

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083589.D
 Acq On : 31 Aug 2024 01:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2024
 Supervised By : Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 02:45:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	180316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129905	51.548	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.100%			
35) Dibromofluoromethane	8.165	113	92591	48.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.860%			
50) Toluene-d8	10.565	98	347388	46.683	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.360%			
62) 4-Bromofluorobenzene	12.847	95	135588	49.160	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	100935	52.890	ug/l	99
3) Chloromethane	2.359	50	105828	47.605	ug/l	100
4) Vinyl Chloride	2.512	62	108964	48.976	ug/l	99
5) Bromomethane	2.906	94	55326	47.304	ug/l	93
6) Chloroethane	3.077	64	68891	47.385	ug/l	96
7) Trichlorofluoromethane	3.477	101	184592	50.382	ug/l	98
8) Diethyl Ether	3.953	74	64807	49.480	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	100120	50.388	ug/l	98
10) Methyl Iodide	4.583	142	133014	49.488	ug/l	94
11) Tert butyl alcohol	5.536	59	88624	225.548	ug/l #	86
12) 1,1-Dichloroethene	4.330	96	97232	49.222	ug/l	91
13) Acrolein	4.177	56	81906	220.332	ug/l	97
14) Allyl chloride	5.012	41	166716	47.336	ug/l	99
15) Acrylonitrile	5.718	53	238540	246.167	ug/l	100
16) Acetone	4.430	43	202649	201.648	ug/l	99
17) Carbon Disulfide	4.700	76	260332	45.224	ug/l	99
18) Methyl Acetate	5.018	43	111637	41.770	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	351522	50.167	ug/l	98
20) Methylene Chloride	5.271	84	106542	48.008	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	99844	48.523	ug/l	92
22) Diisopropyl ether	6.671	45	352954	50.823	ug/l	97
23) Vinyl Acetate	6.600	43	1328041	258.042	ug/l	99
24) 1,1-Dichloroethane	6.559	63	199296	50.322	ug/l	97
25) 2-Butanone	7.483	43	316868	231.580	ug/l	99
26) 2,2-Dichloropropane	7.488	77	139216	37.756	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	124762	50.812	ug/l	96
28) Bromochloromethane	7.812	49	92413	49.969	ug/l	98
29) Tetrahydrofuran	7.835	42	207261	244.205	ug/l	99
30) Chloroform	7.965	83	212634	50.960	ug/l	94
31) Cyclohexane	8.253	56	179455	46.035	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	195045	51.695	ug/l	98
36) 1,1-Dichloropropene	8.371	75	145508	49.895	ug/l	99
37) Ethyl Acetate	7.559	43	138648	47.771	ug/l	98
38) Carbon Tetrachloride	8.359	117	171140	51.434	ug/l	99
39) Methylcyclohexane	9.600	83	181153	51.766	ug/l	98
40) Benzene	8.600	78	447019	49.829	ug/l	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M

Quant Title : SW846 8260

QLast Update : Sat Aug 31 00:48:10 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	81644	49.295	ug/l	96
42) 1,2-Dichloroethane	8.671	62	167028	50.227	ug/l	99
43) Isopropyl Acetate	8.688	43	296320	50.898	ug/l	96
44) Trichloroethene	9.353	130	104019	48.200	ug/l	97
45) 1,2-Dichloropropane	9.618	63	107626	51.500	ug/l	98
46) Dibromomethane	9.706	93	76954	49.913	ug/l	99
47) Bromodichloromethane	9.888	83	169591	51.674	ug/l	96
48) Methyl methacrylate	9.682	41	120036	50.424	ug/l	99
49) 1,4-Dioxane	9.700	88	35680	914.705	ug/l #	97
51) 4-Methyl-2-Pentanone	10.441	43	664673	246.331	ug/l	99
52) Toluene	10.629	92	281608	50.191	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	165338	48.664	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	174585	48.956	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	101301	50.585	ug/l	97
56) Ethyl methacrylate	10.876	69	173544	52.384	ug/l	100
57) 1,3-Dichloropropane	11.165	76	179228	50.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	375940	261.158	ug/l	99
59) 2-Hexanone	11.194	43	487500	240.740	ug/l	97
60) Dibromochloromethane	11.359	129	122544	52.811	ug/l	98
61) 1,2-Dibromoethane	11.471	107	103661	50.666	ug/l	98
64) Tetrachloroethene	11.106	164	91523	49.984	ug/l	98
65) Chlorobenzene	11.894	112	294707	47.173	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	105598	50.063	ug/l	100
67) Ethyl Benzene	11.965	91	544899	48.862	ug/l	100
68) m/p-Xylenes	12.070	106	403999	96.166	ug/l	100
69) o-Xylene	12.400	106	194636	47.936	ug/l	98
70) Styrene	12.412	104	328066	48.054	ug/l	99
71) Bromoform	12.576	173	74456	49.558	ug/l #	100
73) Isopropylbenzene	12.694	105	517259	48.379	ug/l	99
74) N-amyl acetate	12.494	43	216591	46.672	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	139164	45.849	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	121173m	45.434	ug/l	
77) Bromobenzene	12.982	156	113650	45.308	ug/l	99
78) n-propylbenzene	13.035	91	601127	48.629	ug/l	99
79) 2-Chlorotoluene	13.123	91	376932	47.056	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	436952	48.513	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46640	41.246	ug/l	87
82) 4-Chlorotoluene	13.223	91	364586	44.803	ug/l	99
83) tert-Butylbenzene	13.441	119	384950	48.072	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	440596	48.599	ug/l	100
85) sec-Butylbenzene	13.617	105	519451	48.805	ug/l	99
86) p-Isopropyltoluene	13.729	119	433997	48.820	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	214947	44.144	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	213173	42.606	ug/l	100
89) n-Butylbenzene	14.053	91	361170	46.187	ug/l	99
90) Hexachloroethane	14.335	117	83318	48.150	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	214086	45.656	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29989	45.556	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	114694	43.133	ug/l	97
94) Hexachlorobutadiene	15.500	225	46123	43.313	ug/l	98
95) Naphthalene	15.641	128	369265	43.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	110152	41.468	ug/l	100

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VSTDCCC050

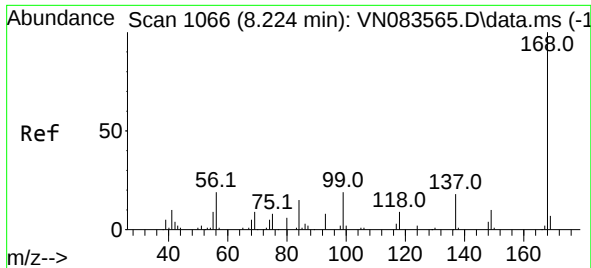
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

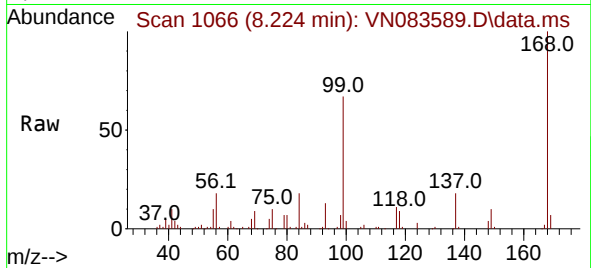
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083589.D
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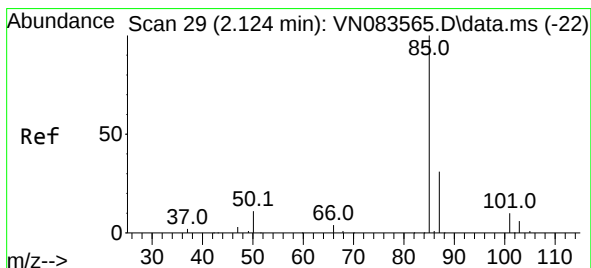
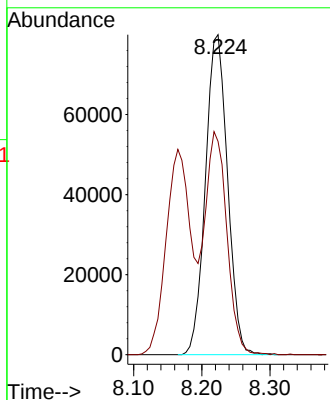
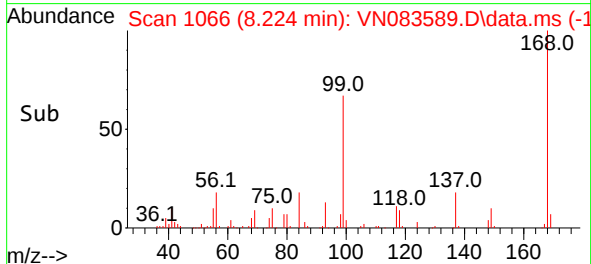
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



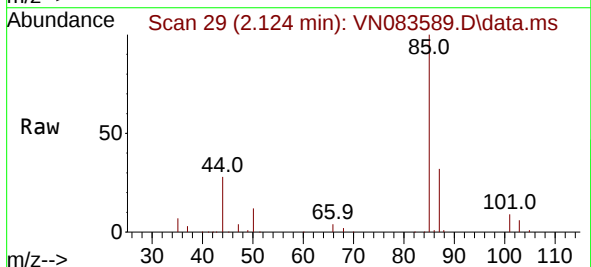
Tgt Ion:168 Resp: 180310
Ion Ratio Lower Upper
168 100
99 66.7 54.2 81.2

Manual Integrations
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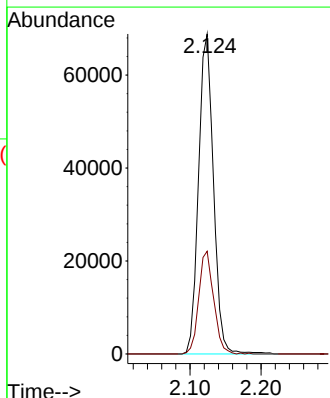
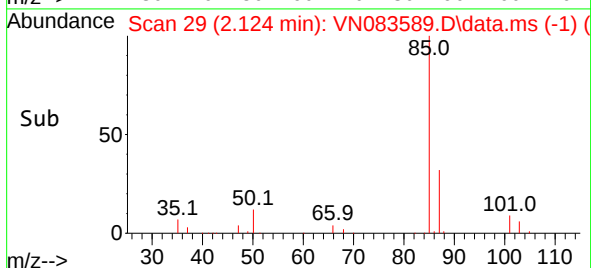
Reviewed By :John Carlone 09/03/2024
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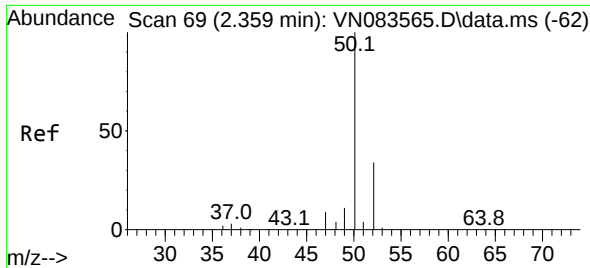


#2
Dichlorodifluoromethane
Concen: 52.890 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



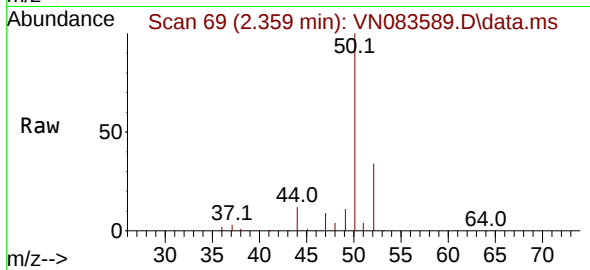
Tgt Ion: 85 Resp: 100935
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





#3
Chloromethane
Concen: 47.605 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

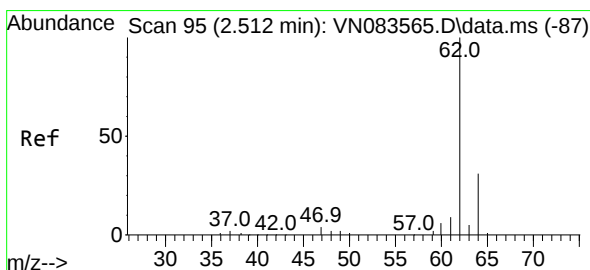
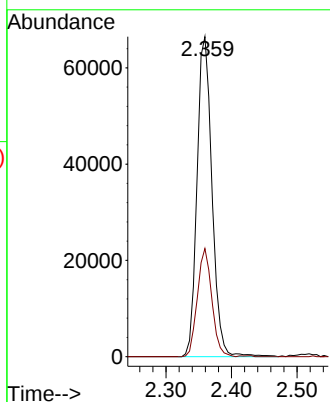
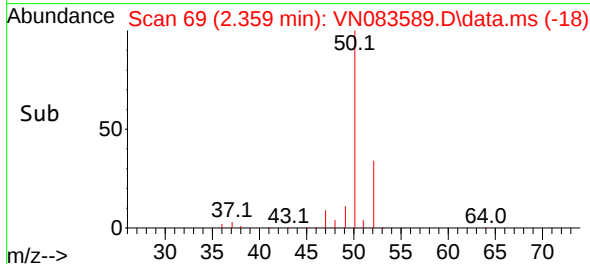
Instrument :
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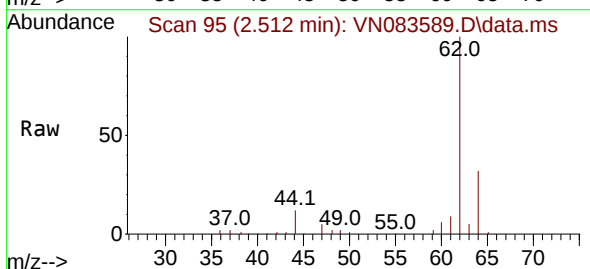
Tgt Ion: 50 Resp: 105828
Ion Ratio Lower Upper
50 100
52 33.8 27.2 40.8

Manual Integrations
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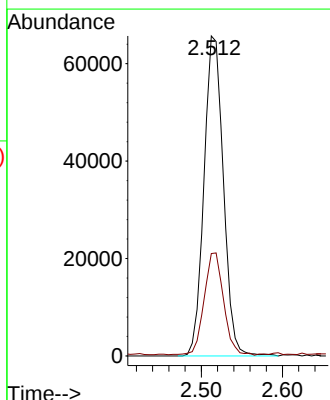
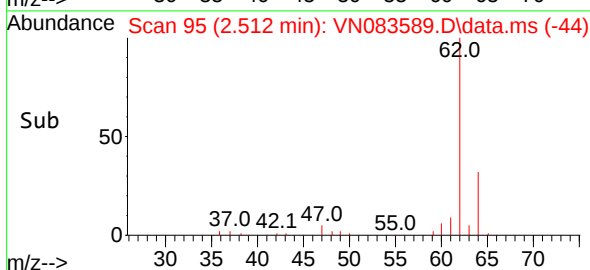
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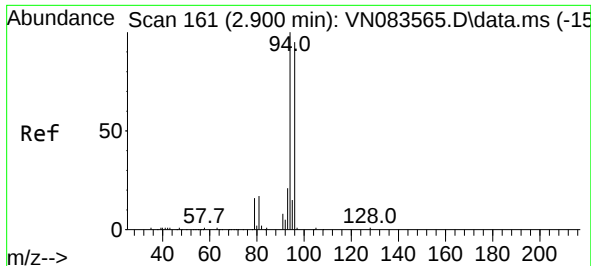


#4
Vinyl Chloride
Concen: 48.976 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
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Acq: 31 Aug 2024 01:56



Tgt Ion: 62 Resp: 108964
Ion Ratio Lower Upper
62 100
64 31.5 24.7 37.1





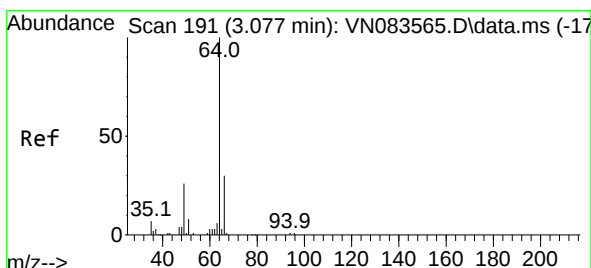
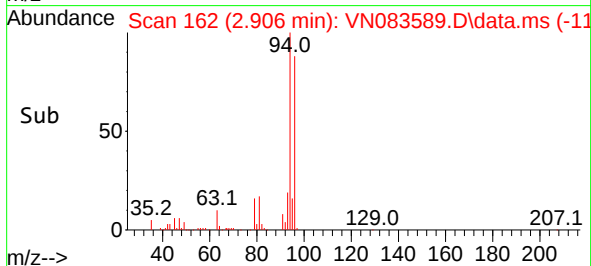
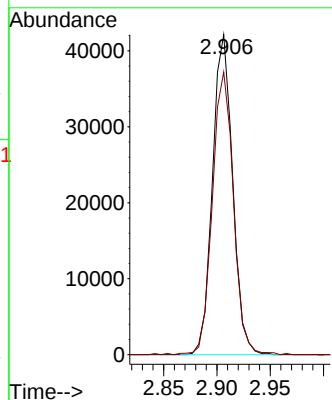
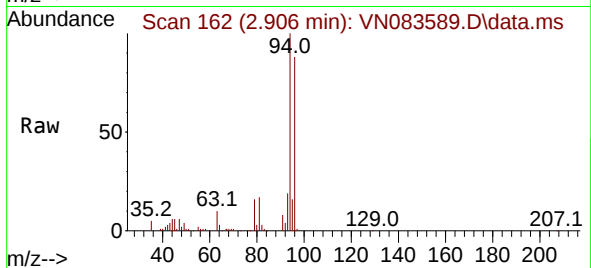
#5
Bromomethane
Concen: 47.304 ug/l
RT: 2.906 min Scan# 161
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
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Tgt Ion: 94 Resp: 55320
Ion Ratio Lower Upper
94 100
96 88.4 76.0 114.0

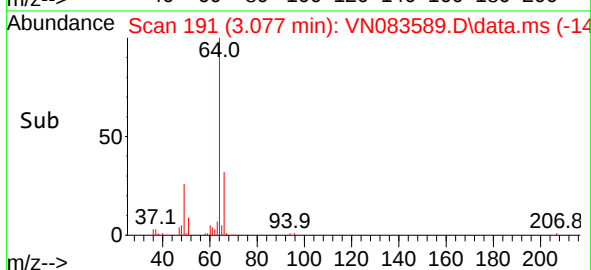
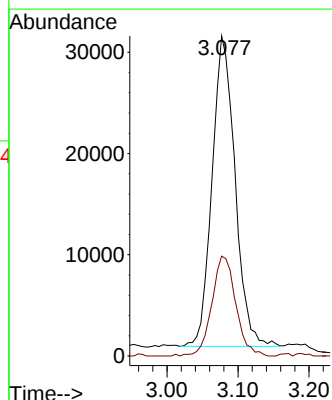
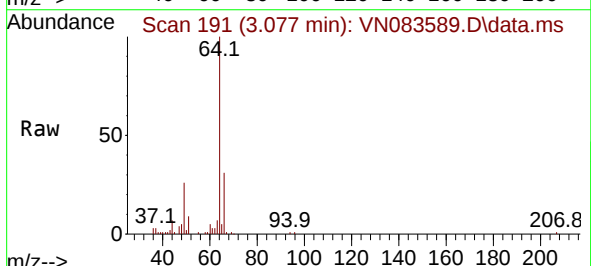
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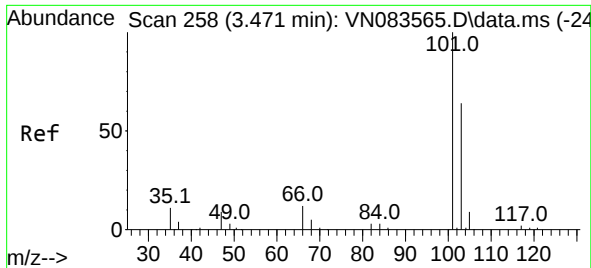
Reviewed By :John Carlone 09/03/2024
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#6
Chloroethane
Concen: 47.385 ug/l
RT: 3.077 min Scan# 191
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Tgt Ion: 64 Resp: 68891
Ion Ratio Lower Upper
64 100
66 32.2 23.9 35.9





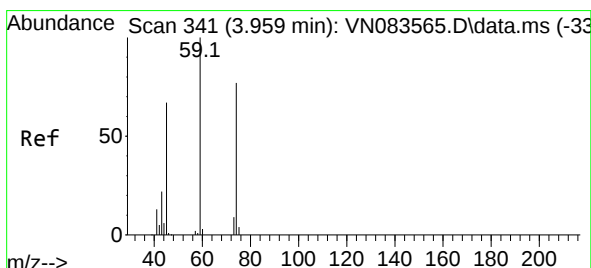
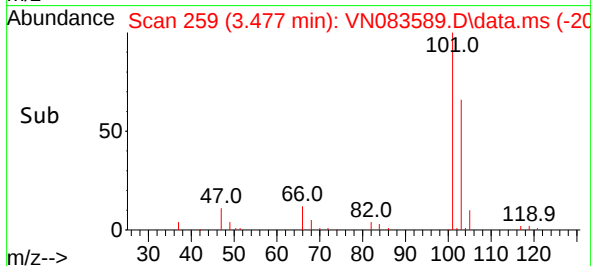
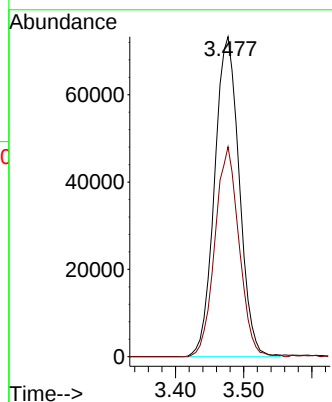
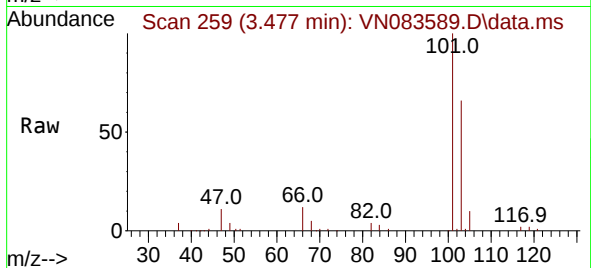
#7
Trichlorofluoromethane
Concen: 50.382 ug/l
RT: 3.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
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Tgt Ion:101 Resp: 184592
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0

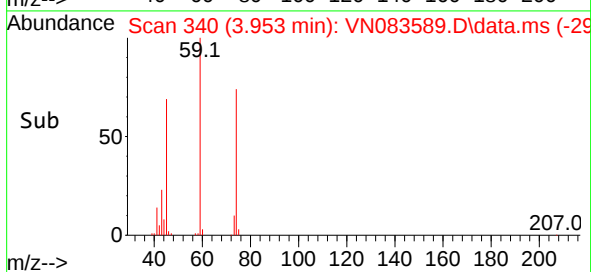
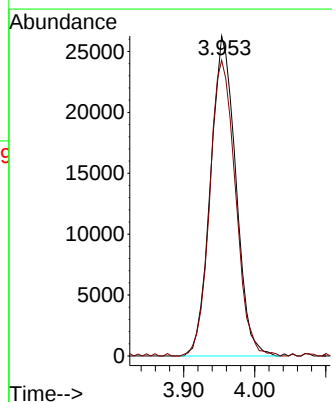
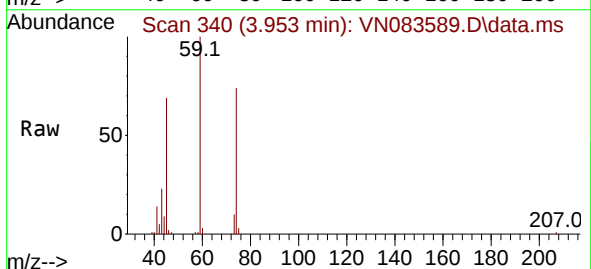
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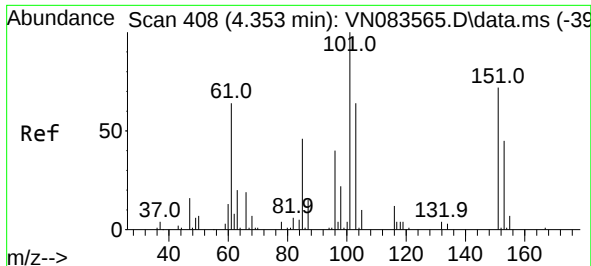
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#8
Diethyl Ether
Concen: 49.480 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Tgt Ion: 74 Resp: 64807
Ion Ratio Lower Upper
74 100
45 94.3 46.7 140.1





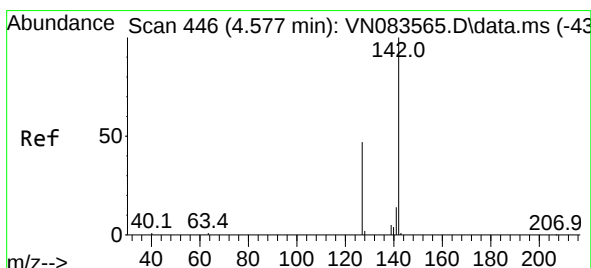
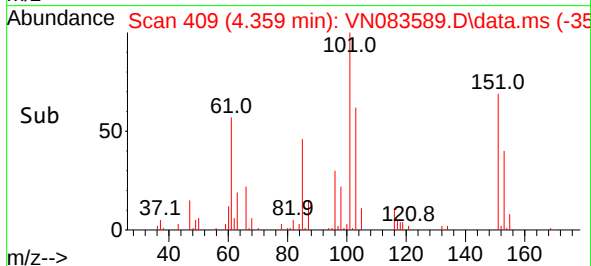
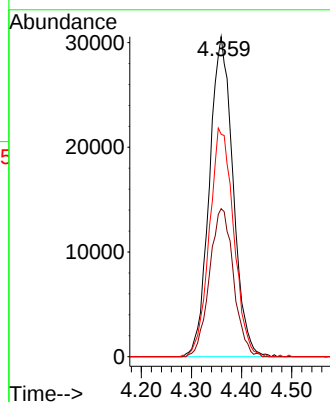
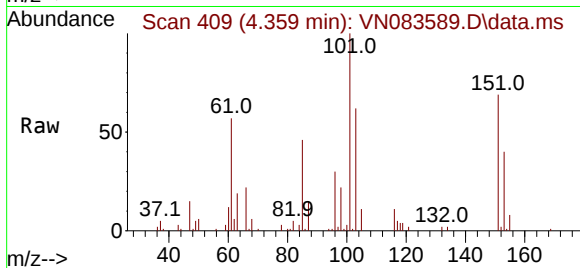
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.388 ug/l
RT: 4.359 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 100120
Ion Ratio Lower Upper
101 100
85 46.9 36.2 54.4
151 73.4 57.7 86.5

