

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083587.D
 Acq On : 30 Aug 2024 19:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 02:44:55 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	181035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142377	56.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.540%			
35) Dibromofluoromethane	8.165	113	103584	53.750	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.500%			
50) Toluene-d8	10.565	98	389543	51.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.847	95	154124	55.439	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92251	48.148	ug/l	98
3) Chloromethane	2.359	50	100737	45.135	ug/l	98
4) Vinyl Chloride	2.512	62	104985	47.000	ug/l	99
5) Bromomethane	2.901	94	54017	46.002	ug/l	92
6) Chloroethane	3.071	64	66546	45.591	ug/l	96
7) Trichlorofluoromethane	3.465	101	173376	47.133	ug/l	96
8) Diethyl Ether	3.959	74	61735	46.947	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	92604	46.420	ug/l	98
10) Methyl Iodide	4.577	142	125854	46.638	ug/l	94
11) Tert butyl alcohol	5.536	59	88294	223.816	ug/l	99
12) 1,1-Dichloroethene	4.324	96	92726	46.754	ug/l	97
13) Acrolein	4.177	56	89238	239.102	ug/l	99
14) Allyl chloride	5.012	41	163791	46.320	ug/l	99
15) Acrylonitrile	5.718	53	236515	243.108	ug/l	99
16) Acetone	4.430	43	198943	197.174	ug/l	99
17) Carbon Disulfide	4.700	76	246505	42.652	ug/l	100
18) Methyl Acetate	5.024	43	115015	42.863	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	337532	47.979	ug/l	100
20) Methylene Chloride	5.271	84	103401	46.408	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	94901	45.938	ug/l	96
22) Diisopropyl ether	6.671	45	335479	48.115	ug/l	100
23) Vinyl Acetate	6.600	43	1278782	247.484	ug/l	100
24) 1,1-Dichloroethane	6.565	63	189403	47.634	ug/l	98
25) 2-Butanone	7.483	43	308723	224.731	ug/l	98
26) 2,2-Dichloropropane	7.489	77	143588	38.787	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	117045	47.480	ug/l	97
28) Bromochloromethane	7.812	49	84109	45.299	ug/l	99
29) Tetrahydrofuran	7.836	42	206706	242.584	ug/l	99
30) Chloroform	7.965	83	200441	47.847	ug/l	99
31) Cyclohexane	8.253	56	172353	44.037	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	186152	49.142	ug/l	98
36) 1,1-Dichloropropene	8.371	75	139178	47.347	ug/l	99
37) Ethyl Acetate	7.559	43	135843	46.435	ug/l	99
38) Carbon Tetrachloride	8.359	117	162991	48.598	ug/l	96
39) Methylcyclohexane	9.600	83	168127	47.664	ug/l	98
40) Benzene	8.606	78	426719	47.190	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	78058	46.757	ug/l	98
42) 1,2-Dichloroethane	8.665	62	159532	47.594	ug/l	100
43) Isopropyl Acetate	8.688	43	254104	43.121	ug/l	99
44) Trichloroethene	9.347	130	97899	45.006	ug/l	97
45) 1,2-Dichloropropane	9.618	63	101456	48.164	ug/l	98
46) Dibromomethane	9.706	93	73105	47.042	ug/l	99
47) Bromodichloromethane	9.888	83	161005	48.670	ug/l	99
48) Methyl methacrylate	9.677	41	116314	48.474	ug/l	98
49) 1,4-Dioxane	9.700	88	36756	934.844	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	660642	242.902	ug/l	98
52) Toluene	10.630	92	269706	47.690	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	158940	46.411	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	167529	46.606	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	97172	48.140	ug/l	98
56) Ethyl methacrylate	10.877	69	167500	50.160	ug/l	99
57) 1,3-Dichloropropane	11.165	76	169766	47.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	348703	240.323	ug/l	99
59) 2-Hexanone	11.194	43	487302	238.741	ug/l	99
60) Dibromochloromethane	11.359	129	111882	47.835	ug/l	100
61) 1,2-Dibromoethane	11.471	107	99666	48.329	ug/l	97
64) Tetrachloroethene	11.100	164	84583	45.393	ug/l	98
65) Chlorobenzene	11.894	112	278708	43.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	100238	46.699	ug/l	99
67) Ethyl Benzene	11.965	91	517963	45.642	ug/l	99
68) m/p-Xylenes	12.071	106	384844	90.019	ug/l	100
69) o-Xylene	12.400	106	187036	45.265	ug/l	99
70) Styrene	12.412	104	316715	45.587	ug/l	99
71) Bromoform	12.576	173	73299	47.942	ug/l #	99
73) Isopropylbenzene	12.694	105	497130	41.872	ug/l	100
74) N-amyl acetate	12.494	43	216250	41.964	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	140240	41.608	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	121294m	40.955	ug/l	
77) Bromobenzene	12.982	156	111332	39.969	ug/l	99
78) n-propylbenzene	13.035	91	566745	41.287	ug/l	100
79) 2-Chlorotoluene	13.123	91	360587	40.538	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	413685	41.361	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	48080	38.290	ug/l	98
82) 4-Chlorotoluene	13.223	91	354318	39.210	ug/l	99
83) tert-Butylbenzene	13.435	119	369400	41.542	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	421359	41.854	ug/l	100
85) sec-Butylbenzene	13.618	105	491321	41.570	ug/l	99
86) p-Isopropyltoluene	13.729	119	412395	41.776	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	206542	38.198	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	206622	37.190	ug/l	100
89) n-Butylbenzene	14.053	91	344913	39.721	ug/l	99
90) Hexachloroethane	14.335	117	80598	41.945	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	207253	39.802	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30279	41.422	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	105729	35.807	ug/l	99
94) Hexachlorobutadiene	15.500	225	43267	36.590	ug/l	100
95) Naphthalene	15.641	128	354243	37.340	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	105131	35.642	ug/l	100

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ClientSampleId :
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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

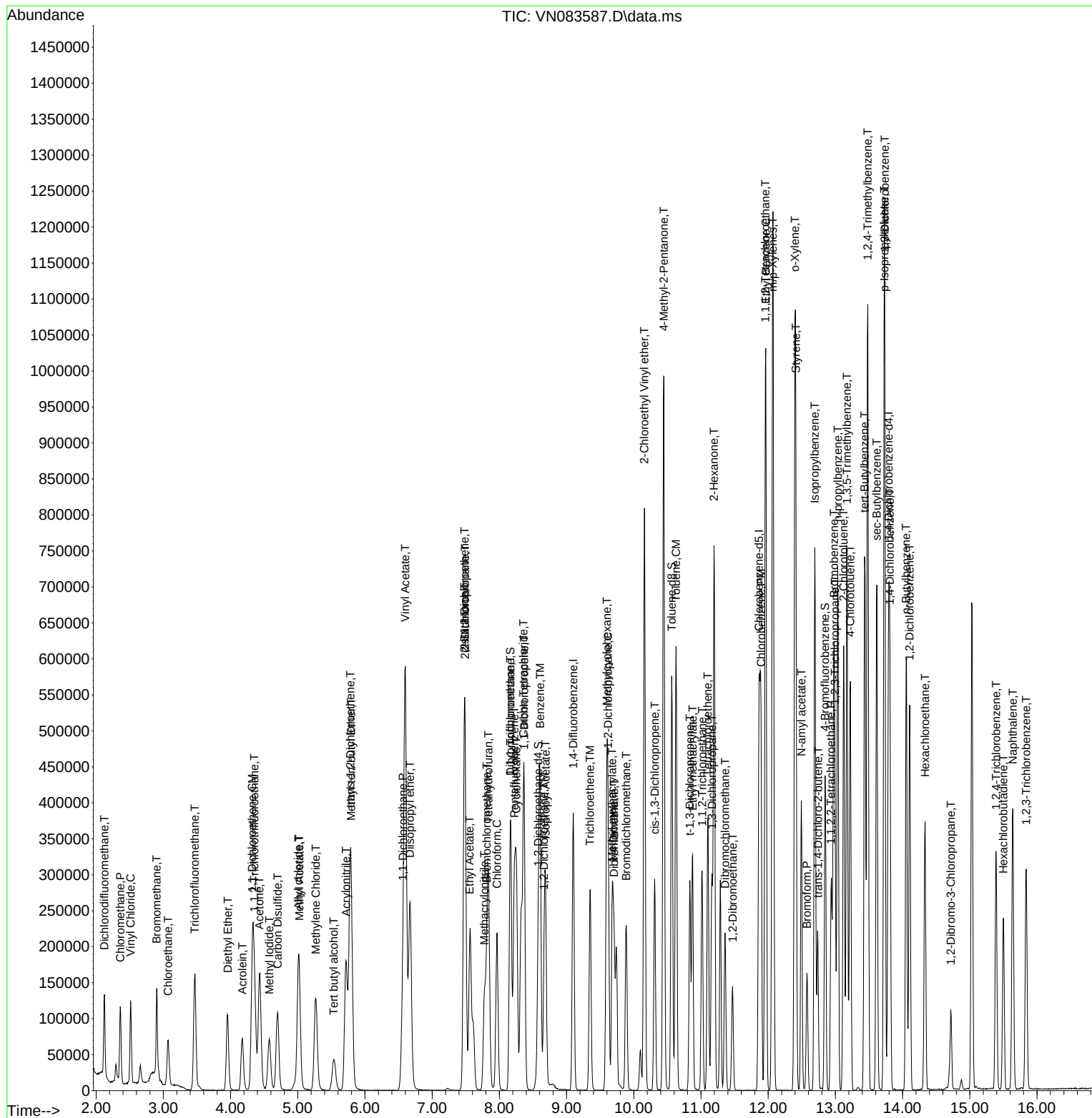
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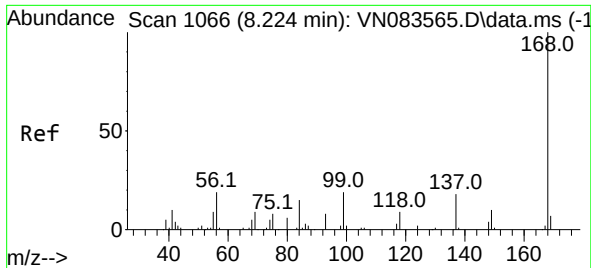
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

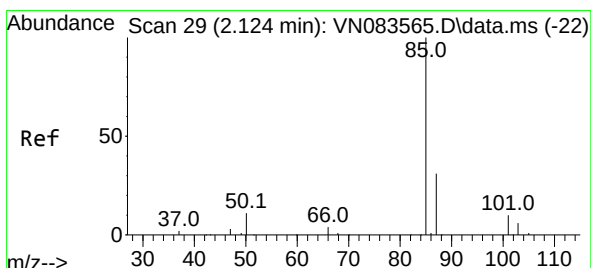
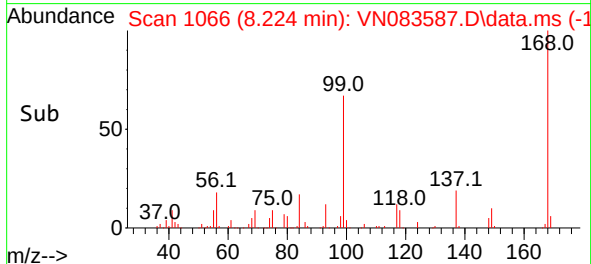
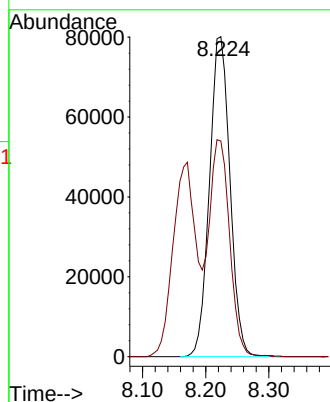
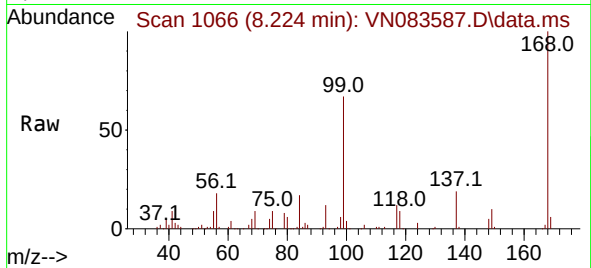
VSTDCCC050EC

Tgt Ion:168 Resp: 181035
Ion Ratio Lower Upper
168 100
99 67.2 54.2 81.2

Manual Integrations

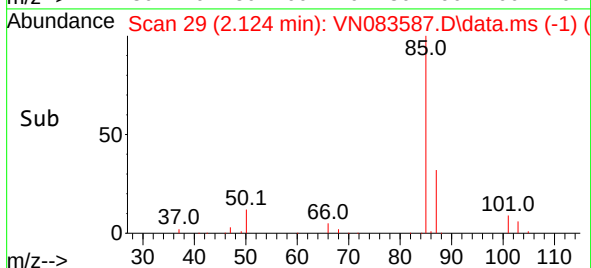
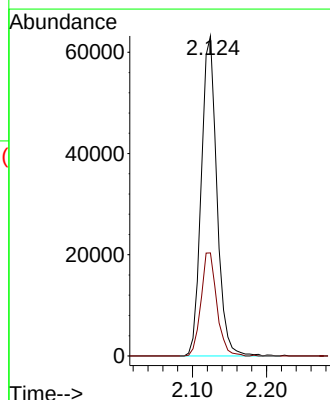
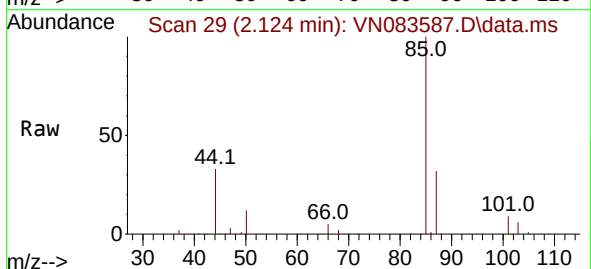
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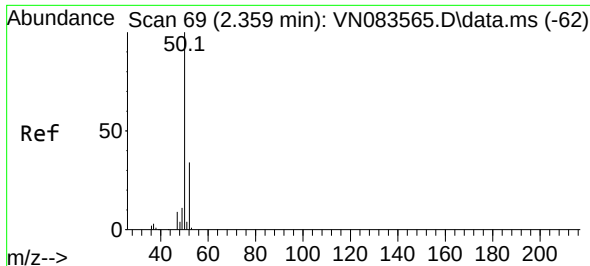
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#2
Dichlorodifluoromethane
Concen: 48.148 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

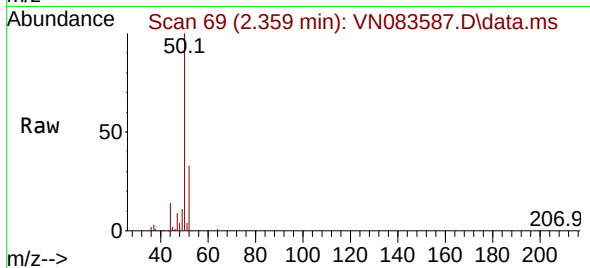
Tgt Ion: 85 Resp: 92251
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0





#3
Chloromethane
Concen: 45.135 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083587.D
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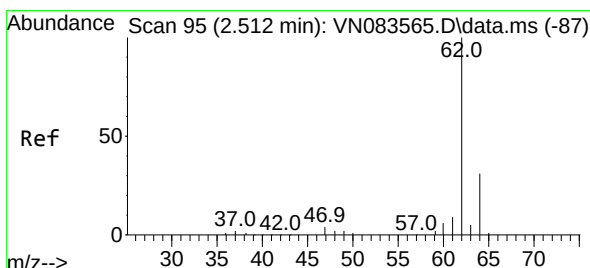
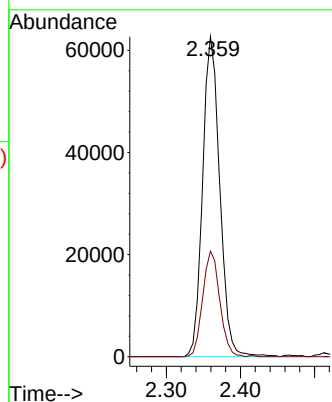
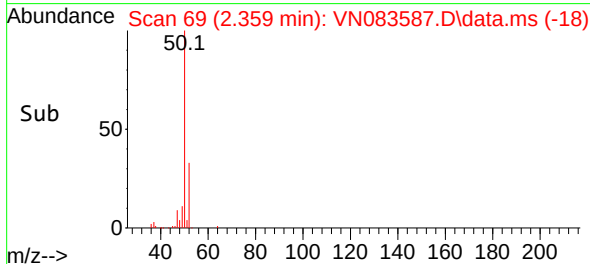
Instrument :
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Tgt Ion: 50 Resp: 10073
Ion Ratio Lower Upper
50 100
52 33.0 27.2 40.8

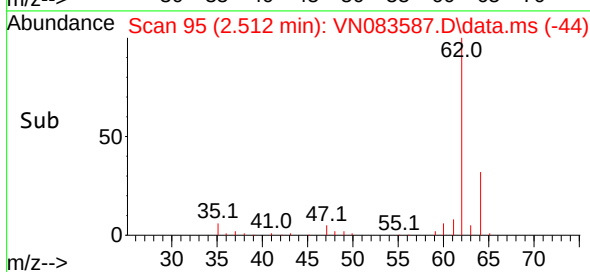
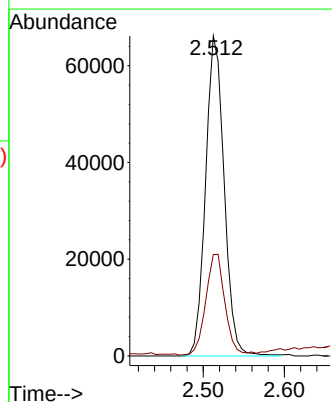
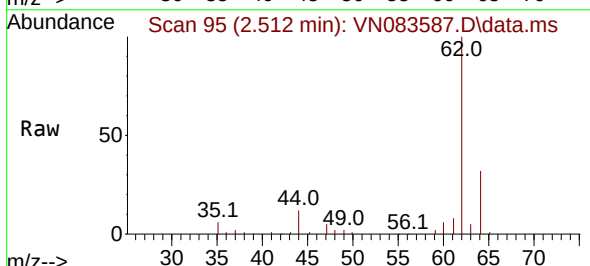
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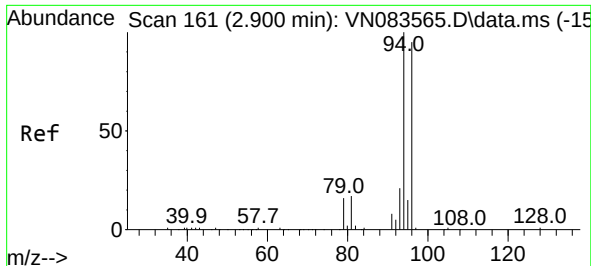
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#4
Vinyl Chloride
Concen: 47.000 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Tgt Ion: 62 Resp: 104985
Ion Ratio Lower Upper
62 100
64 31.5 24.7 37.1





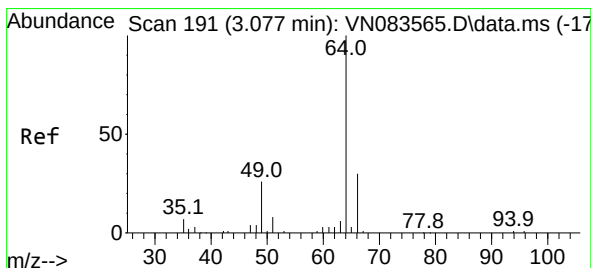
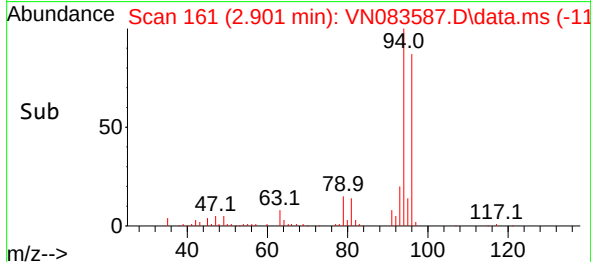
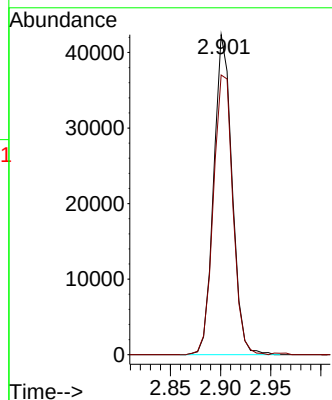
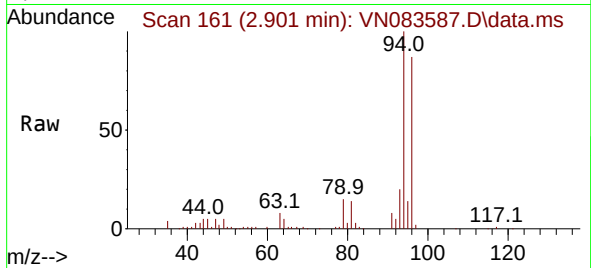
#5
Bromomethane
Concen: 46.002 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 5401
Ion Ratio Lower Upper
94 100
96 87.4 76.0 114.0

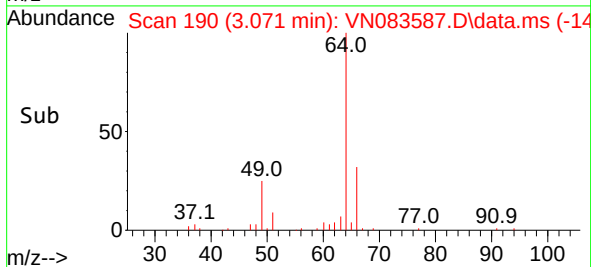
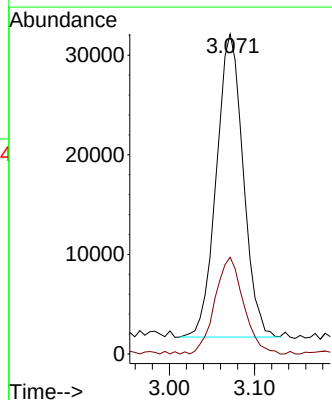
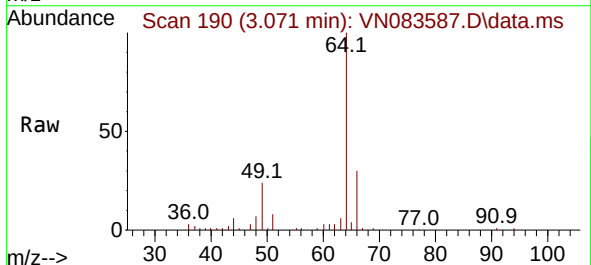
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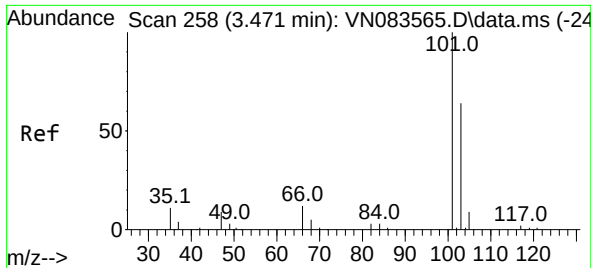
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#6
Chloroethane
Concen: 45.591 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.006 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

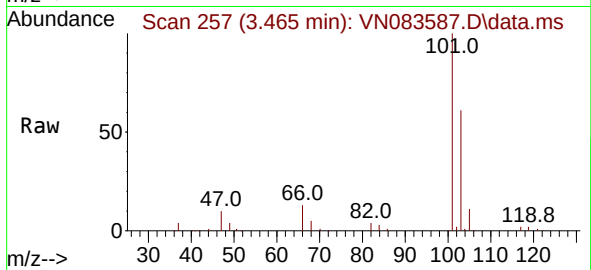
Tgt Ion: 64 Resp: 66546
Ion Ratio Lower Upper
64 100
66 31.9 23.9 35.9





#7
Trichlorofluoromethane
Concen: 47.133 ug/l
RT: 3.465 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

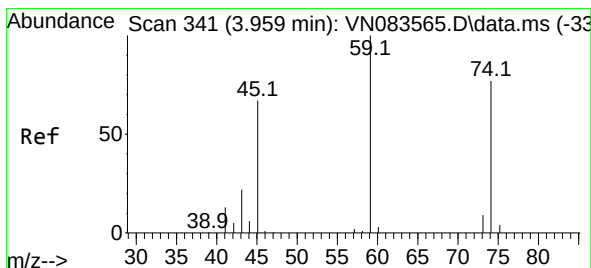
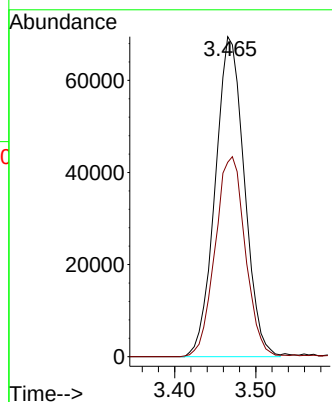
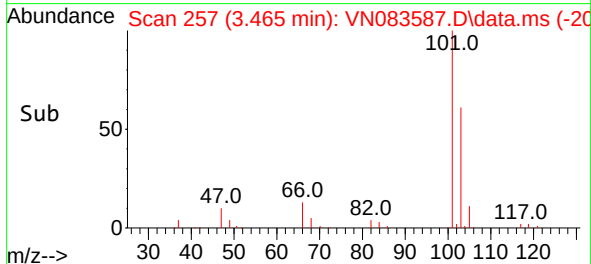
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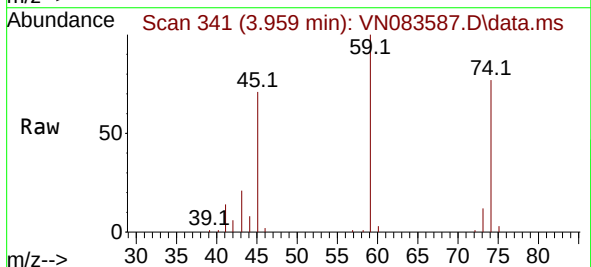
Tgt Ion:101 Resp: 173370
Ion Ratio Lower Upper
101 100
103 60.8 51.4 77.0

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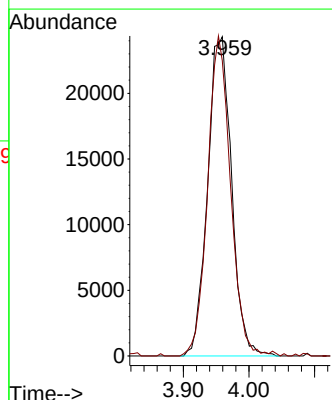
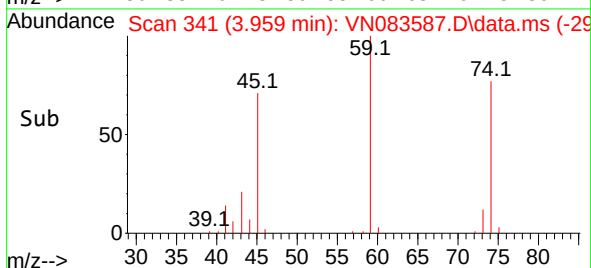
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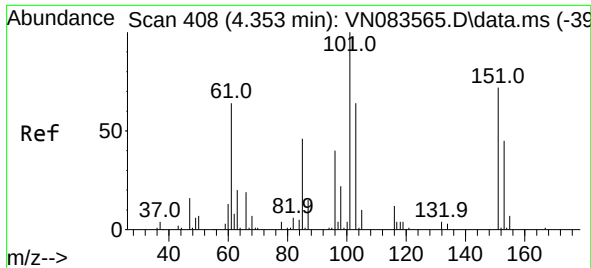


