

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022624\
 Data File : VD078549.D
 Acq On : 26 Feb 2024 13:03
 Operator : RP/MD
 Sample : P1538-13RE
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241106-AMENDED-COMPOSITE-35N-N-4-05RE

Quant Time: Feb 27 03:25:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

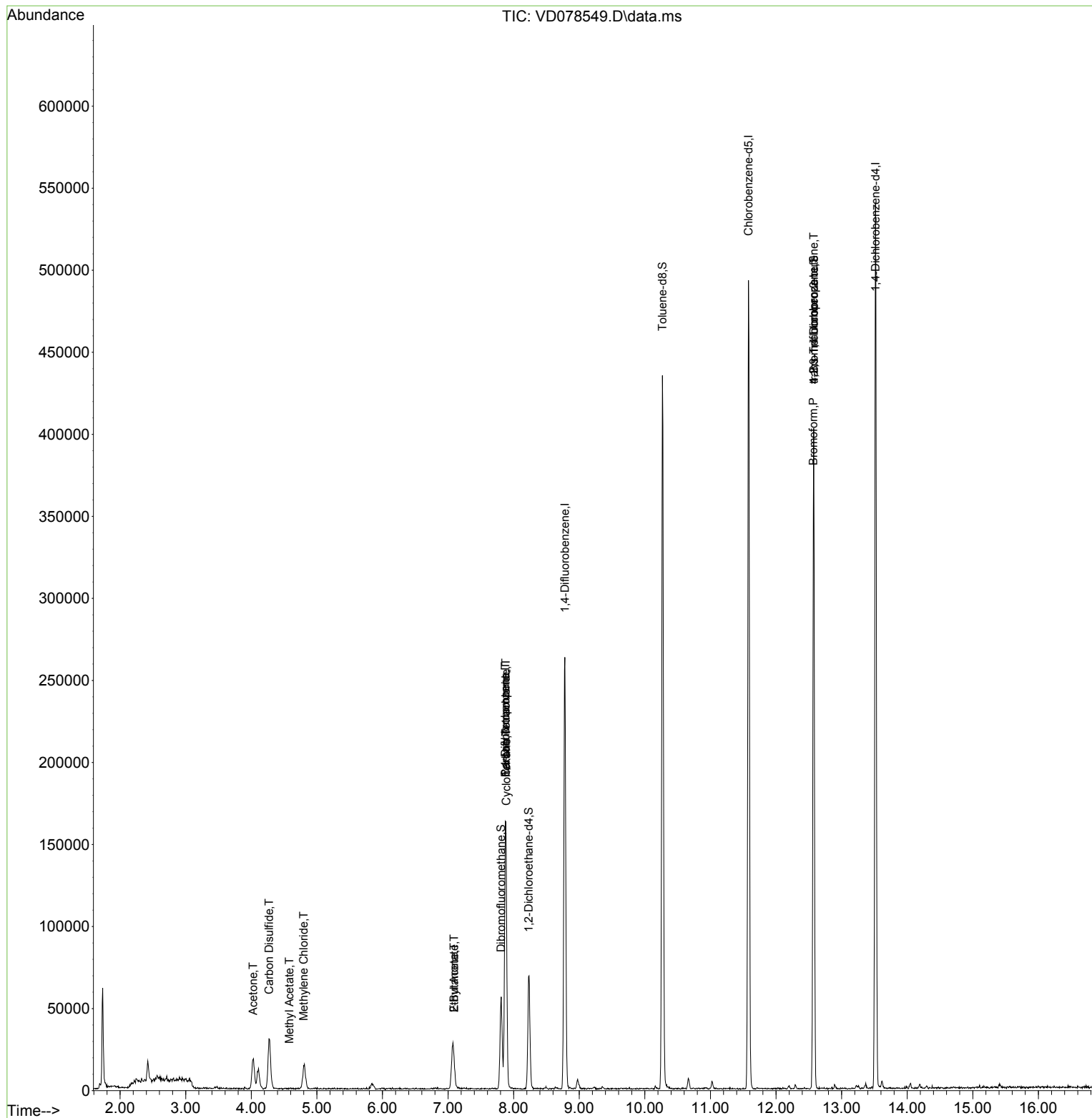
Internal Standards						
1) Pentafluorobenzene	7.875	168	131776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	242797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	295371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52848	37.091	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	74.180%		
35) Dibromofluoromethane	7.810	113	39912	25.878	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	51.760%#		
50) Toluene-d8	10.269	98	309319	50.136	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.280%		
62) 4-Bromofluorobenzene	12.575	95	119534	66.579	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	133.160%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.022	59	68	Below Cal	#	73
16) Acetone	4.028	43	32581	102.909	ug/l #	80
17) Carbon Disulfide	4.269	76	62044	12.835	ug/l #	93
18) Methyl Acetate	4.581	43	138	4.065	ug/l #	42
20) Methylene Chloride	4.798	84	12639	5.053	ug/l	90
23) Vinyl Acetate	6.057	43	59	Below Cal	#	63
25) 2-Butanone	7.092	43	8363	7.967	ug/l #	68
31) Cyclohexane	7.887	56	2649	1.099	ug/l #	25
36) 1,1-Dichloropropene	7.875	75	9754	4.071	ug/l #	47
37) Ethyl Acetate	7.092	43	8363	9.957	ug/l #	87
38) Carbon Tetrachloride	7.881	117	13423	5.657	ug/l #	15
71) Bromoform	12.569	173	1197	1.042	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	60090	48.212	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	60090	100.090	ug/l #	17

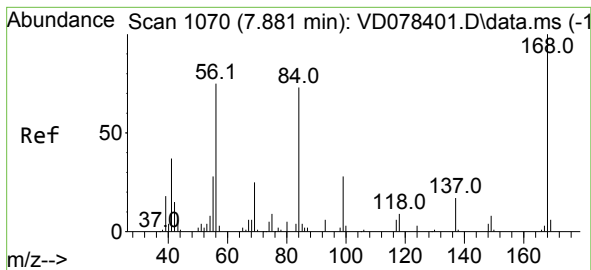
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022624\
Data File : VD078549.D
Acq On : 26 Feb 2024 13:03
Operator : RP/MD
Sample : P1538-13RE
Misc : 5.02G/5ml/MSVOA_D/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20241106-AMENDED-COMPOSITE-35N-N-4-05RE

Quant Time: Feb 27 03:25:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078549.D

