

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078500.D
 Acq On : 21 Feb 2024 15:46
 Operator : RP/MD
 Sample : P1538-05
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241100-COMPOSITE-35N-N-4-05

Quant Time: Feb 22 00:05:06 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)

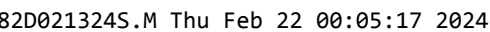
Internal Standards						
1) Pentafluorobenzene	7.881	168	100655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	209180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100830	50.000	ug/l	0.00

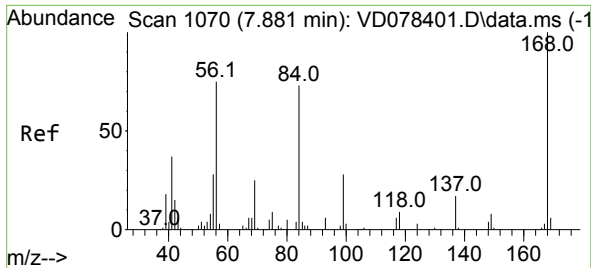
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50824	46.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.400%
35) Dibromofluoromethane	7.810	113	65288	49.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.269	98	265789	50.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.575	95	90030	58.204	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	116.400%

Target Compounds					Qvalue	
16) Acetone	4.034	43	5780	4.558	ug/l #	82
17) Carbon Disulfide	4.275	76	5990	1.622	ug/l #	73
18) Methyl Acetate	4.587	43	62	4.013	ug/l #	42
20) Methylene Chloride	4.811	84	8563	4.110	ug/l #	90
25) 2-Butanone	7.099	43	1949	Below Cal	#	70
31) Cyclohexane	7.869	56	2254	1.224	ug/l #	68
36) 1,1-Dichloropropene	7.875	75	8017	3.884	ug/l #	49
38) Carbon Tetrachloride	7.875	117	10577	5.174	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	47970	56.039	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	47970	116.337	ug/l #	17

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

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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

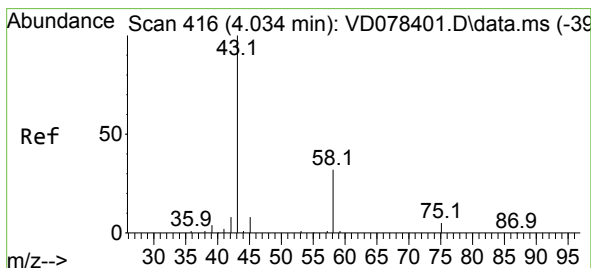
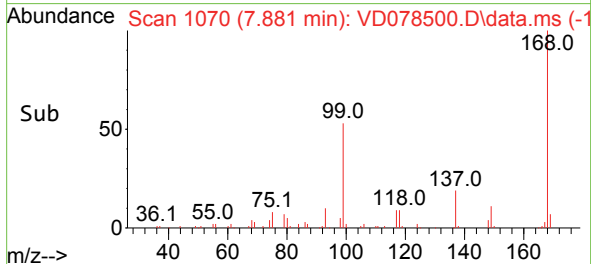
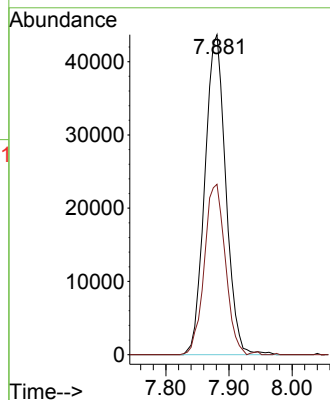
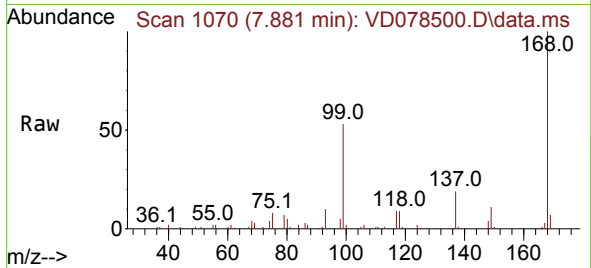




