

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083717.D
 Acq On : 09 Sep 2024 15:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/10/2024
 Supervised By : Mahesh Dadoda 09/10/2024

Quant Time: Sep 10 02:09:31 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	146257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113035	55.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.600%			
35) Dibromofluoromethane	8.165	113	80455	53.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.780%			
50) Toluene-d8	10.565	98	298967	50.873	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.740%			
62) 4-Bromofluorobenzene	12.847	95	117048	53.848	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	95985	62.009	ug/l	99
3) Chloromethane	2.359	50	96540	53.540	ug/l	96
4) Vinyl Chloride	2.512	62	99250	54.998	ug/l	99
5) Bromomethane	2.906	94	55426	58.425	ug/l	99
6) Chloroethane	3.077	64	64995	55.116	ug/l	99
7) Trichlorofluoromethane	3.477	101	166914	56.166	ug/l	96
8) Diethyl Ether	3.953	74	56157	52.860	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	91750	56.929	ug/l	99
10) Methyl Iodide	4.577	142	116853	53.600	ug/l	94
11) Tert butyl alcohol	5.530	59	82499	258.853	ug/l	98
12) 1,1-Dichloroethene	4.330	96	84448	52.705	ug/l	93
13) Acrolein	4.177	56	73484	243.710	ug/l	98
14) Allyl chloride	5.012	41	152281	53.306	ug/l	98
15) Acrylonitrile	5.712	53	213630	271.799	ug/l	100
16) Acetone	4.424	43	264851	324.914	ug/l	98
17) Carbon Disulfide	4.700	76	229898	49.237	ug/l	97
18) Methyl Acetate	5.018	43	100976	46.580	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	307565	54.115	ug/l	98
20) Methylene Chloride	5.271	84	93879	52.153	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	88103	52.788	ug/l	94
22) Diisopropyl ether	6.671	45	309584	54.959	ug/l	100
23) Vinyl Acetate	6.600	43	1190258	285.126	ug/l	98
24) 1,1-Dichloroethane	6.565	63	174721	54.391	ug/l	97
25) 2-Butanone	7.483	43	318289	286.788	ug/l	100
26) 2,2-Dichloropropane	7.488	77	167863	56.126	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	106371	53.410	ug/l	96
28) Bromochloromethane	7.812	49	76501	50.998	ug/l	95
29) Tetrahydrofuran	7.835	42	186657	271.143	ug/l	99
30) Chloroform	7.959	83	184602	54.545	ug/l	96
31) Cyclohexane	8.253	56	158938	50.266	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	172363	56.321	ug/l	99
36) 1,1-Dichloropropene	8.365	75	127927	55.660	ug/l	100
37) Ethyl Acetate	7.559	43	123522	54.002	ug/l	99
38) Carbon Tetrachloride	8.359	117	151888	57.922	ug/l	98
39) Methylcyclohexane	9.600	83	160364	58.146	ug/l	98
40) Benzene	8.606	78	394723	55.829	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	67179	51.467	ug/l	96
42) 1,2-Dichloroethane	8.671	62	146858	56.036	ug/l	100
43) Isopropyl Acetate	8.688	43	219224	47.706	ug/l	97
44) Trichloroethene	9.347	130	90305	53.096	ug/l	94
45) 1,2-Dichloropropane	9.618	63	93222	56.601	ug/l	98
46) Dibromomethane	9.706	93	67638	55.666	ug/l	99
47) Bromodichloromethane	9.888	83	147143	56.889	ug/l	96
48) Methyl methacrylate	9.676	41	105898	56.446	ug/l	98
49) 1,4-Dioxane	9.694	88	34240	1113.802	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	608689	286.236	ug/l	99
52) Toluene	10.629	92	244880	55.380	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	155238	57.976	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	157715	56.116	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	89706	56.839	ug/l	97
56) Ethyl methacrylate	10.871	69	151878	58.171	ug/l	97
57) 1,3-Dichloropropane	11.165	76	156828	56.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	275086	242.478	ug/l	98
59) 2-Hexanone	11.194	43	466760	292.473	ug/l	98
60) Dibromochloromethane	11.359	129	107185	58.612	ug/l	98
61) 1,2-Dibromoethane	11.470	107	89150	55.289	ug/l	98
64) Tetrachloroethene	11.106	164	77133	53.389	ug/l	97
65) Chlorobenzene	11.888	112	257397	52.218	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	91921	55.233	ug/l	99
67) Ethyl Benzene	11.965	91	478246	54.353	ug/l	100
68) m/p-Xylenes	12.070	106	357925	107.982	ug/l	100
69) o-Xylene	12.394	106	176048	54.952	ug/l	98
70) Styrene	12.412	104	294756	54.720	ug/l	99
71) Bromoform	12.576	173	67277	56.755	ug/l #	99
73) Isopropylbenzene	12.694	105	461153	54.827	ug/l	100
74) N-amyl acetate	12.494	43	201673	55.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	128211	53.694	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	111297m	53.046	ug/l	
77) Bromobenzene	12.982	156	102562	51.974	ug/l	99
78) n-propylbenzene	13.035	91	539866	55.515	ug/l	99
79) 2-Chlorotoluene	13.123	91	331031	52.532	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	393467	55.530	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	46703	52.501	ug/l	98
82) 4-Chlorotoluene	13.217	91	332692	51.969	ug/l	99
83) tert-Butylbenzene	13.435	119	340758	54.092	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	398743	55.908	ug/l	99
85) sec-Butylbenzene	13.617	105	467693	55.857	ug/l	100
86) p-Isopropyltoluene	13.729	119	398748	57.017	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	195804	51.116	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	193028	49.041	ug/l	100
89) n-Butylbenzene	14.053	91	335994	54.618	ug/l	100
90) Hexachloroethane	14.335	117	74573	54.782	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	192541	52.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28044	54.153	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	100463	48.025	ug/l	100
94) Hexachlorobutadiene	15.500	225	42293	50.486	ug/l	100
95) Naphthalene	15.641	128	330106	49.116	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	98117	46.953	ug/l	98

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

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Manual Integrations

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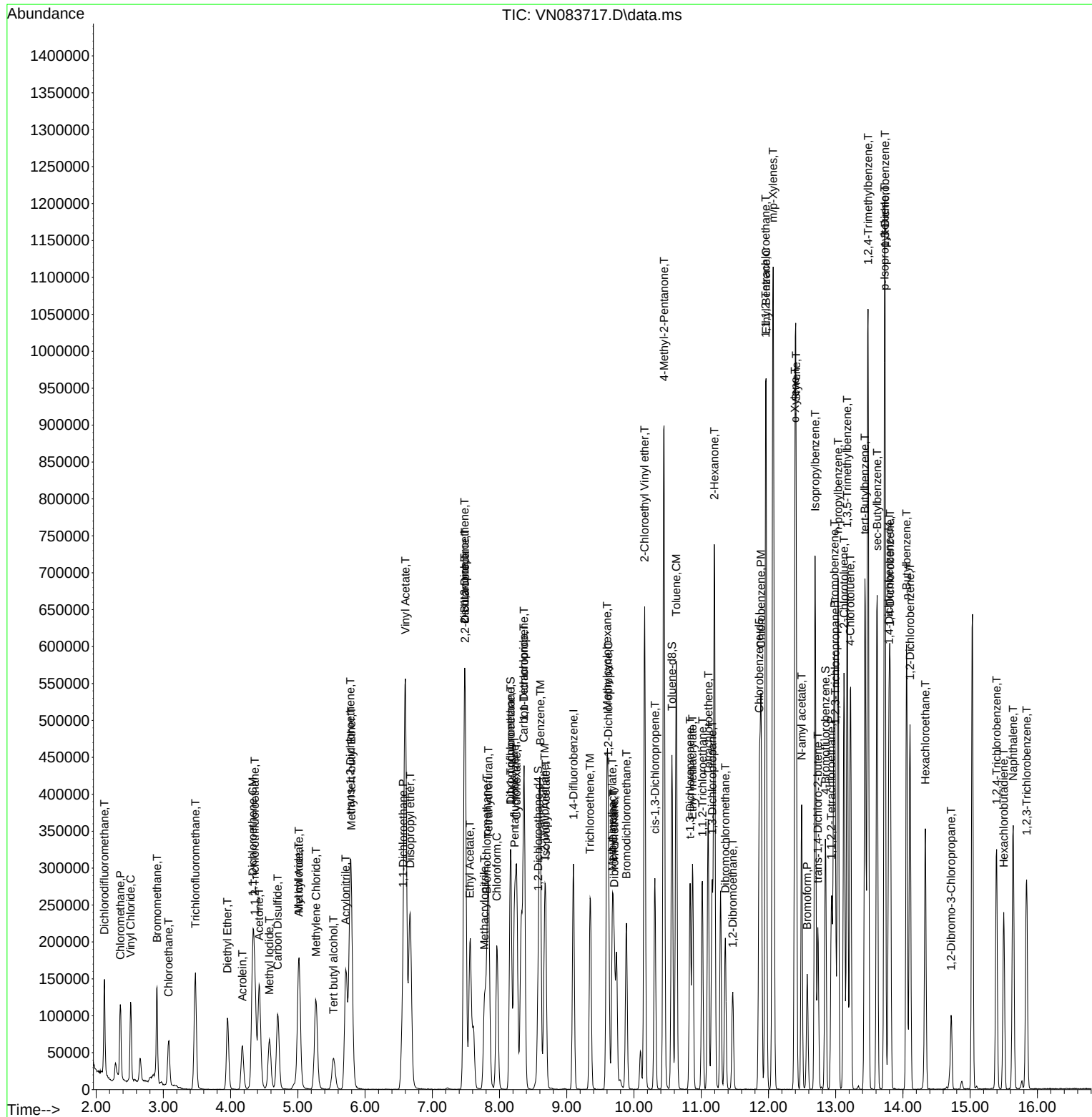
Quant Time: Sep 10 02:09:31 2024

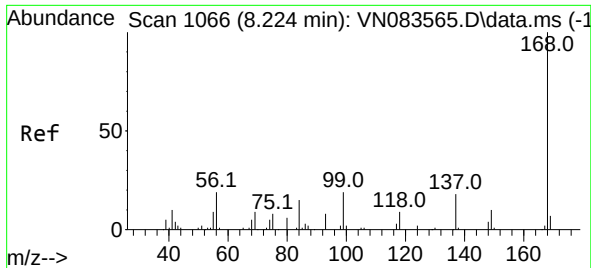
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M

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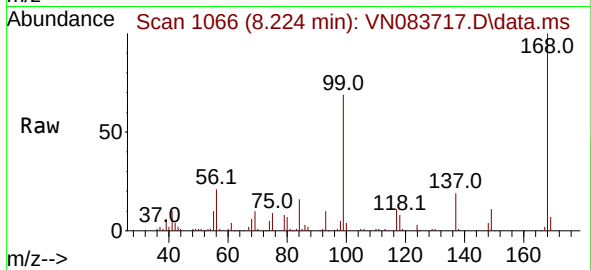
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083717.D
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MSVOA_N

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VSTDCCC050



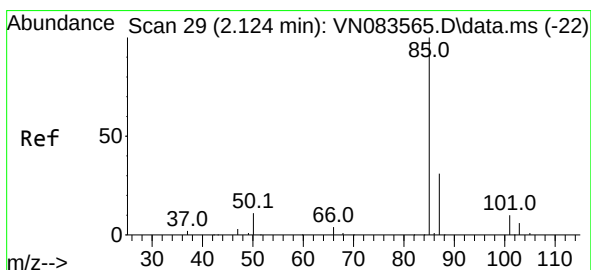
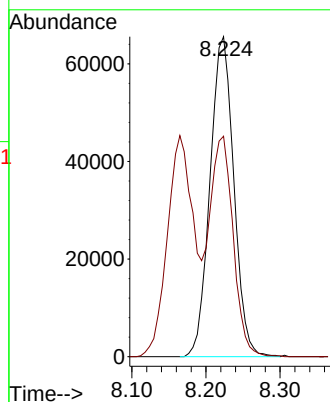
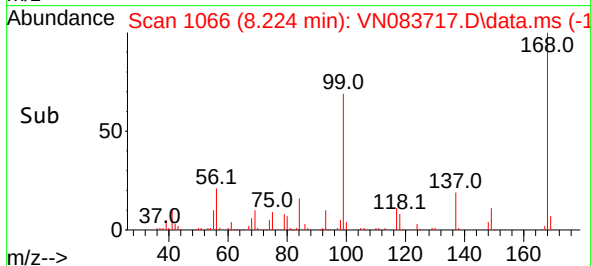
Tgt Ion:168 Resp: 14625
Ion Ratio Lower Upper
168 100
99 68.6 54.2 81.2

Manual Integrations

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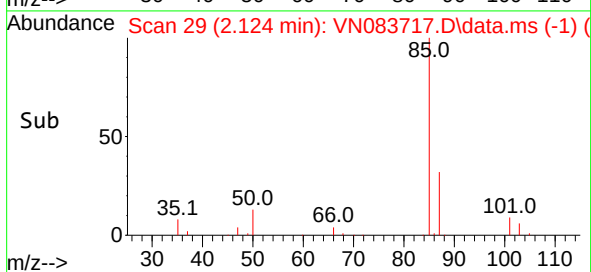
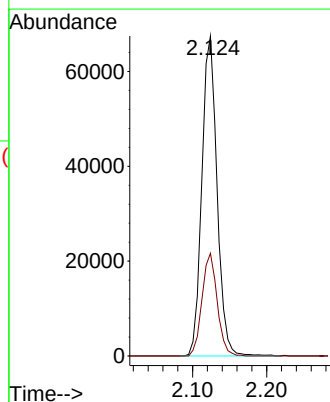
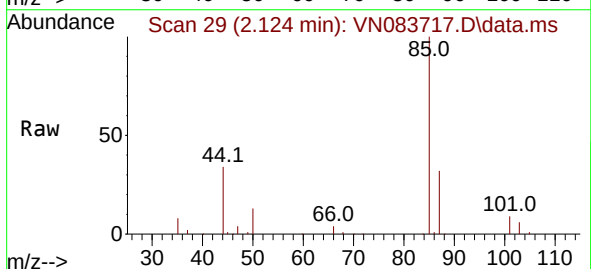
Reviewed By :John Carlone 09/10/2024

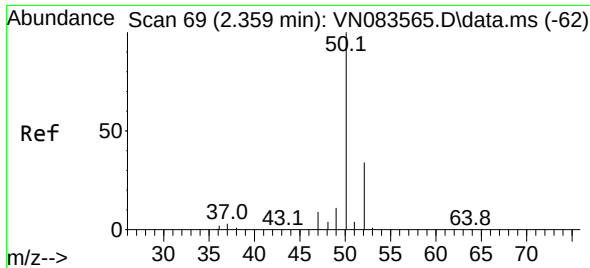
Supervised By :Mahesh Dadoda 09/10/2024



#2
Dichlorodifluoromethane
Concen: 62.009 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion: 85 Resp: 95985
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





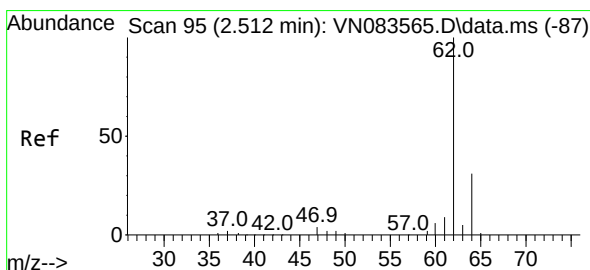
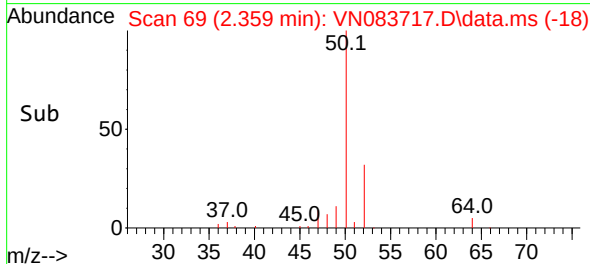
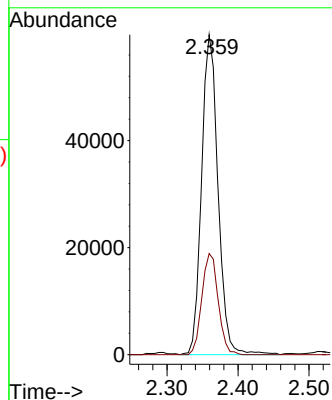
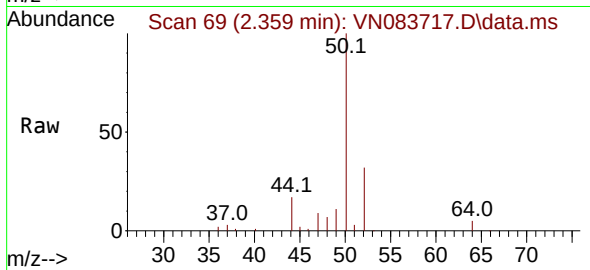
#3
Chloromethane
Concen: 53.540 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 96540
Ion Ratio Lower Upper
50 100
52 31.6 27.2 40.8

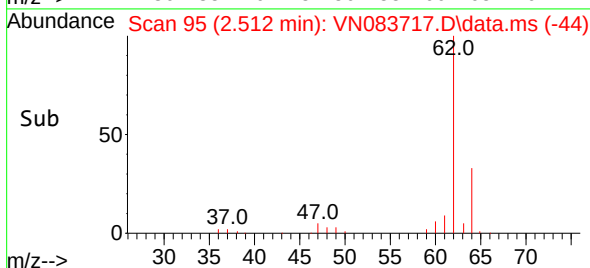
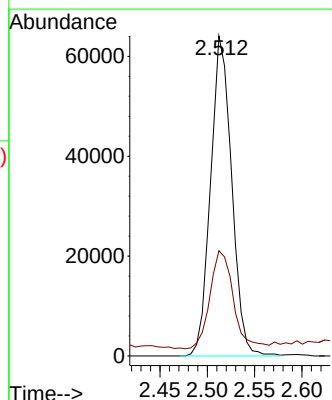
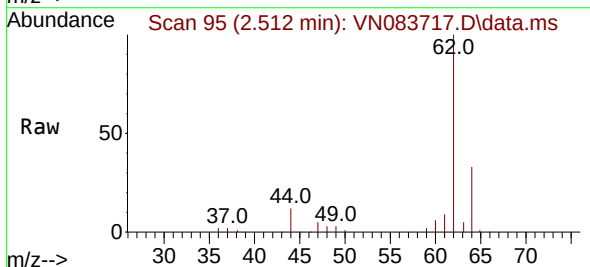
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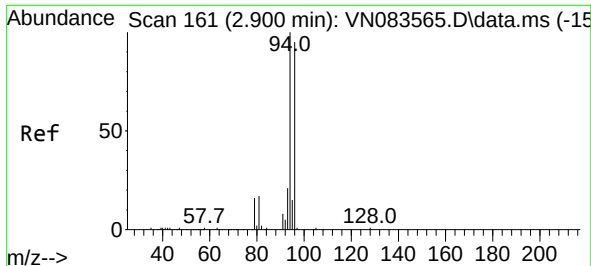
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#4
Vinyl Chloride
Concen: 54.998 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion: 62 Resp: 99250
Ion Ratio Lower Upper
62 100
64 30.4 24.7 37.1





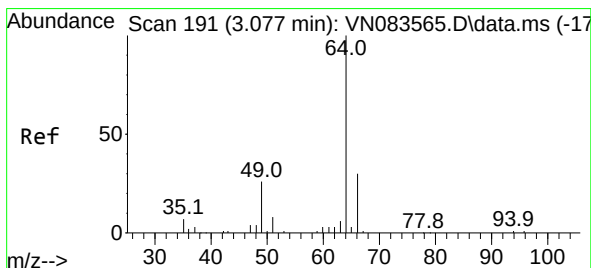
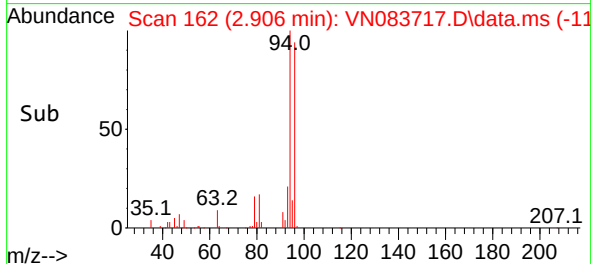
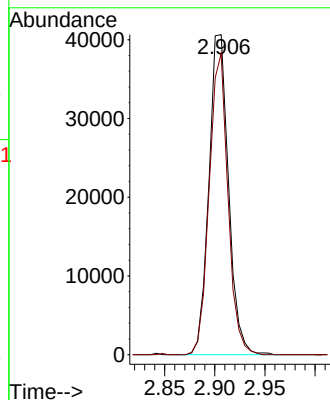
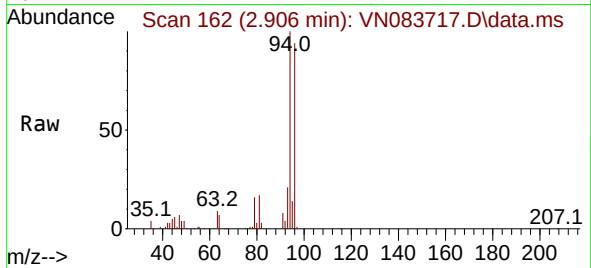
#5
Bromomethane
Concen: 58.425 ug/l
RT: 2.906 min Scan# 161
Delta R.T. 0.006 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 55420
Ion Ratio Lower Upper
94 100
96 94.1 76.0 114.0

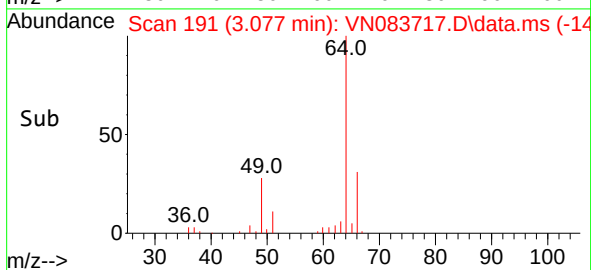
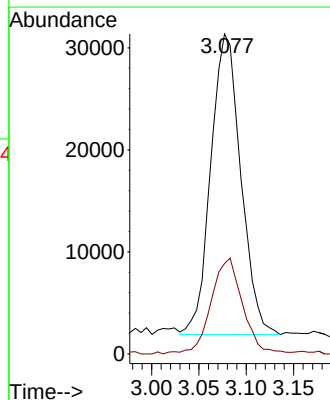
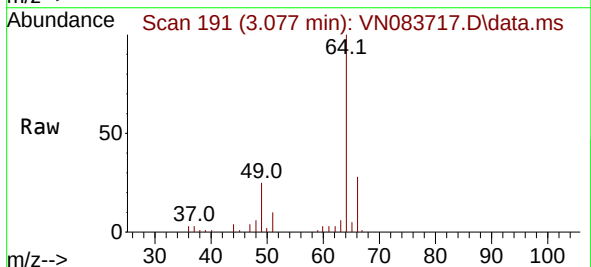
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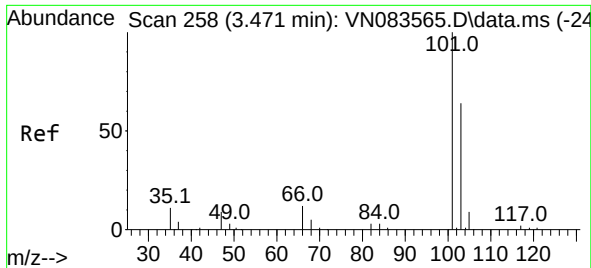
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#6
Chloroethane
Concen: 55.116 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion: 64 Resp: 64995
Ion Ratio Lower Upper
64 100
66 29.5 23.9 35.9





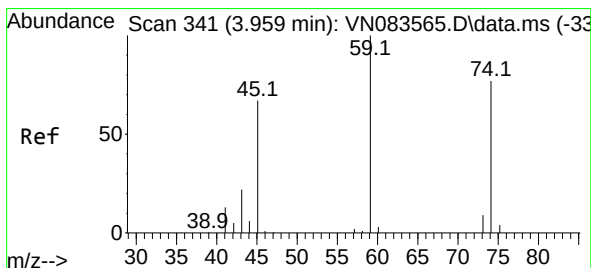
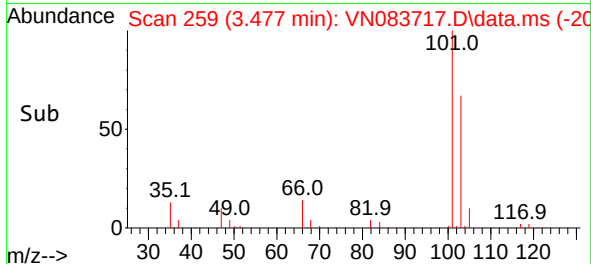
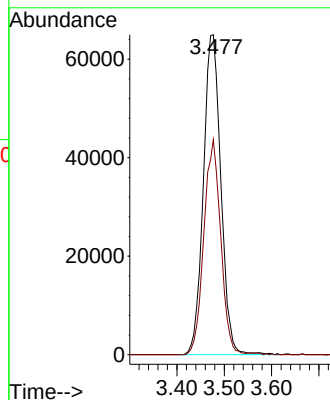
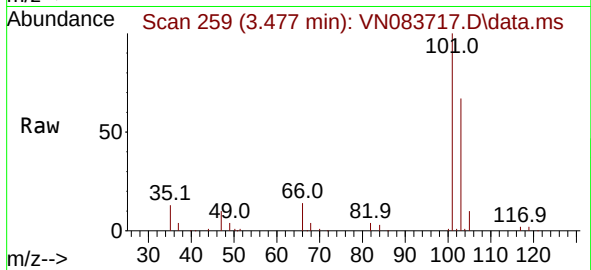
#7
Trichlorofluoromethane
Concen: 56.166 ug/l
RT: 3.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
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Tgt Ion:101 Resp: 166914
Ion Ratio Lower Upper
101 100
103 67.2 51.4 77.0

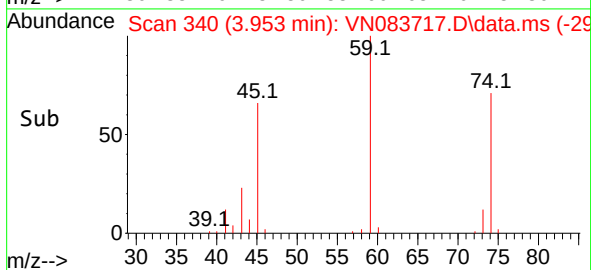
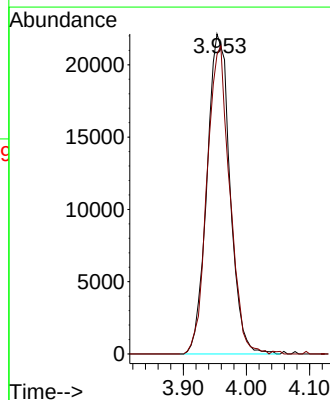
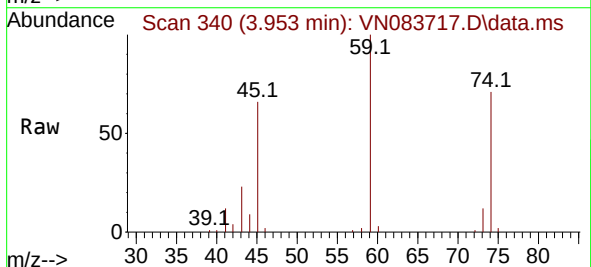
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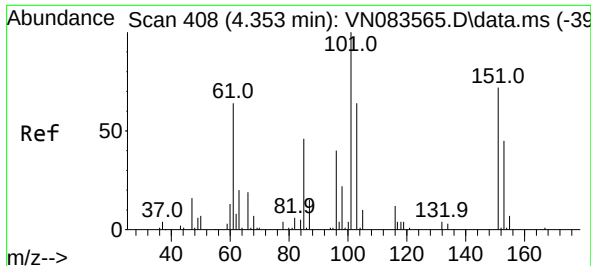
Reviewed By :John Carlone 09/10/2024
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#8
Diethyl Ether
Concen: 52.860 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion: 74 Resp: 56157
Ion Ratio Lower Upper
74 100
45 94.8 46.7 140.1