#8
Diethyl Ether
Concen: 46.947 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 61735
Ion Ratio Lower Upper
74 100
45 96.0 46.7 140.1





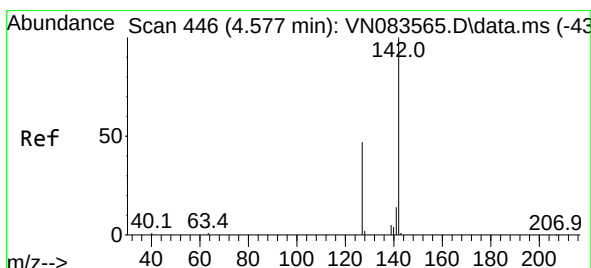
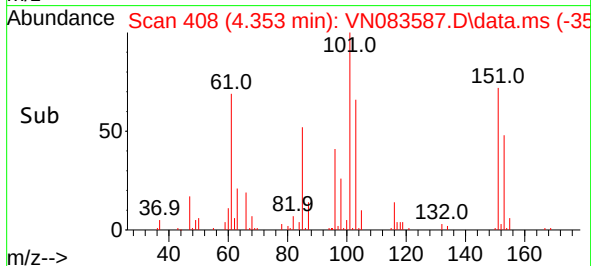
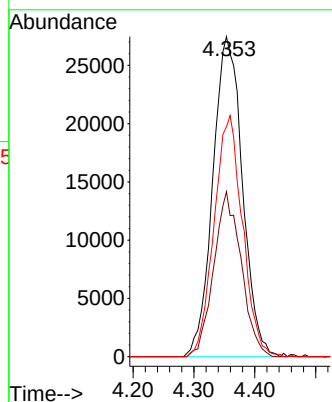
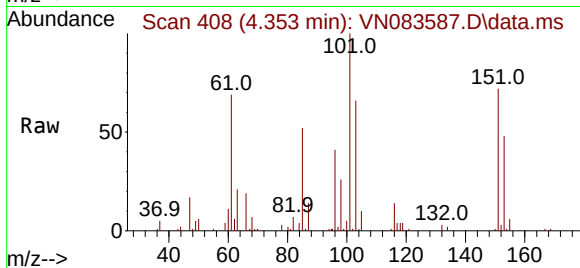
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.420 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 92604
Ion Ratio Lower Upper
101 100
85 47.9 36.2 54.4
151 72.4 57.7 86.5

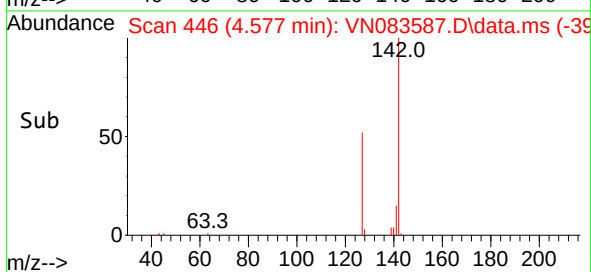
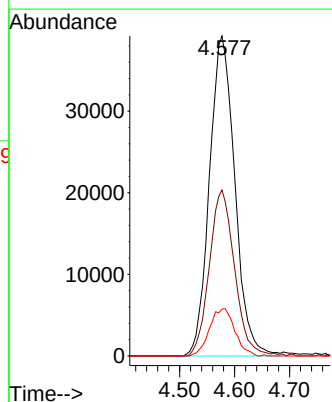
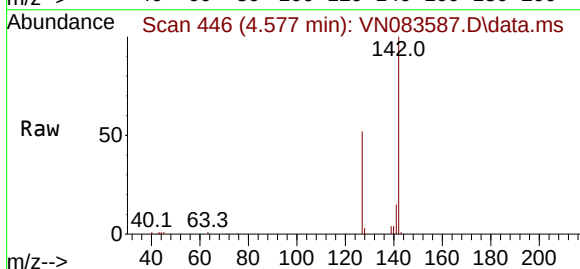
Manual Integrations
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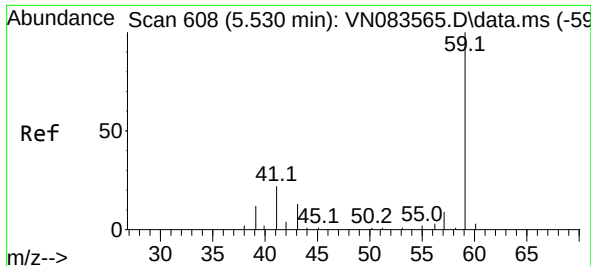
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#10
Methyl Iodide
Concen: 46.638 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Tgt Ion:142 Resp: 125854
Ion Ratio Lower Upper
142 100
127 51.9 37.5 56.3
141 14.6 11.0 16.4





#11

Tert butyl alcohol

Concen: 223.816 ug/l

RT: 5.536 min Scan# 608

Delta R.T. 0.006 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 88294

Ion Ratio Lower Upper

59 100

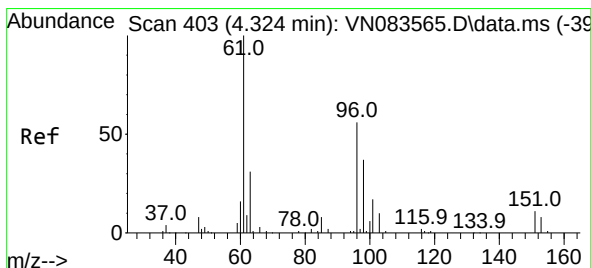
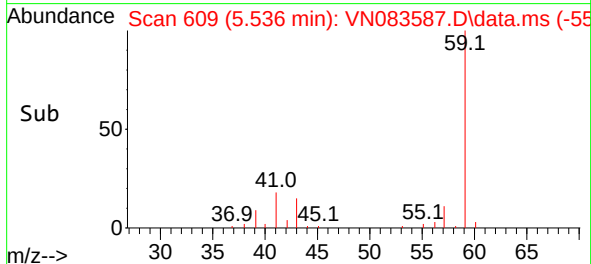
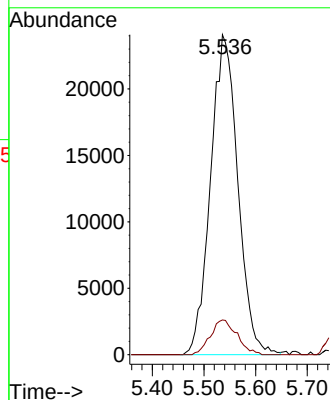
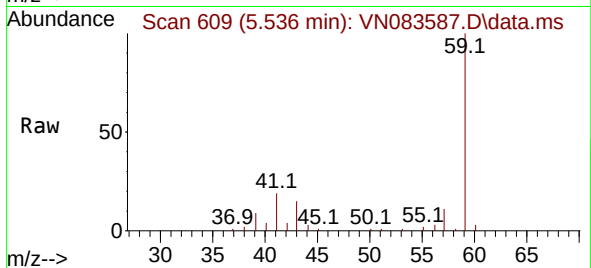
57 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#12

1,1-Dichloroethene

Concen: 46.754 ug/l

RT: 4.324 min Scan# 403

Delta R.T. 0.000 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

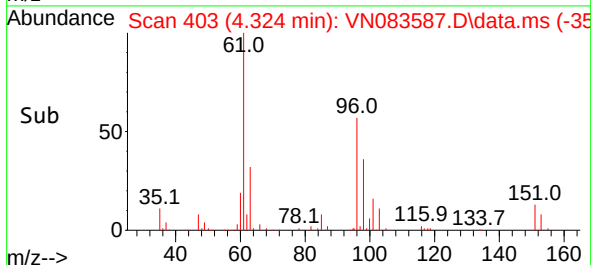
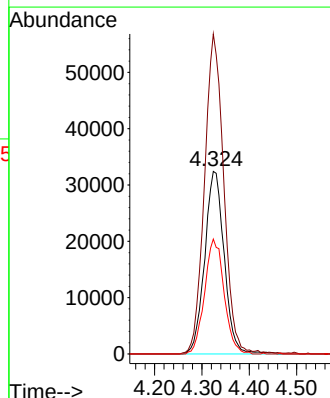
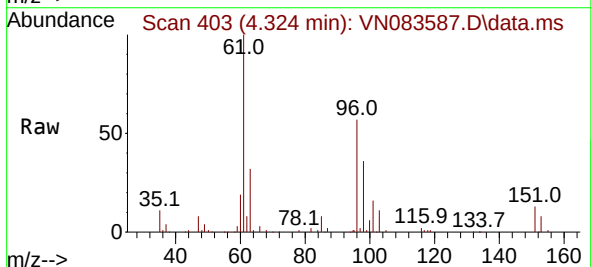
Tgt Ion: 96 Resp: 92726

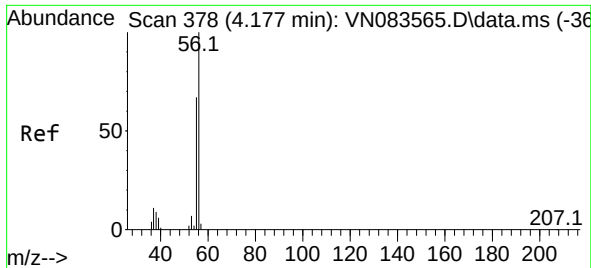
Ion Ratio Lower Upper

96 100

61 175.3 143.4 215.0

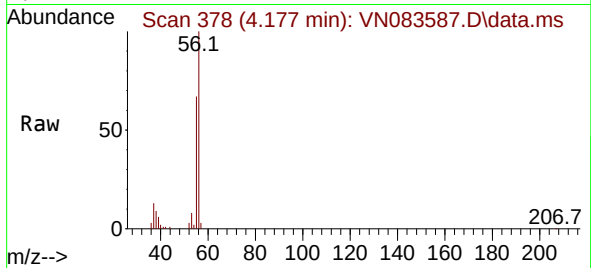
98 62.9 52.7 79.1





#13
Acrolein
Concen: 239.102 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

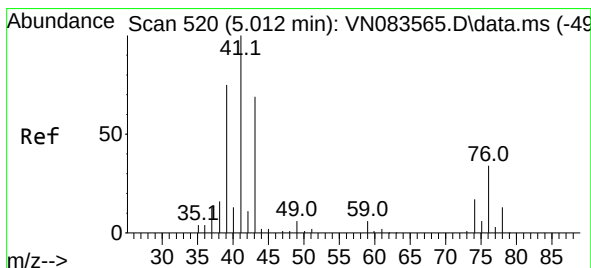
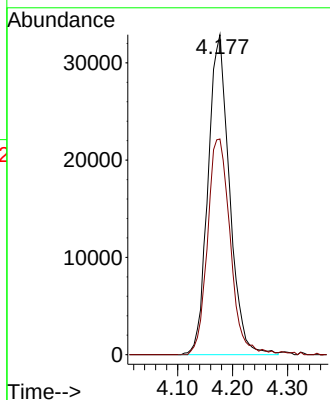
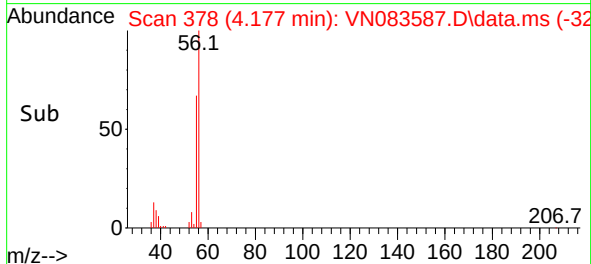
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



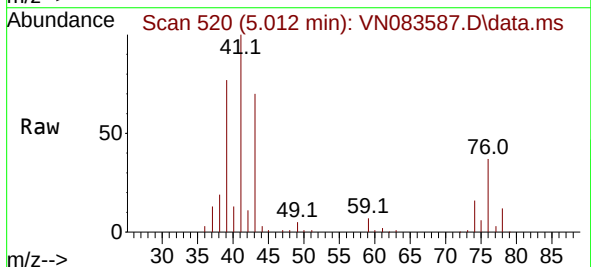
Tgt Ion: 56 Resp: 89238
Ion Ratio Lower Upper
56 100
55 71.4 58.2 87.2

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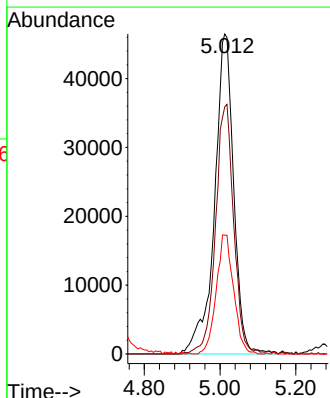
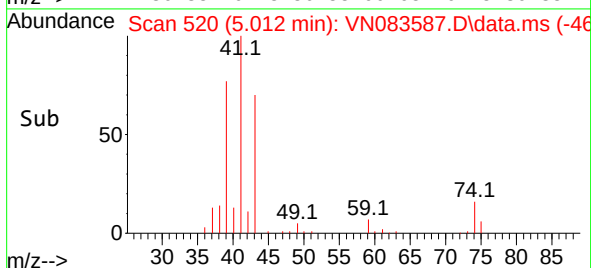
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

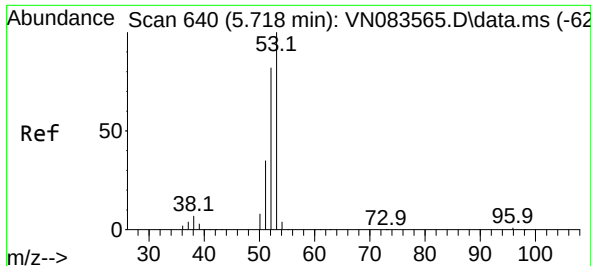


#14
Allyl chloride
Concen: 46.320 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



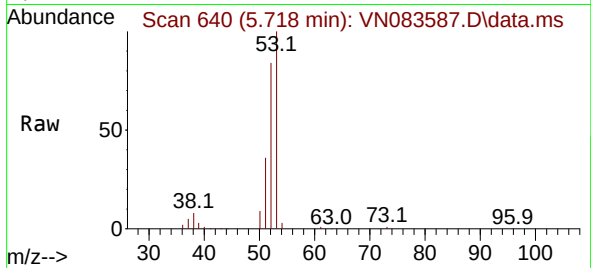
Tgt Ion: 41 Resp: 163791
Ion Ratio Lower Upper
41 100
39 73.8 59.3 88.9
76 33.7 27.7 41.5





#15
Acrylonitrile
Concen: 243.108 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

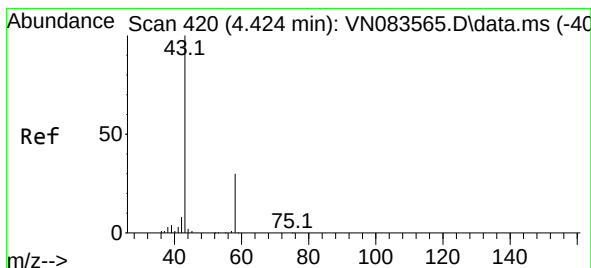
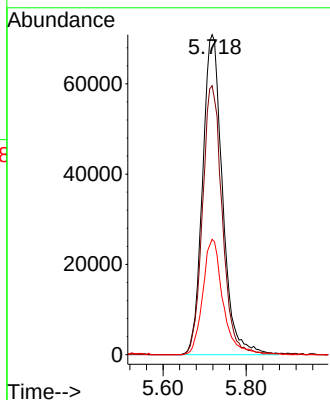
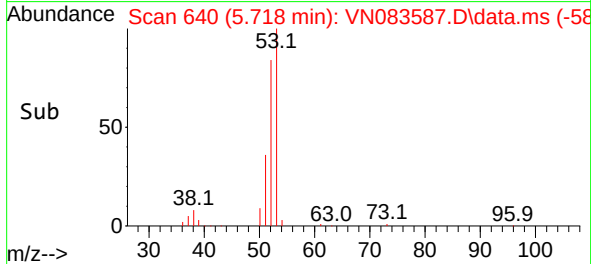
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 236515
Ion Ratio Lower Upper
53 100
52 83.1 66.1 99.1
51 36.4 29.6 44.4

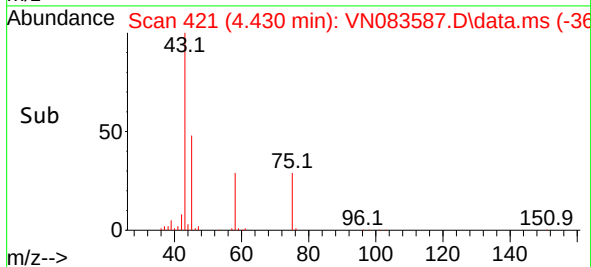
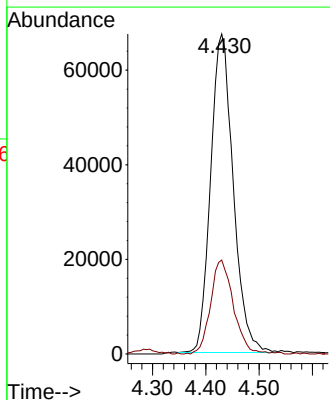
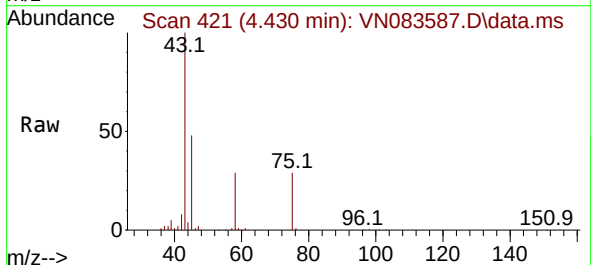
Manual Integrations
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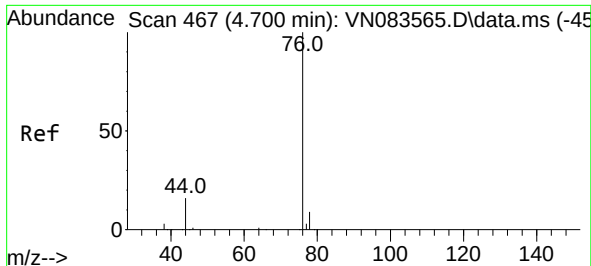
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#16
Acetone
Concen: 197.174 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

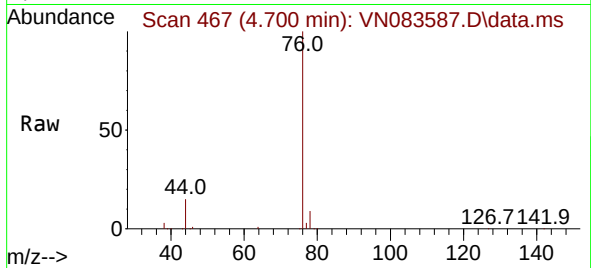
Tgt Ion: 43 Resp: 198943
Ion Ratio Lower Upper
43 100
58 29.2 23.7 35.5





#17
Carbon Disulfide
Concen: 42.652 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

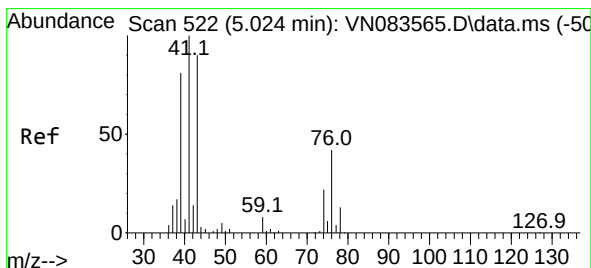
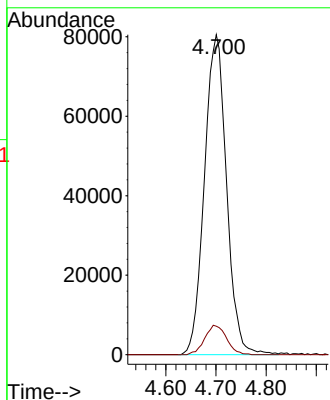
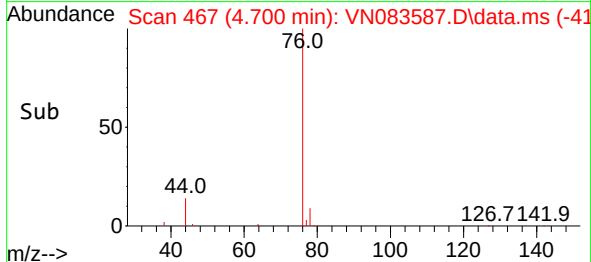
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 24650
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

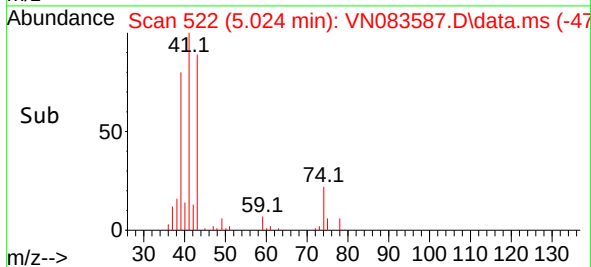
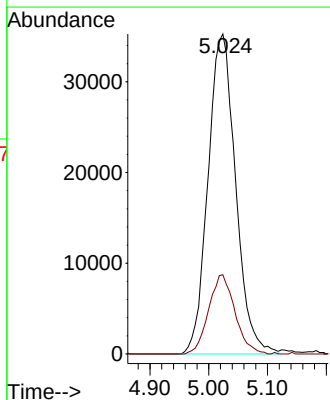
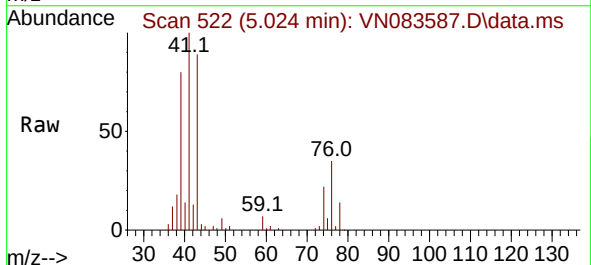
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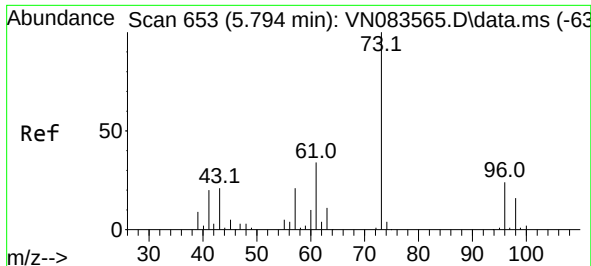
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#18
Methyl Acetate
Concen: 42.863 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Tgt Ion: 43 Resp: 115015
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.4





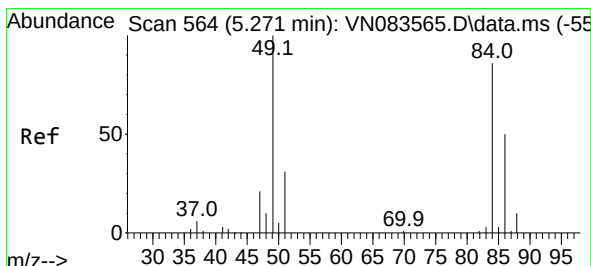
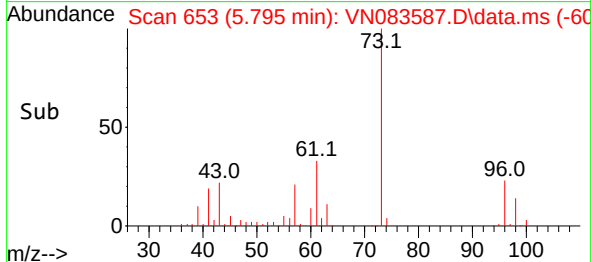
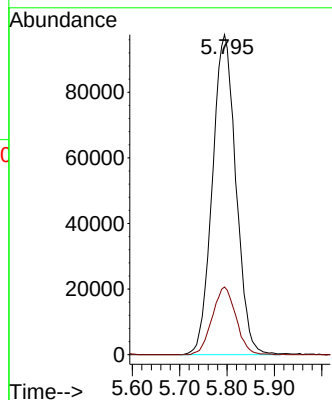
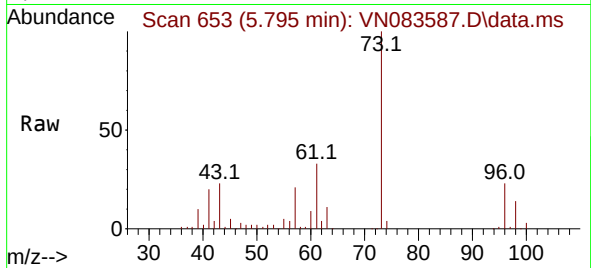
#19
Methyl tert-butyl Ether
Concen: 47.979 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 33753
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.6

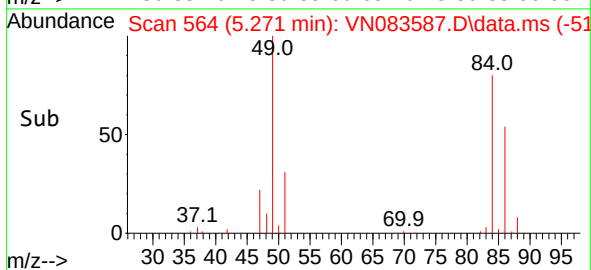
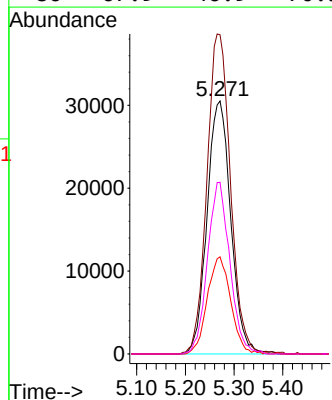
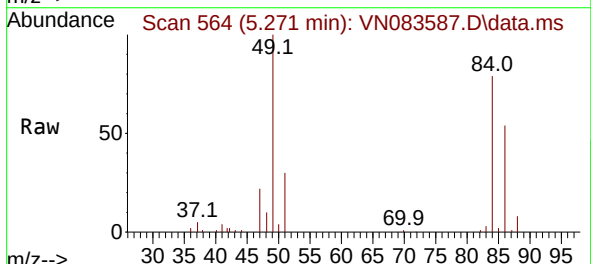
Manual Integrations
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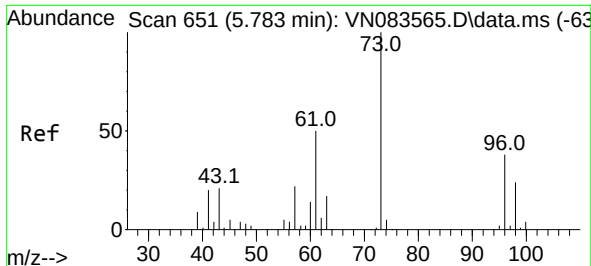
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#20
Methylene Chloride
Concen: 46.408 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

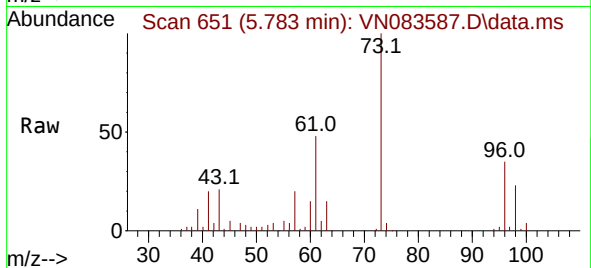
Tgt Ion: 84 Resp: 103401
Ion Ratio Lower Upper
84 100
49 126.2 93.4 140.0
51 38.4 29.2 43.8
86 67.9 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 45.938 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