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

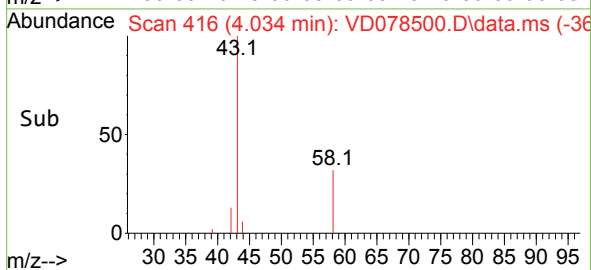
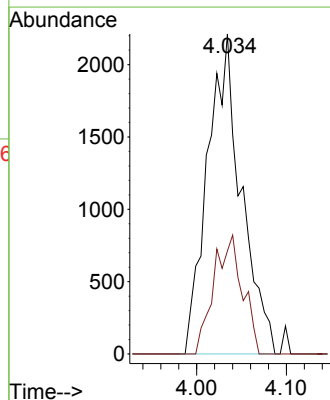
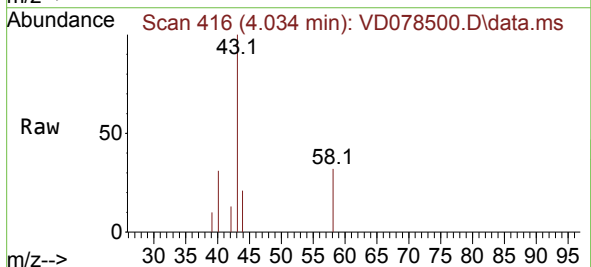
Instrument :
MSVOA_D
ClientSampleId :
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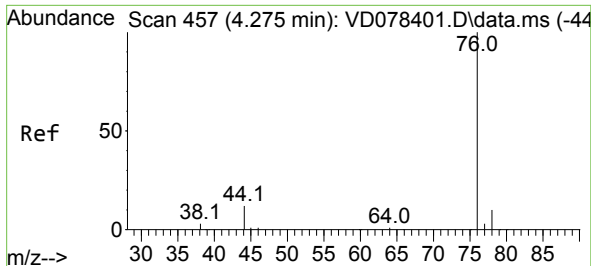
Tgt Ion:168 Resp: 100655
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#16
Acetone
Concen: 4.558 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.000 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

Tgt Ion: 43 Resp: 5780
Ion Ratio Lower Upper
43 100
58 32.1 34.7 52.1#

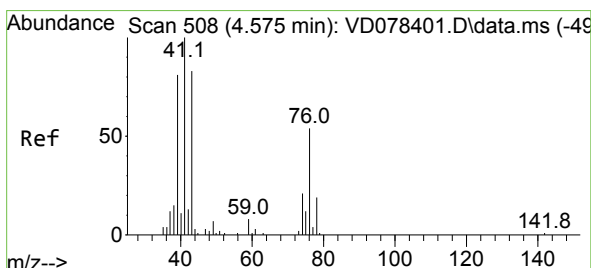
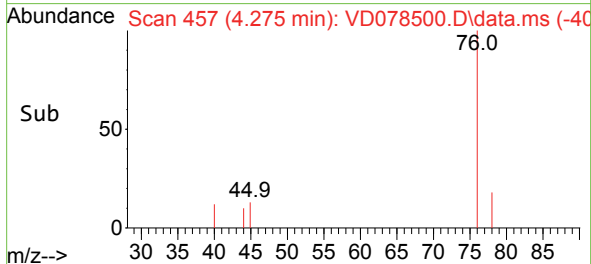
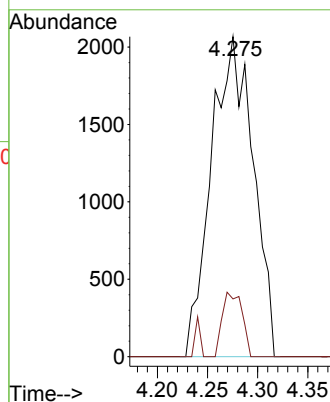
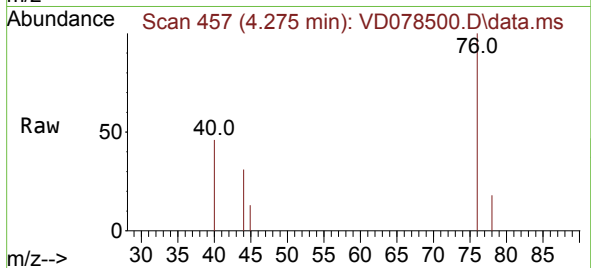