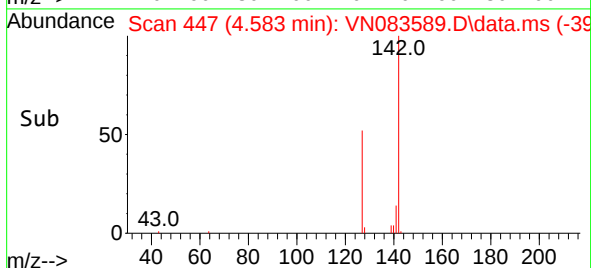
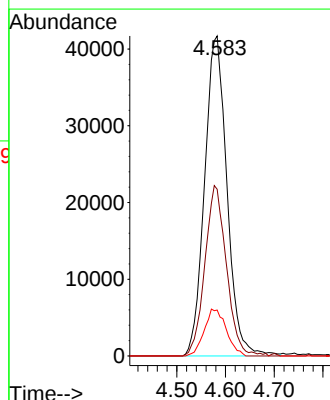
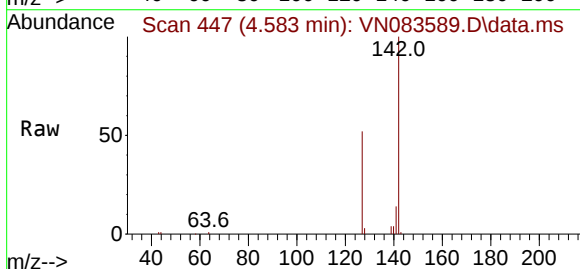
Manual Integrations
APPROVED

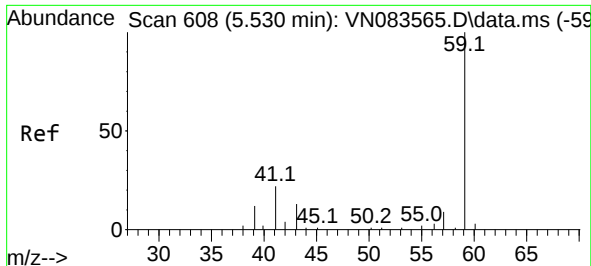
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#10
Methyl Iodide
Concen: 49.488 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

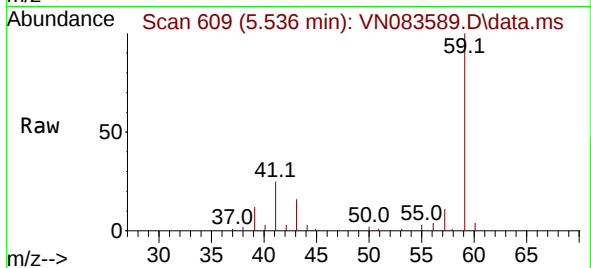
Tgt Ion:142 Resp: 133014
Ion Ratio Lower Upper
142 100
127 52.1 37.5 56.3
141 14.4 11.0 16.4





#11
Tert butyl alcohol
Concen: 225.548 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

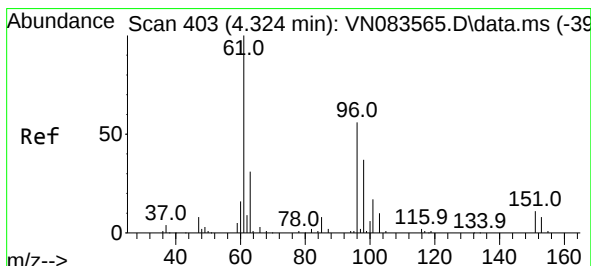
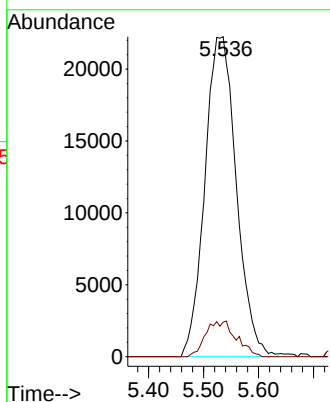
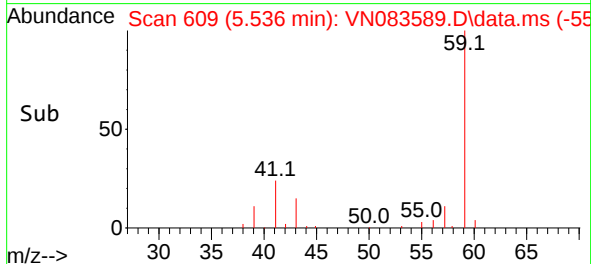
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



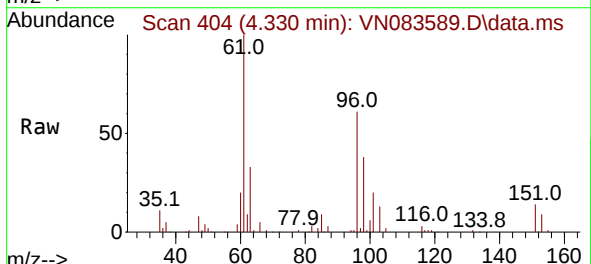
Tgt Ion: 59 Resp: 88624
Ion Ratio Lower Upper
59 100
57 5.5 8.7 13.1

Manual Integrations
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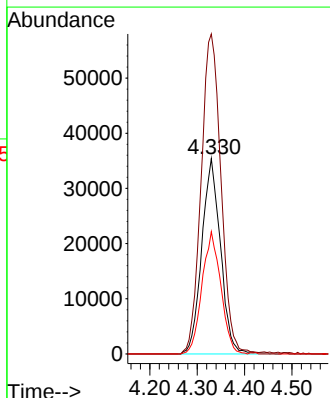
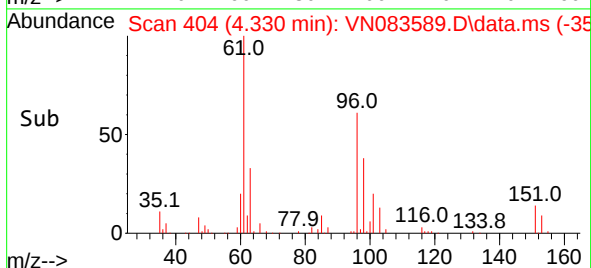
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

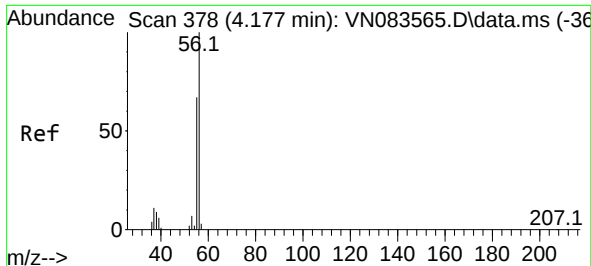


#12
1,1-Dichloroethene
Concen: 49.222 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



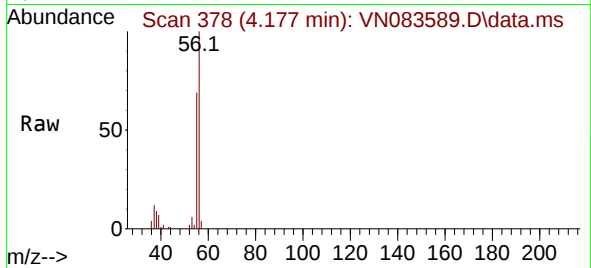
Tgt Ion: 96 Resp: 97232
Ion Ratio Lower Upper
96 100
61 163.8 143.4 215.0
98 62.6 52.7 79.1





#13
Acrolein
Concen: 220.332 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

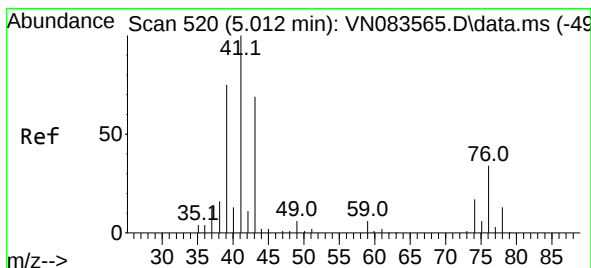
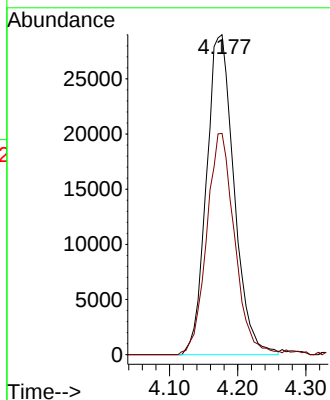
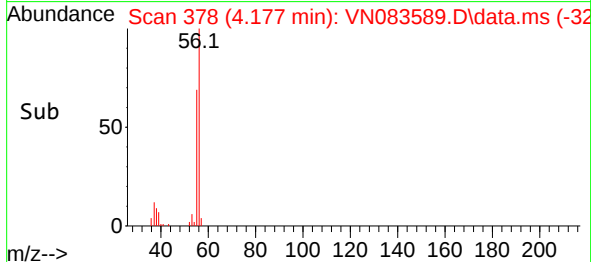
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



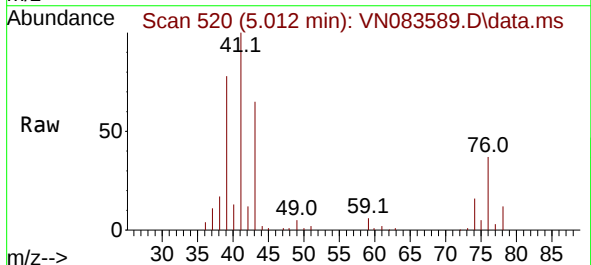
Tgt Ion: 56 Resp: 81900
Ion Ratio Lower Upper
56 100
55 69.8 58.2 87.2

Manual Integrations
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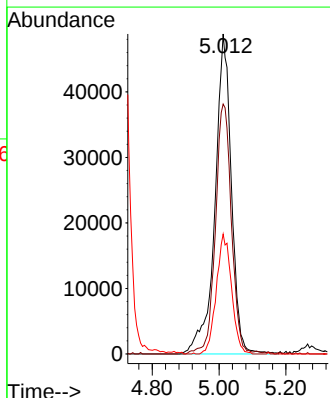
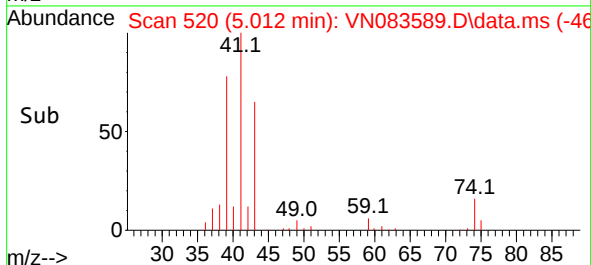
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

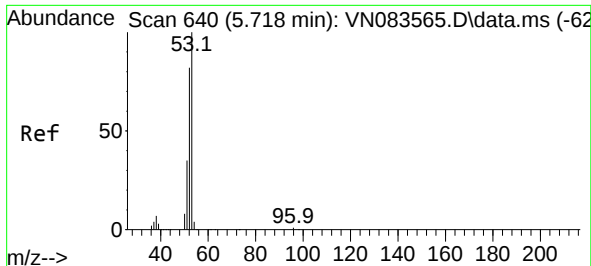


#14
Allyl chloride
Concen: 47.336 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



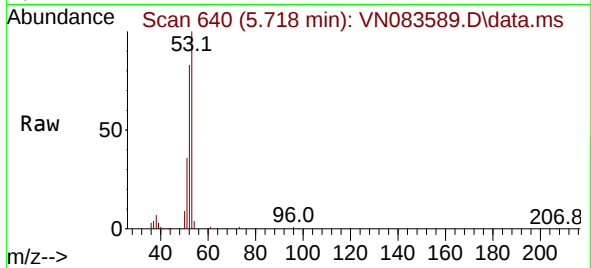
Tgt Ion: 41 Resp: 166716
Ion Ratio Lower Upper
41 100
39 75.8 59.3 88.9
76 34.6 27.7 41.5





#15
Acrylonitrile
Concen: 246.167 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

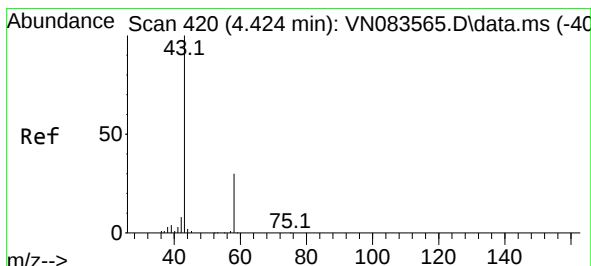
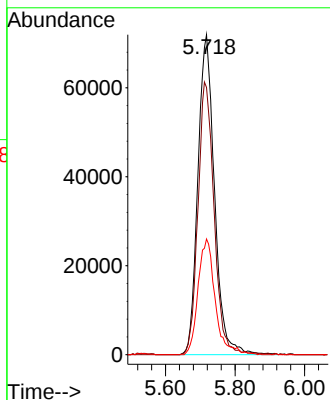
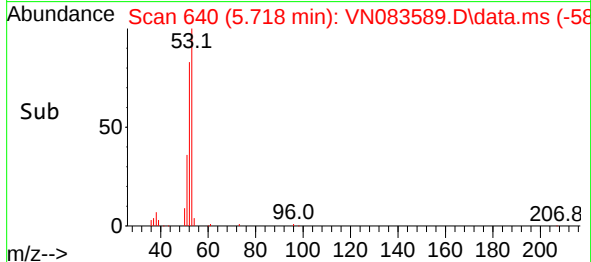
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



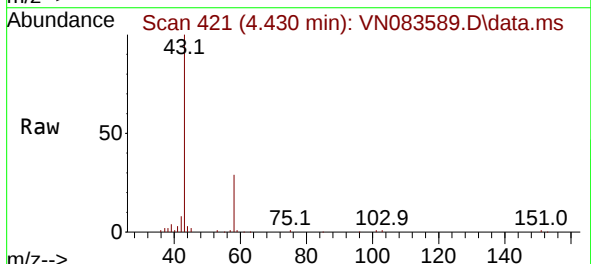
Tgt Ion: 53 Resp: 238540
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 37.3 29.6 44.4

Manual Integrations
APPROVED

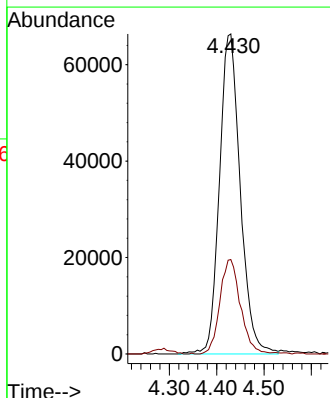
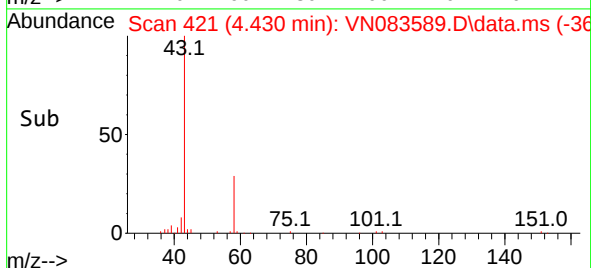
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

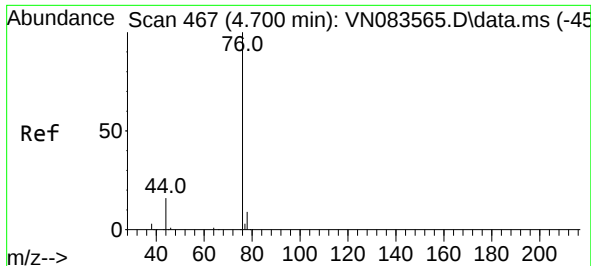


#16
Acetone
Concen: 201.648 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



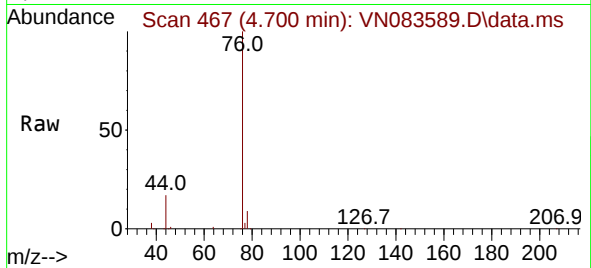
Tgt Ion: 43 Resp: 202649
Ion Ratio Lower Upper
43 100
58 29.2 23.7 35.5





#17
Carbon Disulfide
Concen: 45.224 ug/l
RT: 4.700 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

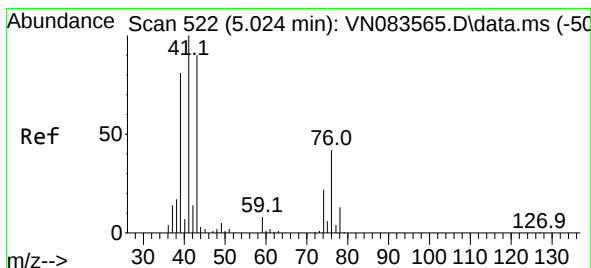
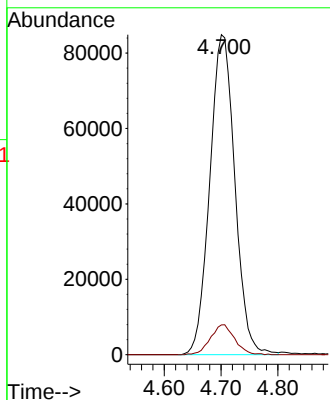
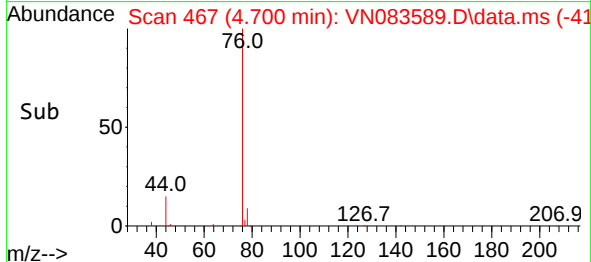
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



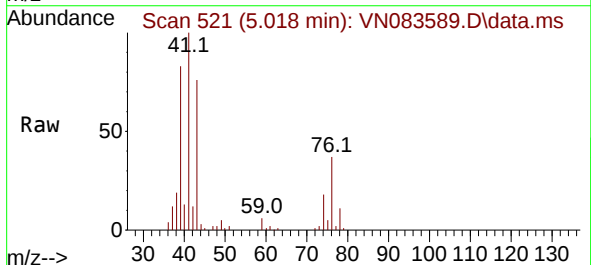
Tgt Ion: 76 Resp: 26033
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

Manual Integrations
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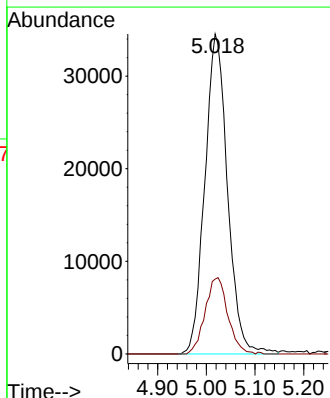
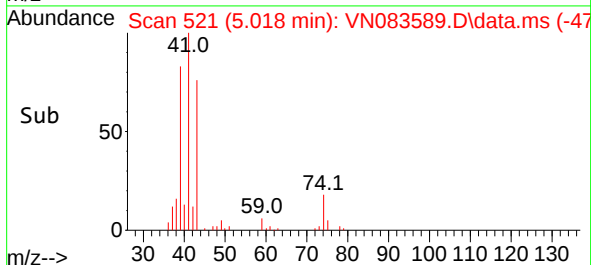
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

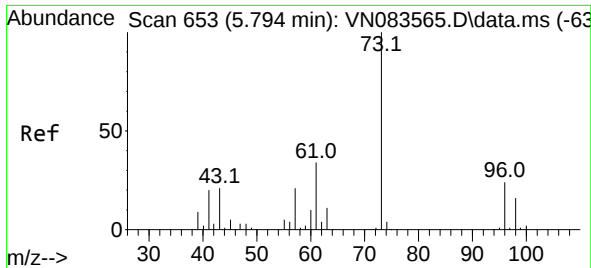


#18
Methyl Acetate
Concen: 41.770 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



Tgt Ion: 43 Resp: 111637
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.4





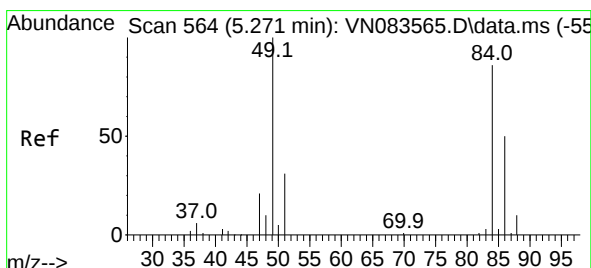
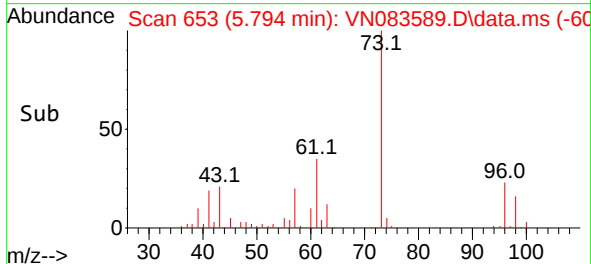
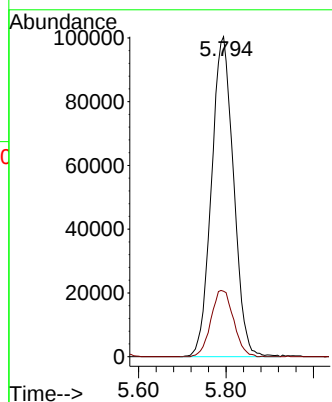
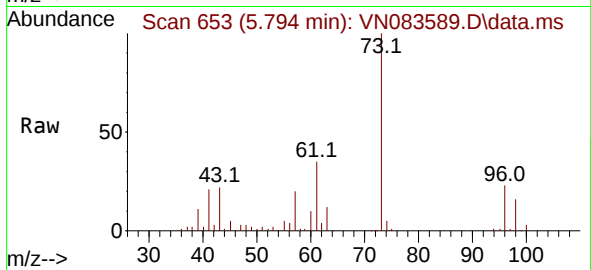
#19
Methyl tert-butyl Ether
Concen: 50.167 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 35152
Ion Ratio Lower Upper
73 100
57 20.4 17.0 25.6

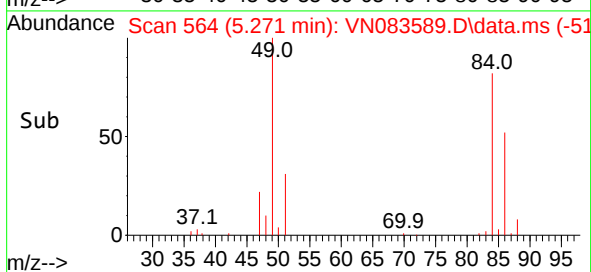
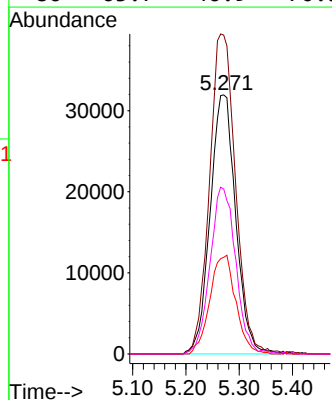
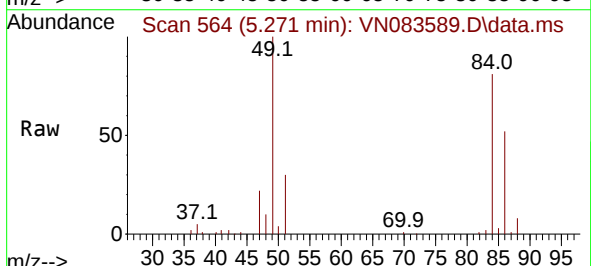
Manual Integrations
APPROVED

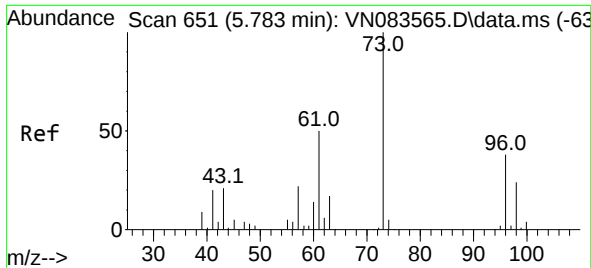
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#20
Methylene Chloride
Concen: 48.008 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Tgt Ion: 84 Resp: 106542
Ion Ratio Lower Upper
84 100
49 123.1 93.4 140.0
51 37.3 29.2 43.8
86 63.7 46.9 70.3





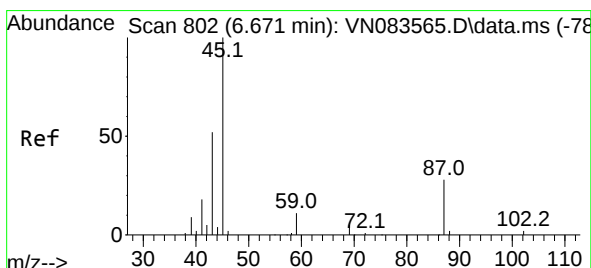
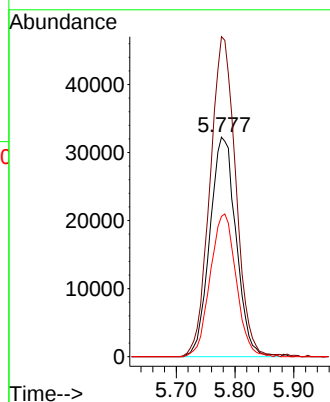
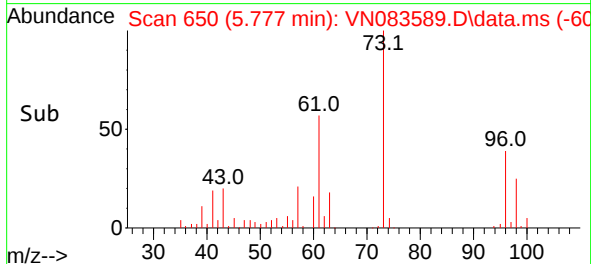
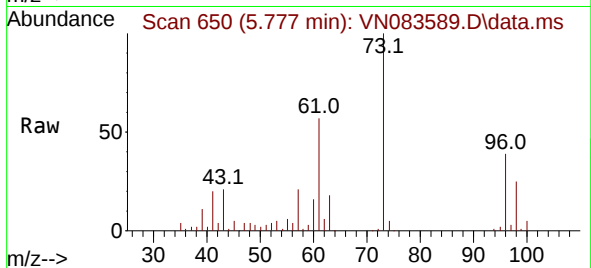
#21
trans-1,2-Dichloroethene
Concen: 48.523 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 99844
Ion Ratio Lower Upper
96 100
61 145.8 106.0 159.0
98 63.9 52.2 78.2

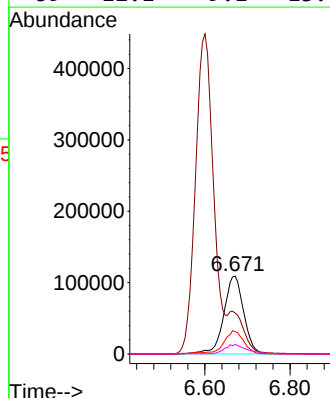
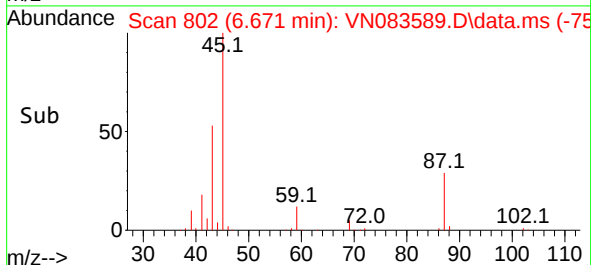
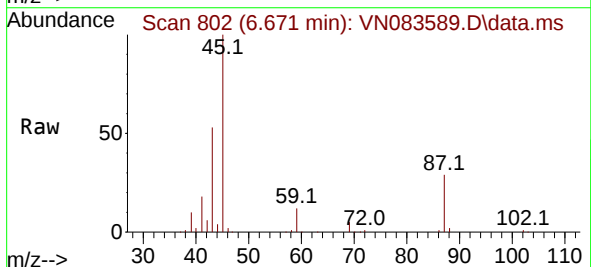
Manual Integrations
APPROVED