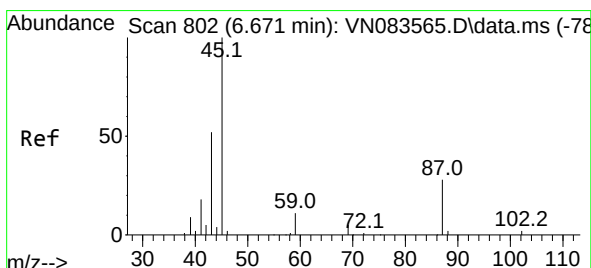
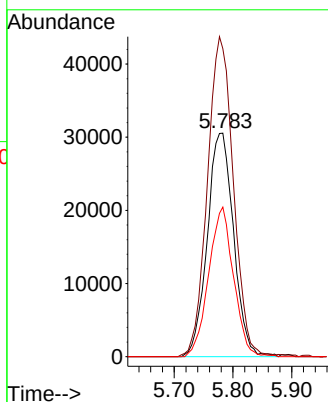
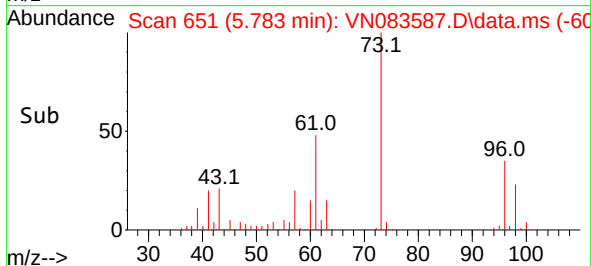
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 9490
Ion Ratio Lower Upper
96 100
61 137.8 106.0 159.0
98 66.9 52.2 78.2

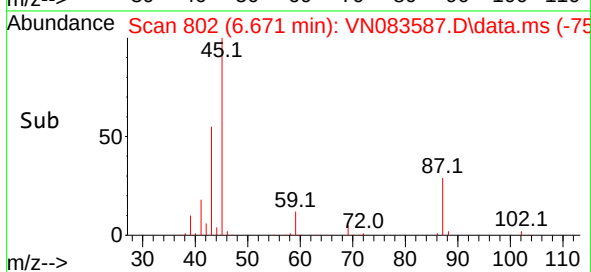
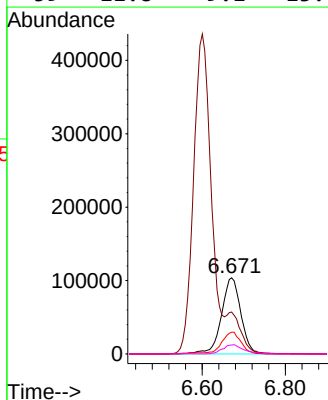
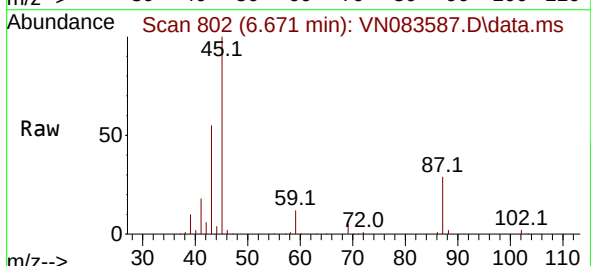
Manual Integrations
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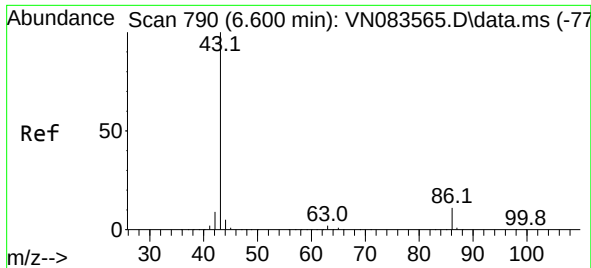
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#22
Diisopropyl ether
Concen: 48.115 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Tgt Ion: 45 Resp: 335479
Ion Ratio Lower Upper
45 100
43 54.3 43.4 65.0
87 28.7 22.6 33.8
59 11.8 9.1 13.7





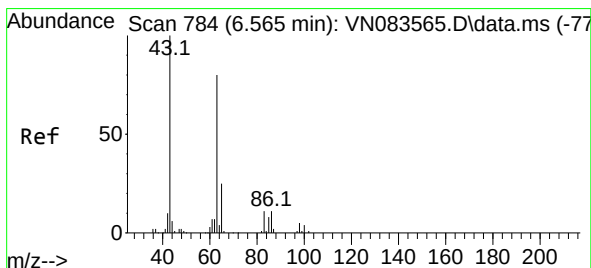
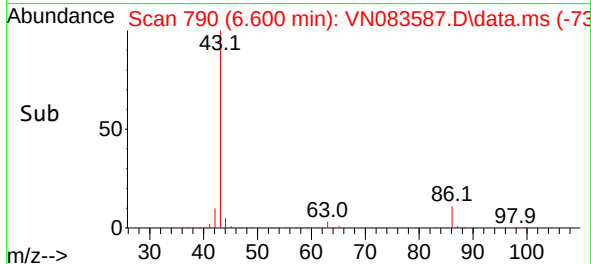
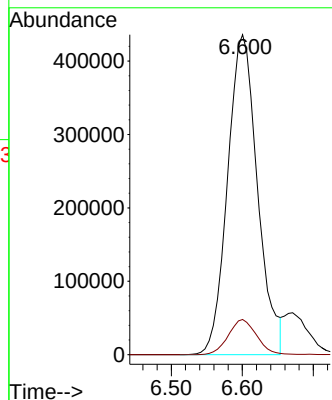
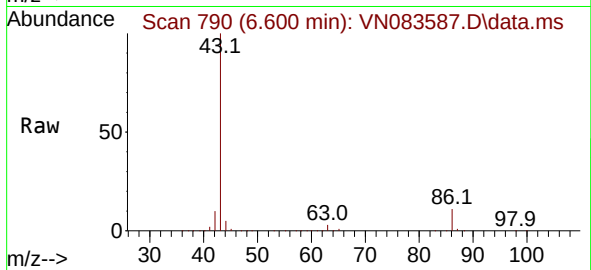
#23
 Vinyl Acetate
 Concen: 247.484 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083587.D
 Acq: 30 Aug 2024 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 127878
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.7 13.1

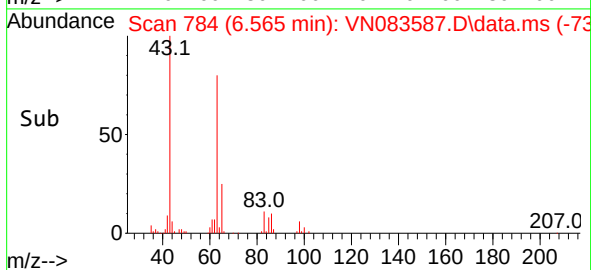
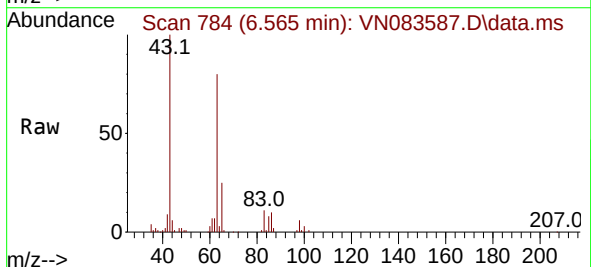
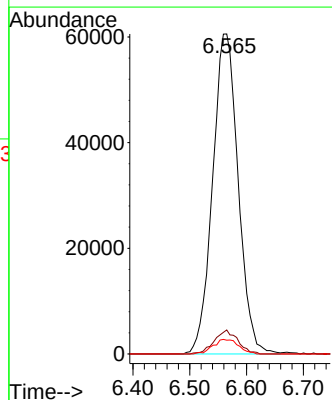
Manual Integrations
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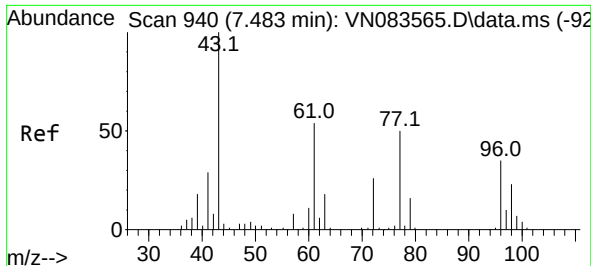
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#24
 1,1-Dichloroethane
 Concen: 47.634 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN083587.D
 Acq: 30 Aug 2024 19:57

Tgt Ion: 63 Resp: 189403
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.3 2.5 7.5





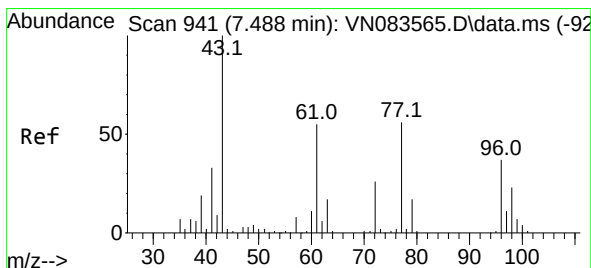
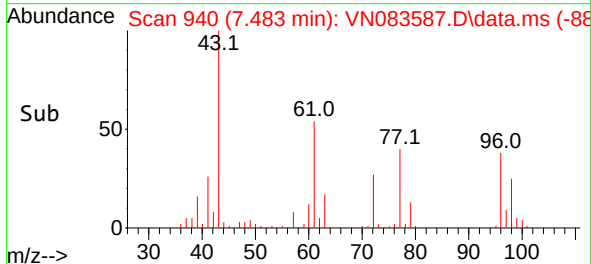
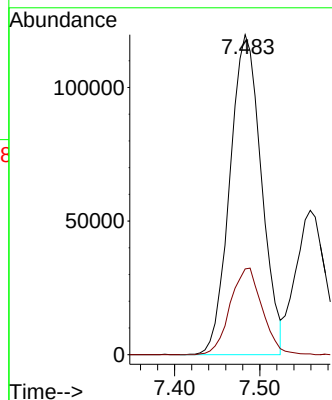
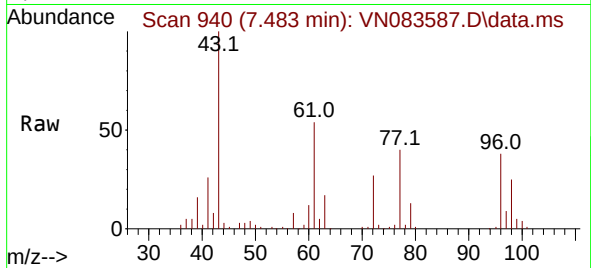
#25
2-Butanone
Concen: 224.731 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 30872
Ion Ratio Lower Upper
43 100
72 26.8 20.8 31.2

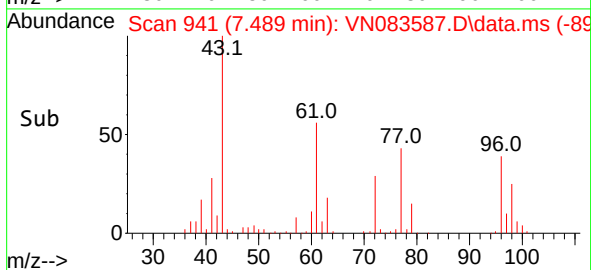
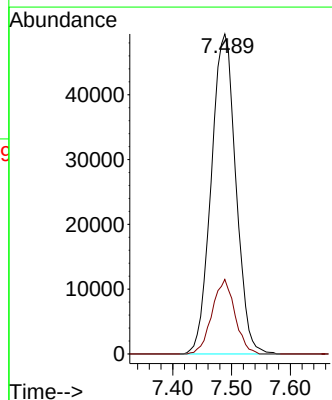
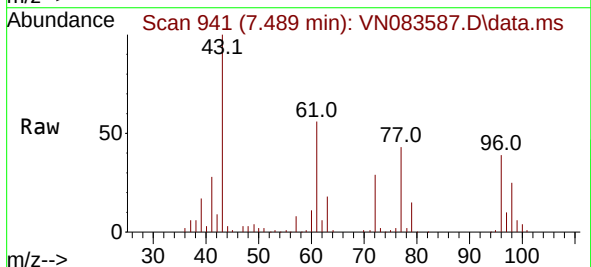
Manual Integrations
APPROVED

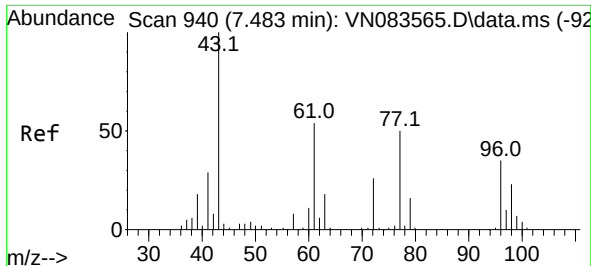
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#26
2,2-Dichloropropane
Concen: 38.787 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

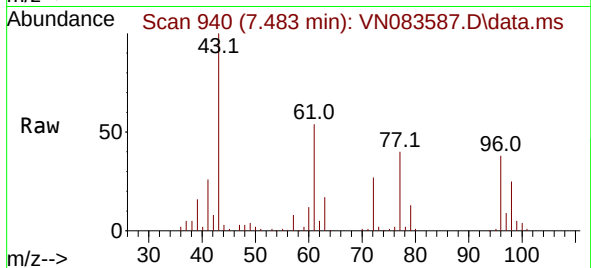
Tgt Ion: 77 Resp: 143588
Ion Ratio Lower Upper
77 100
97 21.6 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 47.480 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083587.D
 Acq: 30 Aug 2024 19:57

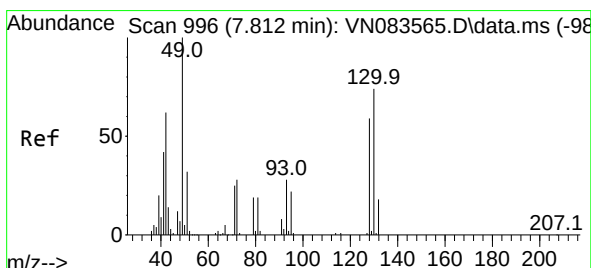
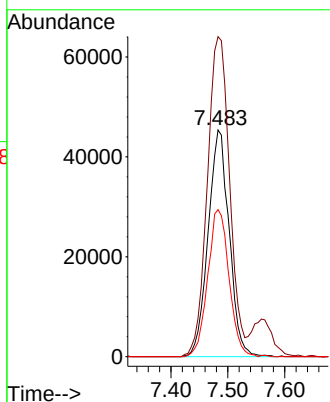
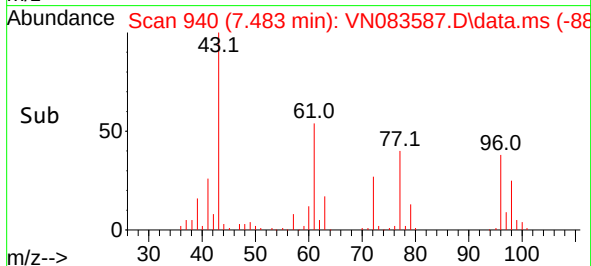
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



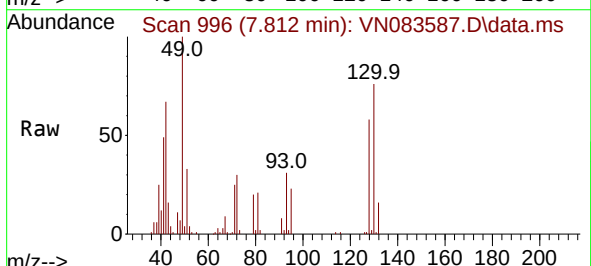
Tgt Ion: 96 Resp: 117049
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 306.2
 98 65.5 0.0 128.6

Manual Integrations
 APPROVED

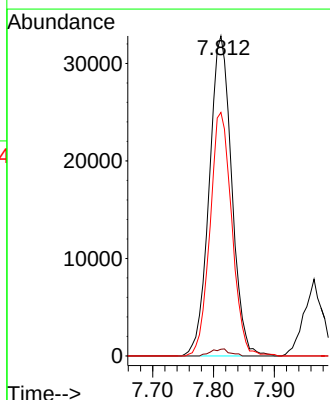
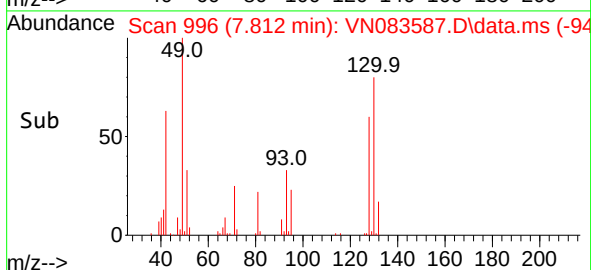
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

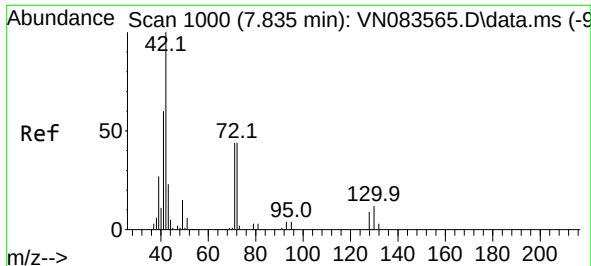


#28
 Bromochloromethane
 Concen: 45.299 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083587.D
 Acq: 30 Aug 2024 19:57



Tgt Ion: 49 Resp: 84109
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 73.9 60.2 90.2





#29

Tetrahydrofuran

Concen: 242.584 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

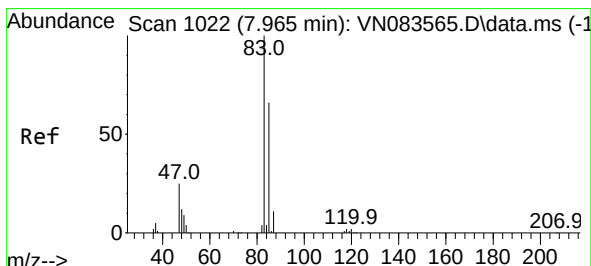
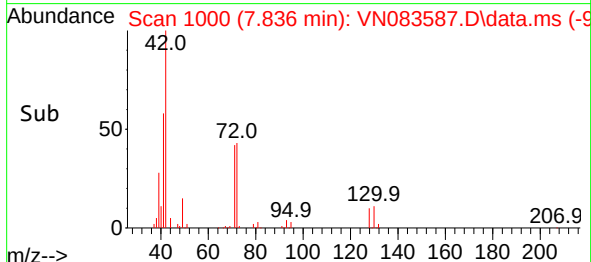
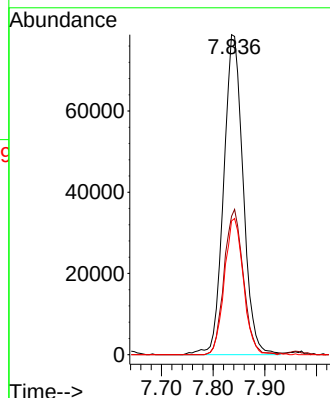
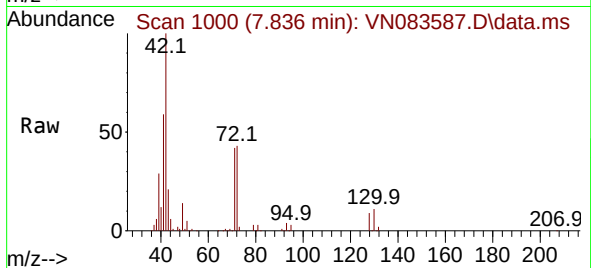
Tgt Ion:	42	Resp:	206700
Ion Ratio	Lower	Upper	
42	100		
72	44.6	35.9	53.9
71	41.5	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#30

Chloroform

Concen: 47.847 ug/l

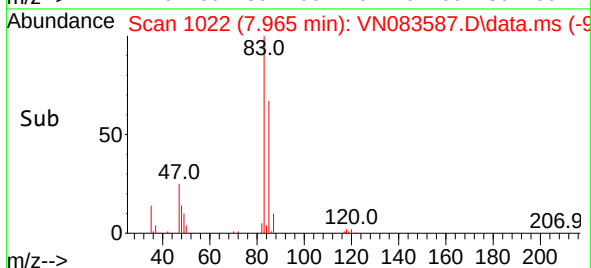
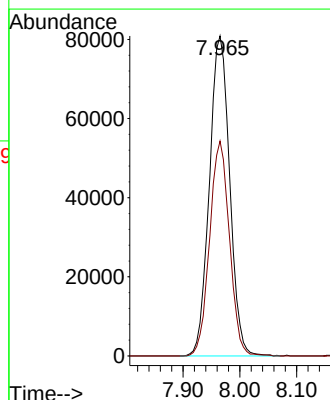
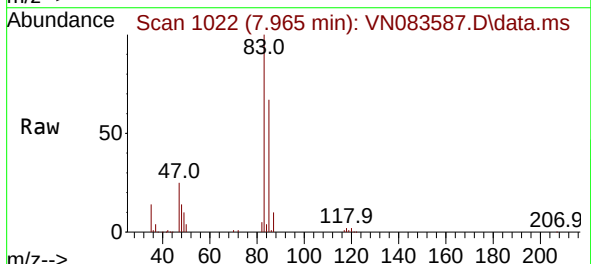
RT: 7.965 min Scan# 1022

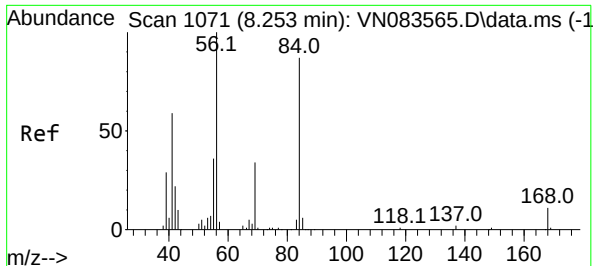
Delta R.T. 0.000 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

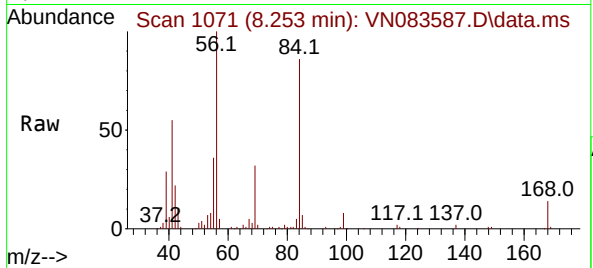
Tgt Ion:	83	Resp:	200441
Ion Ratio	Lower	Upper	
83	100		
85	67.2	52.8	79.2





#31
Cyclohexane
Concen: 44.037 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

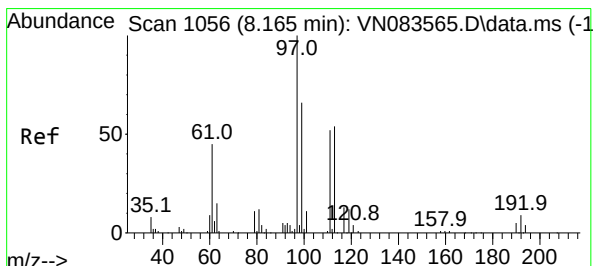
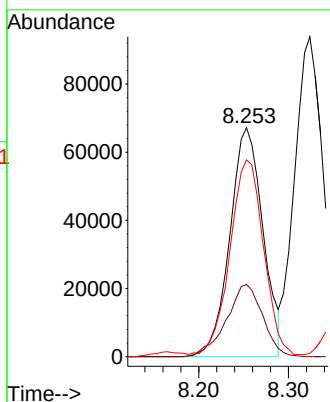
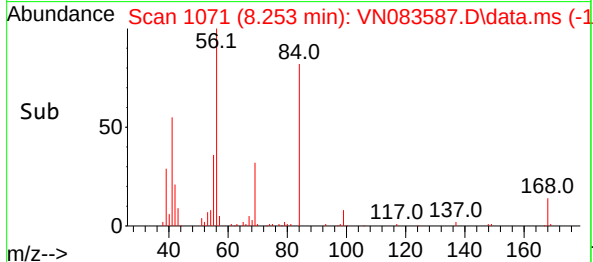
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



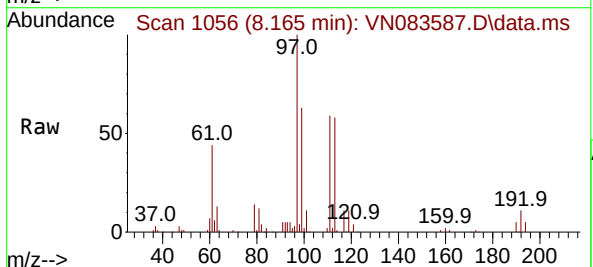
Tgt Ion: 56 Resp: 17235
Ion Ratio Lower Upper
56 100
69 31.5 26.9 40.3
84 84.4 69.2 103.8

Manual Integrations
APPROVED

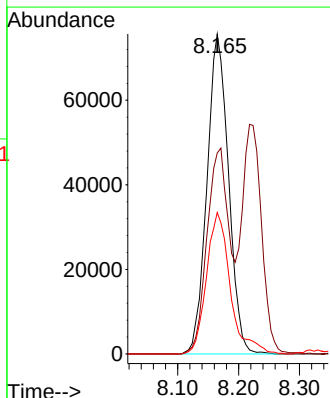
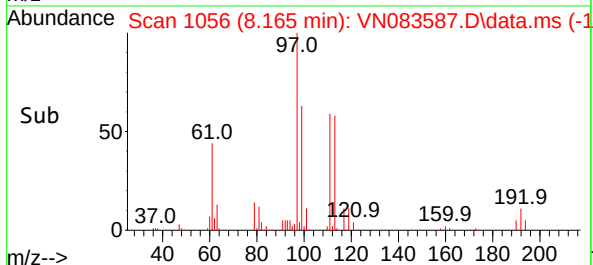
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

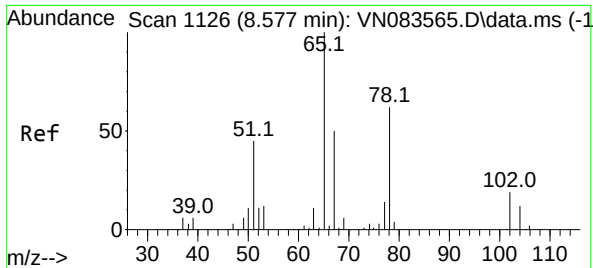


#32
1,1,1-Trichloroethane
Concen: 49.142 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



Tgt Ion: 97 Resp: 186152
Ion Ratio Lower Upper
97 100
99 66.7 52.3 78.5
61 48.8 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 56.272 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 14237

Ion Ratio Lower Upper

65 100

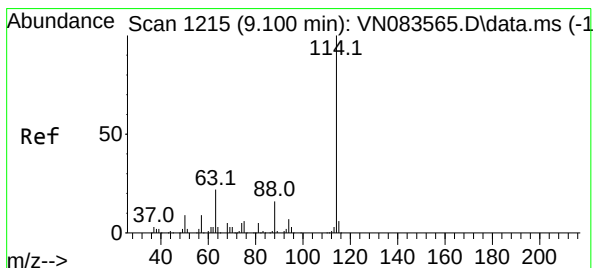
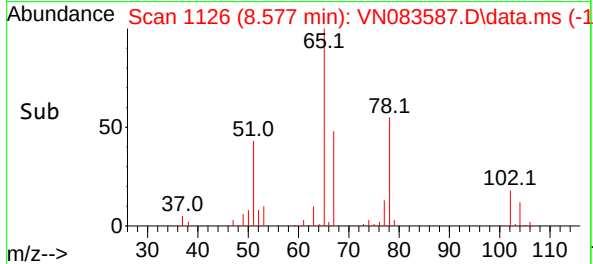
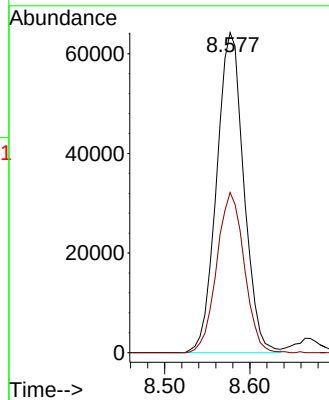
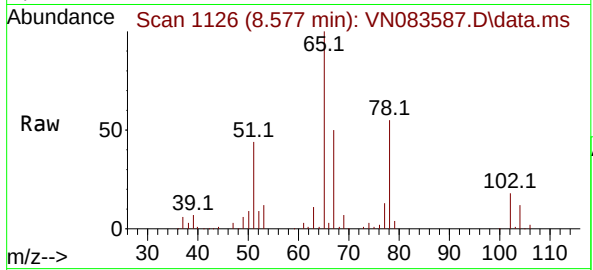
67 50.7 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

