

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083755.D
 Acq On : 10 Sep 2024 16:31
 Operator : JC\MD
 Sample : P3845-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Sep 11 03:15:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 02:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109081	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109513	48.099	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.200%
35) Dibromofluoromethane	8.165	113	76624	45.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	10.565	98	281694	48.617	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.240%
62) 4-Bromofluorobenzene	12.847	95	106649	44.613	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.220%

Target Compounds				Qvalue		
3) Chloromethane	2.354	50	2059	Below Cal		94
4) Vinyl Chloride	2.512	62	66608	34.654	ug/l	93
5) Bromomethane	2.901	94	52315	47.405	ug/l	96
11) Tert butyl alcohol	5.536	59	469	1.538	ug/l #	71
13) Acrolein	4.171	56	135	0.449	ug/l #	13
15) Acrylonitrile	5.783	53	4745	5.723	ug/l #	38
16) Acetone	4.424	43	37510	41.097	ug/l	92
17) Carbon Disulfide	4.706	76	1940	0.425	ug/l #	75
18) Methyl Acetate	5.018	43	484	Below Cal	#	52
19) Methyl tert-butyl Ether	5.789	73	438713	74.233	ug/l	100
20) Methylene Chloride	5.259	84	1170	0.626	ug/l #	68
21) trans-1,2-Dichloroethene	5.777	96	178621	102.053	ug/l	92
25) 2-Butanone	7.483	43	108831	90.721	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	43853	21.106	ug/l	90
28) Bromochloromethane	7.965	49	7236	4.979	ug/l #	14
30) Chloroform	7.959	83	83841	22.882	ug/l	92
31) Cyclohexane	8.218	56	3968	1.206	ug/l #	21
36) 1,1-Dichloropropene	8.218	75	13692	5.428	ug/l #	49
37) Ethyl Acetate	7.483	43	108831	47.528	ug/l #	32
38) Carbon Tetrachloride	8.224	117	17278	6.037	ug/l #	16
40) Benzene	8.606	78	313354	41.269	ug/l	99
42) 1,2-Dichloroethane	8.665	62	398133	140.325	ug/l	100
44) Trichloroethene	9.347	130	101604	57.784	ug/l	97
45) 1,2-Dichloropropane	9.618	63	38320	20.881	ug/l	93
46) Dibromomethane	9.706	93	19897	15.479	ug/l	98
47) Bromodichloromethane	9.888	83	259885	93.420	ug/l	99
48) Methyl methacrylate	9.618	41	25992	13.203	ug/l #	39
49) 1,4-Dioxane	9.883	88	115	3.551	ug/l #	14
51) 4-Methyl-2-Pentanone	10.382	43	660	0.292	ug/l #	36
52) Toluene	10.630	92	466878	100.525	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	300615	106.609	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	318425	107.504	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	366	0.211	ug/l #	38
57) 1,3-Dichloropropane	11.159	76	794	0.266	ug/l #	87
58) 2-Chloroethyl Vinyl ether	10.159	63	782	0.814	ug/l #	46
59) 2-Hexanone	11.194	43	553	0.331	ug/l	64

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

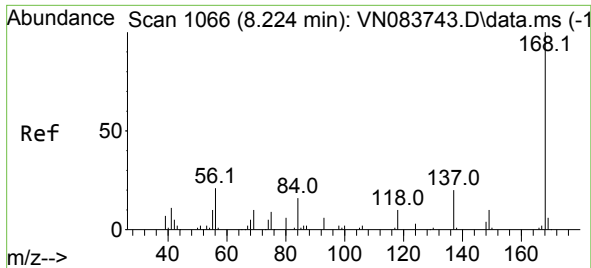
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

60) Dibromochloromethane	11.359	129	60591	31.225	ug/l	99
61) 1,2-Dibromoethane	11.465	107	70615	40.836	ug/l	99
65) Chlorobenzene	11.888	112	236345	46.850	ug/l	99
67) Ethyl Benzene	11.965	91	813446	90.770	ug/l	100
68) m/p-Xylenes	12.071	106	90078	27.074	ug/l	98
69) o-Xylene	12.400	106	371425	115.317	ug/l	98
70) Styrene	12.412	104	572589	108.322	ug/l	98
71) Bromoform	12.576	173	92838	78.777	ug/l #	99
76) 1,2,3-Trichloropropane	12.994	75	218806	101.926	ug/l #	1
77) Bromobenzene	12.976	156	729	0.359	ug/l #	1
78) n-propylbenzene	13.035	91	3983	0.406	ug/l #	54
79) 2-Chlorotoluene	13.129	91	2251	0.359	ug/l	89
80) 1,3,5-Trimethylbenzene	13.171	105	220170	30.944	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.847	75	59680	71.015	ug/l #	9
82) 4-Chlorotoluene	13.218	91	3355	0.534	ug/l	82
83) tert-Butylbenzene	13.482	119	13975	2.245	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.482	105	113196	15.838	ug/l	100
85) sec-Butylbenzene	13.482	105	113196	13.711	ug/l #	57
86) p-Isopropyltoluene	13.729	119	2972	0.429	ug/l	86
87) 1,3-Dichlorobenzene	13.735	146	374737	97.746	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	156135	40.221	ug/l	100
89) n-Butylbenzene	14.053	91	3607	0.581	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	51710	13.976	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	65548	132.611	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	2646	1.333	ug/l	97
94) Hexachlorobutadiene	15.506	225	494	0.586	ug/l #	51
95) Naphthalene	15.641	128	451724	74.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	2431	1.281	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

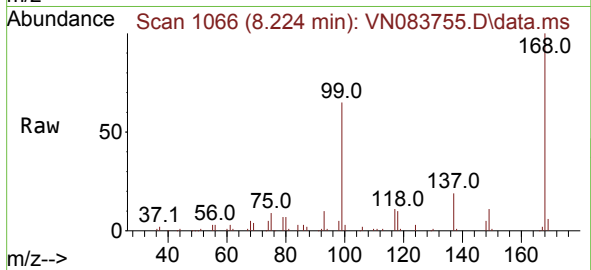
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
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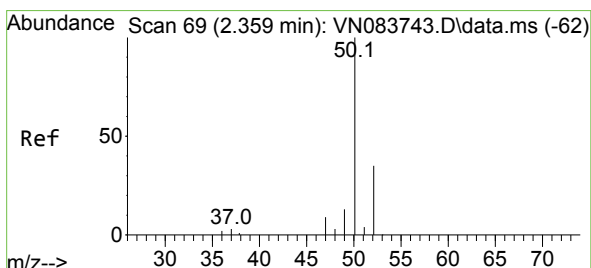
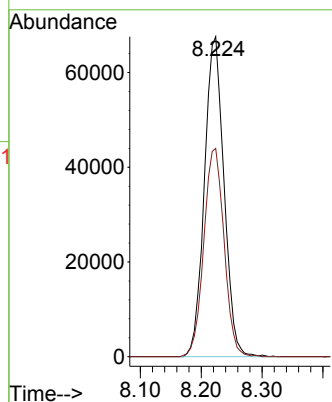
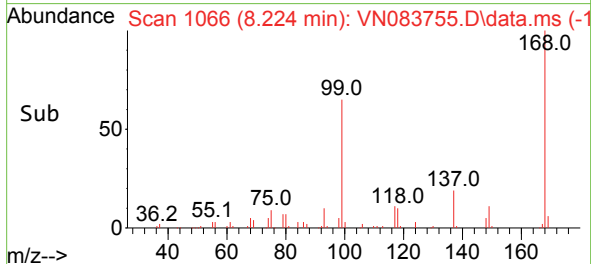


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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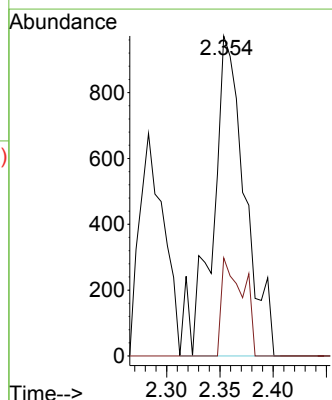
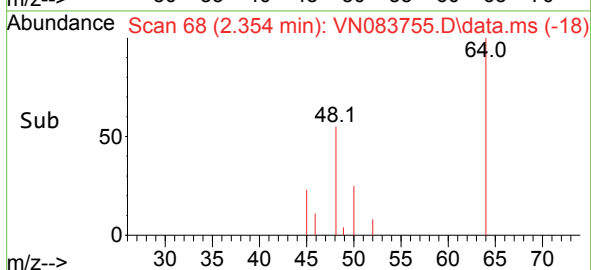
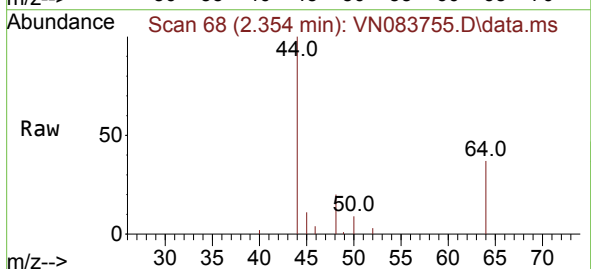


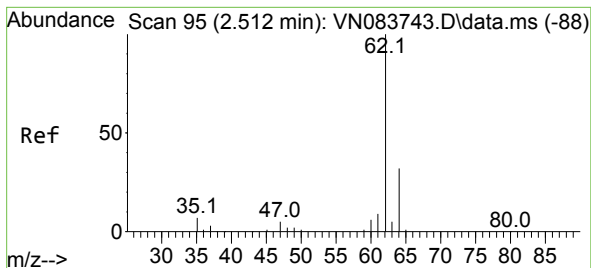
Tgt Ion:168 Resp: 150997
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 50 Resp: 2059
Ion Ratio Lower Upper
50 100
52 30.7 27.2 40.8





#4

Vinyl Chloride

Concen: 34.654 ug/l

RT: 2.512 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

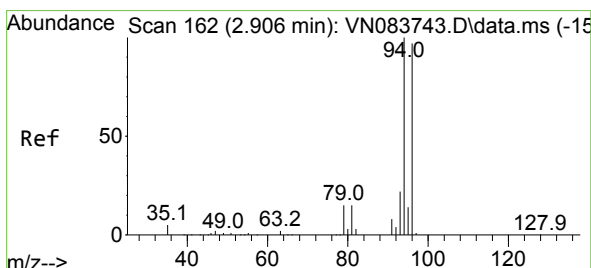
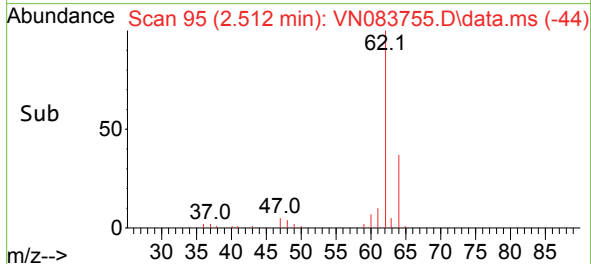
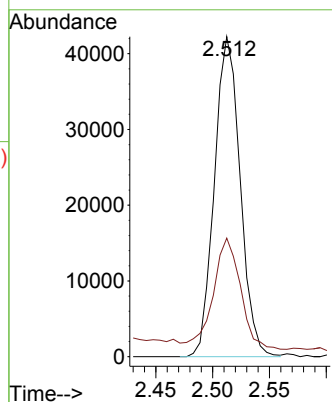
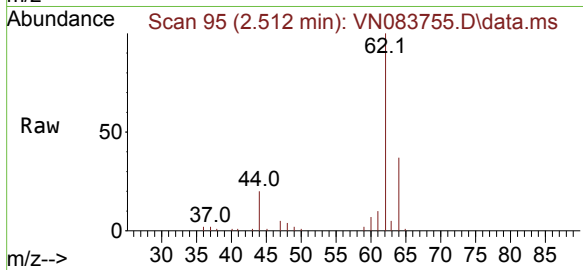
PT-VOA-WP

Tgt Ion: 62 Resp: 66608

Ion Ratio Lower Upper

62 100

64 34.7 24.7 37.1



#5

Bromomethane

Concen: 47.405 ug/l

RT: 2.901 min Scan# 161

Delta R.T. -0.006 min

Lab File: VN083755.D

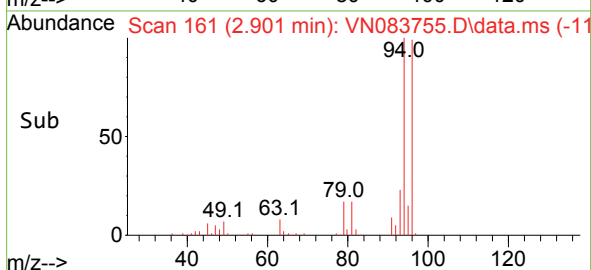
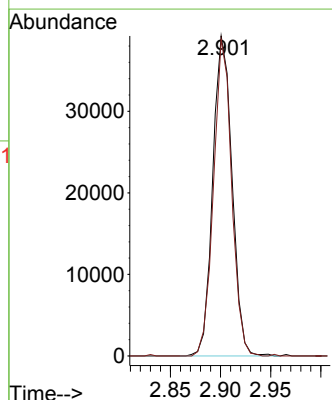
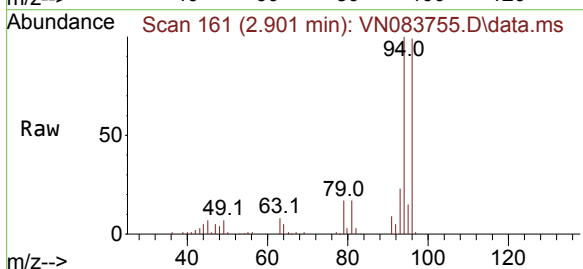
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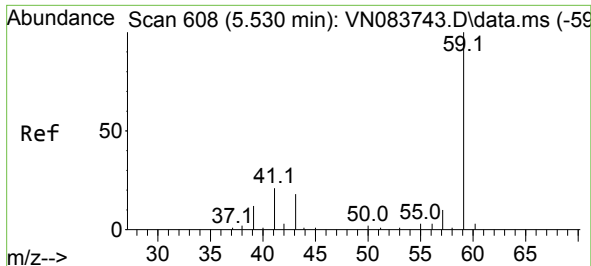
Tgt Ion: 94 Resp: 52315

Ion Ratio Lower Upper

94 100

96 99.0 76.0 114.0

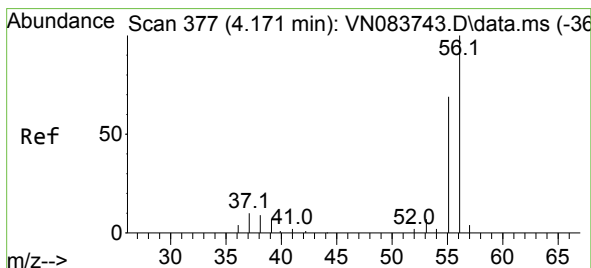
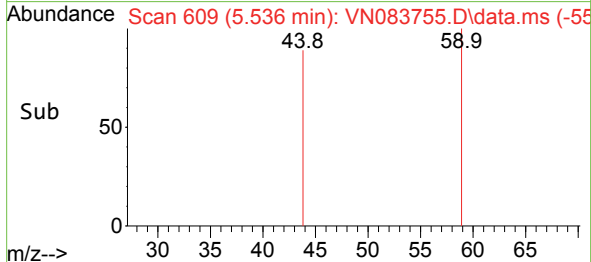
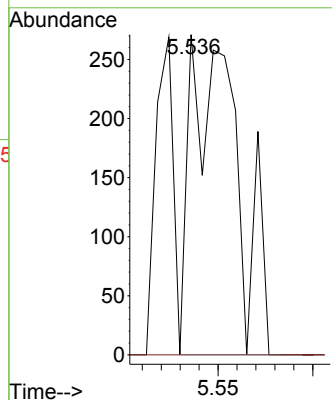
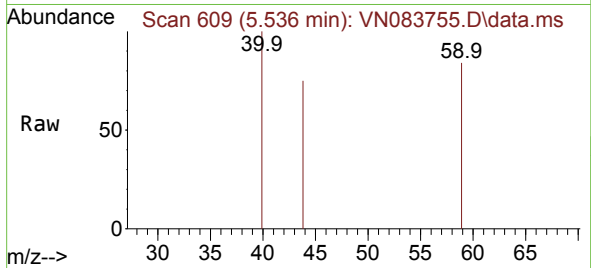




#11
Tert butyl alcohol
Concen: 1.538 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

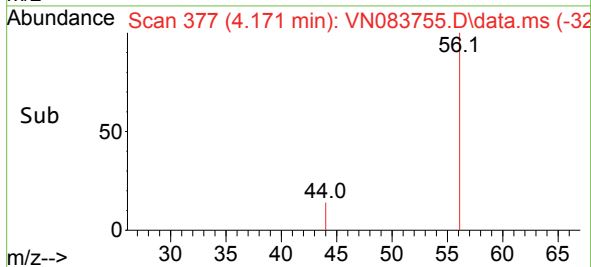
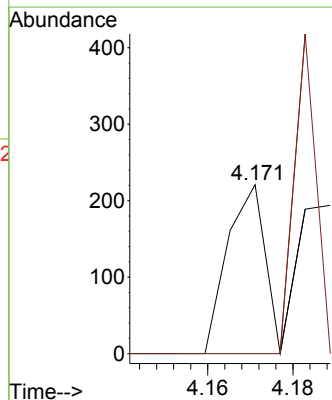
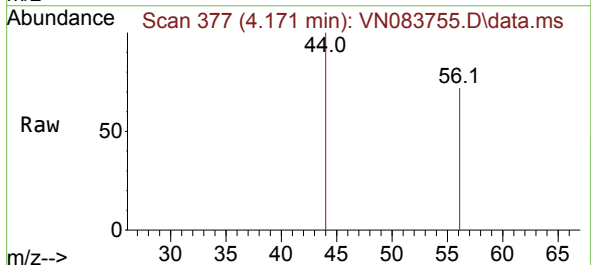
Instrument :
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ClientSampleId :
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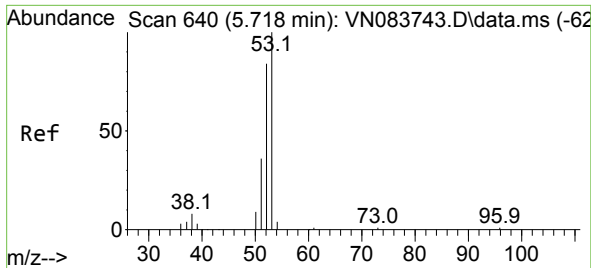
Tgt Ion: 59 Resp: 469
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.449 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#

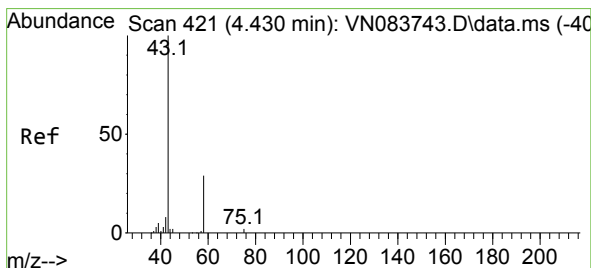
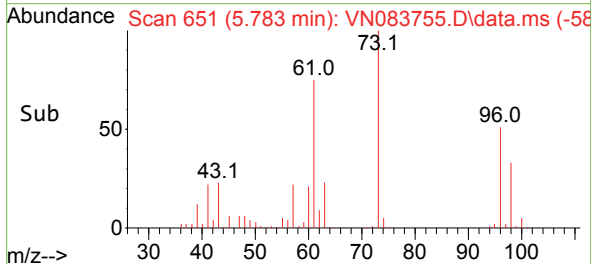
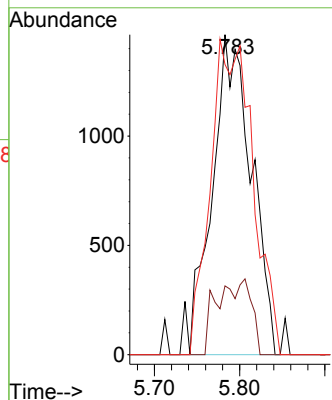
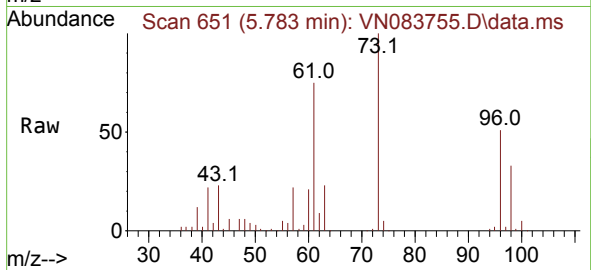