Acq: 26 Feb 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

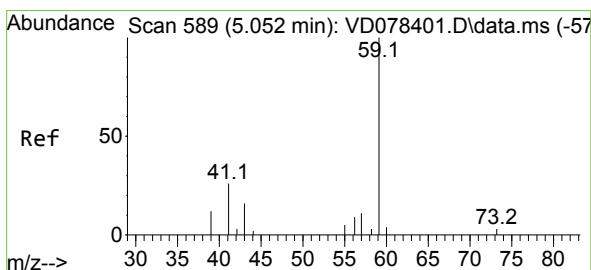
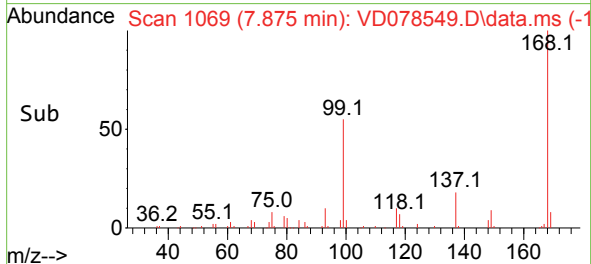
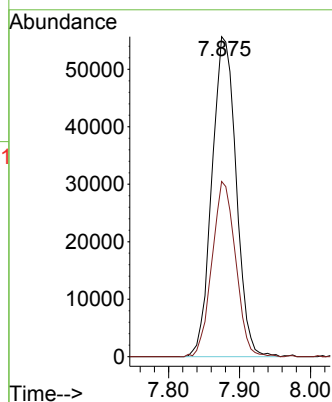
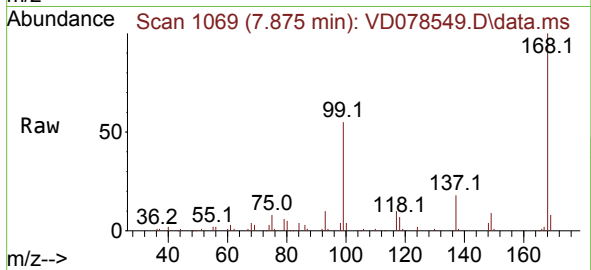
20241106-AMENDED-COMPOSITE-35N-N-4-05RE

Tgt Ion:168 Resp: 131776

Ion Ratio Lower Upper

168 100

99 54.8 36.7 55.1



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.022 min Scan# 584

Delta R.T. -0.030 min

Lab File: VD078549.D

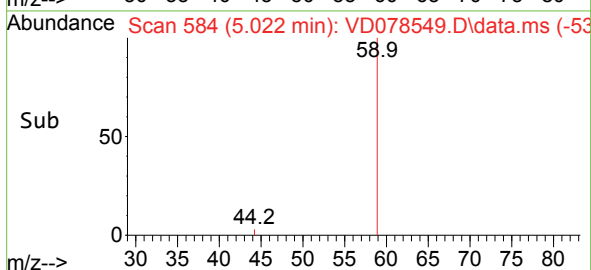
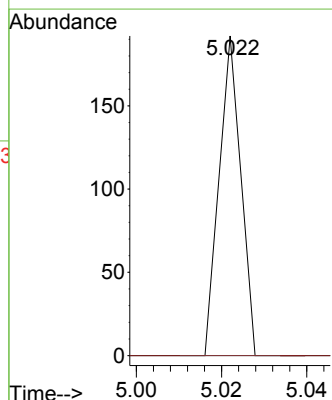
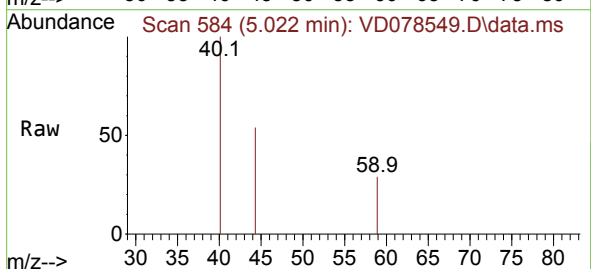
Acq: 26 Feb 2024 13:03

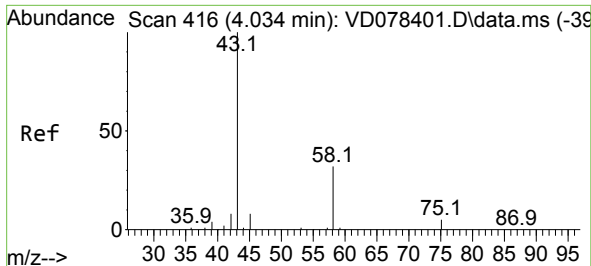
Tgt Ion: 59 Resp: 68

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

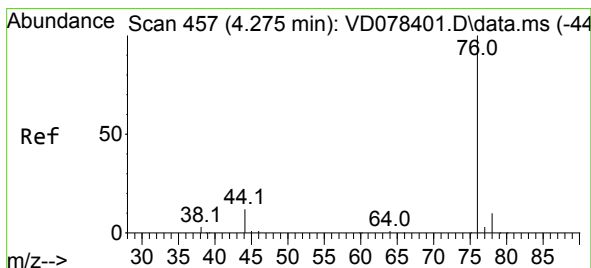
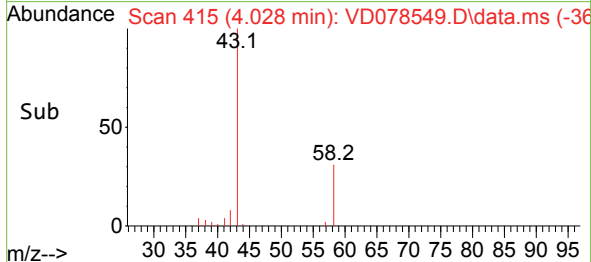
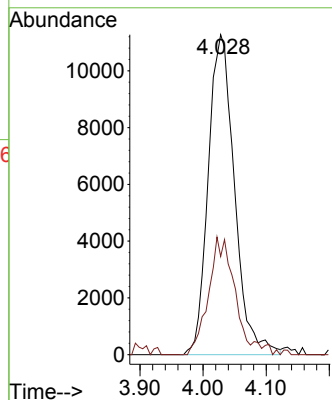
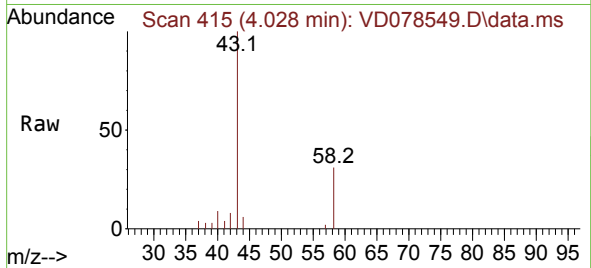




#16
Acetone
Concen: 102.909 ug/l
RT: 4.028 min Scan# 416
Delta R.T. -0.006 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

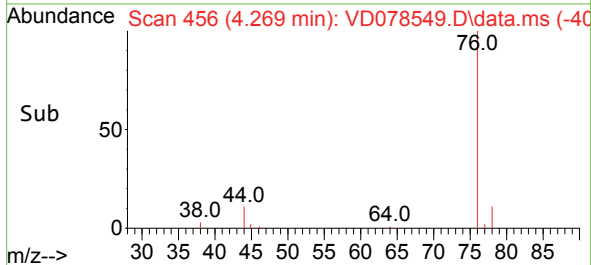
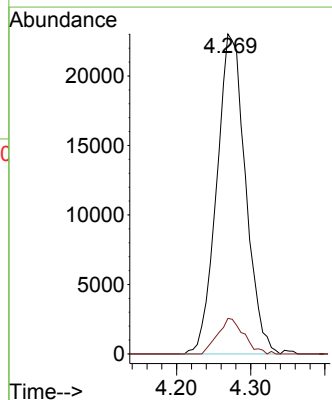
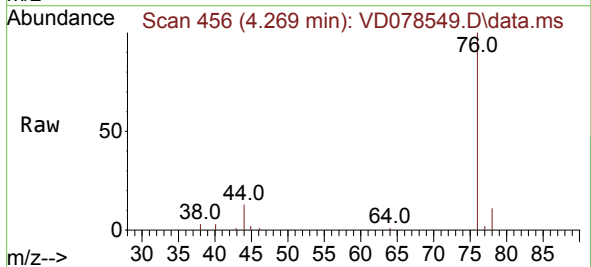
Instrument :
MSVOA_D
ClientSampleId :
20241106-AMENDED-COMPOSITE-35N-N-4-05RE