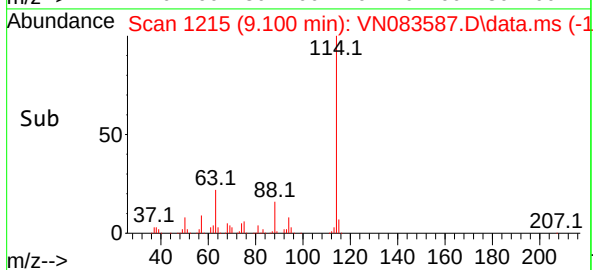
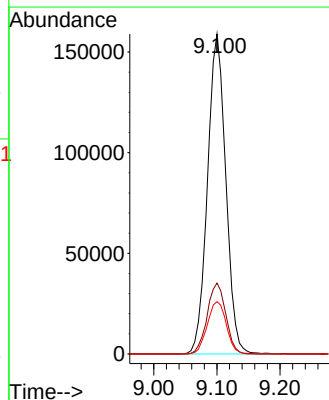
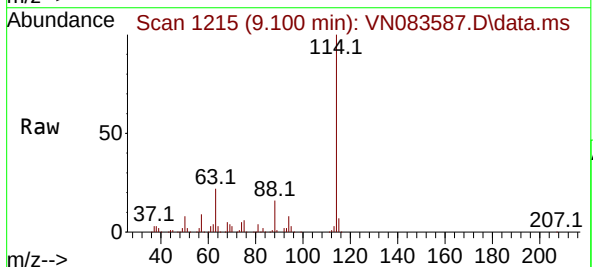
Tgt Ion:114 Resp: 320191

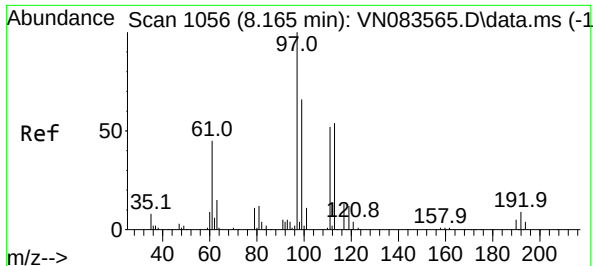
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

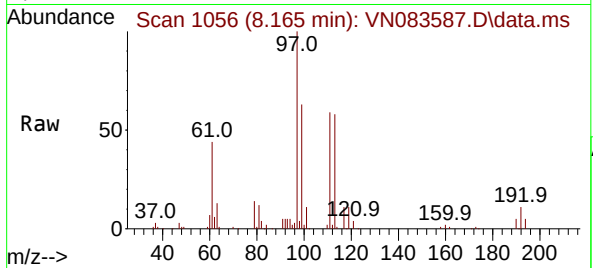
88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.750 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

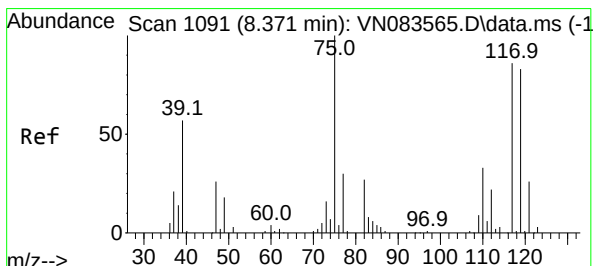
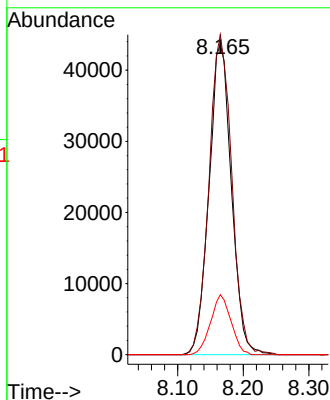
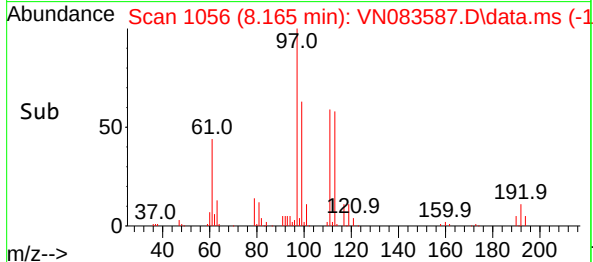
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



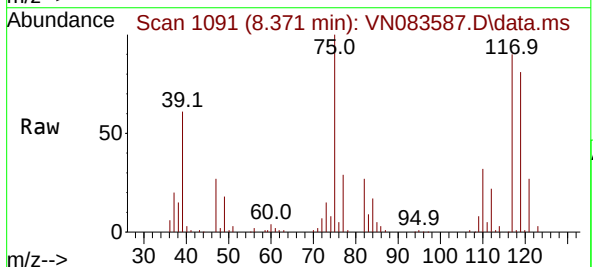
Tgt Ion: 113 Resp: 103584
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 17.6 14.3 21.5

Manual Integrations
APPROVED

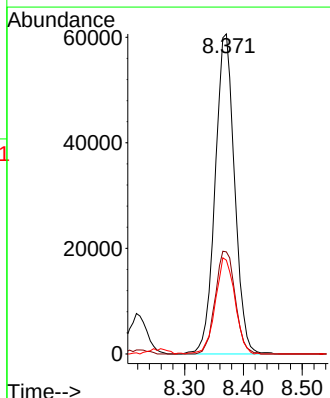
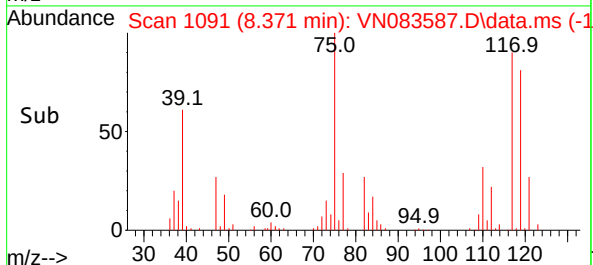
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

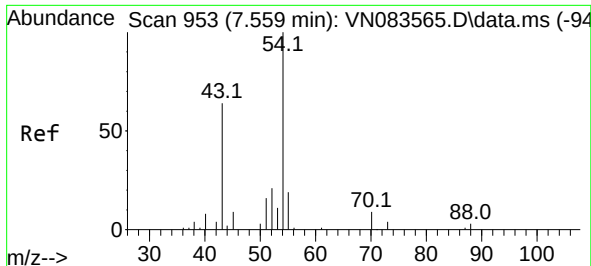


#36
1,1-Dichloropropene
Concen: 47.347 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



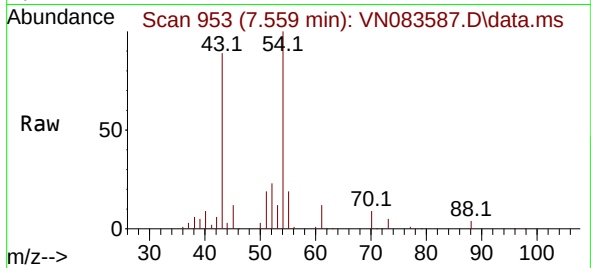
Tgt Ion: 75 Resp: 139178
Ion Ratio Lower Upper
75 100
110 33.0 16.7 50.1
77 30.4 25.2 37.8





#37
Ethyl Acetate
Concen: 46.435 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

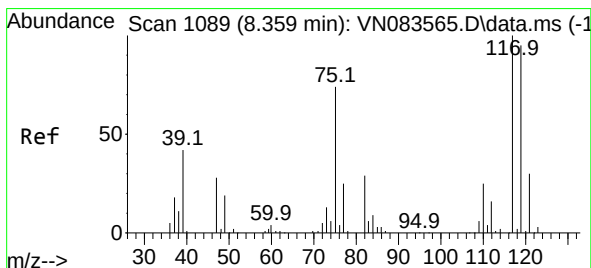
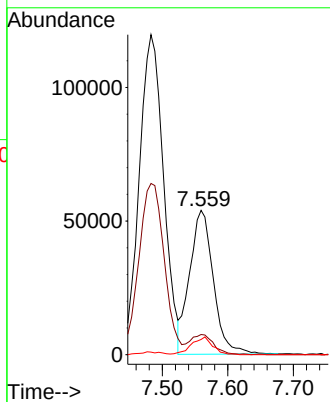
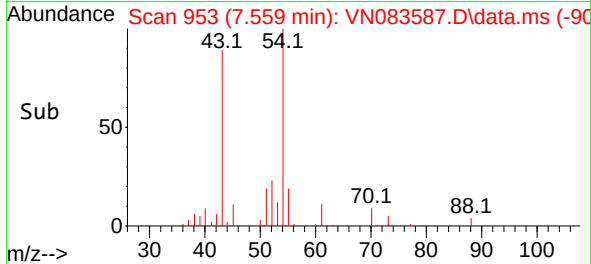
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



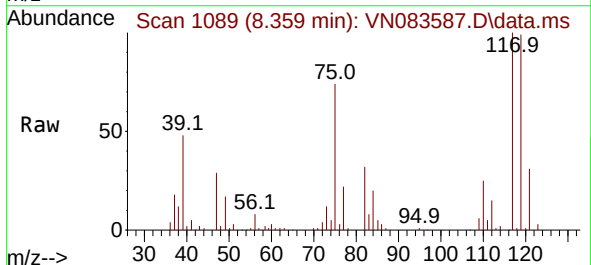
Tgt Ion: 43 Resp: 13584
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 11.0 8.8 13.2

Manual Integrations
APPROVED

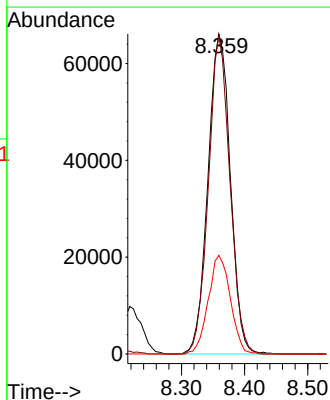
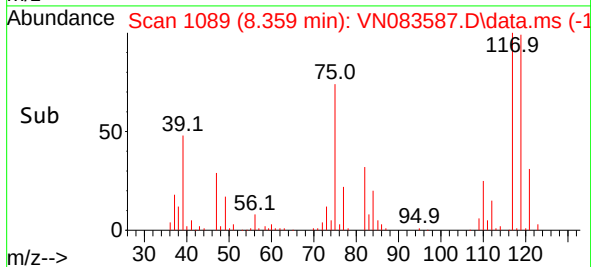
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

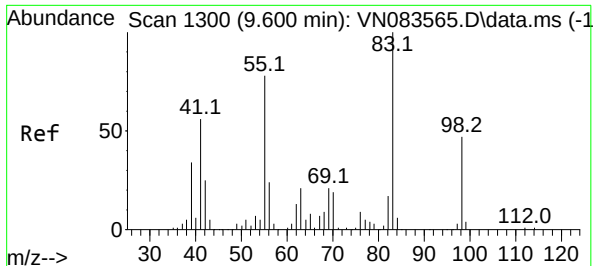


#38
Carbon Tetrachloride
Concen: 48.598 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



Tgt Ion:117 Resp: 162991
Ion Ratio Lower Upper
117 100
119 99.3 76.1 114.1
121 30.8 24.1 36.1





#39

Methylcyclohexane

Concen: 47.664 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 16812

Ion Ratio Lower Upper

83 100

55 79.1 62.2 93.4

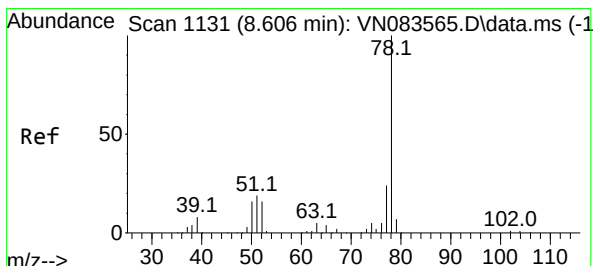
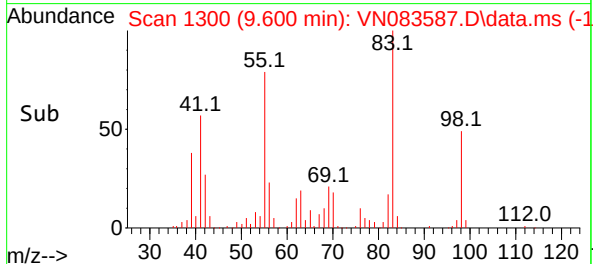
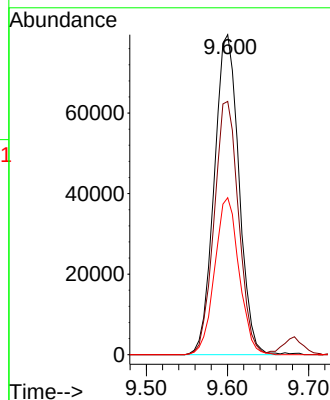
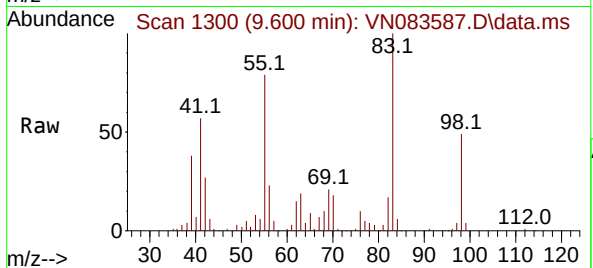
98 49.0 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#40

Benzene

Concen: 47.190 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083587.D

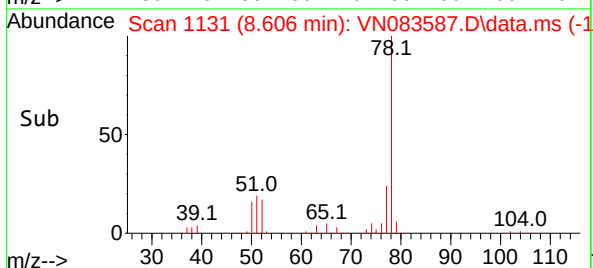
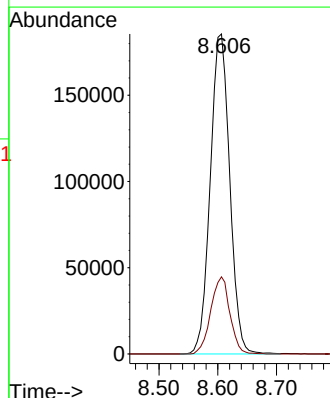
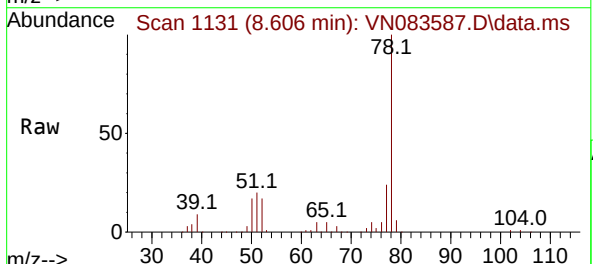
Acq: 30 Aug 2024 19:57

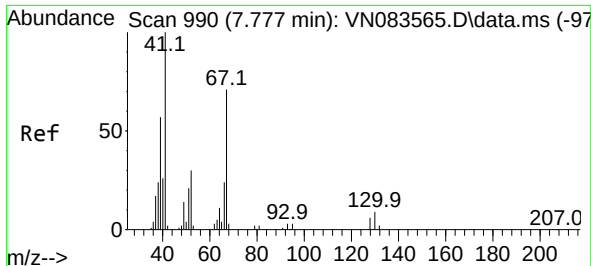
Tgt Ion: 78 Resp: 426719

Ion Ratio Lower Upper

78 100

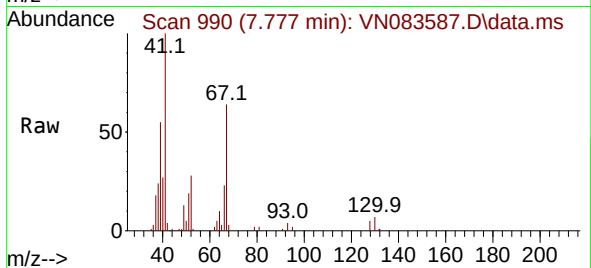
77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 46.757 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

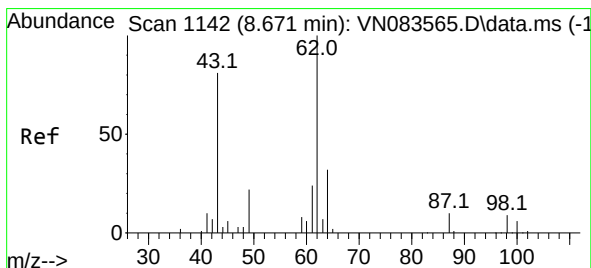
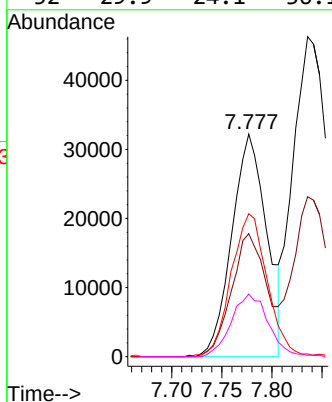
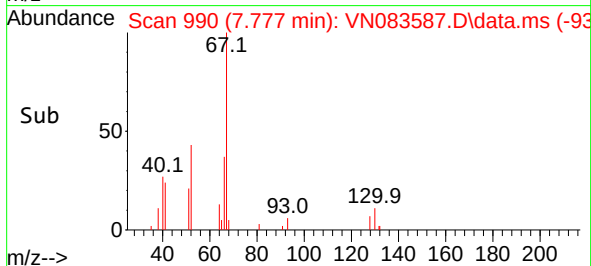
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 78058
Ion Ratio Lower Upper
41 100
39 56.0 45.4 68.2
67 66.5 55.9 83.9
52 29.9 24.1 36.1

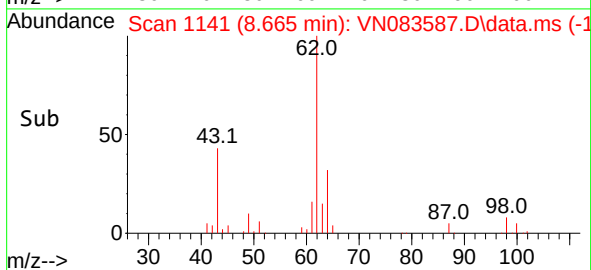
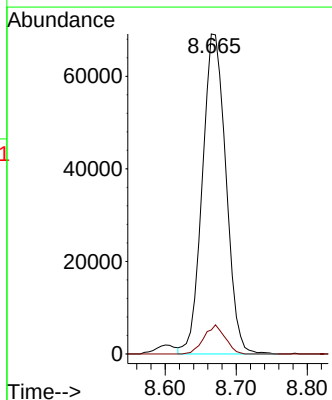
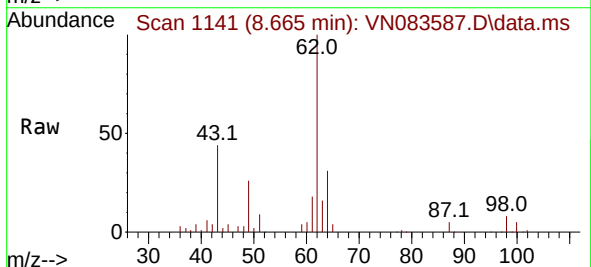
Manual Integrations
APPROVED

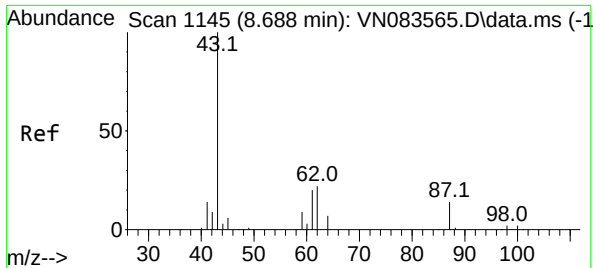
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#42
1,2-Dichloroethane
Concen: 47.594 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

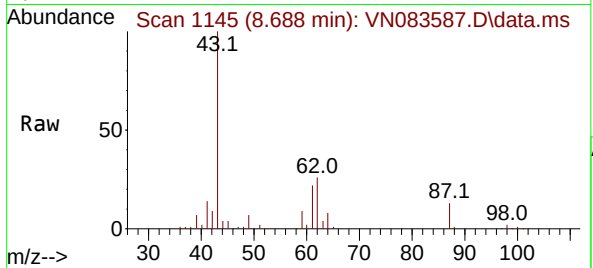
Tgt Ion: 62 Resp: 159532
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.6





#43
Isopropyl Acetate
Concen: 43.121 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

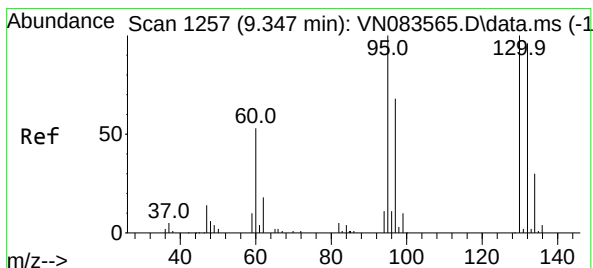
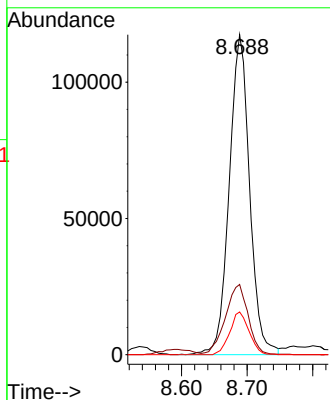
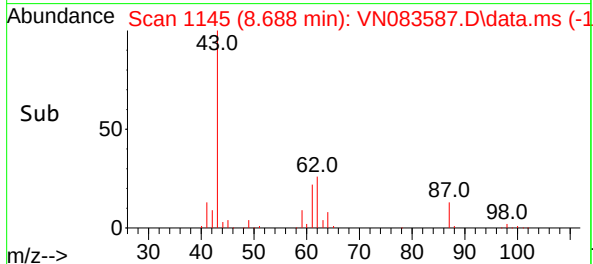
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 254104
Ion Ratio Lower Upper
43 100
61 24.6 19.4 29.0
87 12.6 9.8 14.6

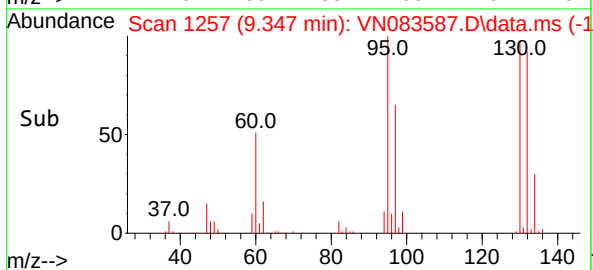
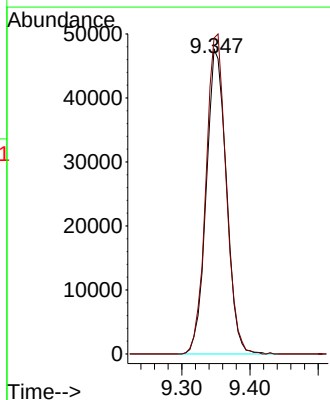
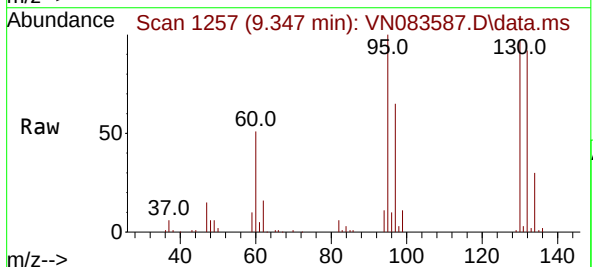
Manual Integrations
APPROVED

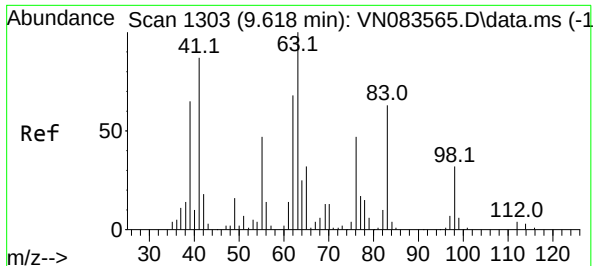
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#44
Trichloroethene
Concen: 45.006 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Tgt Ion:130 Resp: 97899
Ion Ratio Lower Upper
130 100
95 103.6 0.0 200.4





#45

1,2-Dichloropropane

Concen: 48.164 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 101456

Ion Ratio Lower Upper

63 100

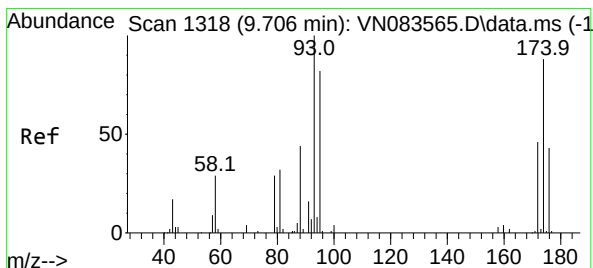
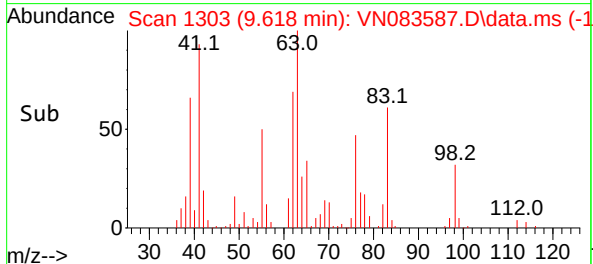
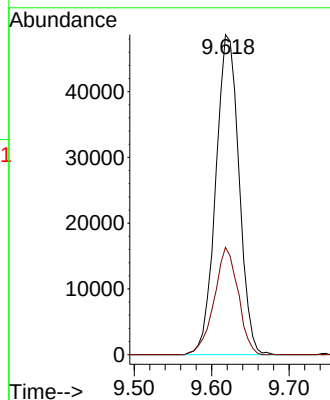
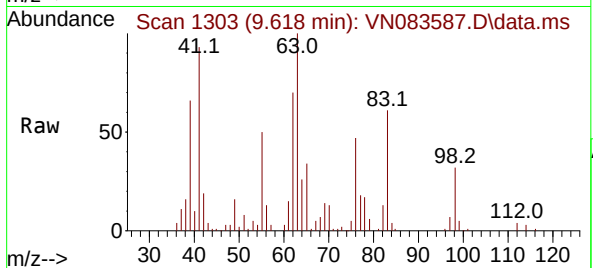
65 33.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#46