#15
Acrylonitrile
Concen: 5.723 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.065 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

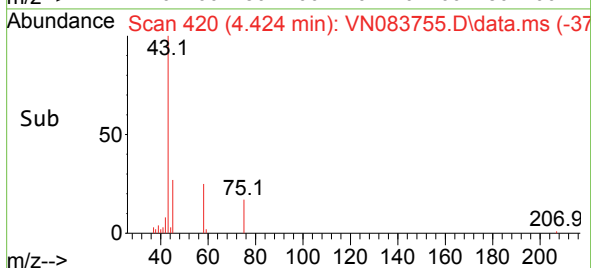
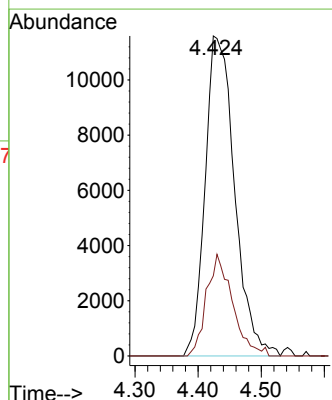
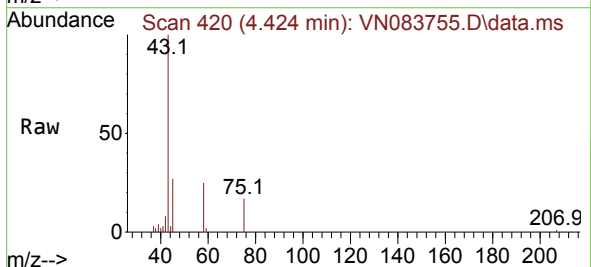
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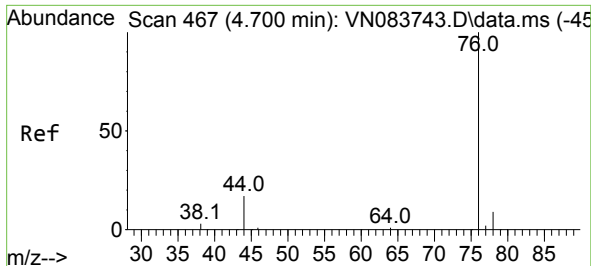
Tgt Ion: 53 Resp: 4745
Ion Ratio Lower Upper
53 100
52 12.0 66.1 99.1#
51 52.4 29.6 44.4#



#16
Acetone
Concen: 41.097 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 43 Resp: 37510
Ion Ratio Lower Upper
43 100
58 25.0 23.7 35.5

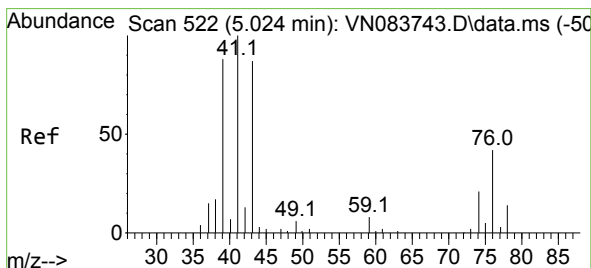
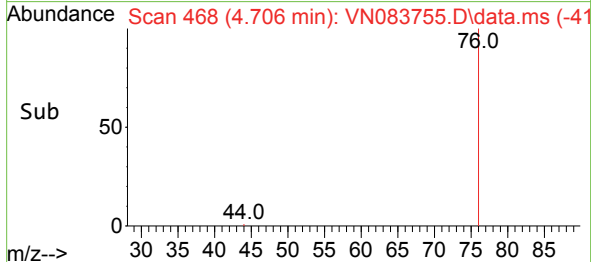
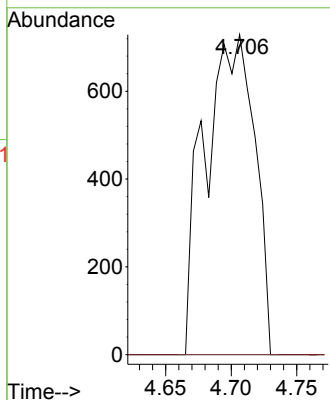
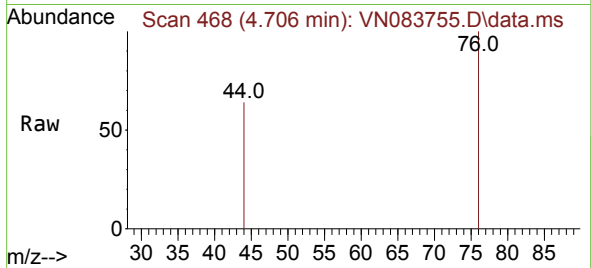




#17
Carbon Disulfide
Concen: 0.425 ug/l
RT: 4.706 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

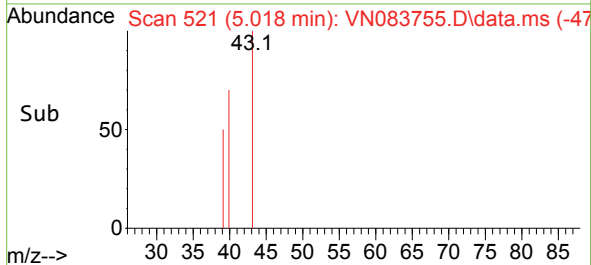
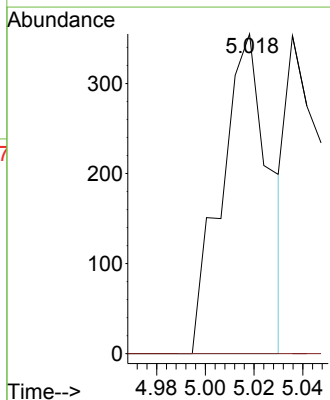
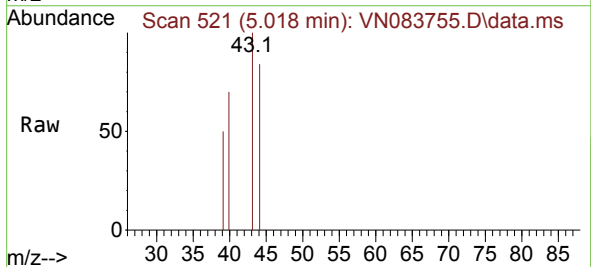
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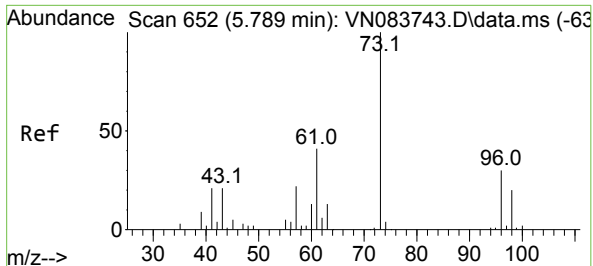
Tgt Ion: 76 Resp: 1940
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

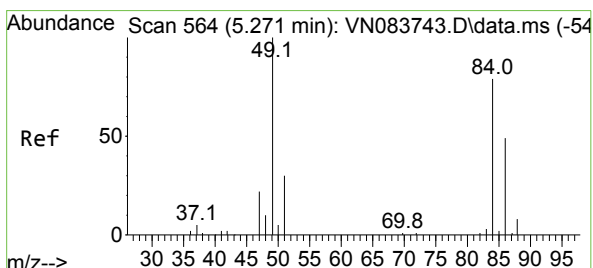
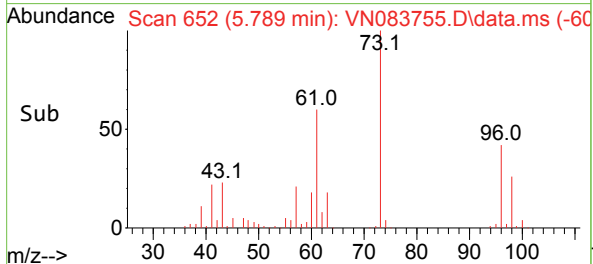
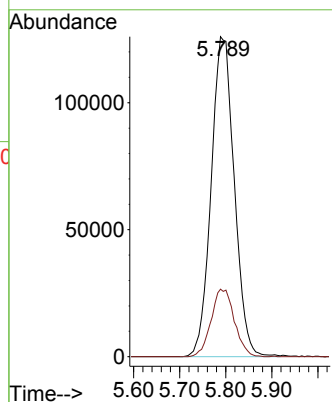
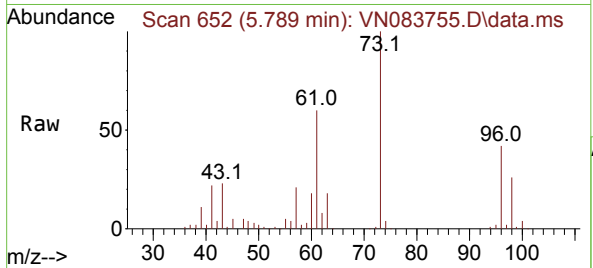




#19
Methyl tert-butyl Ether
Concen: 74.233 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

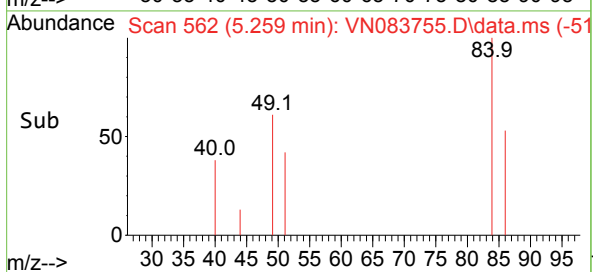
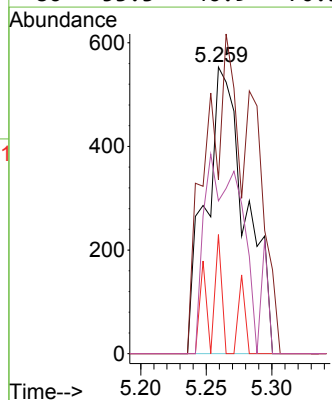
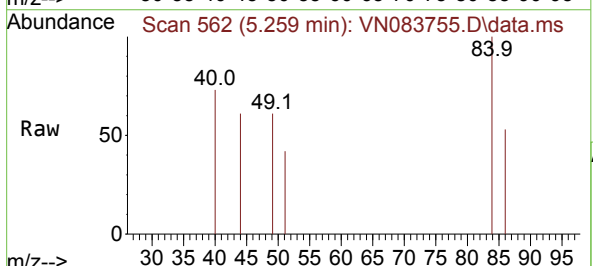
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

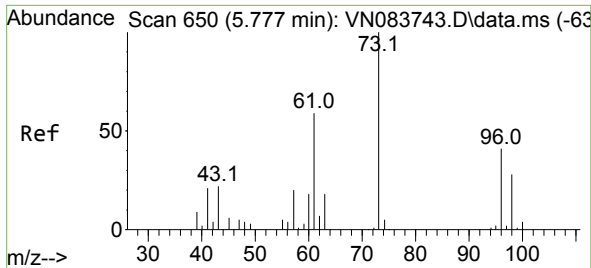
Tgt Ion: 73 Resp: 438713
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.6



#20
Methylene Chloride
Concen: 0.626 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 84 Resp: 1170
Ion Ratio Lower Upper
84 100
49 60.8 93.4 140.0#
51 41.6 29.2 43.8
86 53.3 46.9 70.3

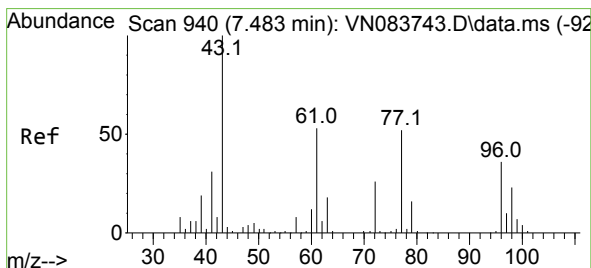
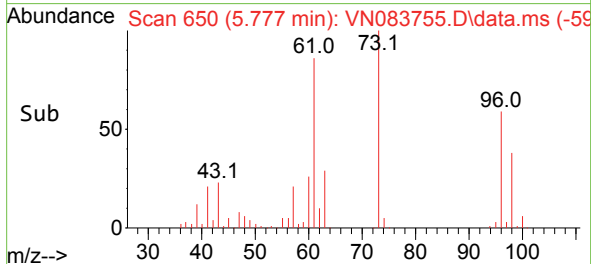
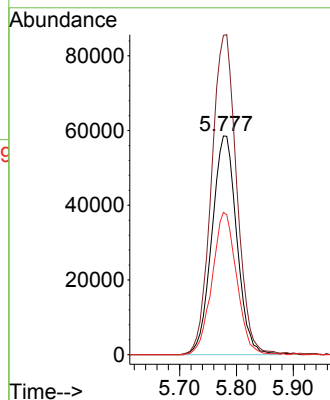
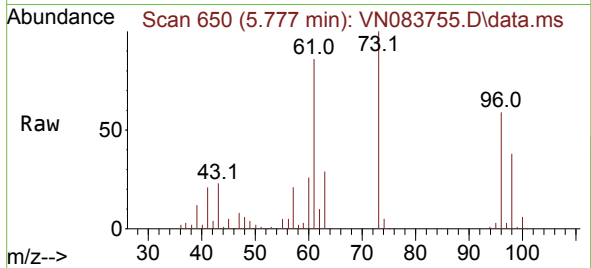




#21
trans-1,2-Dichloroethene
Concen: 102.053 ug/l
RT: 5.777 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

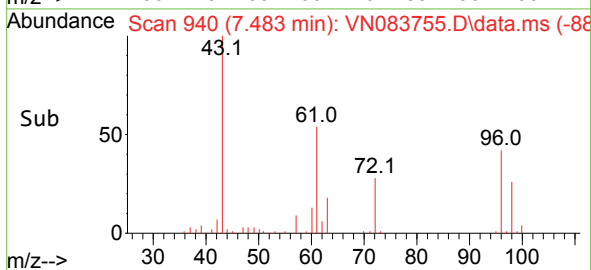
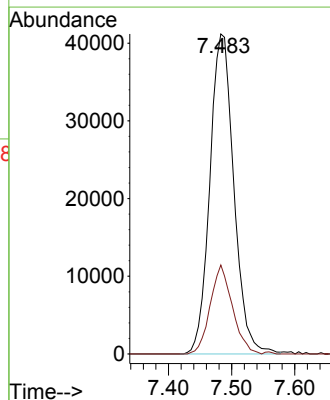
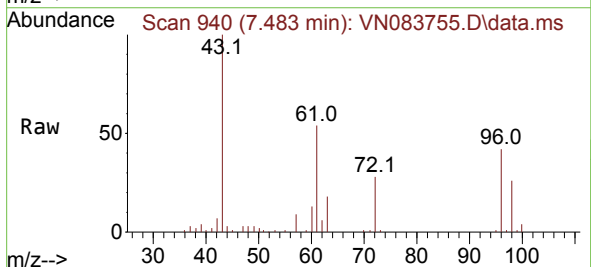
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

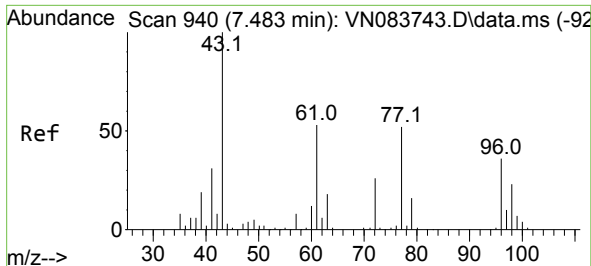
Tgt Ion: 96 Resp: 178621
Ion Ratio Lower Upper
96 100
61 145.9 106.0 159.0
98 65.0 52.2 78.2



#25
2-Butanone
Concen: 90.721 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 43 Resp: 108831
Ion Ratio Lower Upper
43 100
72 27.8 20.8 31.2

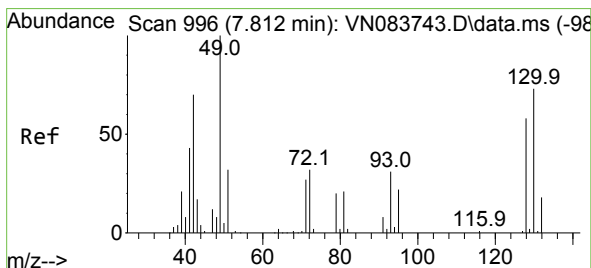
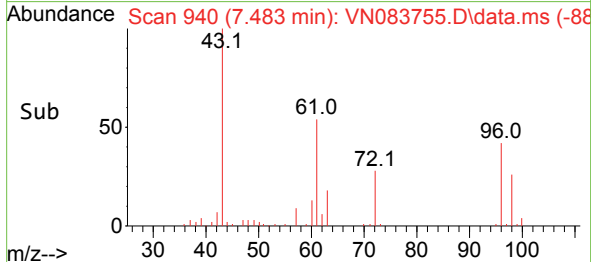
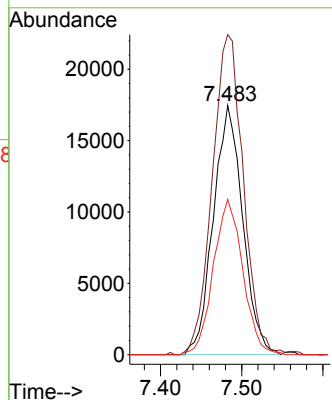
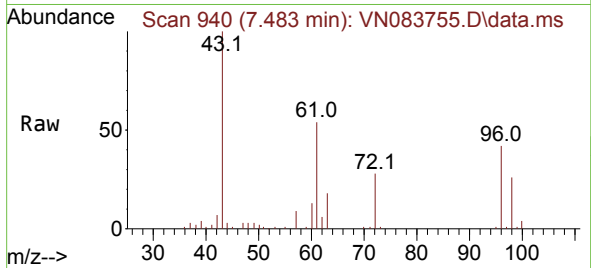




#27
 cis-1,2-Dichloroethene
 Concen: 21.106 ug/l
 RT: 7.483 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VN083755.D
 Acq: 10 Sep 2024 16:31

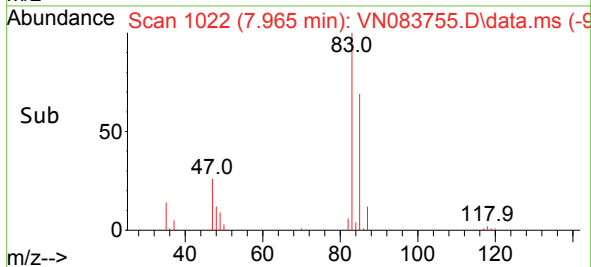
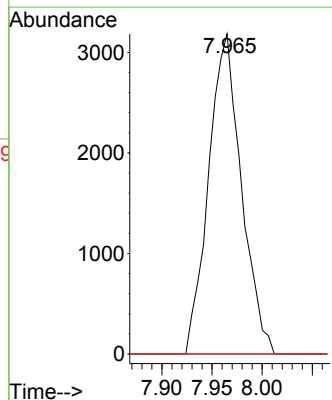
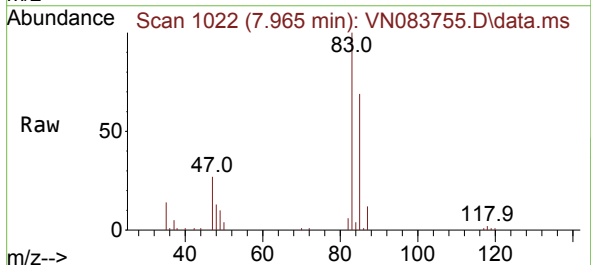
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

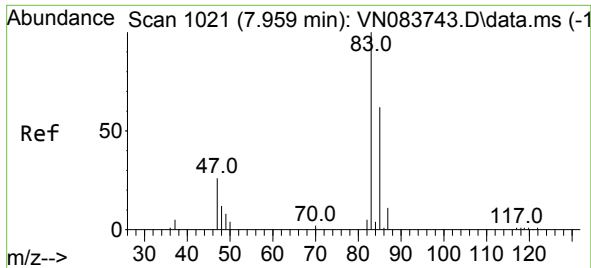
Tgt Ion: 96 Resp: 43853
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 306.2
 98 62.5 0.0 128.6



#28
 Bromochloromethane
 Concen: 4.979 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. 0.153 min
 Lab File: VN083755.D
 Acq: 10 Sep 2024 16:31