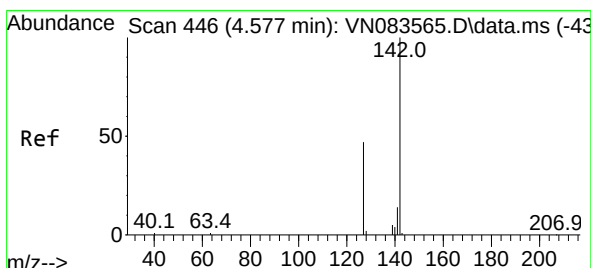
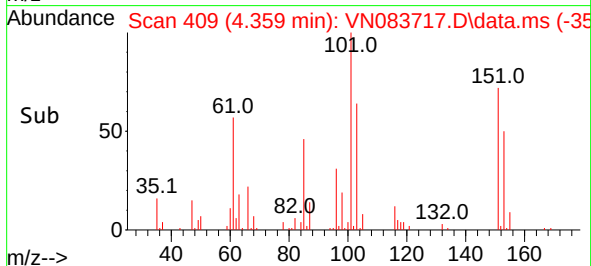
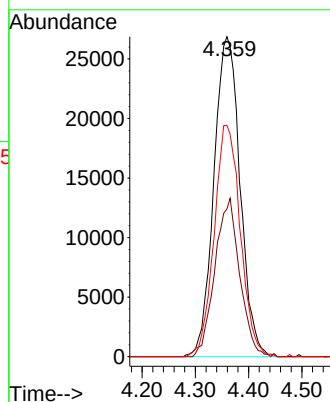
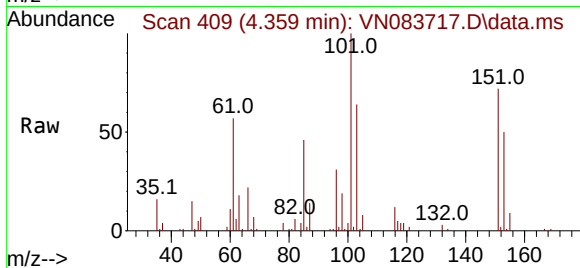
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.929 ug/l
RT: 4.359 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 91750
Ion Ratio Lower Upper
101 100
85 46.9 36.2 54.4
151 72.3 57.7 86.5

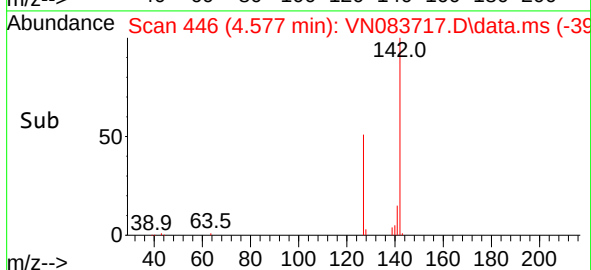
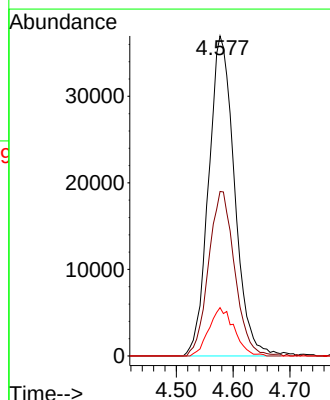
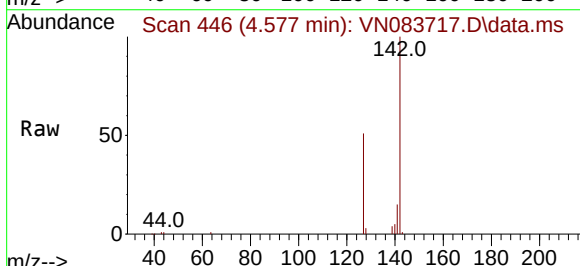
Manual Integrations
APPROVED

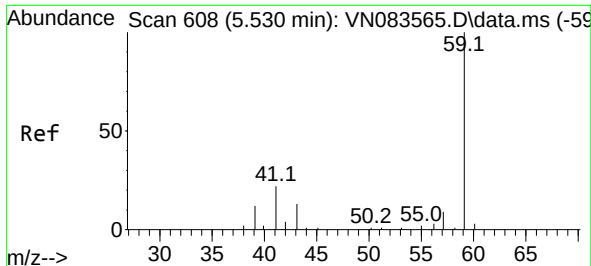
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#10
Methyl Iodide
Concen: 53.600 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

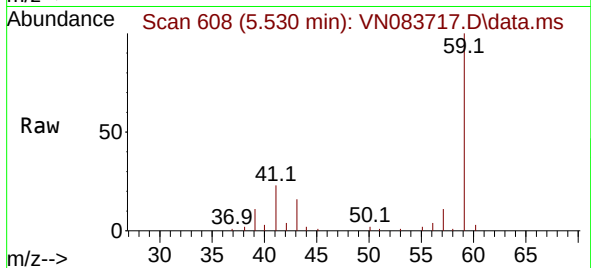
Tgt Ion:142 Resp: 116853
Ion Ratio Lower Upper
142 100
127 51.4 37.5 56.3
141 15.1 11.0 16.4





#11
Tert butyl alcohol
Concen: 258.853 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

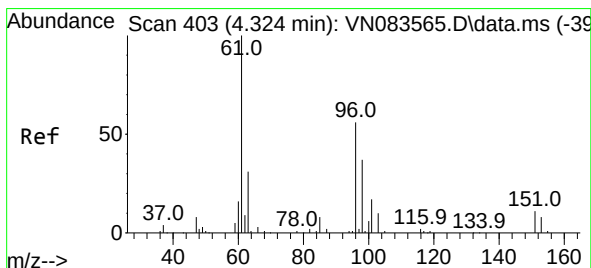
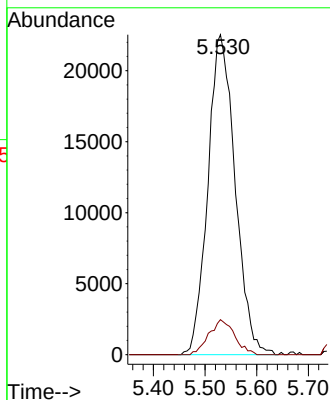
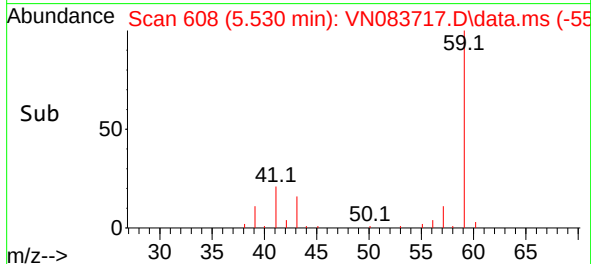
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



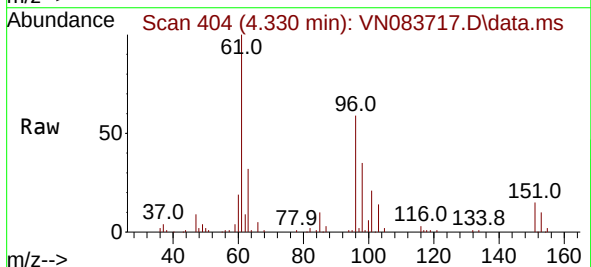
Tgt Ion: 59 Resp: 82499
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
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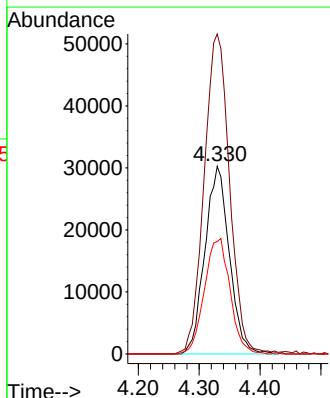
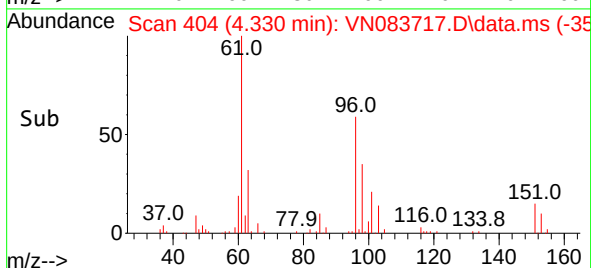
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

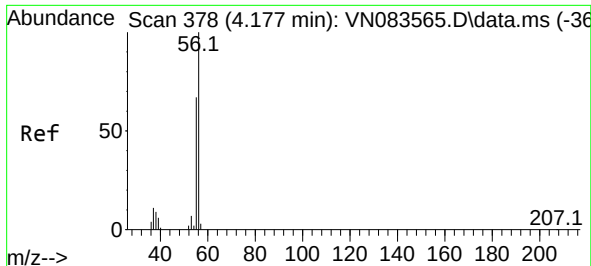


#12
1,1-Dichloroethene
Concen: 52.705 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04



Tgt Ion: 96 Resp: 84448
Ion Ratio Lower Upper
96 100
61 169.7 143.4 215.0
98 59.9 52.7 79.1





#13

Acrolein

Concen: 243.710 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 73484

Ion Ratio Lower Upper

56 100

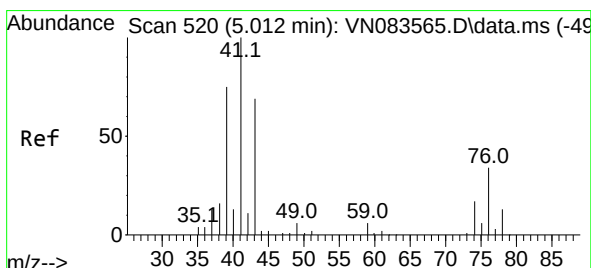
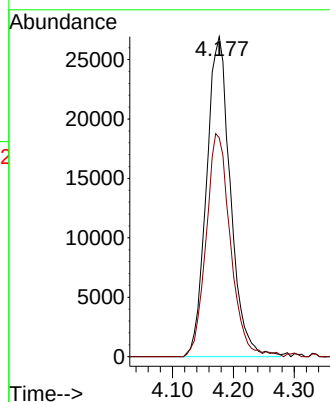
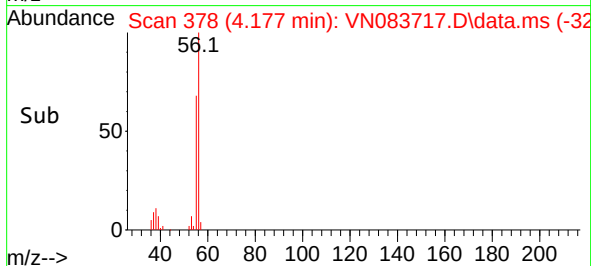
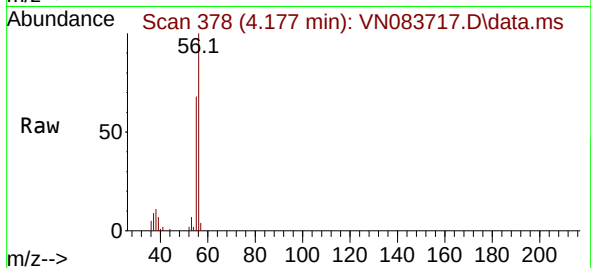
55 70.9 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#14

Allyl chloride

Concen: 53.306 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.000 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

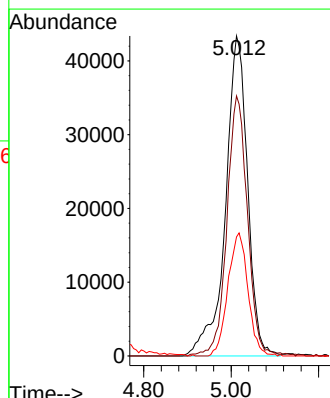
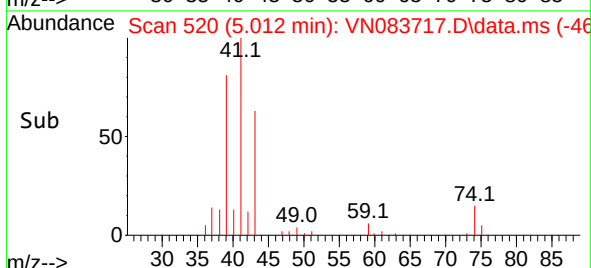
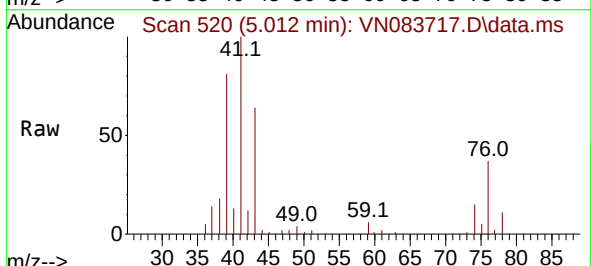
Tgt Ion: 41 Resp: 152281

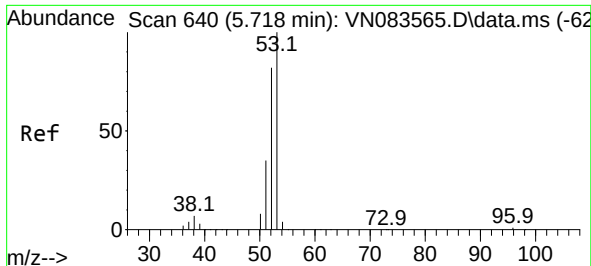
Ion Ratio Lower Upper

41 100

39 75.9 59.3 88.9

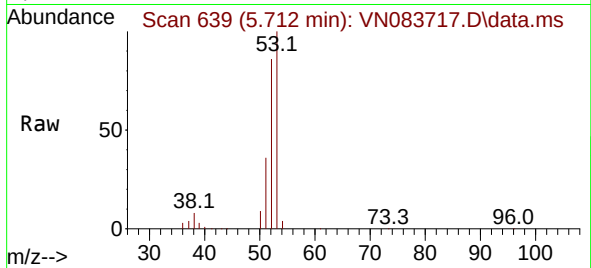
76 35.0 27.7 41.5





#15
Acrylonitrile
Concen: 271.799 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

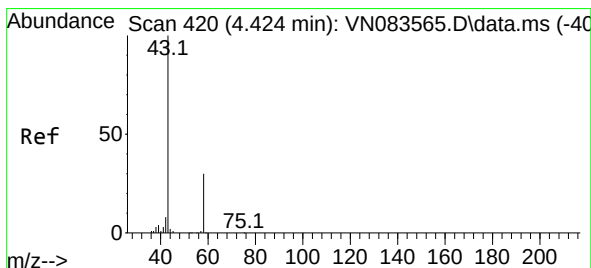
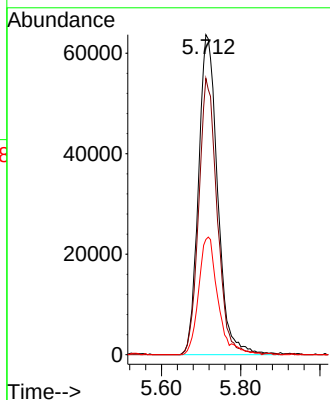
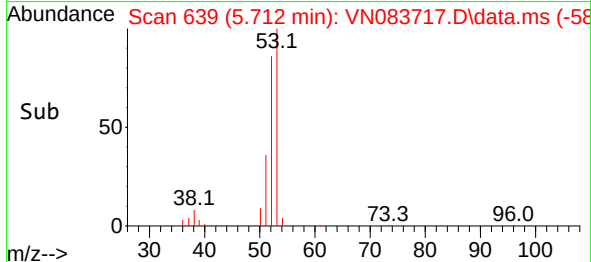
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 213630
Ion Ratio Lower Upper
53 100
52 83.0 66.1 99.1
51 37.1 29.6 44.4

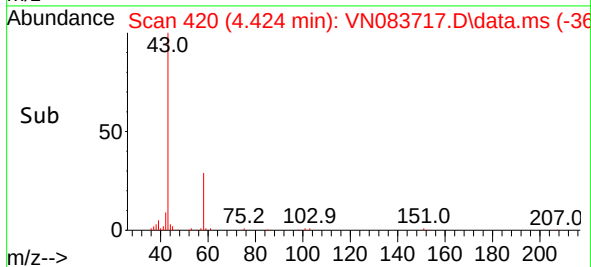
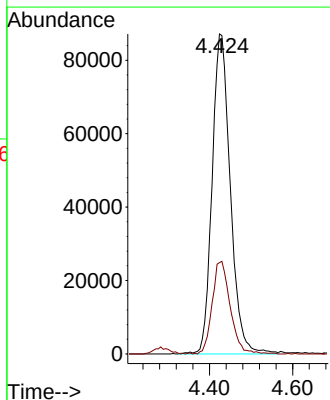
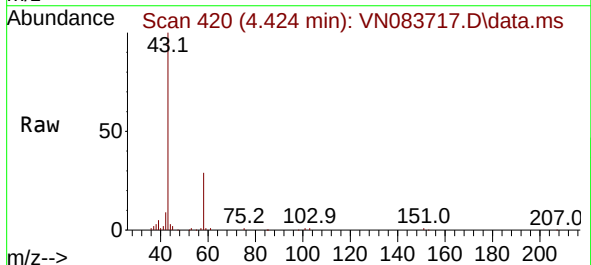
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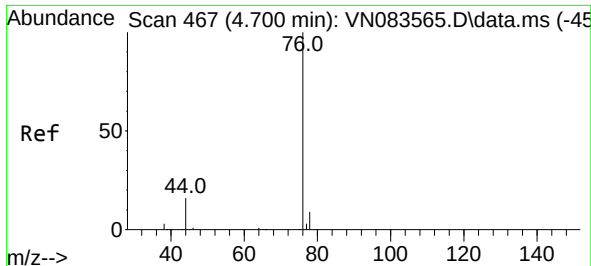
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#16
Acetone
Concen: 324.914 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

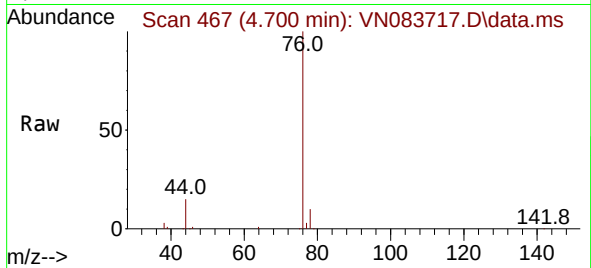
Tgt Ion: 43 Resp: 264851
Ion Ratio Lower Upper
43 100
58 28.6 23.7 35.5





#17
Carbon Disulfide
Concen: 49.237 ug/l
RT: 4.700 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

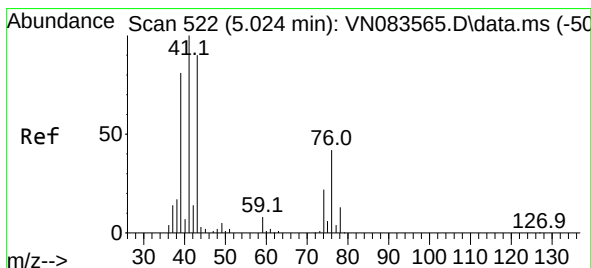
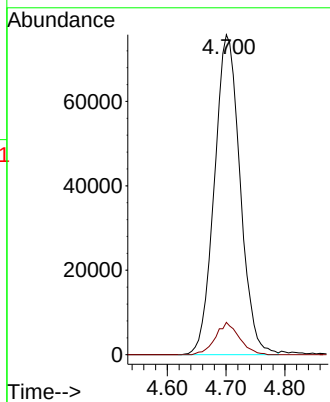
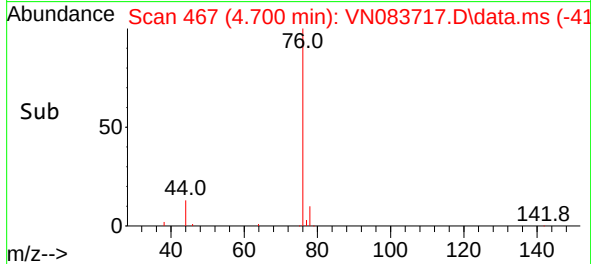
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 229898
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7

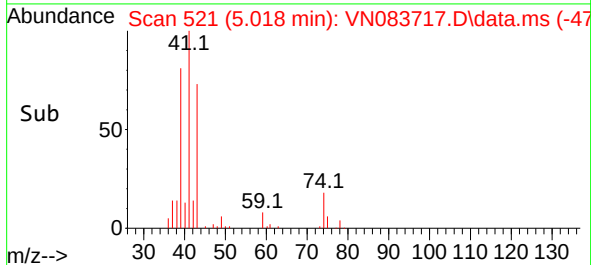
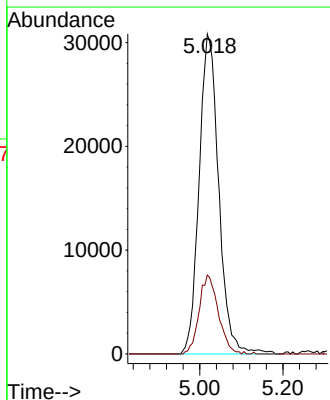
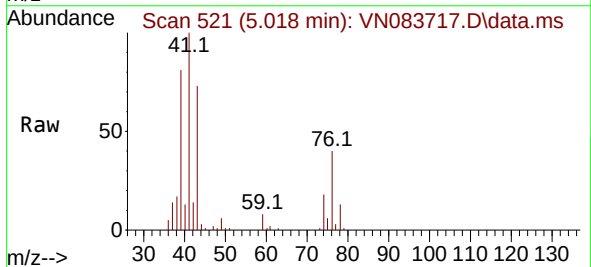
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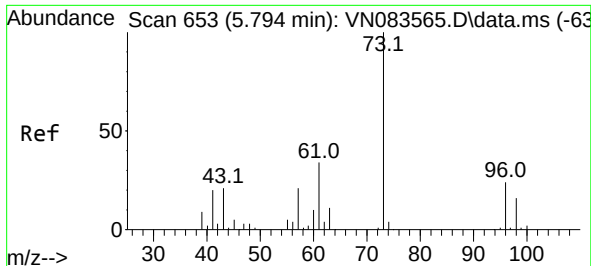
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#18
Methyl Acetate
Concen: 46.580 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion: 43 Resp: 100976
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.4





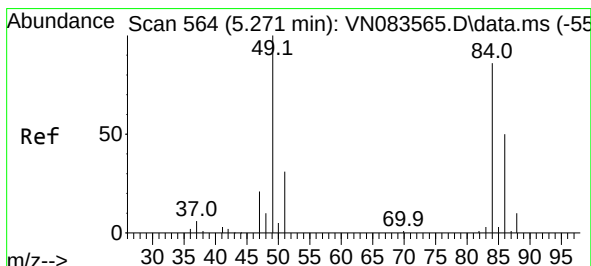
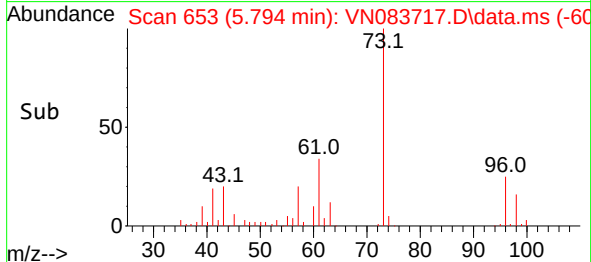
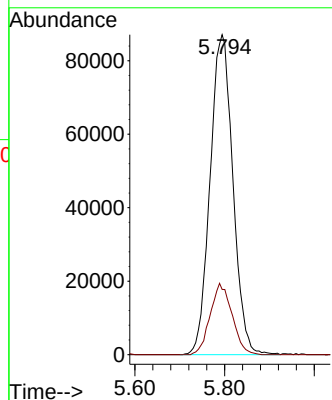
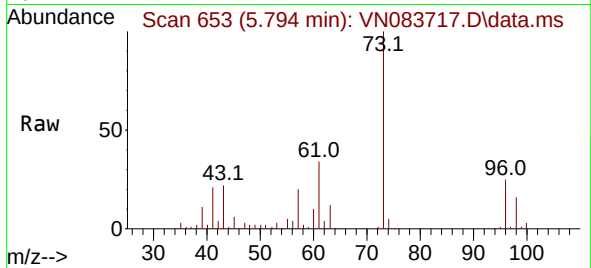
#19
Methyl tert-butyl Ether
Concen: 54.115 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 30756
Ion Ratio Lower Upper
73 100
57 20.4 17.0 25.6

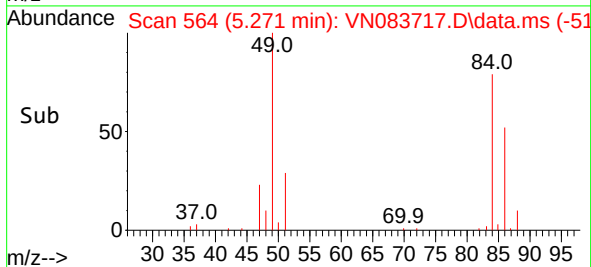
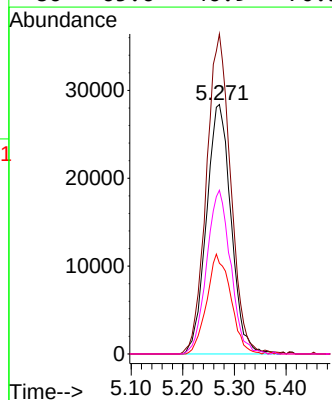
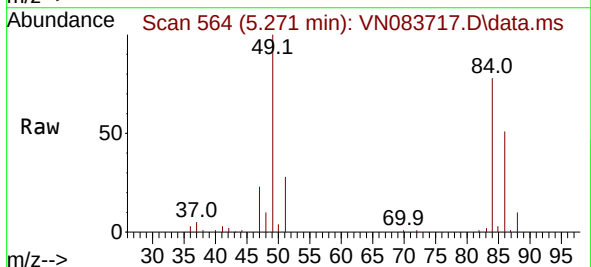
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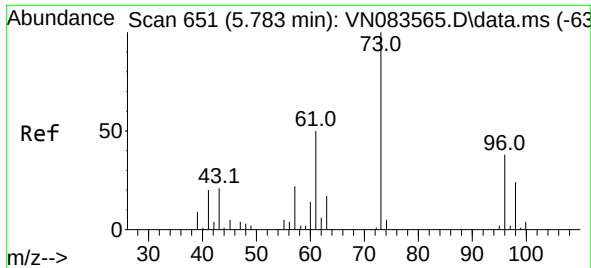
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#20
Methylene Chloride
Concen: 52.153 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion: 84 Resp: 93879
Ion Ratio Lower Upper
84 100
49 128.3 93.4 140.0
51 36.4 29.2 43.8
86 65.6 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 52.788 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