Dibromomethane

Concen: 47.042 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

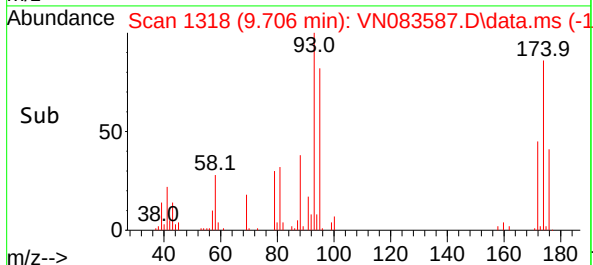
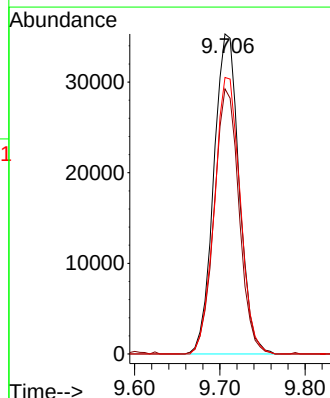
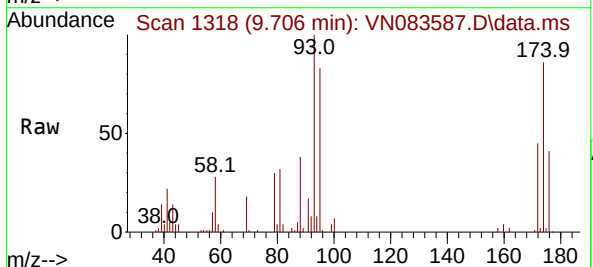
Tgt Ion: 93 Resp: 73105

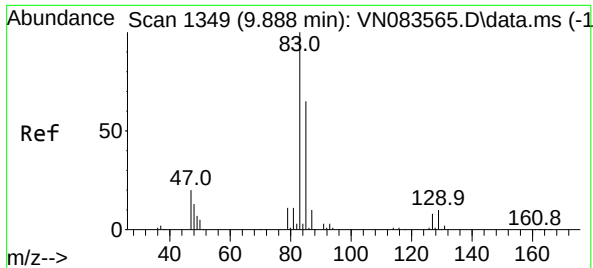
Ion Ratio Lower Upper

93 100

95 81.2 65.3 97.9

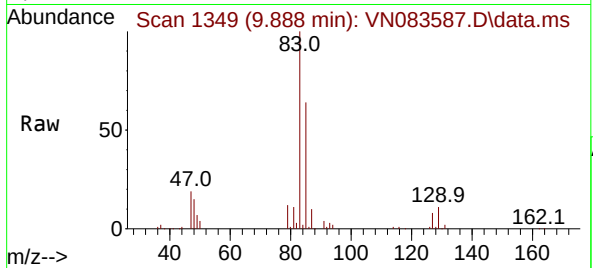
174 87.7 71.0 106.4





#47
Bromodichloromethane
Concen: 48.670 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

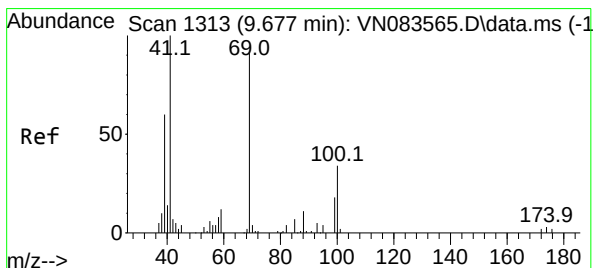
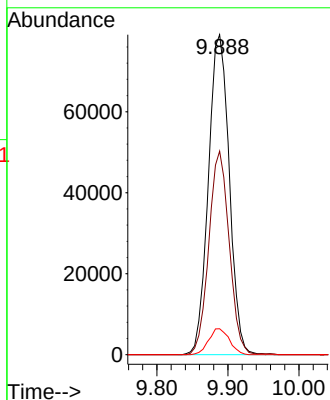
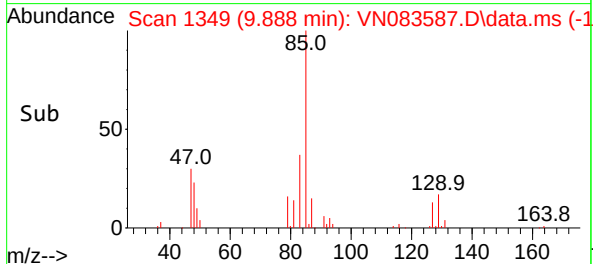
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 161000
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.8
127 8.1 6.6 9.8

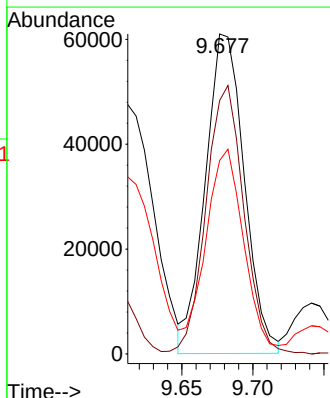
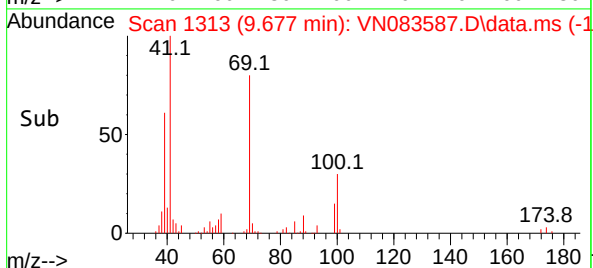
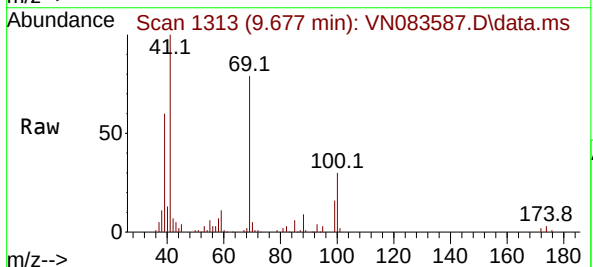
Manual Integrations
APPROVED

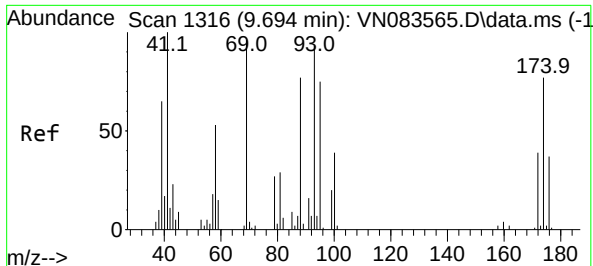
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#48
Methyl methacrylate
Concen: 48.474 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Tgt Ion: 41 Resp: 116314
Ion Ratio Lower Upper
41 100
69 81.7 64.3 96.5
39 63.2 48.9 73.3





#49

1,4-Dioxane

Concen: 934.844 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

Tgt Ion: 88 Resp: 36750

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

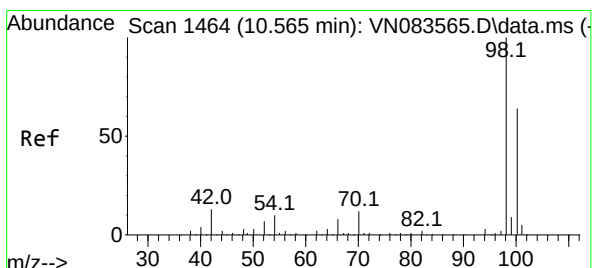
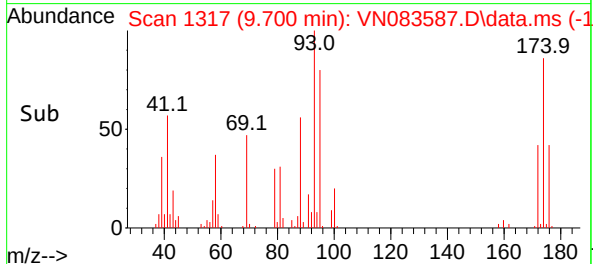
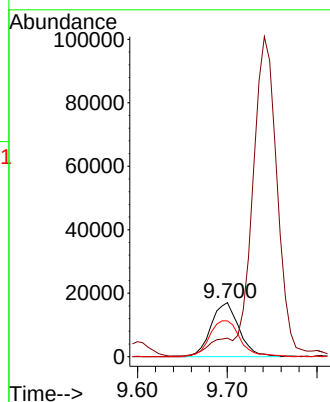
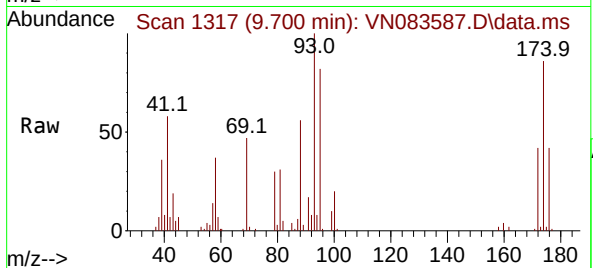
58 73.1 57.1 85.7

Manual Integrations

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Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#50

Toluene-d8

Concen: 51.806 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083587.D

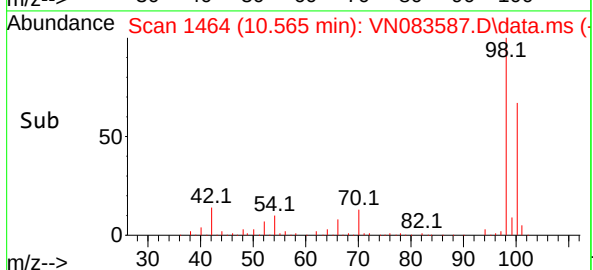
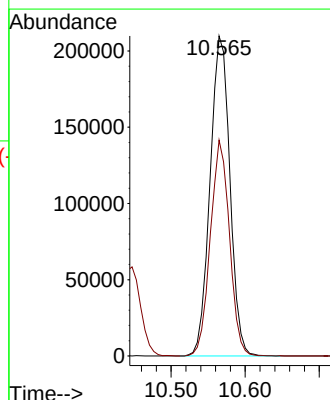
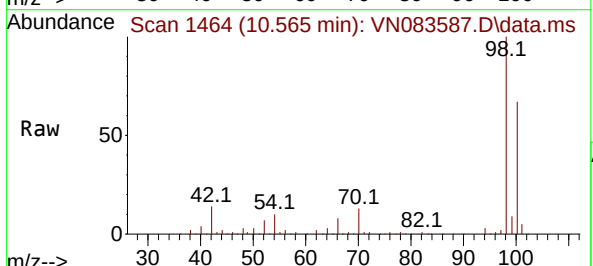
Acq: 30 Aug 2024 19:57

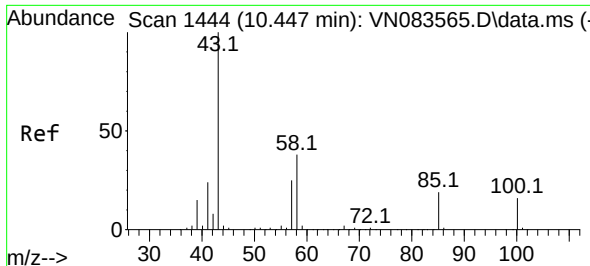
Tgt Ion: 98 Resp: 389543

Ion Ratio Lower Upper

98 100

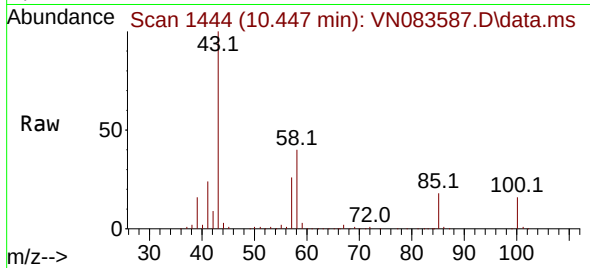
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 242.902 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

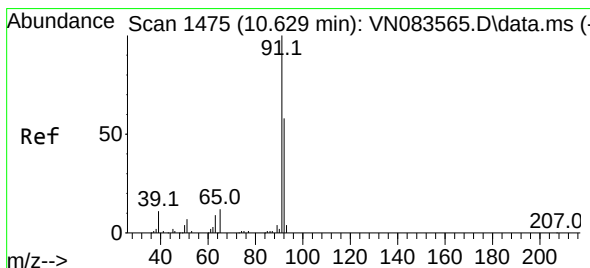
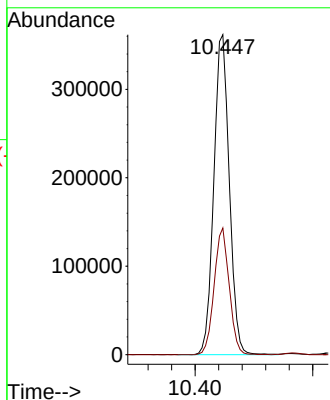
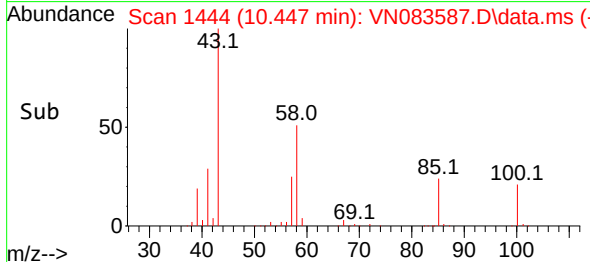
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



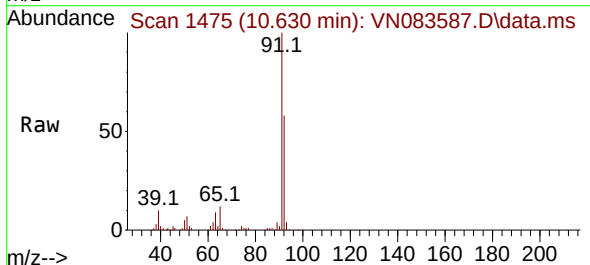
Tgt Ion: 43 Resp: 66064
Ion Ratio Lower Upper
43 100
58 38.5 31.6 47.4

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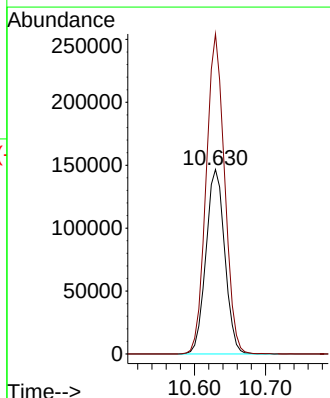
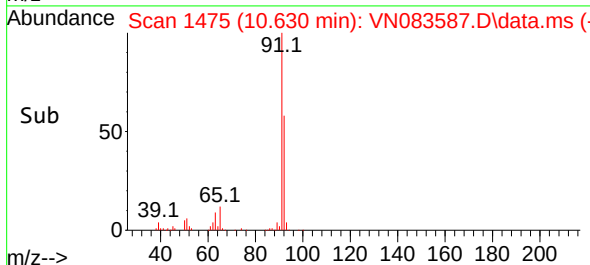
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

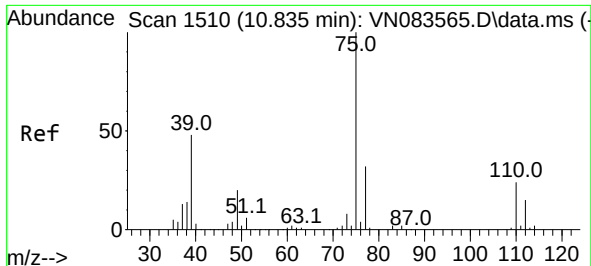


#52
Toluene
Concen: 47.690 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



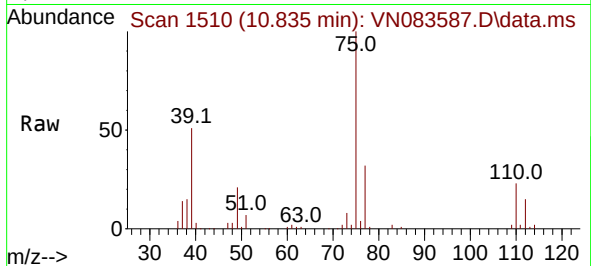
Tgt Ion: 92 Resp: 269706
Ion Ratio Lower Upper
92 100
91 170.2 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 46.411 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

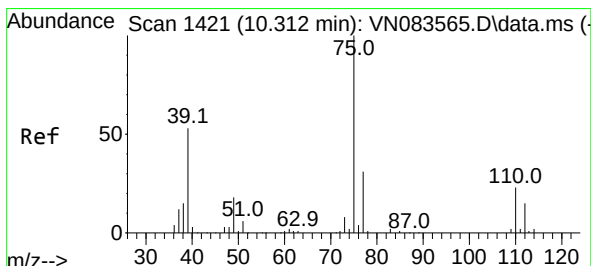
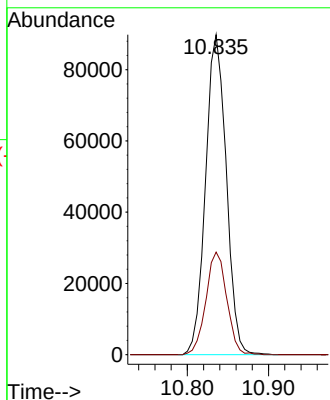
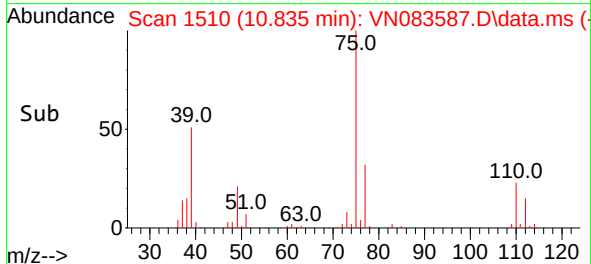
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 158940
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6

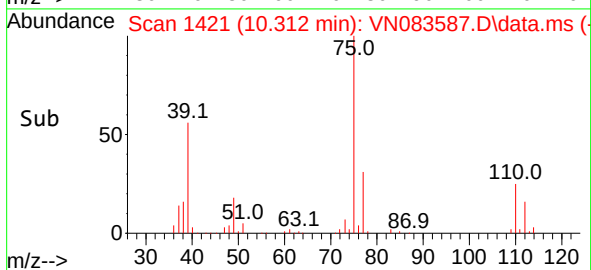
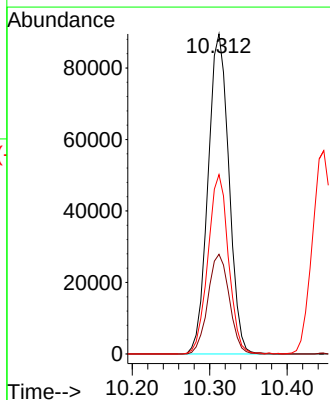
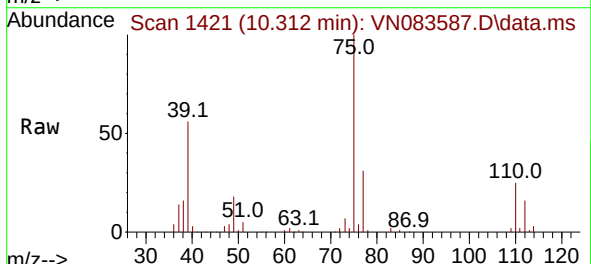
Manual Integrations
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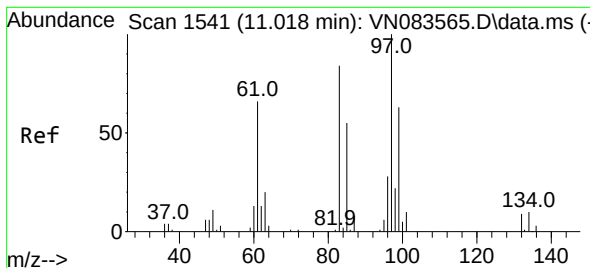
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#54
cis-1,3-Dichloropropene
Concen: 46.606 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

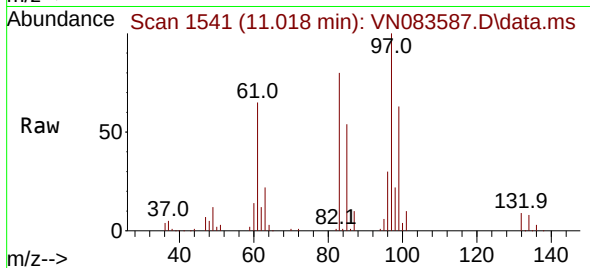
Tgt Ion: 75 Resp: 167529
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6
39 56.1 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 48.140 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

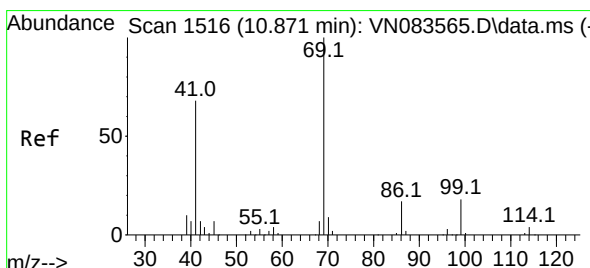
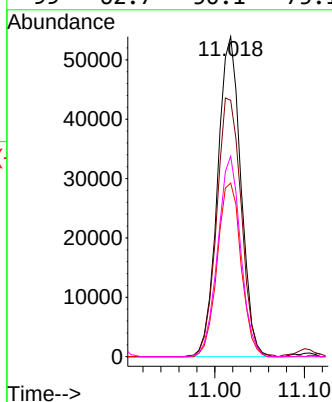
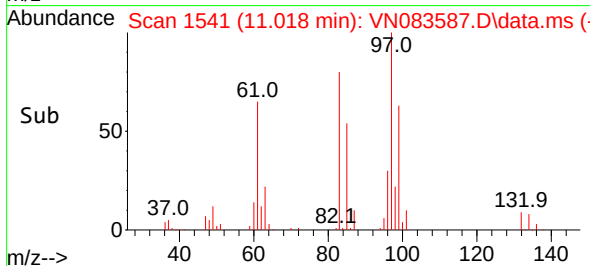


Tgt Ion: 97 Resp: 97172

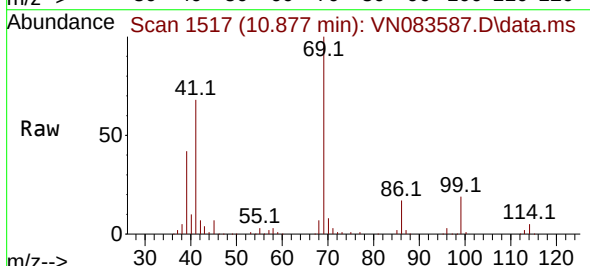
Ion	Ratio	Lower	Upper
97	100		
83	80.1	67.5	101.3
85	54.3	44.2	66.2
99	62.7	50.1	75.1

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

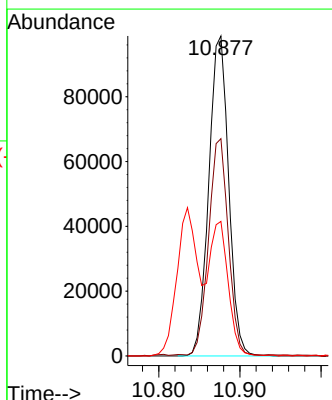
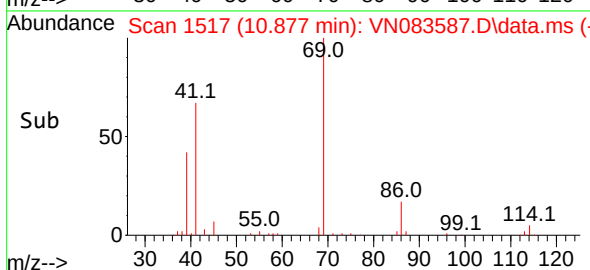


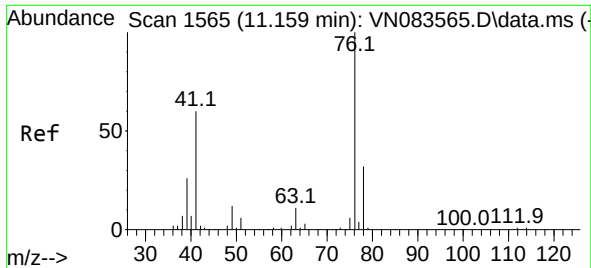
#56
Ethyl methacrylate
Concen: 50.160 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



Tgt Ion: 69 Resp: 167500

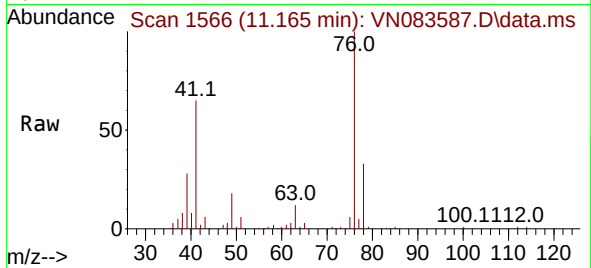
Ion	Ratio	Lower	Upper
69	100		
41	67.1	53.9	80.9
39	41.5	32.6	48.8





#57
1,3-Dichloropropane
Concen: 47.505 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

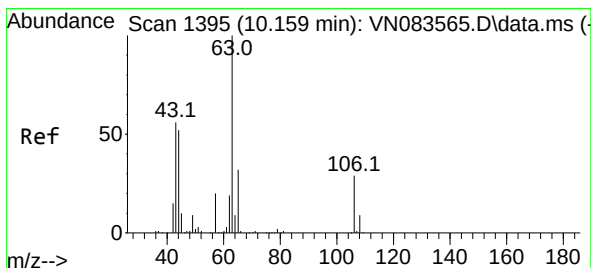
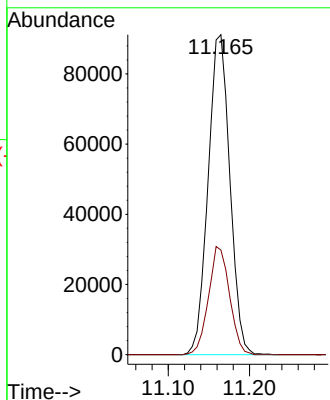
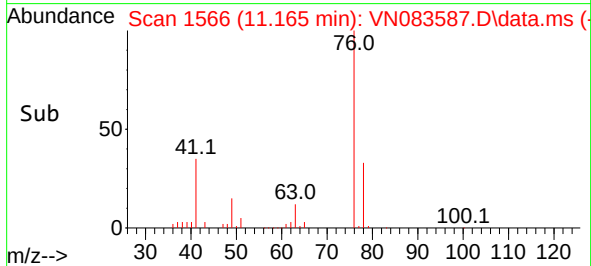
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 169760
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

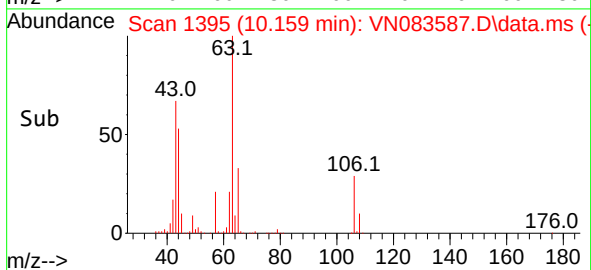
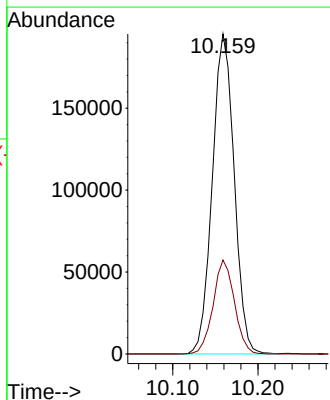
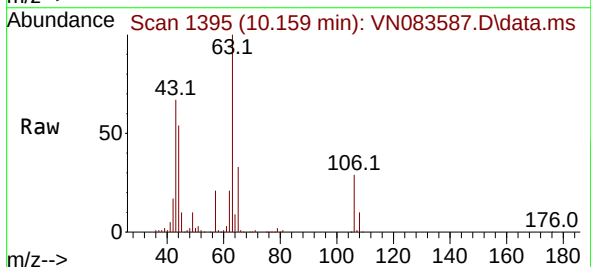
Manual Integrations
APPROVED