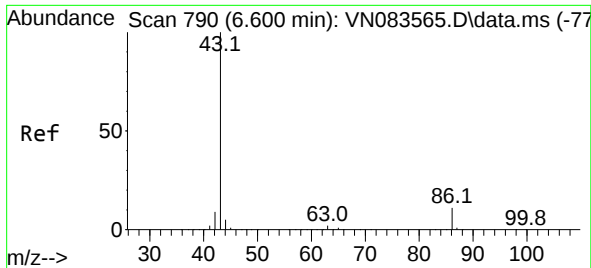
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#22
Diisopropyl ether
Concen: 50.823 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Tgt Ion: 45 Resp: 352954
Ion Ratio Lower Upper
45 100
43 51.6 43.4 65.0
87 28.8 22.6 33.8
59 12.1 9.1 13.7





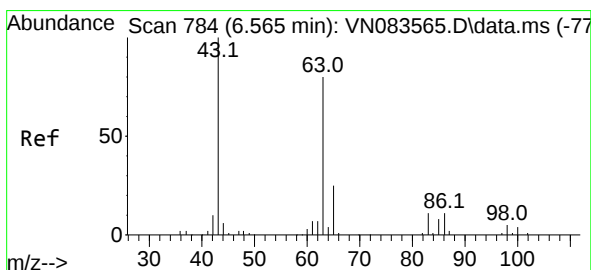
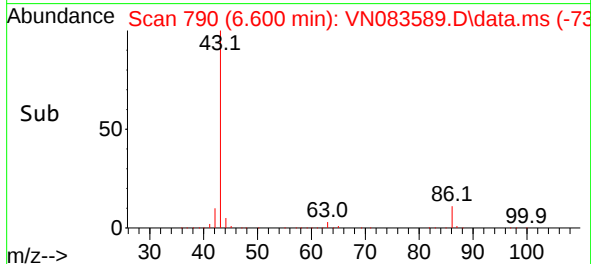
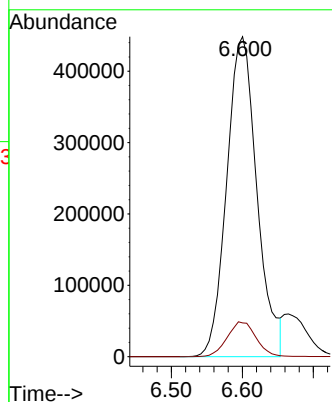
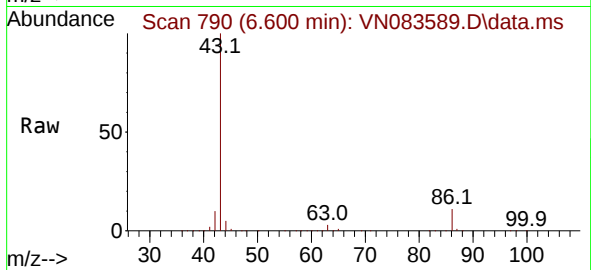
#23
 Vinyl Acetate
 Concen: 258.042 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083589.D
 Acq: 31 Aug 2024 01:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 132804
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.7 13.1

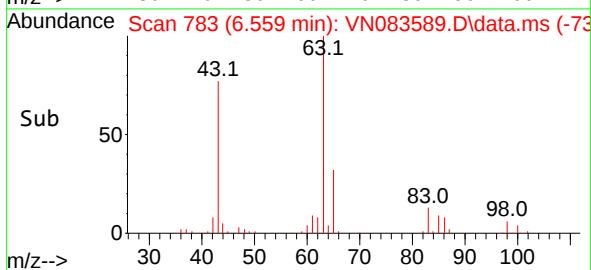
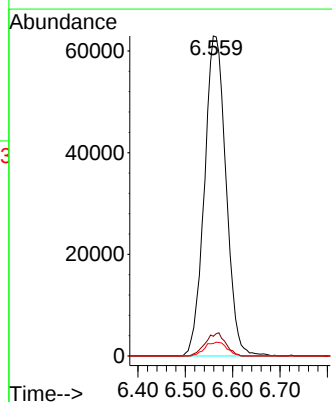
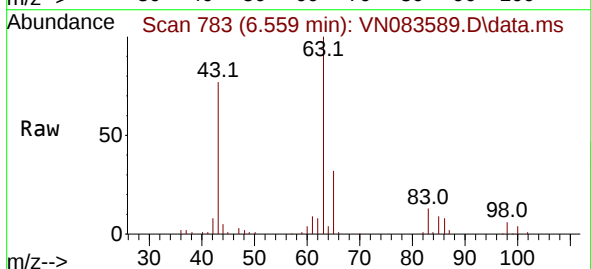
Manual Integrations
 APPROVED

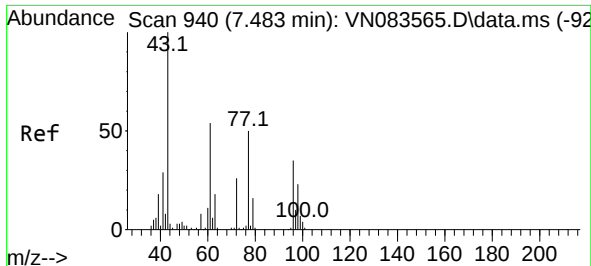
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#24
 1,1-Dichloroethane
 Concen: 50.322 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN083589.D
 Acq: 31 Aug 2024 01:56

Tgt Ion: 63 Resp: 199296
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 3.9 2.5 7.5





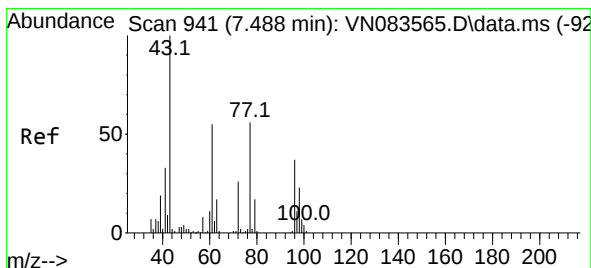
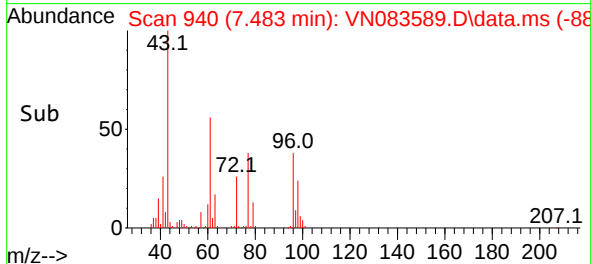
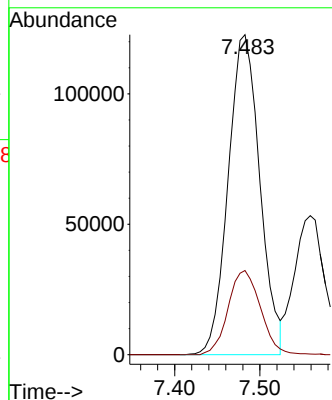
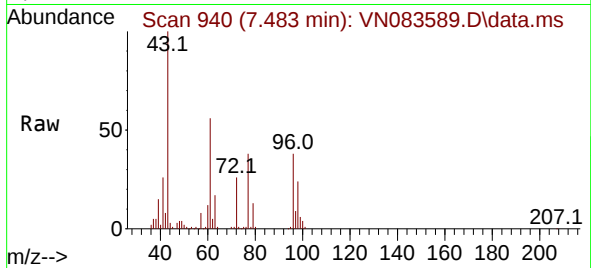
#25
2-Butanone
Concen: 231.580 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 31686
Ion Ratio Lower Upper
43 100
72 26.3 20.8 31.2

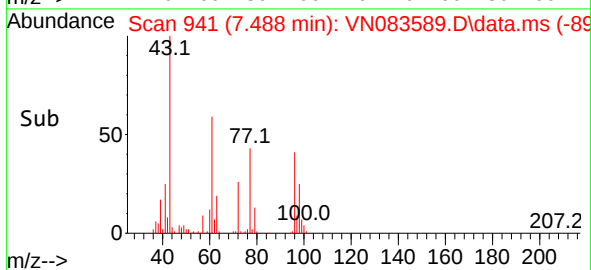
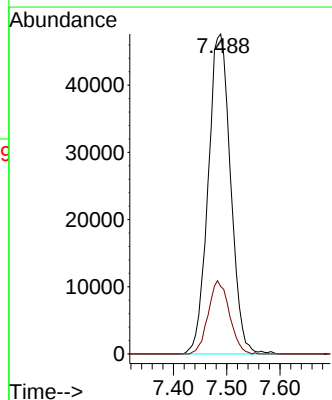
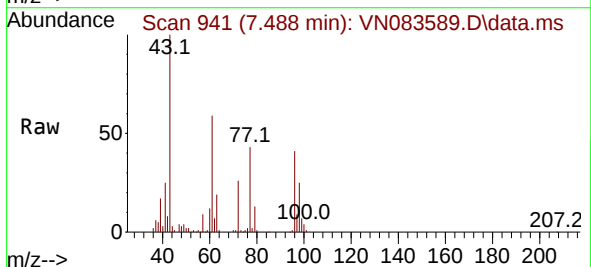
Manual Integrations
APPROVED

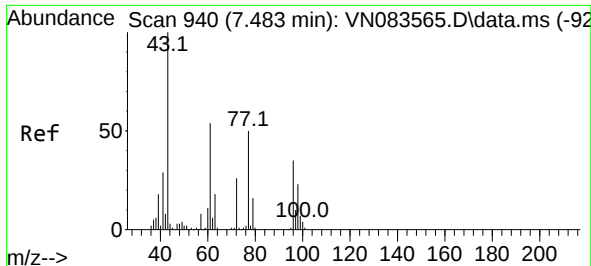
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#26
2,2-Dichloropropane
Concen: 37.756 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

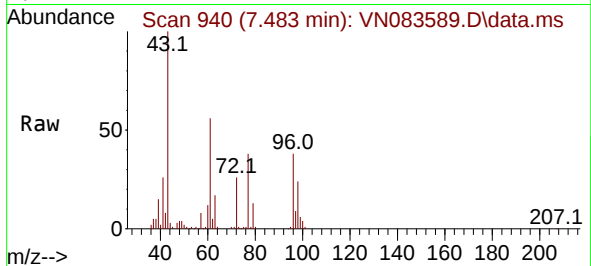
Tgt Ion: 77 Resp: 139216
Ion Ratio Lower Upper
77 100
97 21.6 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 50.812 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083589.D
 Acq: 31 Aug 2024 01:56

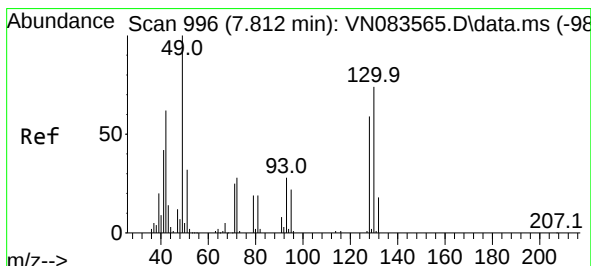
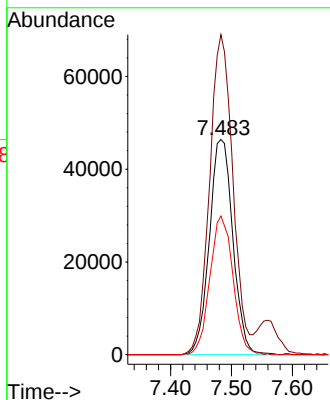
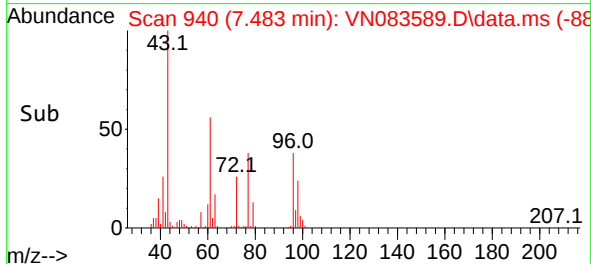
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 124762
 Ion Ratio Lower Upper
 96 100
 61 146.2 0.0 306.2
 98 63.2 0.0 128.6

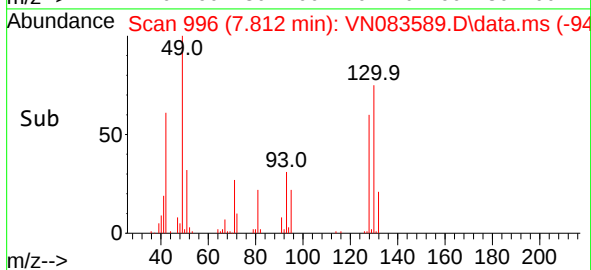
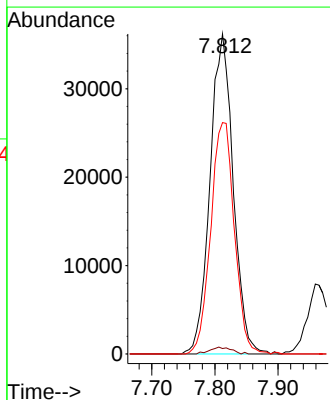
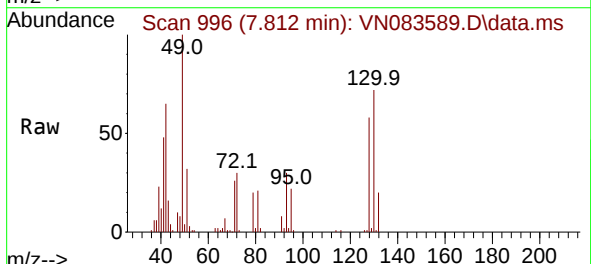
Manual Integrations
 APPROVED

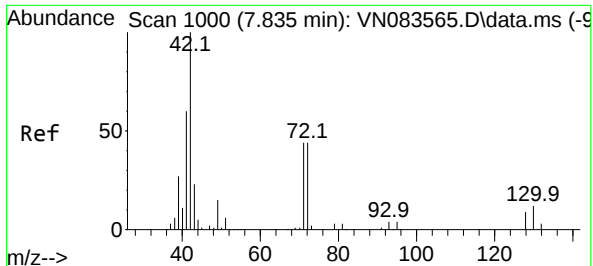
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#28
 Bromochloromethane
 Concen: 49.969 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083589.D
 Acq: 31 Aug 2024 01:56

Tgt Ion: 49 Resp: 92413
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.4
 130 73.6 60.2 90.2





#29

Tetrahydrofuran

Concen: 244.205 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 20726

Ion Ratio Lower Upper

42 100

72 43.9 35.9 53.9

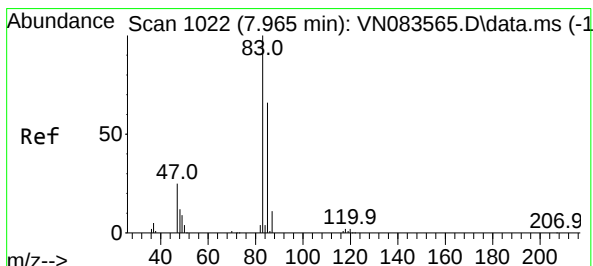
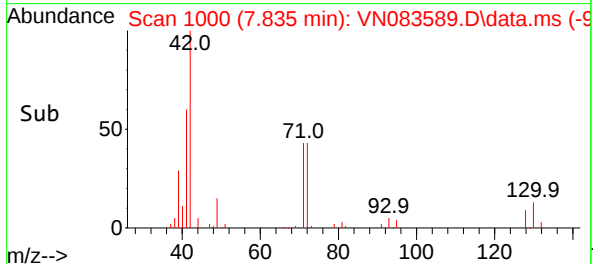
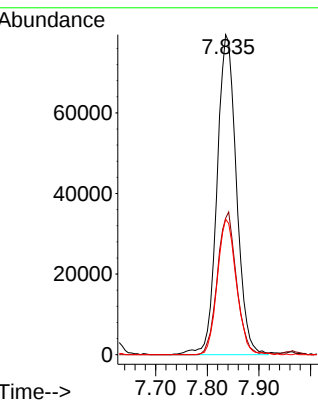
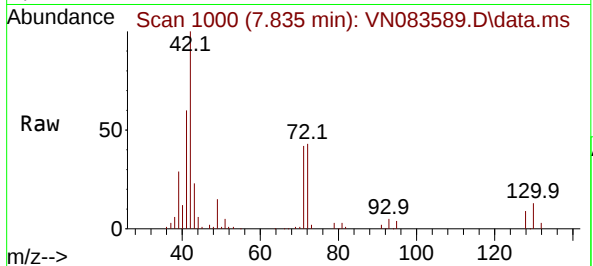
71 41.6 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#30

Chloroform

Concen: 50.960 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083589.D

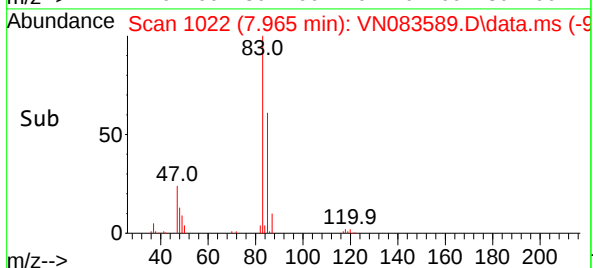
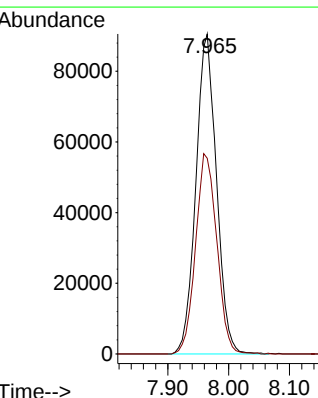
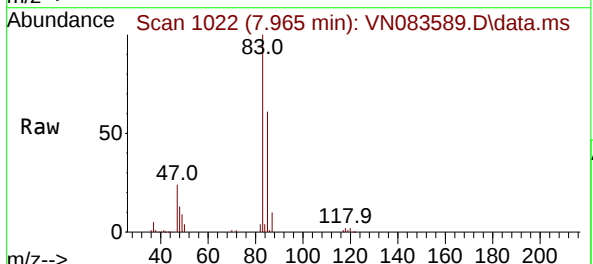
Acq: 31 Aug 2024 01:56

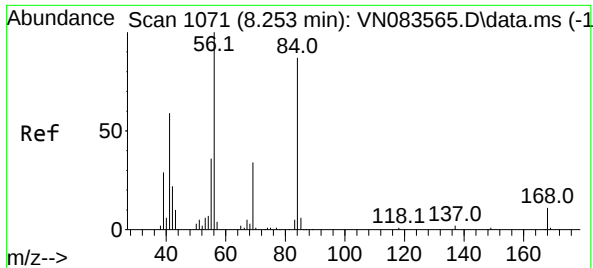
Tgt Ion: 83 Resp: 212634

Ion Ratio Lower Upper

83 100

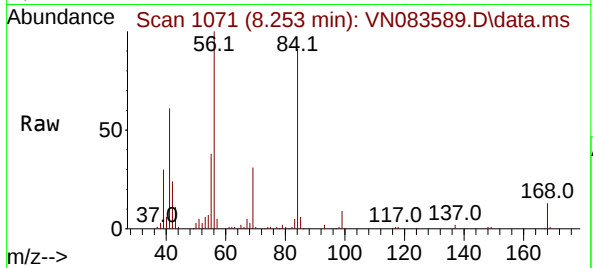
85 61.2 52.8 79.2





#31
Cyclohexane
Concen: 46.035 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

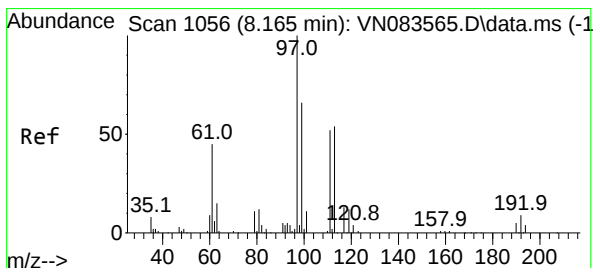
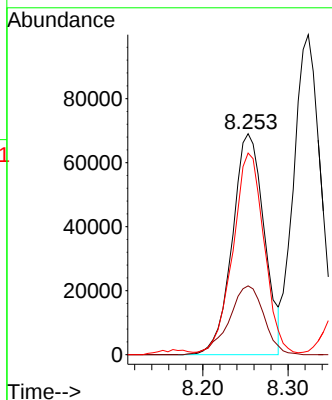
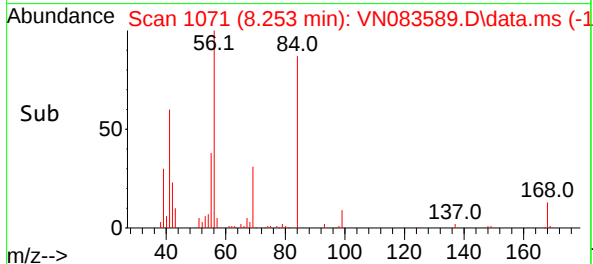
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



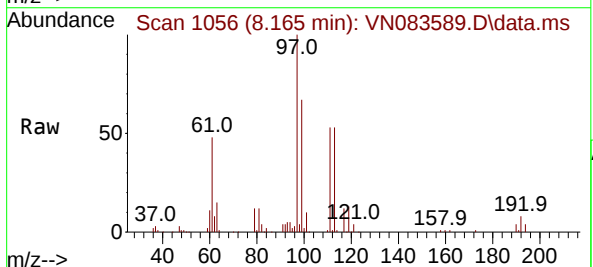
Tgt Ion: 56 Resp: 17945
Ion Ratio Lower Upper
56 100
69 31.1 26.9 40.3
84 89.3 69.2 103.8

Manual Integrations
APPROVED

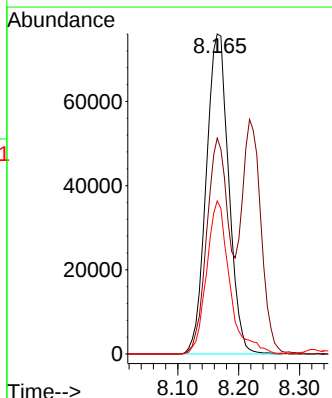
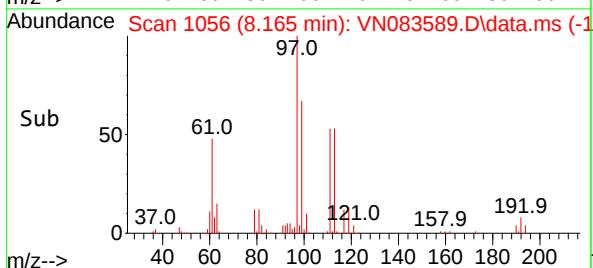
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

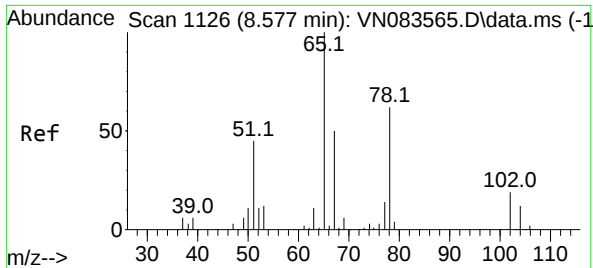


#32
1,1,1-Trichloroethane
Concen: 51.695 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



Tgt Ion: 97 Resp: 195045
Ion Ratio Lower Upper
97 100
99 66.9 52.3 78.5
61 49.0 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 51.548 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 12990

Ion Ratio Lower Upper

65 100

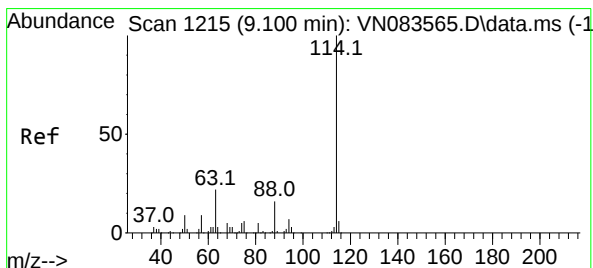
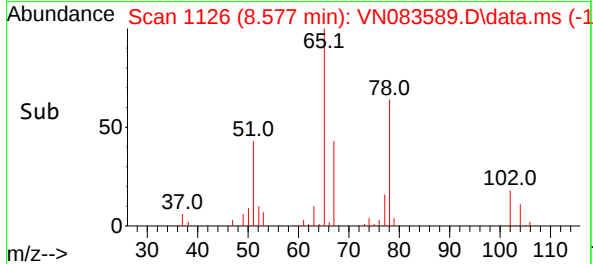
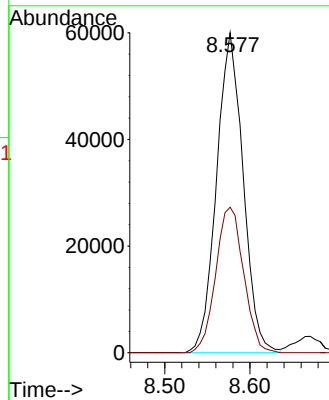
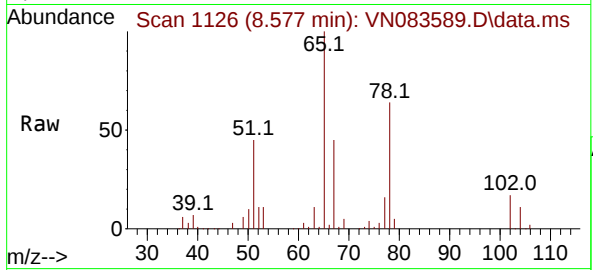
67 47.7 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

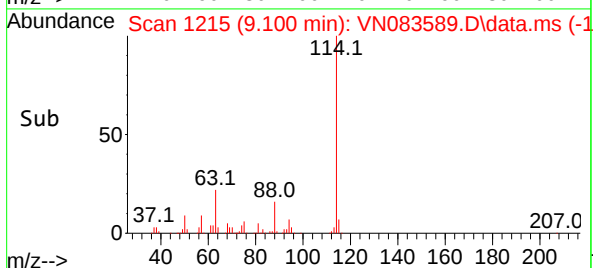
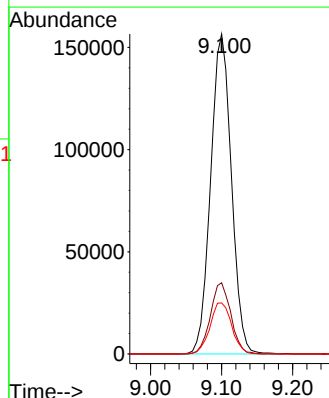
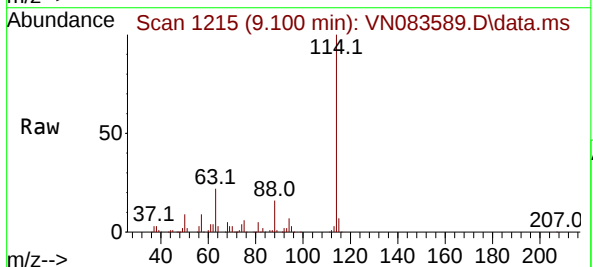
Tgt Ion:114 Resp: 317661