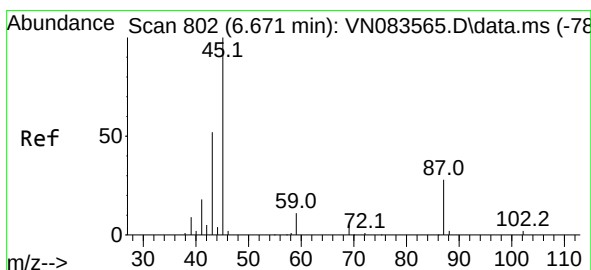
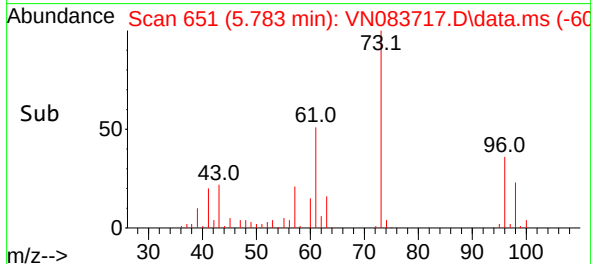
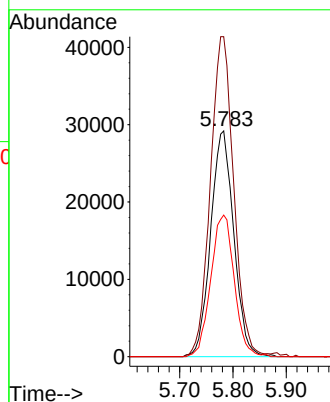
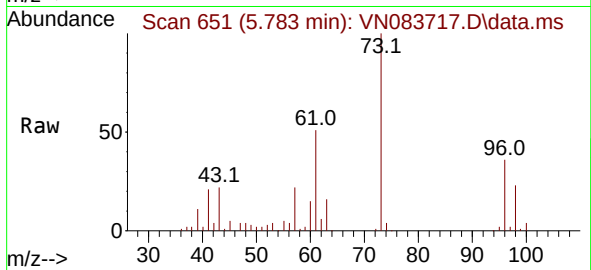
Tgt Ion: 96 Resp: 8810
Ion Ratio Lower Upper
96 100
61 141.7 106.0 159.0
98 62.7 52.2 78.2

Manual Integrations

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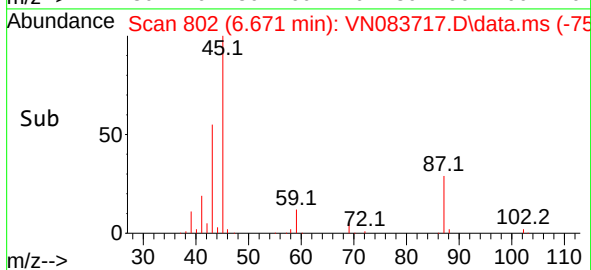
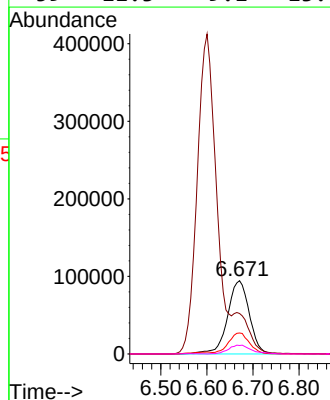
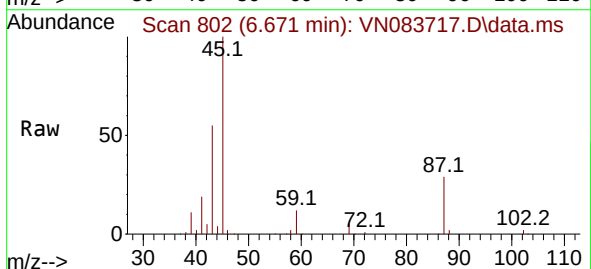
Reviewed By :John Carlone 09/10/2024

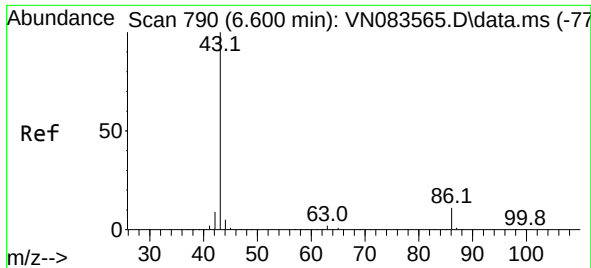
Supervised By :Mahesh Dadoda 09/10/2024



#22
Diisopropyl ether
Concen: 54.959 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion: 45 Resp: 309584
Ion Ratio Lower Upper
45 100
43 54.1 43.4 65.0
87 28.5 22.6 33.8
59 11.3 9.1 13.7





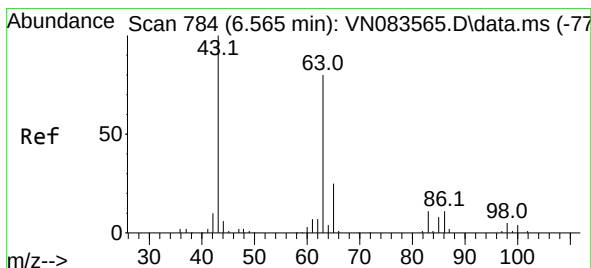
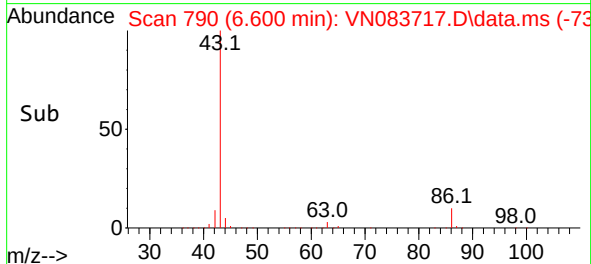
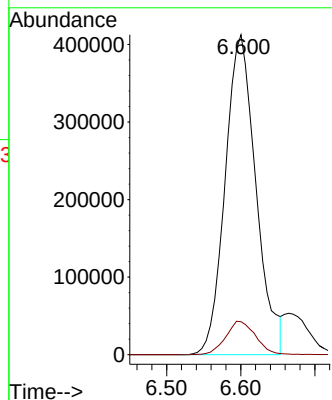
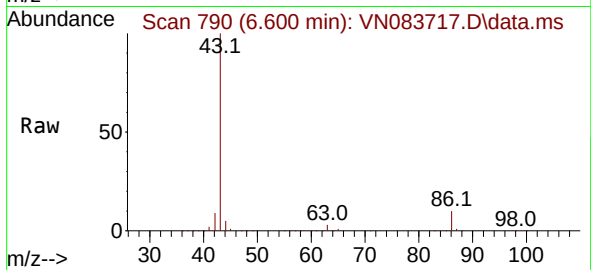
#23
 Vinyl Acetate
 Concen: 285.126 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083717.D
 Acq: 09 Sep 2024 15:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1190258
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.7 13.1

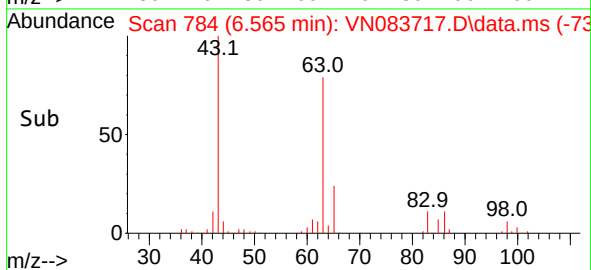
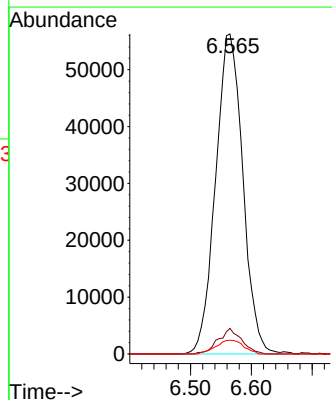
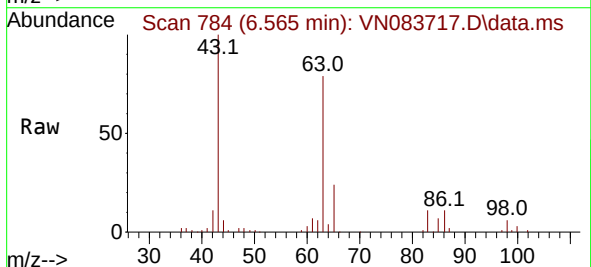
Manual Integrations
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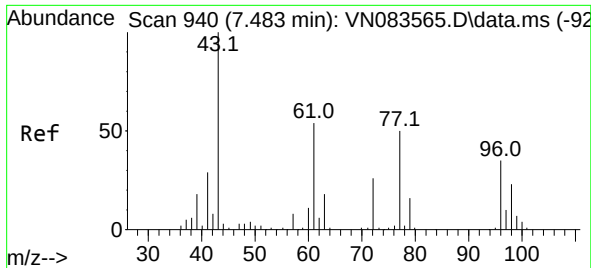
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024



#24
 1,1-Dichloroethane
 Concen: 54.391 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN083717.D
 Acq: 09 Sep 2024 15:04

Tgt Ion: 63 Resp: 174721
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.3 2.5 7.5





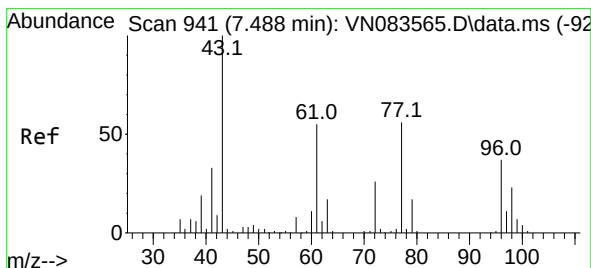
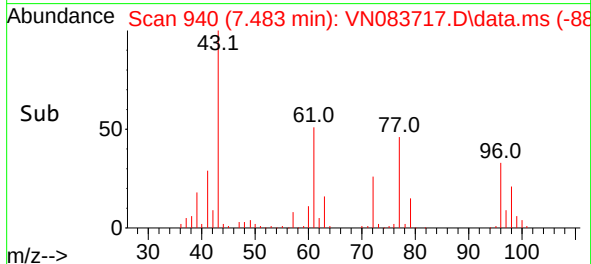
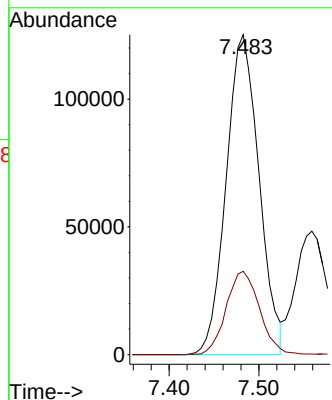
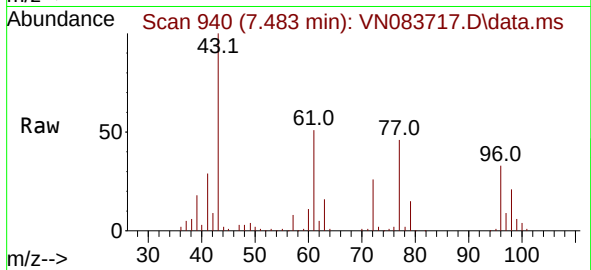
#25
2-Butanone
Concen: 286.788 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 318289
Ion Ratio Lower Upper
43 100
72 26.0 20.8 31.2

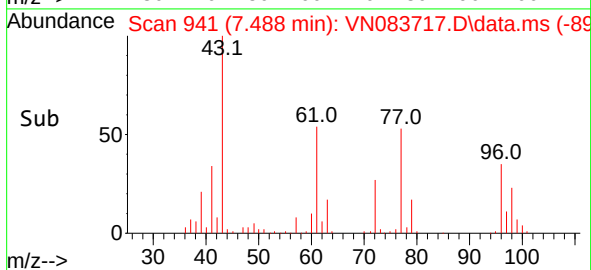
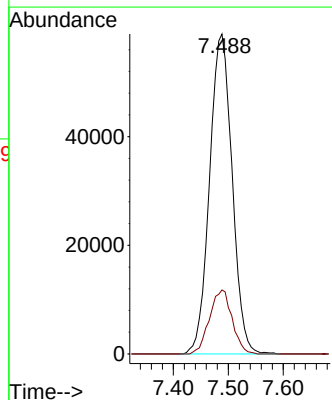
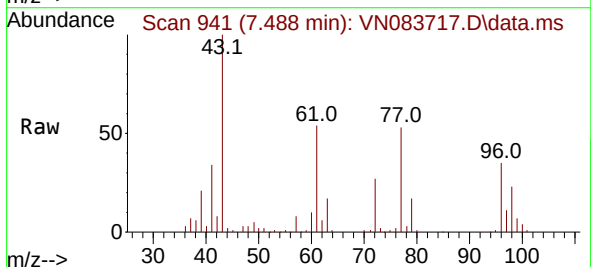
Manual Integrations
APPROVED

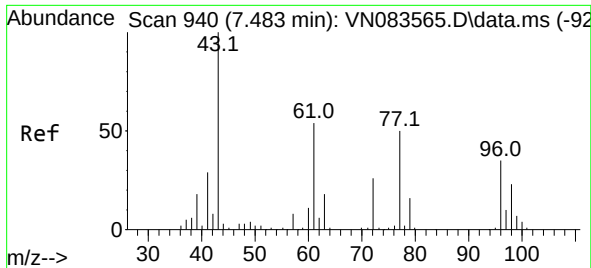
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#26
2,2-Dichloropropane
Concen: 56.126 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

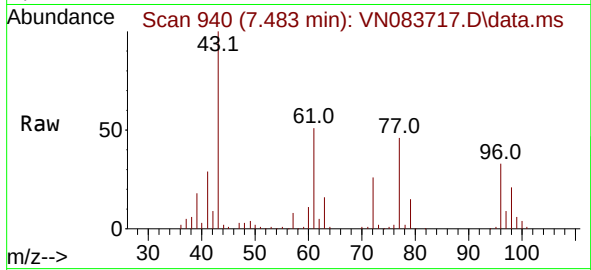
Tgt Ion: 77 Resp: 167863
Ion Ratio Lower Upper
77 100
97 20.0 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 53.410 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083717.D
 Acq: 09 Sep 2024 15:04

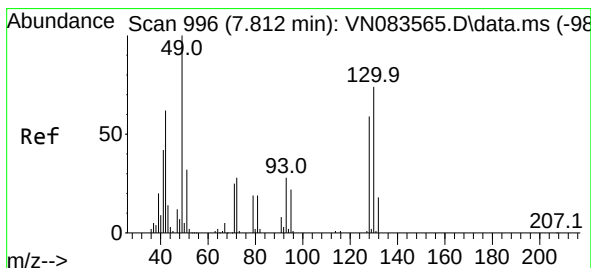
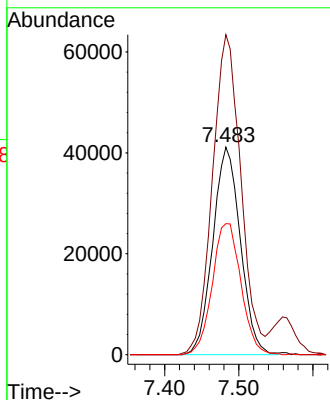
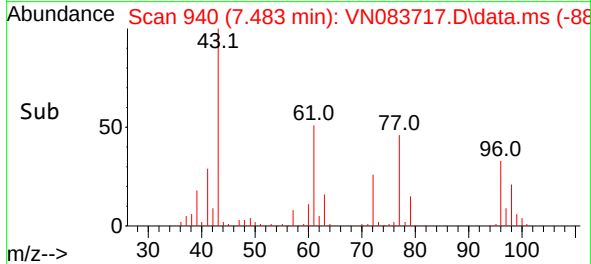
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



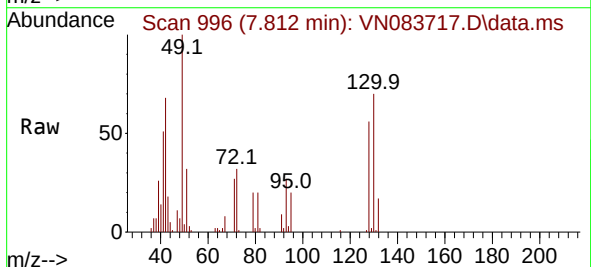
Tgt Ion: 96 Resp: 10637
 Ion Ratio Lower Upper
 96 100
 61 158.7 0.0 306.2
 98 65.6 0.0 128.6

Manual Integrations
 APPROVED

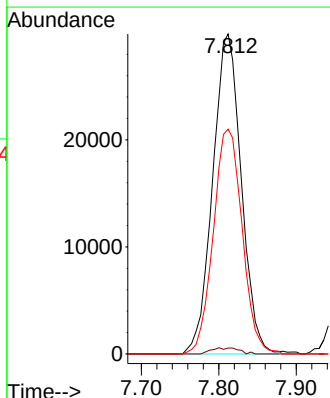
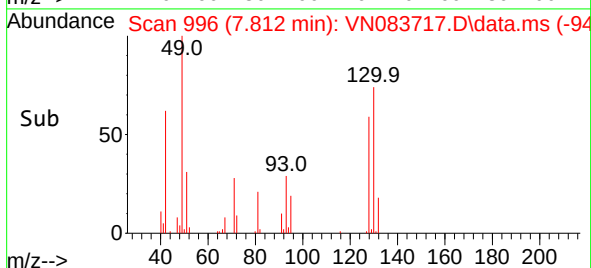
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024

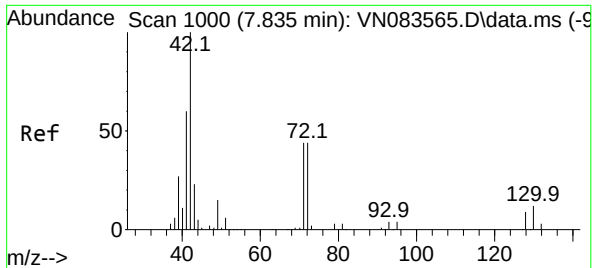


#28
 Bromochloromethane
 Concen: 50.998 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083717.D
 Acq: 09 Sep 2024 15:04



Tgt Ion: 49 Resp: 76501
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.4
 130 71.1 60.2 90.2





#29

Tetrahydrofuran

Concen: 271.143 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

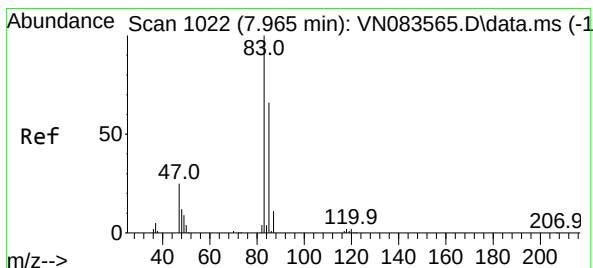
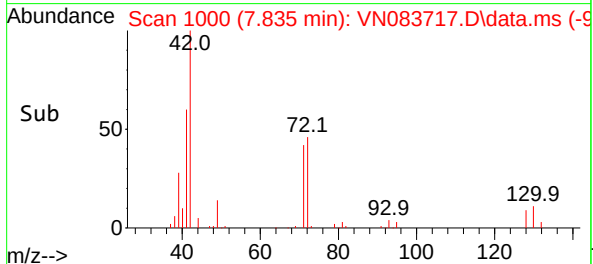
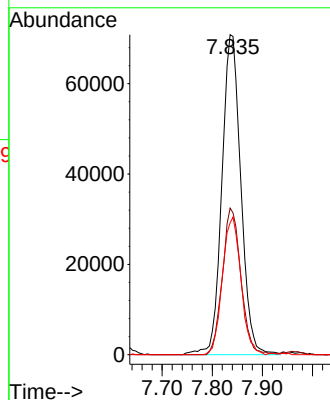
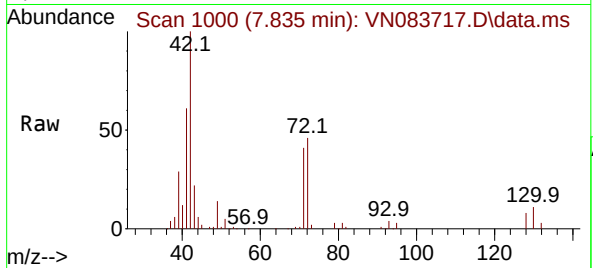
Tgt Ion:	42	Resp:	18665
Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.9	53.9
71	41.9	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#30

Chloroform

Concen: 54.545 ug/l

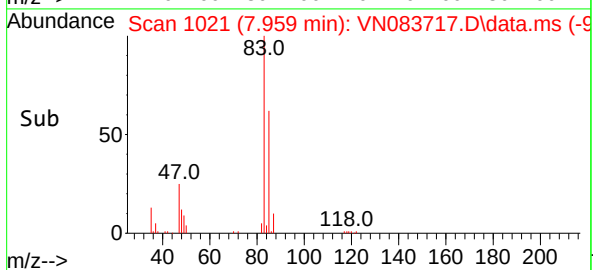
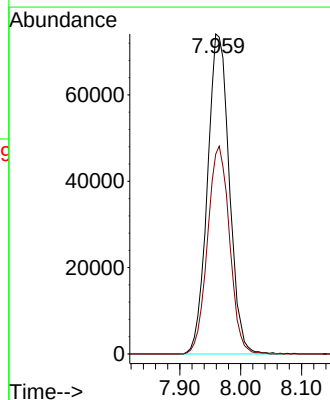
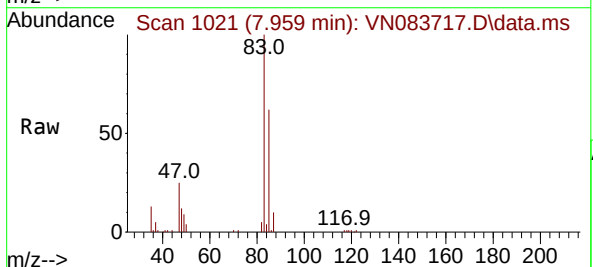
RT: 7.959 min Scan# 1021

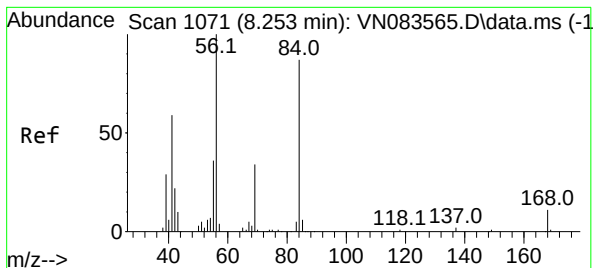
Delta R.T. -0.006 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

Tgt Ion:	83	Resp:	184602
Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.8	79.2





#31

Cyclohexane

Concen: 50.266 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 158938

Ion Ratio Lower Upper

56 100

69 31.5 26.9 40.3

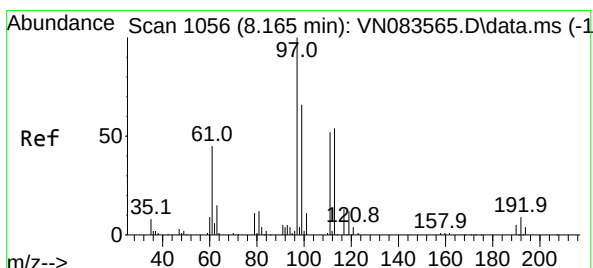
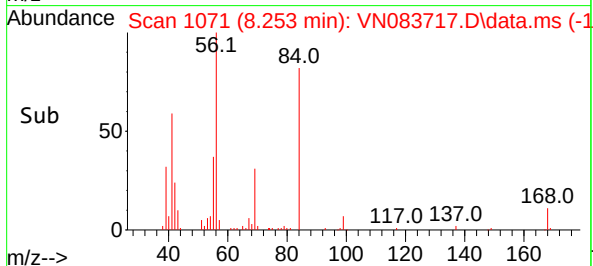
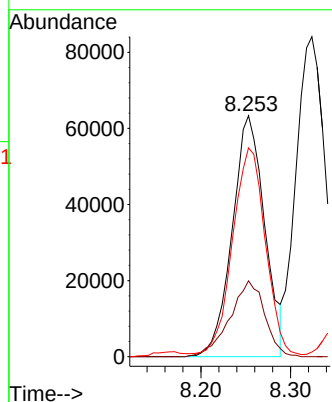
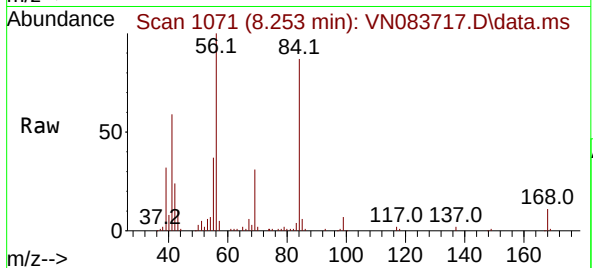
84 85.2 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#32

1,1,1-Trichloroethane

Concen: 56.321 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

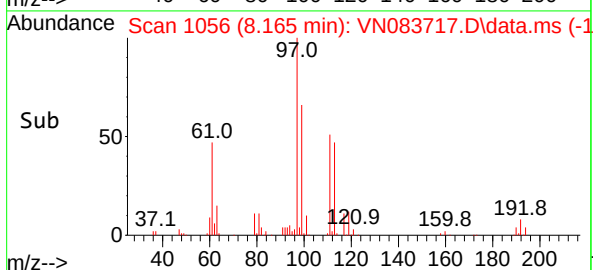
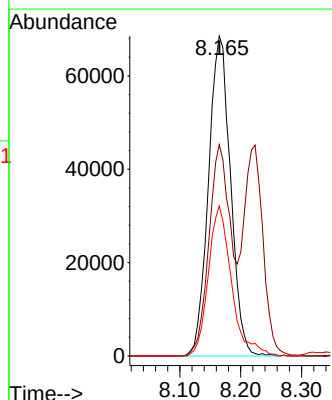
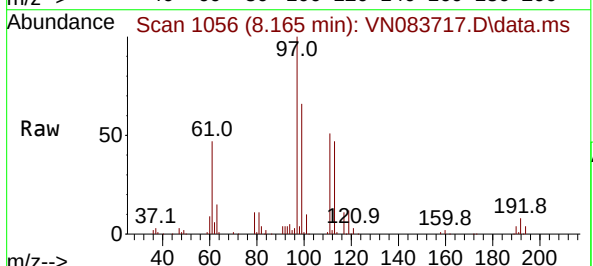
Tgt Ion: 97 Resp: 172363

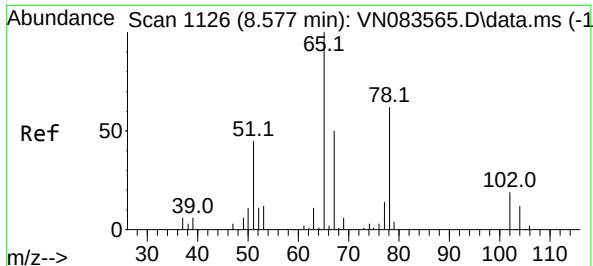
Ion Ratio Lower Upper

97 100

99 65.6 52.3 78.5

61 49.2 38.2 57.2





#33
1,2-Dichloroethane-d4
Concen: 55.299 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

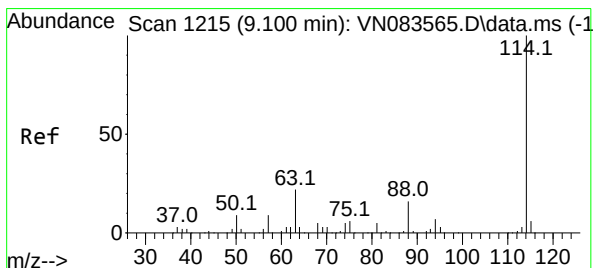
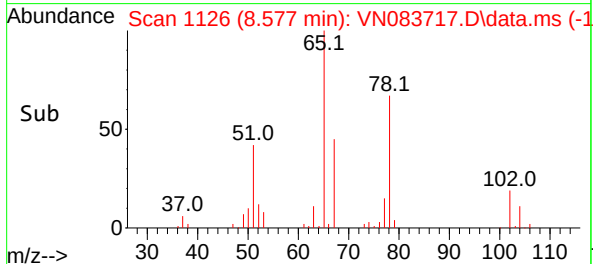
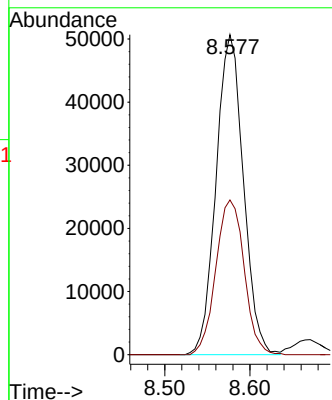
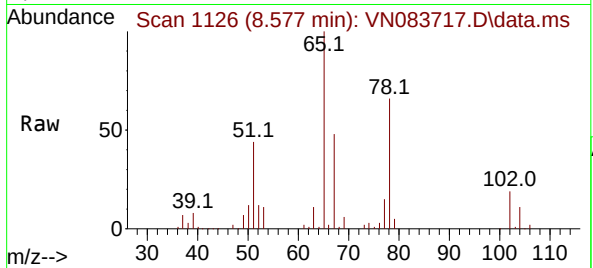
Tgt Ion: 65 Resp: 11303
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.8