#17
Carbon Disulfide
Concen: 1.622 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

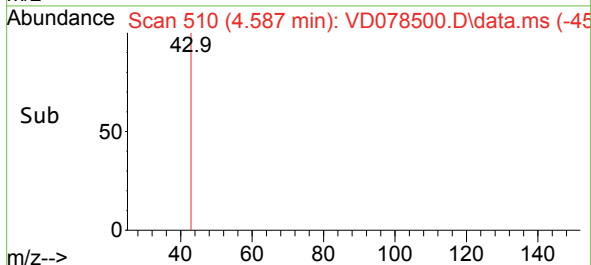
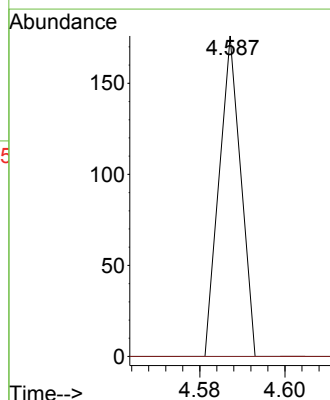
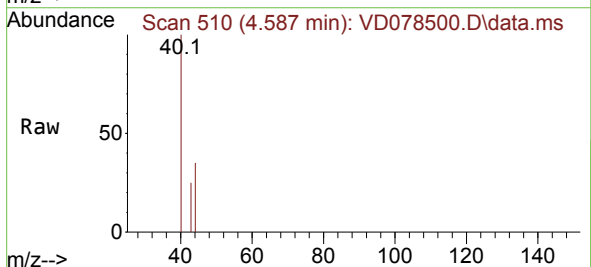
Instrument :
MSVOA_D
ClientSampleId :
20241100-COMPOSITE-35N-N-4-05

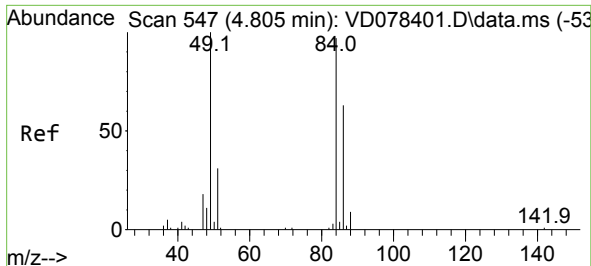
Tgt Ion: 76 Resp: 5990
Ion Ratio Lower Upper
76 100
78 18.0 6.8 10.2#



#18
Methyl Acetate
Concen: 4.013 ug/l
RT: 4.587 min Scan# 510
Delta R.T. 0.012 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

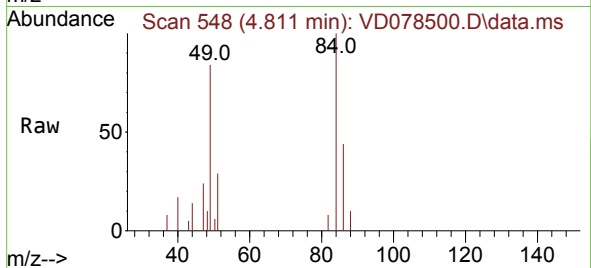
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



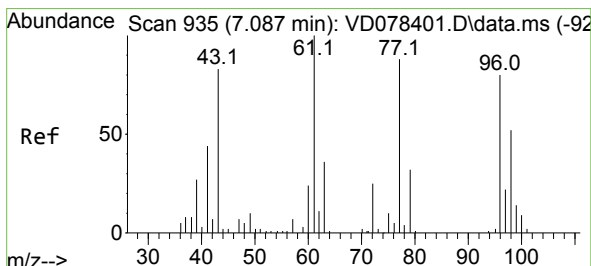
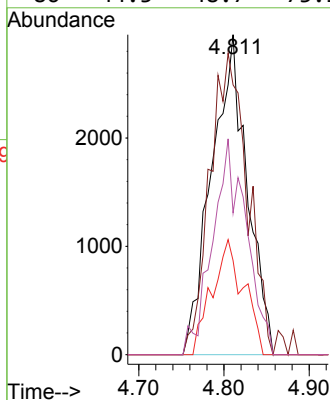
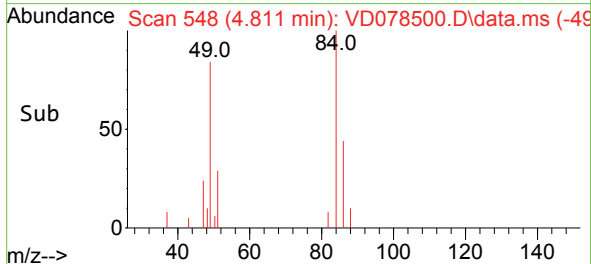