Tgt Ion: 49 Resp: 7236
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.4
 130 0.0 60.2 90.2#

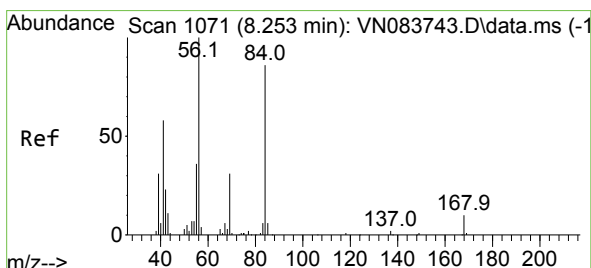
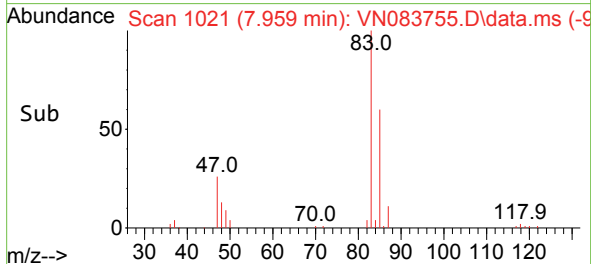
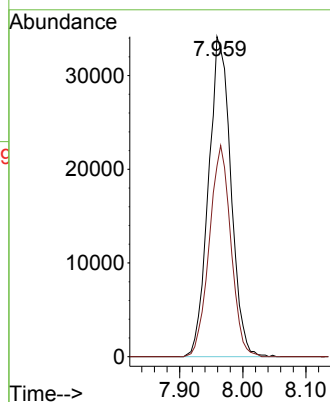
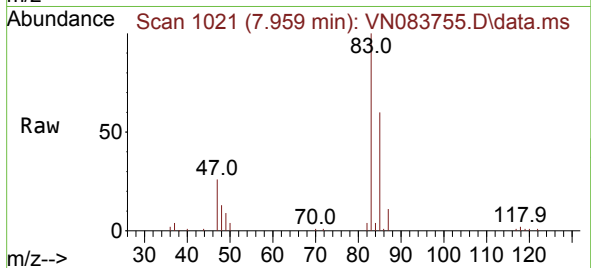




#30
Chloroform
Concen: 22.882 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

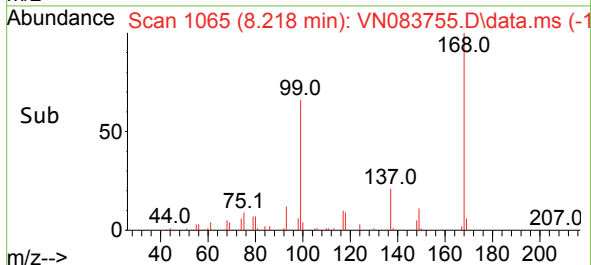
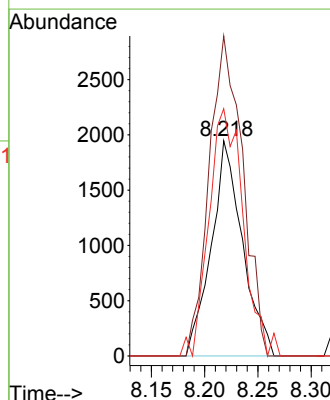
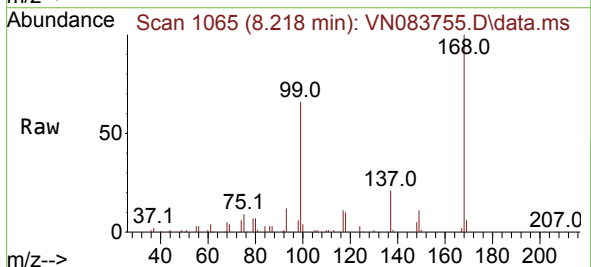
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

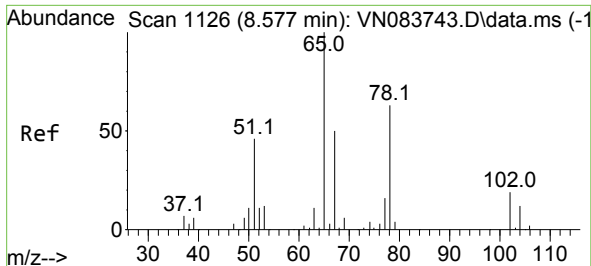
Tgt Ion: 83 Resp: 83841
Ion Ratio Lower Upper
83 100
85 59.6 52.8 79.2



#31
Cyclohexane
Concen: 1.206 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 56 Resp: 3968
Ion Ratio Lower Upper
56 100
69 148.7 26.9 40.3#
84 114.8 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 48.099 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

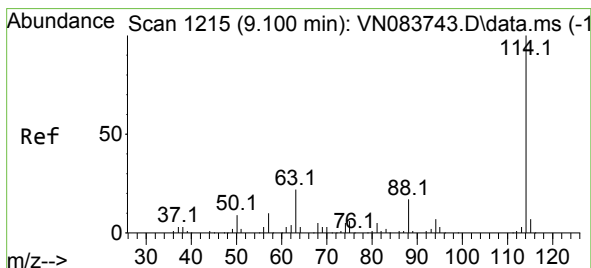
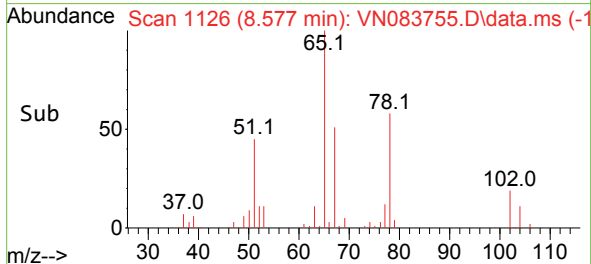
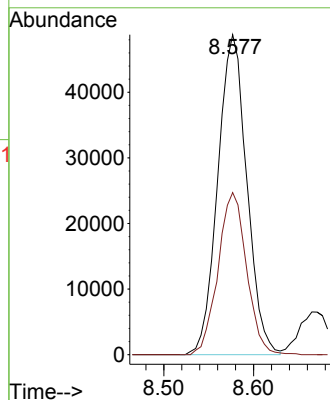
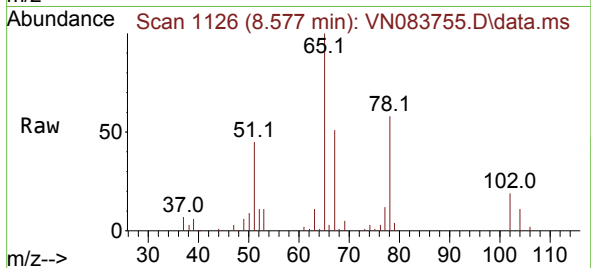
PT-VOA-WP

Tgt Ion: 65 Resp: 109513

Ion Ratio Lower Upper

65 100

67 49.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

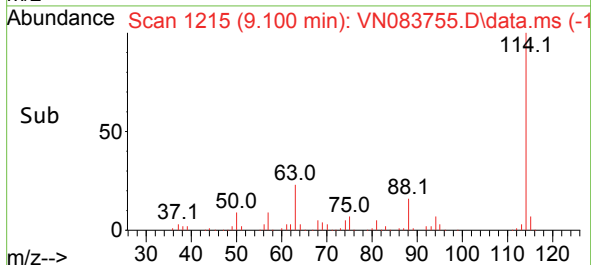
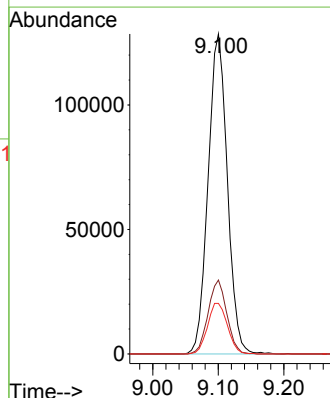
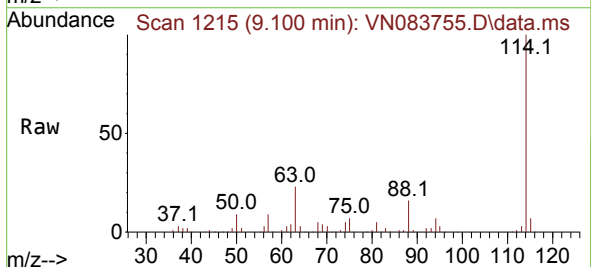
Tgt Ion: 114 Resp: 261805

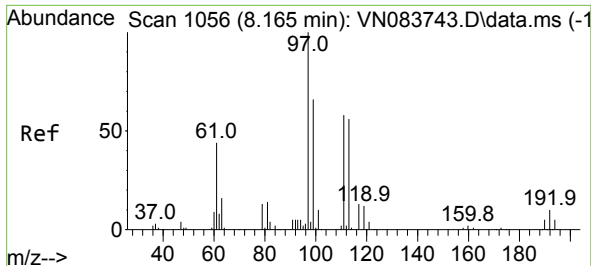
Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

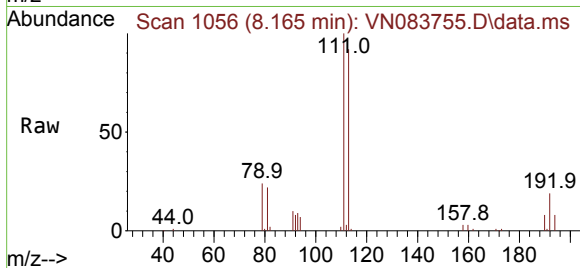
88 15.8 0.0 32.6



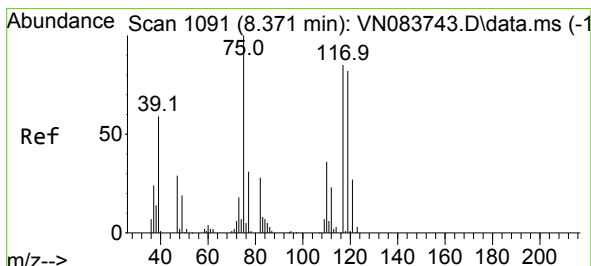
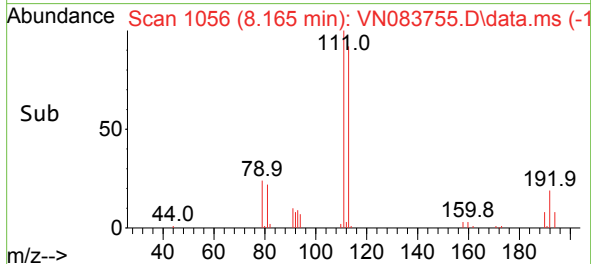
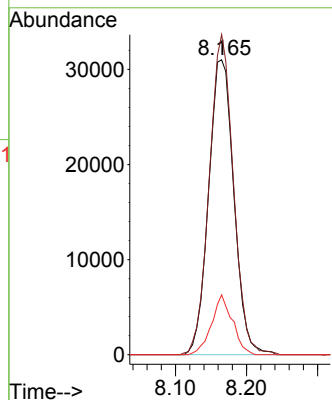


#35
Dibromofluoromethane
Concen: 45.717 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

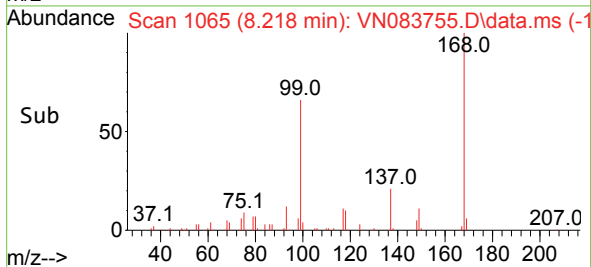
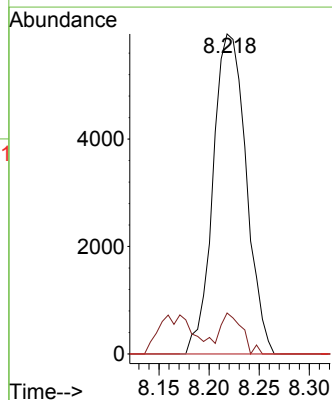
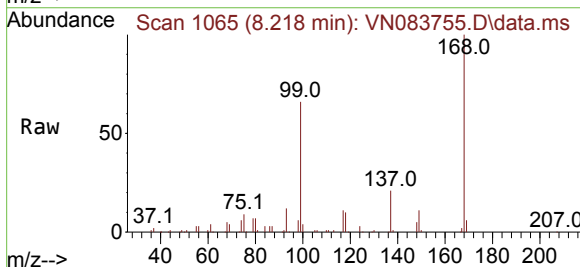


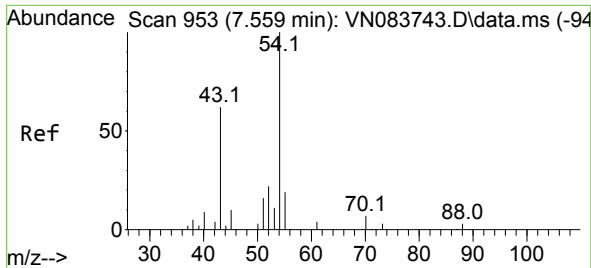
Tgt Ion:113 Resp: 76624
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 16.8 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.428 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 75 Resp: 13692
Ion Ratio Lower Upper
75 100
110 8.1 16.7 50.1#
77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 47.528 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.076 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

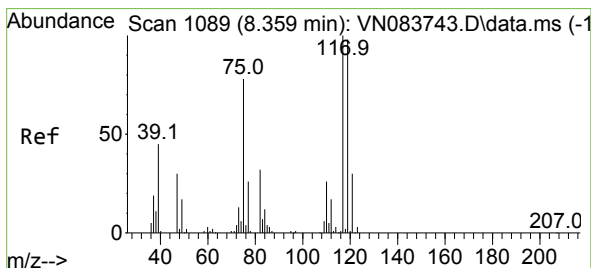
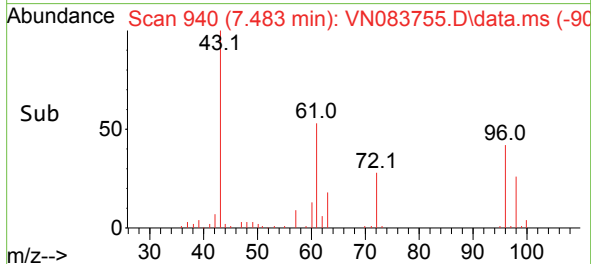
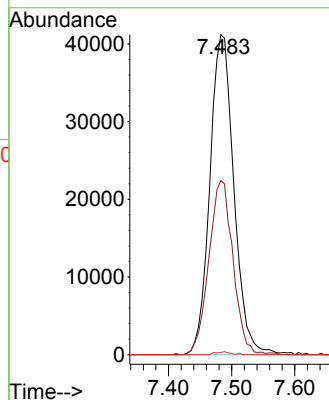
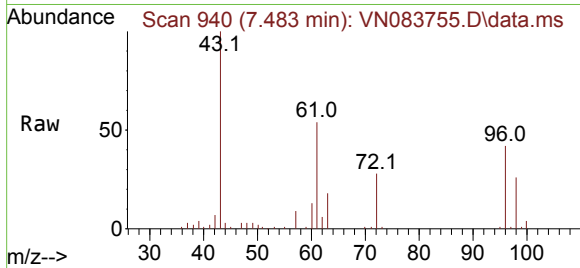
Tgt Ion: 43 Resp: 108831

Ion Ratio Lower Upper

43 100

61 54.8 11.1 16.7#

70 0.5 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 6.037 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

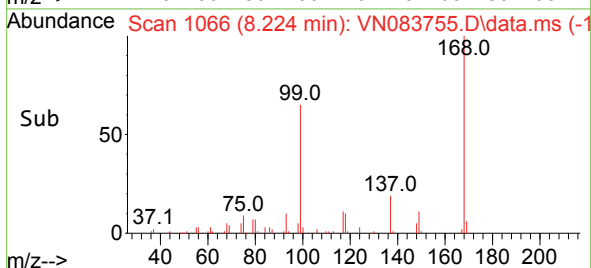
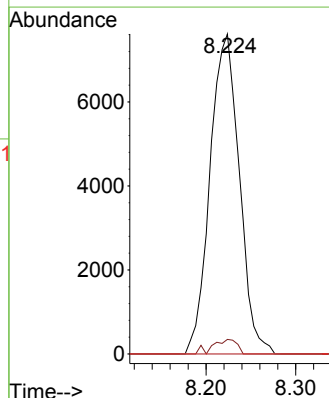
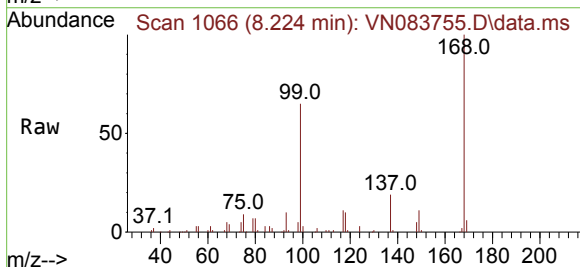
Tgt Ion: 117 Resp: 17278

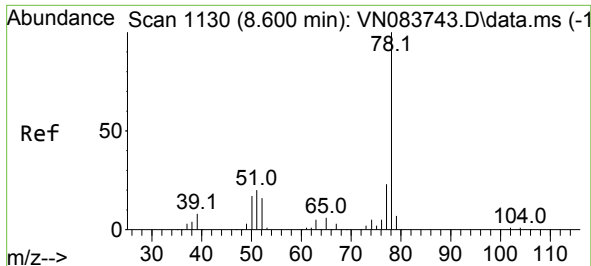
Ion Ratio Lower Upper

117 100

119 4.6 76.1 114.1#

121 0.0 24.1 36.1#

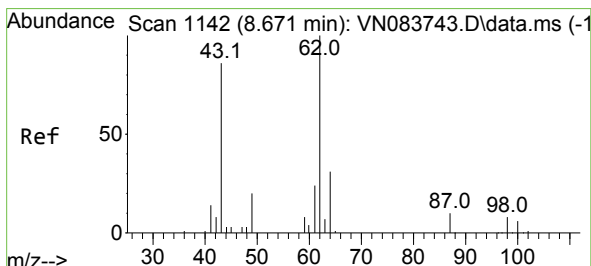
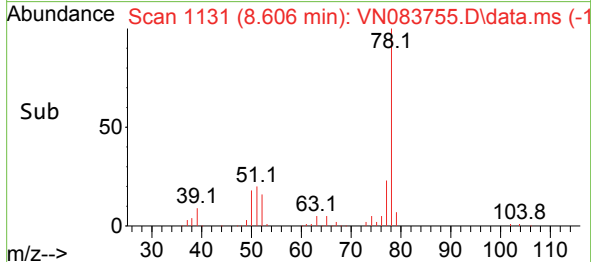
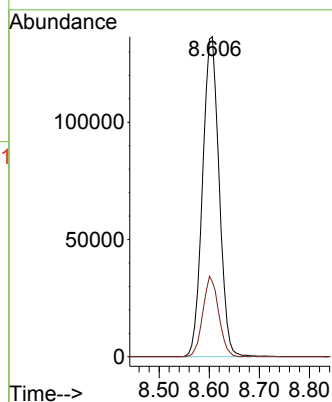
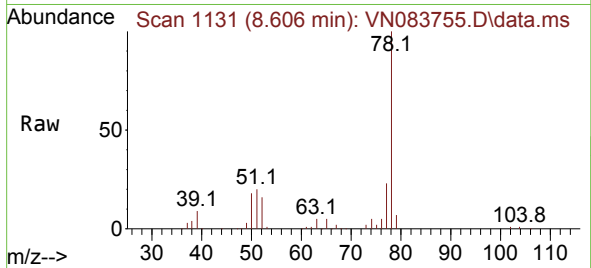