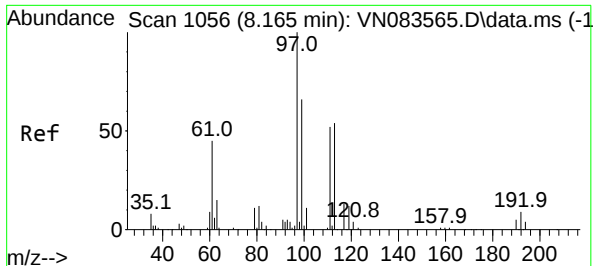
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

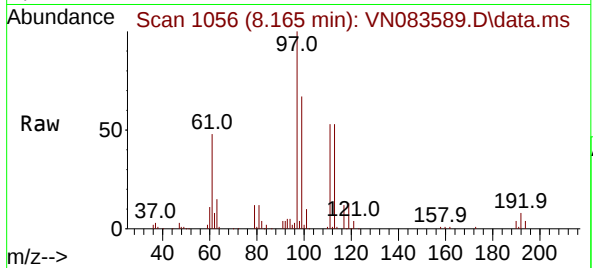
88 16.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.428 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

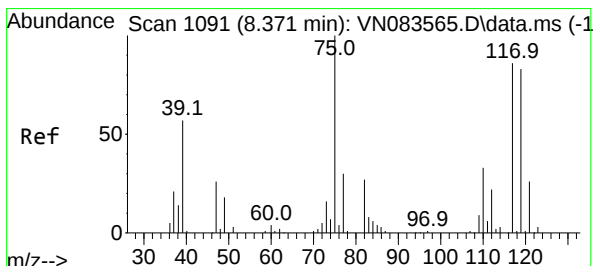
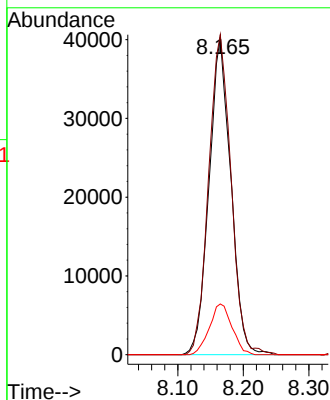
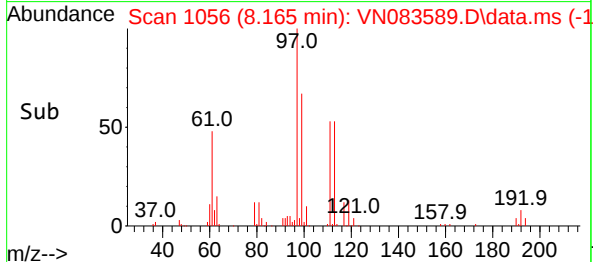
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



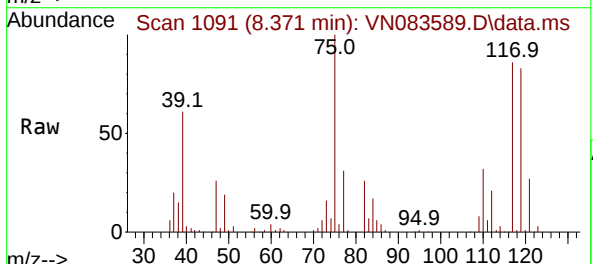
Tgt Ion: 113 Resp: 9259
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 16.6 14.3 21.5

Manual Integrations
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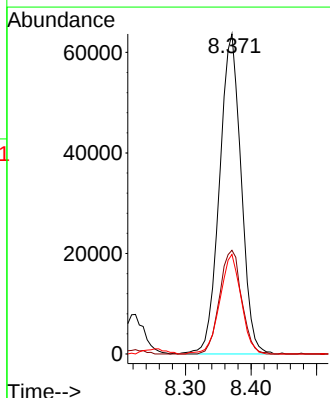
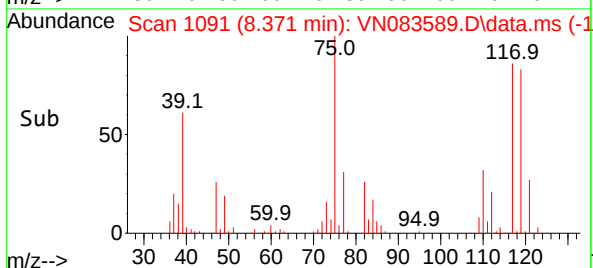
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

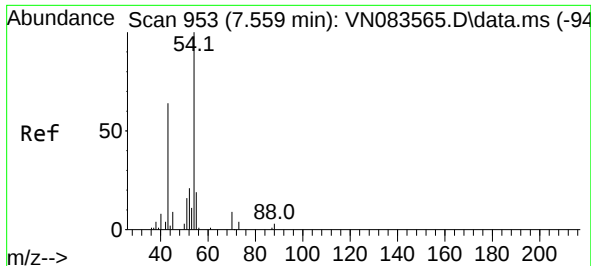


#36
1,1-Dichloropropene
Concen: 49.895 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



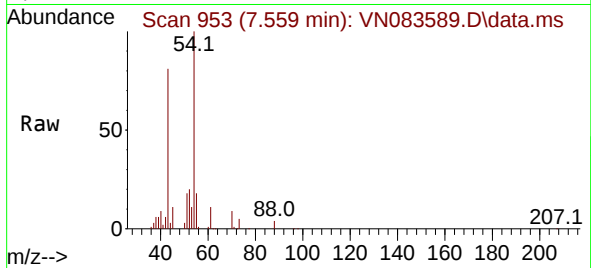
Tgt Ion: 75 Resp: 145508
Ion Ratio Lower Upper
75 100
110 33.0 16.7 50.1
77 30.8 25.2 37.8





#37
Ethyl Acetate
Concen: 47.771 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

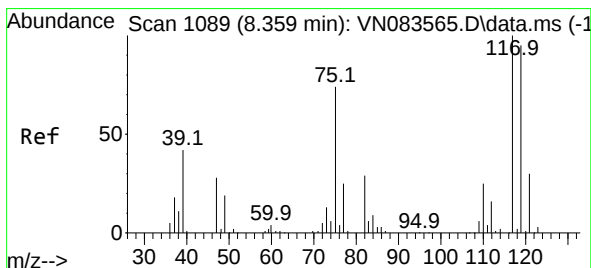
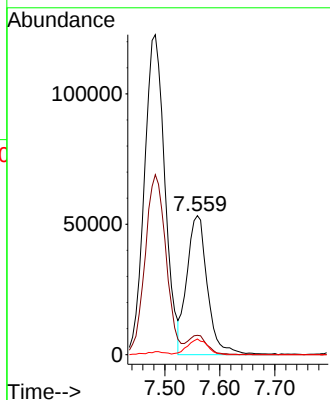
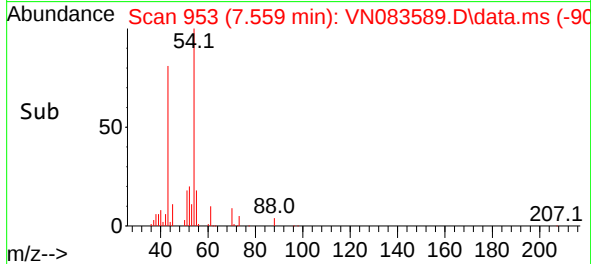
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 13864
Ion Ratio Lower Upper
43 100
61 12.5 11.1 16.7
70 10.8 8.8 13.2

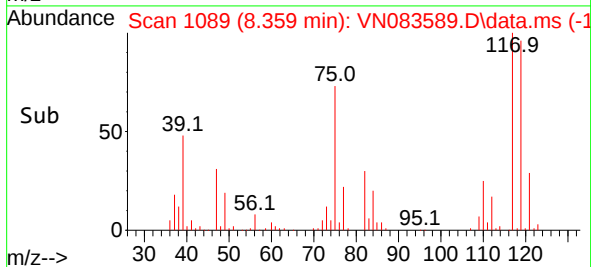
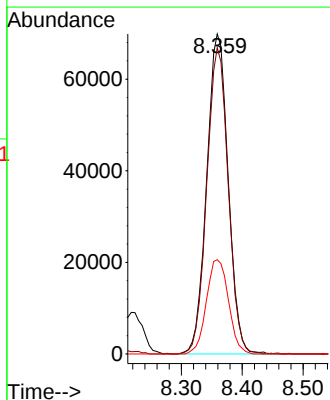
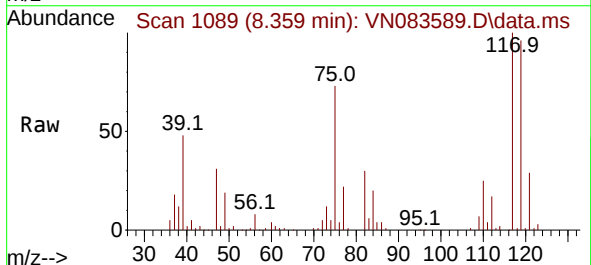
Manual Integrations
APPROVED

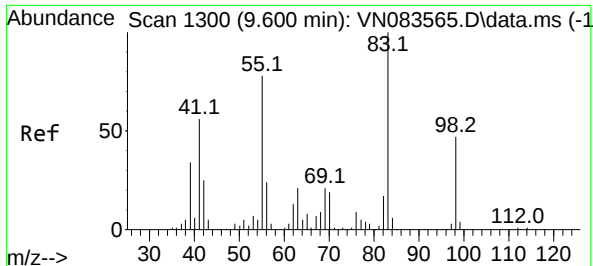
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#38
Carbon Tetrachloride
Concen: 51.434 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Tgt Ion:117 Resp: 171140
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1
121 29.5 24.1 36.1





#39

Methylcyclohexane

Concen: 51.766 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 18115

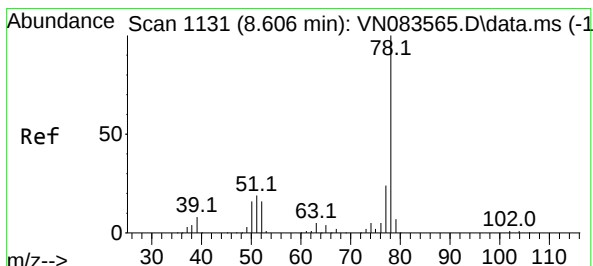
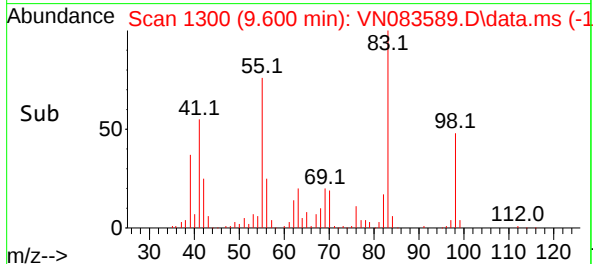
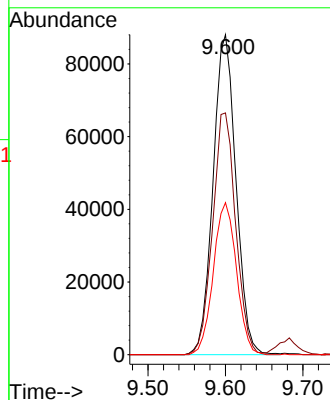
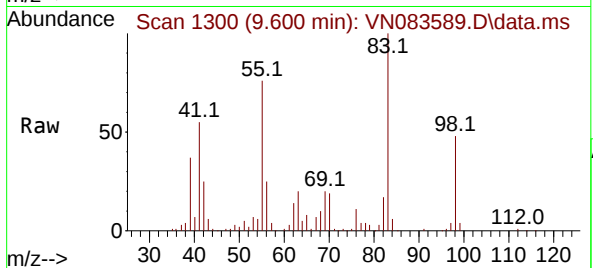
Ion	Ratio	Lower	Upper
83	100		
55	75.6	62.2	93.4
98	47.5	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#40

Benzene

Concen: 49.829 ug/l

RT: 8.600 min Scan# 1130

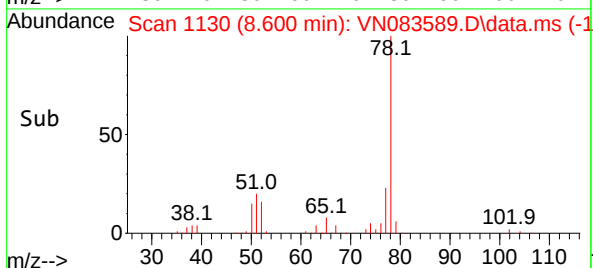
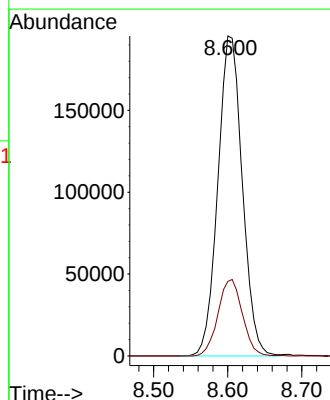
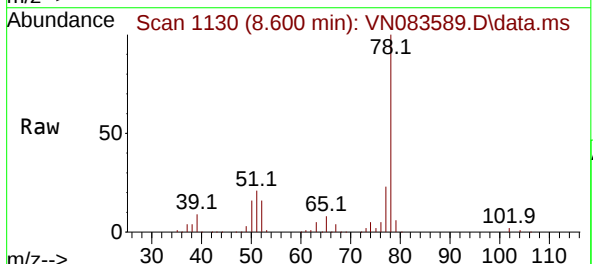
Delta R.T. -0.006 min

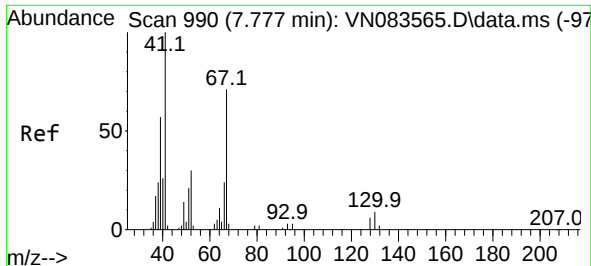
Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Tgt Ion: 78 Resp: 447019

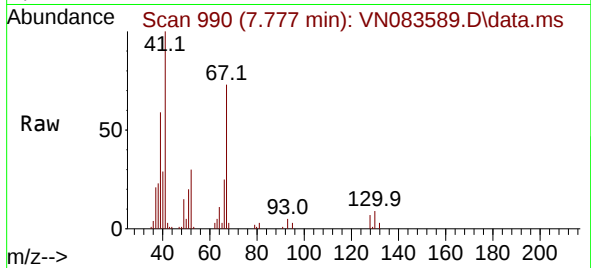
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





#41
Methacrylonitrile
Concen: 49.295 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

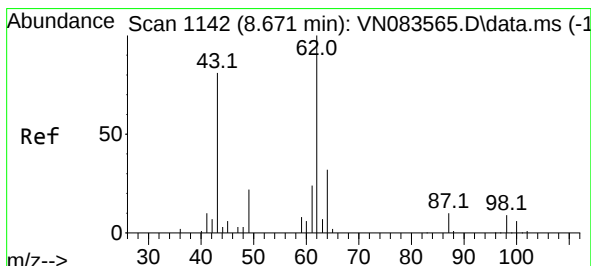
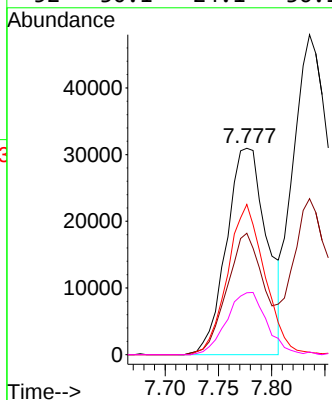
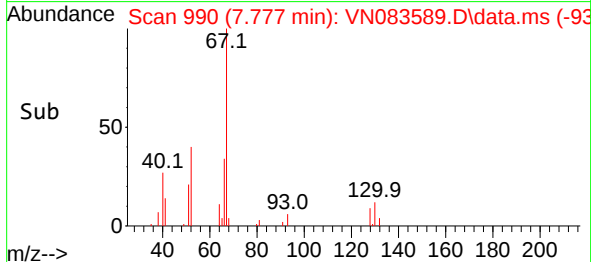
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.3	45.4	68.2
67	67.4	55.9	83.9
52	30.1	24.1	36.1

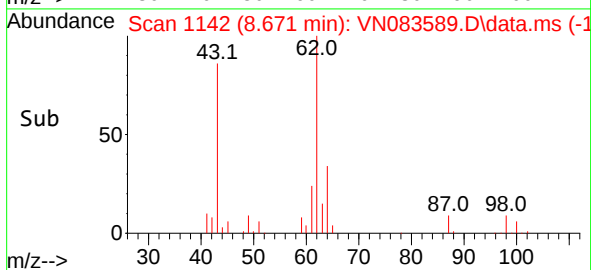
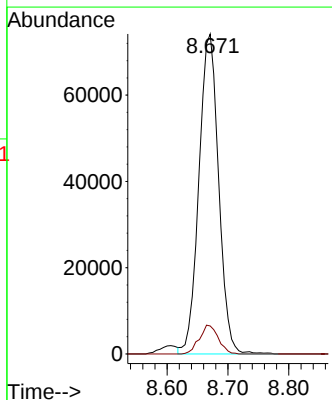
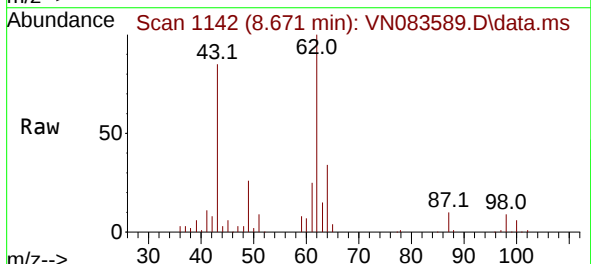
Manual Integrations
APPROVED

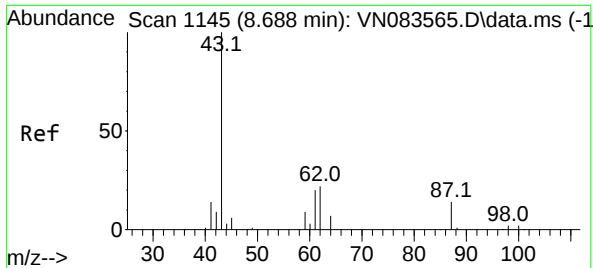
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#42
1,2-Dichloroethane
Concen: 50.227 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





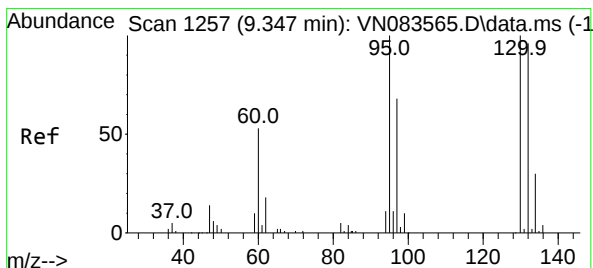
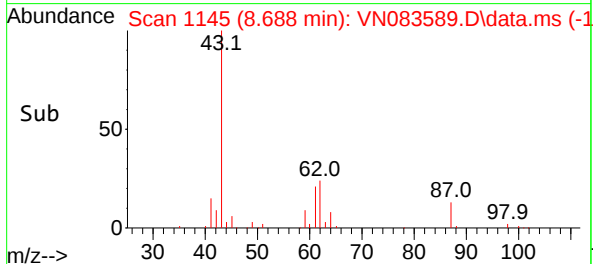
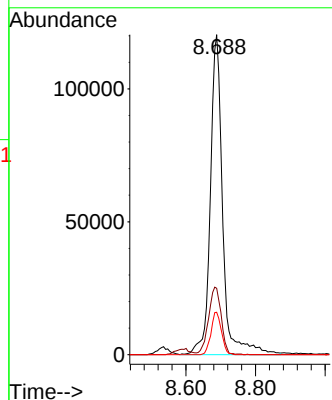
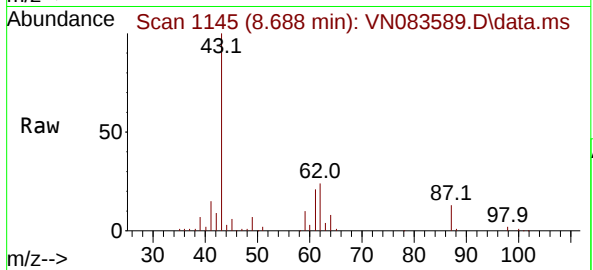
#43
Isopropyl Acetate
Concen: 50.898 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 296320
Ion Ratio Lower Upper
43 100
61 21.6 19.4 29.0
87 11.2 9.8 14.6

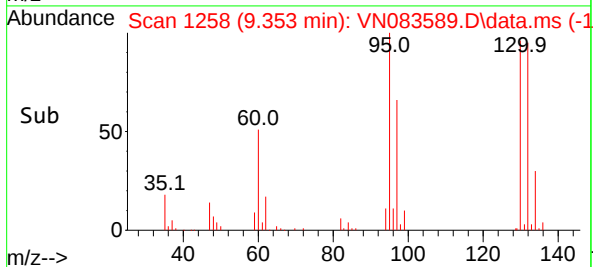
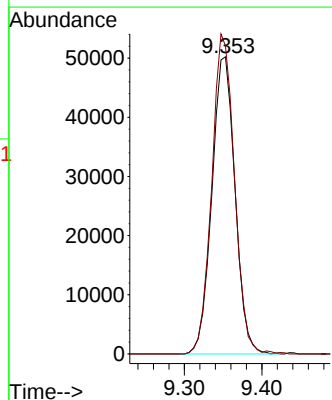
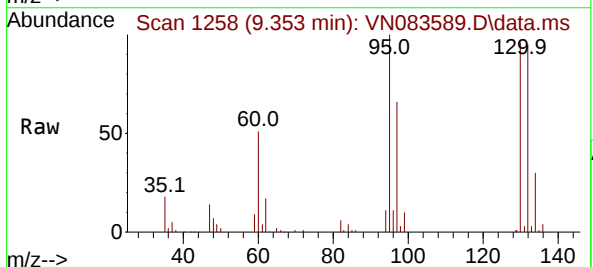
Manual Integrations
APPROVED

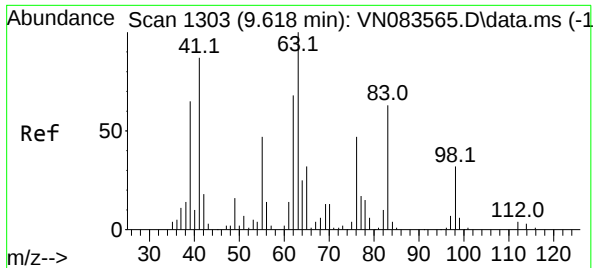
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#44
Trichloroethene
Concen: 48.200 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Tgt Ion:130 Resp: 104019
Ion Ratio Lower Upper
130 100
95 103.7 0.0 200.4





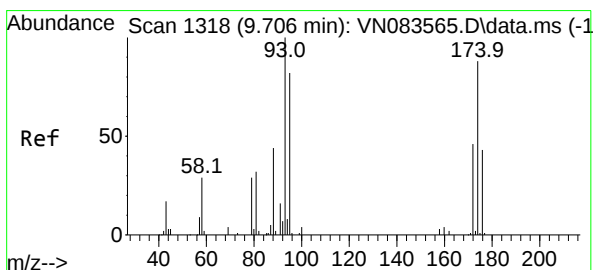
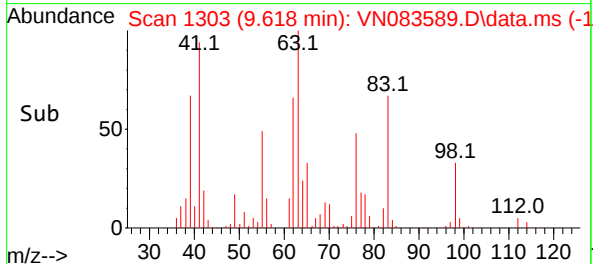
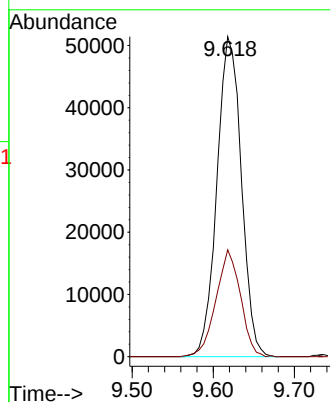
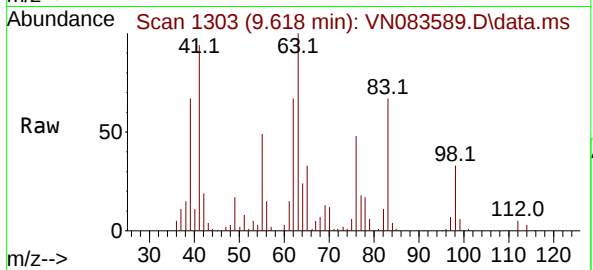
#45
1,2-Dichloropropane
Concen: 51.500 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 107620
Ion Ratio Lower Upper
63 100
65 33.4 25.9 38.9

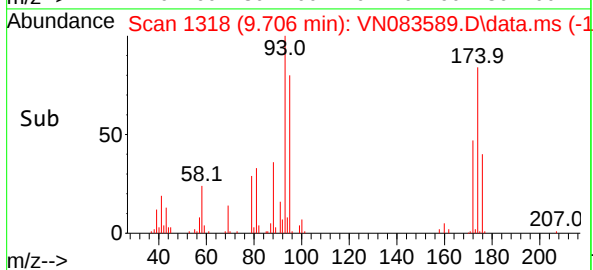
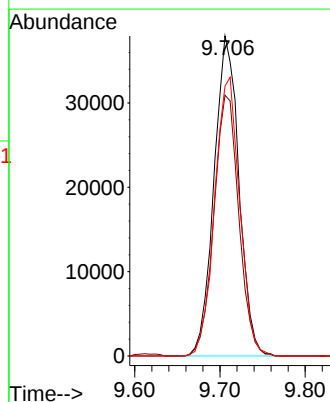
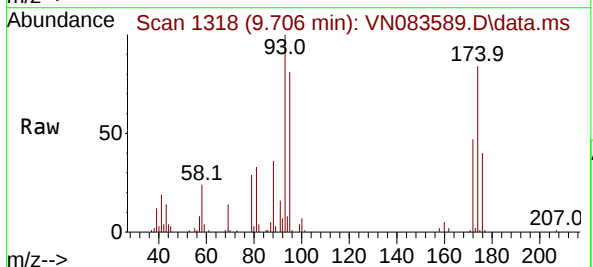
Manual Integrations
APPROVED