Manual Integrations

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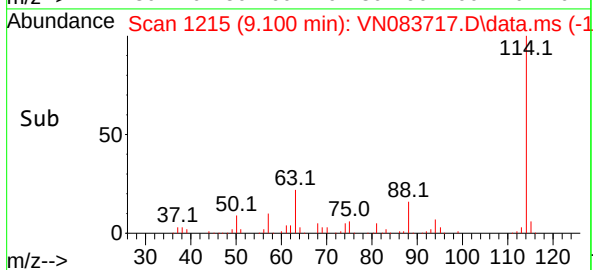
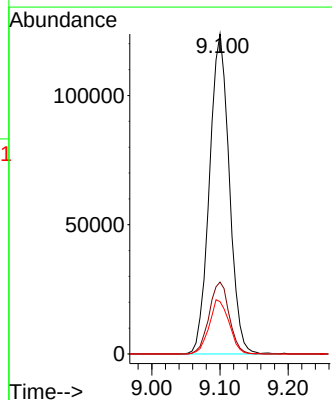
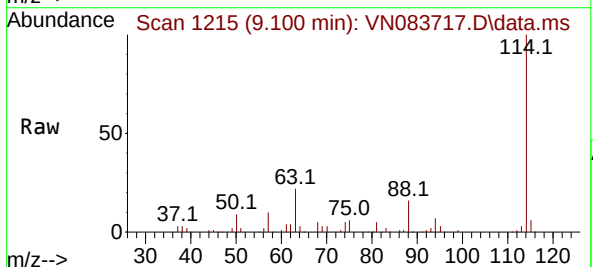
Reviewed By :John Carlone 09/10/2024

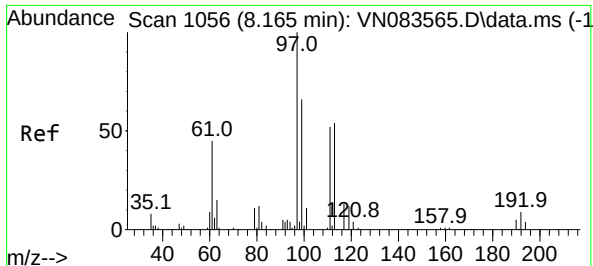
Supervised By :Mahesh Dadoda 09/10/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

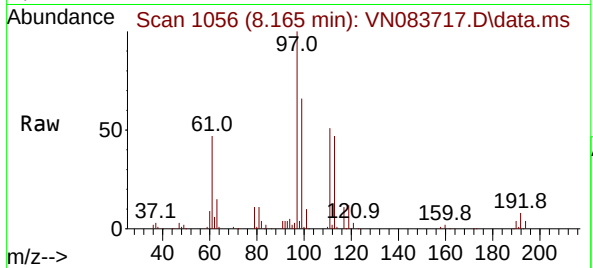
Tgt Ion:114 Resp: 250349
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.4
88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.395 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

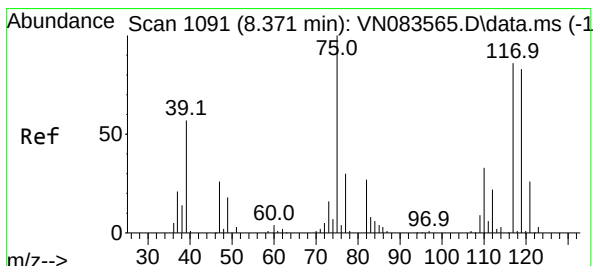
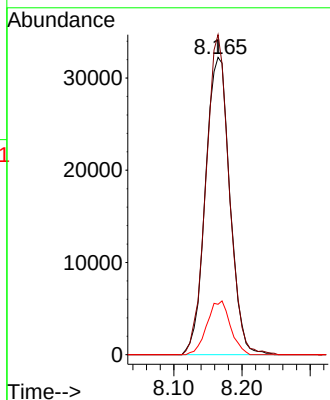
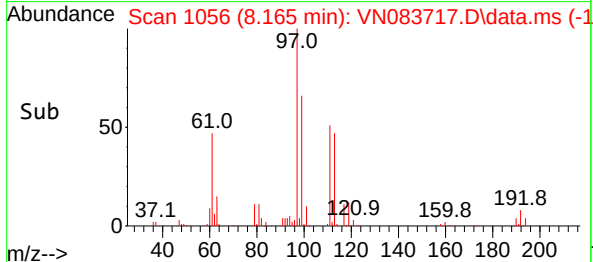
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



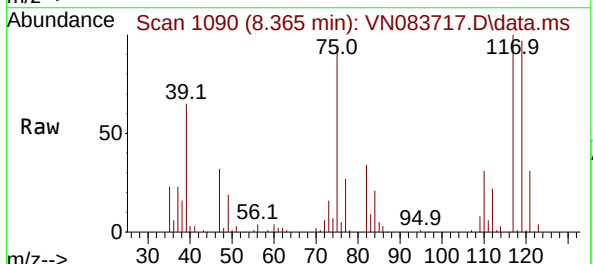
Tgt Ion: 113 Resp: 8045
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 17.3 14.3 21.5

Manual Integrations
APPROVED

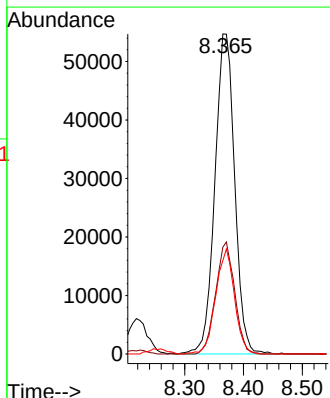
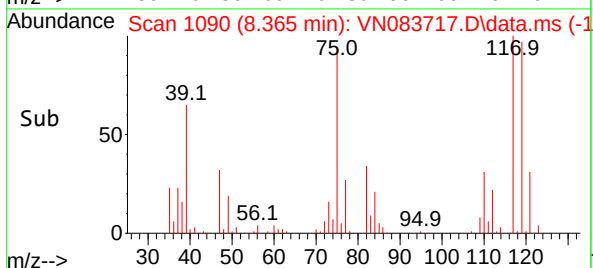
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

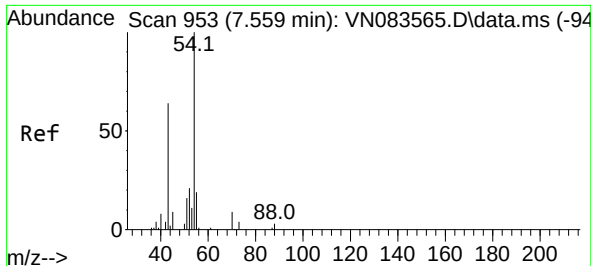


#36
1,1-Dichloropropene
Concen: 55.660 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04



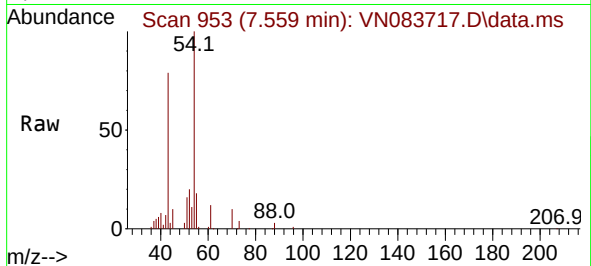
Tgt Ion: 75 Resp: 127927
Ion Ratio Lower Upper
75 100
110 33.6 16.7 50.1
77 31.1 25.2 37.8





#37
Ethyl Acetate
Concen: 54.002 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

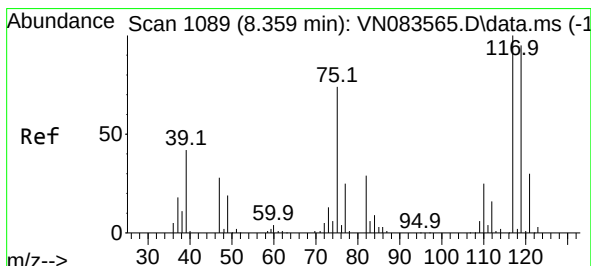
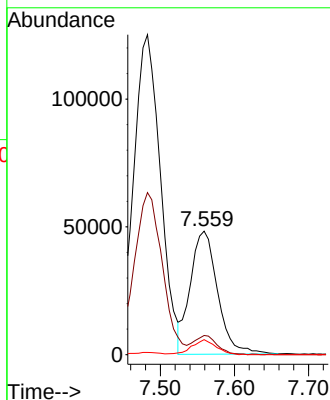
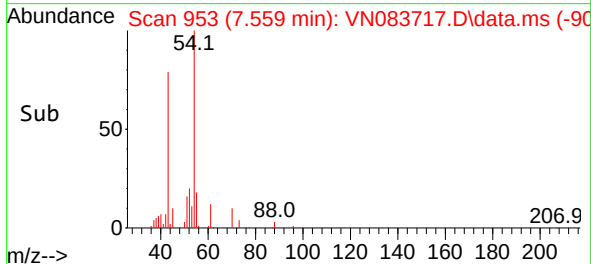
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 12352
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 10.8 8.8 13.2

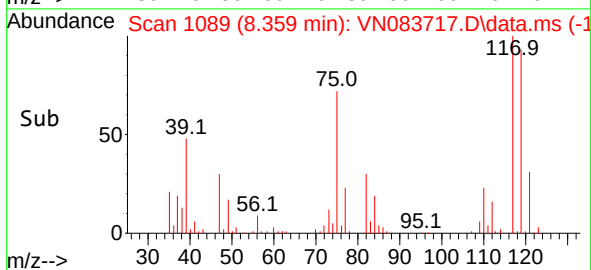
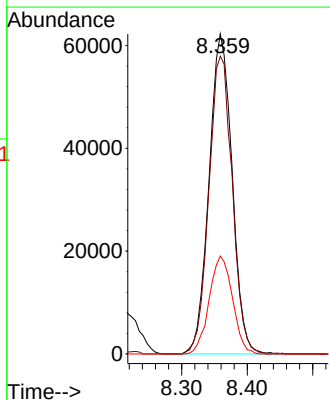
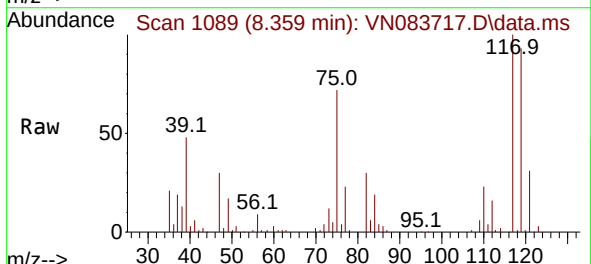
Manual Integrations
APPROVED

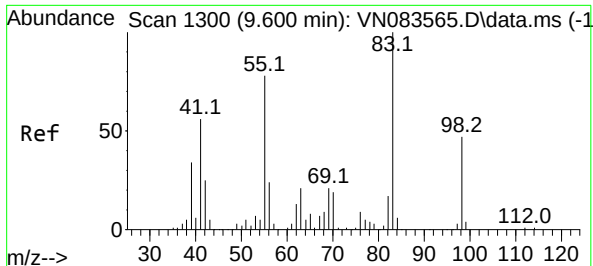
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#38
Carbon Tetrachloride
Concen: 57.922 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion:117 Resp: 151888
Ion Ratio Lower Upper
117 100
119 93.0 76.1 114.1
121 30.6 24.1 36.1





#39

Methylcyclohexane

Concen: 58.146 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 160364

Ion Ratio Lower Upper

83 100

55 78.4 62.2 93.4

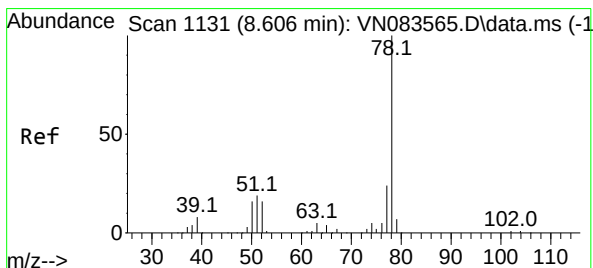
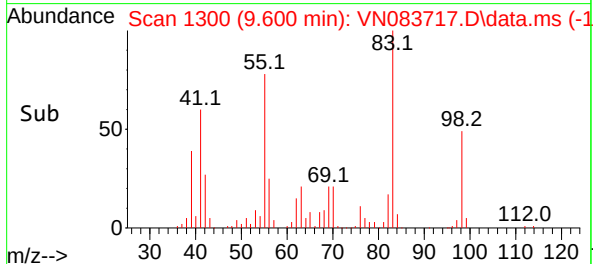
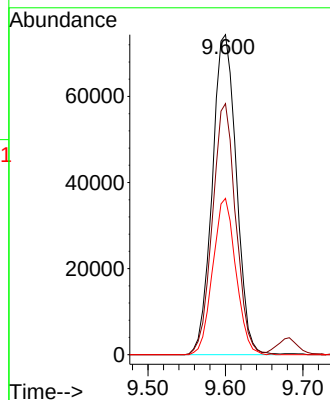
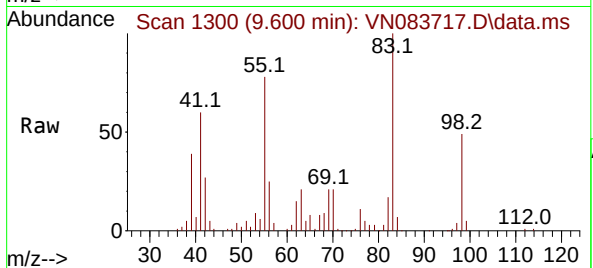
98 48.8 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#40

Benzene

Concen: 55.829 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN083717.D

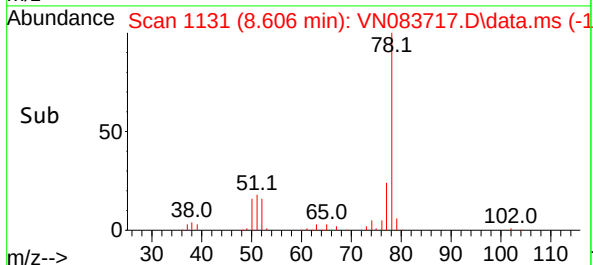
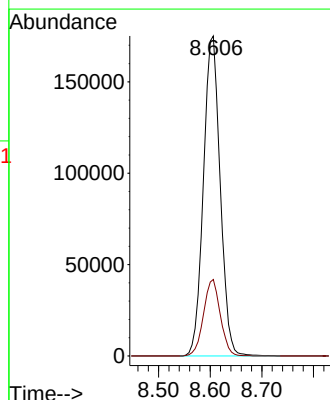
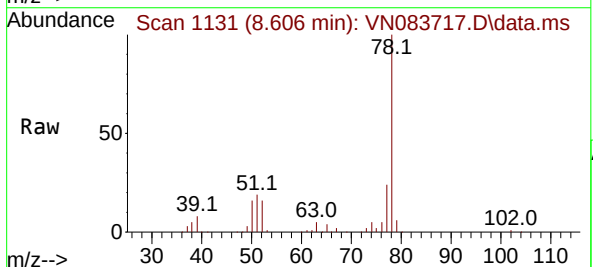
Acq: 09 Sep 2024 15:04

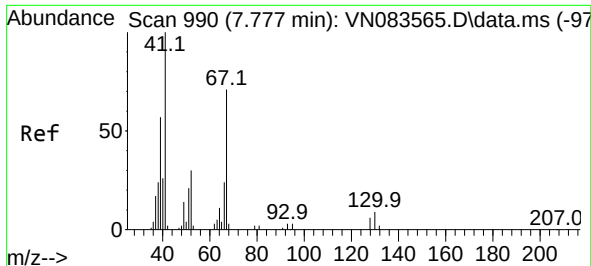
Tgt Ion: 78 Resp: 394723

Ion Ratio Lower Upper

78 100

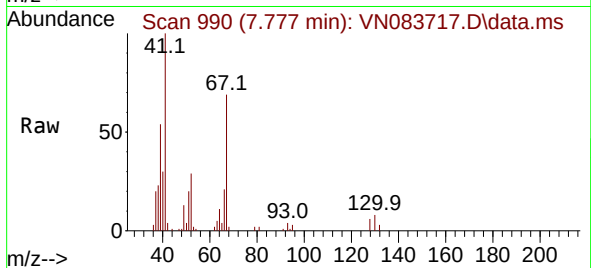
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 51.467 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

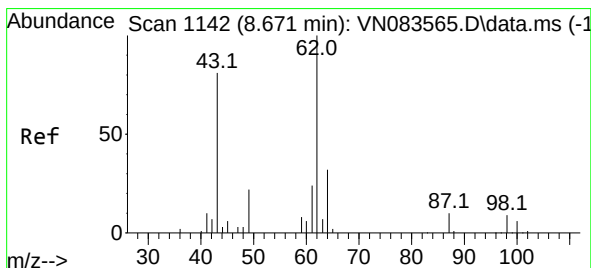
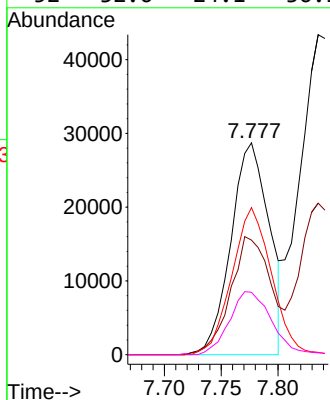
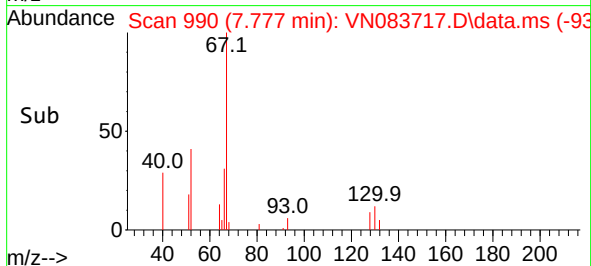
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 67179
Ion Ratio Lower Upper
41 100
39 59.9 45.4 68.2
67 72.3 55.9 83.9
52 32.6 24.1 36.1

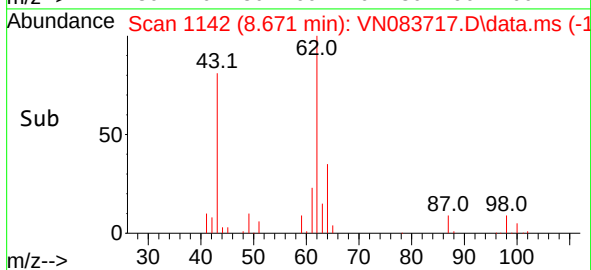
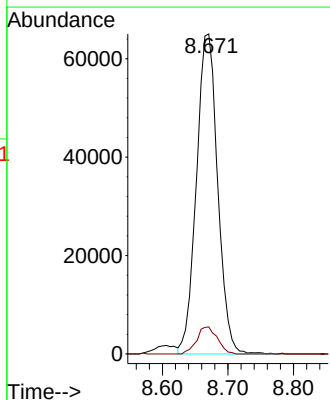
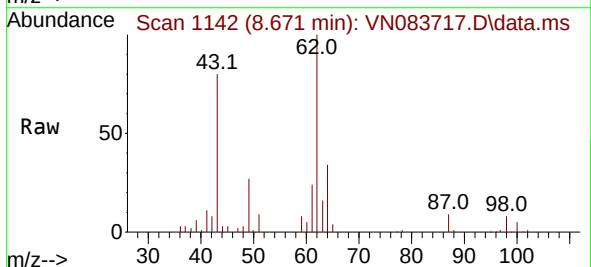
Manual Integrations
APPROVED

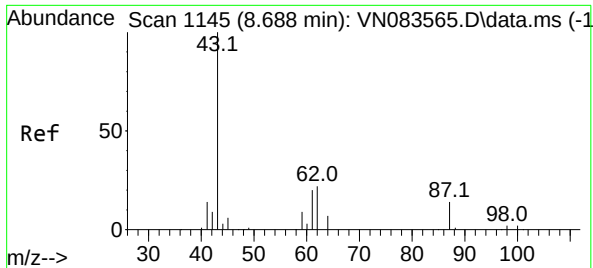
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#42
1,2-Dichloroethane
Concen: 56.036 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

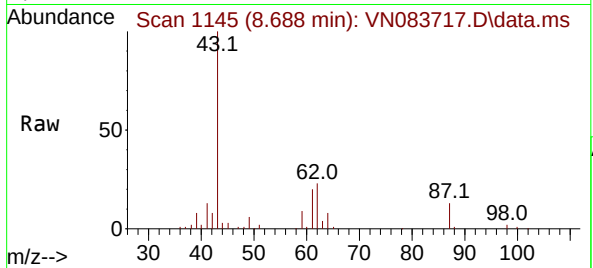
Tgt Ion: 62 Resp: 146858
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.6





#43
Isopropyl Acetate
Concen: 47.706 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

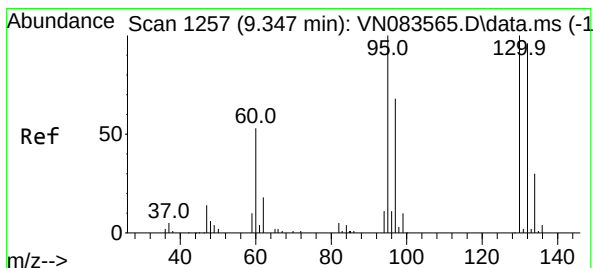
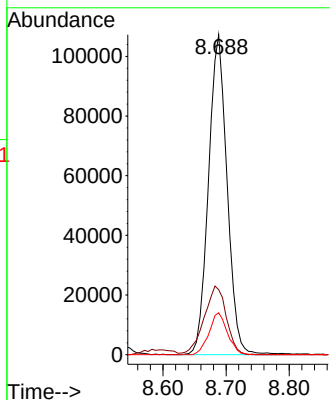
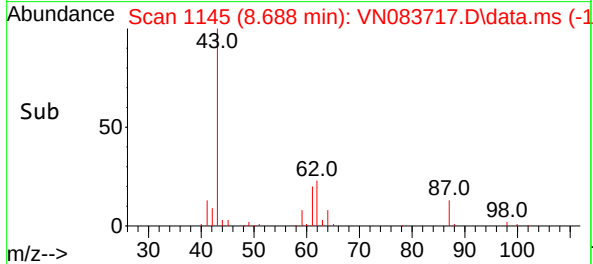
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 219224
Ion Ratio Lower Upper
43 100
61 25.6 19.4 29.0
87 12.9 9.8 14.6

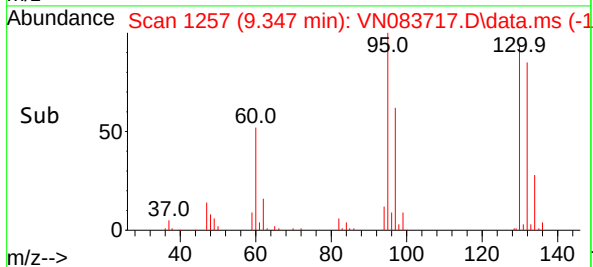
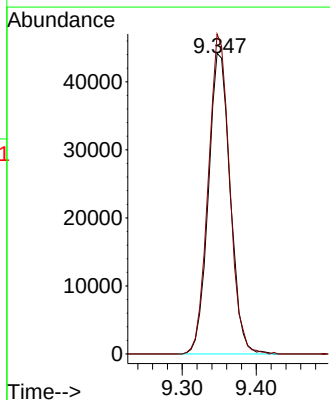
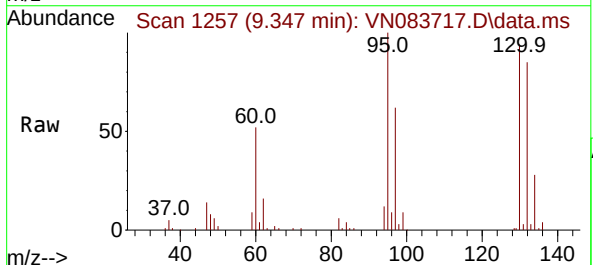
Manual Integrations
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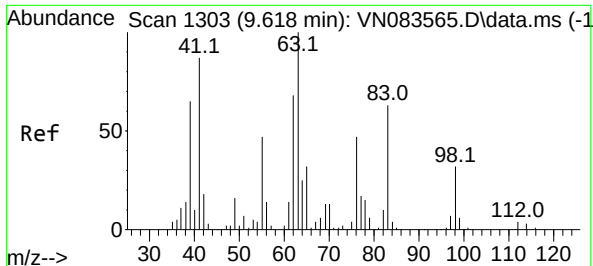
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#44
Trichloroethene
Concen: 53.096 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion:130 Resp: 90305
Ion Ratio Lower Upper
130 100
95 106.4 0.0 200.4





#45

1,2-Dichloropropane

Concen: 56.601 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9322

Ion Ratio Lower Upper

63 100

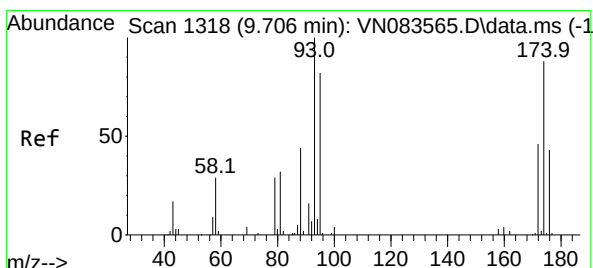
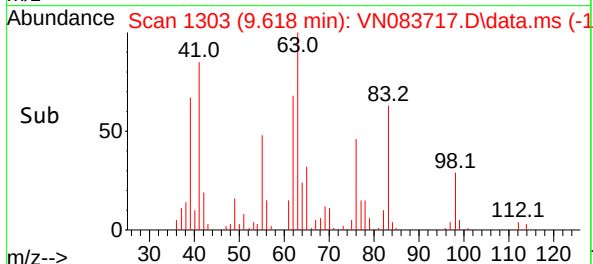
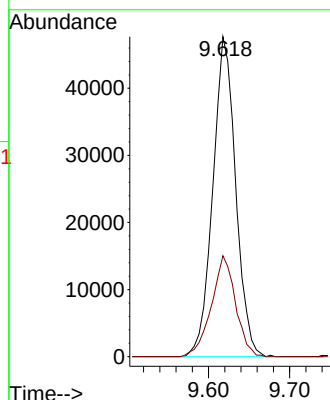
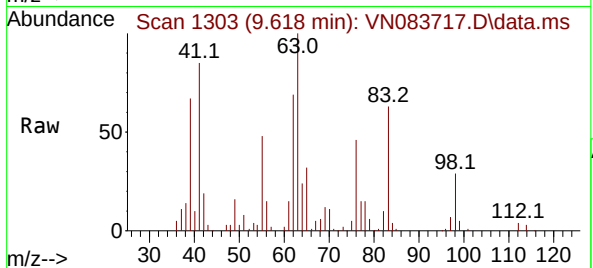
65 31.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#46