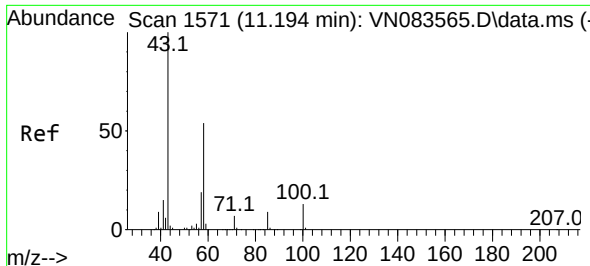
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#58
2-Chloroethyl Vinyl ether
Concen: 240.323 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

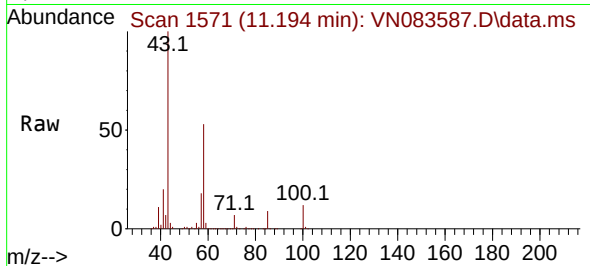
Tgt Ion: 63 Resp: 348703
Ion Ratio Lower Upper
63 100
106 28.6 23.3 34.9





#59
2-Hexanone
Concen: 238.741 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

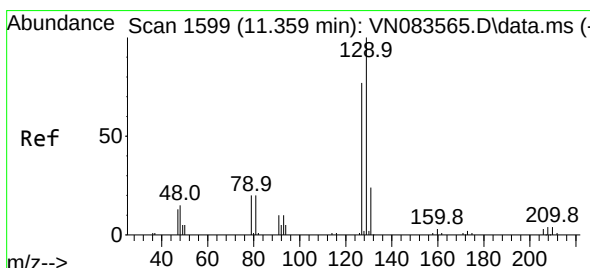
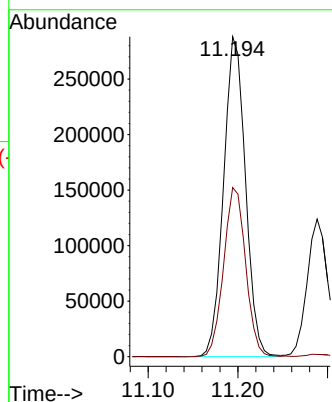
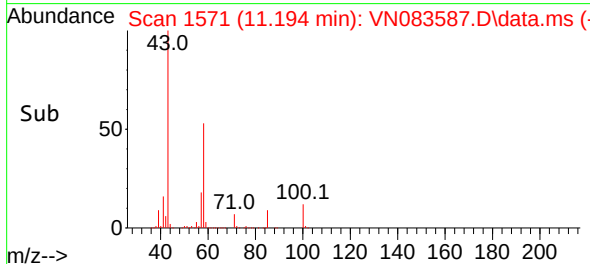
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 487302
Ion Ratio Lower Upper
43 100
58 53.3 27.2 81.5

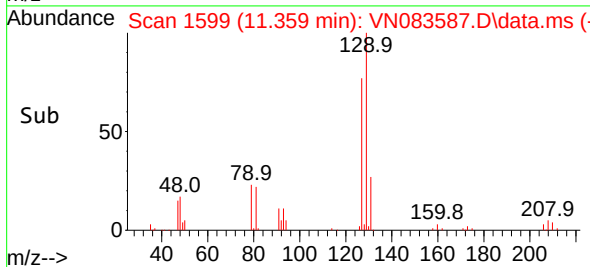
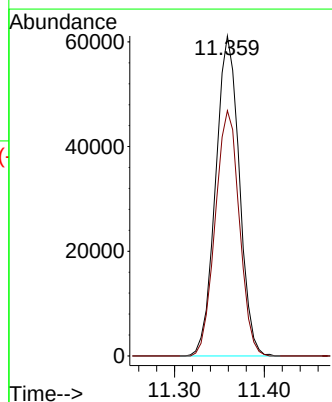
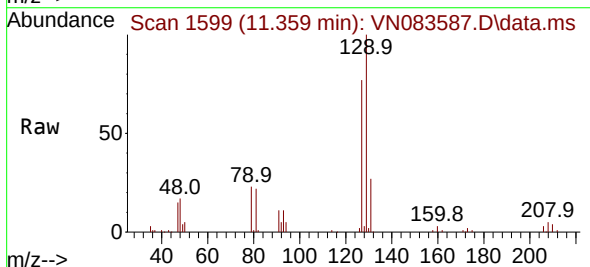
Manual Integrations
APPROVED

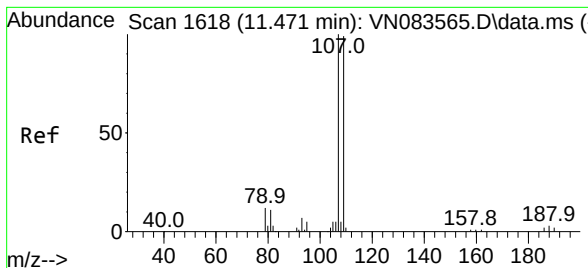
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#60
Dibromochloromethane
Concen: 47.835 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

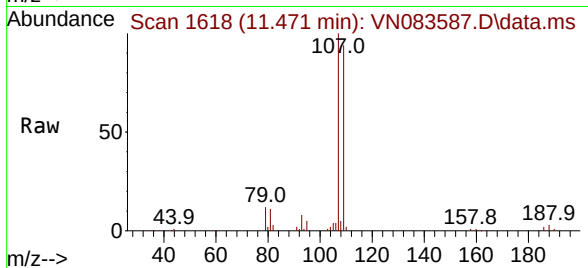
Tgt Ion:129 Resp: 111882
Ion Ratio Lower Upper
129 100
127 78.0 39.0 116.9





#61
1,2-Dibromoethane
Concen: 48.329 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

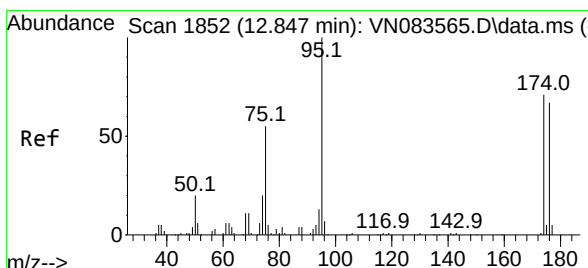
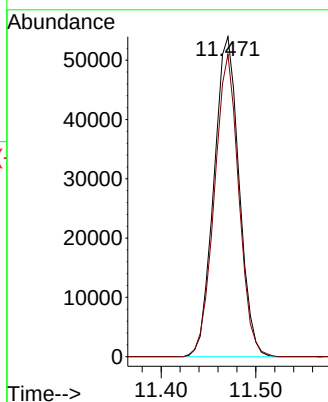
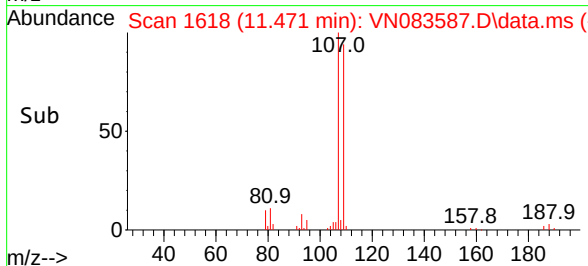
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 99660
Ion Ratio Lower Upper
107 100
109 91.5 75.6 113.4

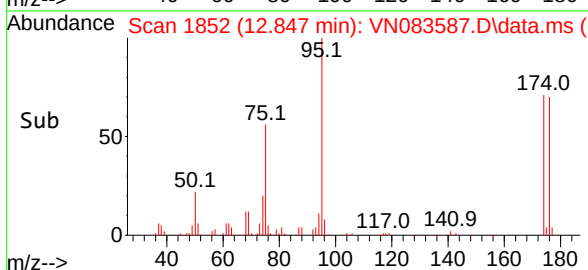
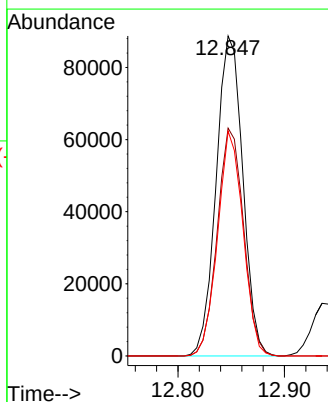
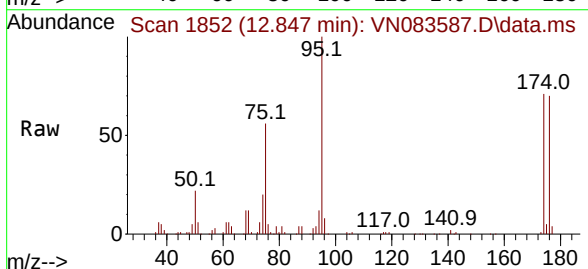
Manual Integrations
APPROVED

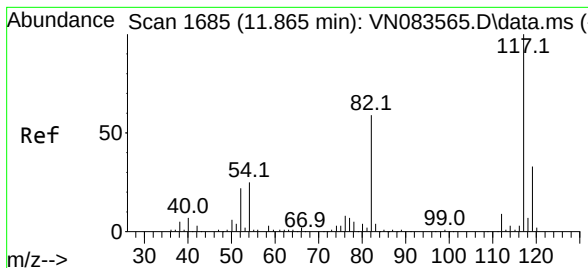
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#62
4-Bromofluorobenzene
Concen: 55.439 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Tgt Ion: 95 Resp: 154124
Ion Ratio Lower Upper
95 100
174 70.3 0.0 139.8
176 67.0 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 28348

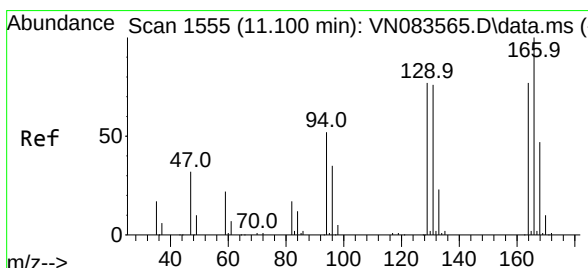
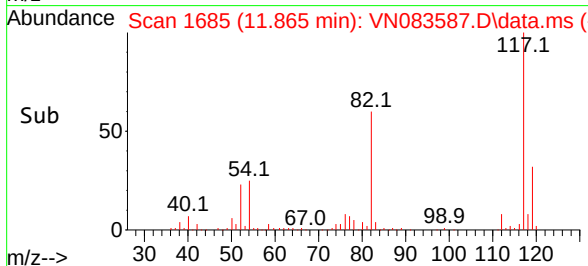
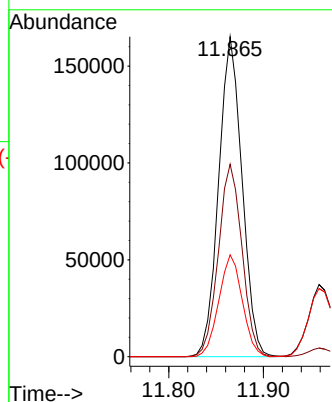
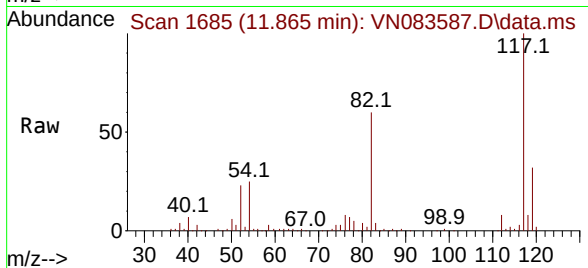
Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.4	71.0
119	31.8	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#64

Tetrachloroethene

Concen: 45.393 ug/l

RT: 11.100 min Scan# 1555

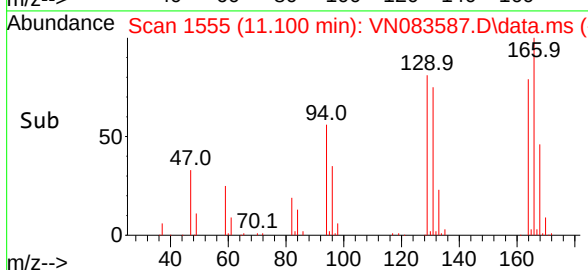
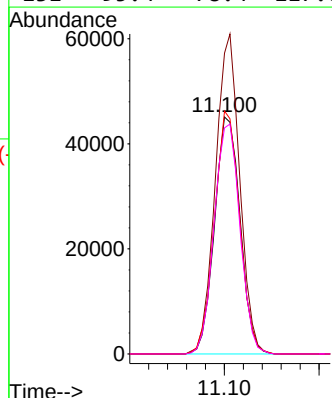
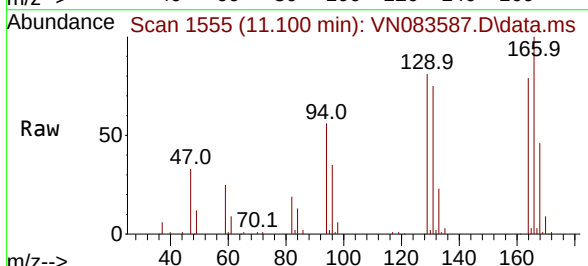
Delta R.T. 0.000 min

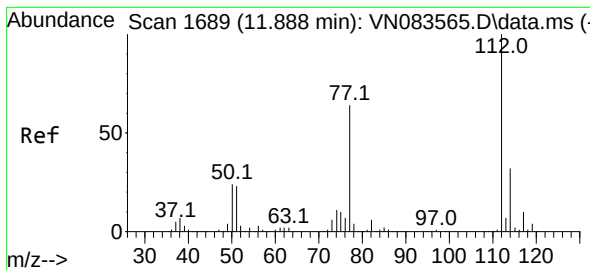
Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

Tgt Ion:164 Resp: 84583

Ion	Ratio	Lower	Upper
164	100		
166	127.0	103.7	155.5
129	102.5	79.9	119.9
131	95.4	78.4	117.6





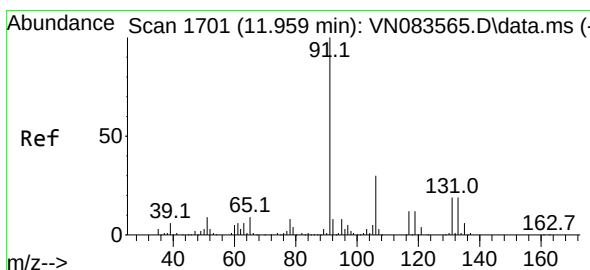
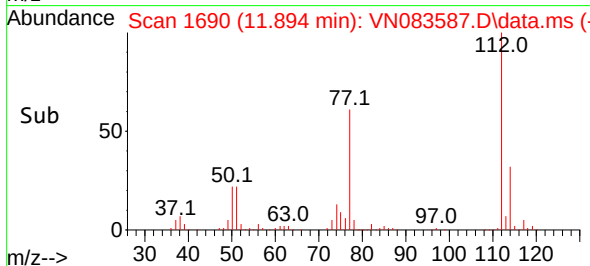
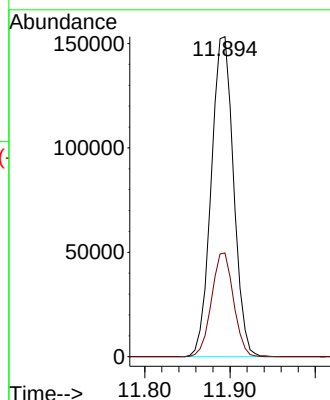
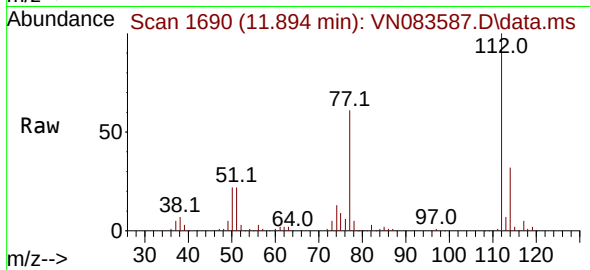
#65
Chlorobenzene
Concen: 43.839 ug/l
RT: 11.894 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 278708
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

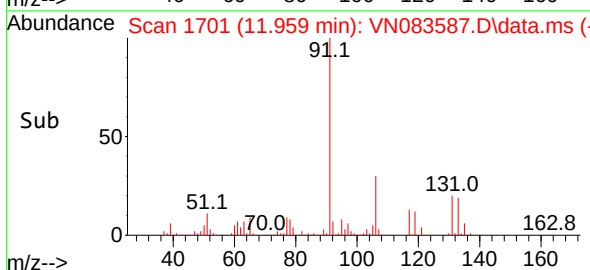
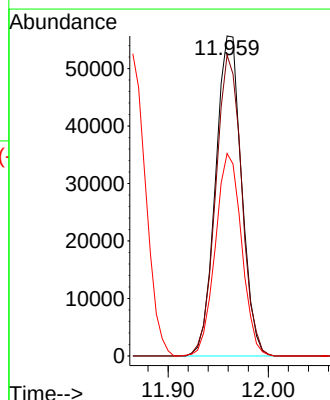
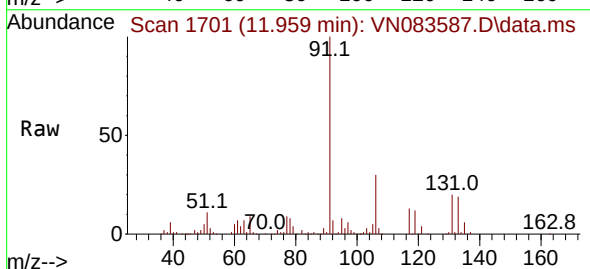
Manual Integrations
APPROVED

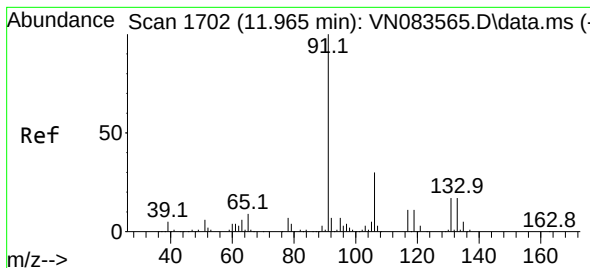
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 46.699 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

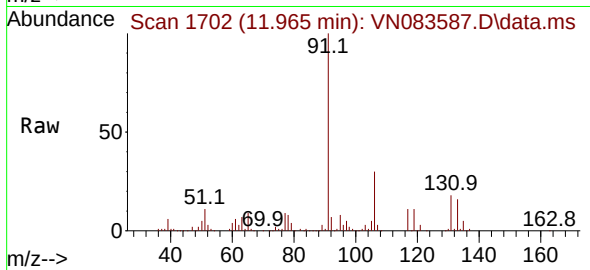
Tgt Ion:131 Resp: 100238
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.6
119 64.0 31.6 94.8





#67
Ethyl Benzene
Concen: 45.642 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

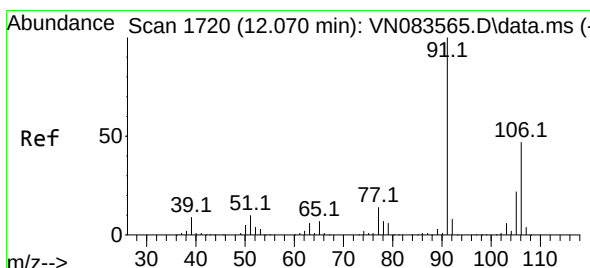
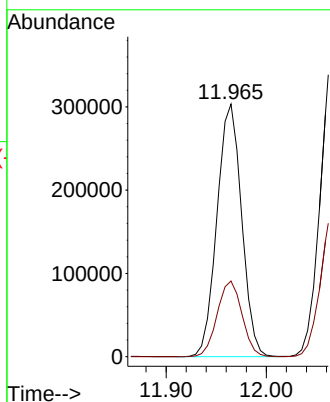
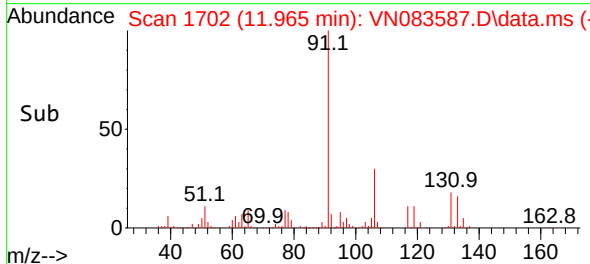
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



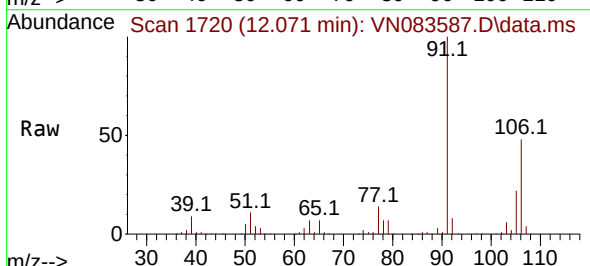
Tgt Ion: 91 Resp: 517963
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5

Manual Integrations
APPROVED

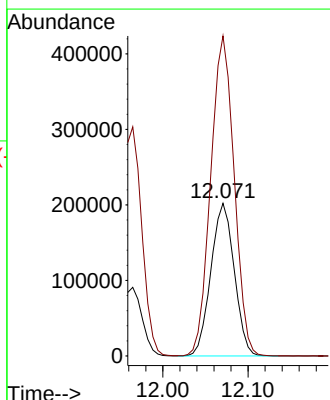
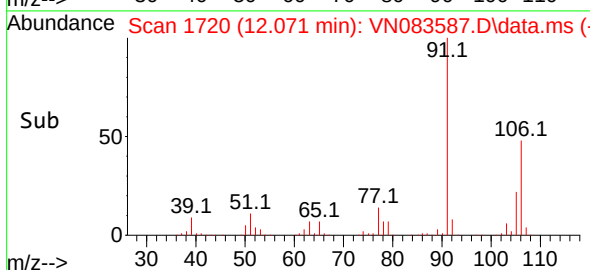
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

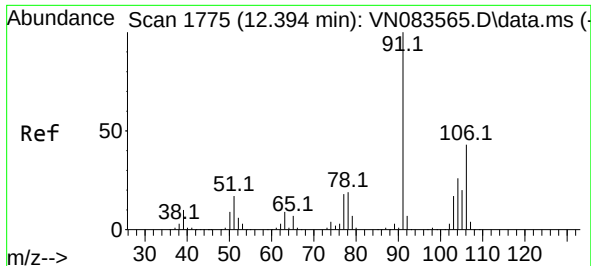


#68
m/p-Xylenes
Concen: 90.019 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



Tgt Ion:106 Resp: 384844
Ion Ratio Lower Upper
106 100
91 210.9 169.2 253.8





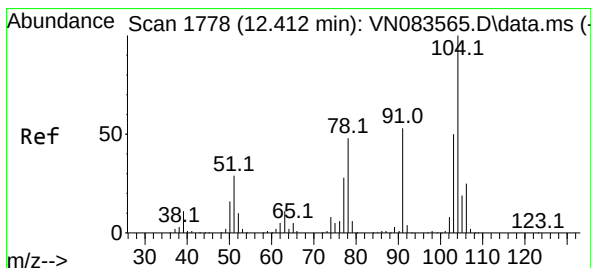
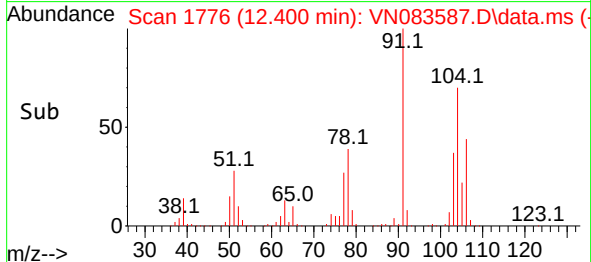
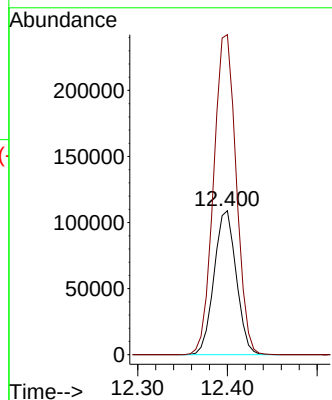
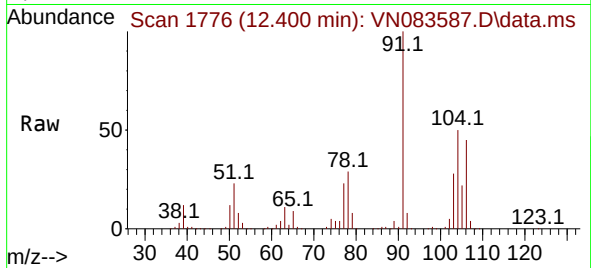
#69
o-Xylene
Concen: 45.265 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 187036
Ion Ratio Lower Upper
106 100
91 226.7 112.9 338.6

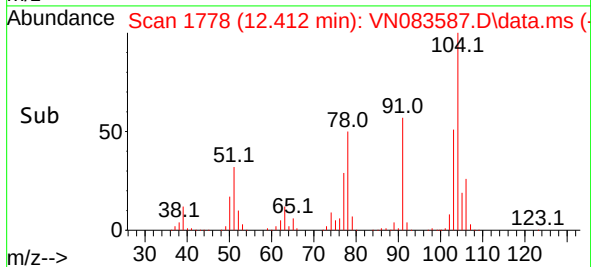
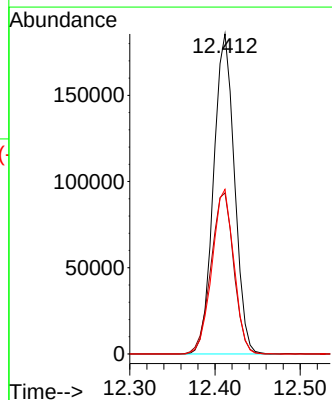
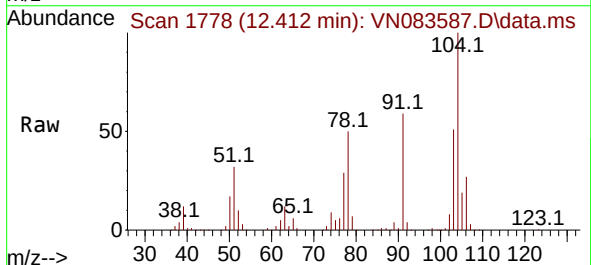
Manual Integrations
APPROVED

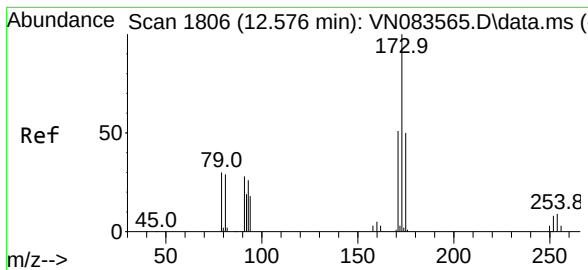
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#70
Styrene
Concen: 45.587 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

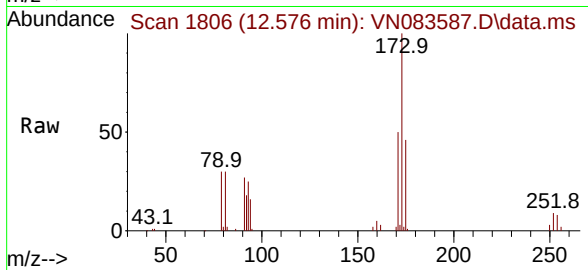
Tgt Ion:104 Resp: 316715
Ion Ratio Lower Upper
104 100
78 54.7 43.3 64.9
103 53.7 43.4 65.2