#20
Methylene Chloride
Concen: 4.110 ug/l
RT: 4.811 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :
20241100-COMPOSITE-35N-N-4-05

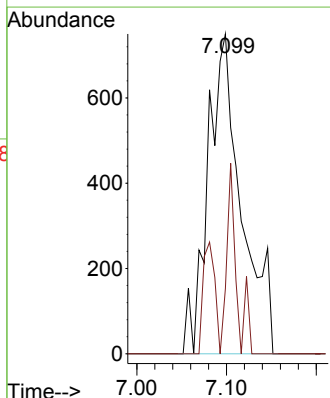
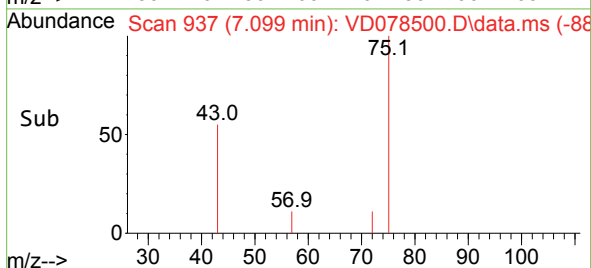
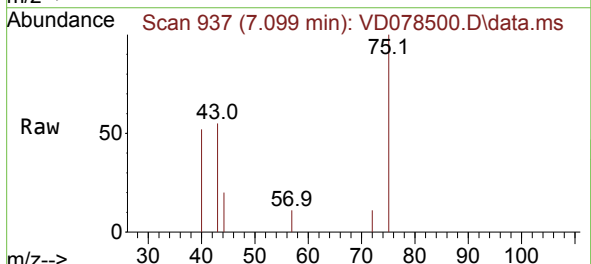


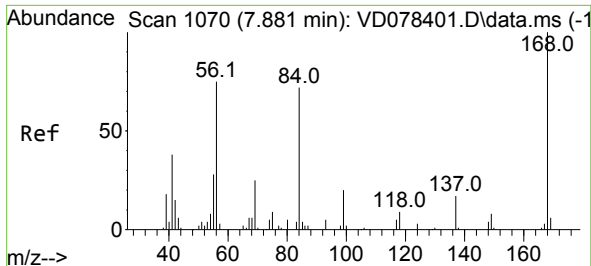
Tgt Ion: 84 Resp: 8563
Ion Ratio Lower Upper
84 100
49 84.3 71.4 107.2
51 29.4 24.5 36.7
86 44.3 48.7 73.1#



#25
2-Butanone
Concen: Below Cal
RT: 7.099 min Scan# 937
Delta R.T. 0.012 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

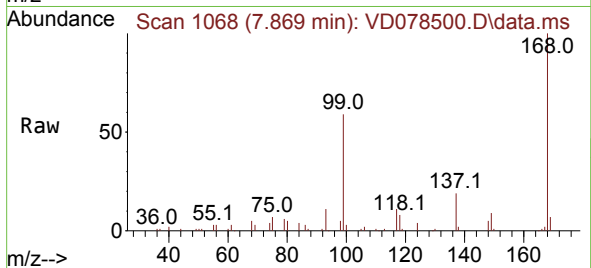
Tgt Ion: 43 Resp: 1949
Ion Ratio Lower Upper
43 100
72 20.4 30.7 46.1#