Dibromomethane

Concen: 55.666 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

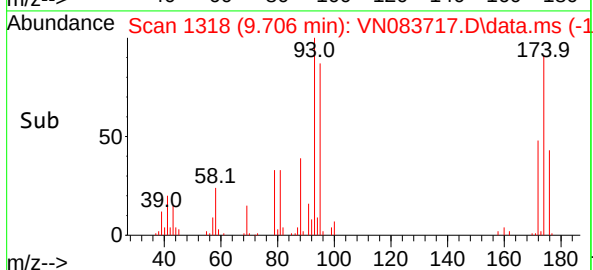
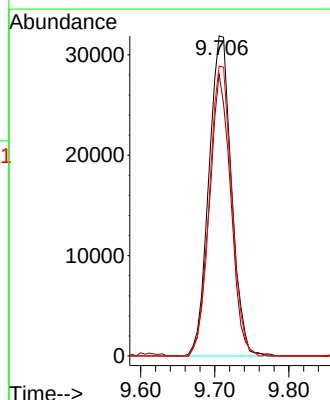
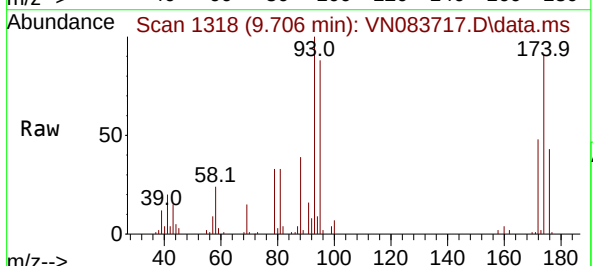
Tgt Ion: 93 Resp: 67638

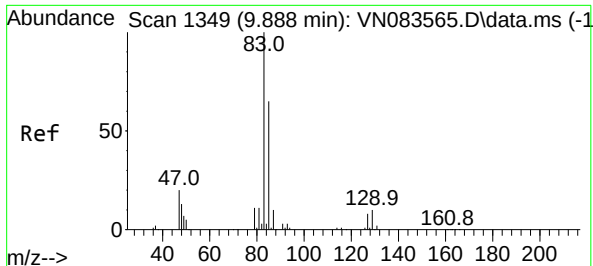
Ion Ratio Lower Upper

93 100

95 83.2 65.3 97.9

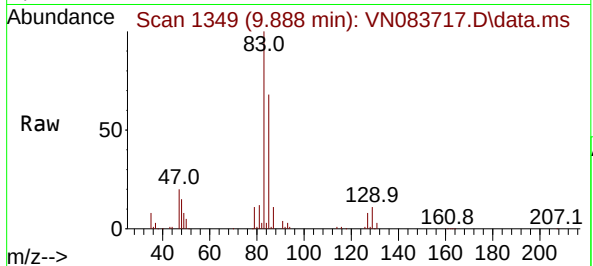
174 89.3 71.0 106.4





#47
Bromodichloromethane
Concen: 56.889 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

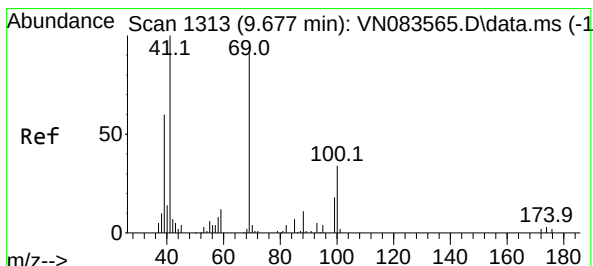
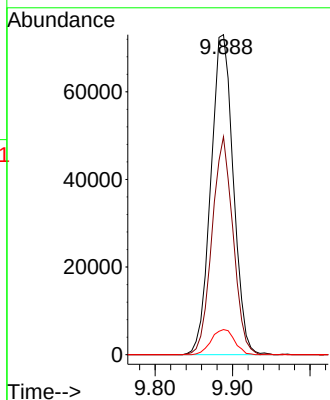
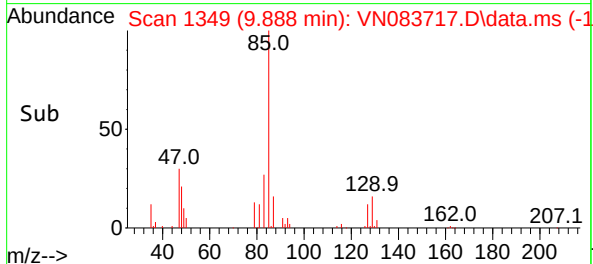
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



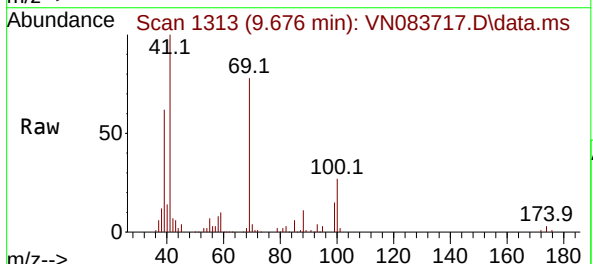
Tgt Ion: 83 Resp: 14714
Ion Ratio Lower Upper
83 100
85 68.1 51.8 77.8
127 7.9 6.6 9.8

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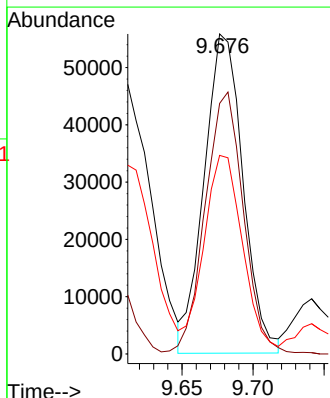
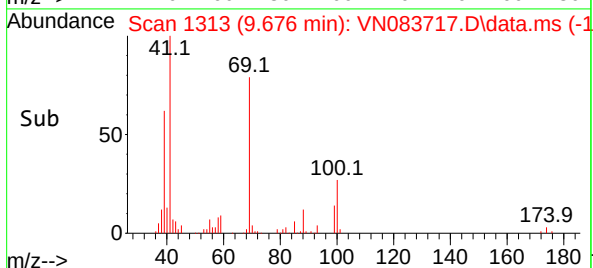
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

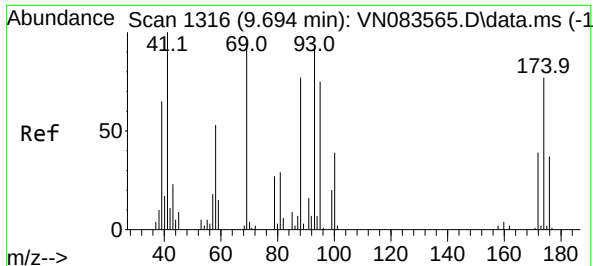


#48
Methyl methacrylate
Concen: 56.446 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04



Tgt Ion: 41 Resp: 105898
Ion Ratio Lower Upper
41 100
69 81.3 64.3 96.5
39 63.1 48.9 73.3





#49

1,4-Dioxane

Concen: 1113.802 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 34240

Ion Ratio Lower Upper

88 100

43 28.0 0.0 0.0

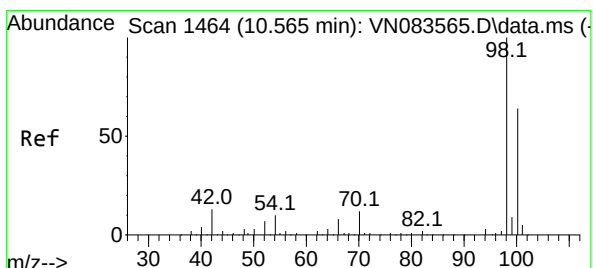
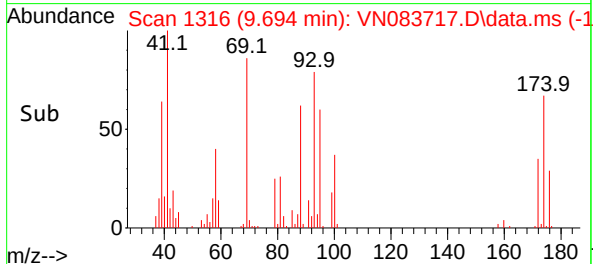
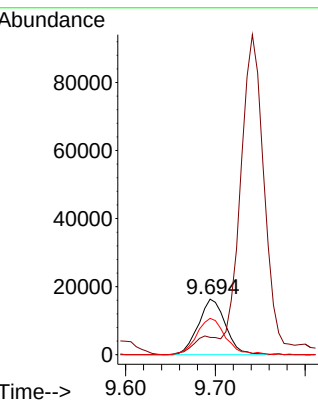
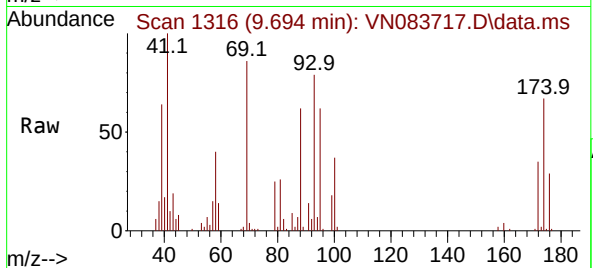
58 69.1 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#50

Toluene-d8

Concen: 50.873 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083717.D

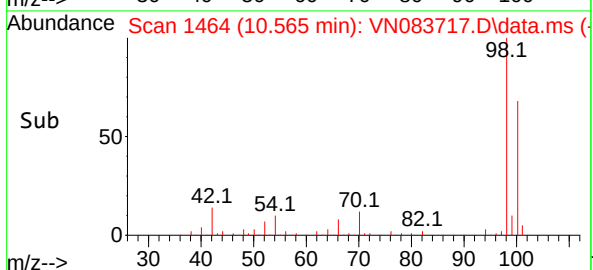
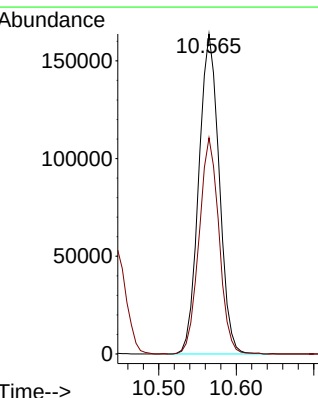
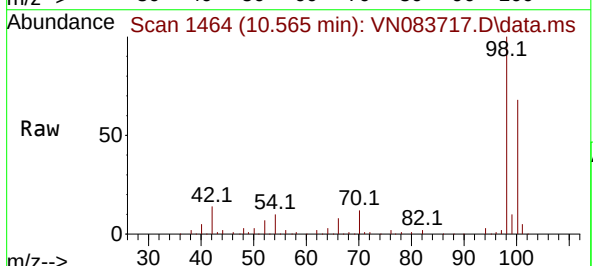
Acq: 09 Sep 2024 15:04

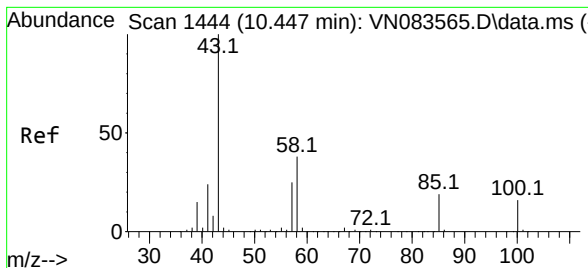
Tgt Ion: 98 Resp: 298967

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0





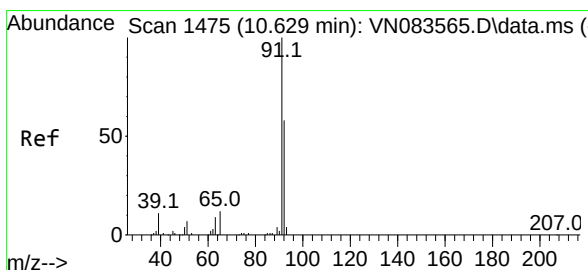
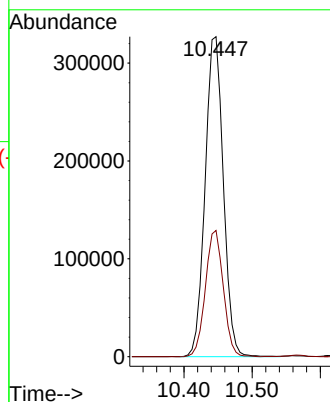
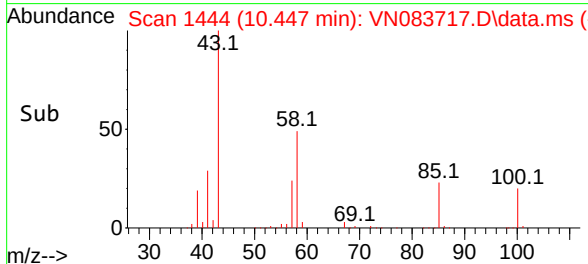
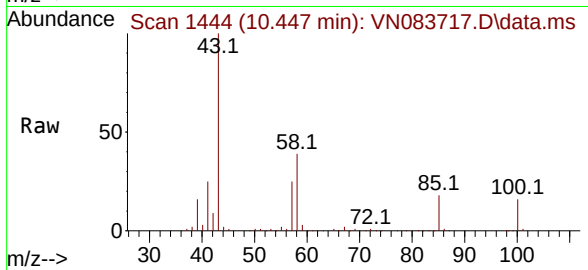
#51
4-Methyl-2-Pentanone
Concen: 286.236 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 608689
Ion Ratio Lower Upper
43 100
58 38.8 31.6 47.4

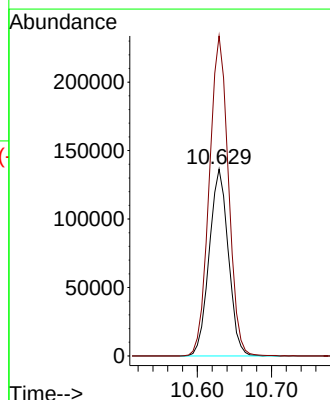
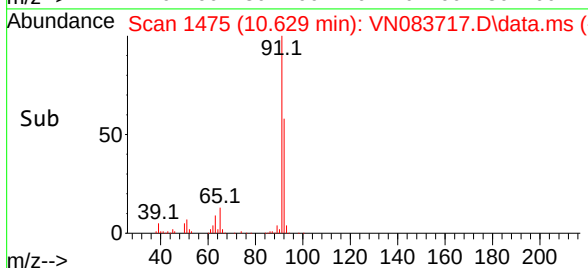
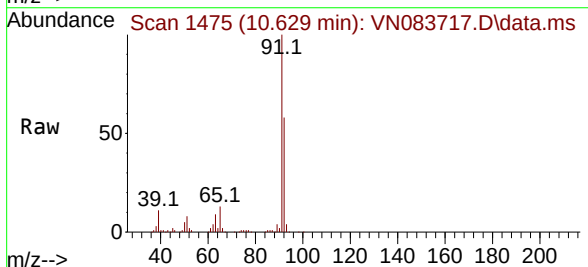
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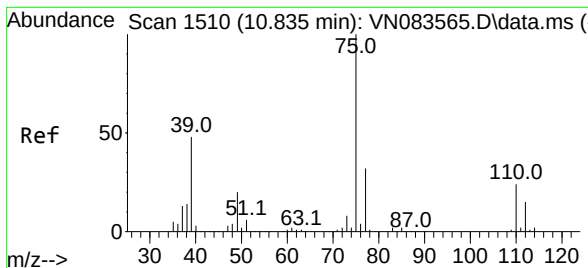
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#52
Toluene
Concen: 55.380 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion: 92 Resp: 244880
Ion Ratio Lower Upper
92 100
91 171.4 134.7 202.1





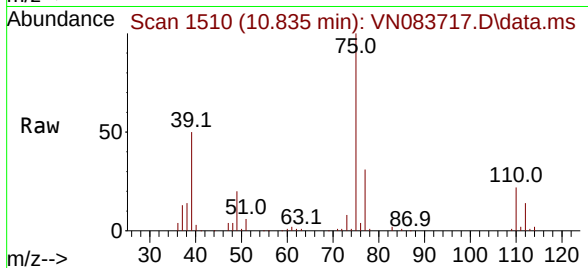
#53
t-1,3-Dichloropropene
Concen: 57.976 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



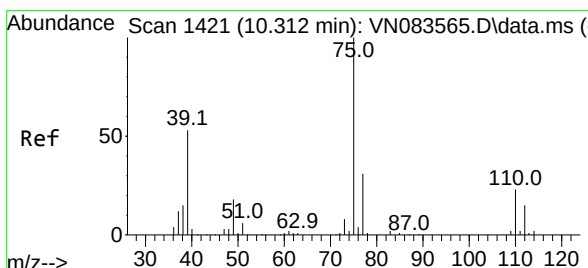
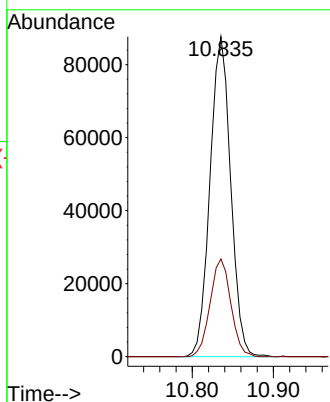
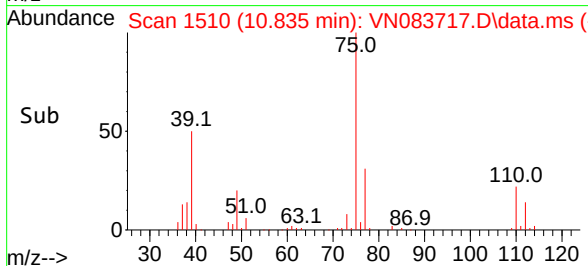
Tgt Ion: 75 Resp: 155238
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6

Manual Integrations

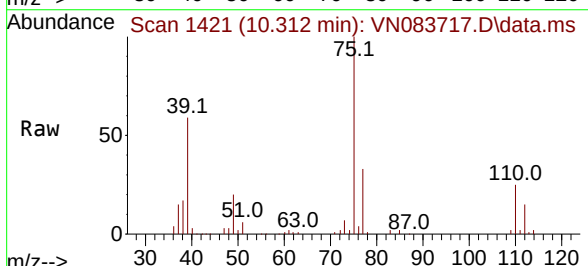
APPROVED

Reviewed By :John Carlone 09/10/2024

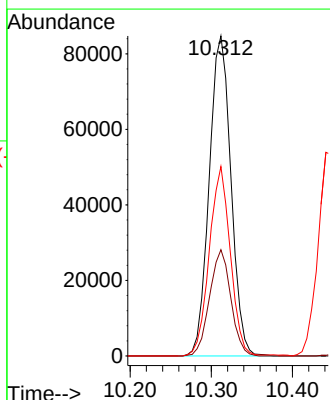
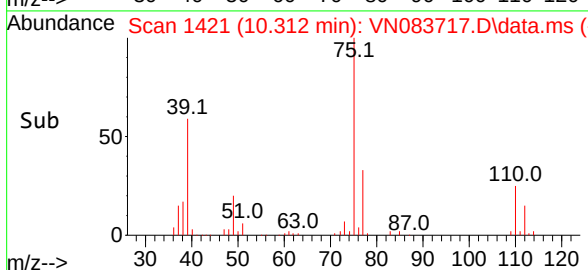
Supervised By :Mahesh Dadoda 09/10/2024

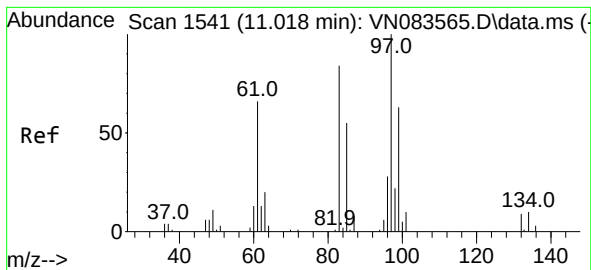


#54
cis-1,3-Dichloropropene
Concen: 56.116 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04



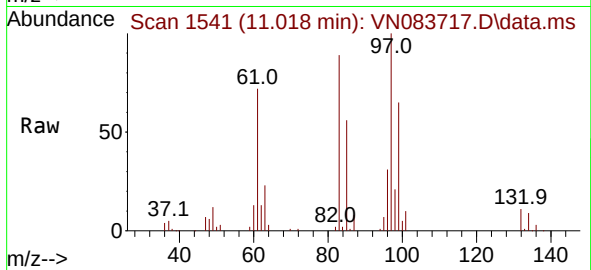
Tgt Ion: 75 Resp: 157715
Ion Ratio Lower Upper
75 100
77 33.2 25.0 37.6
39 59.2 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 56.839 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

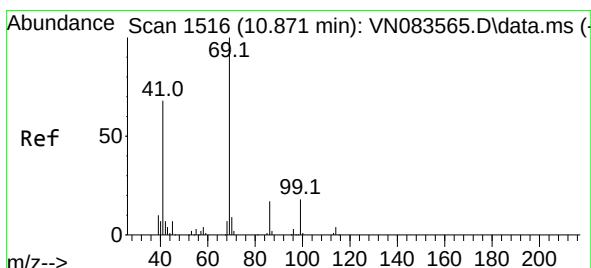
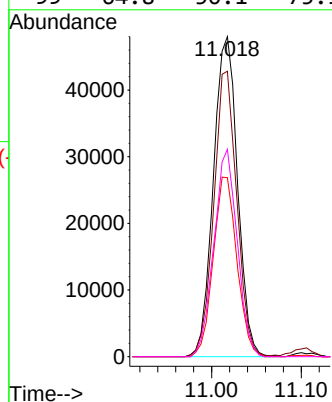
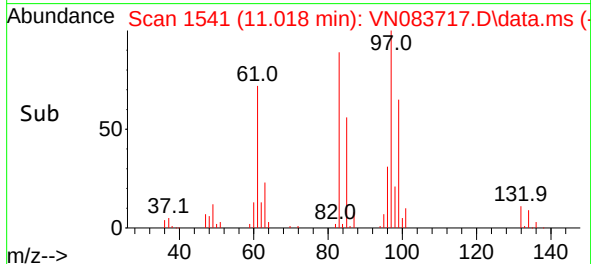
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



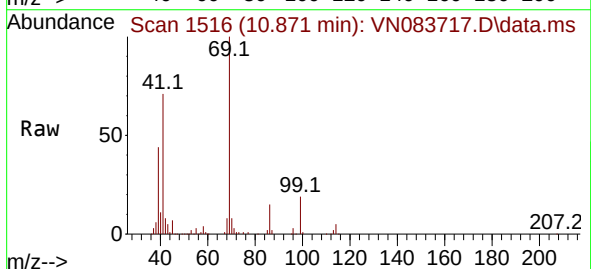
Tgt Ion:	97	Resp:	89700
Ion	Ratio	Lower	Upper
97	100		
83	89.2	67.5	101.3
85	56.0	44.2	66.2
99	64.8	50.1	75.1

Manual Integrations
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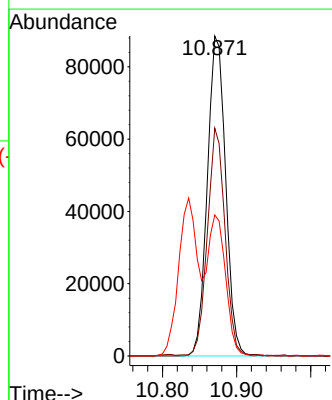
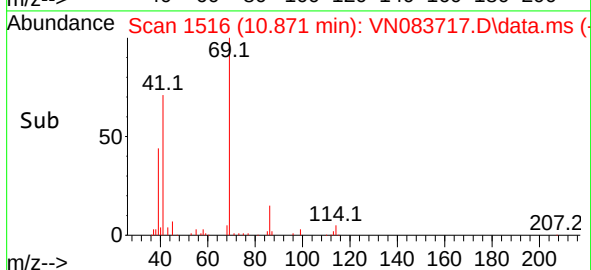
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

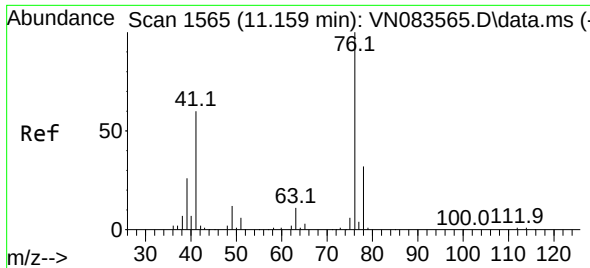


#56
Ethyl methacrylate
Concen: 58.171 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04



Tgt Ion:	69	Resp:	151878
Ion	Ratio	Lower	Upper
69	100		
41	68.8	53.9	80.9
39	43.6	32.6	48.8





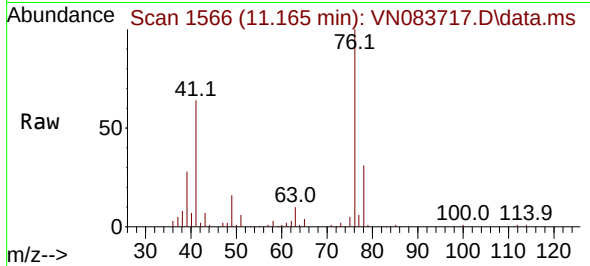
#57
1,3-Dichloropropane
Concen: 56.128 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



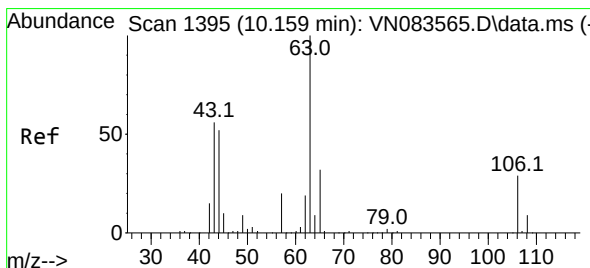
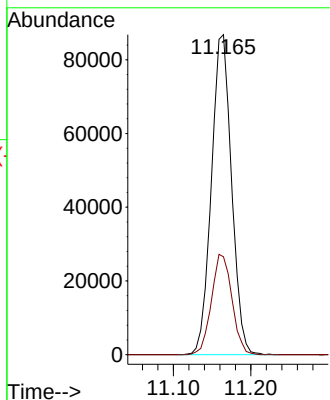
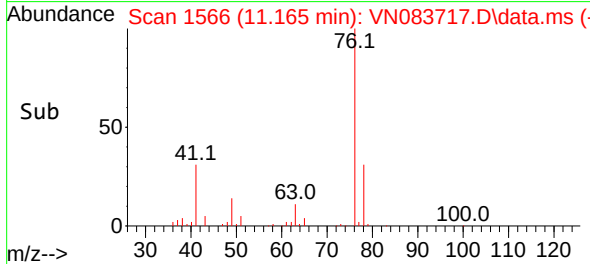
Tgt Ion: 76 Resp: 156828
Ion Ratio Lower Upper
76 100
78 31.9 25.8 38.6

Manual Integrations

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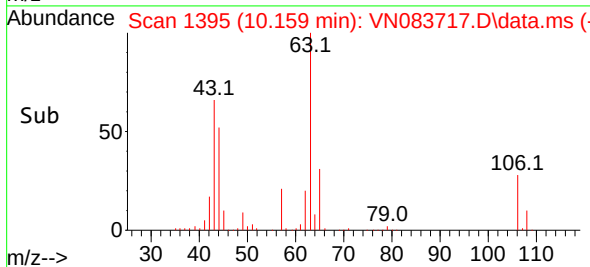
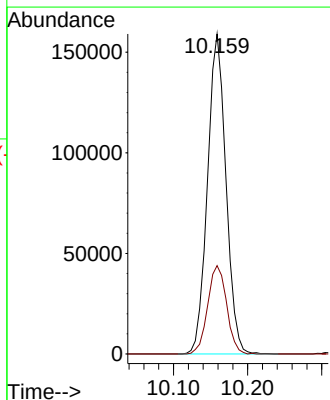
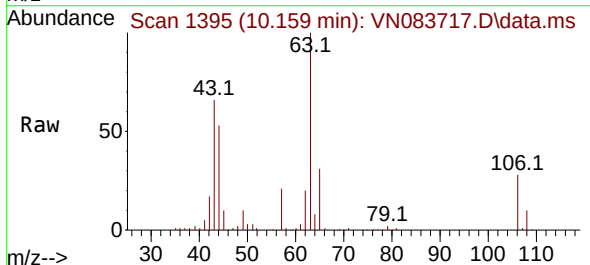
Reviewed By :John Carlone 09/10/2024