#71
Bromoform
Concen: 47.942 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

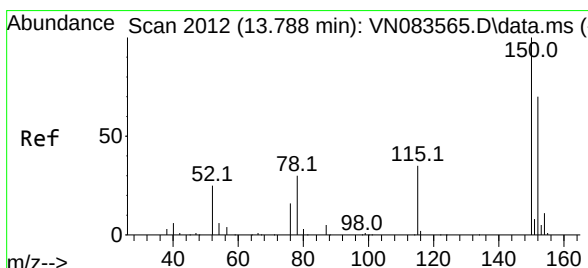
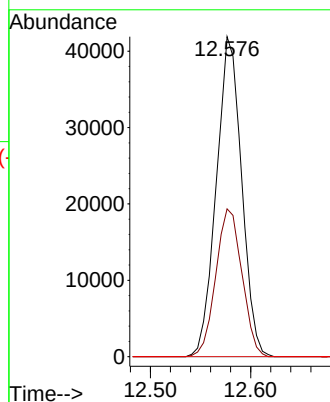
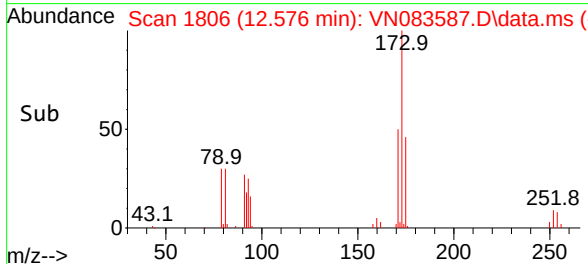
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



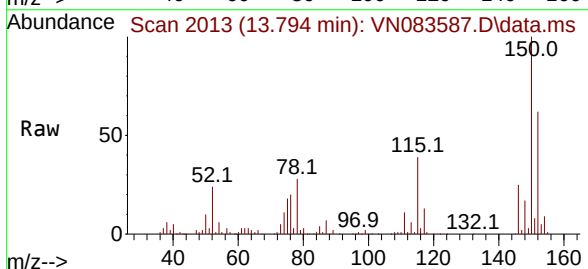
Tgt Ion:173 Resp: 73299
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.2
254 0.0 0.0 0.0

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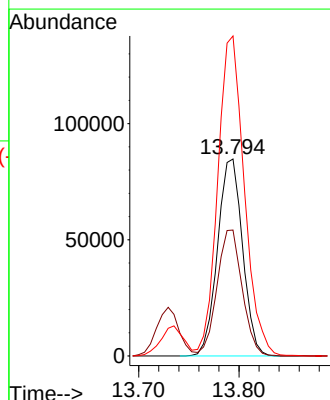
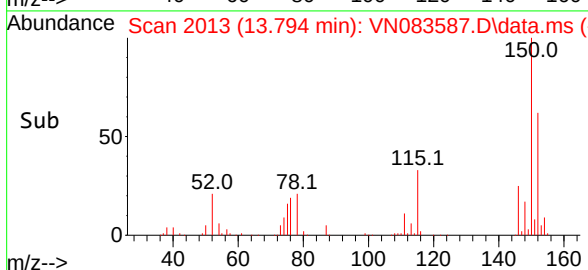
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

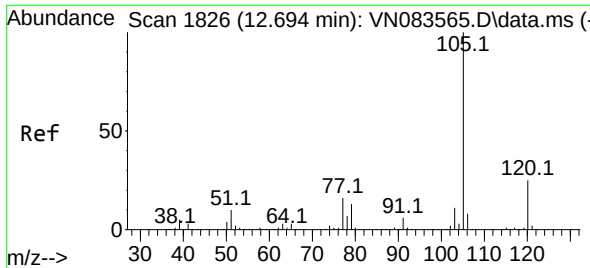


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



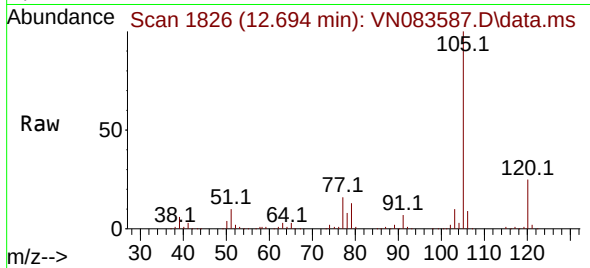
Tgt Ion:152 Resp: 146688
Ion Ratio Lower Upper
152 100
115 64.2 32.2 96.6
150 172.7 0.0 348.6





#73
Isopropylbenzene
Concen: 41.872 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

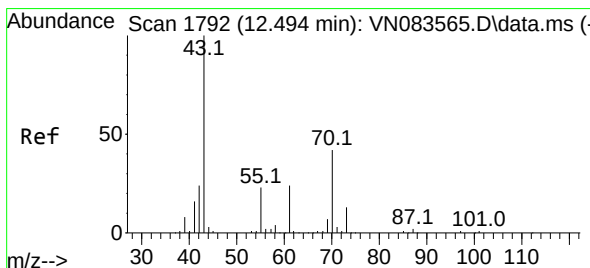
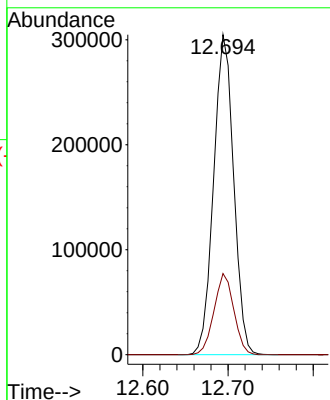
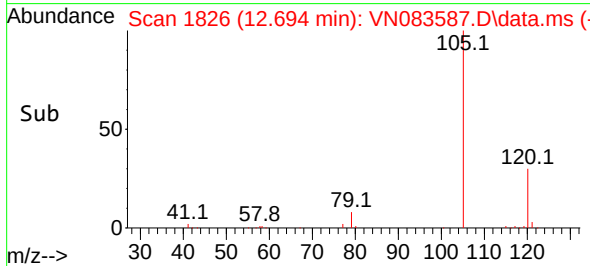
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



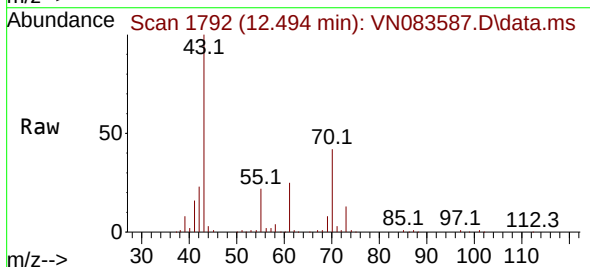
Tgt Ion:105 Resp: 497130
Ion Ratio Lower Upper
105 100
120 25.0 12.6 37.8

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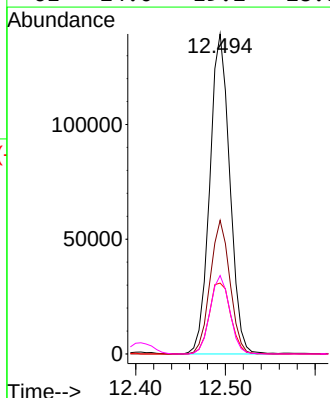
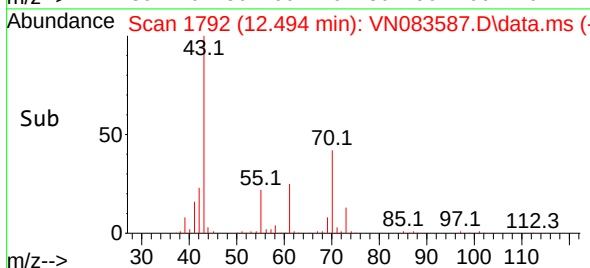
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

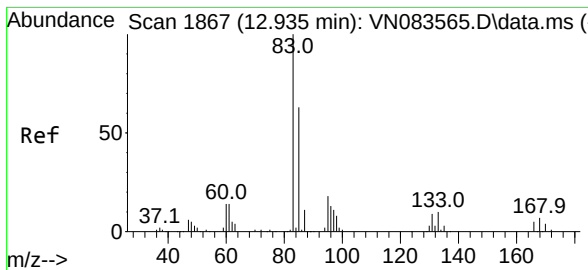


#74
N-ethyl acetate
Concen: 41.964 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



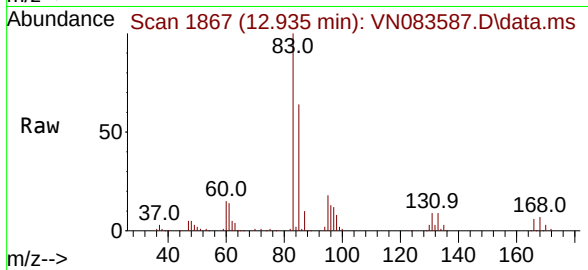
Tgt Ion: 43 Resp: 216250
Ion Ratio Lower Upper
43 100
70 41.3 34.5 51.7
55 23.9 18.6 28.0
61 24.0 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 41.608 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

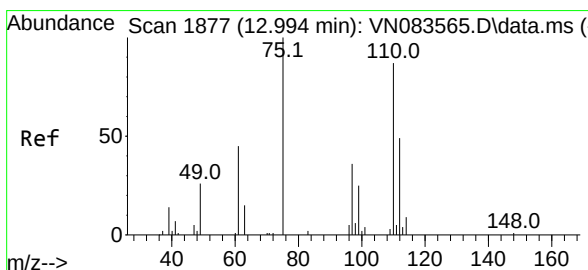
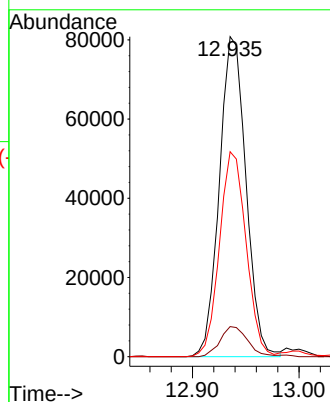
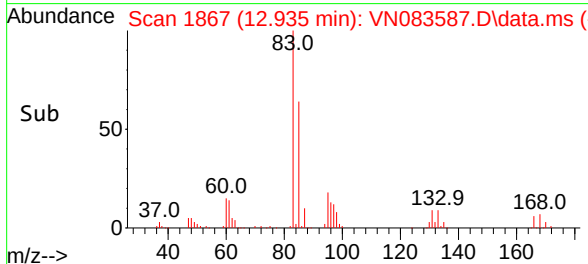
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



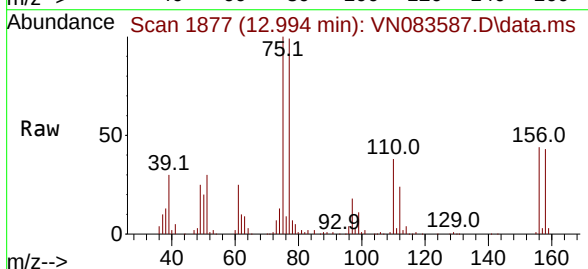
Tgt Ion: 83 Resp: 140240
Ion Ratio Lower Upper
83 100
131 9.9 5.2 15.6
85 64.0 31.9 95.9

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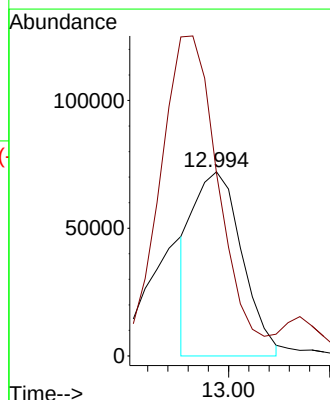
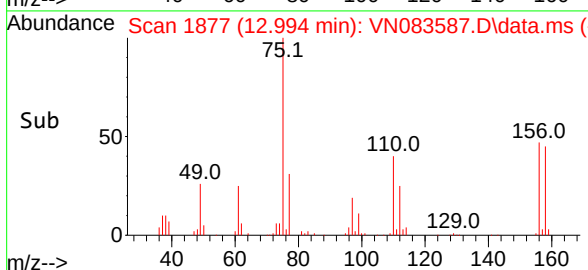
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

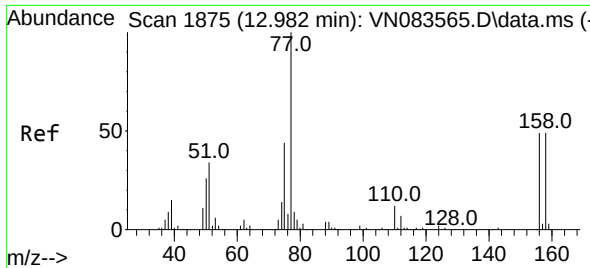


#76
1,2,3-Trichloropropane
Concen: 40.955 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



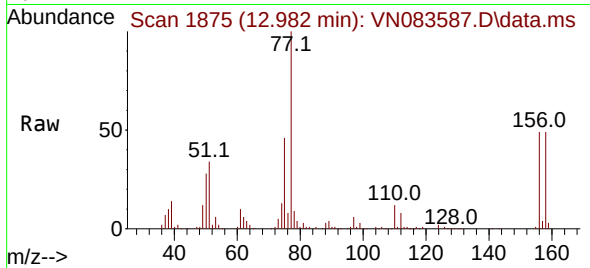
Tgt Ion: 75 Resp: 121294
Ion Ratio Lower Upper
75 100
77 208.8 95.2 285.6





#77
Bromobenzene
Concen: 39.969 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

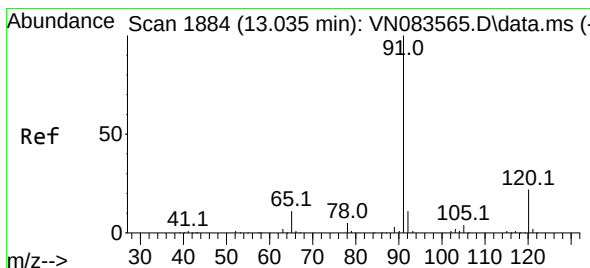
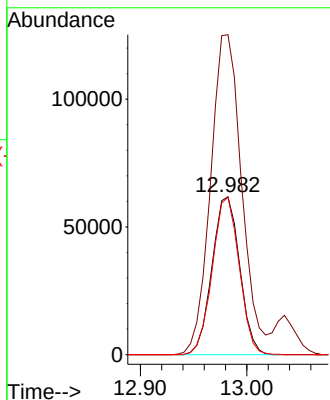
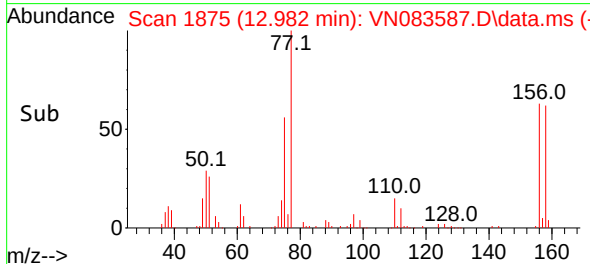
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



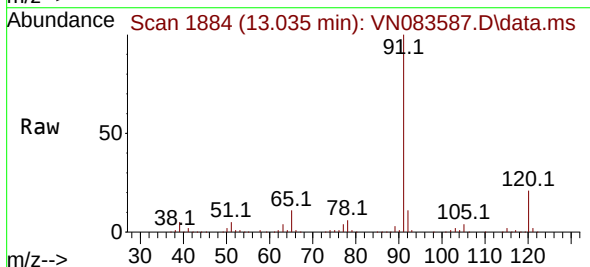
Tgt Ion:156 Resp: 11133
Ion Ratio Lower Upper
156 100
77 227.5 114.3 343.1
158 96.9 48.9 146.7

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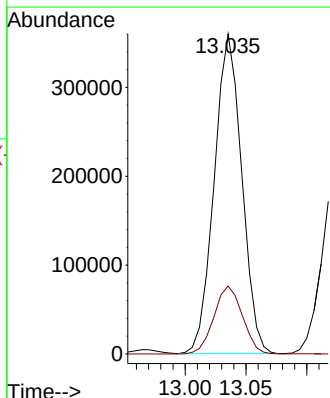
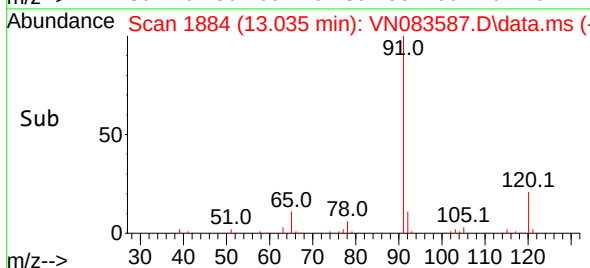
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

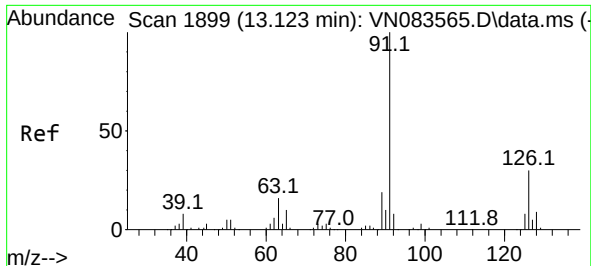


#78
n-propylbenzene
Concen: 41.287 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



Tgt Ion: 91 Resp: 566745
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0





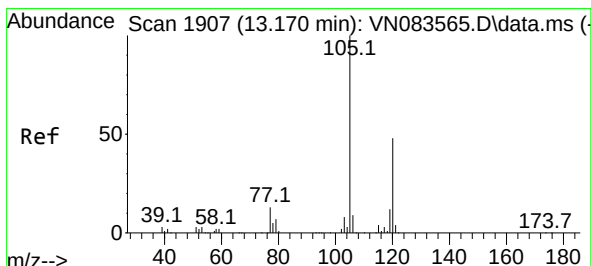
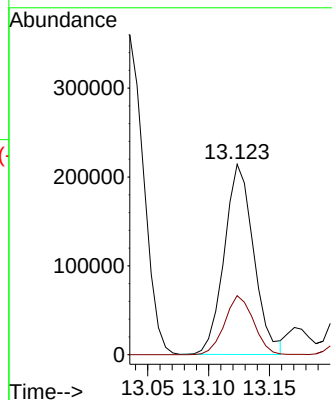
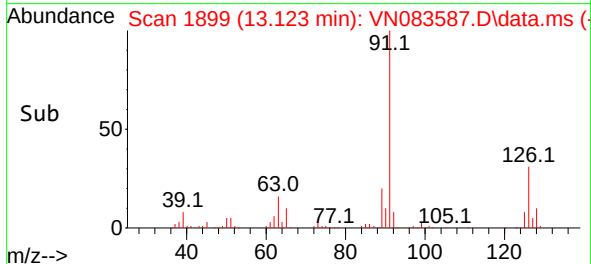
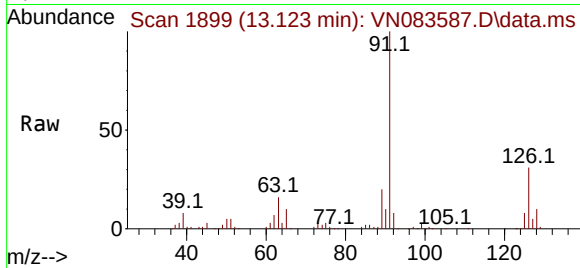
#79
2-Chlorotoluene
Concen: 40.538 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 36058
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.2

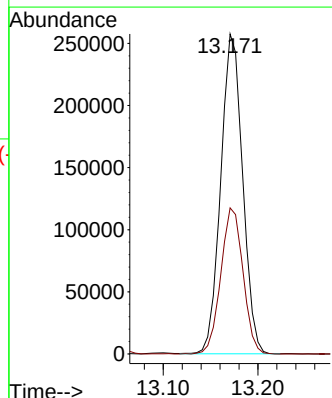
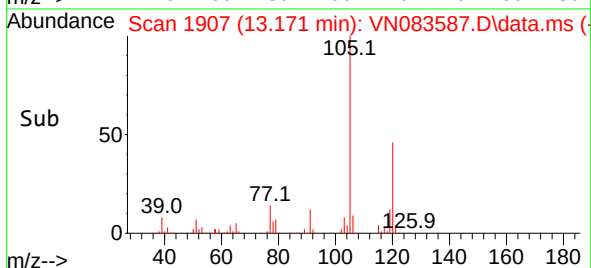
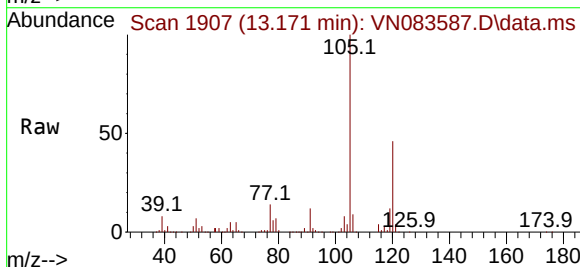
Manual Integrations
APPROVED

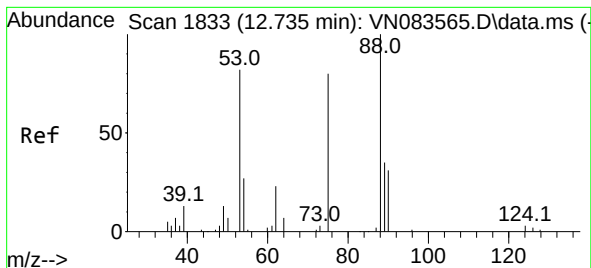
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#80
1,3,5-Trimethylbenzene
Concen: 41.361 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

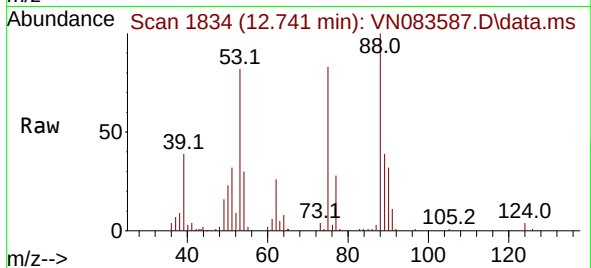
Tgt Ion:105 Resp: 413685
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 38.290 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

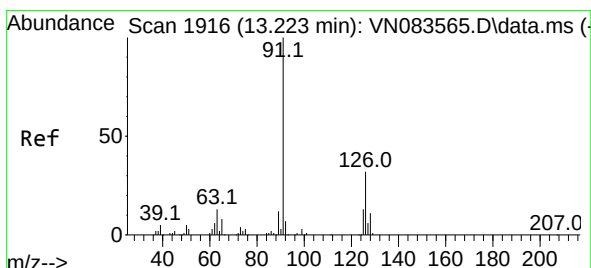
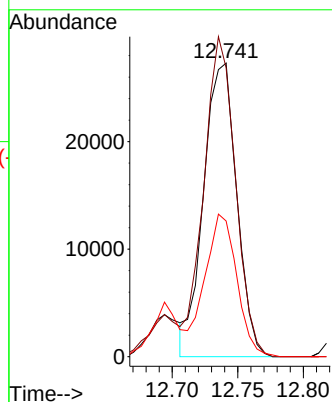
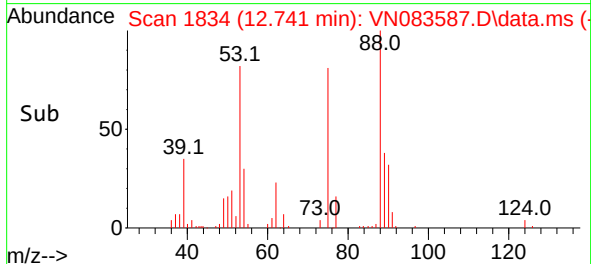
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 48080
Ion Ratio Lower Upper
75 100
53 104.0 81.2 121.8
89 46.2 35.7 53.5

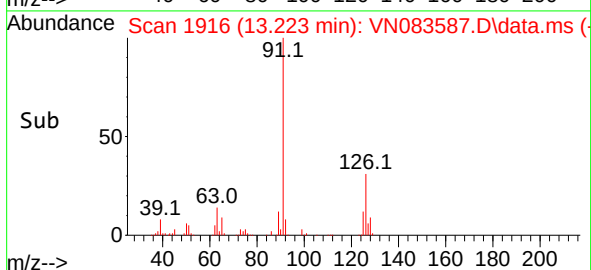
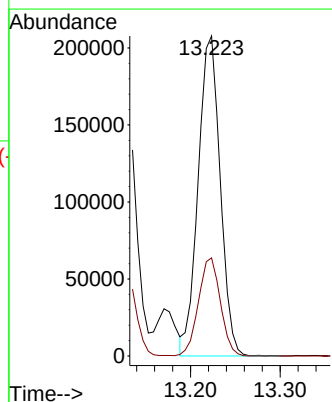
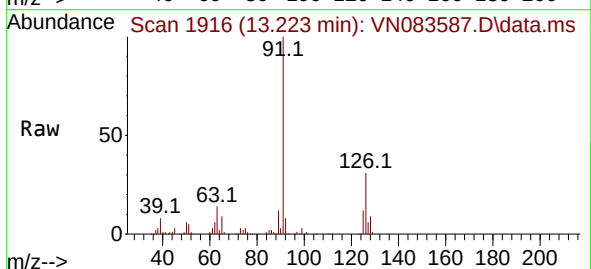
Manual Integrations
APPROVED

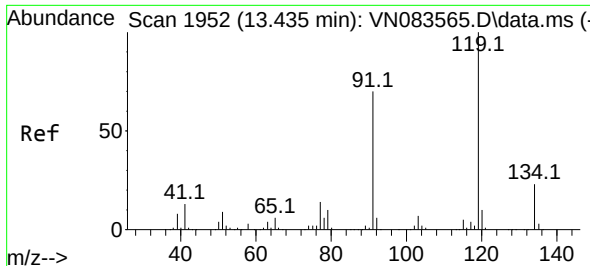
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#82
4-Chlorotoluene
Concen: 39.210 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

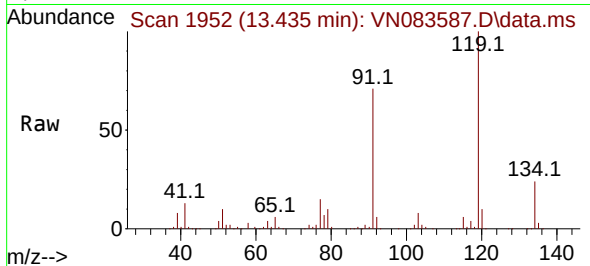
Tgt Ion: 91 Resp: 354318
Ion Ratio Lower Upper
91 100
126 30.5 15.4 46.2





#83
tert-Butylbenzene
Concen: 41.542 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

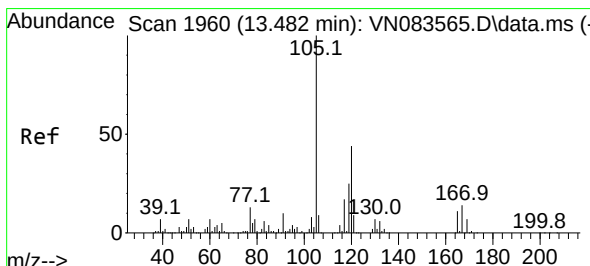
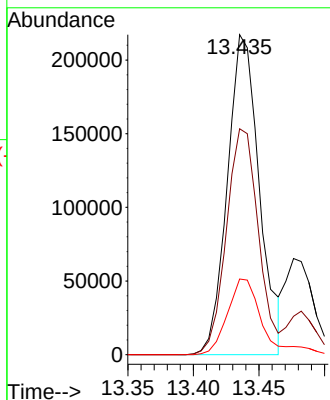
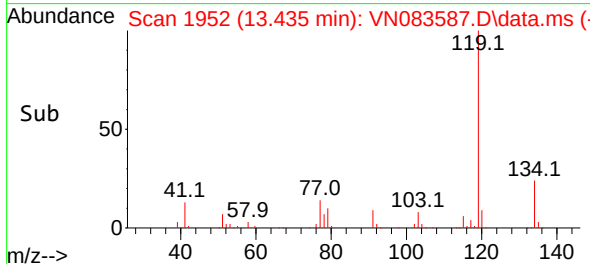
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