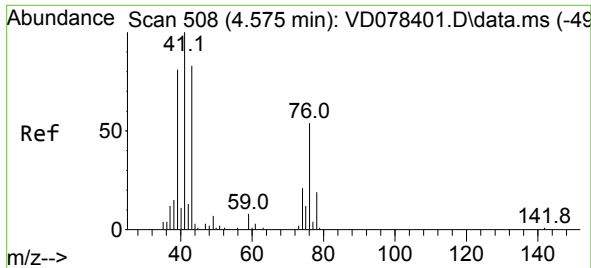
Tgt Ion: 43 Resp: 32581
Ion Ratio Lower Upper
43 100
58 30.7 34.7 52.1#



#17
Carbon Disulfide
Concen: 12.835 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

Tgt Ion: 76 Resp: 62044
Ion Ratio Lower Upper
76 100
78 11.1 6.8 10.2#

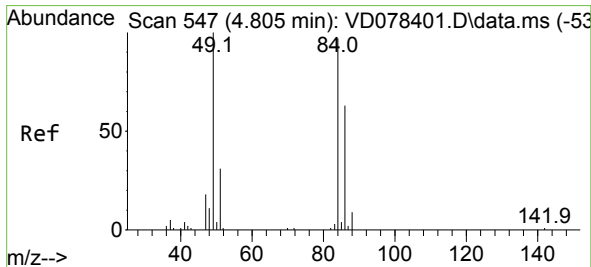
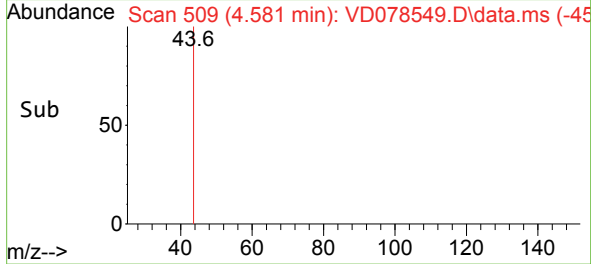
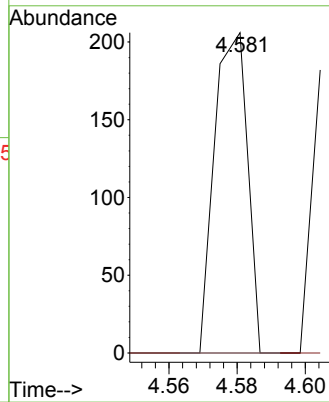
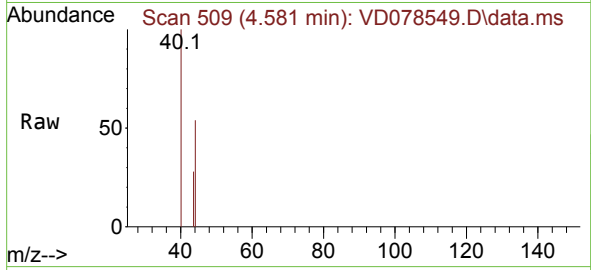




#18
Methyl Acetate
Concen: 4.065 ug/l
RT: 4.581 min Scan# 509
Delta R.T. 0.006 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

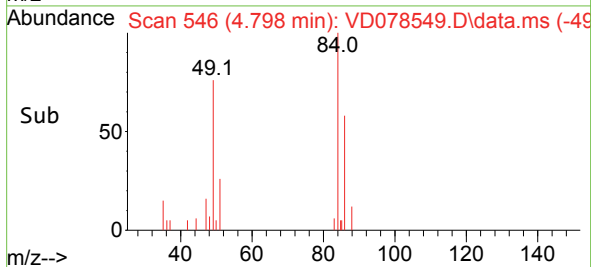
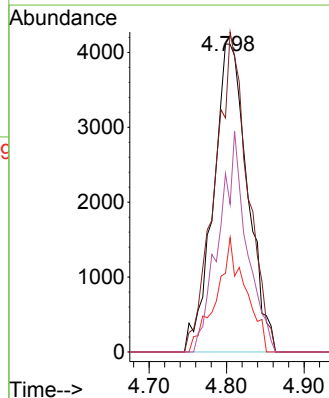
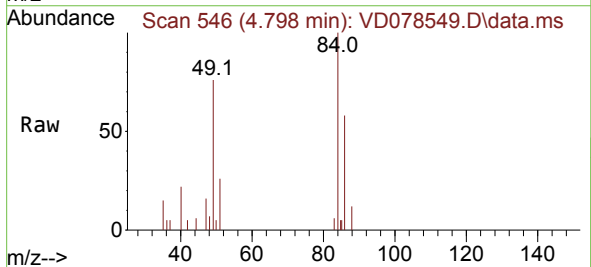
Instrument :
MSVOA_D
ClientSampleId :
20241106-AMENDED-COMPOSITE-35N-N-4-05RE

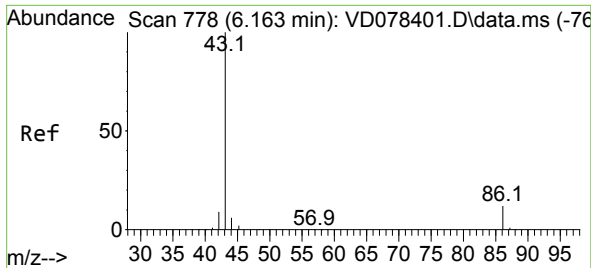
Tgt Ion: 43 Resp: 138
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: 5.053 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.007 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

Tgt Ion: 84 Resp: 12639
Ion Ratio Lower Upper
84 100
49 75.9 71.4 107.2
51 25.6 24.5 36.7
86 57.9 48.7 73.1