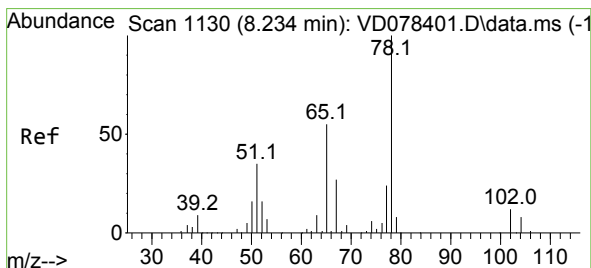
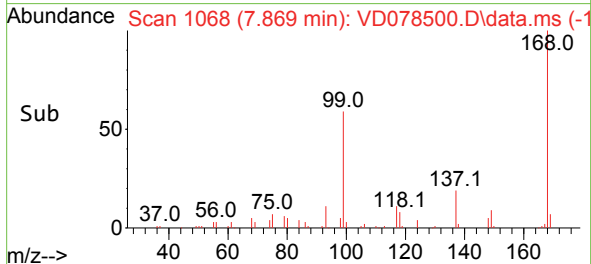
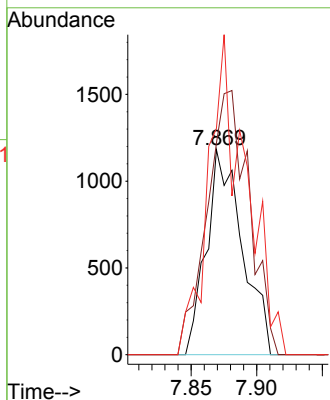


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :
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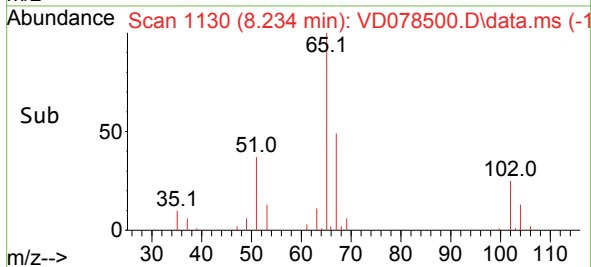
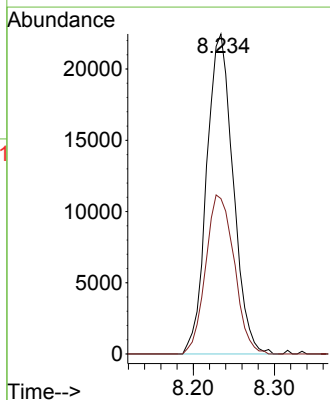
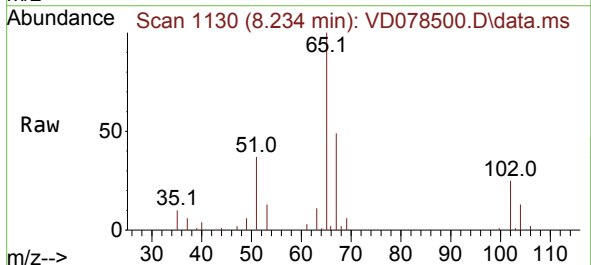


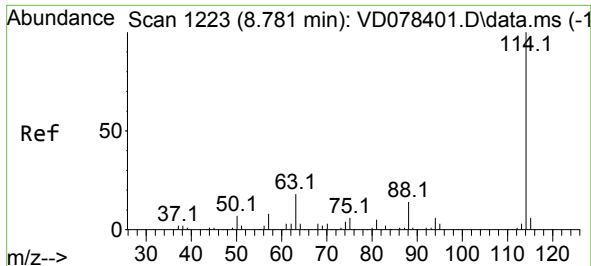
Tgt Ion: 56 Resp: 2254
Ion Ratio Lower Upper
56 100
69 103.3 28.6 43.0#
84 110.5 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 46.699 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