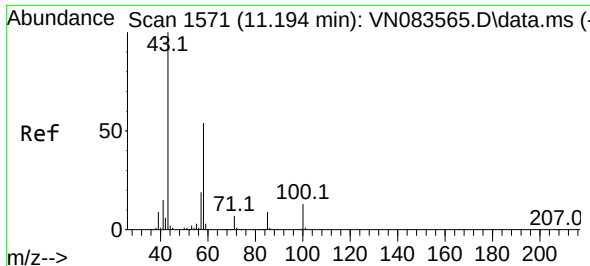
Supervised By :Mahesh Dadoda 09/10/2024



#58
2-Chloroethyl Vinyl ether
Concen: 242.478 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

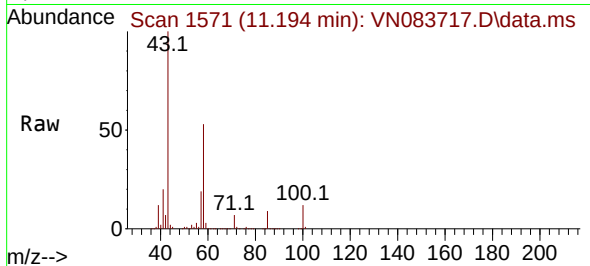
Tgt Ion: 63 Resp: 275086
Ion Ratio Lower Upper
63 100
106 28.3 23.3 34.9





#59
2-Hexanone
Concen: 292.473 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

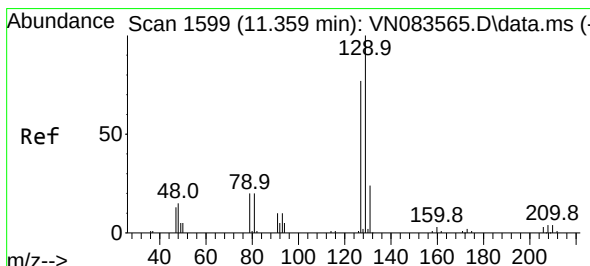
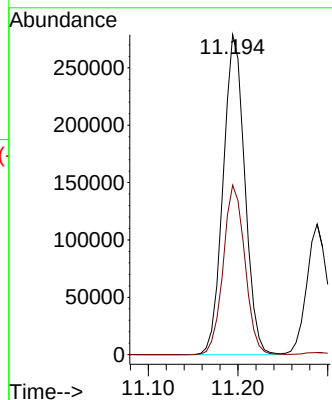
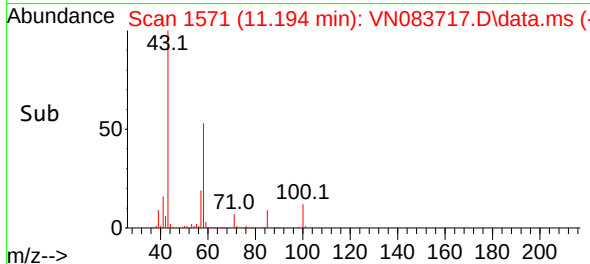
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 466760
Ion Ratio Lower Upper
43 100
58 53.0 27.2 81.5

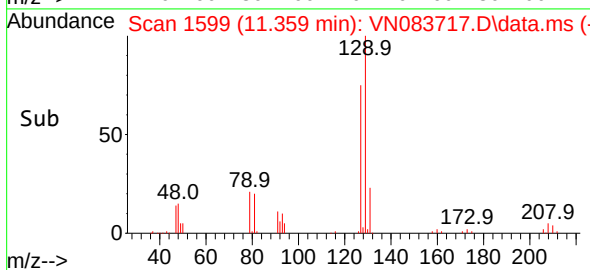
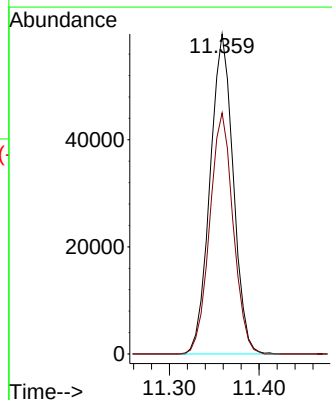
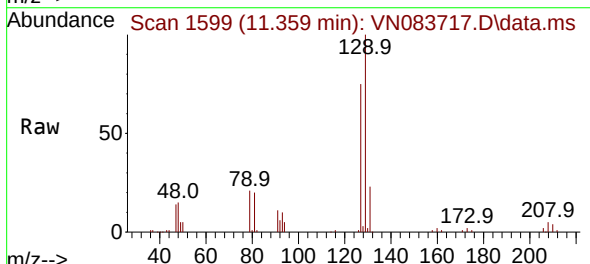
Manual Integrations
APPROVED

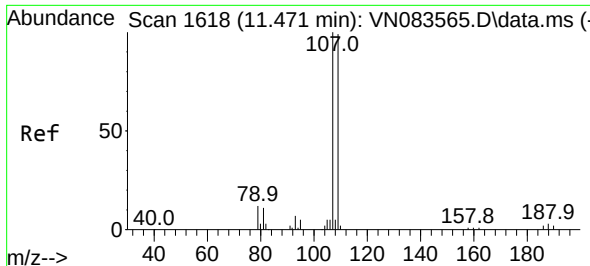
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#60
Dibromochloromethane
Concen: 58.612 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

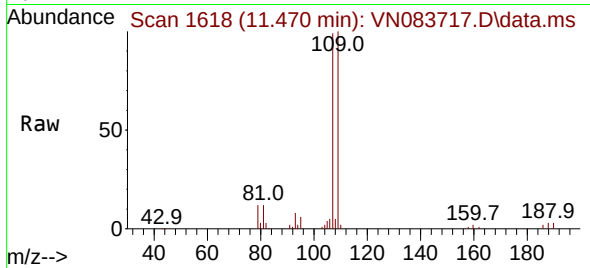
Tgt Ion:129 Resp: 107185
Ion Ratio Lower Upper
129 100
127 76.1 39.0 116.9





#61
1,2-Dibromoethane
Concen: 55.289 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

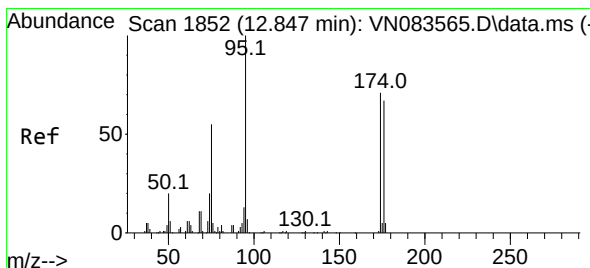
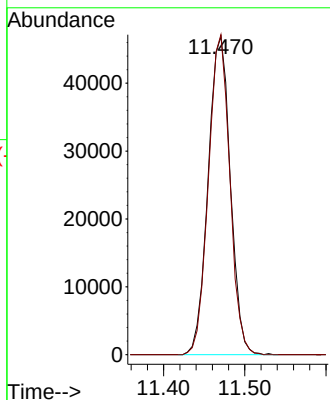
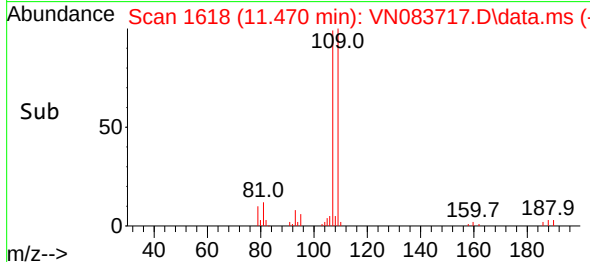
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



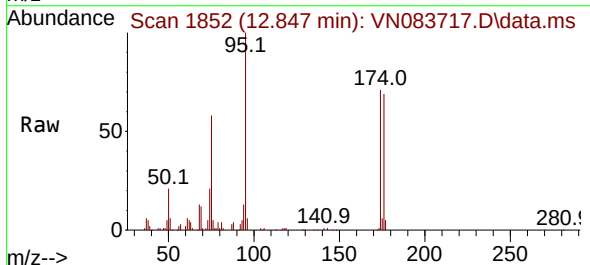
Tgt Ion:107 Resp: 89150
Ion Ratio Lower Upper
107 100
109 96.7 75.6 113.4

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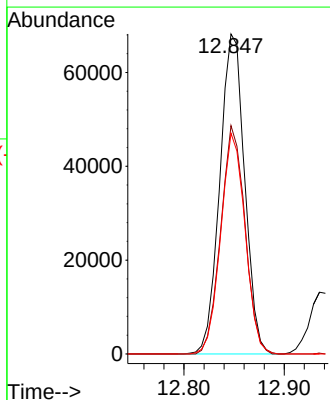
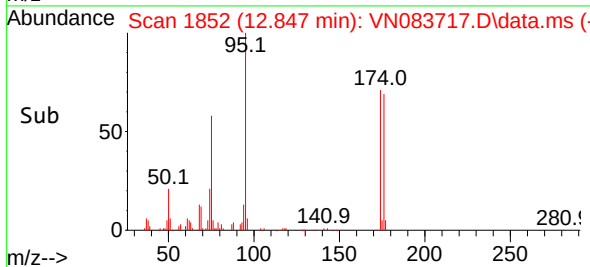
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

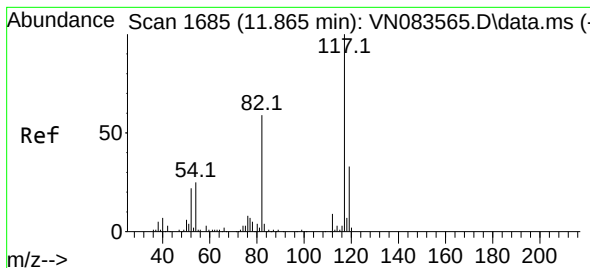


#62
4-Bromofluorobenzene
Concen: 53.848 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04



Tgt Ion: 95 Resp: 117048
Ion Ratio Lower Upper
95 100
174 69.6 0.0 139.8
176 67.7 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: VN083717.D

Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 219790

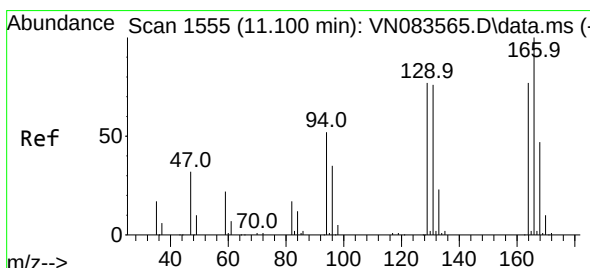
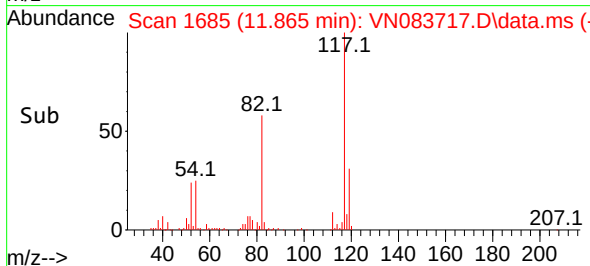
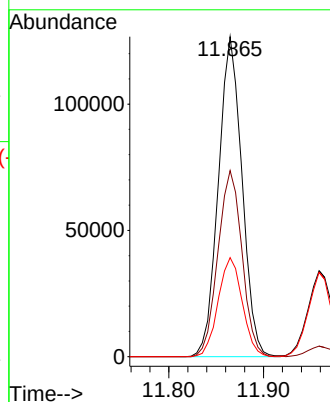
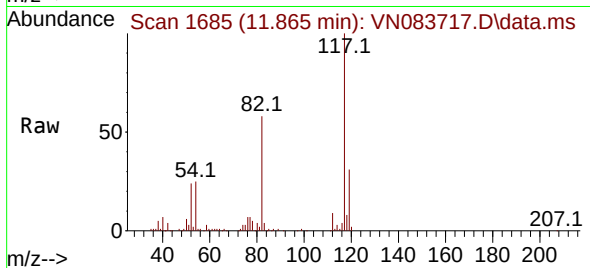
Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.4	71.0
119	31.0	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#64

Tetrachloroethene

Concen: 53.389 ug/l

RT: 11.106 min Scan# 1556

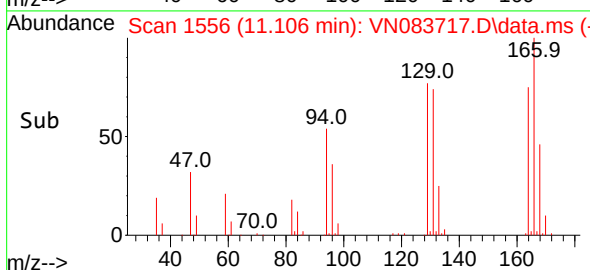
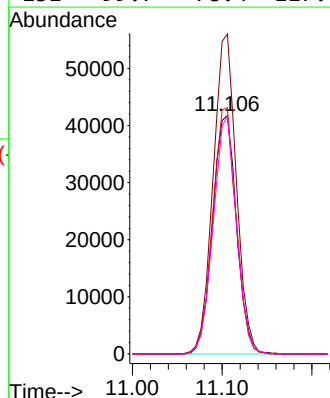
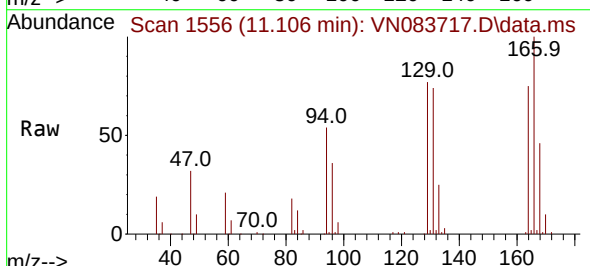
Delta R.T. 0.006 min

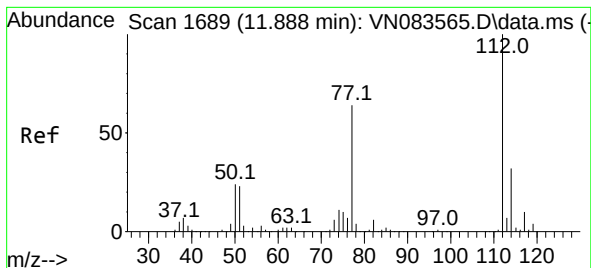
Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

Tgt Ion:164 Resp: 77133

Ion	Ratio	Lower	Upper
164	100		
166	134.2	103.7	155.5
129	103.3	79.9	119.9
131	99.7	78.4	117.6





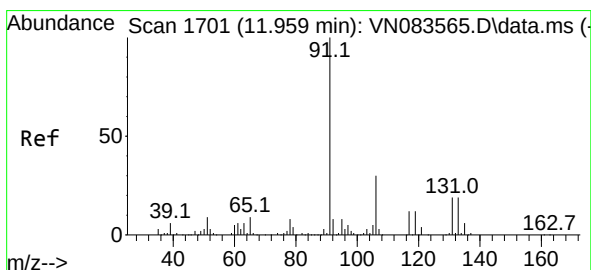
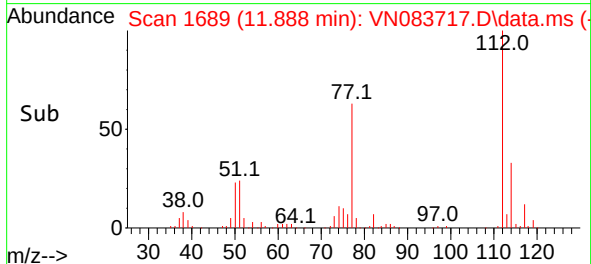
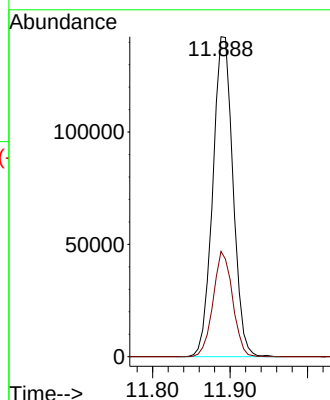
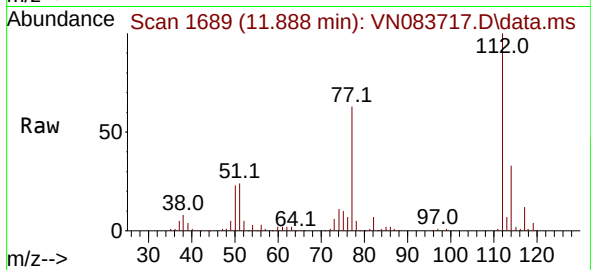
#65
Chlorobenzene
Concen: 52.218 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 25739
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

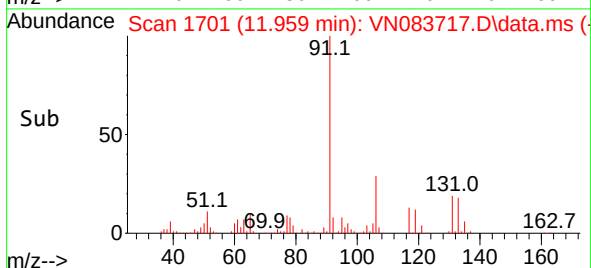
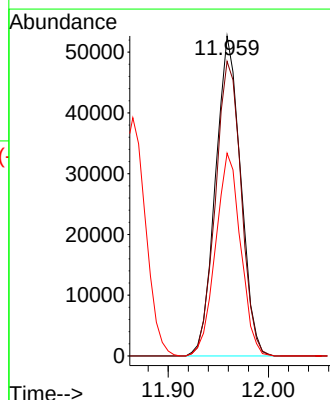
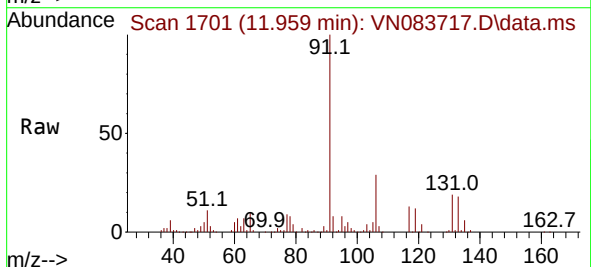
Manual Integrations
APPROVED

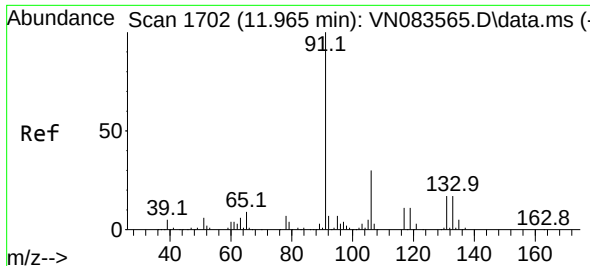
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.233 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion:131 Resp: 91921
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.6
119 63.0 31.6 94.8





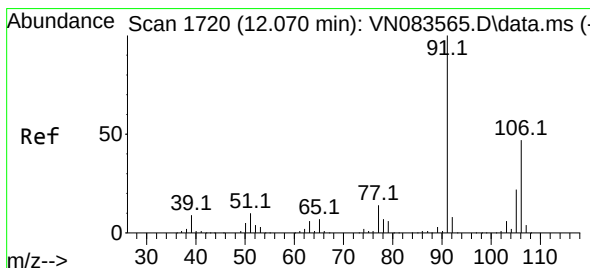
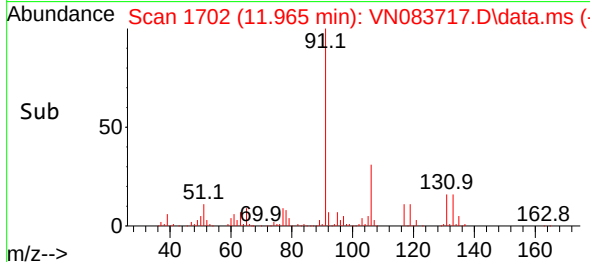
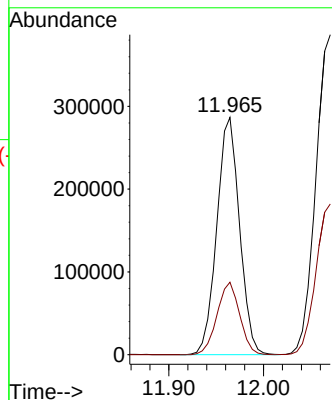
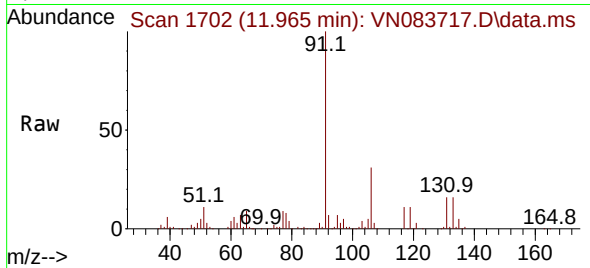
#67
Ethyl Benzene
Concen: 54.353 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 478240
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

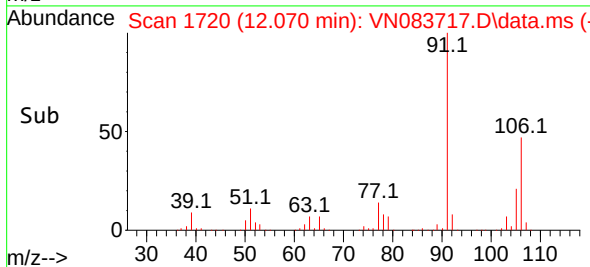
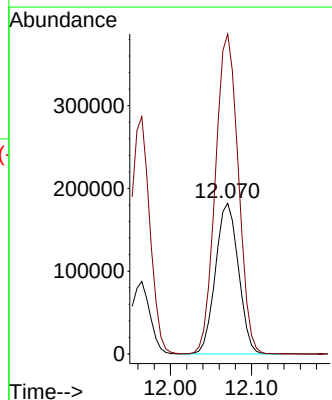
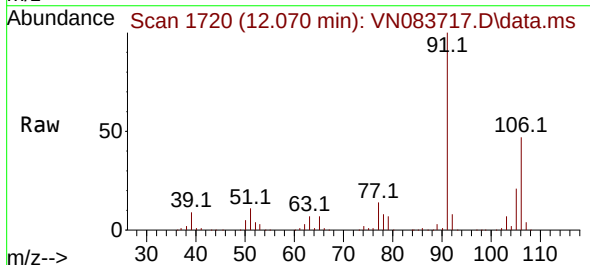
Manual Integrations
APPROVED

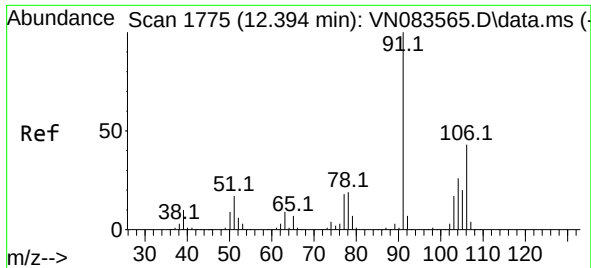
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#68
m/p-Xylenes
Concen: 107.982 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion:106 Resp: 357925
Ion Ratio Lower Upper
106 100
91 212.2 169.2 253.8





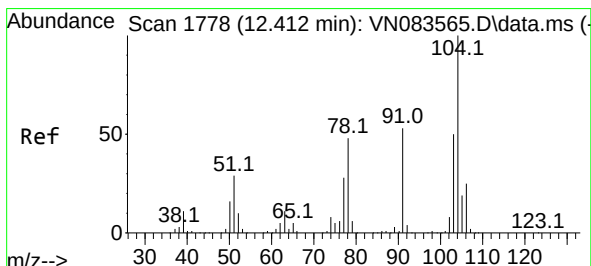
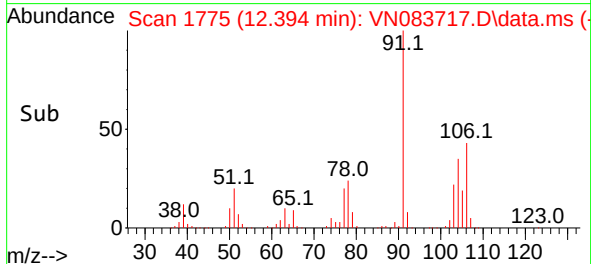
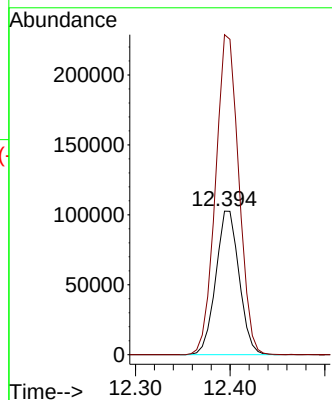
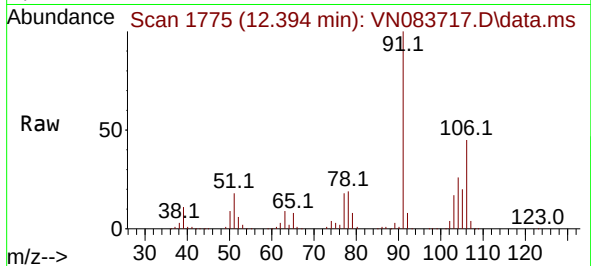
#69
o-Xylene
Concen: 54.952 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 176048
Ion Ratio Lower Upper
106 100
91 222.0 112.9 338.6

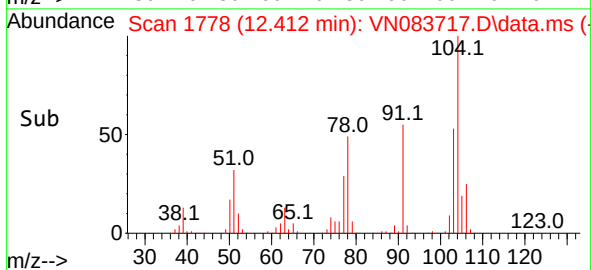
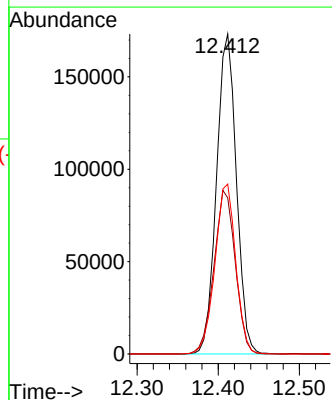
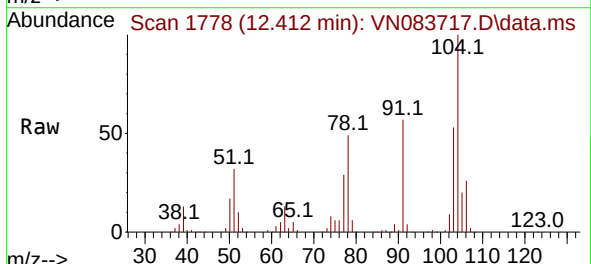
Manual Integrations
APPROVED

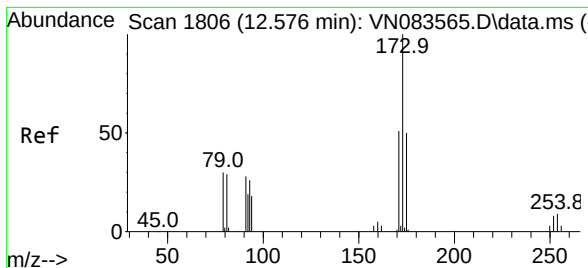
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#70
Styrene
Concen: 54.720 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