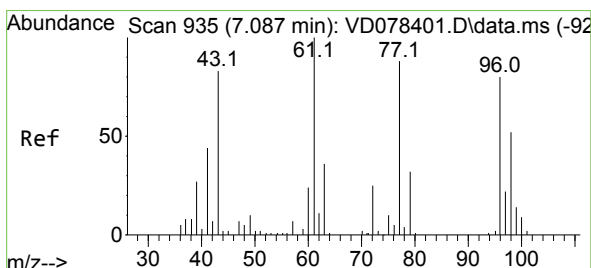
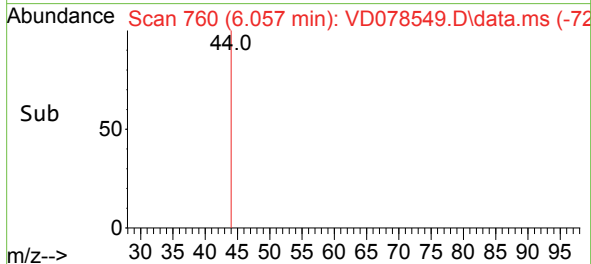
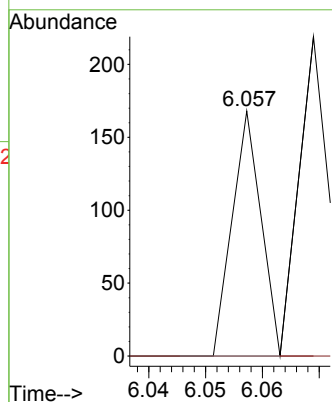
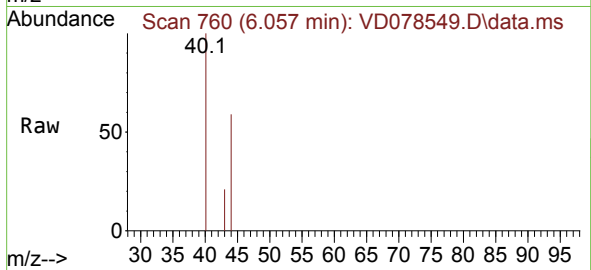




#23
 Vinyl Acetate
 Concen: Below Cal
 RT: 6.057 min Scan# 71
 Delta R.T. -0.106 min
 Lab File: VD078549.D
 Acq: 26 Feb 2024 13:03

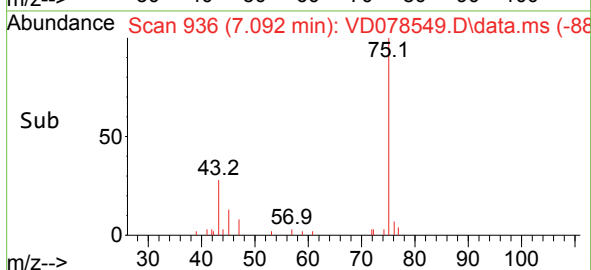
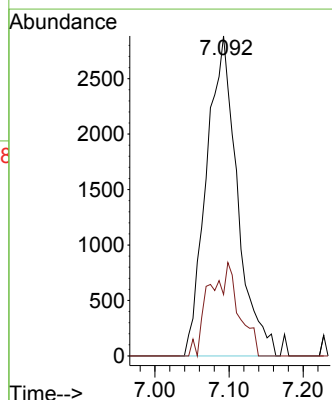
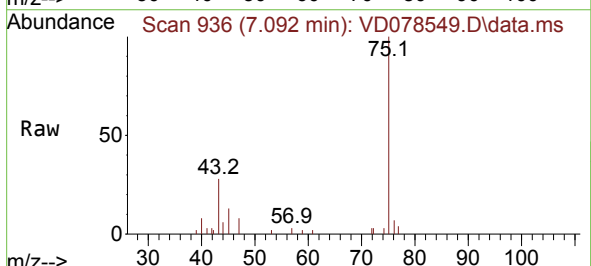
Instrument : MSVOA_D
 ClientSampleId : 20241106-AMENDED-COMPOSITE-35N-N-4-05RE

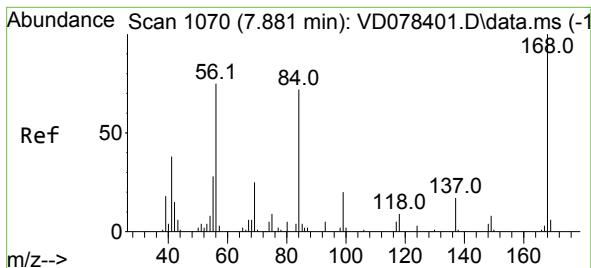
Tgt Ion: 43 Resp: 59
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#25
 2-Butanone
 Concen: 7.967 ug/l
 RT: 7.092 min Scan# 936
 Delta R.T. 0.005 min
 Lab File: VD078549.D
 Acq: 26 Feb 2024 13:03

Tgt Ion: 43 Resp: 8363
 Ion Ratio Lower Upper
 43 100
 72 19.2 30.7 46.1#





#31

Cyclohexane

Concen: 1.099 ug/l

RT: 7.887 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD078549.D

Acq: 26 Feb 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05RE

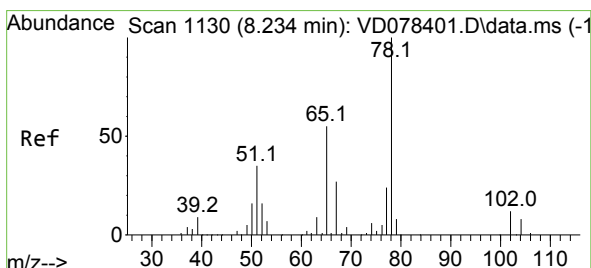
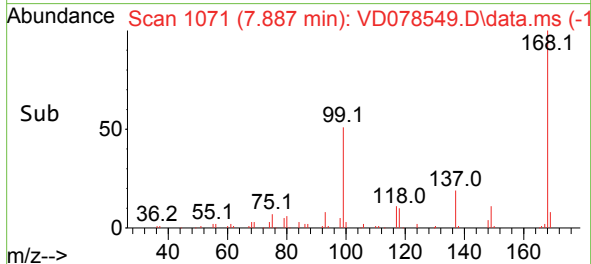
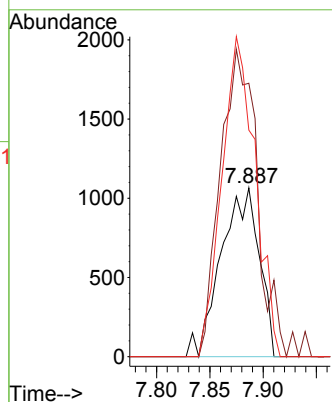
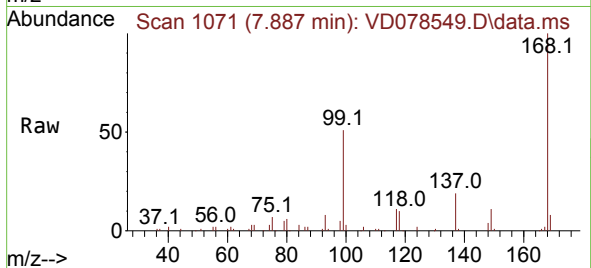
Tgt Ion: 56 Resp: 2649