#40
Benzene
Concen: 41.269 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

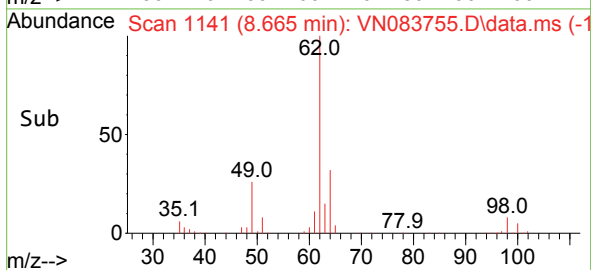
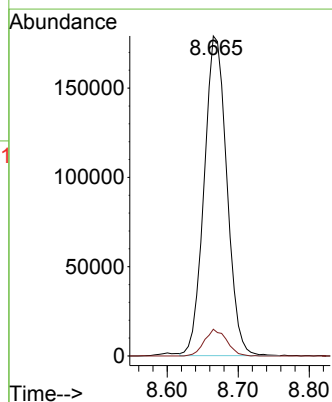
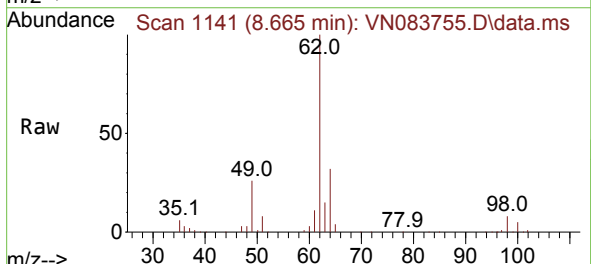
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

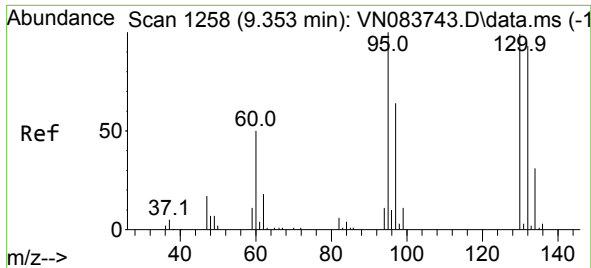
Tgt Ion: 78 Resp: 313354
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6



#42
1,2-Dichloroethane
Concen: 140.325 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 62 Resp: 398133
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.6

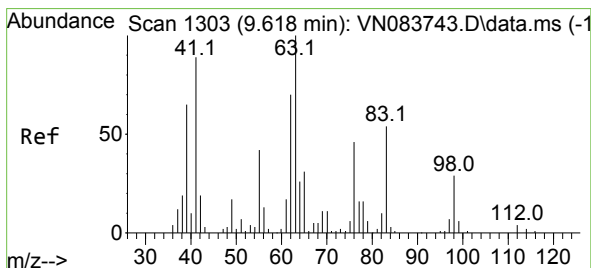
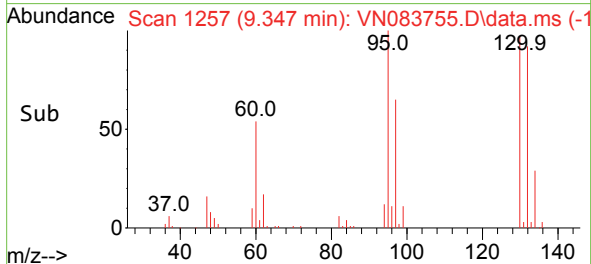
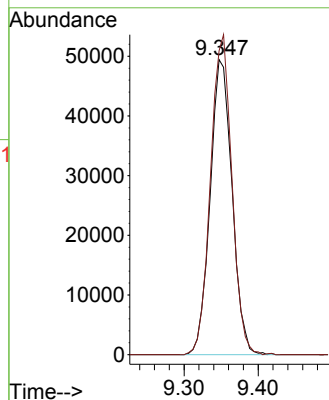
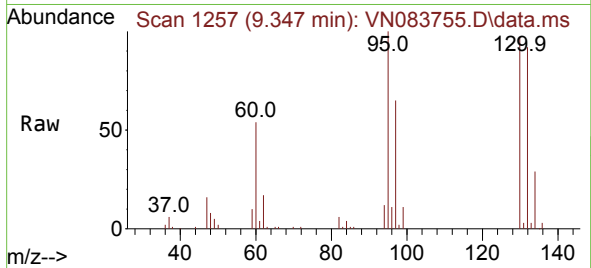




#44
Trichloroethene
Concen: 57.784 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

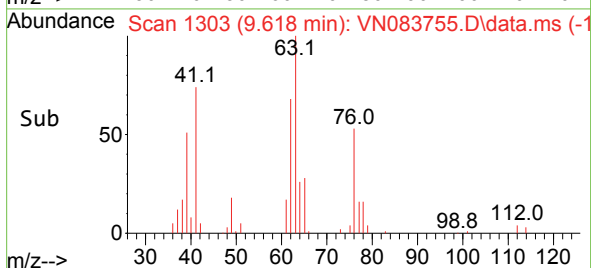
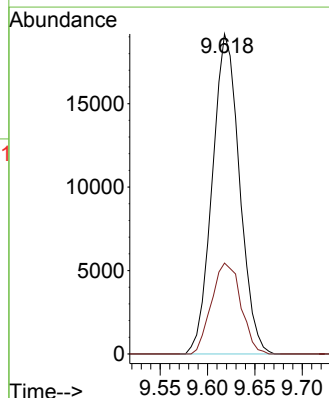
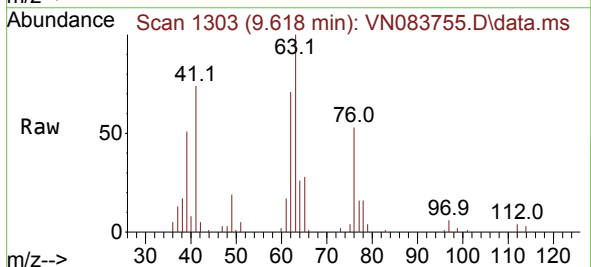
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

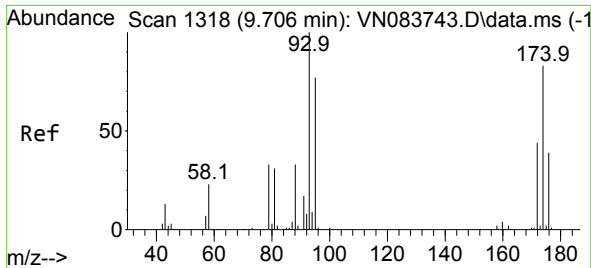
Tgt Ion:130 Resp: 101604
Ion Ratio Lower Upper
130 100
95 102.9 0.0 200.4



#45
1,2-Dichloropropane
Concen: 20.881 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

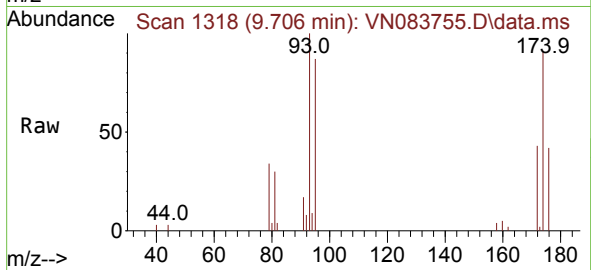
Tgt Ion: 63 Resp: 38320
Ion Ratio Lower Upper
63 100
65 28.4 25.9 38.9



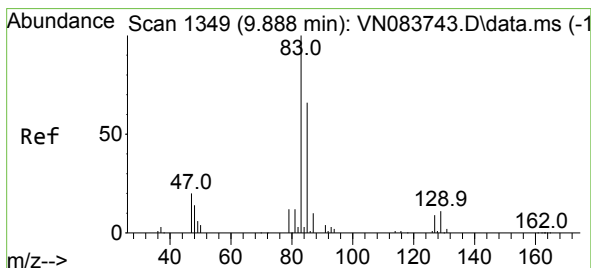
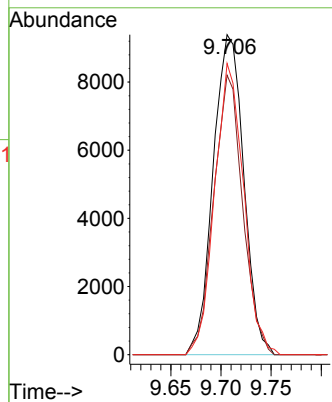
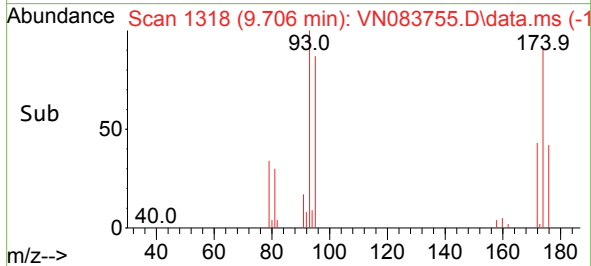


#46
Dibromomethane
Concen: 15.479 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

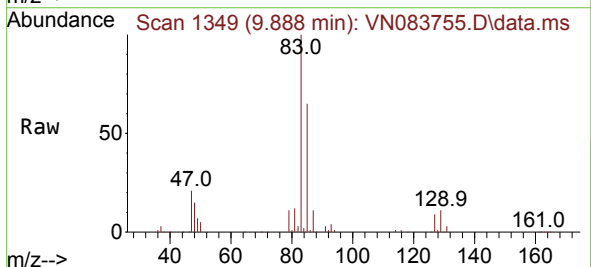
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP



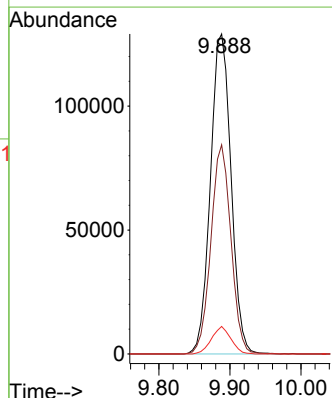
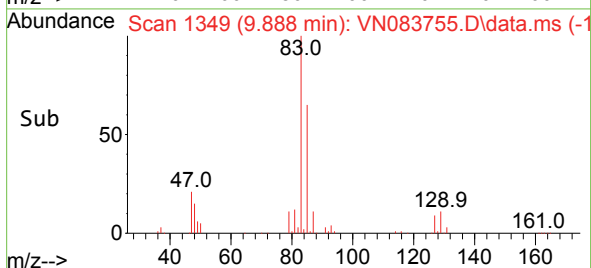
Tgt Ion: 93 Resp: 19897
Ion Ratio Lower Upper
93 100
95 82.6 65.3 97.9
174 85.9 71.0 106.4

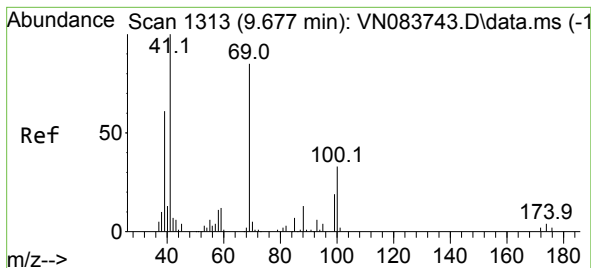


#47
Bromodichloromethane
Concen: 93.420 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31



Tgt Ion: 83 Resp: 259885
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8
127 8.6 6.6 9.8

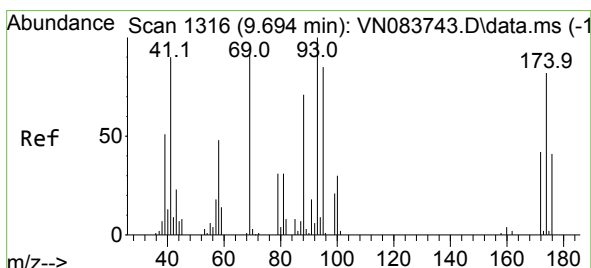
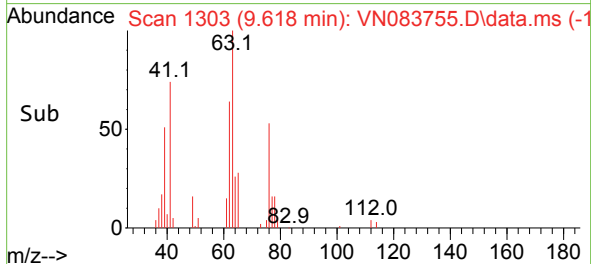
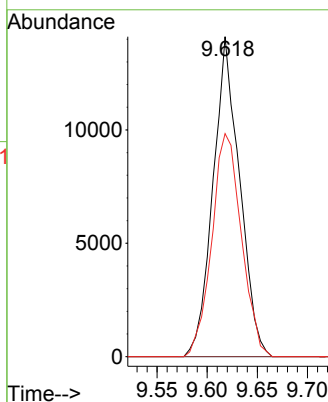
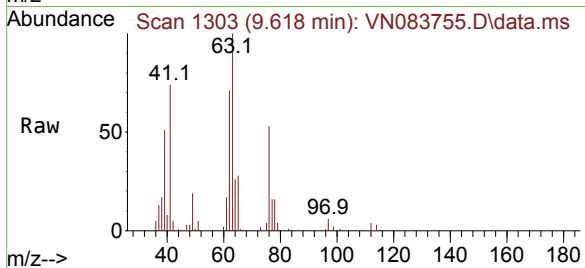




#48
Methyl methacrylate
Concen: 13.203 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

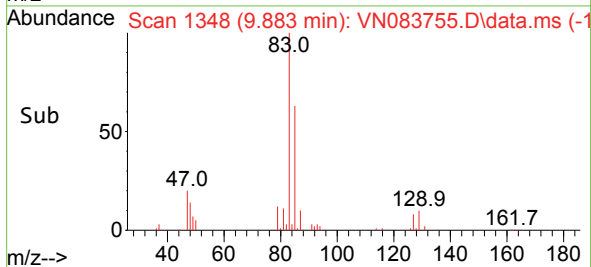
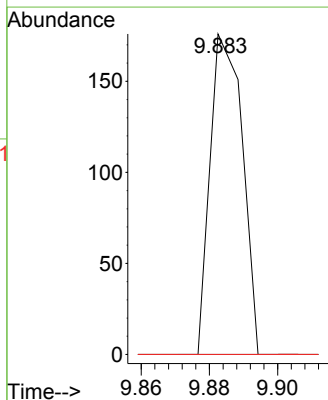
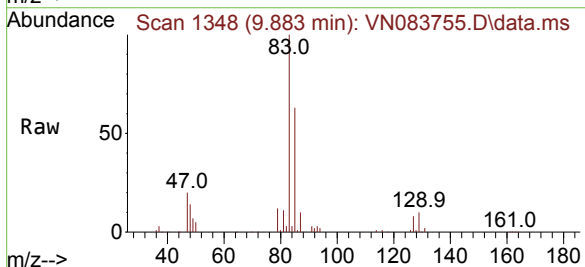
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

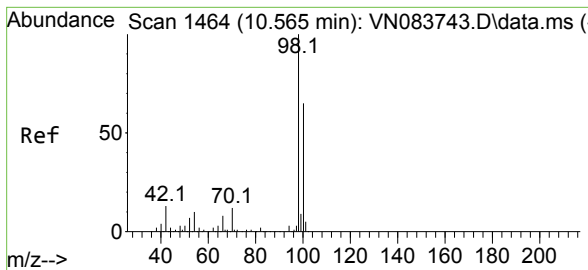
Tgt Ion: 41 Resp: 25992
Ion Ratio Lower Upper
41 100
69 0.0 64.3 96.5#
39 77.5 48.9 73.3#



#49
1,4-Dioxane
Concen: 3.551 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.188 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 88 Resp: 115
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 57.1 85.7#

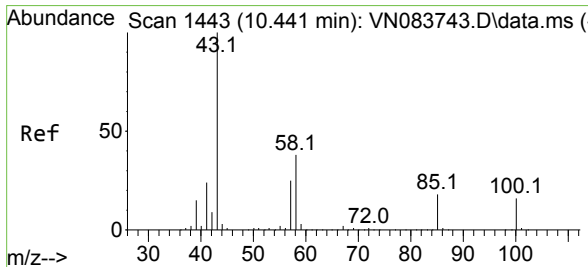
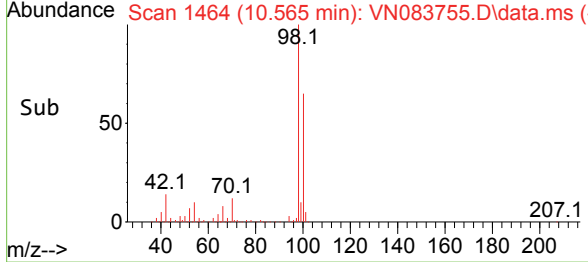
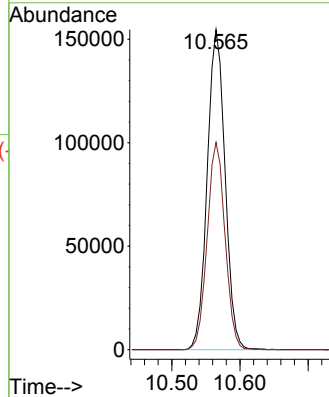
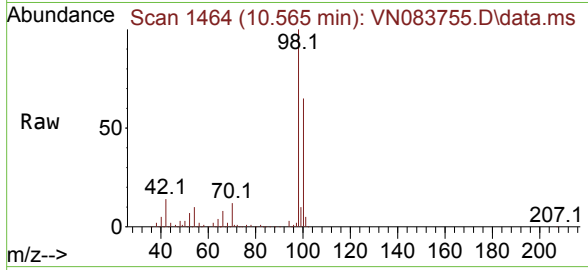




#50
Toluene-d8
Concen: 48.617 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

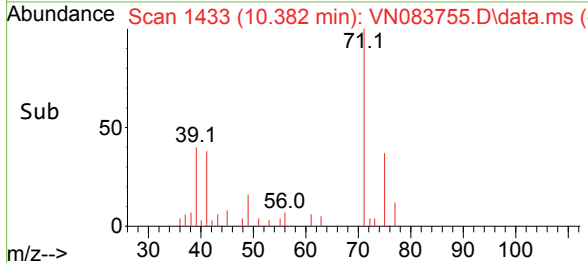
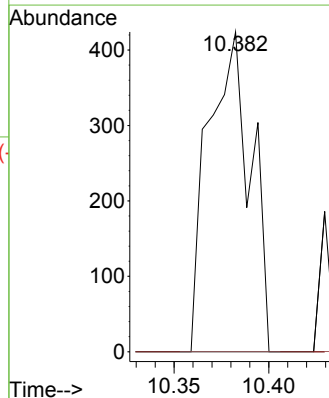
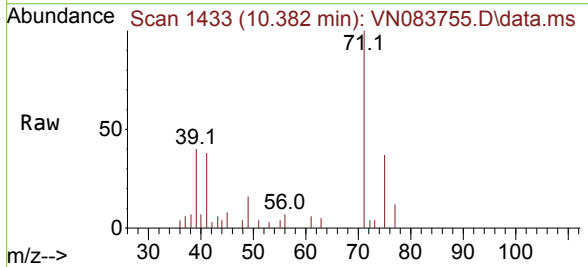
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

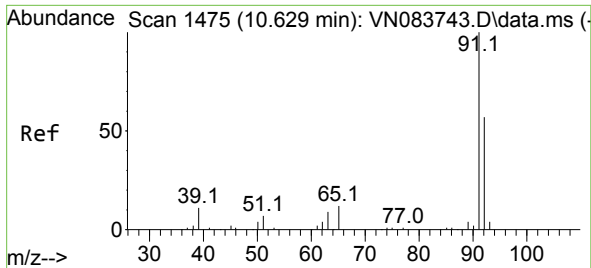
Tgt Ion: 98 Resp: 281694
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.292 ug/l
RT: 10.382 min Scan# 1433
Delta R.T. -0.059 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
58 0.0 31.6 47.4#

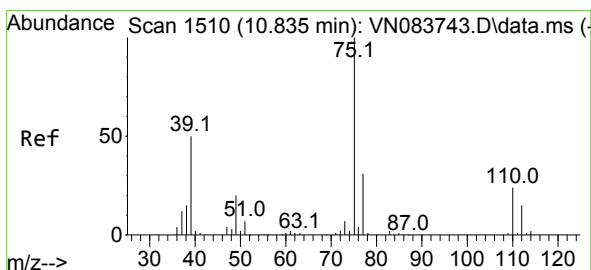
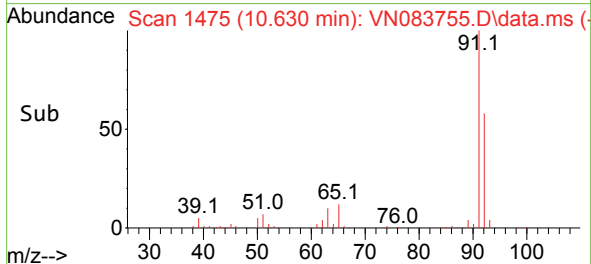
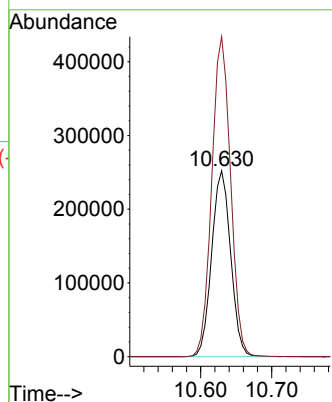
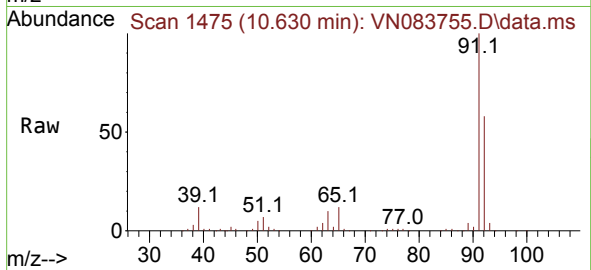