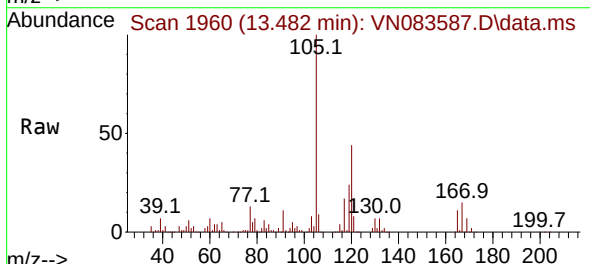
Tgt Ion:119 Resp: 369400
Ion Ratio Lower Upper
119 100
91 70.6 34.5 103.6
134 25.7 12.8 38.4

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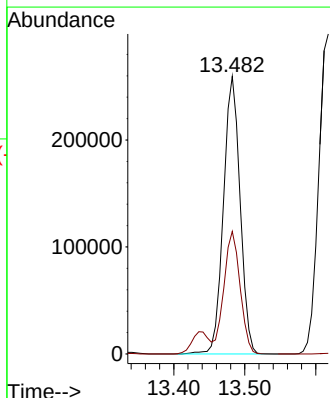
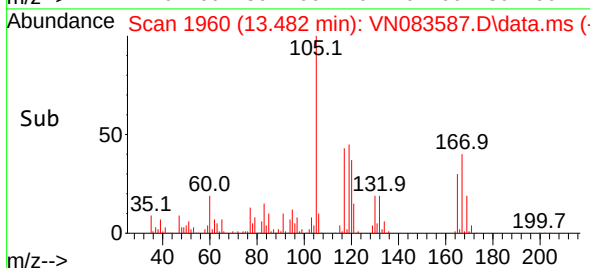
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

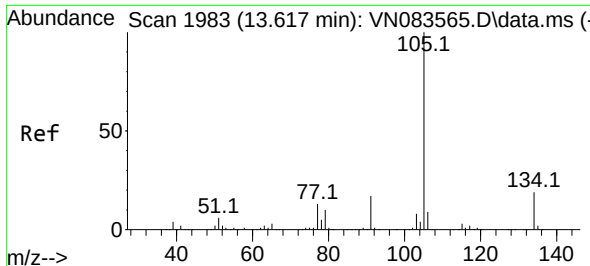


#84
1,2,4-Trimethylbenzene
Concen: 41.854 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



Tgt Ion:105 Resp: 421359
Ion Ratio Lower Upper
105 100
120 43.3 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 41.570 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083587.D
 Acq: 30 Aug 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

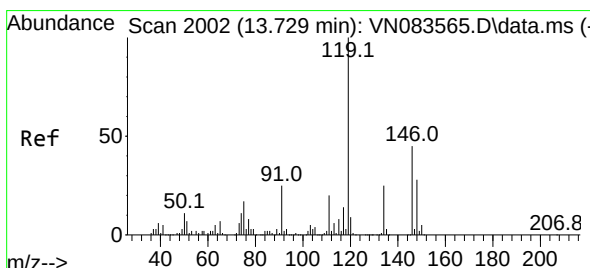
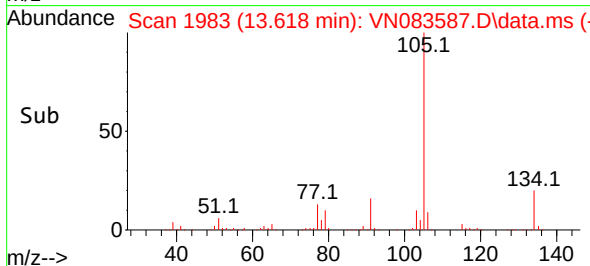
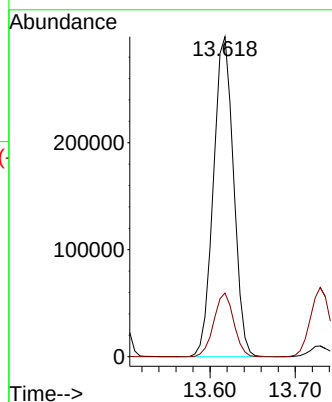
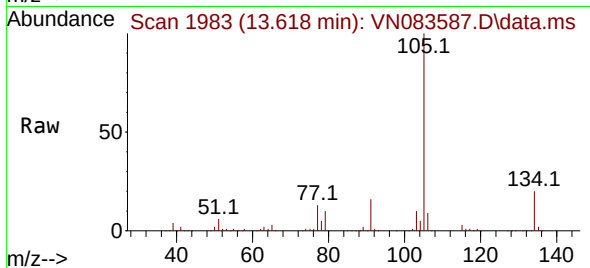
VSTDCCC050EC

Tgt Ion:105 Resp: 49132
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 29.1

Manual Integrations

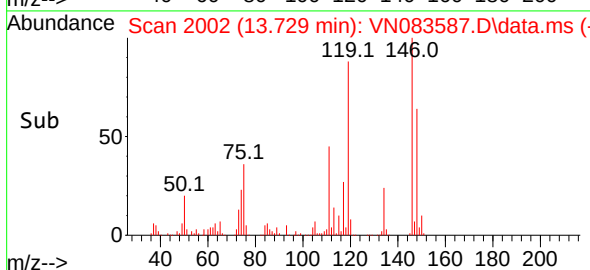
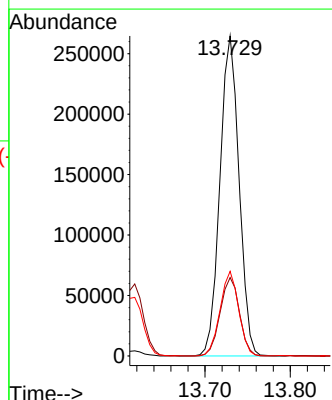
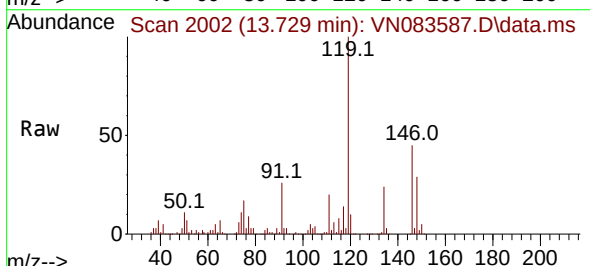
APPROVED

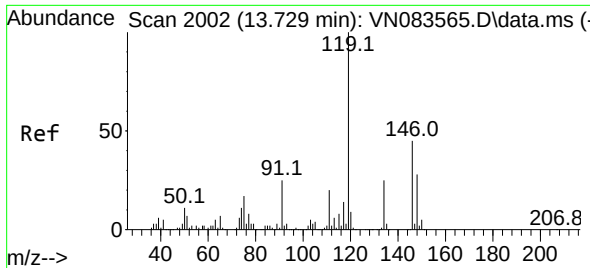
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#86
 p-Isopropyltoluene
 Concen: 41.776 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083587.D
 Acq: 30 Aug 2024 19:57

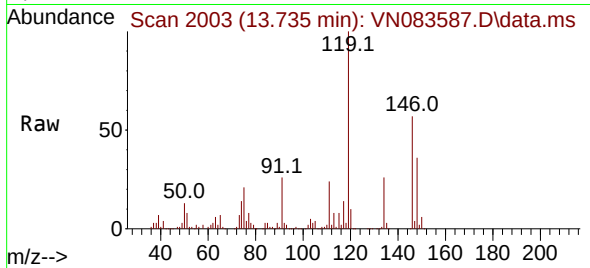
Tgt Ion:119 Resp: 412395
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.8 38.3
 91 25.7 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 38.198 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

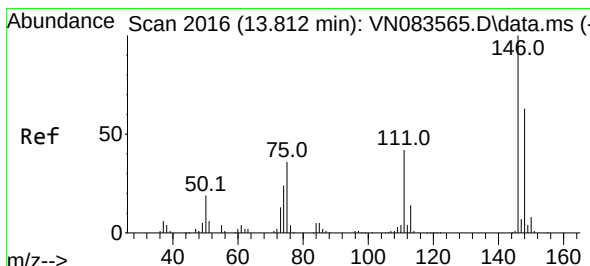
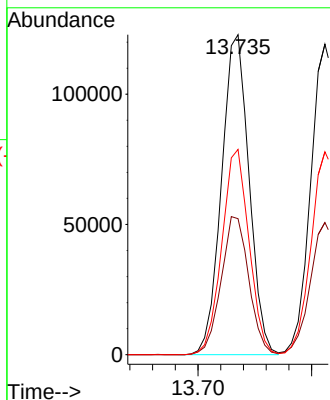
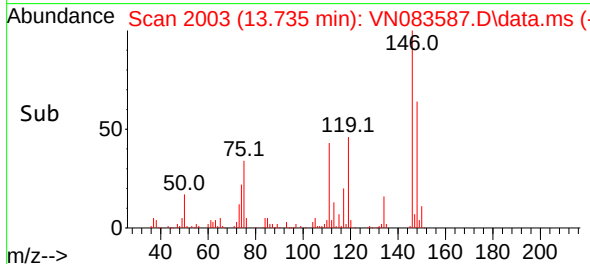
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 20654
Ion Ratio Lower Upper
146 100
111 43.5 21.7 65.1
148 63.4 31.7 95.1

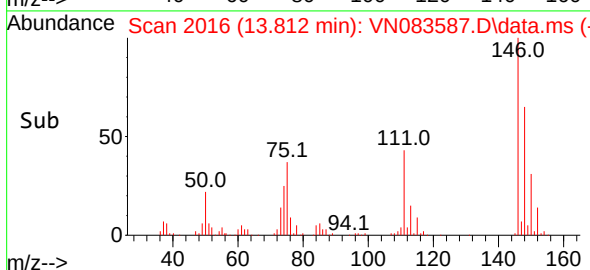
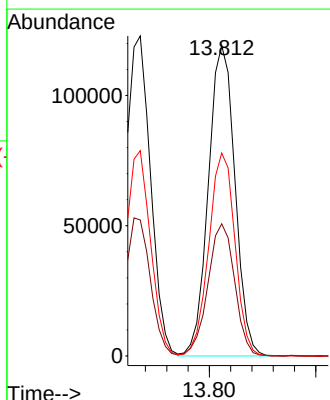
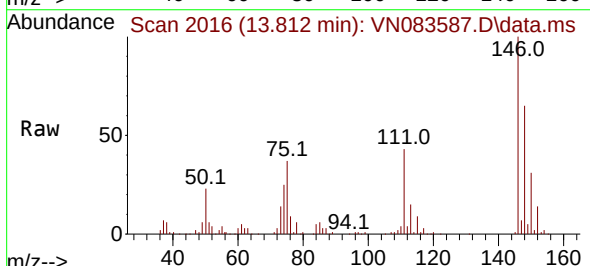
Manual Integrations
APPROVED

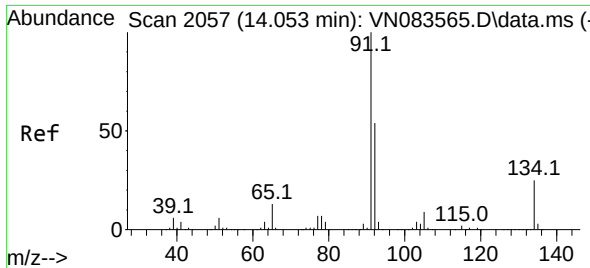
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#88
1,4-Dichlorobenzene
Concen: 37.190 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Tgt Ion:146 Resp: 206622
Ion Ratio Lower Upper
146 100
111 42.8 21.3 64.0
148 64.4 32.0 96.2





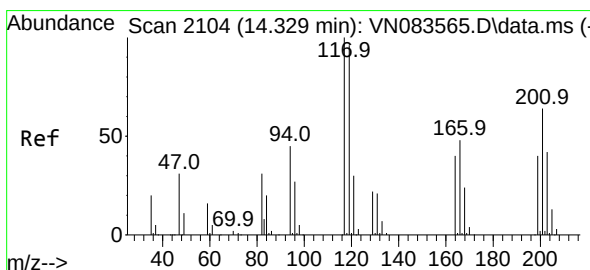
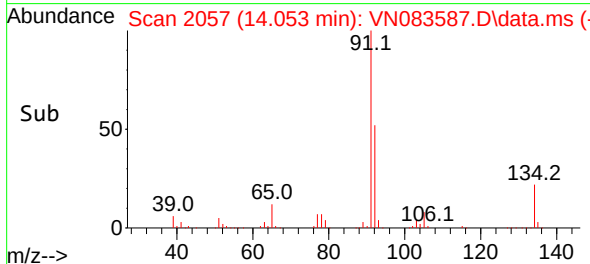
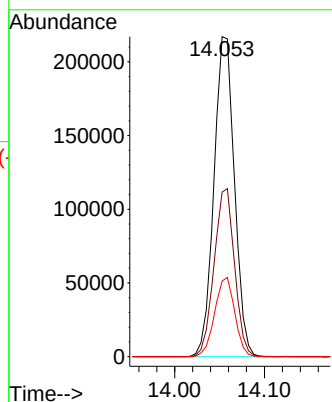
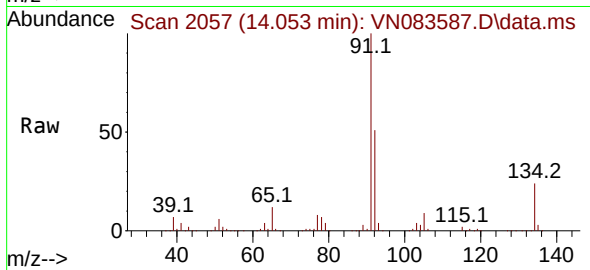
#89
n-Butylbenzene
Concen: 39.721 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 34491
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 24.2 12.2 36.4

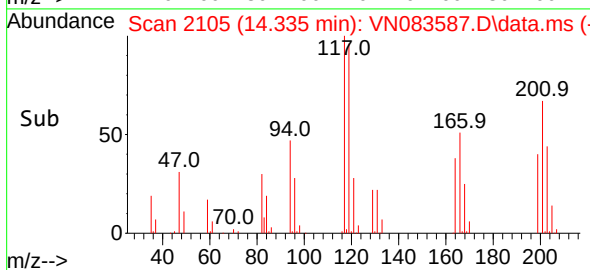
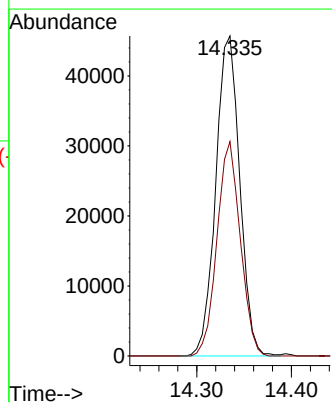
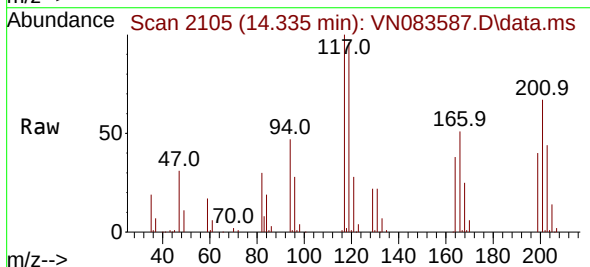
Manual Integrations
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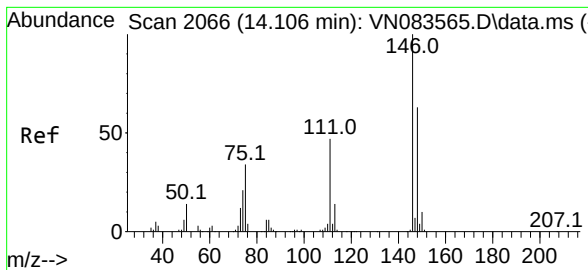
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#90
Hexachloroethane
Concen: 41.945 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Tgt Ion:117 Resp: 80598
Ion Ratio Lower Upper
117 100
201 65.0 32.8 98.3





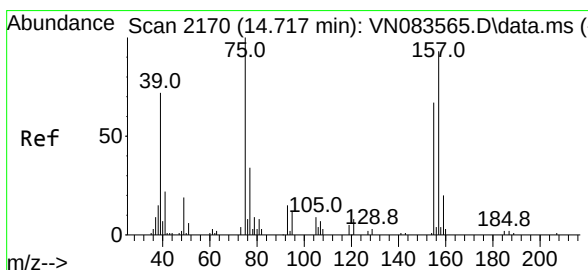
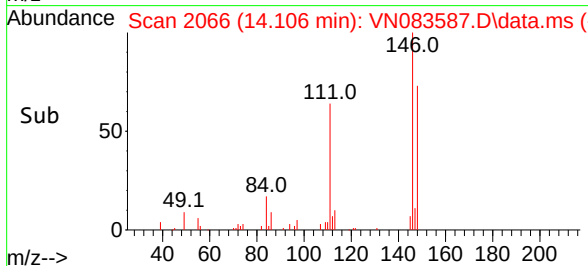
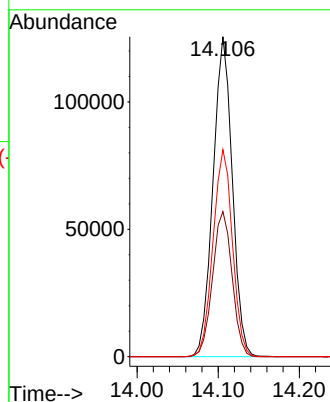
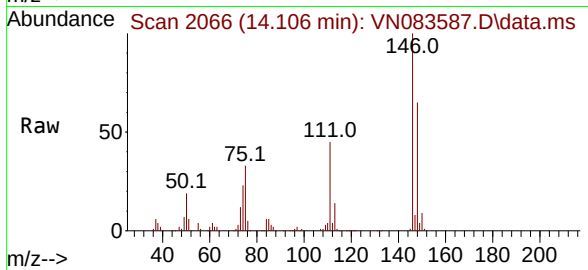
#91
1,2-Dichlorobenzene
Concen: 39.802 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 20725
Ion Ratio Lower Upper
146 100
111 45.8 22.8 68.3
148 65.1 32.1 96.5

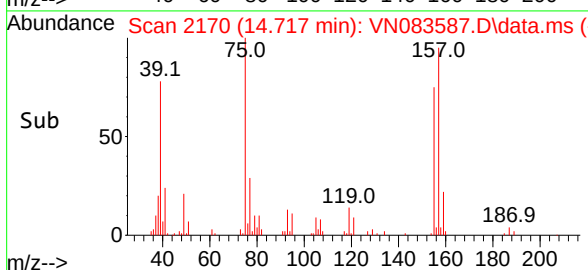
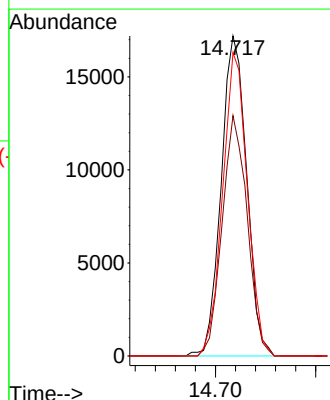
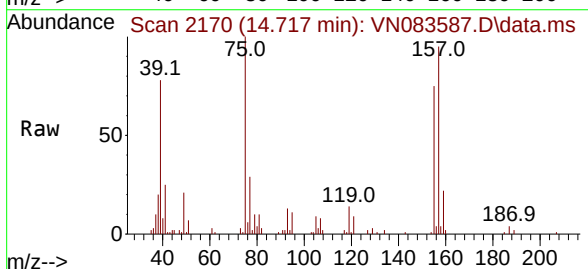
Manual Integrations
APPROVED

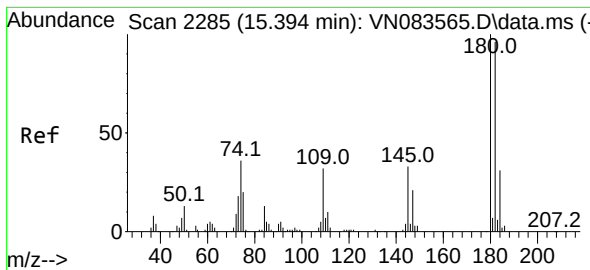
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.422 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

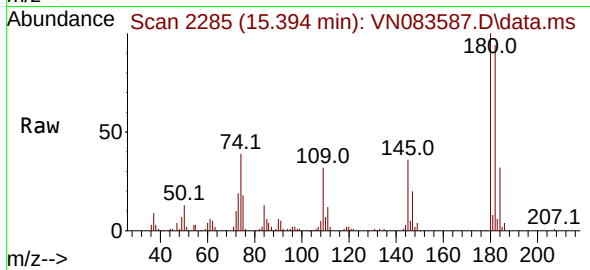
Tgt Ion: 75 Resp: 30279
Ion Ratio Lower Upper
75 100
155 73.9 35.9 107.7
157 91.9 47.5 142.5





#93
1,2,4-Trichlorobenzene
Concen: 35.807 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57

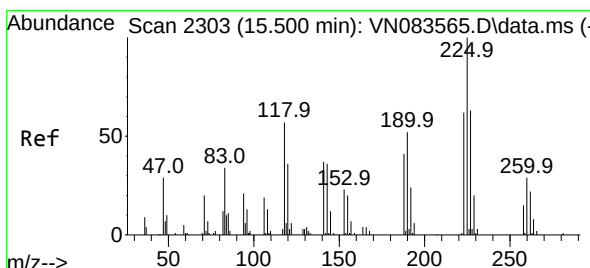
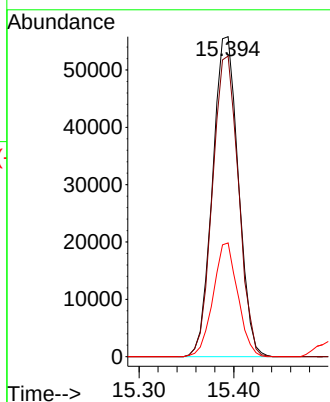
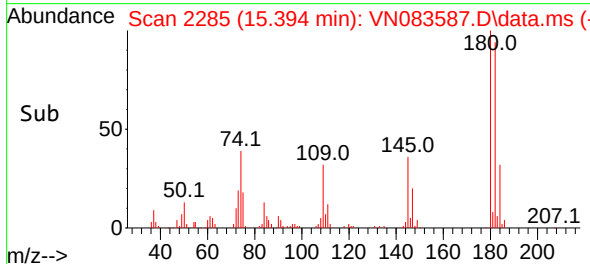
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



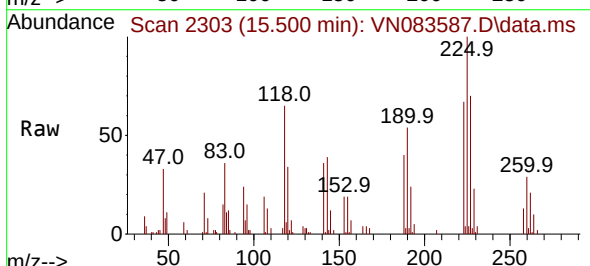
Tgt Ion:180 Resp: 105729
Ion Ratio Lower Upper
180 100
182 94.3 48.1 144.3
145 34.0 16.9 50.7

Manual Integrations
APPROVED

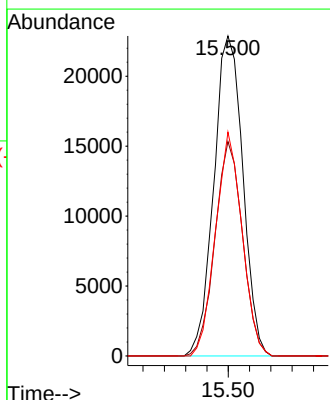
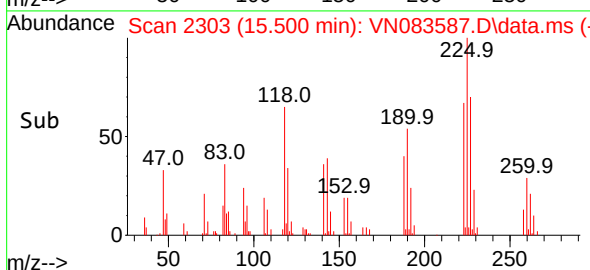
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

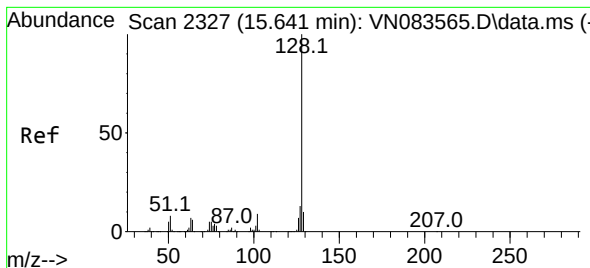


#94
Hexachlorobutadiene
Concen: 36.590 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083587.D
Acq: 30 Aug 2024 19:57



Tgt Ion:225 Resp: 43267
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.5
227 63.9 32.0 96.2





#95

Naphthalene

Concen: 37.340 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 35424

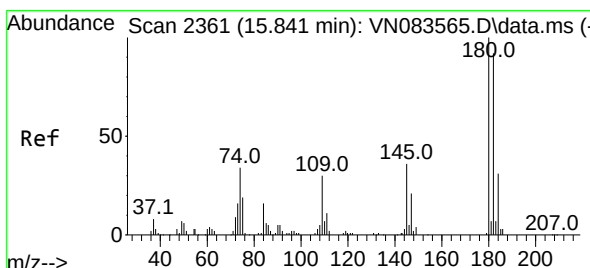
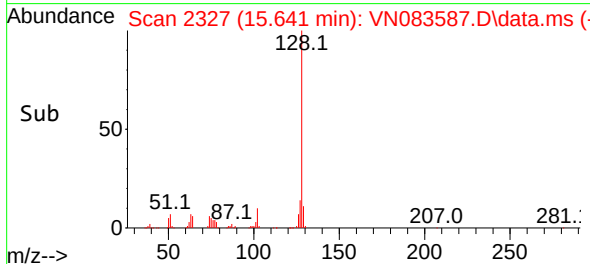
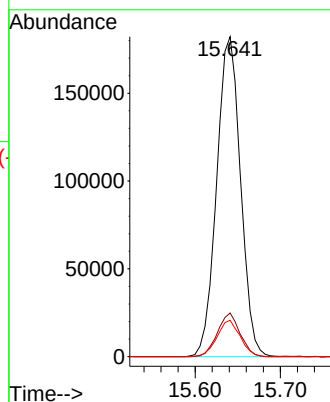
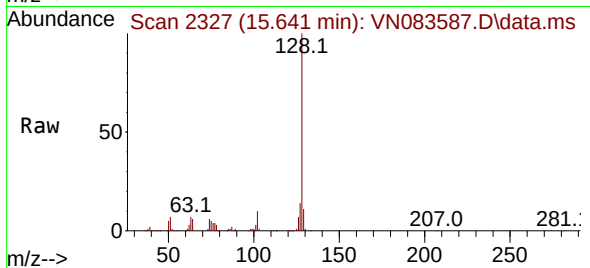
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#96

1,2,3-Trichlorobenzene

Concen: 35.642 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083587.D

Acq: 30 Aug 2024 19:57

Tgt Ion:180 Resp: 105131

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.1	141.4
145	35.1	17.8	53.5