Ion Ratio Lower Upper

56 100

69 162.1 28.6 43.0#

84 134.3 84.8 127.2#



#33

1,2-Dichloroethane-d4

Concen: 37.091 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078549.D

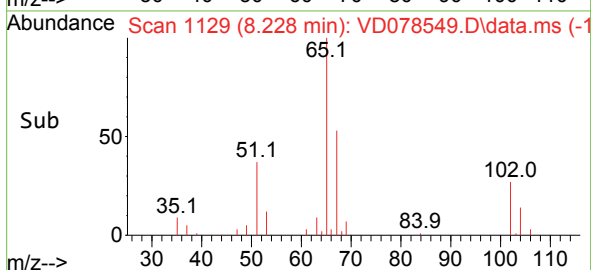
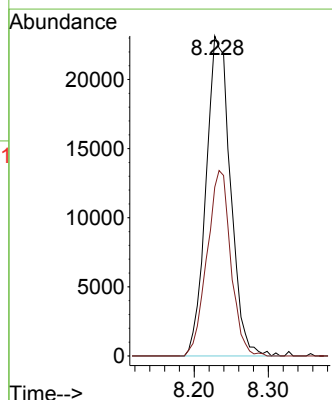
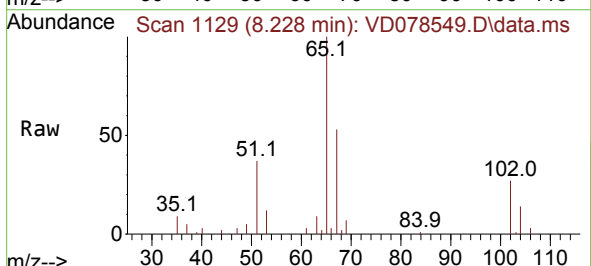
Acq: 26 Feb 2024 13:03

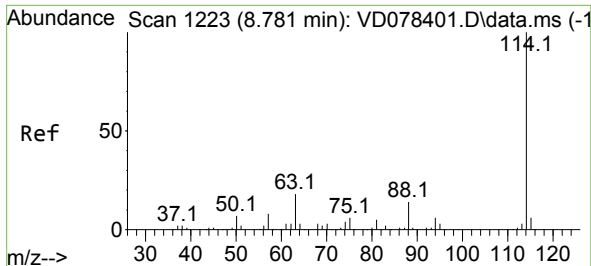
Tgt Ion: 65 Resp: 52848

Ion Ratio Lower Upper

65 100

67 56.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078549.D

Acq: 26 Feb 2024 13:03

Instrument :

MSVOA_D

ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05RE

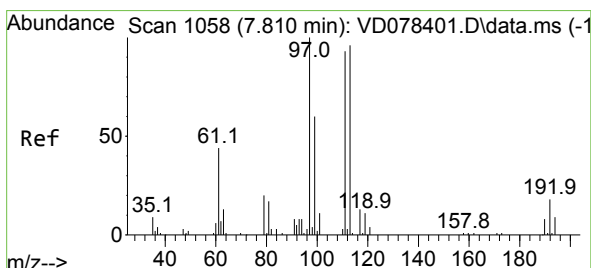
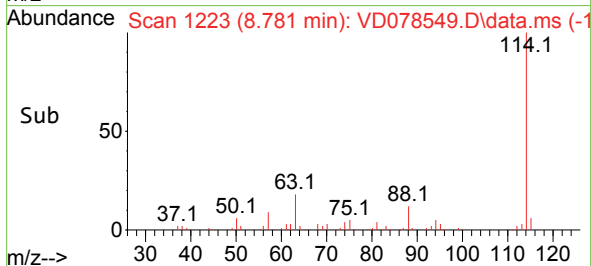
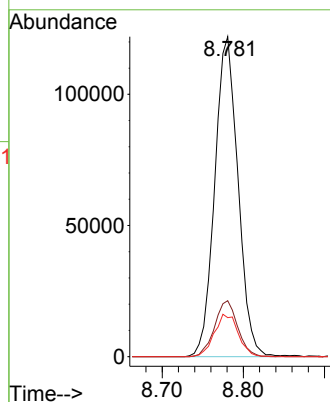
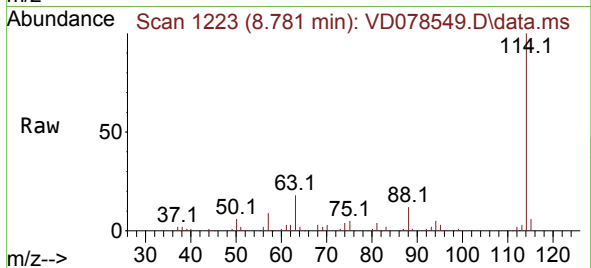
Tgt Ion:114 Resp: 242797

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 12.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 25.878 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078549.D

Acq: 26 Feb 2024 13:03

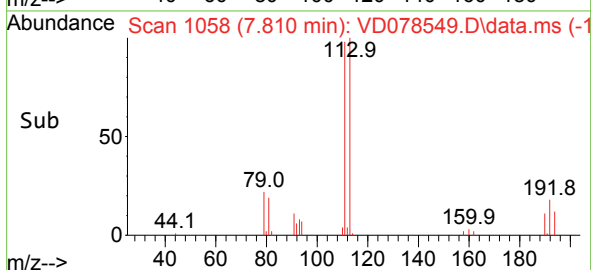
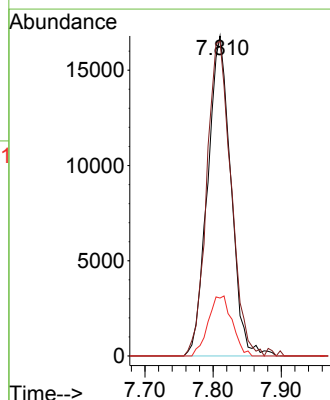
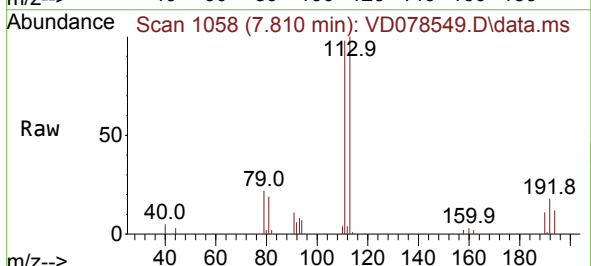
Tgt Ion:113 Resp: 39912