#52
Toluene
Concen: 100.525 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

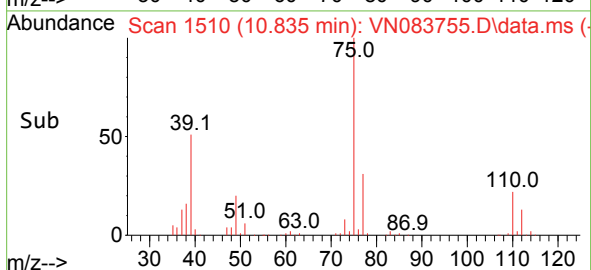
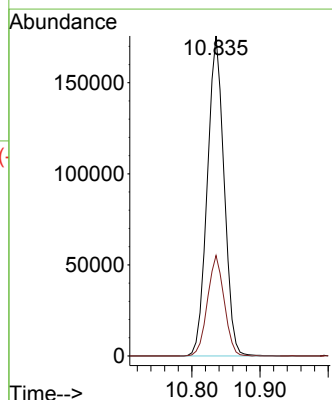
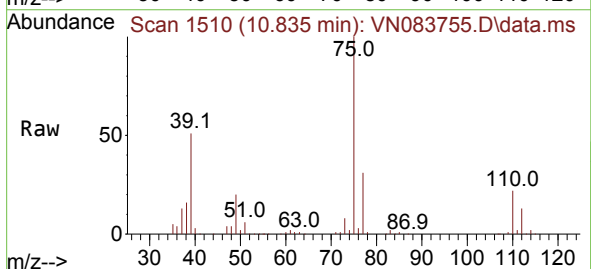
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

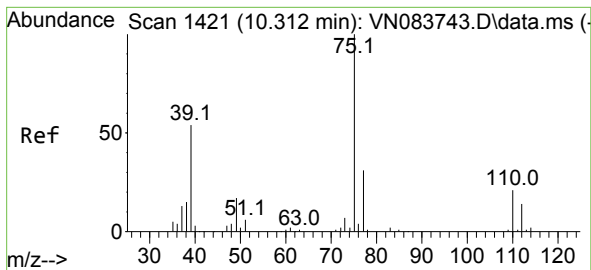
Tgt Ion: 92 Resp: 466878
Ion Ratio Lower Upper
92 100
91 170.8 134.7 202.1



#53
t-1,3-Dichloropropene
Concen: 106.609 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 75 Resp: 300615
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6

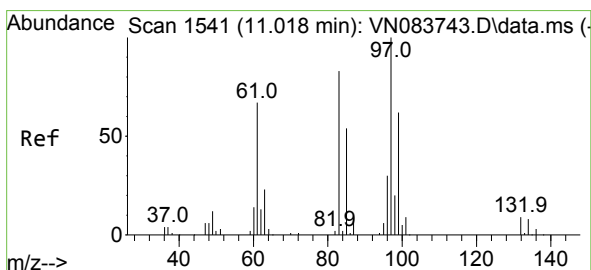
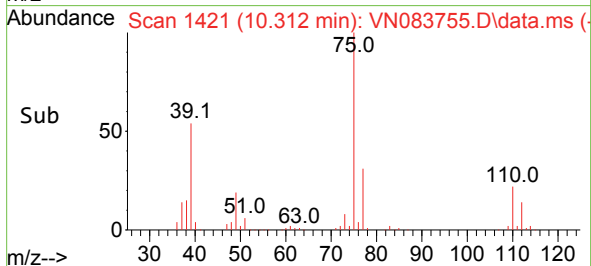
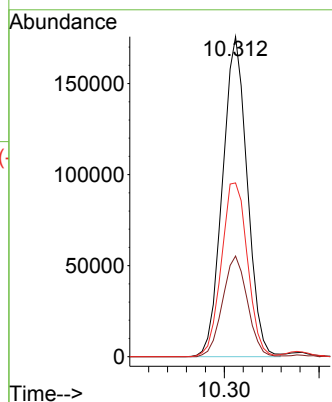
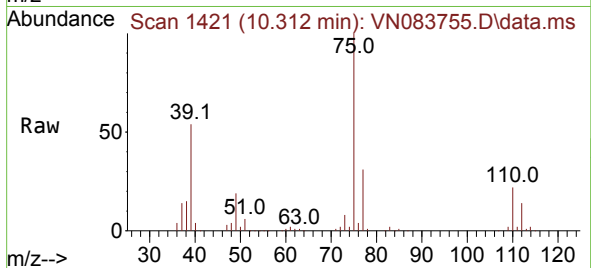




#54
 cis-1,3-Dichloropropene
 Concen: 107.504 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083755.D
 Acq: 10 Sep 2024 16:31

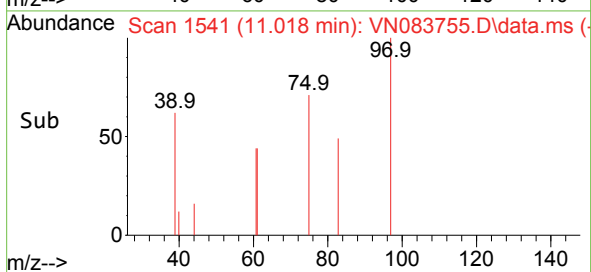
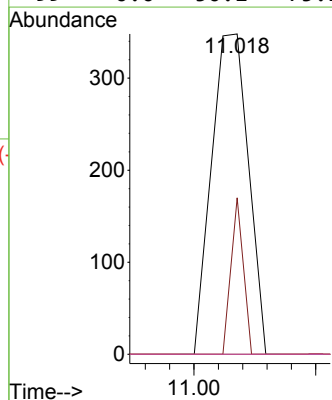
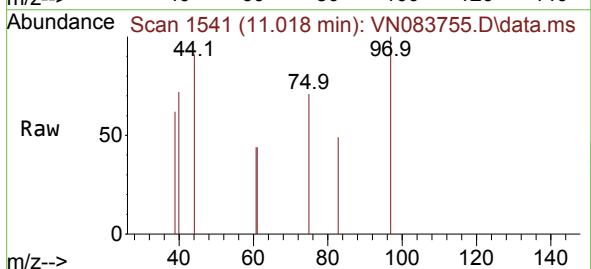
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

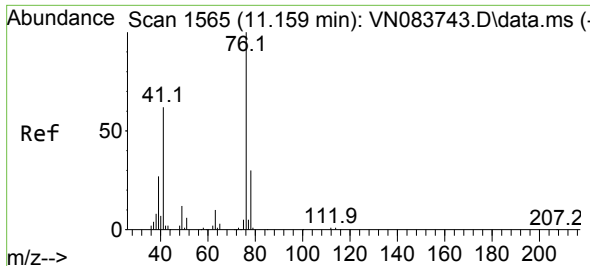
Tgt Ion:	75	Resp:	318425
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.6
39	54.3	42.6	64.0



#55
 1,1,2-Trichloroethane
 Concen: 0.211 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN083755.D
 Acq: 10 Sep 2024 16:31

Tgt Ion:	97	Resp:	366
Ion	Ratio	Lower	Upper
97	100		
83	48.9	67.5	101.3#
85	0.0	44.2	66.2#
99	0.0	50.1	75.1#





#57

1,3-Dichloropropane

Concen: 0.266 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

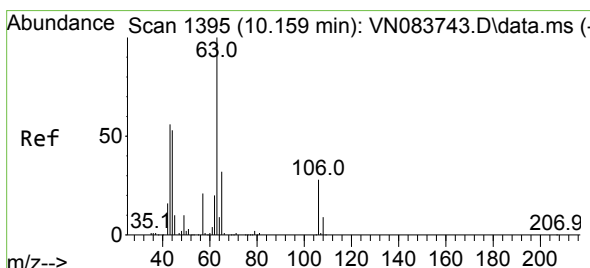
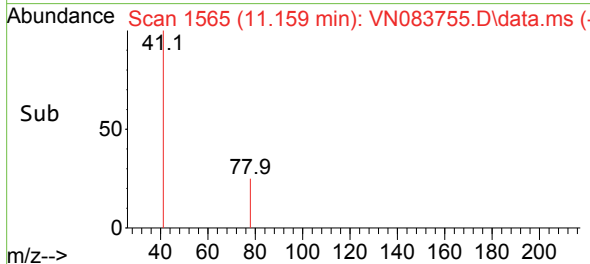
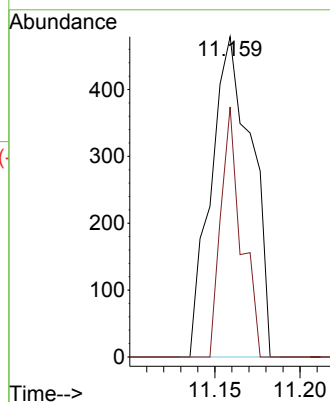
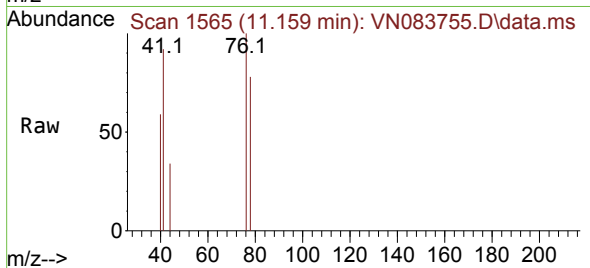
PT-VOA-WP

Tgt Ion: 76 Resp: 794

Ion Ratio Lower Upper

76 100

78 39.4 25.8 38.6#



#58

2-Chloroethyl Vinyl ether

Concen: 0.814 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083755.D

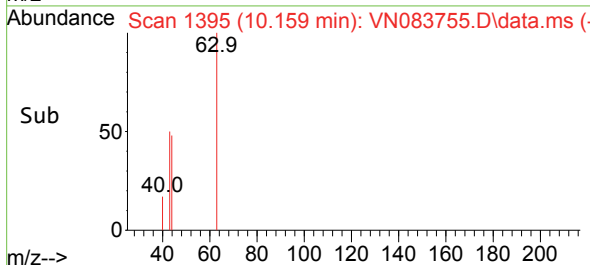
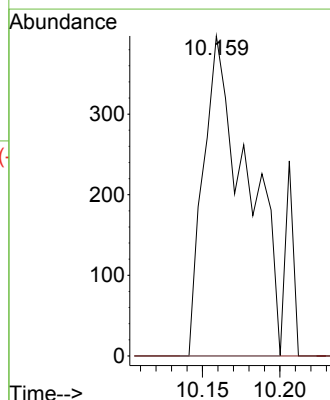
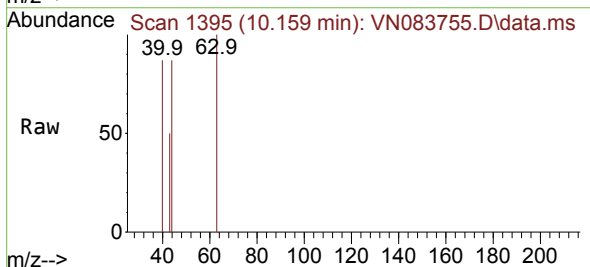
Acq: 10 Sep 2024 16:31

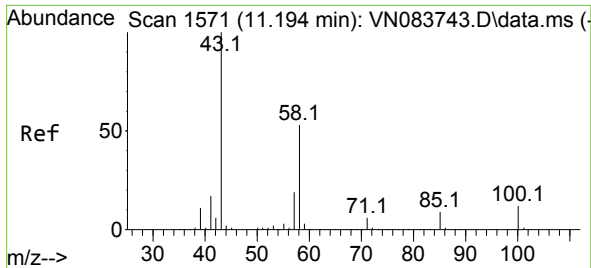
Tgt Ion: 63 Resp: 782

Ion Ratio Lower Upper

63 100

106 0.0 23.3 34.9#

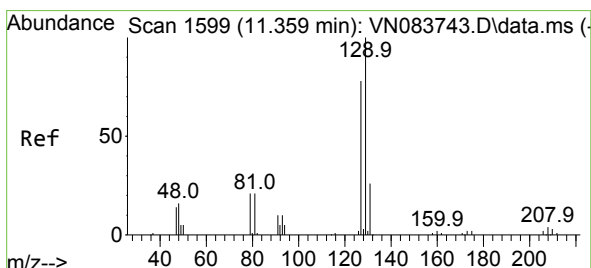
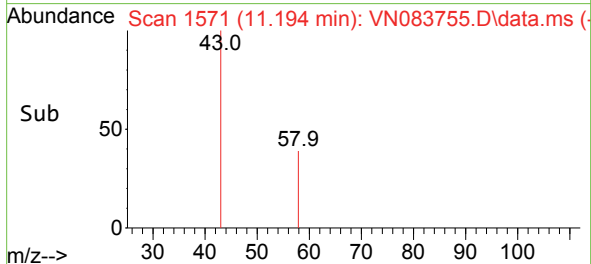
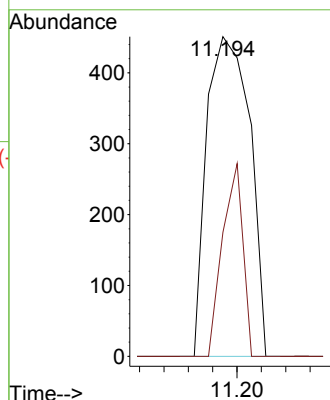
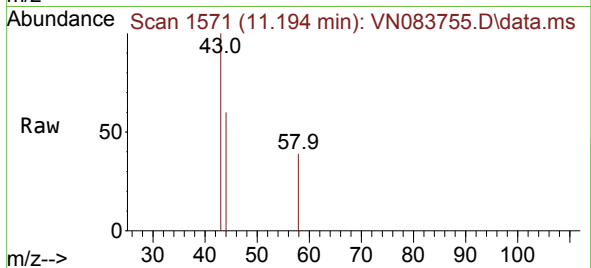




#59
2-Hexanone
Concen: 0.331 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

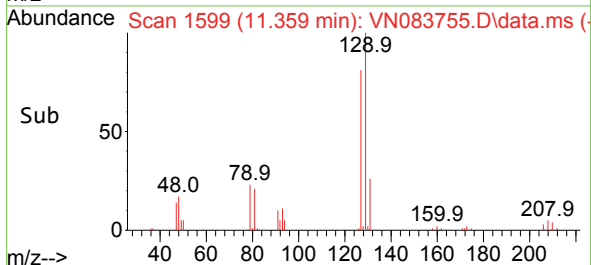
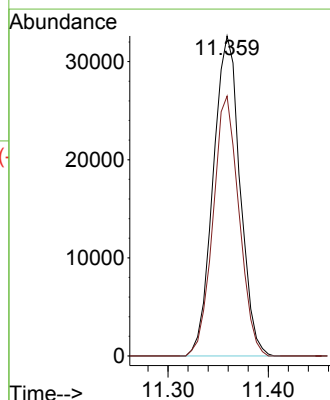
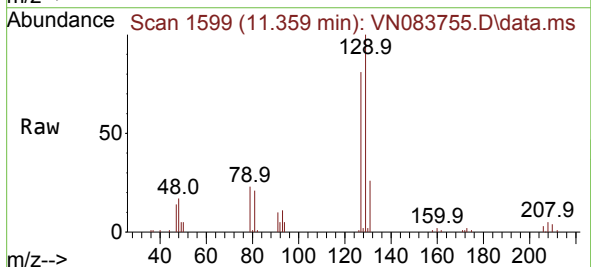
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

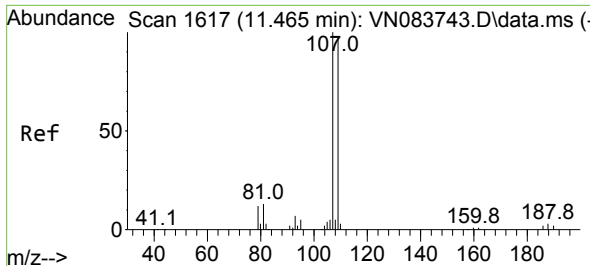
Tgt Ion: 43 Resp: 553
Ion Ratio Lower Upper
43 100
58 28.6 27.2 81.5



#60
Dibromochloromethane
Concen: 31.225 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 129 Resp: 60591
Ion Ratio Lower Upper
129 100
127 78.6 39.0 116.9

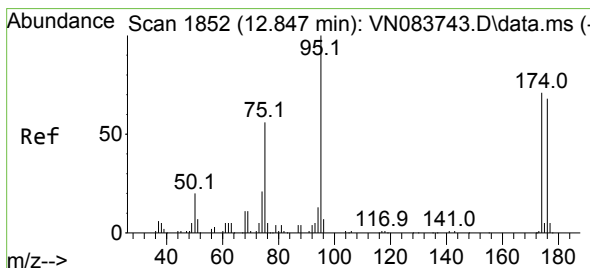
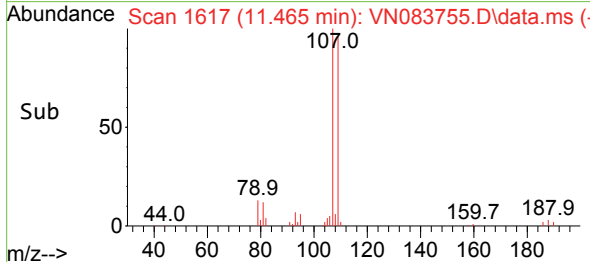
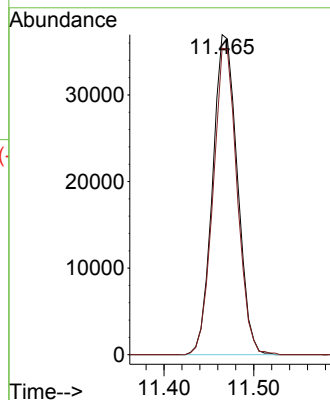
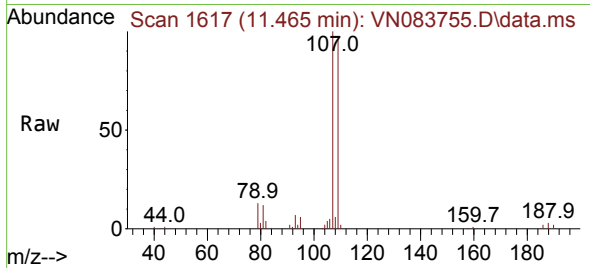




#61
1,2-Dibromoethane
Concen: 40.836 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

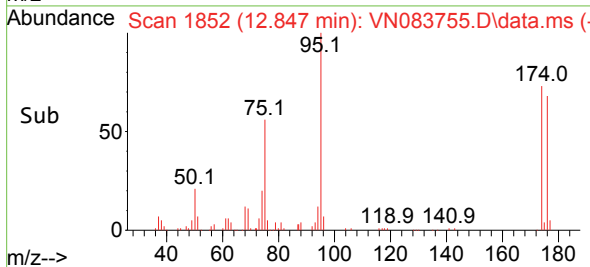
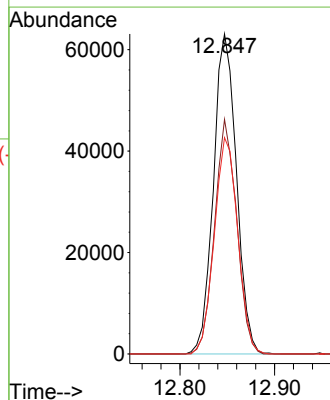
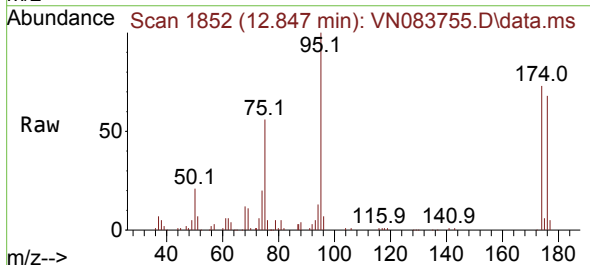
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