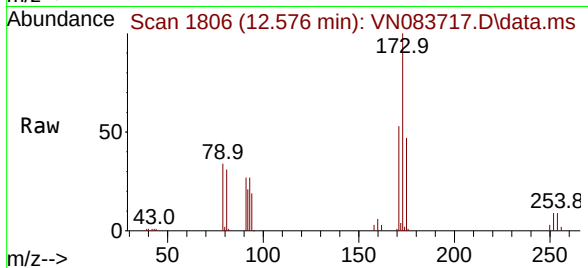
Tgt Ion:104 Resp: 294756
Ion Ratio Lower Upper
104 100
78 54.8 43.3 64.9
103 55.7 43.4 65.2





#71
Bromoform
Concen: 56.755 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

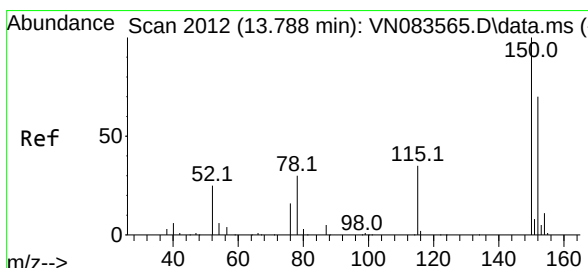
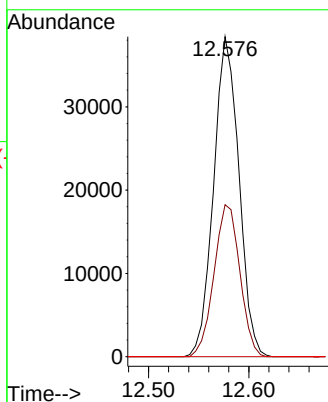
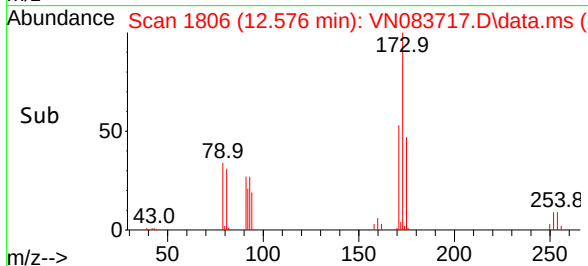
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



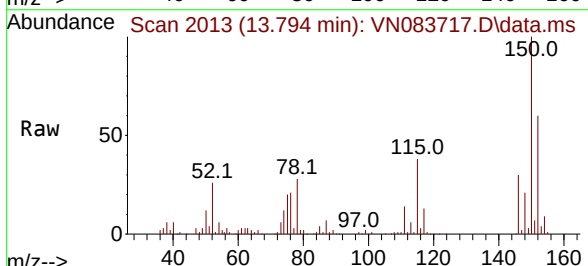
Tgt Ion:173 Resp: 6727
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
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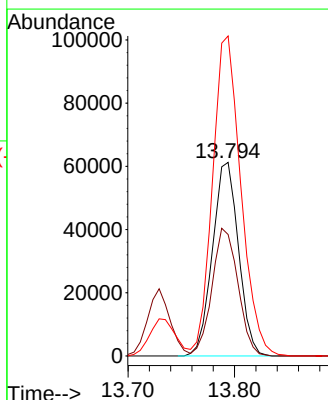
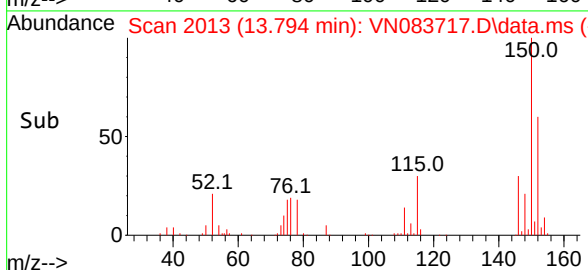
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

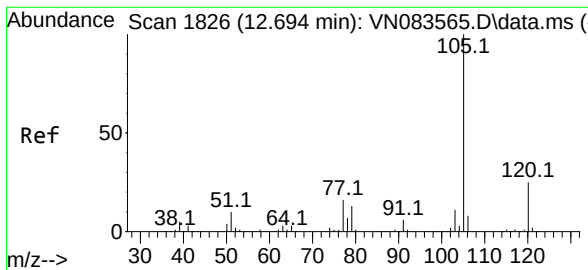


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04



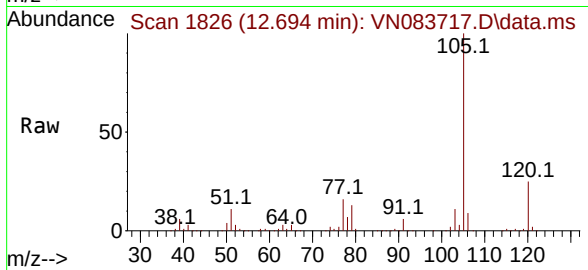
Tgt Ion:152 Resp: 103920
Ion Ratio Lower Upper
152 100
115 65.7 32.2 96.6
150 179.5 0.0 348.6





#73
Isopropylbenzene
Concen: 54.827 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

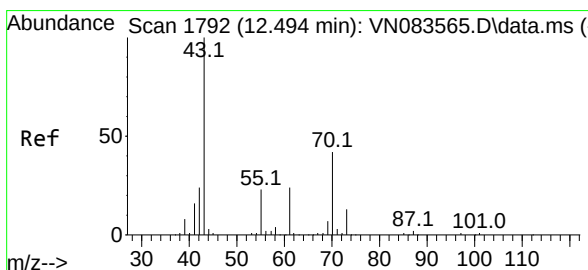
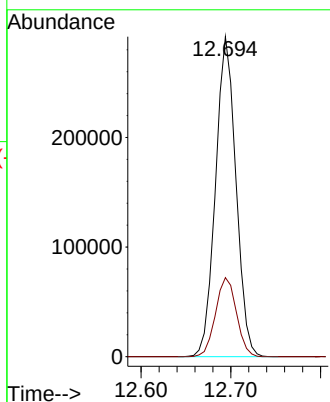
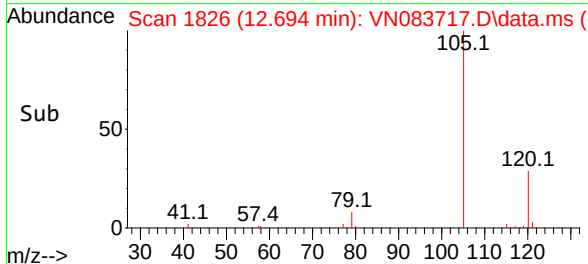
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



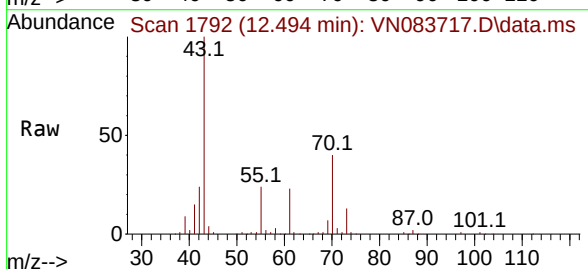
Tgt Ion:105 Resp: 46115
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8

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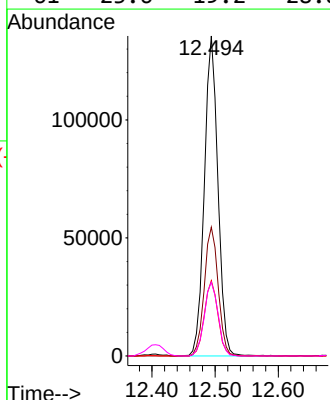
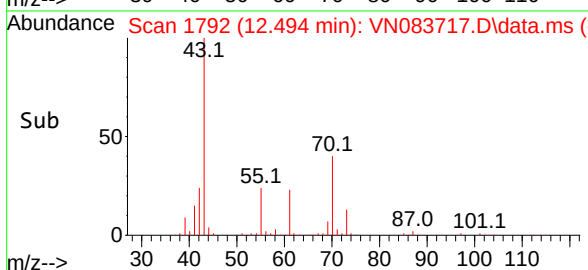
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

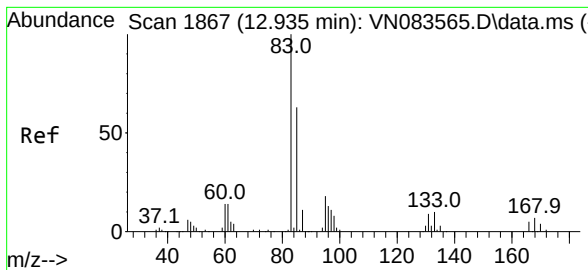


#74
N-ethyl acetate
Concen: 55.241 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04



Tgt Ion: 43 Resp: 201673
Ion Ratio Lower Upper
43 100
70 41.1 34.5 51.7
55 23.7 18.6 28.0
61 23.6 19.2 28.8





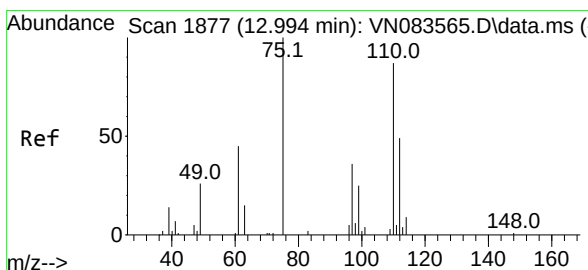
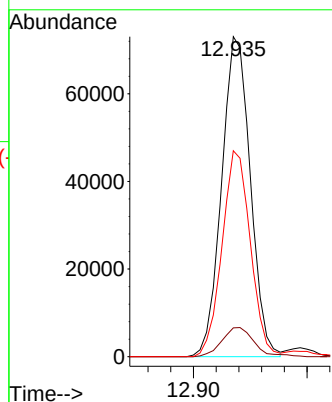
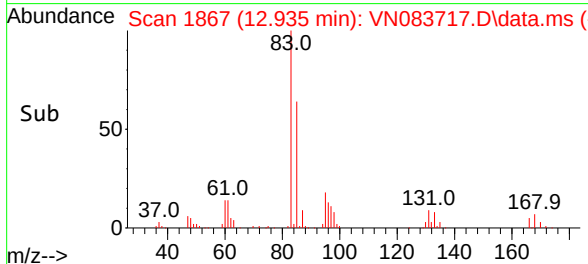
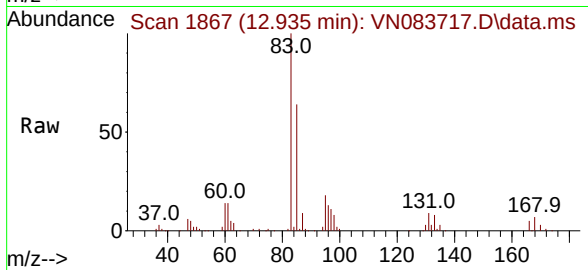
#75
1,1,2,2-Tetrachloroethane
Concen: 53.694 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12821
Ion Ratio Lower Upper
83 100
131 10.2 5.2 15.6
85 63.5 31.9 95.9

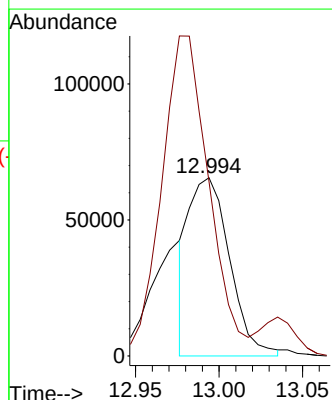
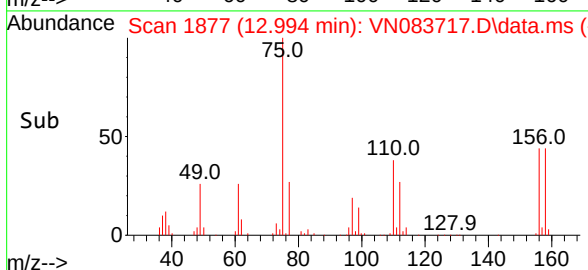
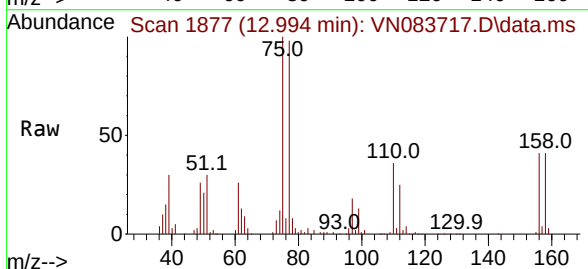
Manual Integrations
APPROVED

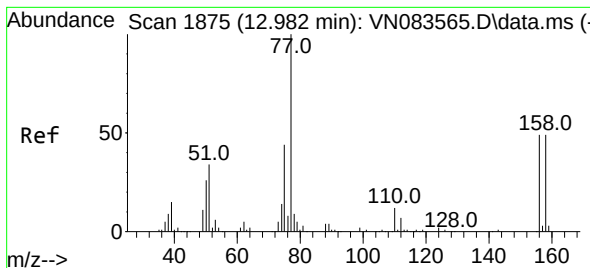
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#76
1,2,3-Trichloropropane
Concen: 53.046 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion: 75 Resp: 111297
Ion Ratio Lower Upper
75 100
77 208.1 95.2 285.6





#77

Bromobenzene

Concen: 51.974 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 102562

Ion Ratio Lower Upper

156 100

77 225.8 114.3 343.1

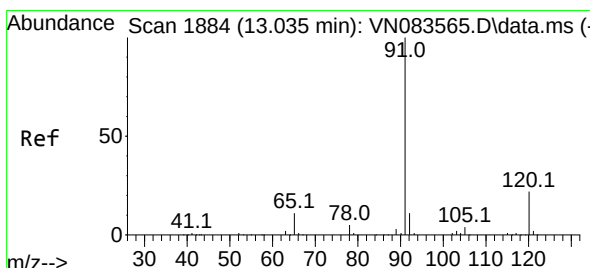
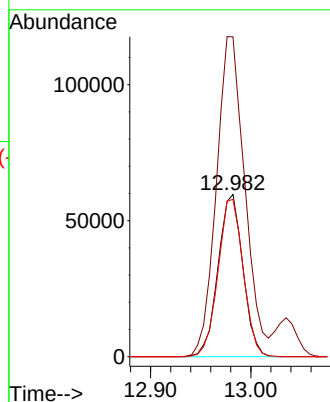
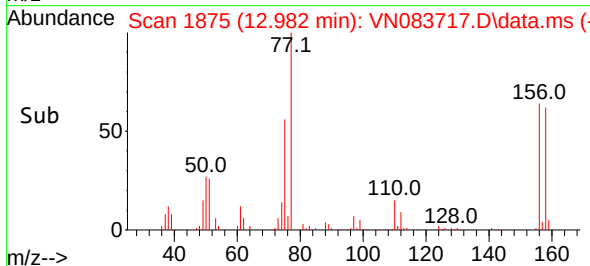
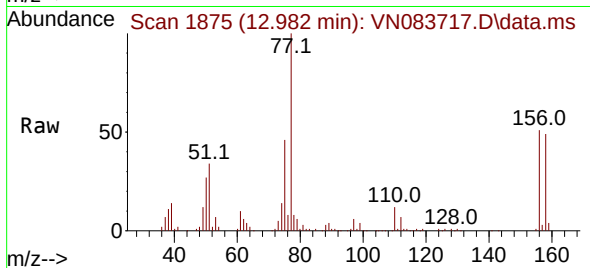
158 98.0 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#78

n-propylbenzene

Concen: 55.515 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083717.D

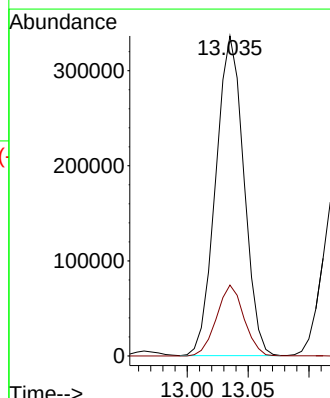
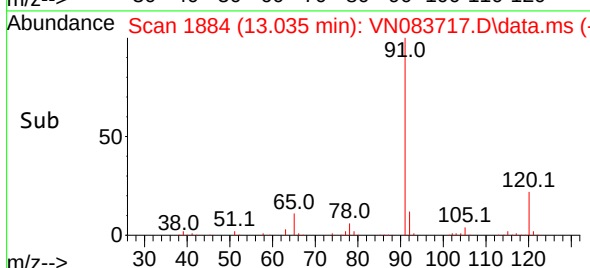
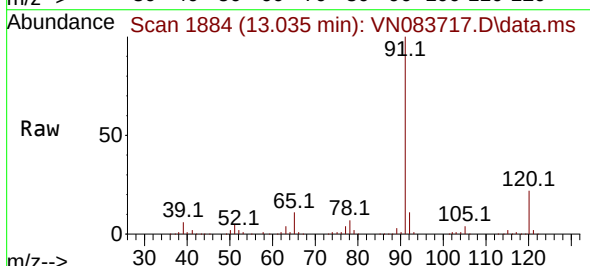
Acq: 09 Sep 2024 15:04

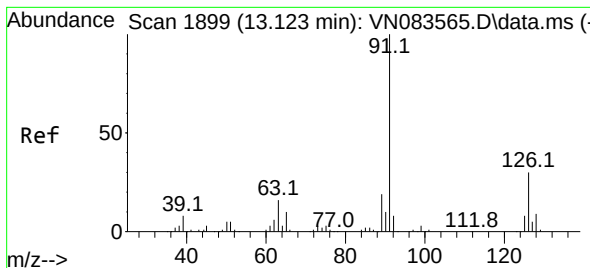
Tgt Ion: 91 Resp: 539866

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0





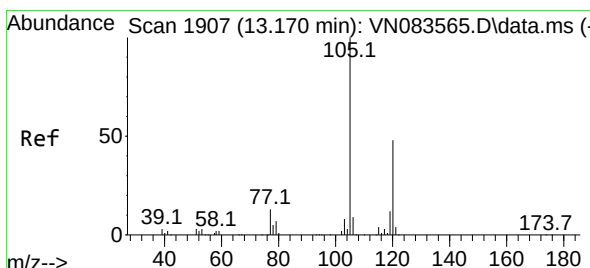
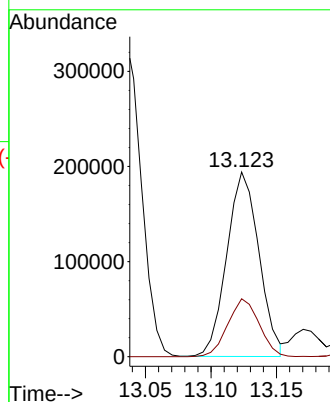
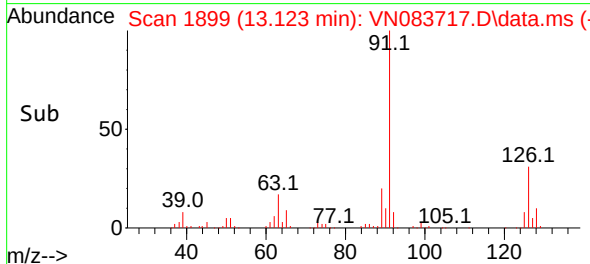
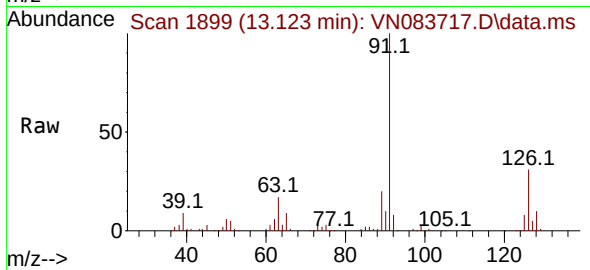
#79
2-Chlorotoluene
Concen: 52.532 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 33103
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.2

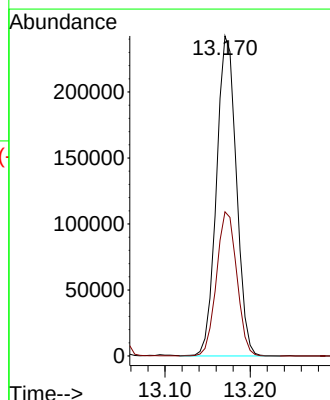
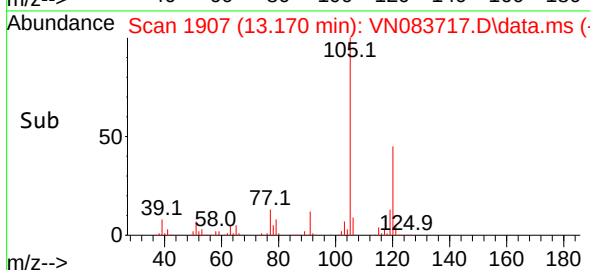
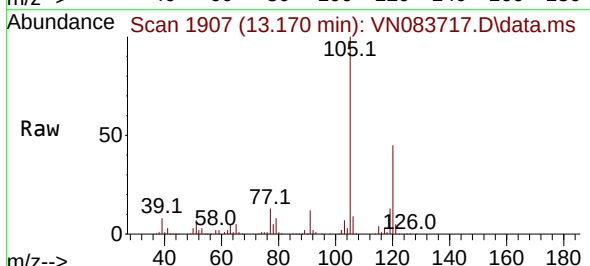
Manual Integrations
APPROVED

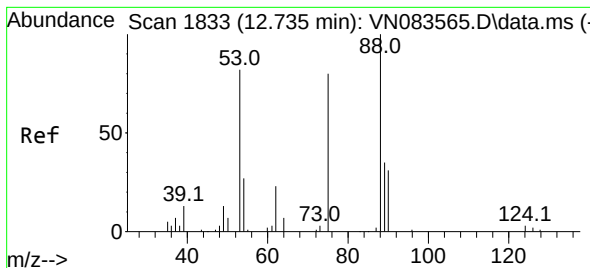
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.530 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion:105 Resp: 393467
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.3





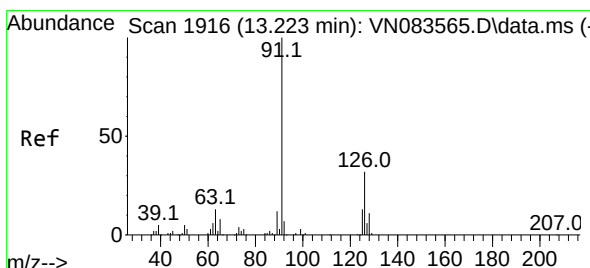
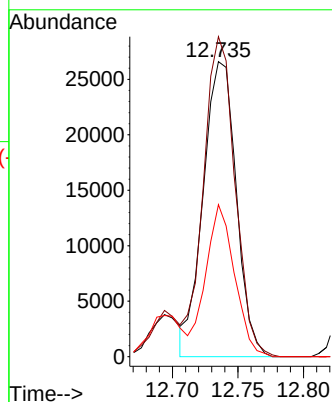
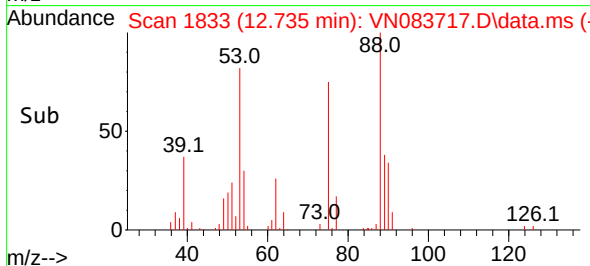
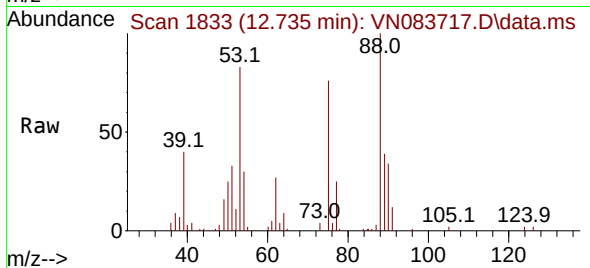
#81
trans-1,4-Dichloro-2-butene
Concen: 52.501 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 4670
Ion Ratio Lower Upper
75 100
53 103.9 81.2 121.8
89 44.9 35.7 53.5

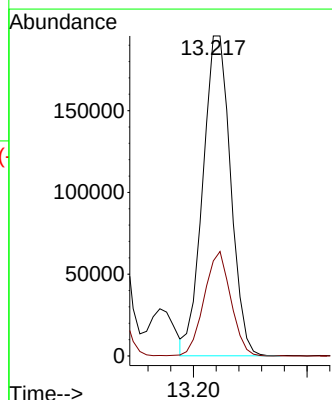
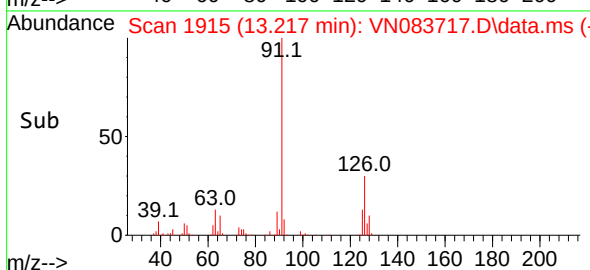
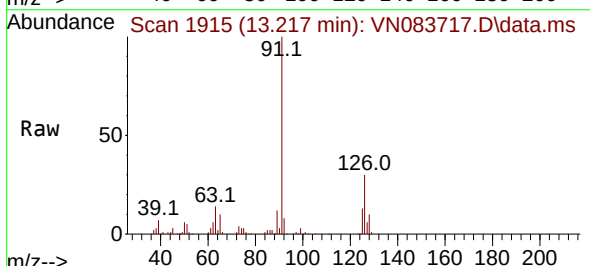
Manual Integrations
APPROVED

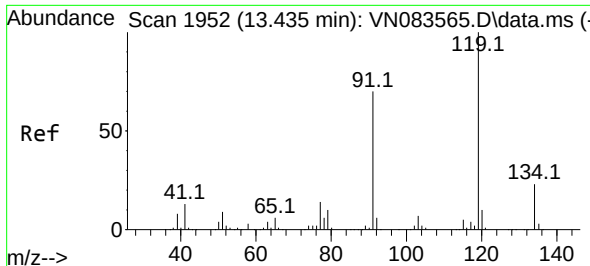
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#82
4-Chlorotoluene
Concen: 51.969 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

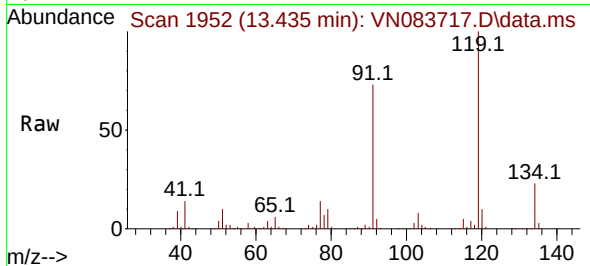
Tgt Ion: 91 Resp: 332692
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.2





#83
tert-Butylbenzene
Concen: 54.092 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

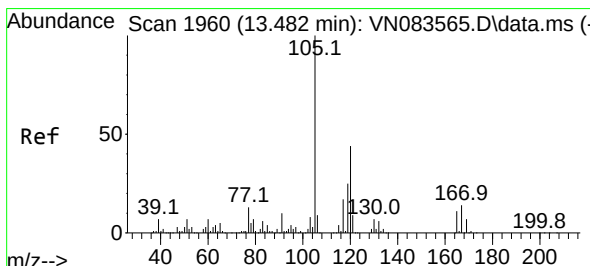
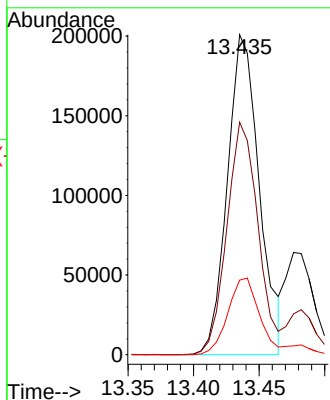
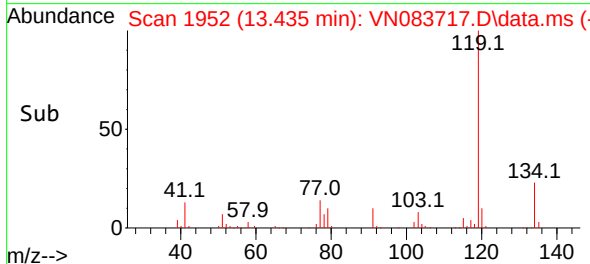
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 340758
Ion Ratio Lower Upper
119 100
91 71.0 34.5 103.6
134 24.0 12.8 38.4