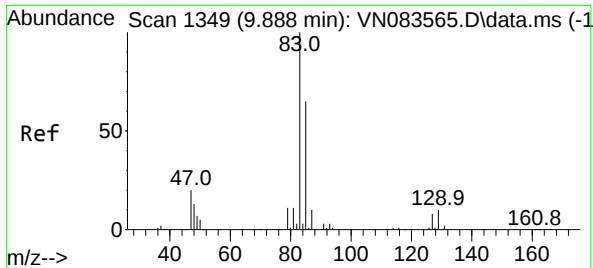
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#46
Dibromomethane
Concen: 49.913 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

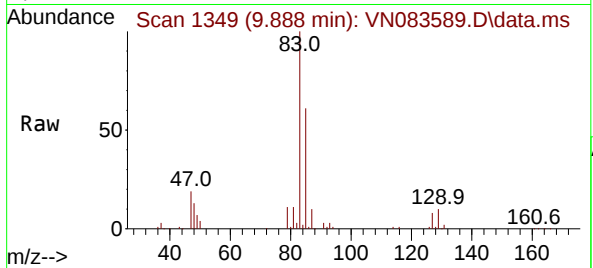
Tgt Ion: 93 Resp: 76954
Ion Ratio Lower Upper
93 100
95 81.6 65.3 97.9
174 87.4 71.0 106.4





#47
Bromodichloromethane
Concen: 51.674 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

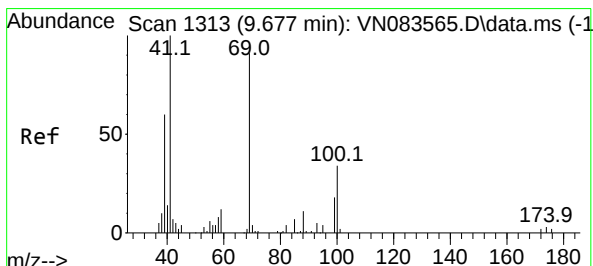
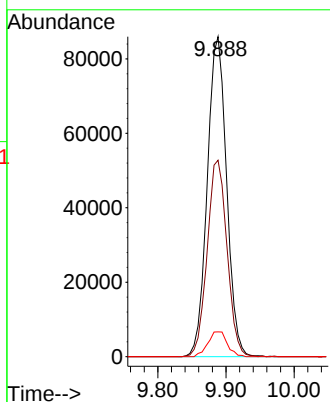
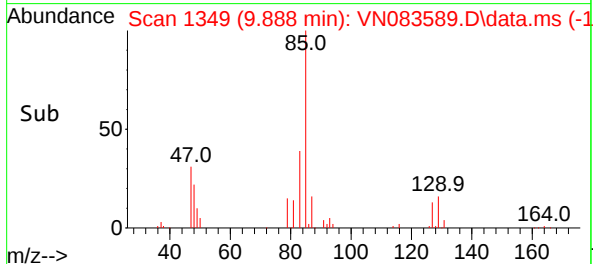
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



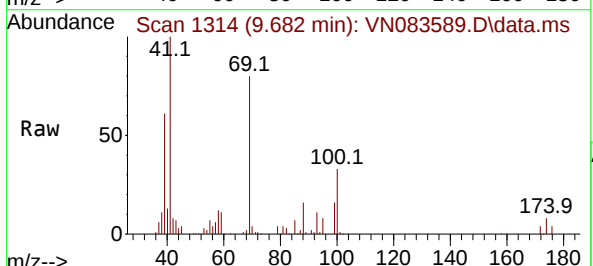
Tgt Ion: 83 Resp: 16959
Ion Ratio Lower Upper
83 100
85 61.4 51.8 77.8
127 7.7 6.6 9.8

Manual Integrations
APPROVED

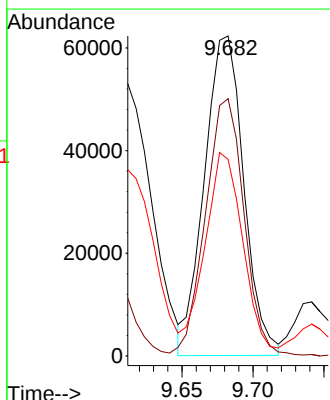
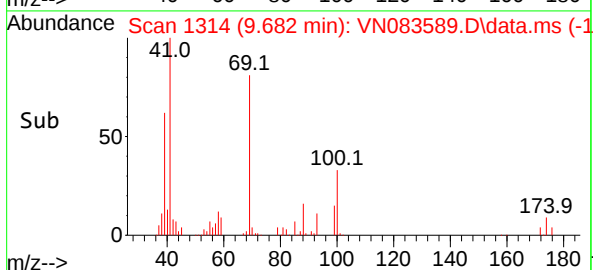
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

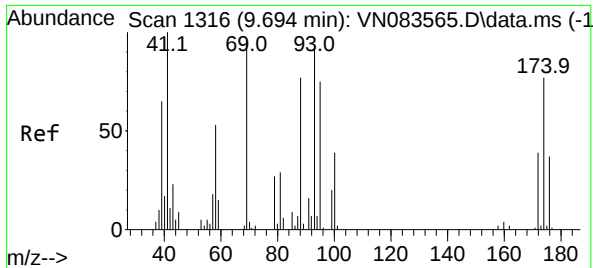


#48
Methyl methacrylate
Concen: 50.424 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



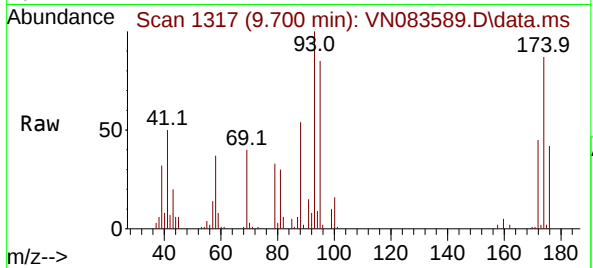
Tgt Ion: 41 Resp: 120036
Ion Ratio Lower Upper
41 100
69 79.1 64.3 96.5
39 62.1 48.9 73.3





#49
1,4-Dioxane
Concen: 914.705 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

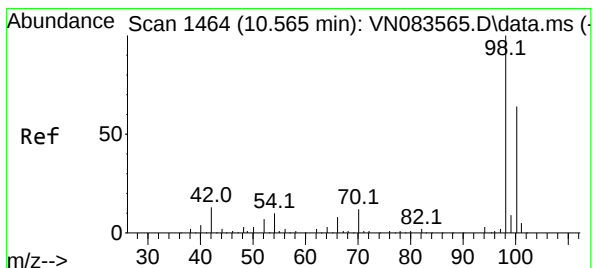
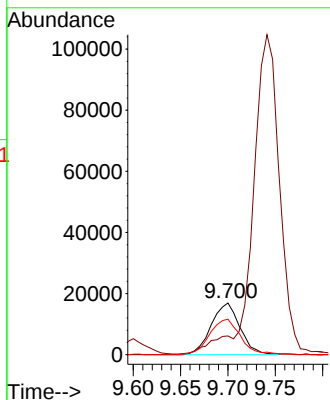
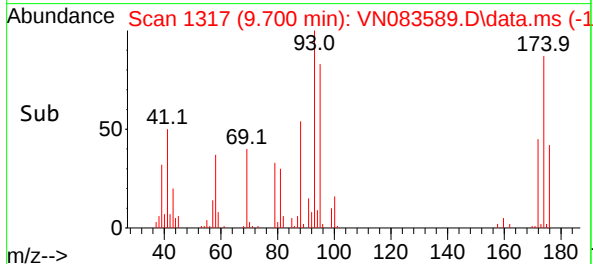
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 35680
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.8 57.1 85.7

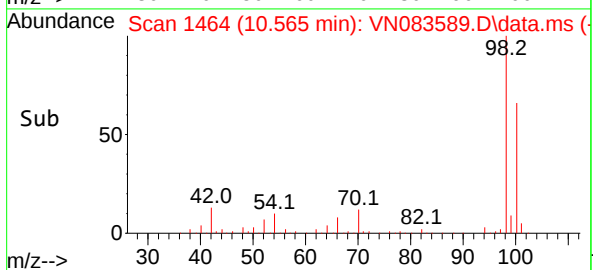
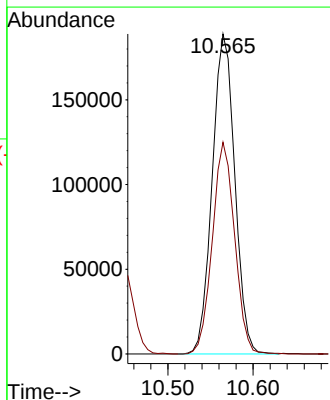
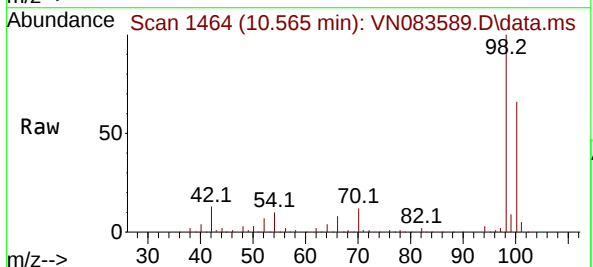
Manual Integrations
APPROVED

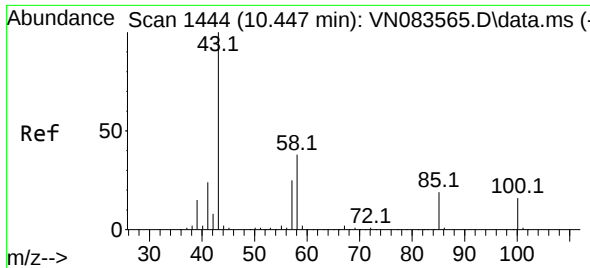
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#50
Toluene-d8
Concen: 46.683 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Tgt Ion: 98 Resp: 347388
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





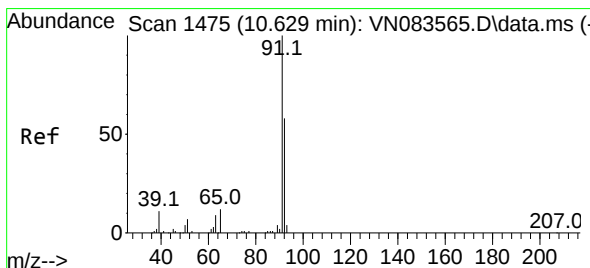
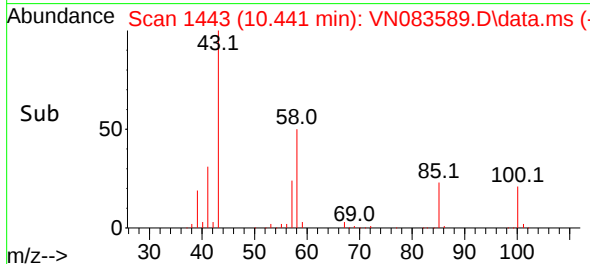
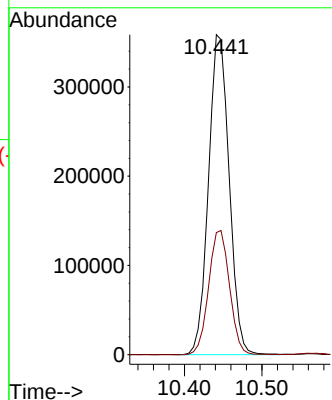
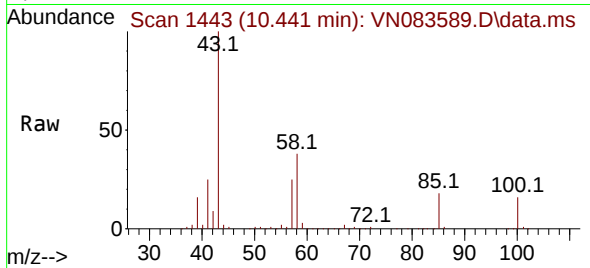
#51
4-Methyl-2-Pentanone
Concen: 246.331 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 664673
Ion Ratio Lower Upper
43 100
58 39.2 31.6 47.4

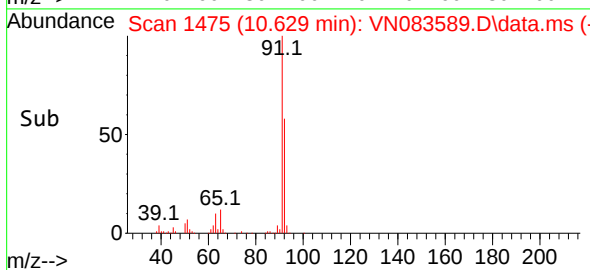
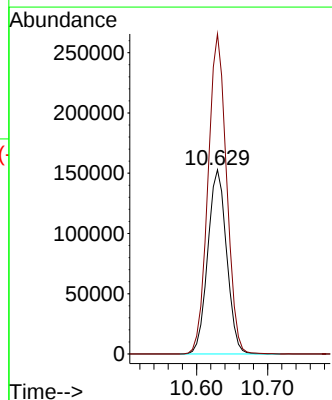
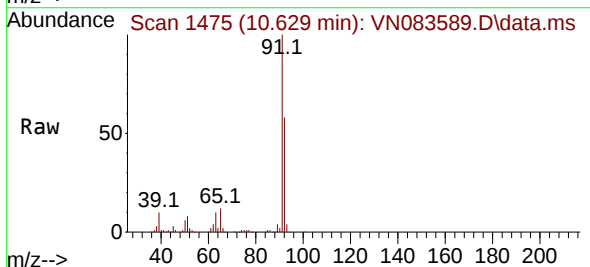
Manual Integrations
APPROVED

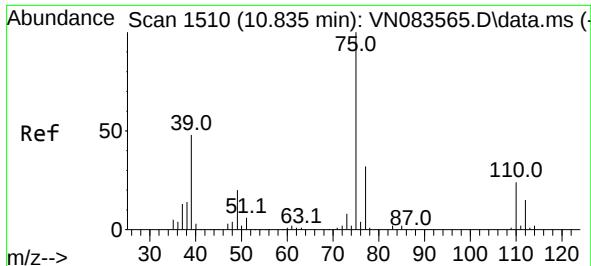
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#52
Toluene
Concen: 50.191 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

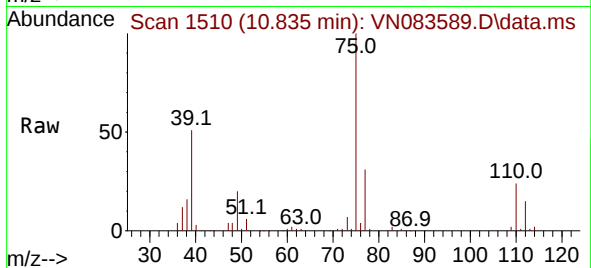
Tgt Ion: 92 Resp: 281608
Ion Ratio Lower Upper
92 100
91 171.2 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 48.664 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

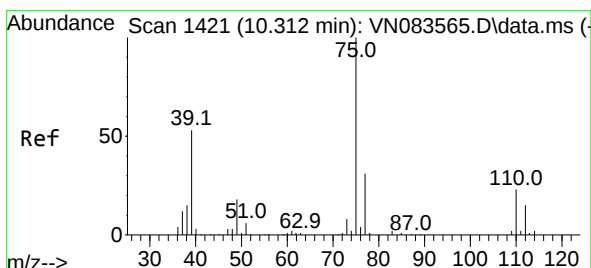
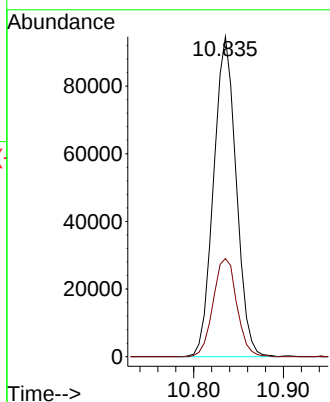
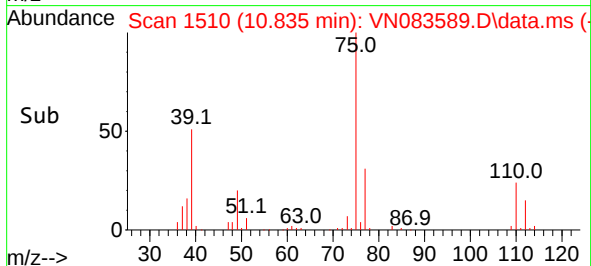
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 165338
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6

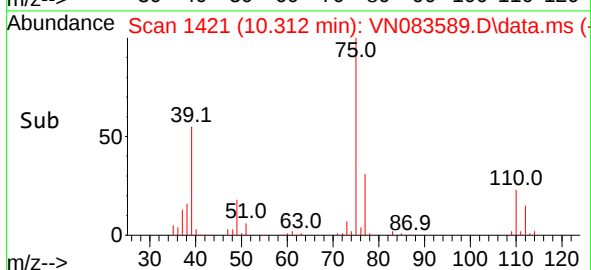
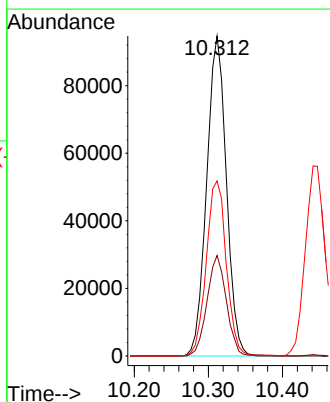
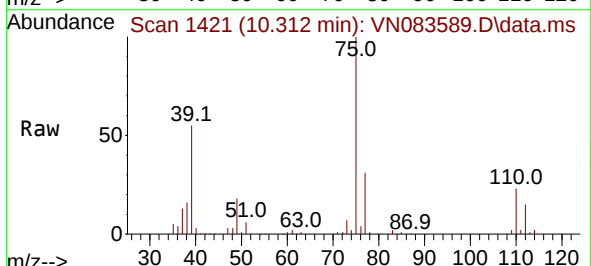
Manual Integrations
APPROVED

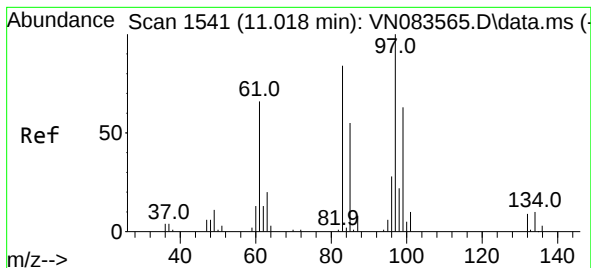
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#54
cis-1,3-Dichloropropene
Concen: 48.956 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

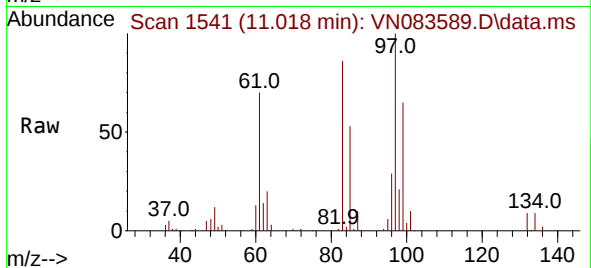
Tgt Ion: 75 Resp: 174585
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6
39 54.7 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 50.585 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

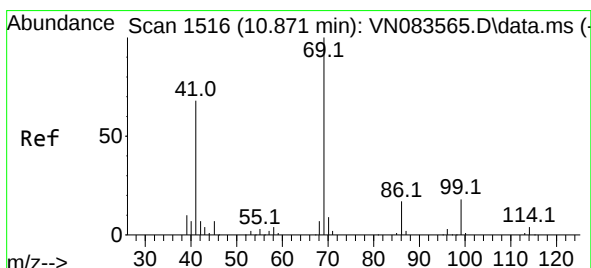
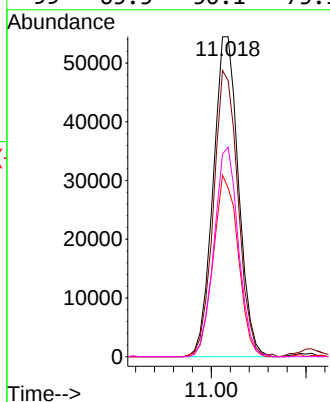
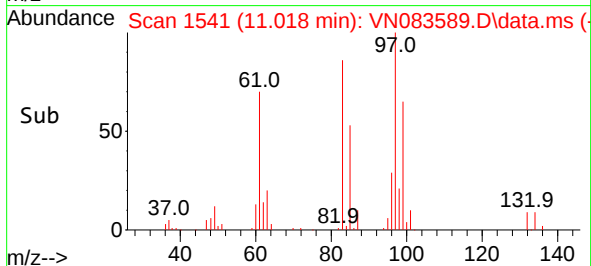
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



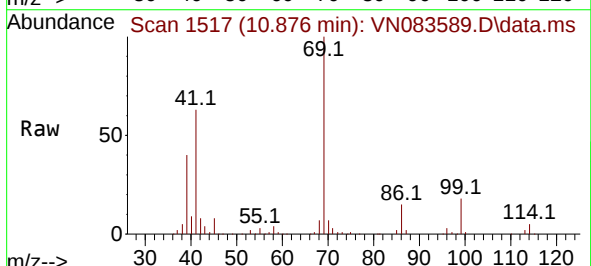
Tgt Ion: 97 Resp: 10130
Ion Ratio Lower Upper
97 100
83 86.3 67.5 101.3
85 52.8 44.2 66.2
99 65.5 50.1 75.1

Manual Integrations
APPROVED

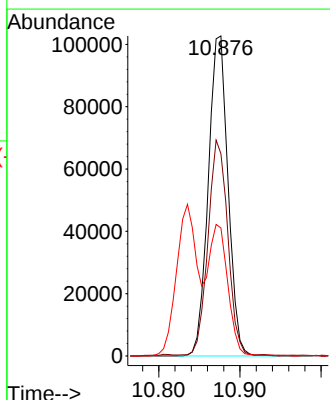
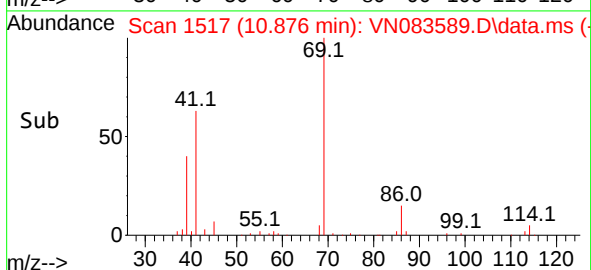
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

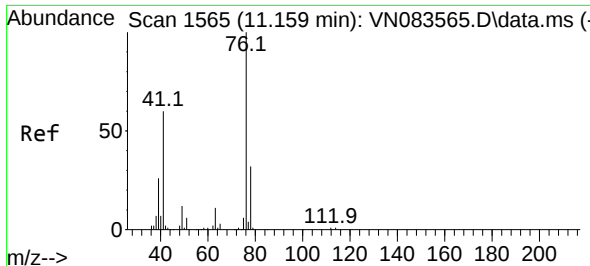


#56
Ethyl methacrylate
Concen: 52.384 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



Tgt Ion: 69 Resp: 173544
Ion Ratio Lower Upper
69 100
41 67.2 53.9 80.9
39 41.0 32.6 48.8





#57

1,3-Dichloropropane

Concen: 50.553 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 179228

Ion Ratio Lower Upper

76 100

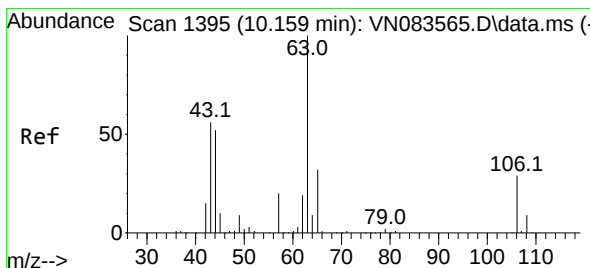
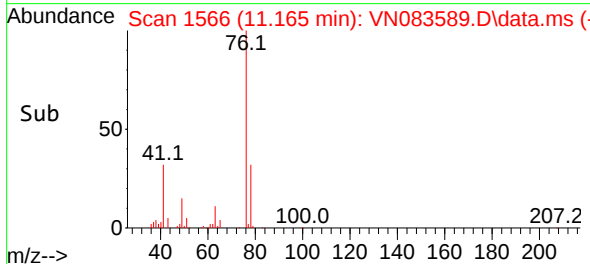
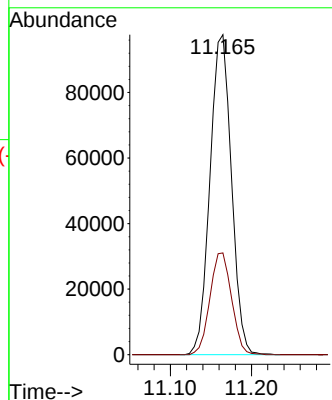
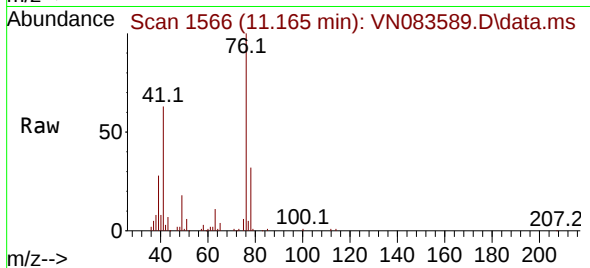
78 32.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#58

2-Chloroethyl Vinyl ether

Concen: 261.158 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083589.D

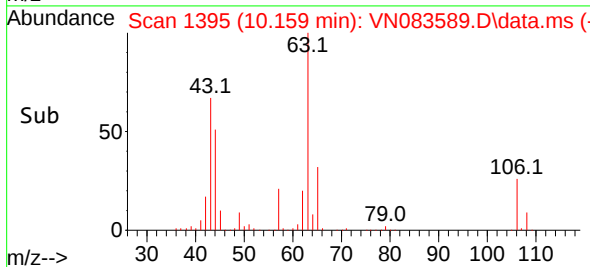
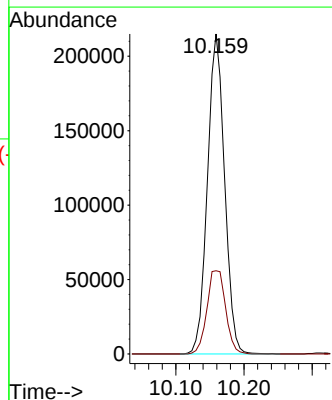
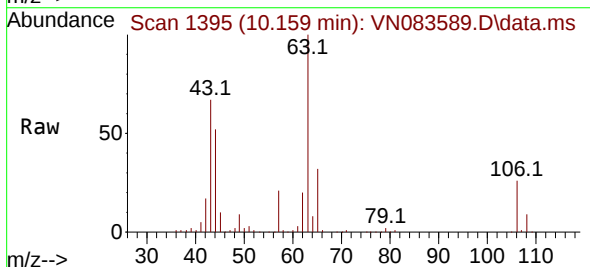
Acq: 31 Aug 2024 01:56

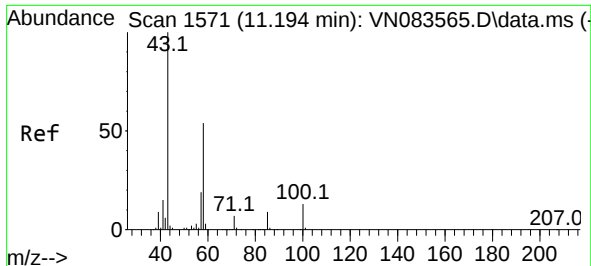
Tgt Ion: 63 Resp: 375940

Ion Ratio Lower Upper

63 100

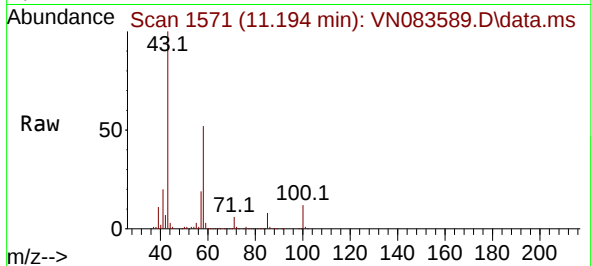
106 28.4 23.3 34.9





#59
2-Hexanone
Concen: 240.740 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