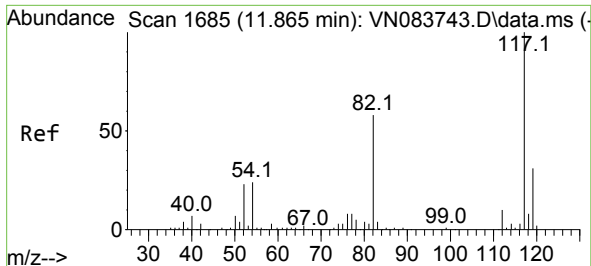
Tgt Ion:107 Resp: 70615
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 44.613 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 95 Resp: 106649
Ion Ratio Lower Upper
95 100
174 70.6 0.0 139.8
176 68.9 0.0 131.4

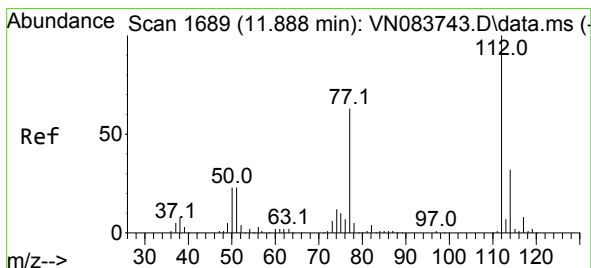
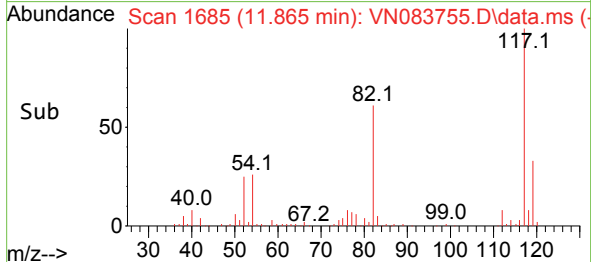
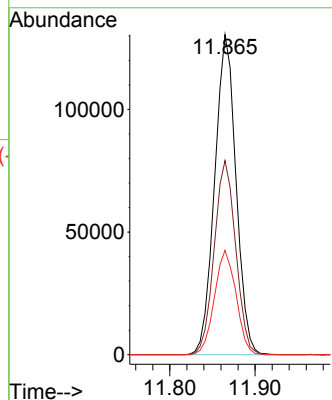
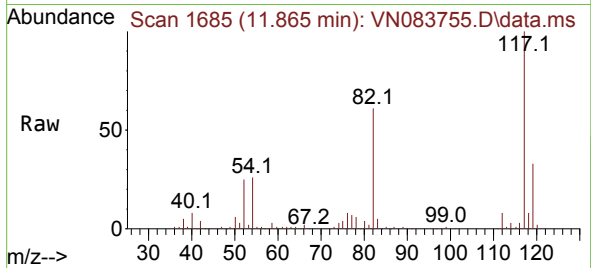




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

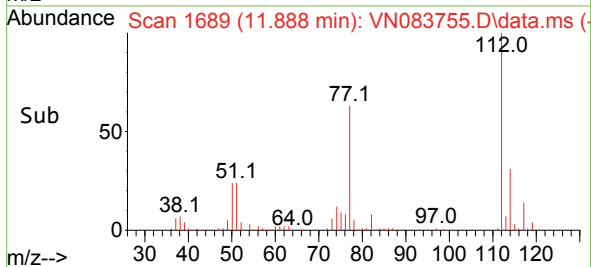
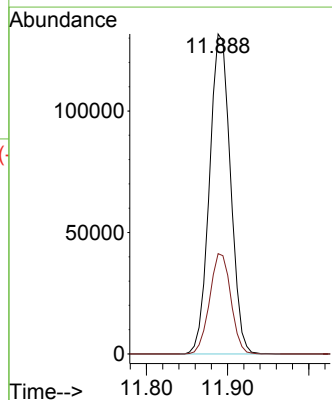
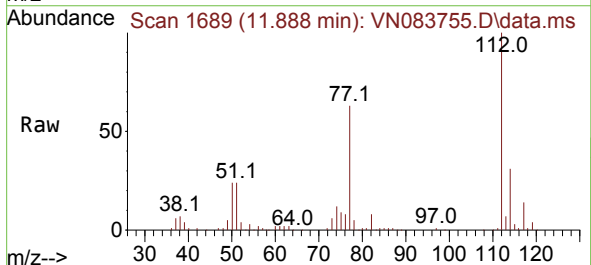
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

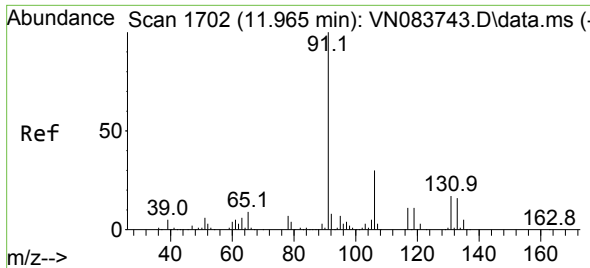
Tgt Ion:117 Resp: 226980
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 32.6 26.3 39.5



#65
Chlorobenzene
Concen: 46.850 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion:112 Resp: 236345
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

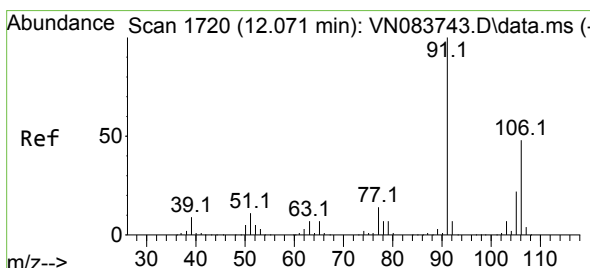
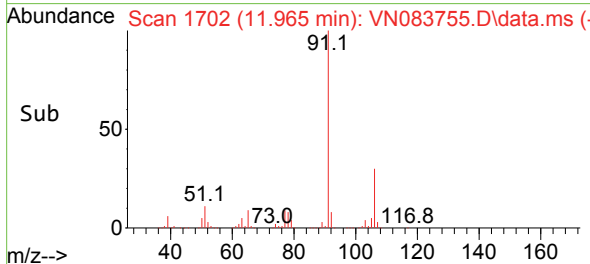
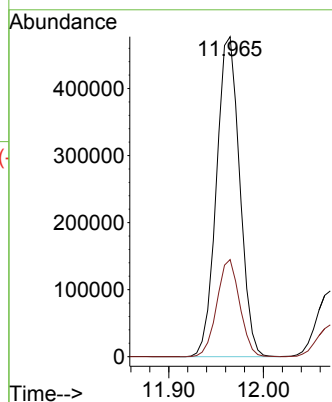
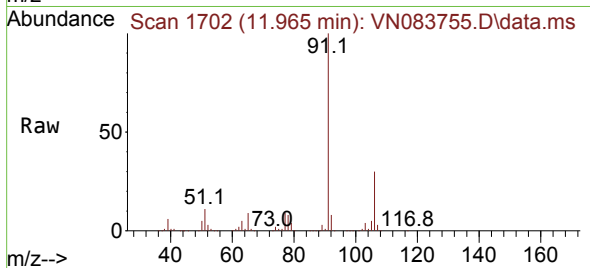




#67
Ethyl Benzene
Concen: 90.770 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

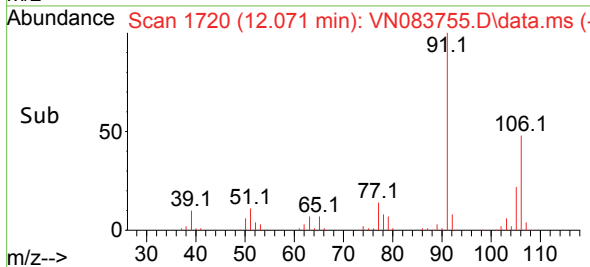
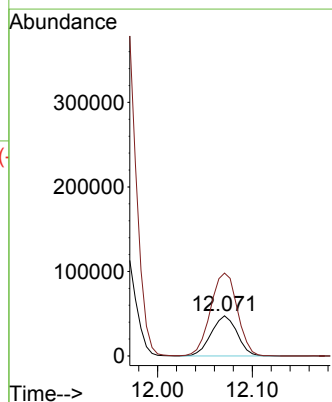
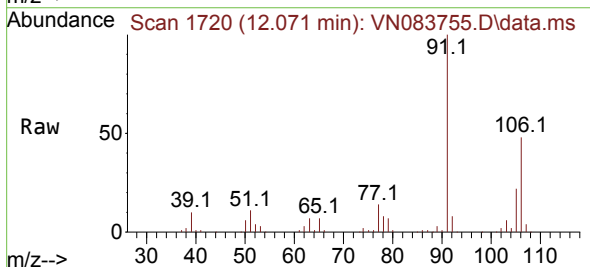
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

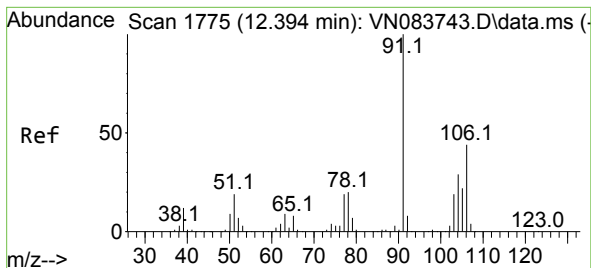
Tgt Ion: 91 Resp: 813446
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 27.074 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion:106 Resp: 90078
Ion Ratio Lower Upper
106 100
91 214.3 169.2 253.8





#69

o-Xylene

Concen: 115.317 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

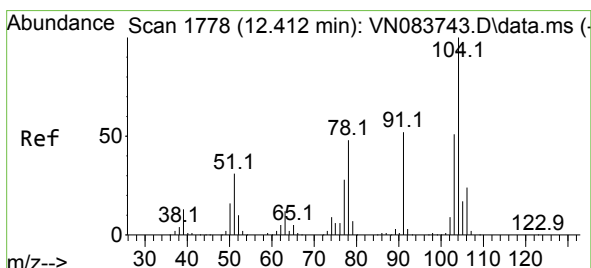
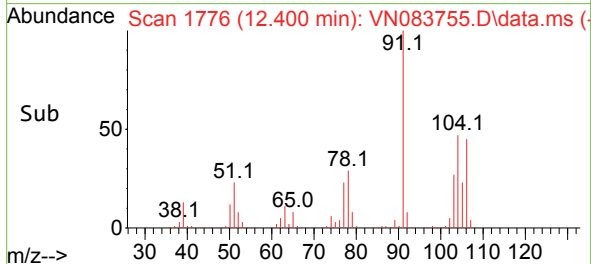
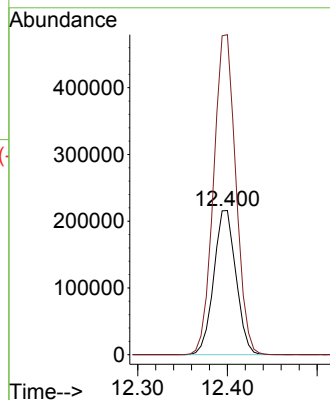
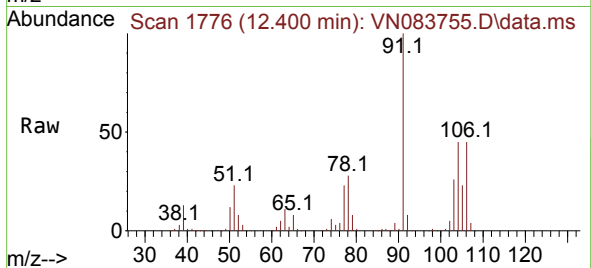
PT-VOA-WP

Tgt Ion:106 Resp: 371425

Ion Ratio Lower Upper

106 100

91 222.3 112.9 338.6



#70

Styrene

Concen: 108.322 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

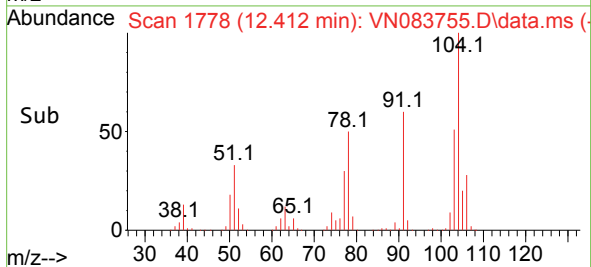
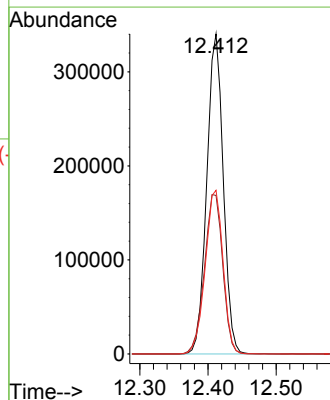
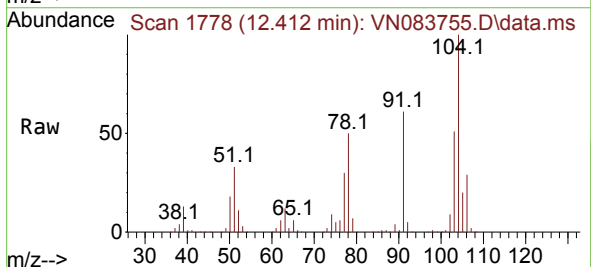
Tgt Ion:104 Resp: 572589

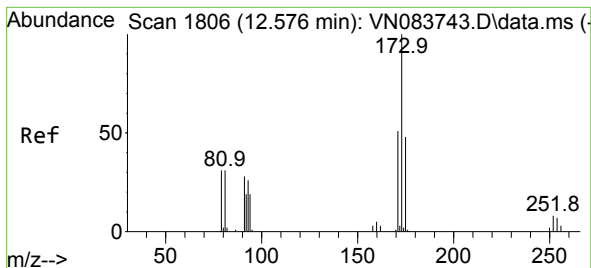
Ion Ratio Lower Upper

104 100

78 55.5 43.3 64.9

103 55.4 43.4 65.2





#71

Bromoform

Concen: 78.777 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

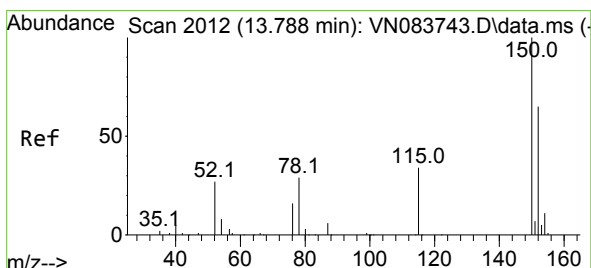
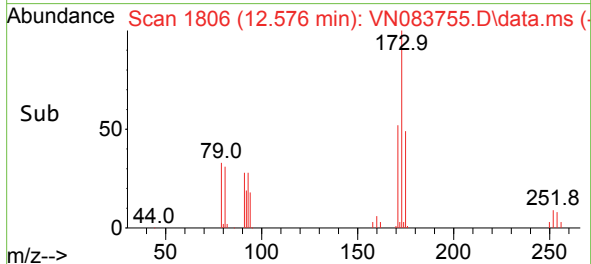
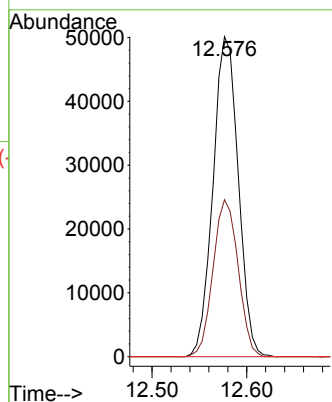
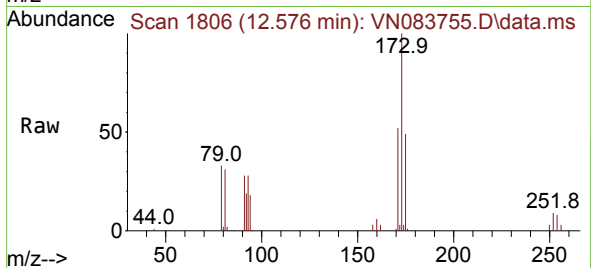
Tgt Ion:173 Resp: 92838

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

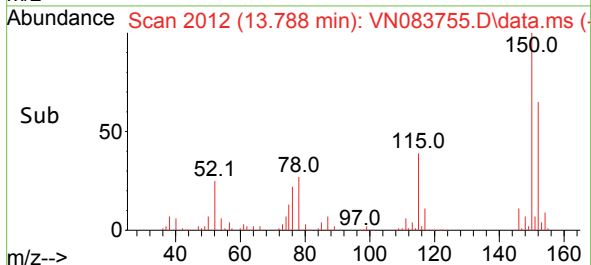
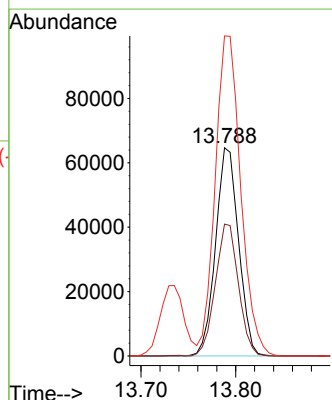
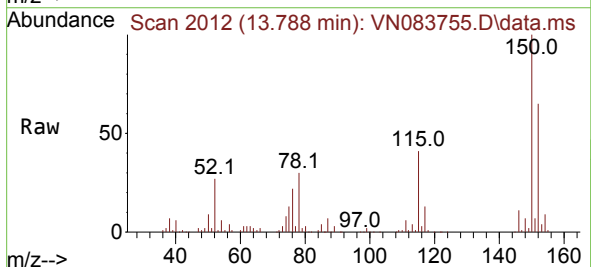
Tgt Ion:152 Resp: 109081

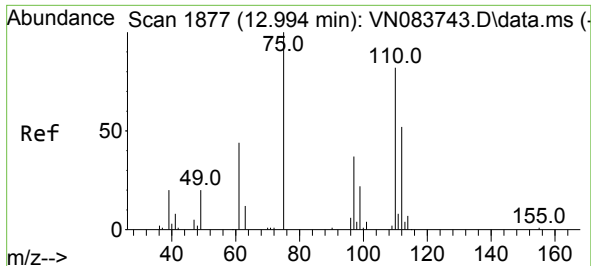
Ion Ratio Lower Upper

152 100

115 63.7 32.2 96.6

150 170.7 0.0 348.6

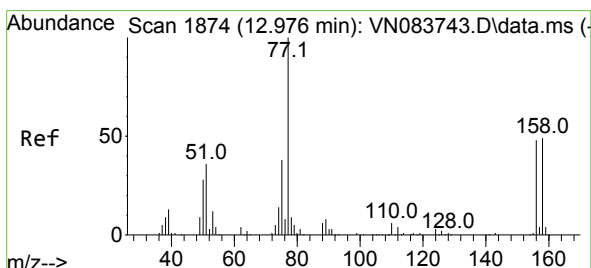
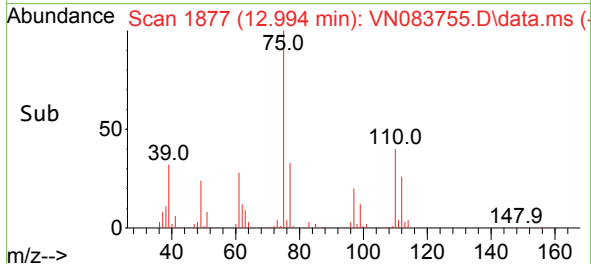
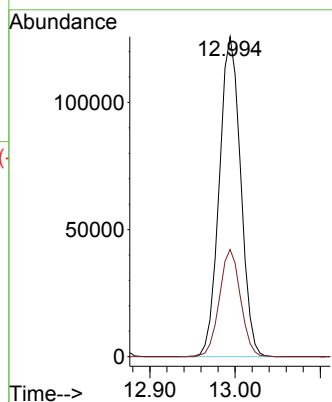
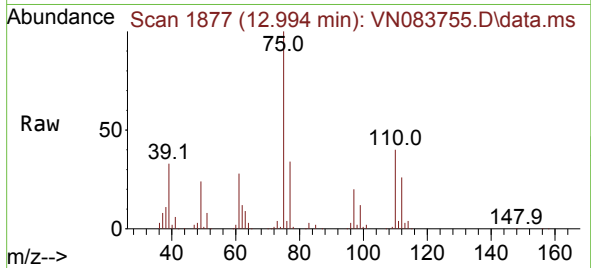