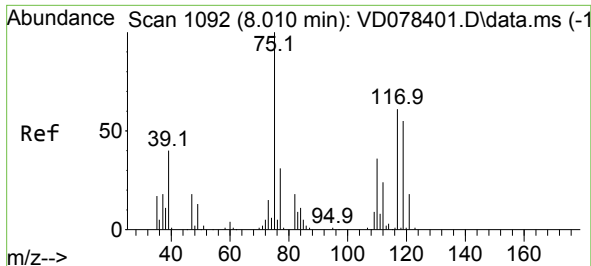
Ion Ratio Lower Upper

113 100

111 102.5 84.7 127.1

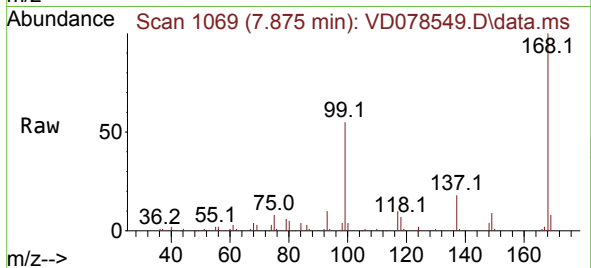
192 19.3 16.8 25.2



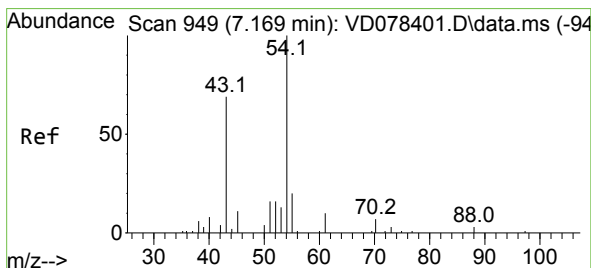
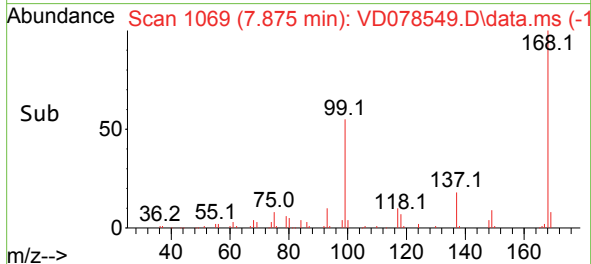
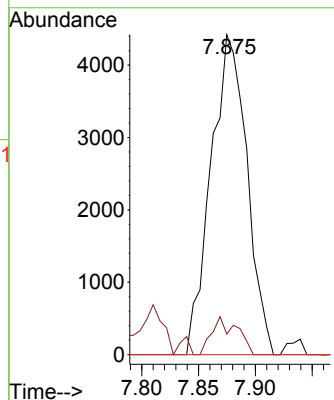


#36
1,1-Dichloropropene
Concen: 4.071 ug/l
RT: 7.875 min Scan# 1092
Delta R.T. -0.136 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

Instrument : MSVOA_D
ClientSampleId : 20241106-AMENDED-COMPOSITE-35N-N-4-05RE

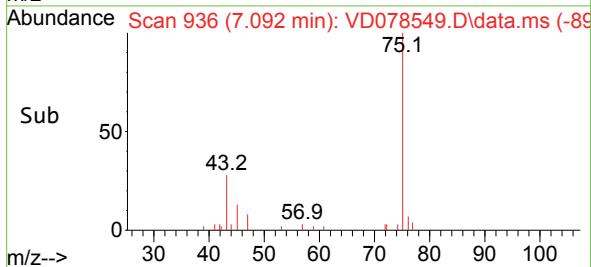
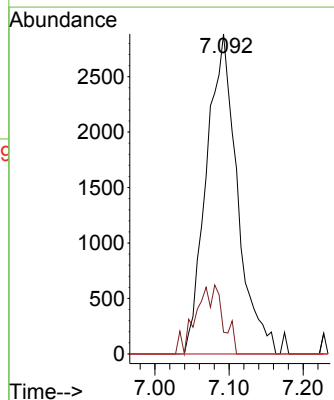
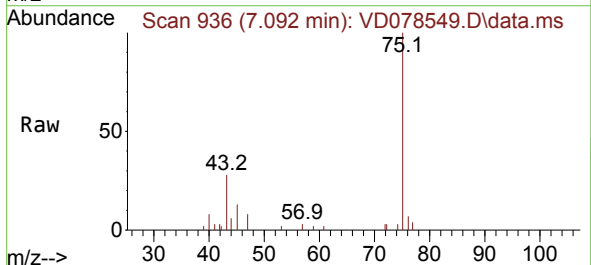


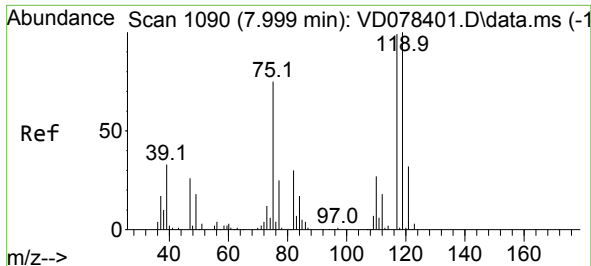
Tgt Ion: 75 Resp: 9754
Ion Ratio Lower Upper
75 100
110 8.3 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 9.957 ug/l
RT: 7.092 min Scan# 936
Delta R.T. -0.077 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

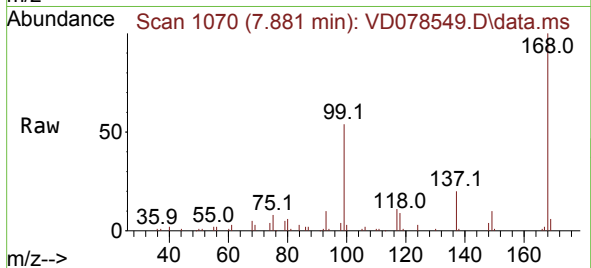
Tgt Ion: 43 Resp: 8363
Ion Ratio Lower Upper
43 100
61 19.0 14.9 22.3
70 0.0 10.0 15.0#



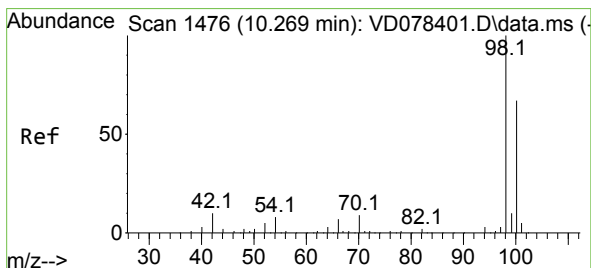
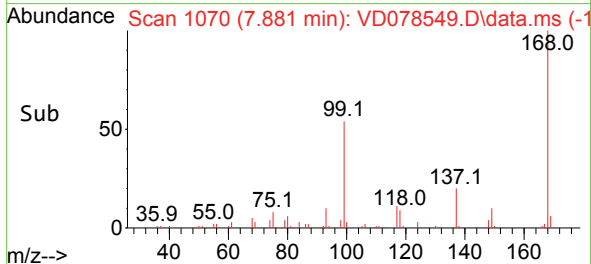
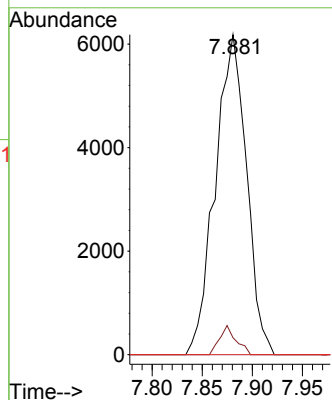


#38
Carbon Tetrachloride
Concen: 5.657 ug/l
RT: 7.881 min Scan# 1090
Delta R.T. -0.118 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