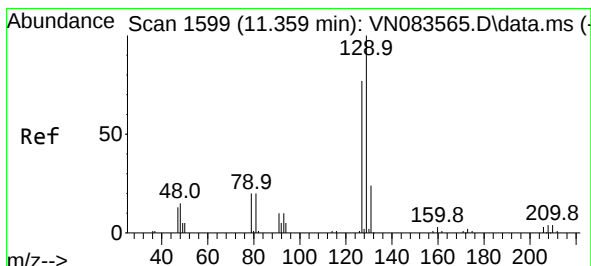
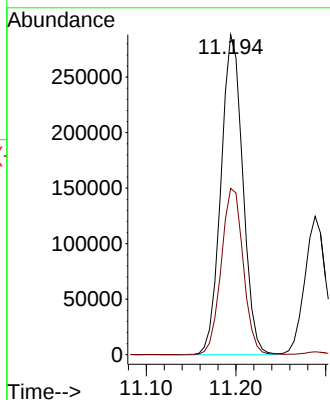
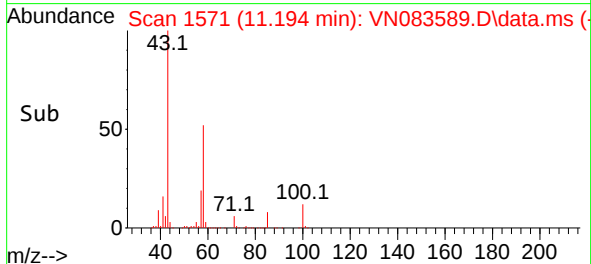
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 487500
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.5

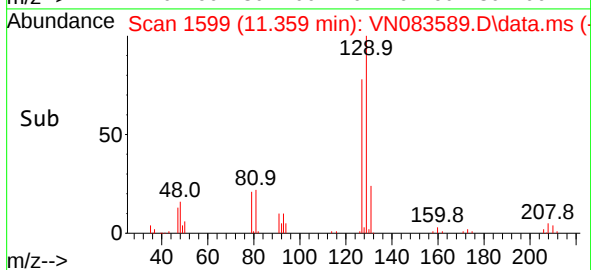
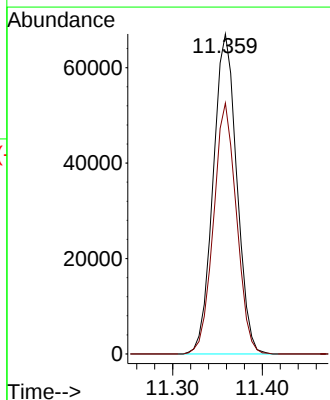
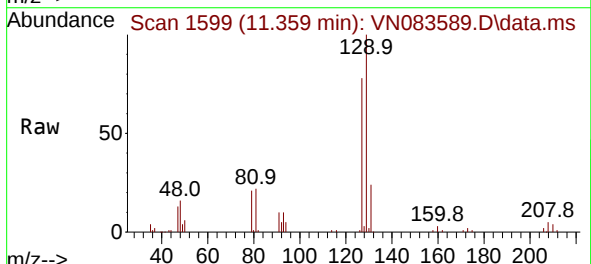
Manual Integrations
APPROVED

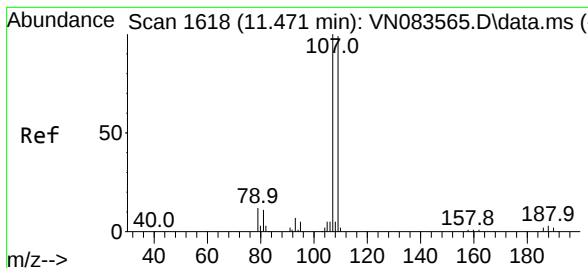
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#60
Dibromochloromethane
Concen: 52.811 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

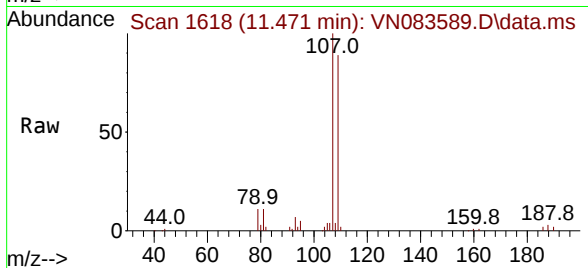
Tgt Ion:129 Resp: 122544
Ion Ratio Lower Upper
129 100
127 76.1 39.0 116.9





#61
1,2-Dibromoethane
Concen: 50.666 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

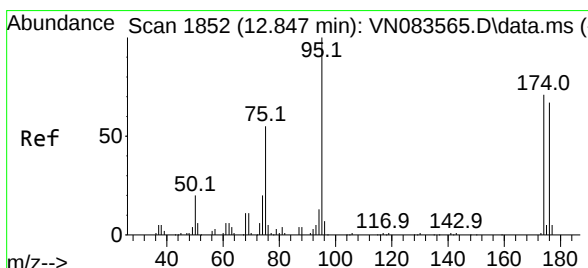
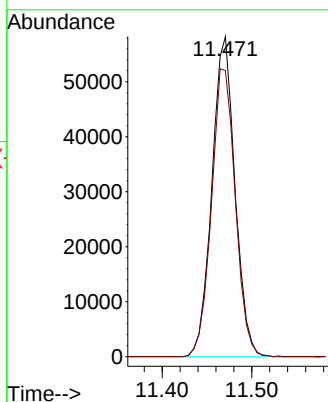
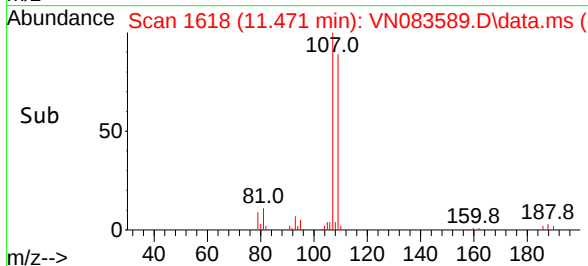
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



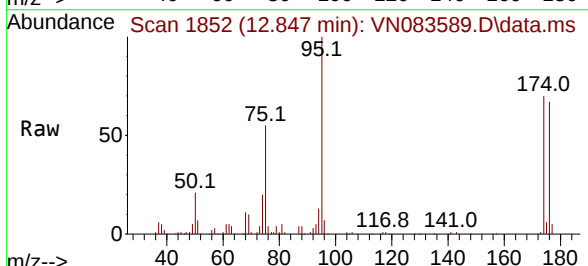
Tgt Ion:107 Resp: 10366
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4

Manual Integrations
APPROVED

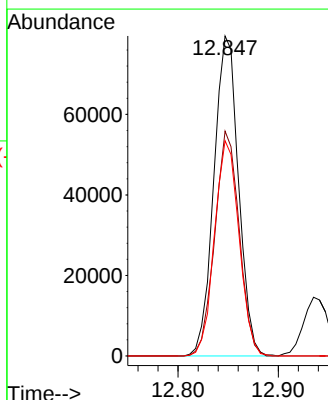
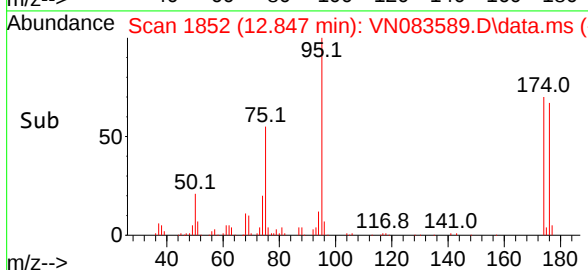
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

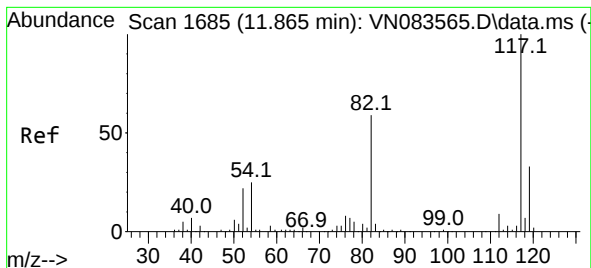


#62
4-Bromofluorobenzene
Concen: 49.160 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



Tgt Ion: 95 Resp: 135588
Ion Ratio Lower Upper
95 100
174 69.5 0.0 139.8
176 67.0 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 278572

Ion Ratio Lower Upper

117 100

82 60.4 47.4 71.0

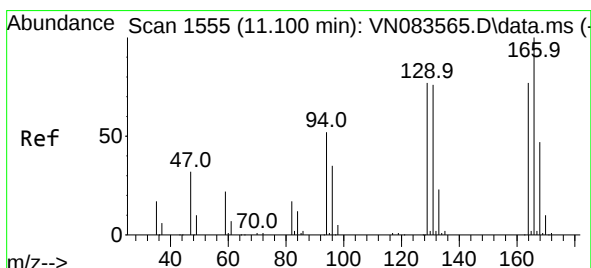
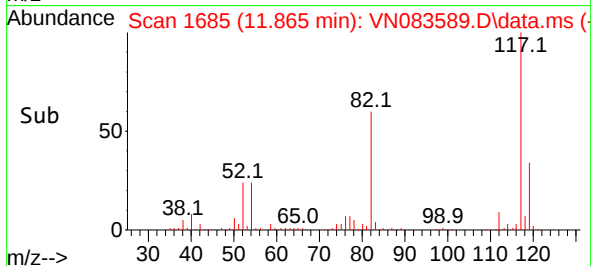
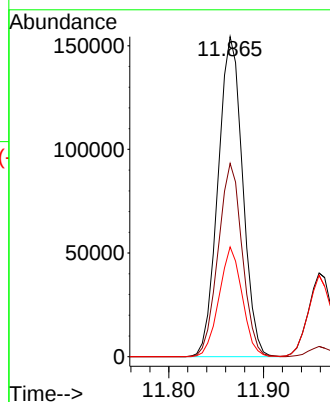
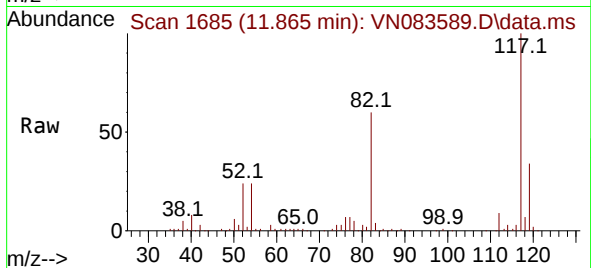
119 34.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#64

Tetrachloroethene

Concen: 49.984 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Tgt Ion:164 Resp: 91523

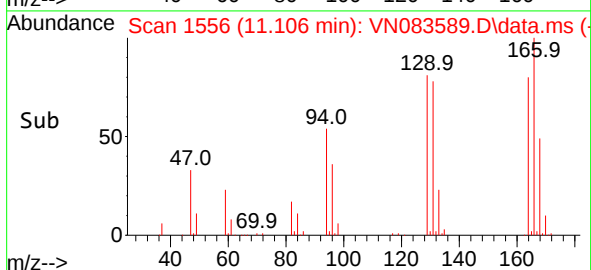
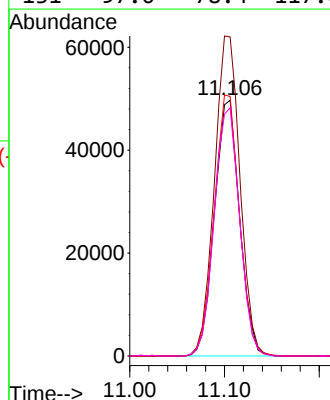
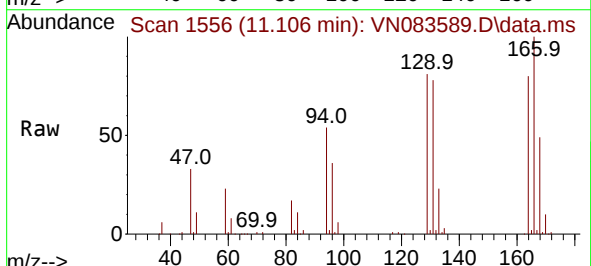
Ion Ratio Lower Upper

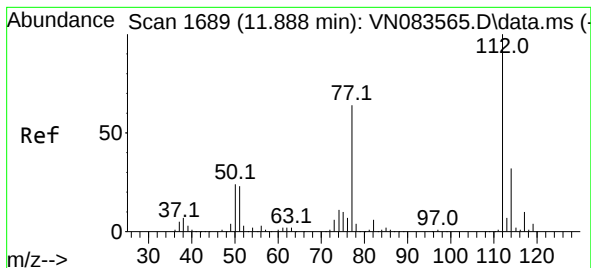
164 100

166 124.8 103.7 155.5

129 101.5 79.9 119.9

131 97.0 78.4 117.6





#65

Chlorobenzene

Concen: 47.173 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 29470

Ion Ratio Lower Upper

112 100

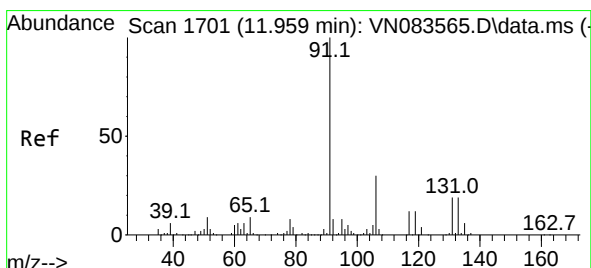
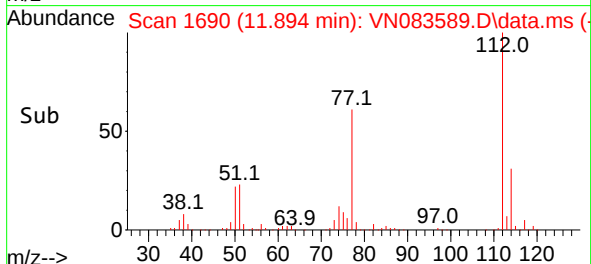
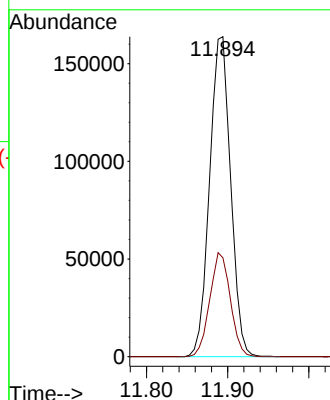
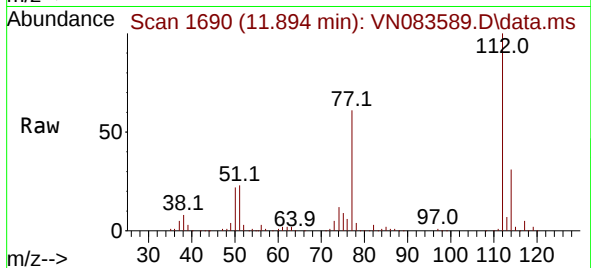
114 30.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 50.063 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

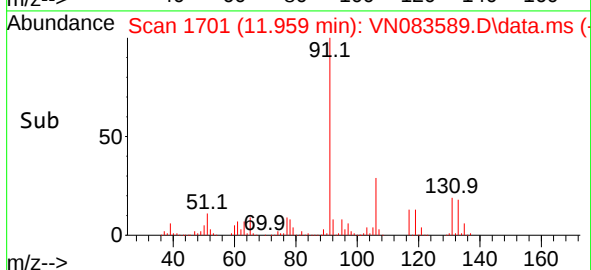
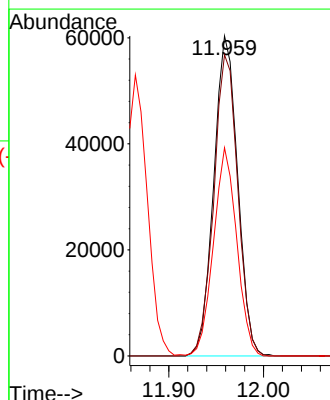
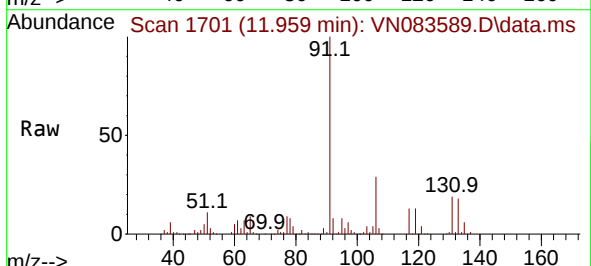
Tgt Ion:131 Resp: 105598

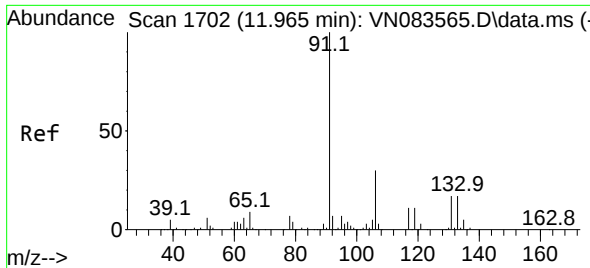
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

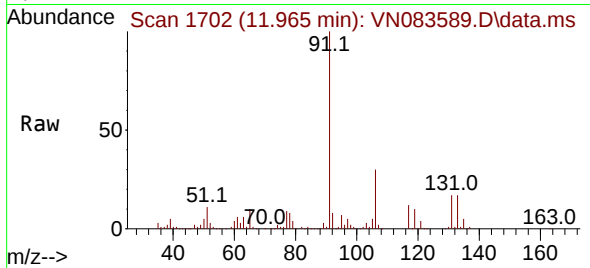
119 63.5 31.6 94.8





#67
Ethyl Benzene
Concen: 48.862 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

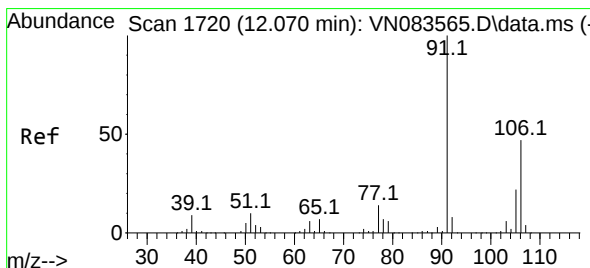
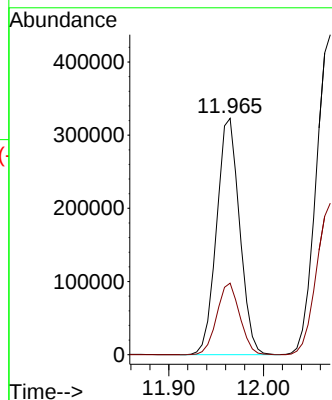
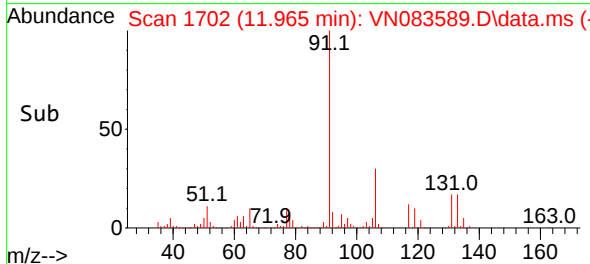
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 544899
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

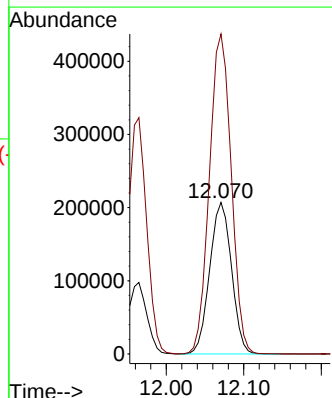
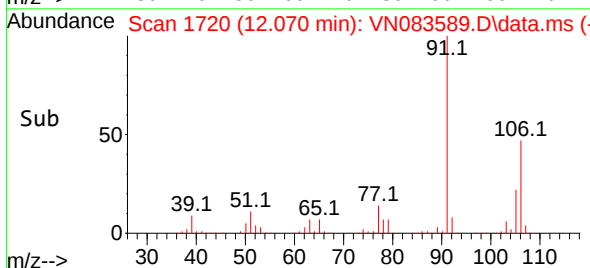
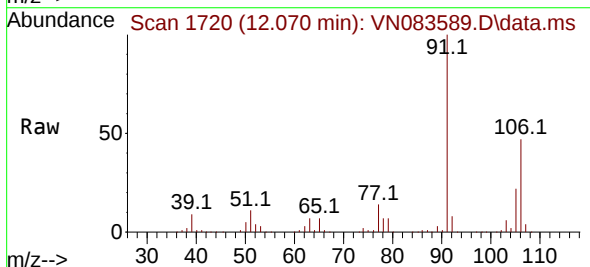
Manual Integrations
APPROVED

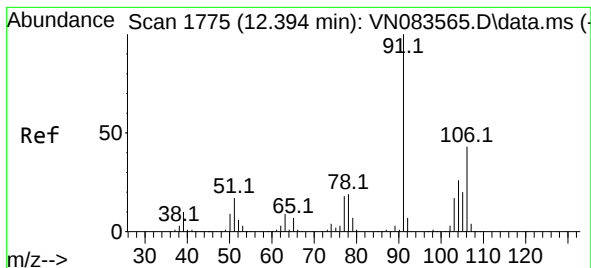
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#68
m/p-Xylenes
Concen: 96.166 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Tgt Ion:106 Resp: 403999
Ion Ratio Lower Upper
106 100
91 212.1 169.2 253.8





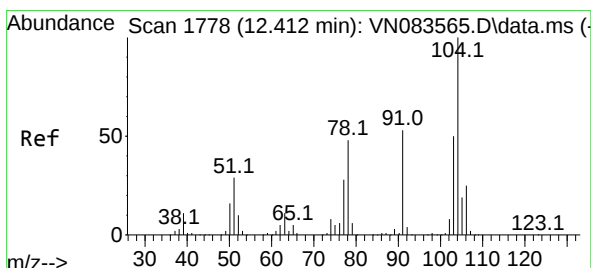
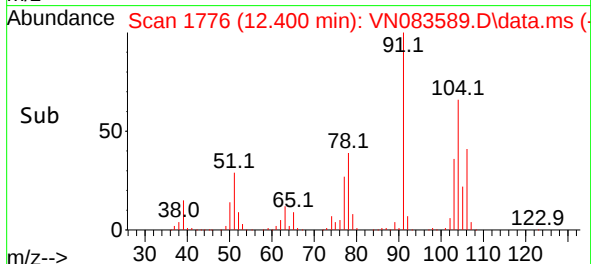
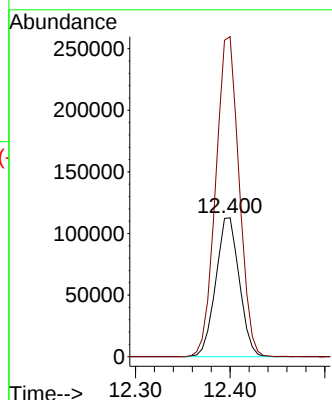
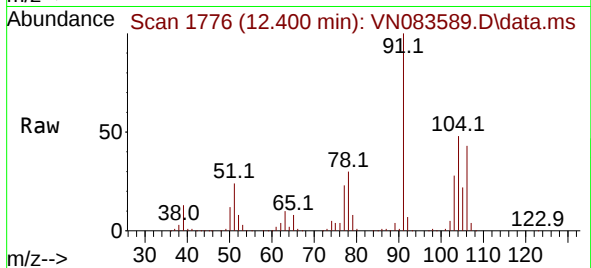
#69
o-Xylene
Concen: 47.936 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 194630
Ion Ratio Lower Upper
106 100
91 229.1 112.9 338.6

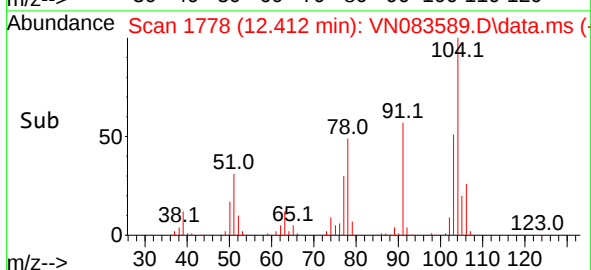
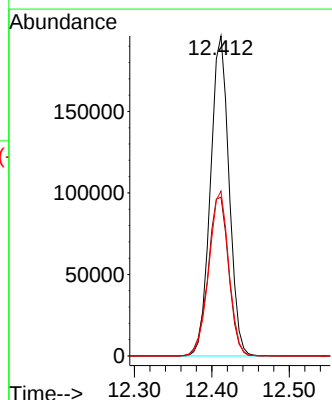
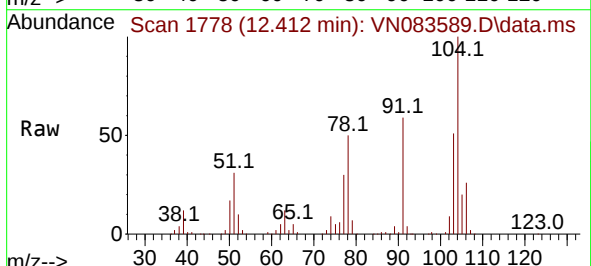
Manual Integrations
APPROVED

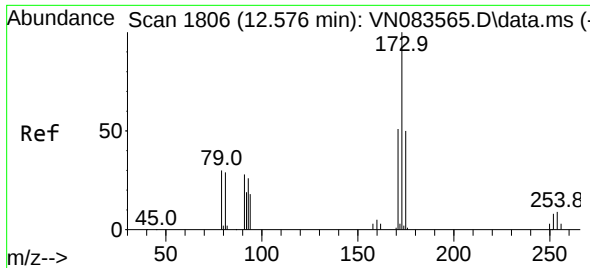
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#70
Styrene
Concen: 48.054 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

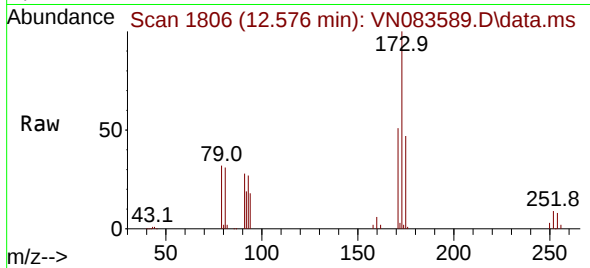
Tgt Ion:104 Resp: 328066
Ion Ratio Lower Upper
104 100
78 55.0 43.3 64.9
103 54.9 43.4 65.2





#71
Bromoform
Concen: 49.558 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