#76
1,2,3-Trichloropropane
Concen: 101.926 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

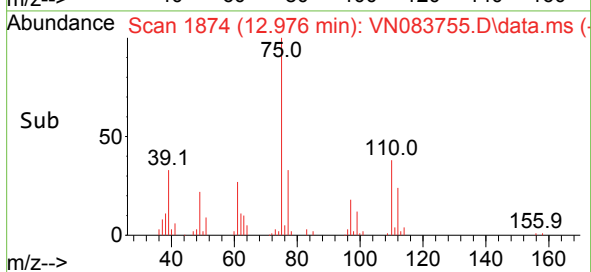
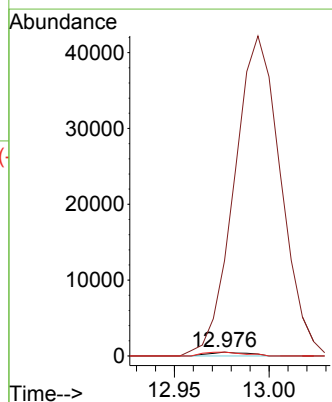
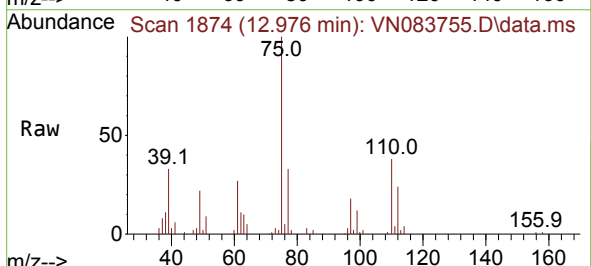
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

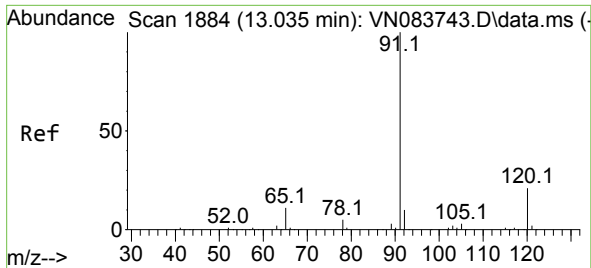
Tgt Ion: 75 Resp: 218806
Ion Ratio Lower Upper
75 100
77 33.1 95.2 285.6#



#77
Bromobenzene
Concen: 0.359 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion:156 Resp: 729
Ion Ratio Lower Upper
156 100
77 9942.8 114.3 343.1#
158 105.6 48.9 146.7

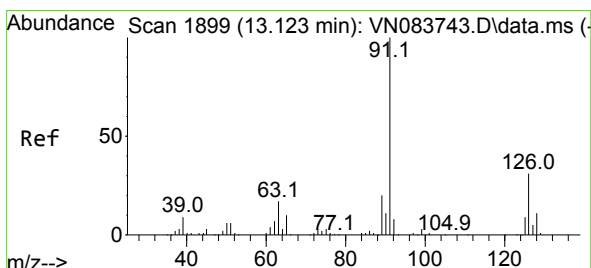
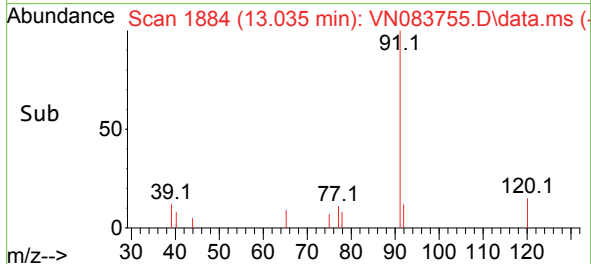
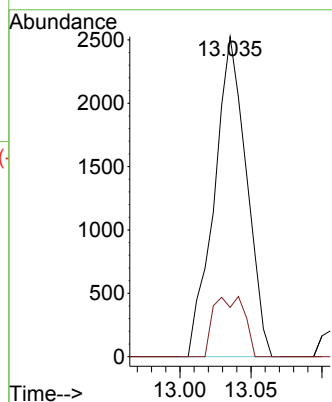
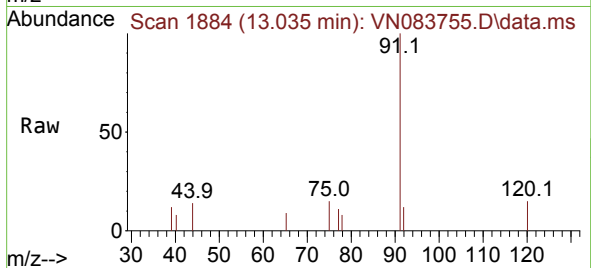




#78
n-propylbenzene
Concen: 0.406 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

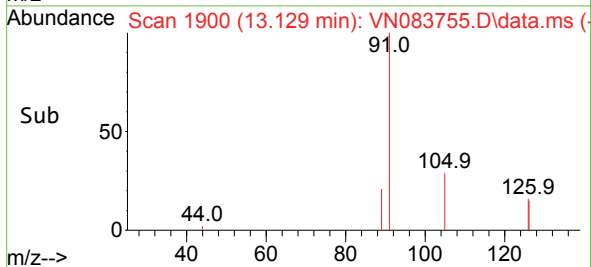
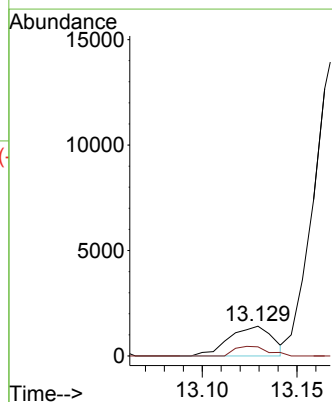
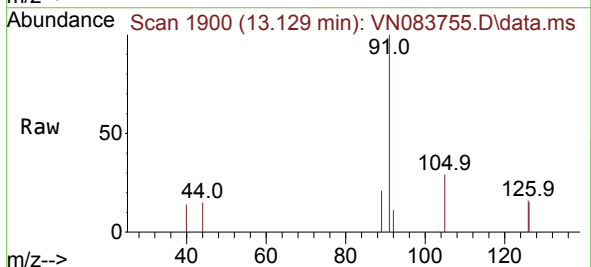
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

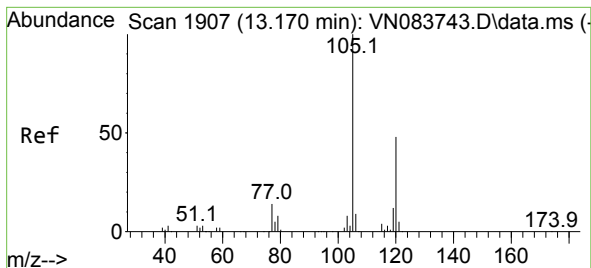
Tgt Ion: 91 Resp: 3983
Ion Ratio Lower Upper
91 100
120 0.0 11.0 33.0#



#79
2-Chlorotoluene
Concen: 0.359 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 91 Resp: 2251
Ion Ratio Lower Upper
91 100
126 24.8 15.4 46.2





#80

1,3,5-Trimethylbenzene

Concen: 30.944 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

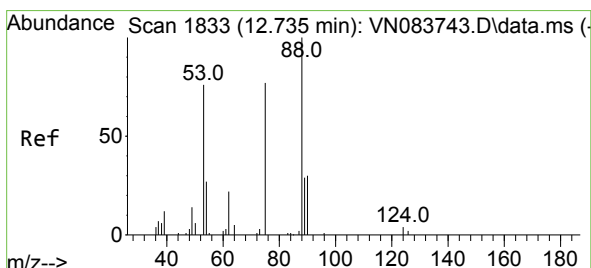
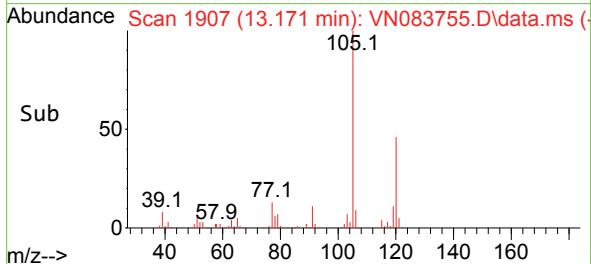
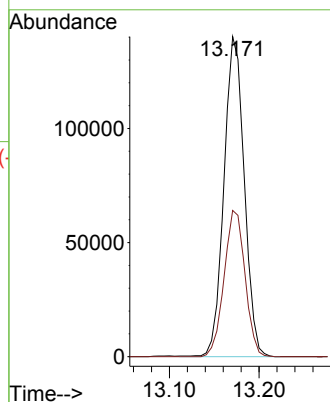
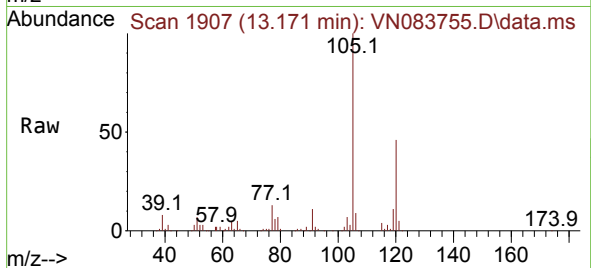
PT-VOA-WP

Tgt Ion:105 Resp: 220170

Ion Ratio Lower Upper

105 100

120 47.1 23.4 70.3



#81

trans-1,4-Dichloro-2-butene

Concen: 71.015 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

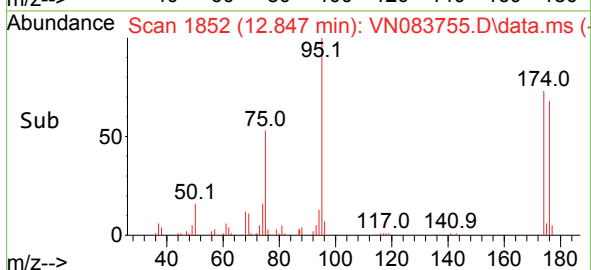
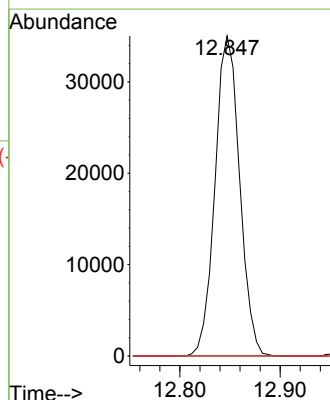
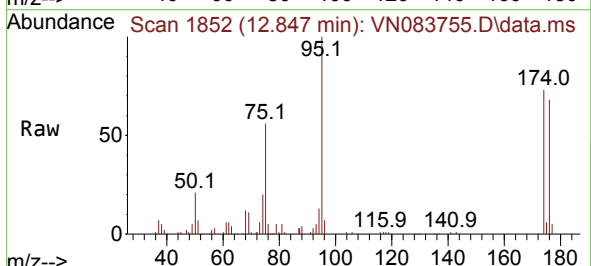
Tgt Ion: 75 Resp: 59680

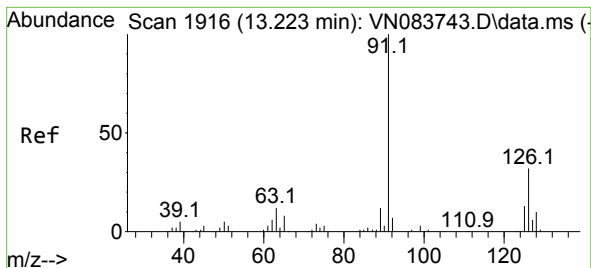
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#





#82

4-Chlorotoluene

Concen: 0.534 ug/l

RT: 13.218 min Scan# 1916

Delta R.T. -0.006 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

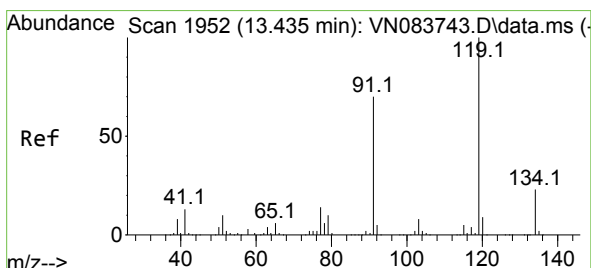
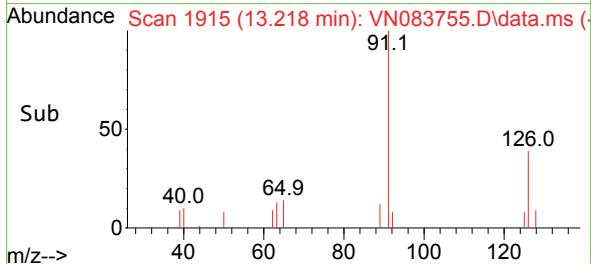
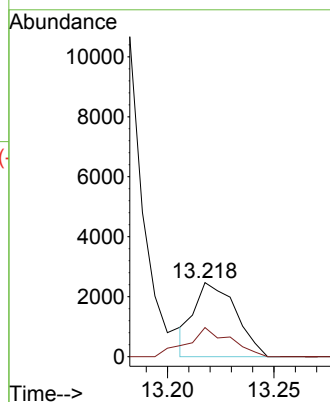
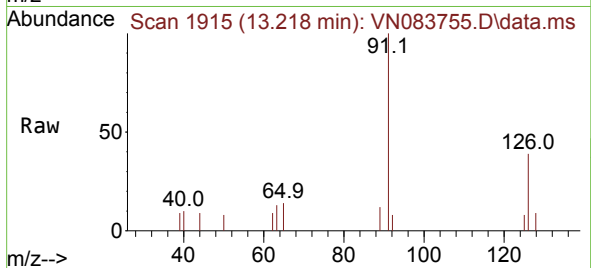
PT-VOA-WP

Tgt Ion: 91 Resp: 3355

Ion Ratio Lower Upper

91 100

126 40.5 15.4 46.2



#83

tert-Butylbenzene

Concen: 2.245 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.047 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

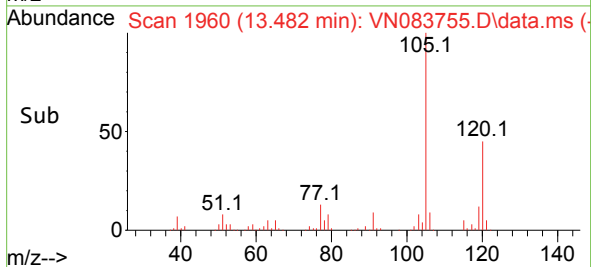
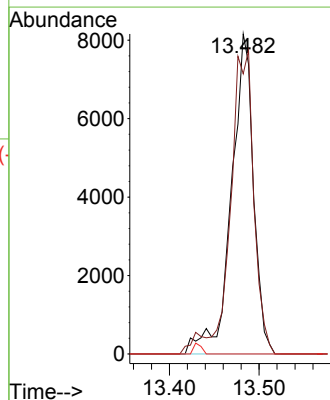
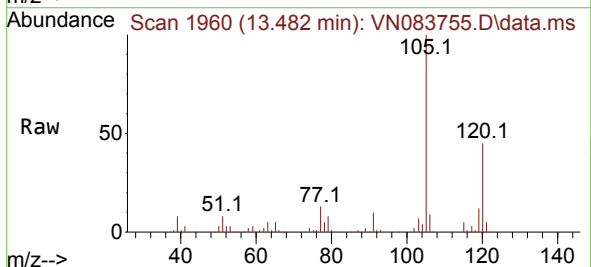
Tgt Ion: 119 Resp: 13975

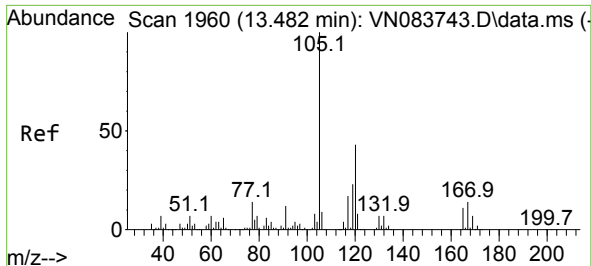
Ion Ratio Lower Upper

119 100

91 96.9 34.5 103.6

134 0.0 12.8 38.4#

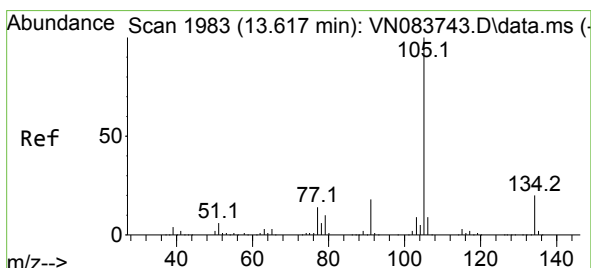
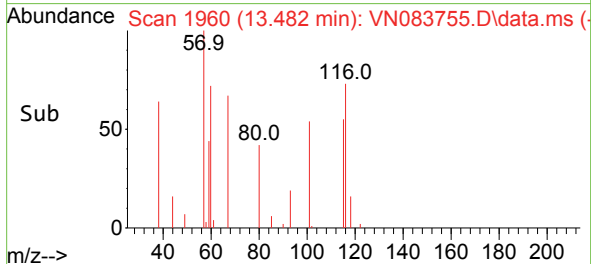
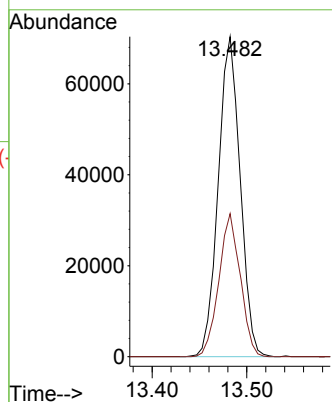
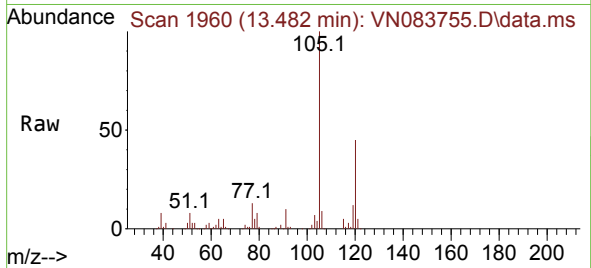




#84
1,2,4-Trimethylbenzene
Concen: 15.838 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

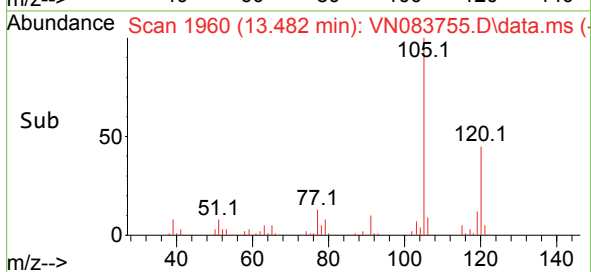
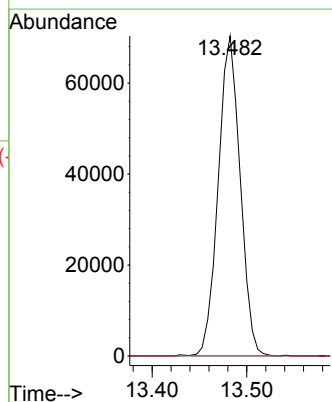
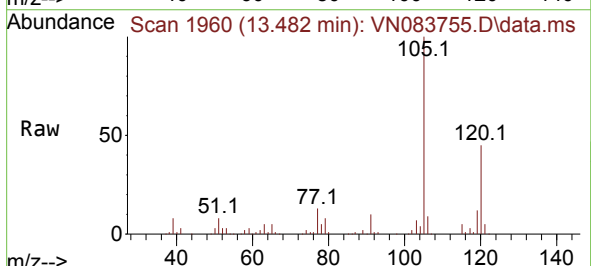
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

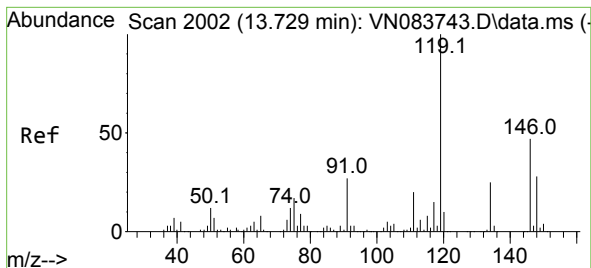
Tgt Ion:105 Resp: 113196
Ion Ratio Lower Upper
105 100
120 43.7 21.8 65.4