Instrument : MSVOA_D
ClientSampleId : 20241106-AMENDED-COMPOSITE-35N-N-4-05RE

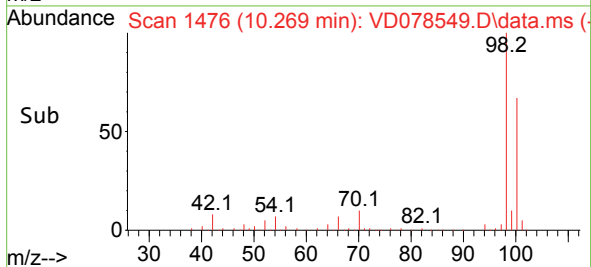
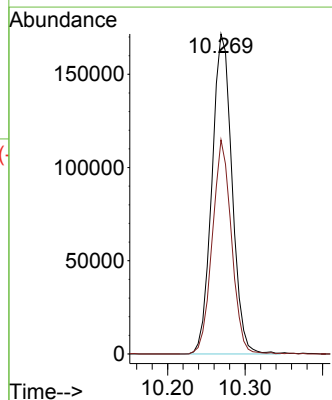
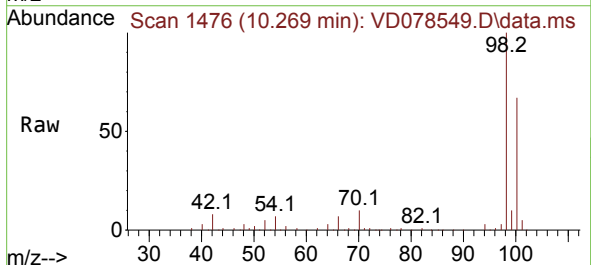


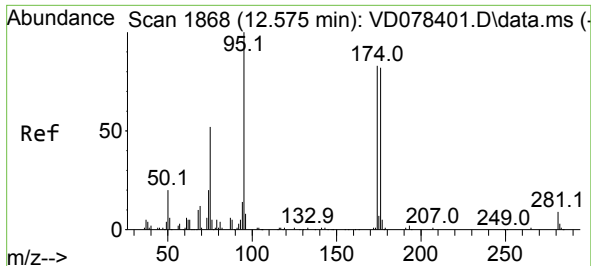
Tgt Ion:117 Resp: 13423
Ion Ratio Lower Upper
117 100
119 5.3 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.136 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

Tgt Ion: 98 Resp: 309319
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5

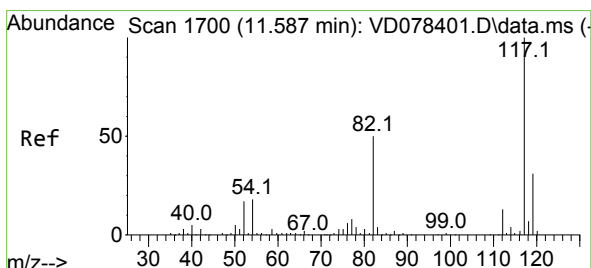
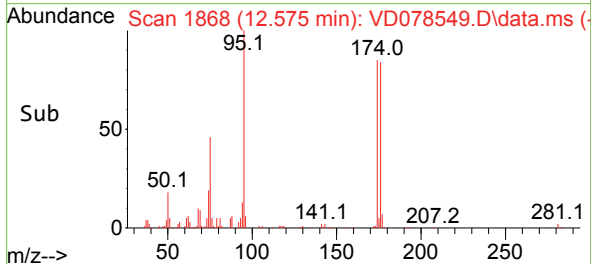
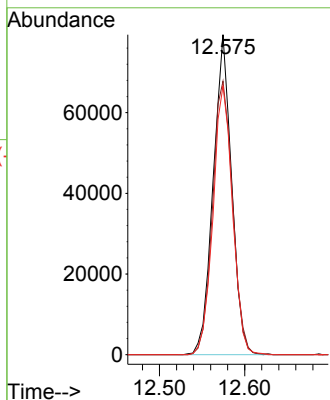
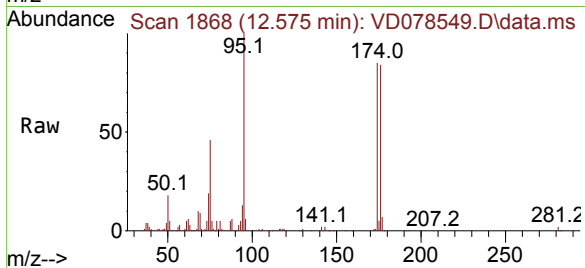




#62
4-Bromofluorobenzene
Concen: 66.579 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

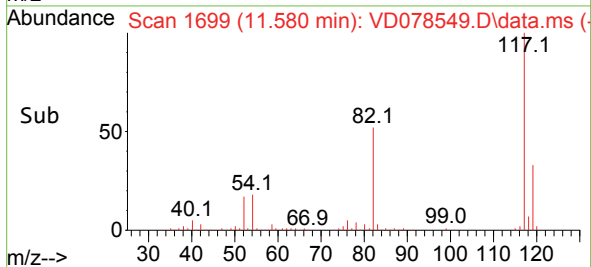
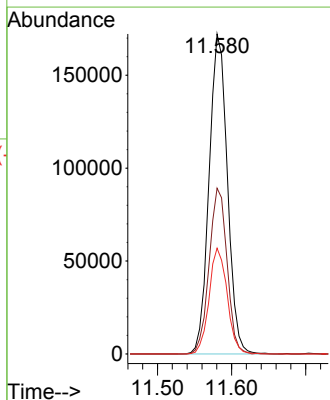
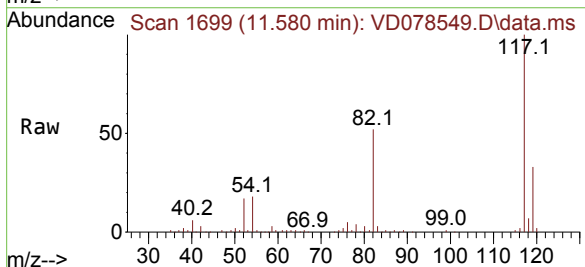
Instrument : MSVOA_D
ClientSampleId : 20241106-AMENDED-COMPOSITE-35N-N-4-05RE

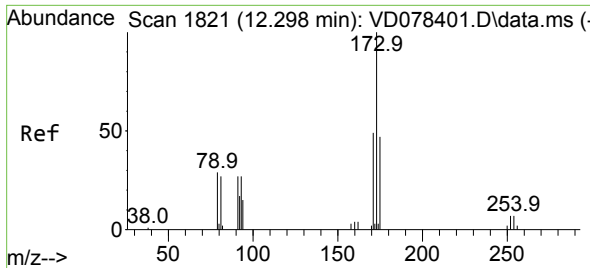
Tgt Ion:	95	Resp:	119534
Ion Ratio	Lower	Upper	
95	100		
174	92.7	0.0	201.8
176	88.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

Tgt Ion:	117	Resp:	295371
Ion Ratio	Lower	Upper	
117	100		
82	51.8	38.3	57.5
119	33.0	25.0	37.4