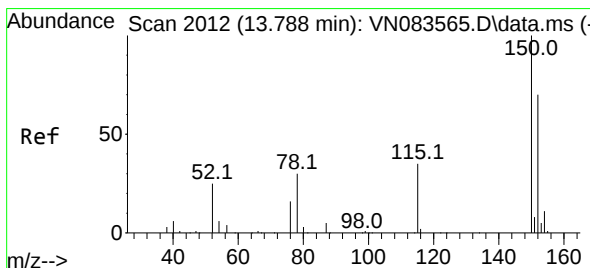
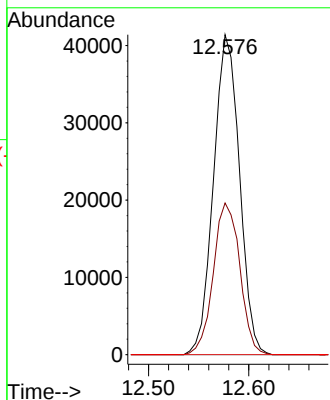
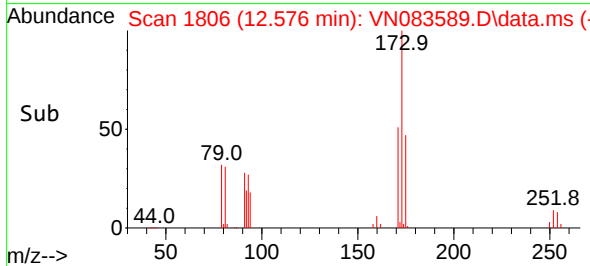
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



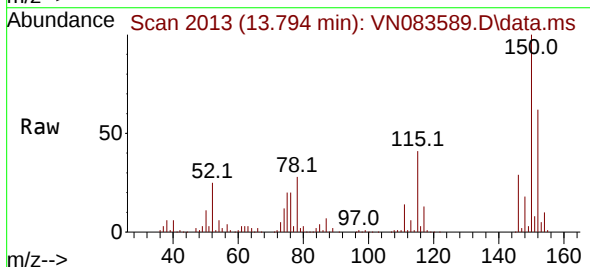
Tgt Ion:173 Resp: 74450
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

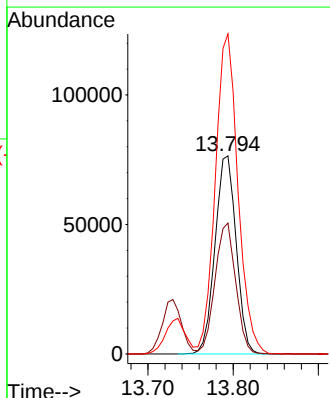
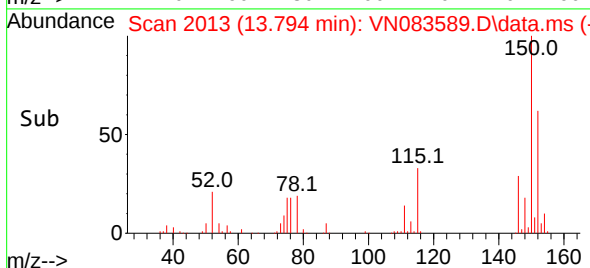
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

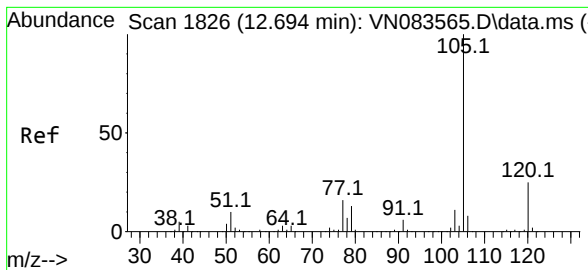


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



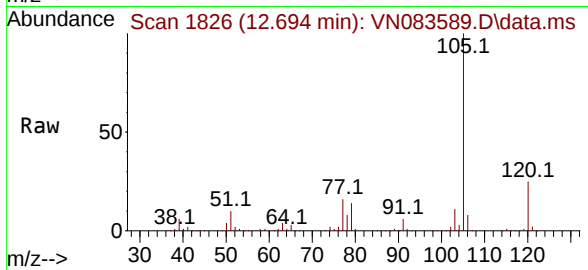
Tgt Ion:152 Resp: 132098
Ion Ratio Lower Upper
152 100
115 64.7 32.2 96.6
150 172.9 0.0 348.6





#73
Isopropylbenzene
Concen: 48.379 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

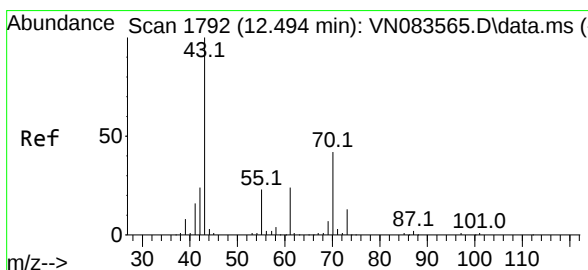
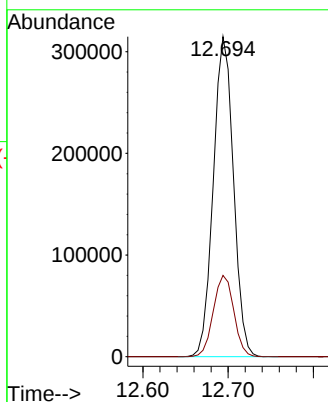
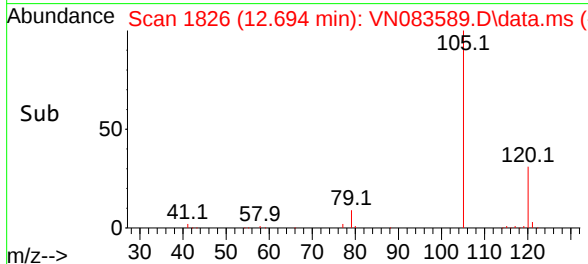
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



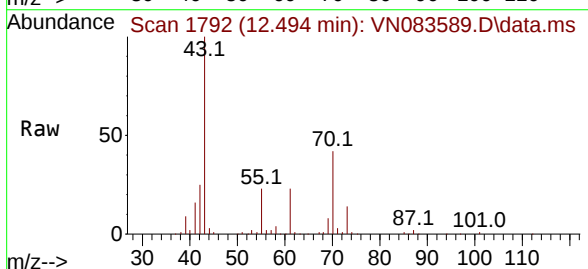
Tgt Ion:105 Resp: 517259
Ion Ratio Lower Upper
105 100
120 25.8 12.6 37.8

Manual Integrations
APPROVED

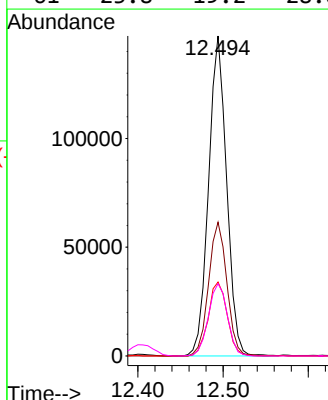
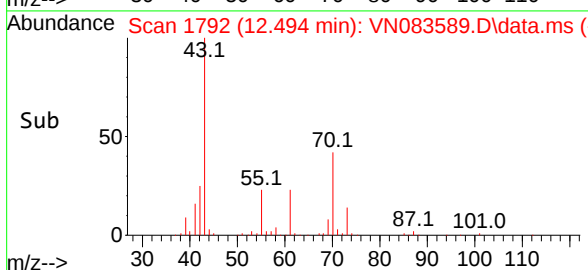
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

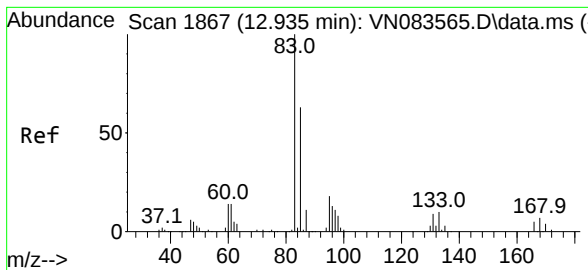


#74
N-ethyl acetate
Concen: 46.672 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



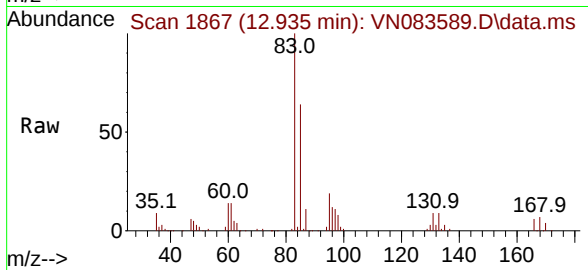
Tgt Ion: 43 Resp: 216591
Ion Ratio Lower Upper
43 100
70 42.3 34.5 51.7
55 24.2 18.6 28.0
61 23.8 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 45.849 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

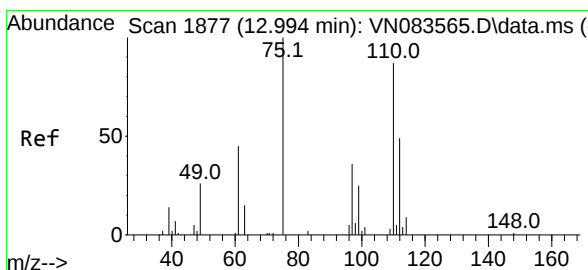
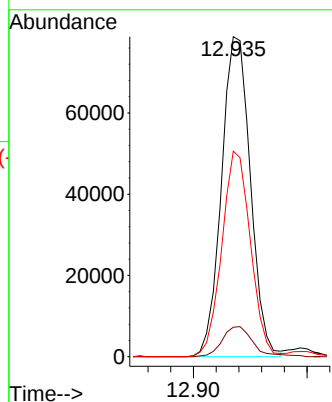
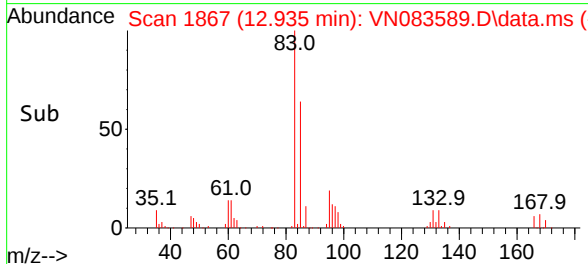
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



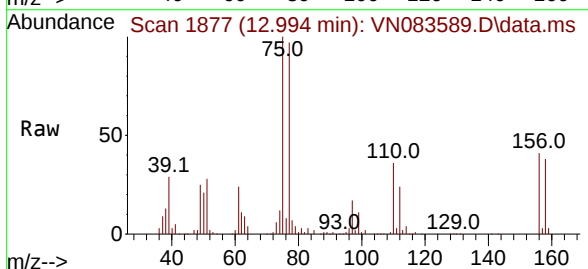
Tgt Ion: 83 Resp: 139164
Ion Ratio Lower Upper
83 100
131 10.0 5.2 15.6
85 63.6 31.9 95.9

Manual Integrations
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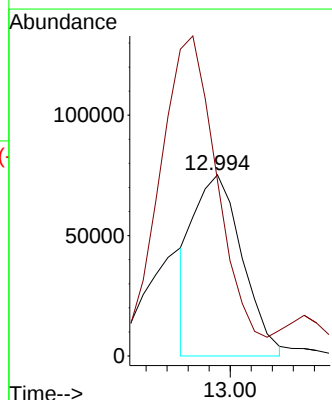
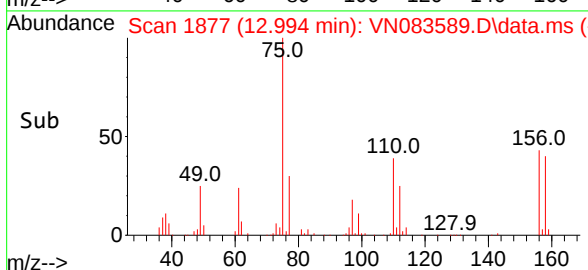
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

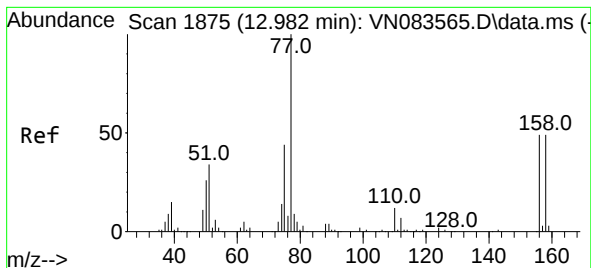


#76
1,2,3-Trichloropropane
Concen: 45.434 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



Tgt Ion: 75 Resp: 121173
Ion Ratio Lower Upper
75 100
77 213.8 95.2 285.6





#77

Bromobenzene

Concen: 45.308 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 113650

Ion Ratio Lower Upper

156 100

77 227.9 114.3 343.1

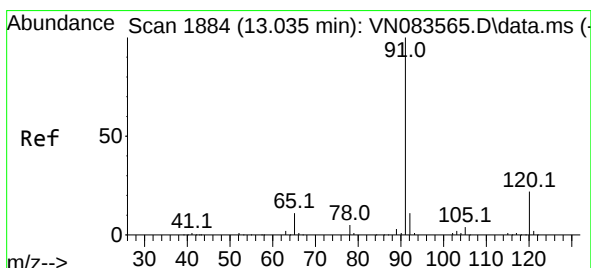
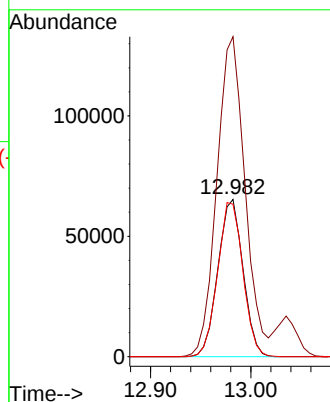
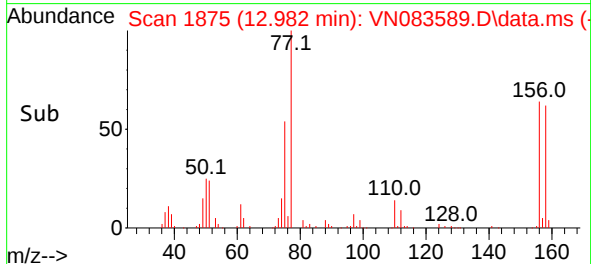
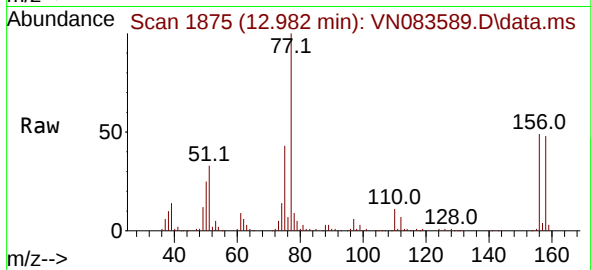
158 98.8 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#78

n-propylbenzene

Concen: 48.629 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083589.D

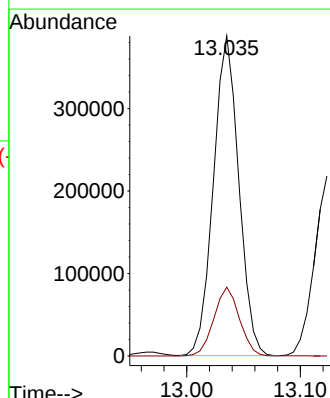
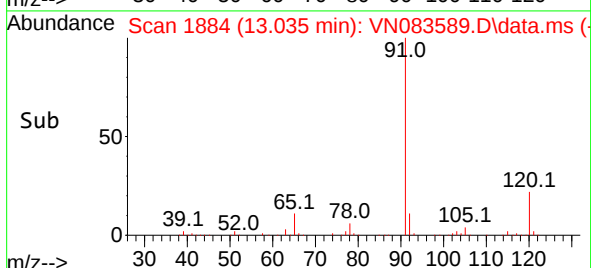
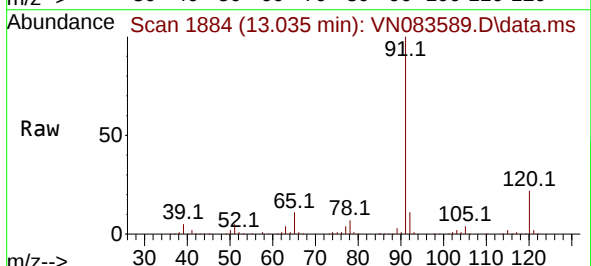
Acq: 31 Aug 2024 01:56

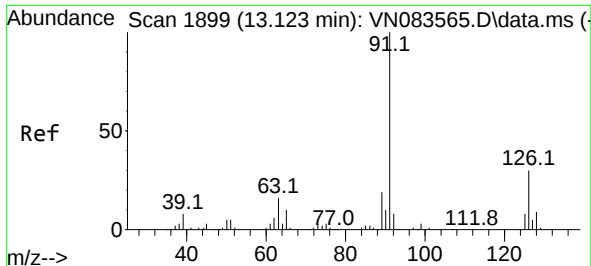
Tgt Ion: 91 Resp: 601127

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0





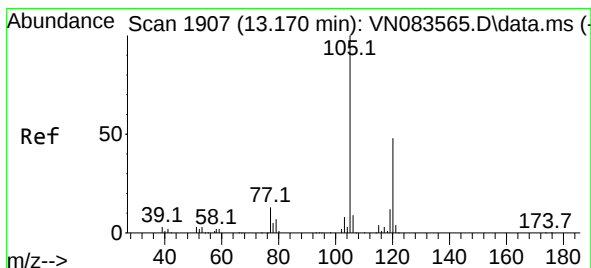
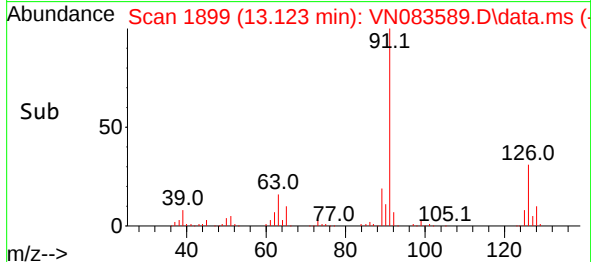
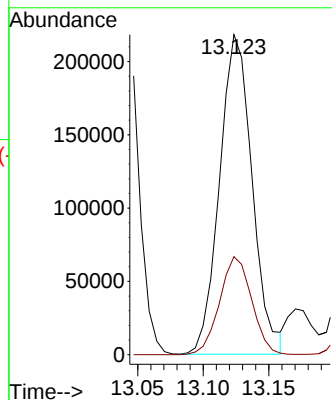
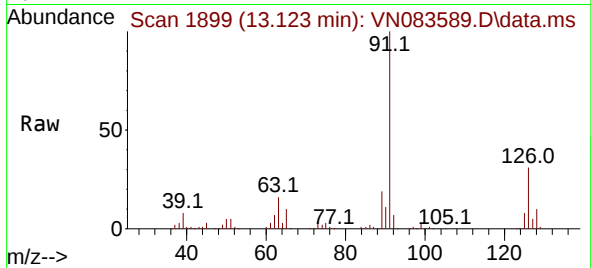
#79
2-Chlorotoluene
Concen: 47.056 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 376932
Ion Ratio Lower Upper
91 100
126 30.2 15.4 46.2

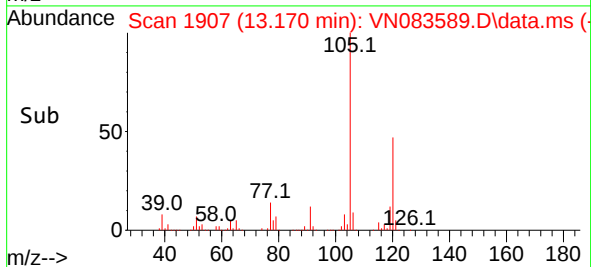
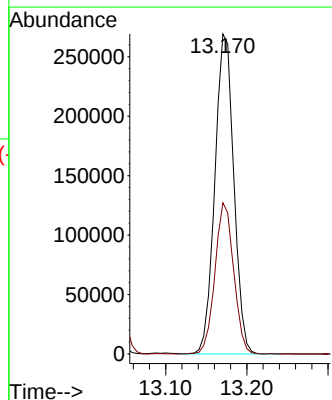
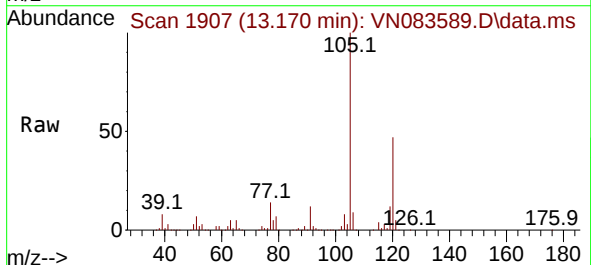
Manual Integrations
APPROVED

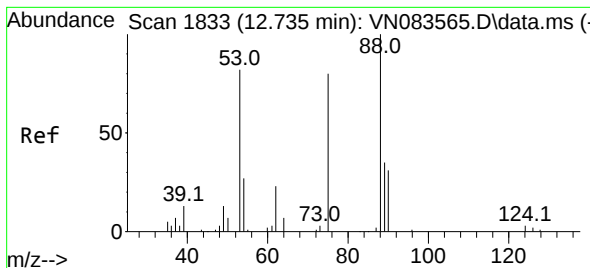
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.513 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Tgt Ion:105 Resp: 436952
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.3





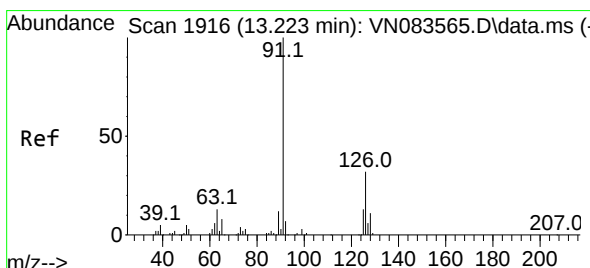
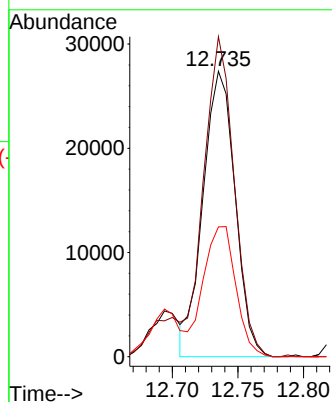
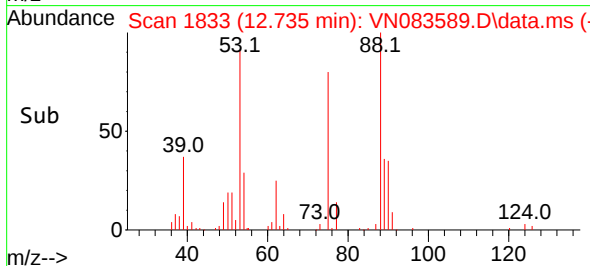
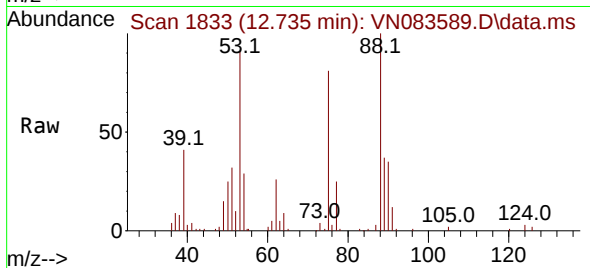
#81
trans-1,4-Dichloro-2-butene
Concen: 41.246 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 46640
Ion Ratio Lower Upper
75 100
53 120.2 81.2 121.8
89 45.7 35.7 53.5

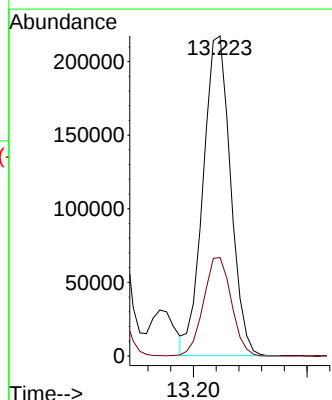
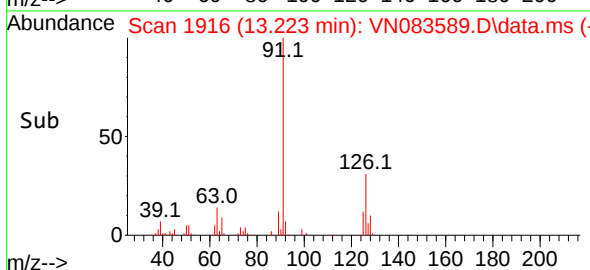
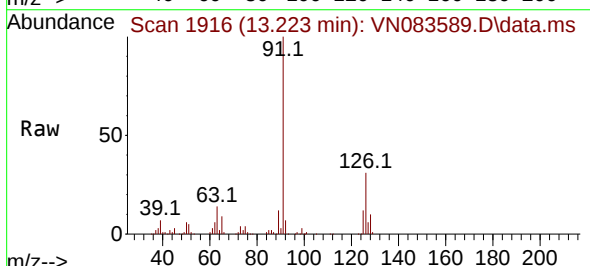
Manual Integrations
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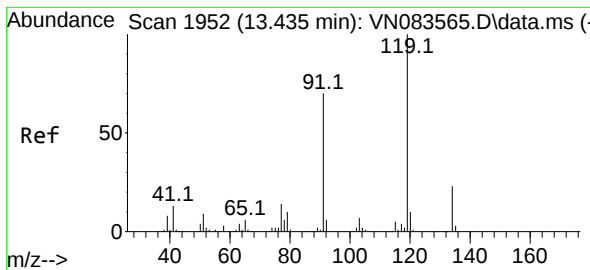
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#82
4-Chlorotoluene
Concen: 44.803 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

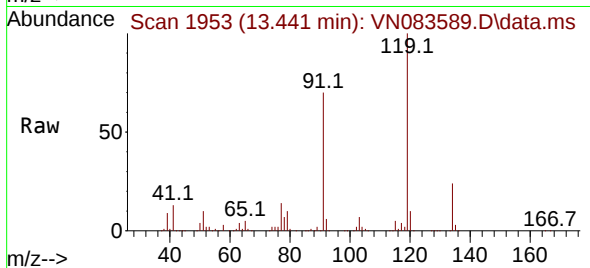
Tgt Ion: 91 Resp: 364586
Ion Ratio Lower Upper
91 100
126 31.2 15.4 46.2





#83
tert-Butylbenzene
Concen: 48.072 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

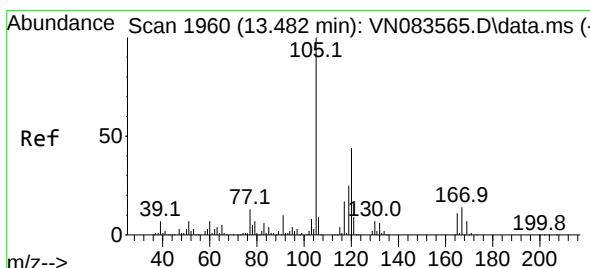
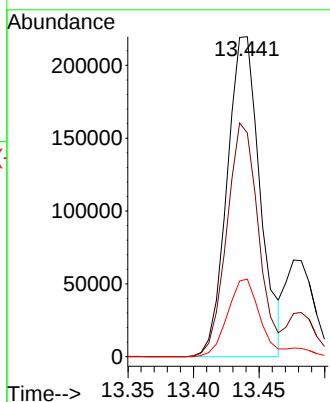
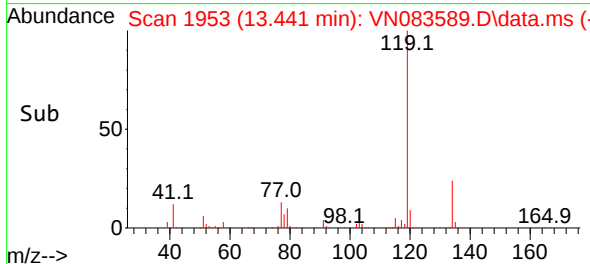
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