#85
sec-Butylbenzene
Concen: 13.711 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.135 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion:105 Resp: 113196
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#





#86

p-Isopropyltoluene

Concen: 0.429 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

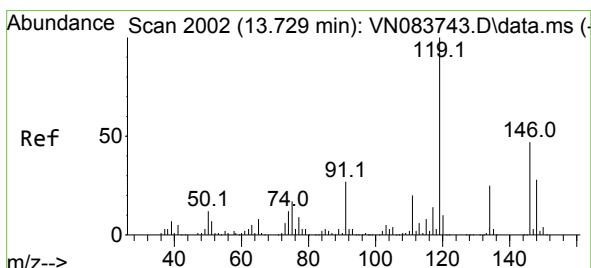
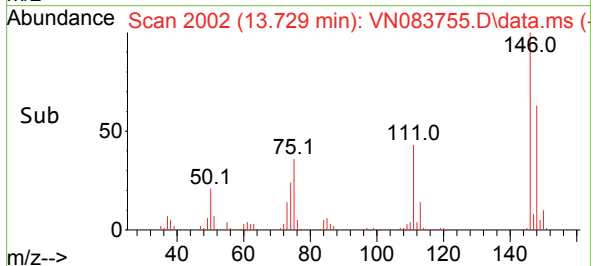
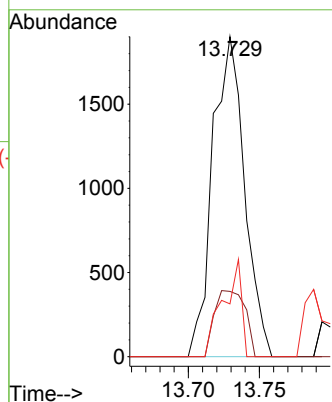
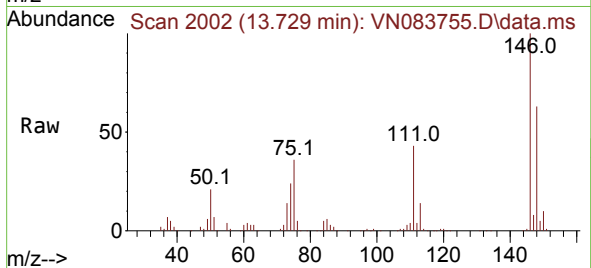
Tgt Ion:119 Resp: 2972

Ion Ratio Lower Upper

119 100

134 19.8 12.8 38.3

91 17.6 12.9 38.7



#87

1,3-Dichlorobenzene

Concen: 97.746 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN083755.D

Acq: 10 Sep 2024 16:31

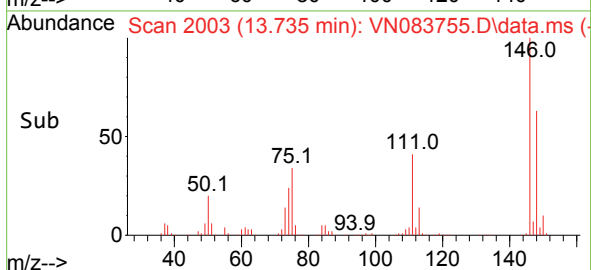
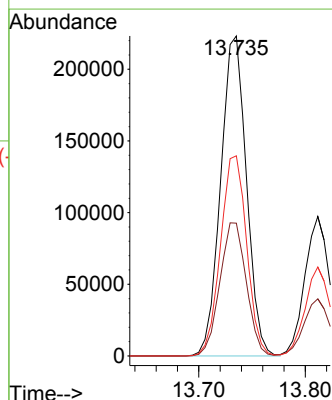
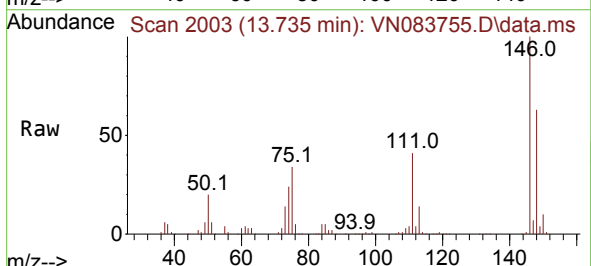
Tgt Ion:146 Resp: 374737

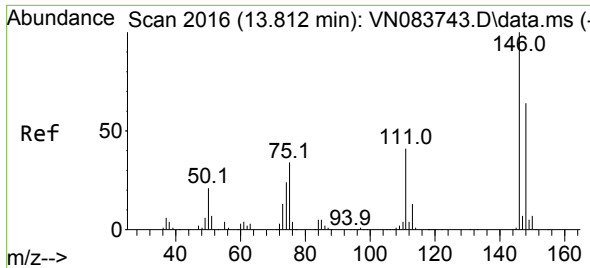
Ion Ratio Lower Upper

146 100

111 42.7 21.7 65.1

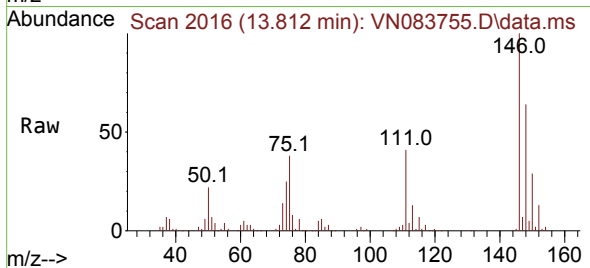
148 63.6 31.7 95.1



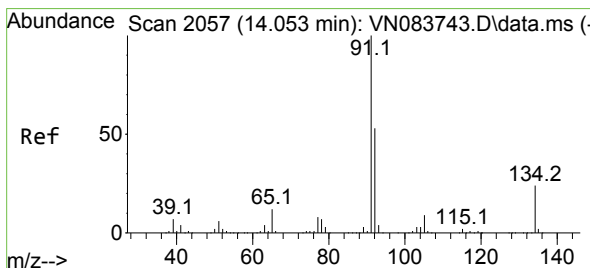
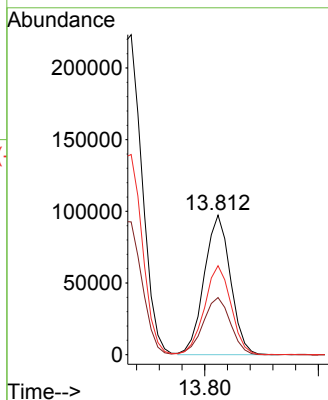
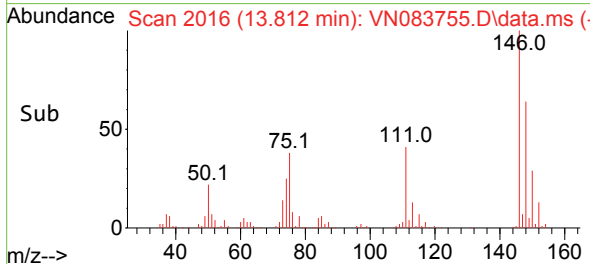


#88
1,4-Dichlorobenzene
Concen: 40.221 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

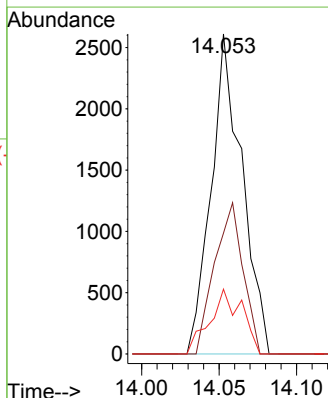
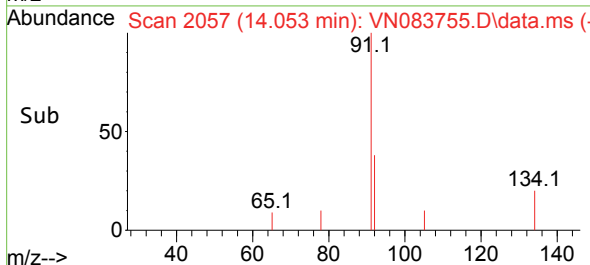
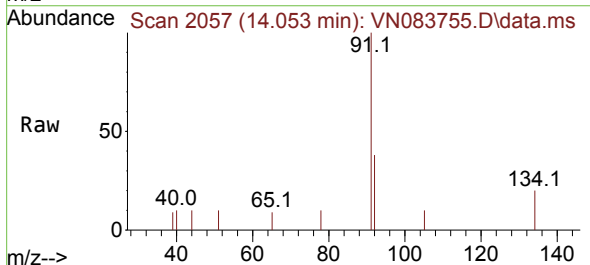


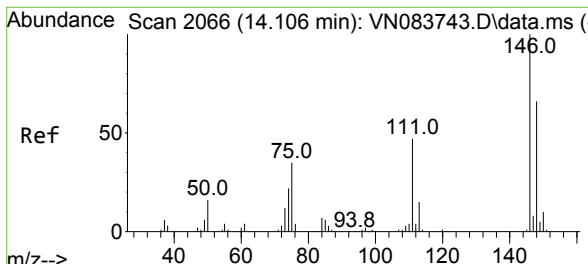
Tgt Ion:146 Resp: 156135
Ion Ratio Lower Upper
146 100
111 42.7 21.3 64.0
148 64.4 32.0 96.2



#89
n-Butylbenzene
Concen: 0.581 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion: 91 Resp: 3607
Ion Ratio Lower Upper
91 100
92 43.6 26.7 80.1
134 21.2 12.2 36.4

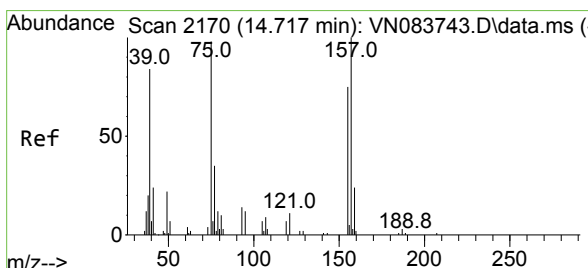
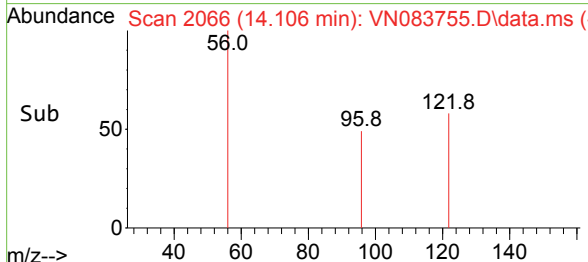
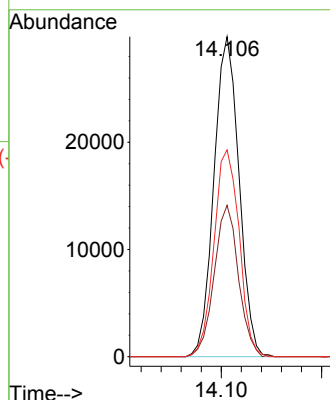
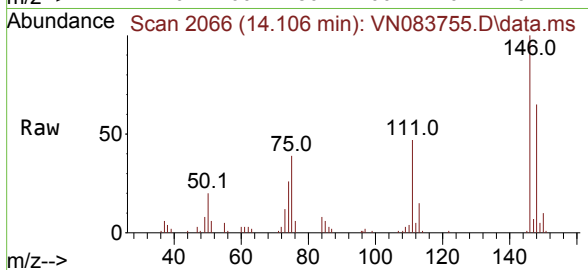




#91
1,2-Dichlorobenzene
Concen: 13.976 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

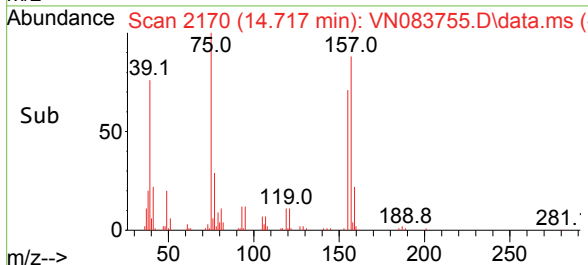
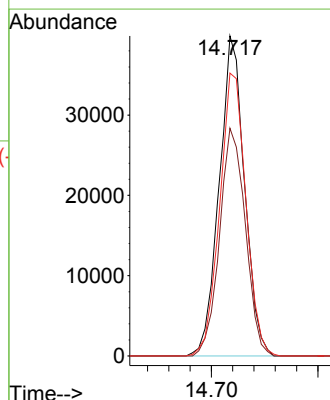
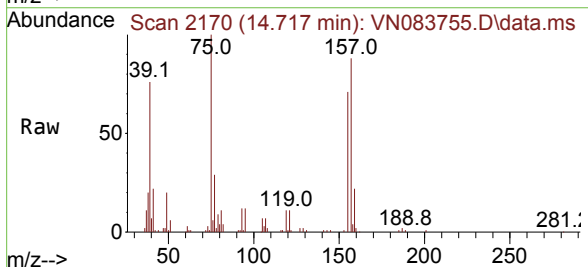
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

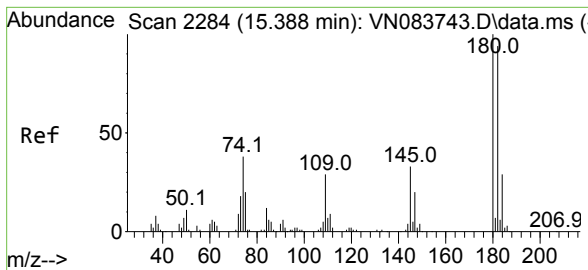
Tgt Ion:	146	Resp:	51710
Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.8	68.3
148	65.0	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 132.611 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion:	75	Resp:	65548
Ion	Ratio	Lower	Upper
75	100		
155	72.6	35.9	107.7
157	91.6	47.5	142.5

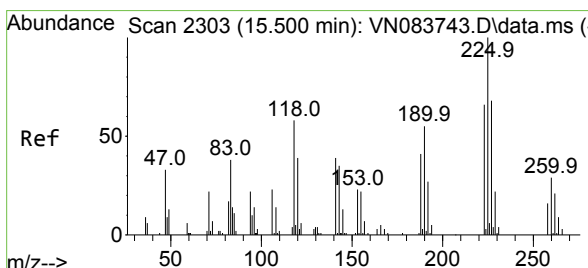
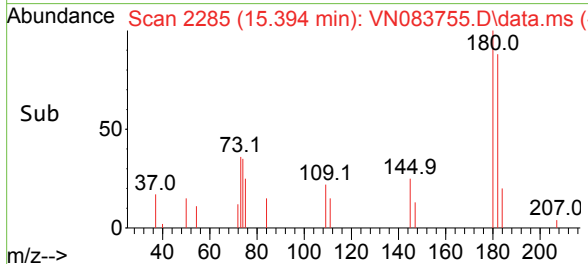
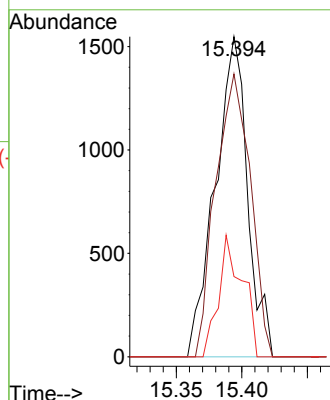
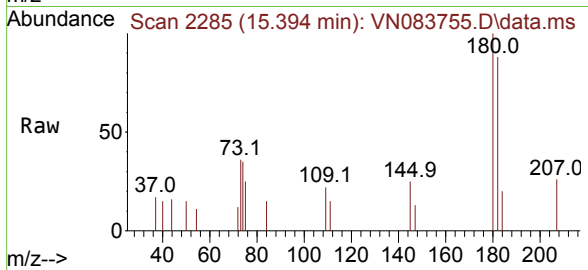




#93
 1,2,4-Trichlorobenzene
 Concen: 1.333 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083755.D
 Acq: 10 Sep 2024 16:31

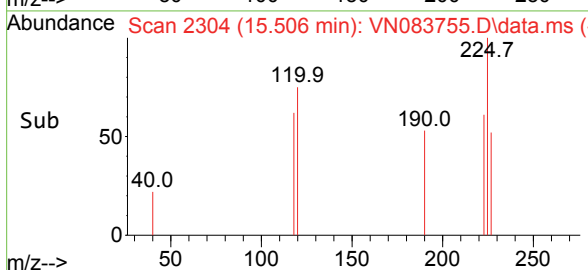
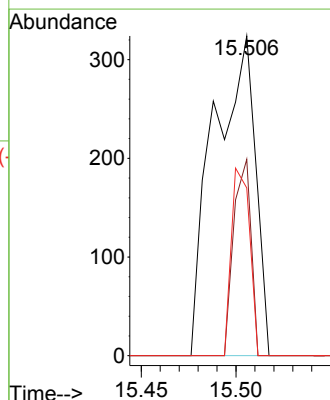
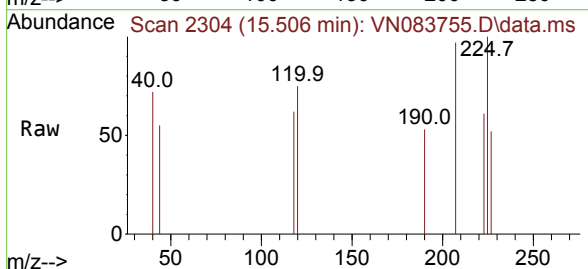
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

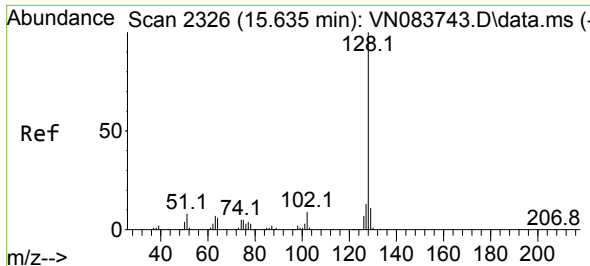
Tgt Ion:180 Resp: 2646
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.1 144.3
 145 28.2 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 0.586 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN083755.D
 Acq: 10 Sep 2024 16:31

Tgt Ion:225 Resp: 494
 Ion Ratio Lower Upper
 225 100
 223 25.5 31.9 95.5#
 227 25.7 32.0 96.2#

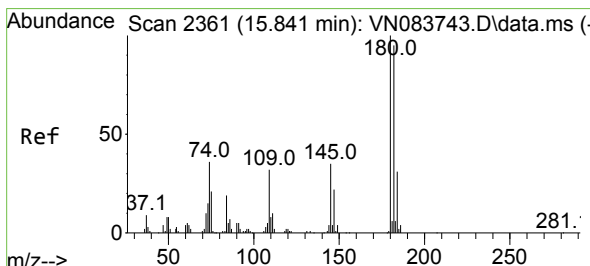
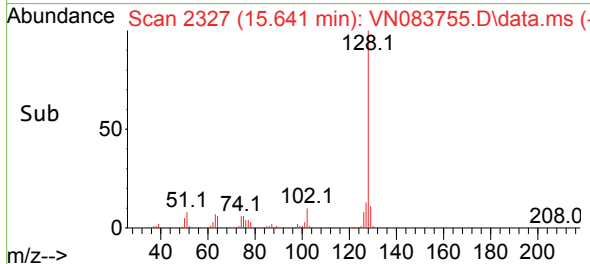
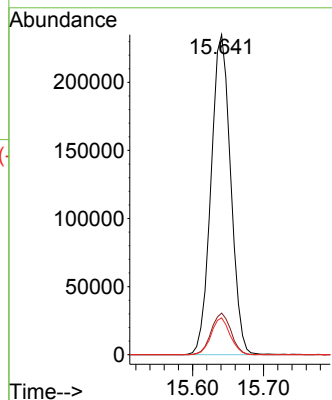
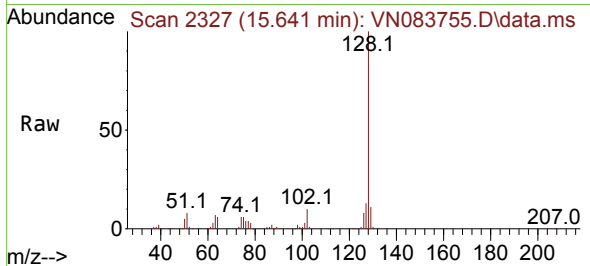




#95
Naphthalene
Concen: 74.782 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Tgt Ion:128 Resp: 451724
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.281 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083755.D
Acq: 10 Sep 2024 16:31

Tgt Ion:180 Resp: 2431
Ion Ratio Lower Upper
180 100
182 90.7 47.1 141.4
145 25.2 17.8 53.5