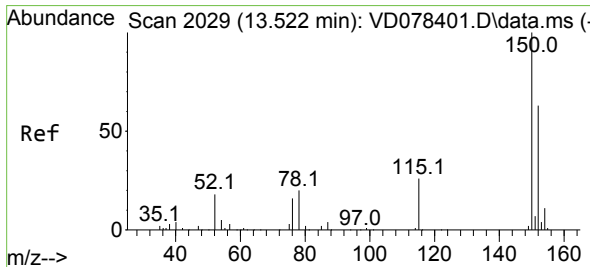
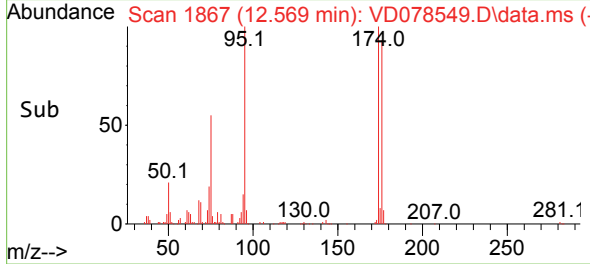
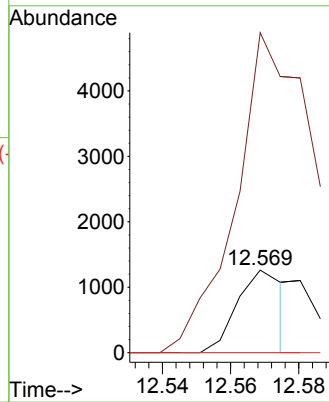
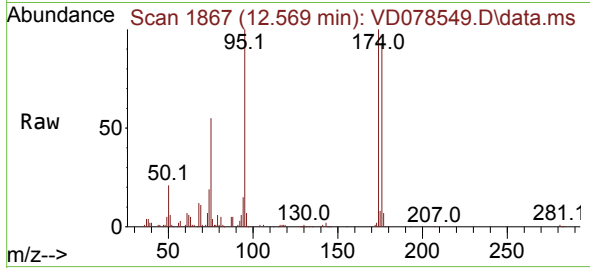




#71
Bromoform
Concen: 1.042 ug/l
RT: 12.569 min Scan# 1197
Delta R.T. 0.270 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

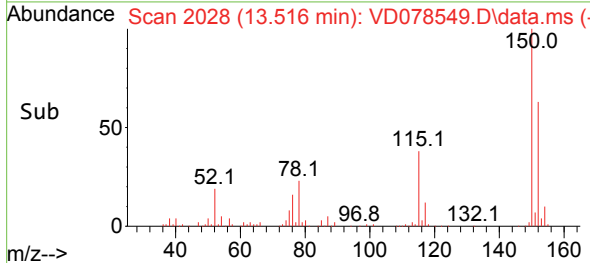
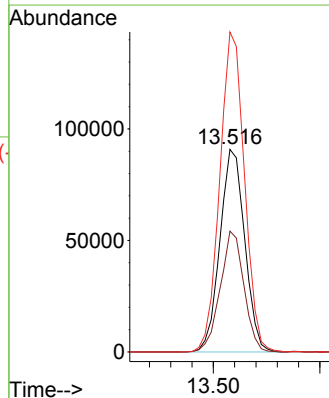
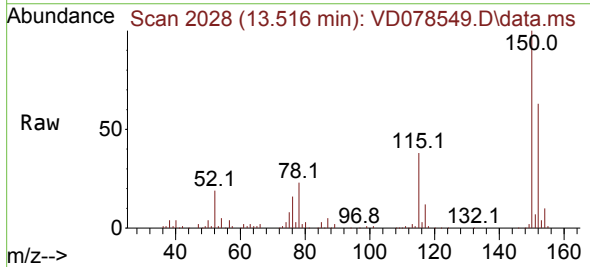
Instrument : MSVOA_D
ClientSampleId : 20241106-AMENDED-COMPOSITE-35N-N-4-05RE

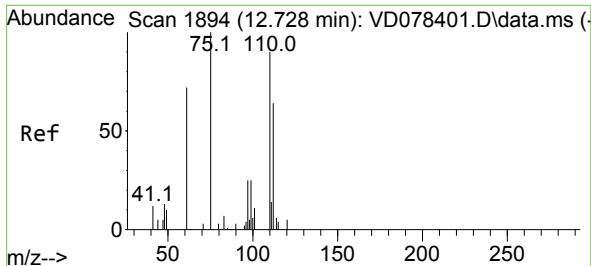
Tgt Ion:173 Resp: 1197
Ion Ratio Lower Upper
173 100
175 410.0 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

Tgt Ion:152 Resp: 146809
Ion Ratio Lower Upper
152 100
115 56.9 27.1 81.3
150 156.7 0.0 353.6

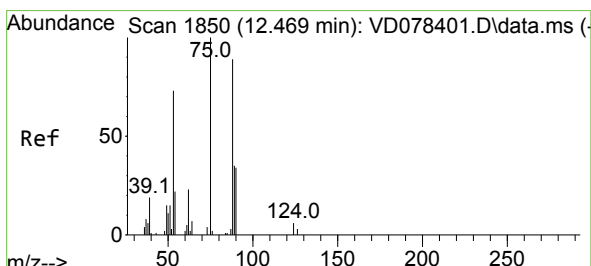
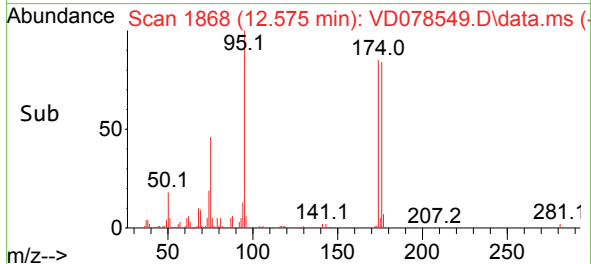
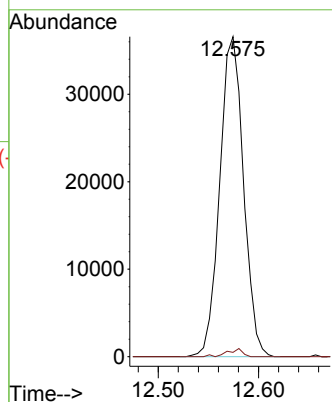
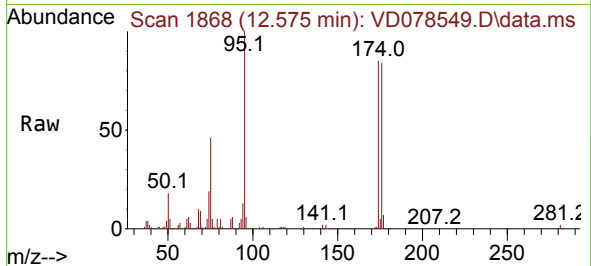




#76
1,2,3-Trichloropropane
Concen: 48.212 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

Instrument : MSVOA_D
ClientSampleId : 20241106-AMENDED-COMPOSITE-35N-N-4-05RE

Tgt Ion: 75 Resp: 60090
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.090 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078549.D
Acq: 26 Feb 2024 13:03

Tgt Ion: 75 Resp: 60090
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