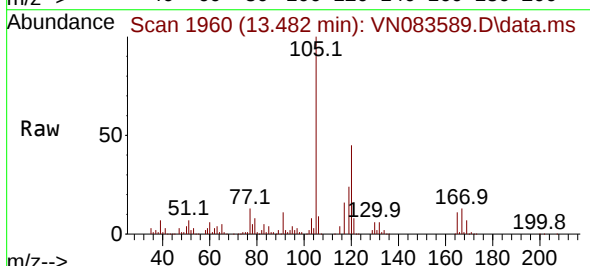
Tgt Ion:119 Resp: 384950
Ion Ratio Lower Upper
119 100
91 70.0 34.5 103.6
134 23.8 12.8 38.4

Manual Integrations
APPROVED

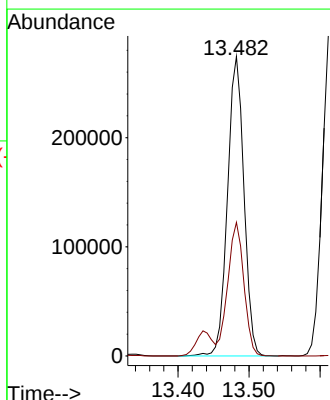
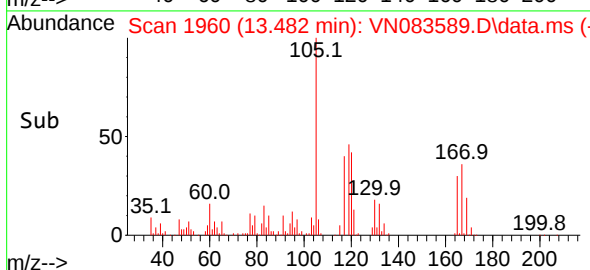
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

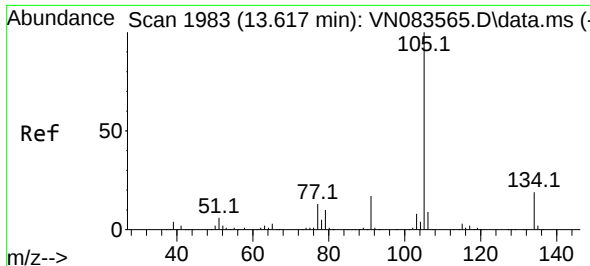


#84
1,2,4-Trimethylbenzene
Concen: 48.599 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



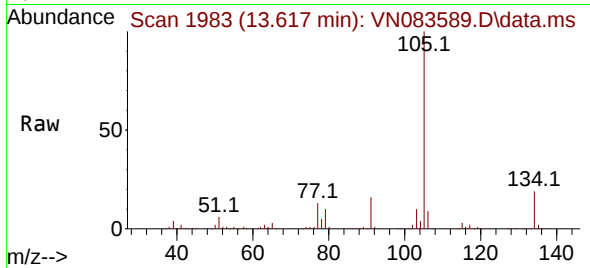
Tgt Ion:105 Resp: 440596
Ion Ratio Lower Upper
105 100
120 43.8 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 48.805 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083589.D
 Acq: 31 Aug 2024 01:56

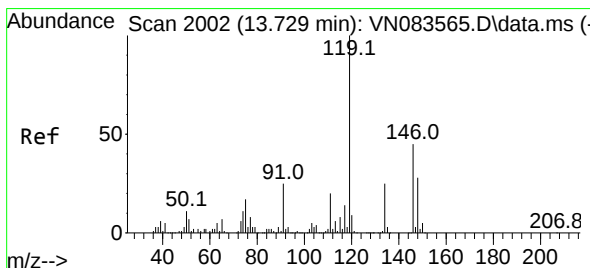
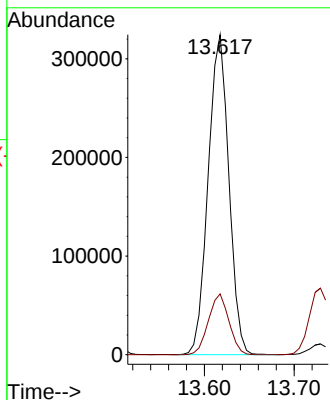
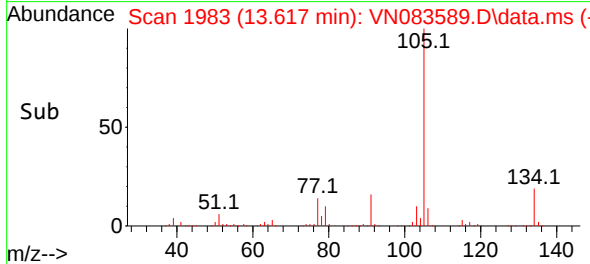
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



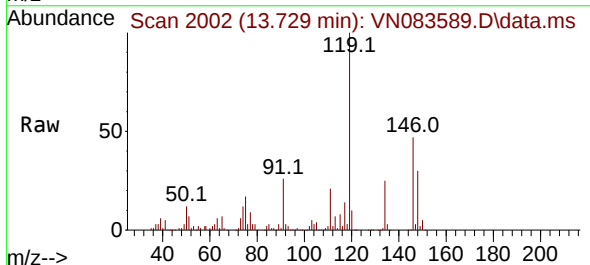
Tgt Ion:105 Resp: 51945
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 29.1

Manual Integrations
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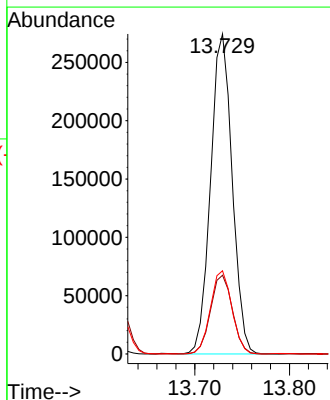
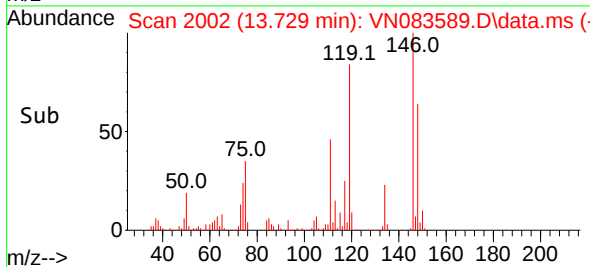
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

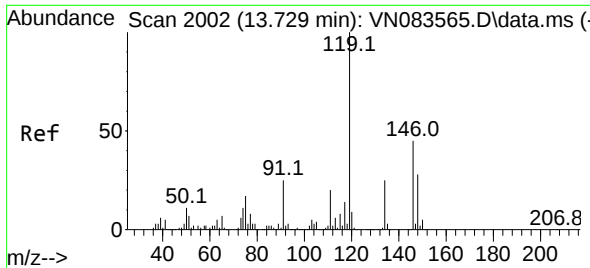


#86
 p-Isopropyltoluene
 Concen: 48.820 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083589.D
 Acq: 31 Aug 2024 01:56



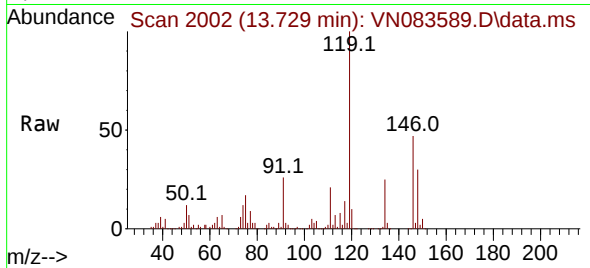
Tgt Ion:119 Resp: 433997
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 25.8 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 44.144 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

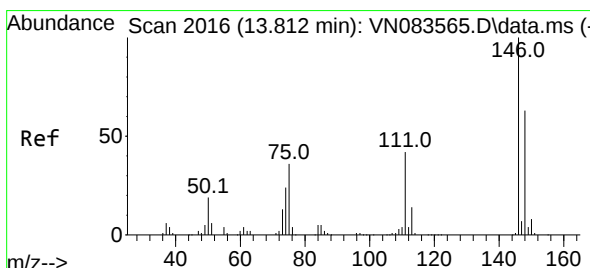
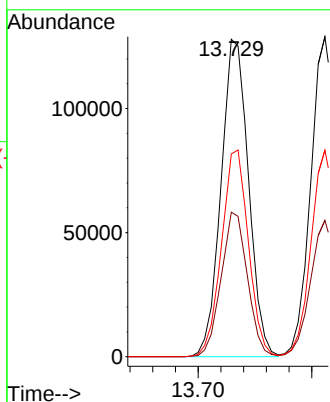
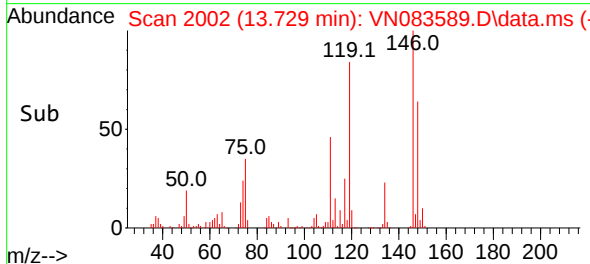
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



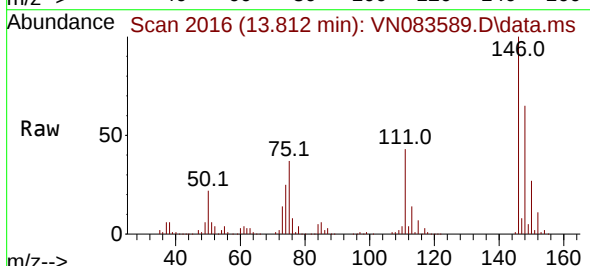
Tgt Ion:146 Resp: 21494
Ion Ratio Lower Upper
146 100
111 43.7 21.7 65.1
148 63.8 31.7 95.1

Manual Integrations
APPROVED

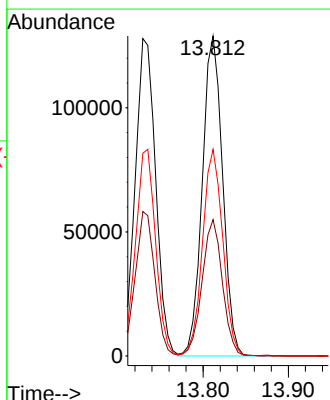
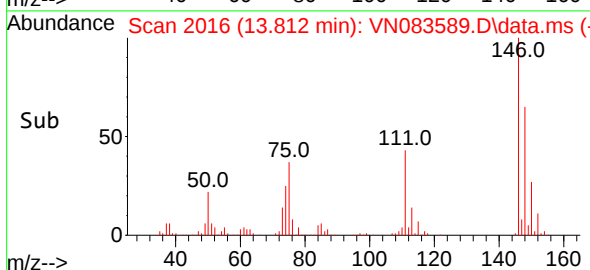
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

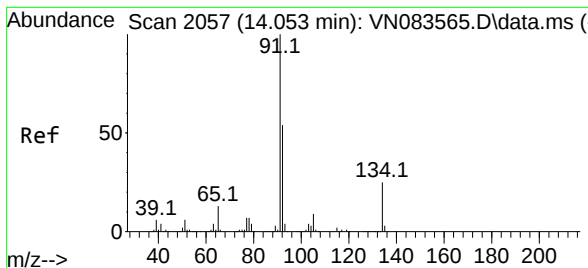


#88
1,4-Dichlorobenzene
Concen: 42.606 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56



Tgt Ion:146 Resp: 213173
Ion Ratio Lower Upper
146 100
111 42.5 21.3 64.0
148 64.3 32.0 96.2





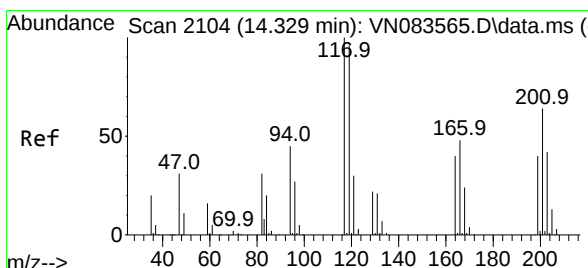
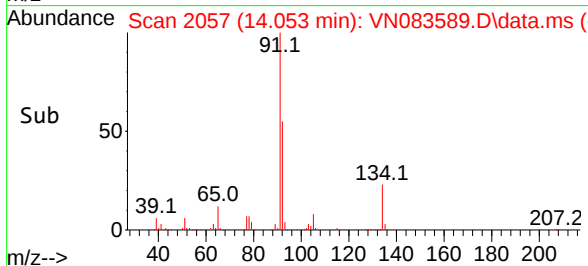
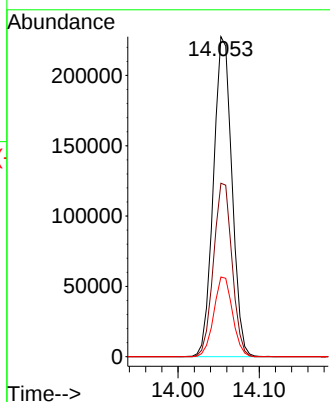
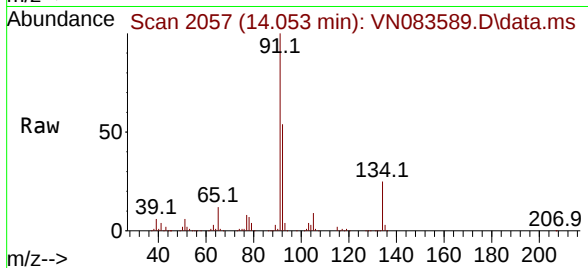
#89
n-Butylbenzene
Concen: 46.187 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 361170
Ion Ratio Lower Upper
91 100
92 54.2 26.7 80.1
134 25.1 12.2 36.4

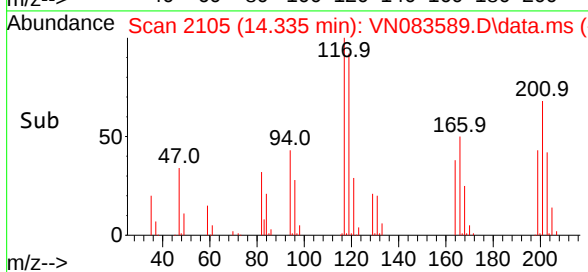
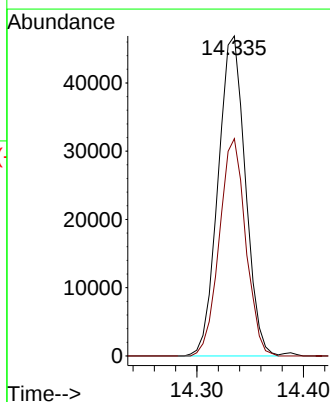
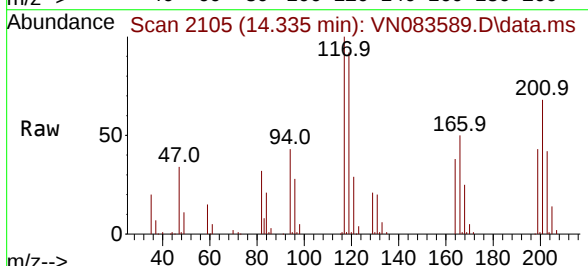
Manual Integrations
APPROVED

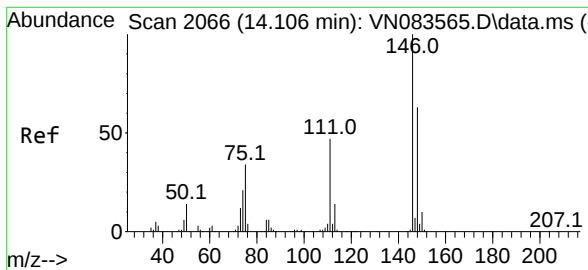
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#90
Hexachloroethane
Concen: 48.150 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

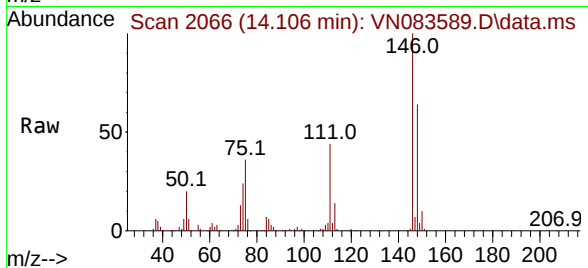
Tgt Ion:117 Resp: 83318
Ion Ratio Lower Upper
117 100
201 65.7 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 45.656 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

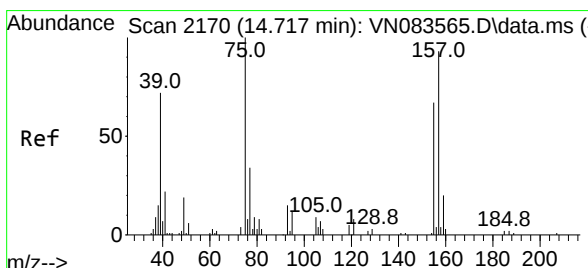
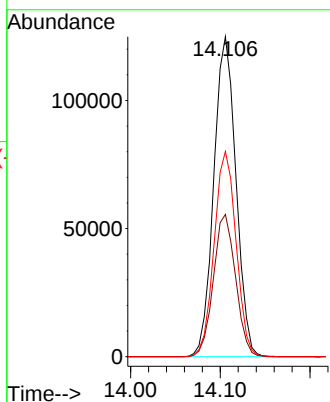
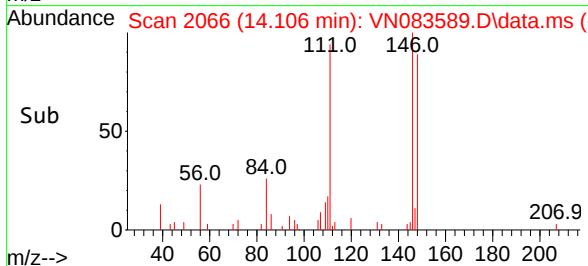
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 214086
Ion Ratio Lower Upper
146 100
111 44.5 22.8 68.3
148 63.6 32.1 96.5

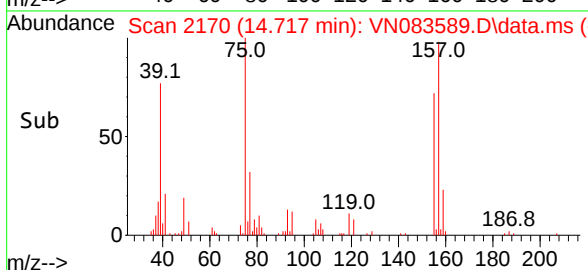
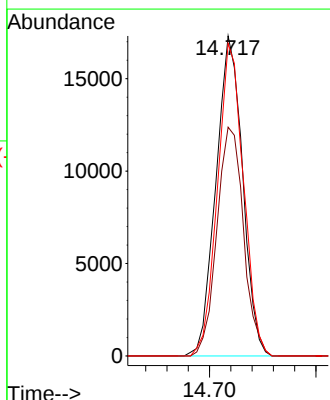
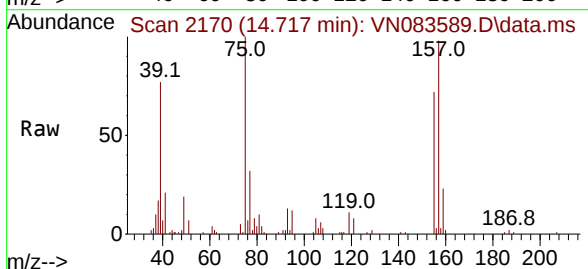
Manual Integrations
APPROVED

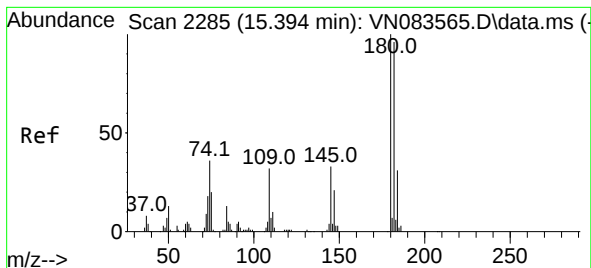
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.556 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083589.D
Acq: 31 Aug 2024 01:56

Tgt Ion: 75 Resp: 29989
Ion Ratio Lower Upper
75 100
155 71.7 35.9 107.7
157 95.1 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 43.133 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 114694

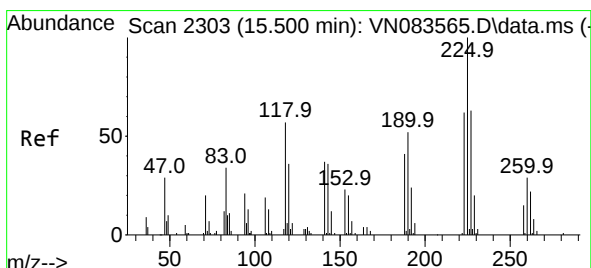
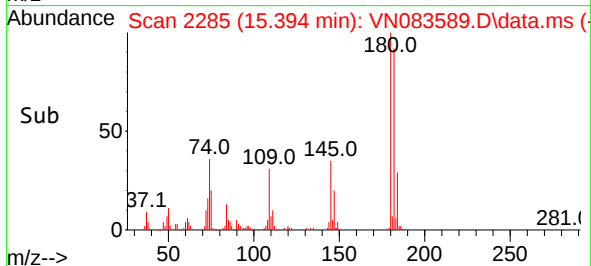
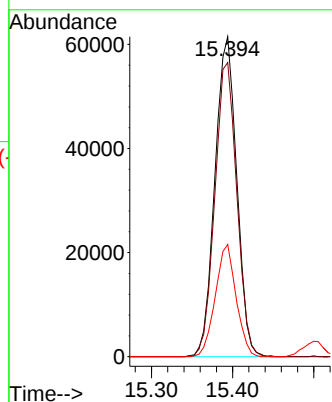
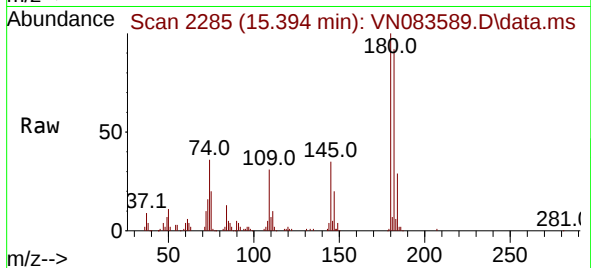
Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.1	144.3
145	33.5	16.9	50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#94

Hexachlorobutadiene

Concen: 43.313 ug/l

RT: 15.500 min Scan# 2303

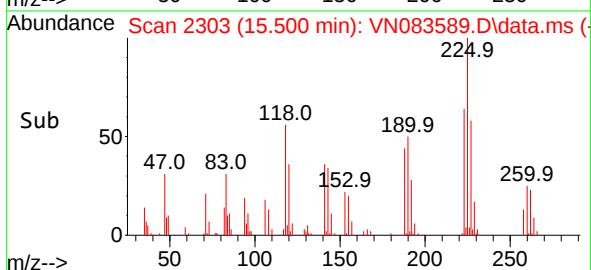
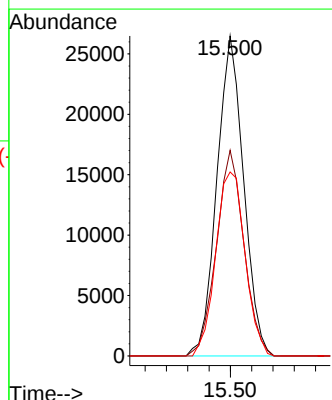
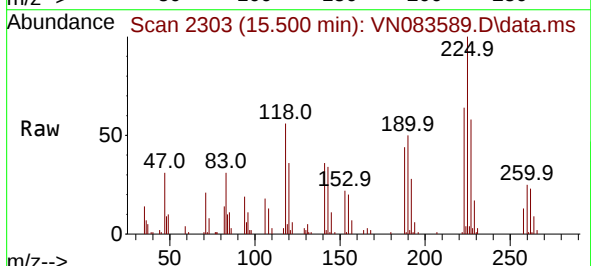
Delta R.T. 0.000 min

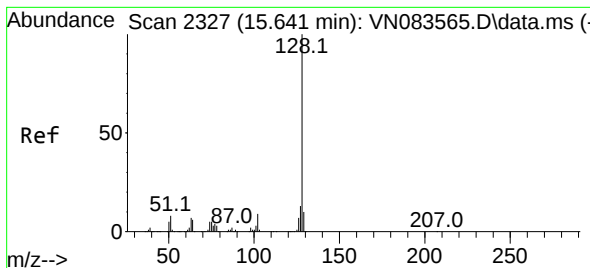
Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Tgt Ion:225 Resp: 46123

Ion	Ratio	Lower	Upper
225	100		
223	66.1	31.9	95.5
227	63.1	32.0	96.2





#95

Naphthalene

Concen: 43.222 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 36926

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

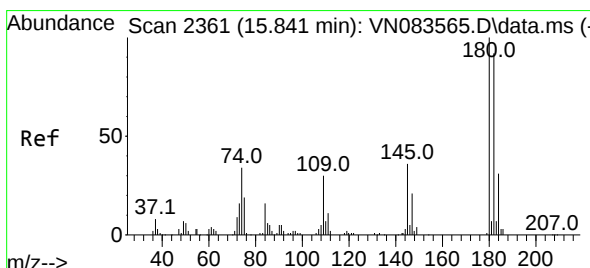
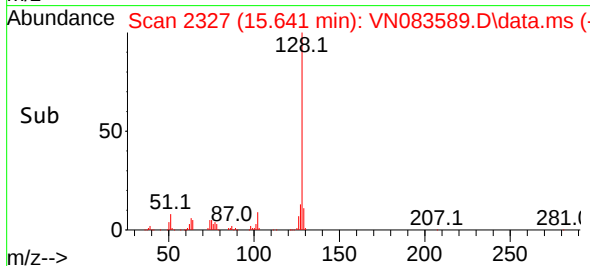
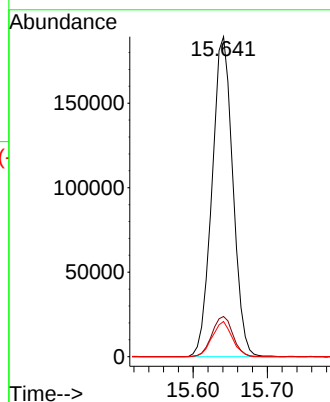
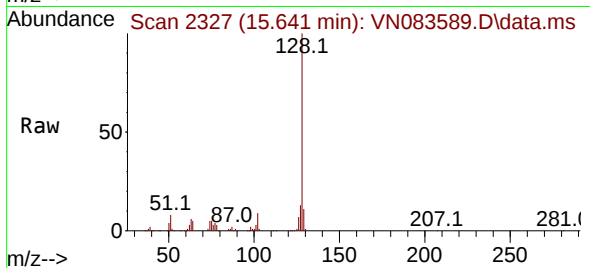
129 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#96

1,2,3-Trichlorobenzene

Concen: 41.468 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083589.D

Acq: 31 Aug 2024 01:56

Tgt Ion:180 Resp: 110152

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.4

145 35.7 17.8 53.5