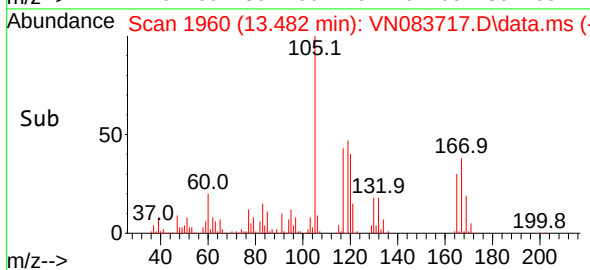
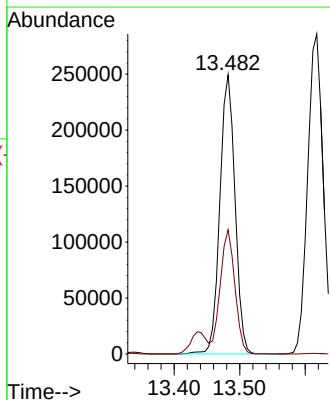
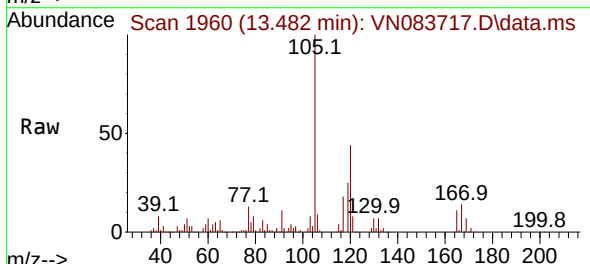
Manual Integrations
APPROVED

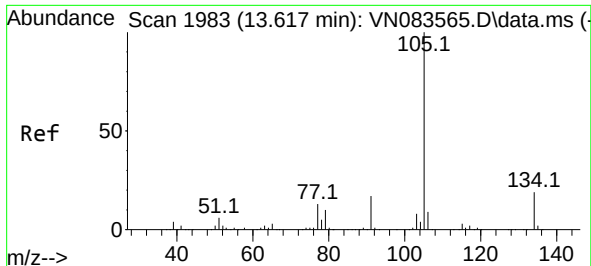
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#84
1,2,4-Trimethylbenzene
Concen: 55.908 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

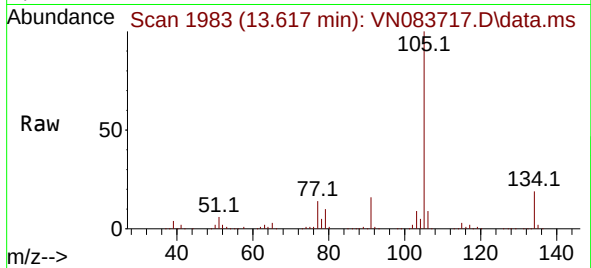
Tgt Ion:105 Resp: 398743
Ion Ratio Lower Upper
105 100
120 43.3 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 55.857 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083717.D
 Acq: 09 Sep 2024 15:04

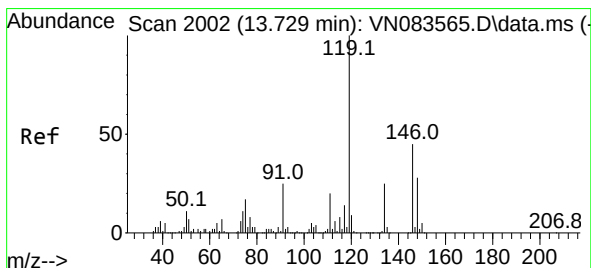
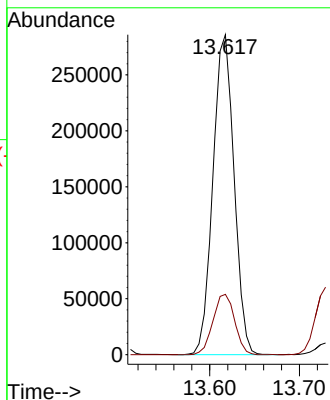
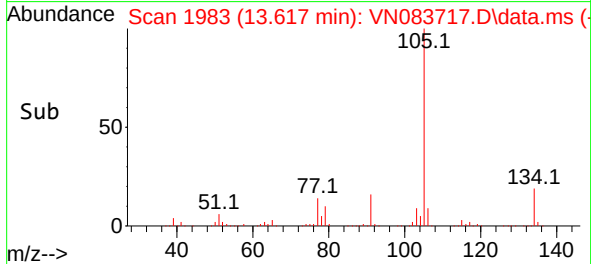
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



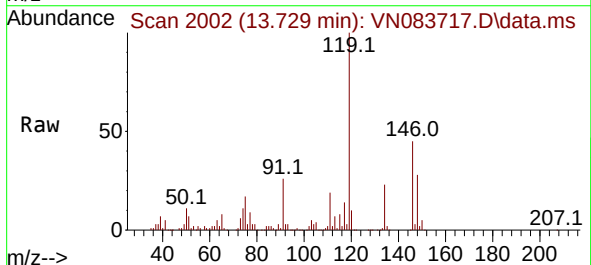
Tgt Ion:105 Resp: 46769
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1

Manual Integrations
 APPROVED

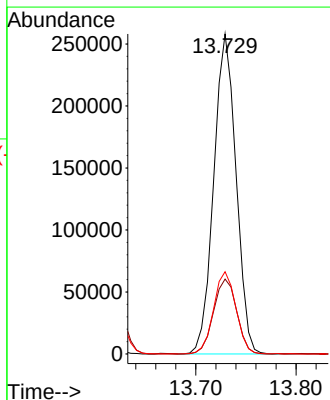
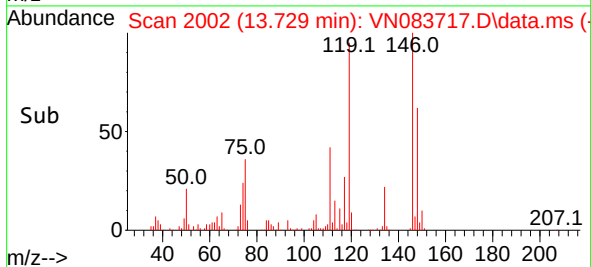
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024

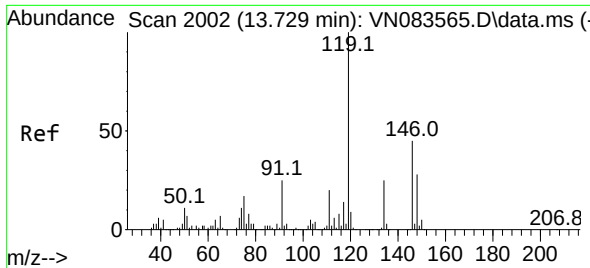


#86
 p-Isopropyltoluene
 Concen: 57.017 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083717.D
 Acq: 09 Sep 2024 15:04



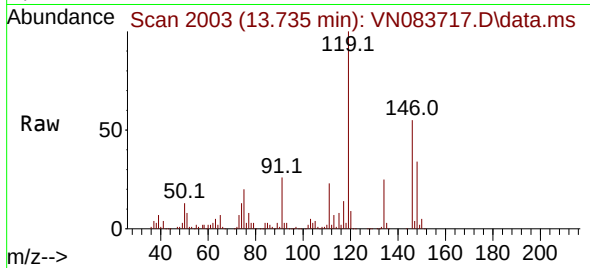
Tgt Ion:119 Resp: 398748
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.8 38.3
 91 25.7 12.9 38.7





#87
 1,3-Dichlorobenzene
 Concen: 51.116 ug/l
 RT: 13.735 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN083717.D
 Acq: 09 Sep 2024 15:04

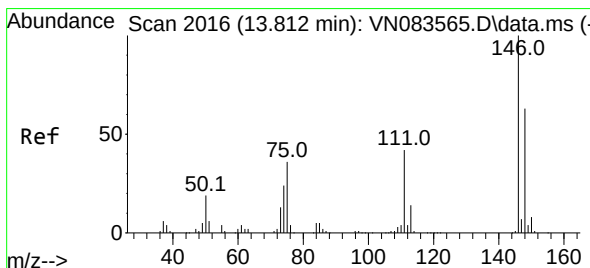
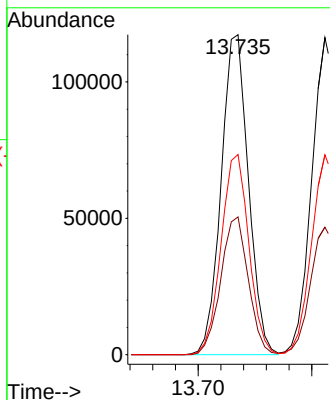
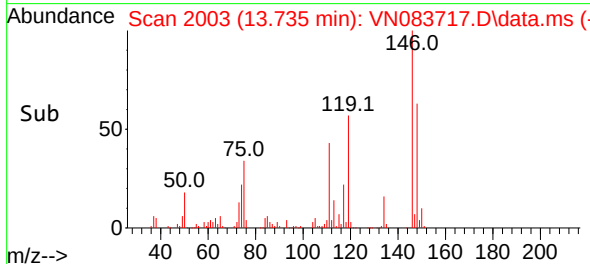
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:146 Resp: 195804
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.7 65.1
 148 63.8 31.7 95.1

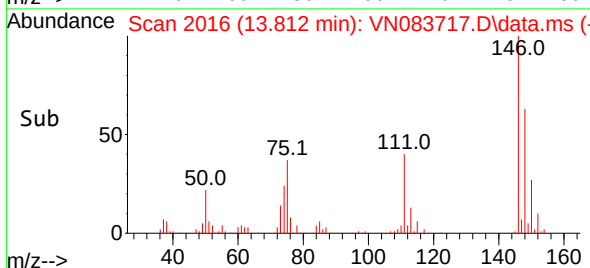
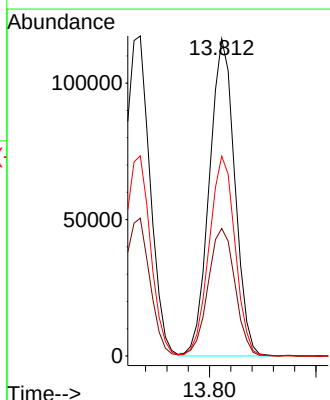
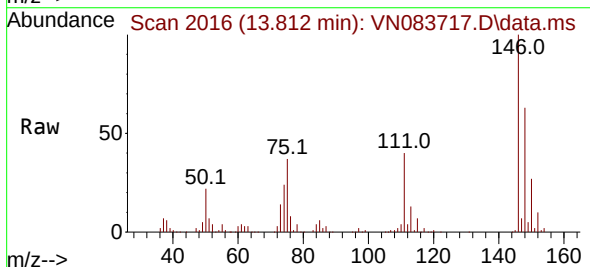
Manual Integrations
 APPROVED

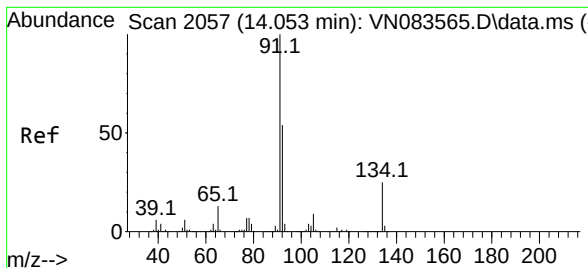
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024



#88
 1,4-Dichlorobenzene
 Concen: 49.041 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083717.D
 Acq: 09 Sep 2024 15:04

Tgt Ion:146 Resp: 193028
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 64.0
 148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 54.618 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

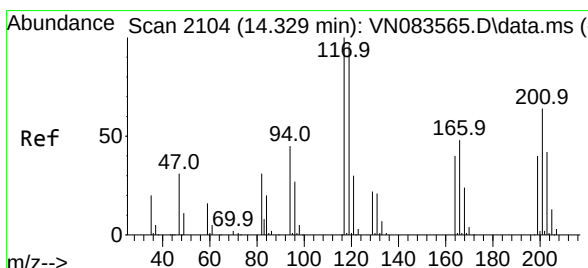
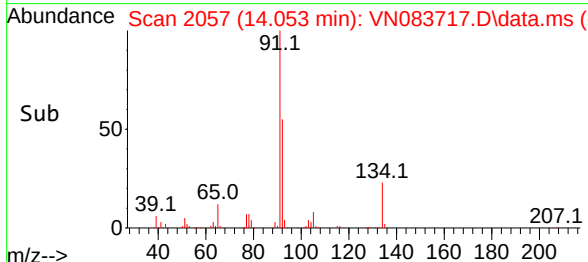
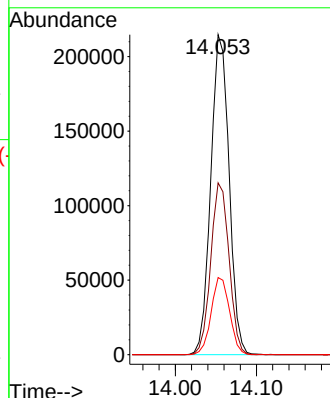
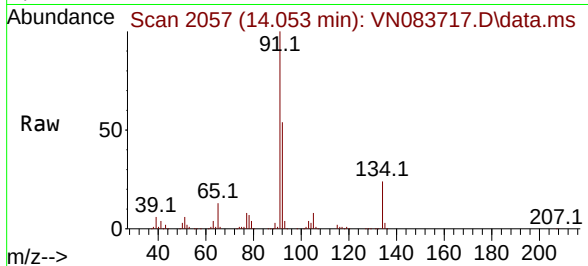
Tgt Ion:	91	Resp:	335994
Ion Ratio	Lower	Upper	
91	100		
92	53.7	26.7	80.1
134	24.2	12.2	36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#90

Hexachloroethane

Concen: 54.782 ug/l

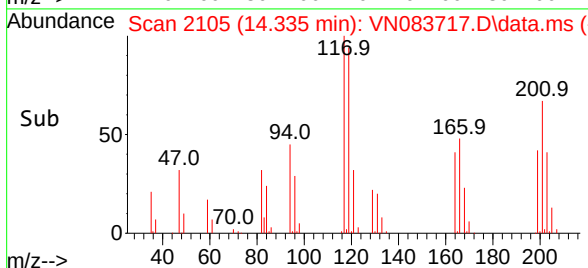
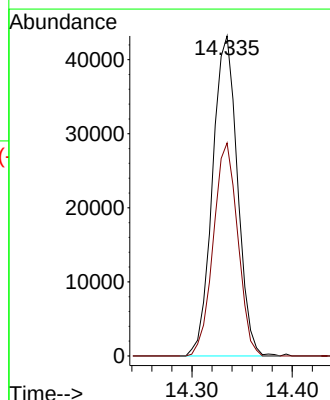
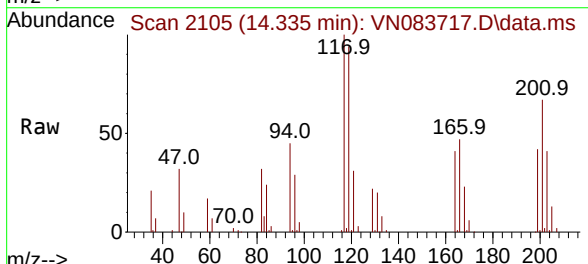
RT: 14.335 min Scan# 2105

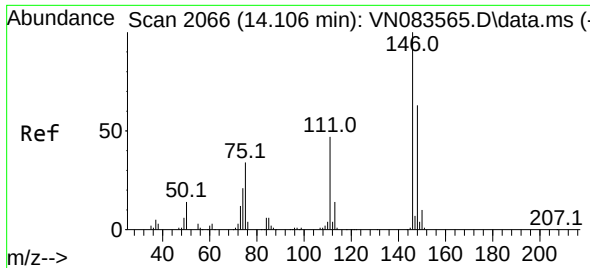
Delta R.T. 0.006 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

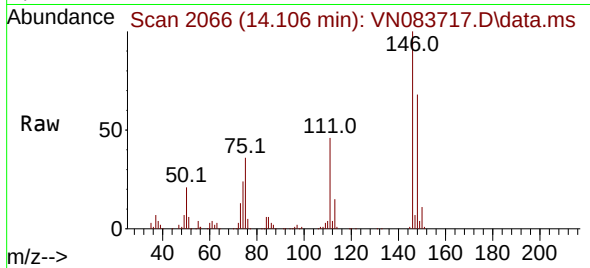
Tgt Ion:	117	Resp:	74573
Ion Ratio	Lower	Upper	
117	100		
201	65.1	32.8	98.3





#91
1,2-Dichlorobenzene
Concen: 52.195 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

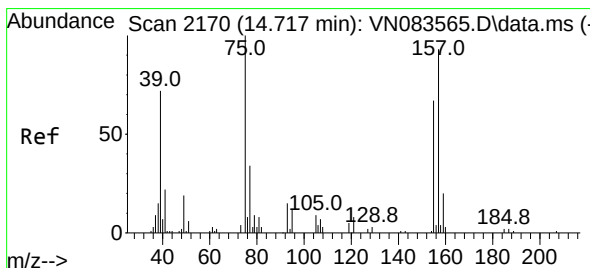
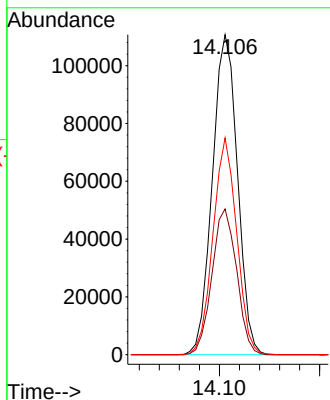
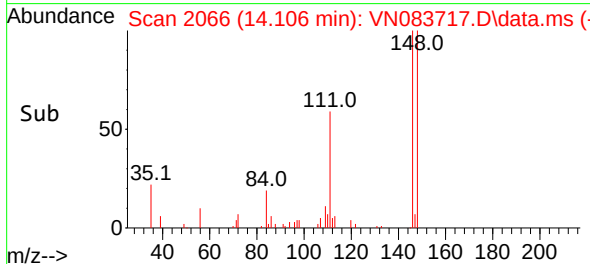
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



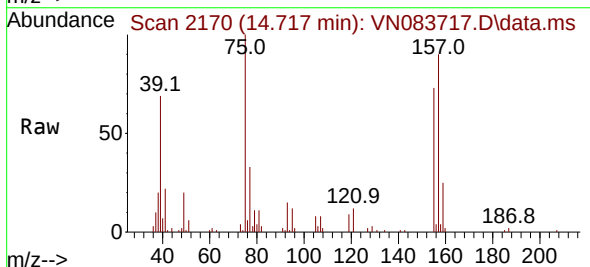
Tgt Ion:146 Resp: 19254
Ion Ratio Lower Upper
146 100
111 44.8 22.8 68.3
148 64.1 32.1 96.5

Manual Integrations
APPROVED

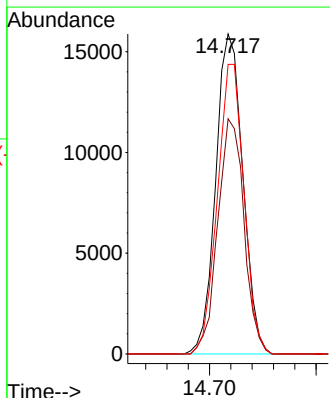
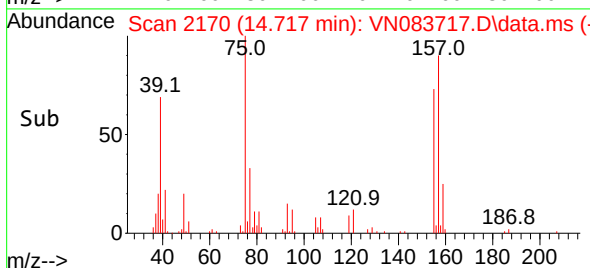
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

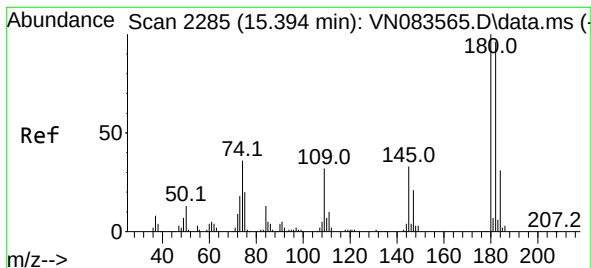


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.153 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04



Tgt Ion: 75 Resp: 28044
Ion Ratio Lower Upper
75 100
155 71.3 35.9 107.7
157 88.7 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 48.025 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 10046

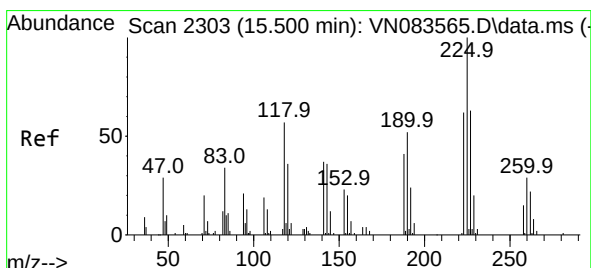
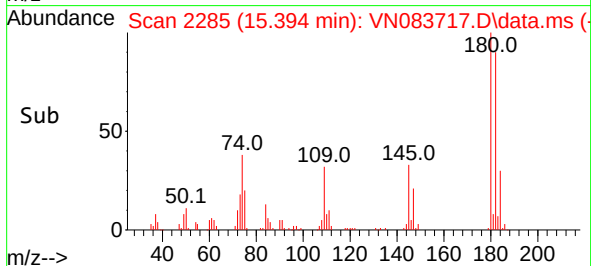
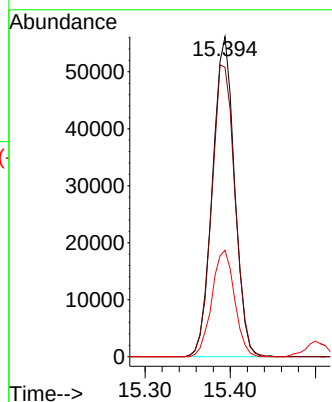
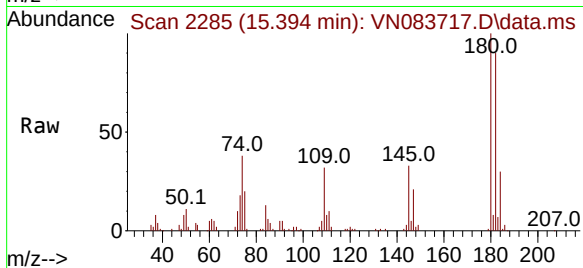
Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.3
145	34.3	16.9	50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#94

Hexachlorobutadiene

Concen: 50.486 ug/l

RT: 15.500 min Scan# 2303

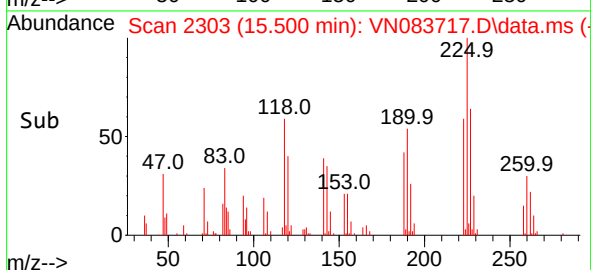
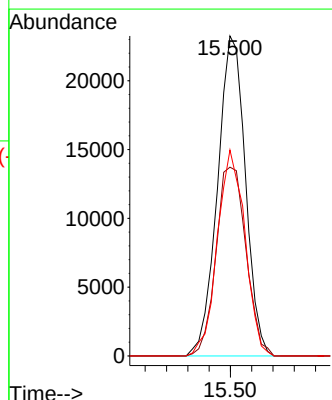
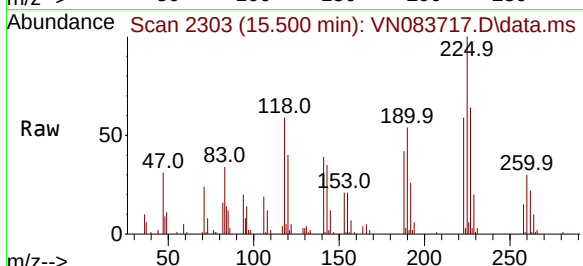
Delta R.T. -0.000 min

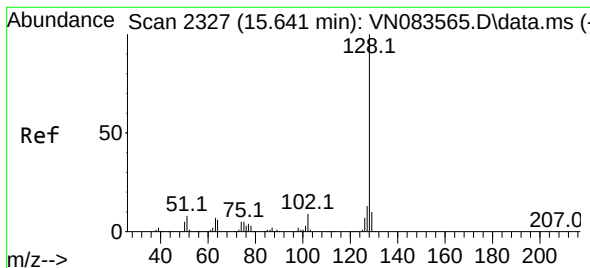
Lab File: VN083717.D

Acq: 09 Sep 2024 15:04

Tgt Ion:225 Resp: 42293

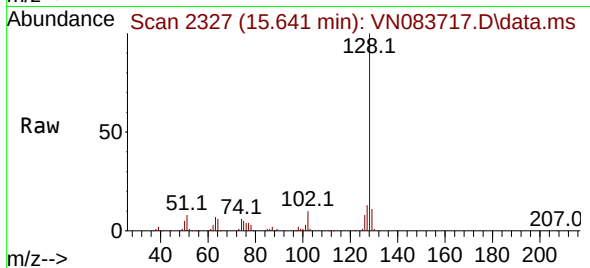
Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.5
227	63.7	32.0	96.2





#95
Naphthalene
Concen: 49.116 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

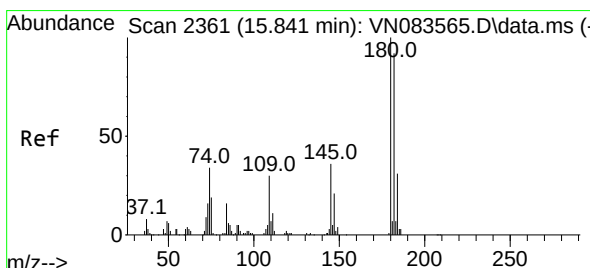
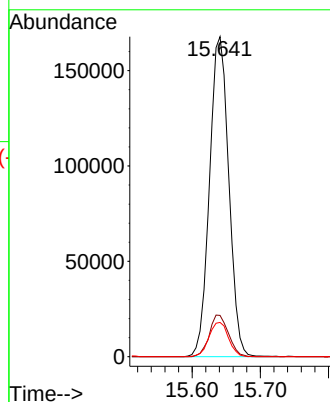
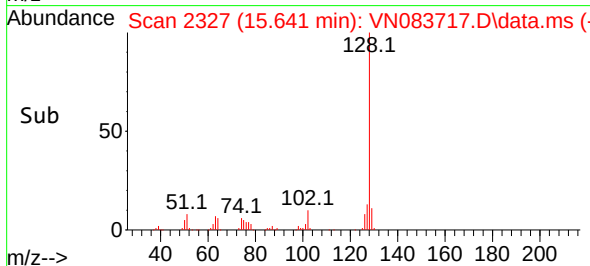
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 330100
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#96
1,2,3-Trichlorobenzene
Concen: 46.953 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083717.D
Acq: 09 Sep 2024 15:04

Tgt Ion:180 Resp: 98117
Ion Ratio Lower Upper
180 100
182 92.4 47.1 141.4
145 35.3 17.8 53.5