Tgt Ion: 65 Resp: 50824
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0

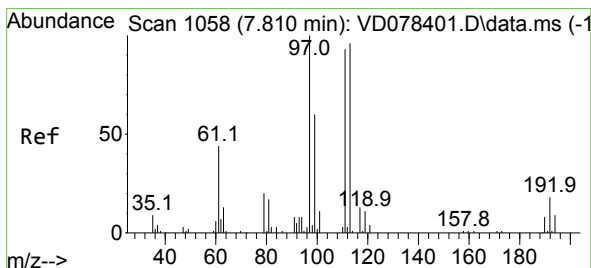
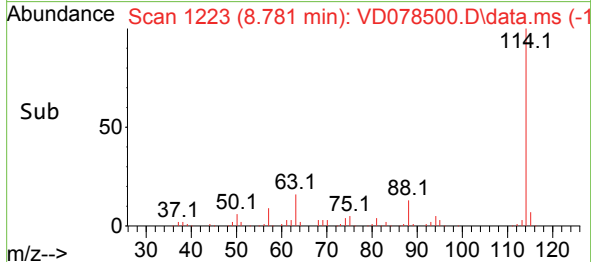
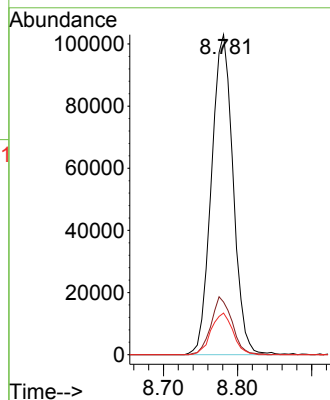
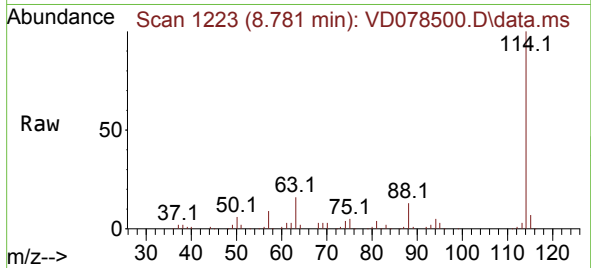




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

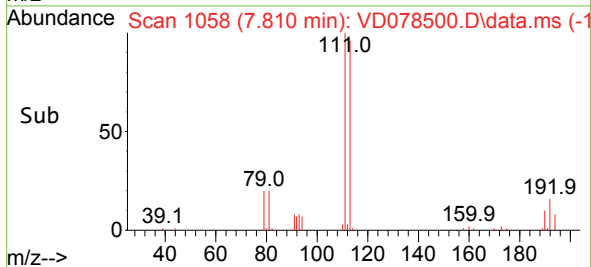
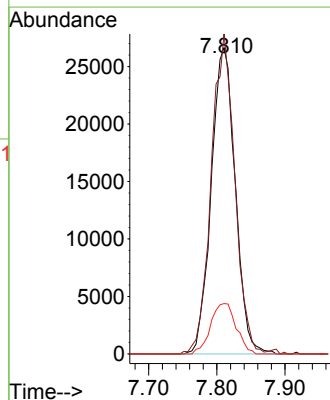
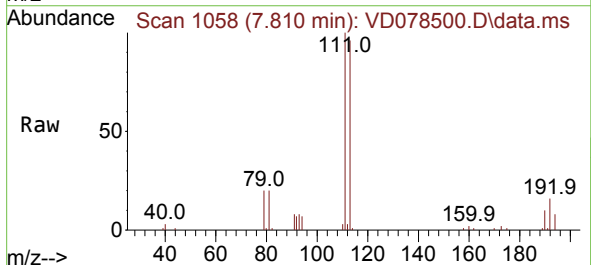
Instrument :
MSVOA_D
ClientSampleId :
20241100-COMPOSITE-35N-N-4-05

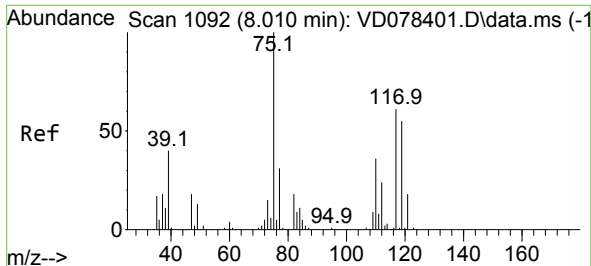
Tgt Ion:114 Resp: 209180
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.4
88 13.0 0.0 26.2



#35
Dibromofluoromethane
Concen: 49.135 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

Tgt Ion:113 Resp: 65288
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 17.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.884 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078500.D

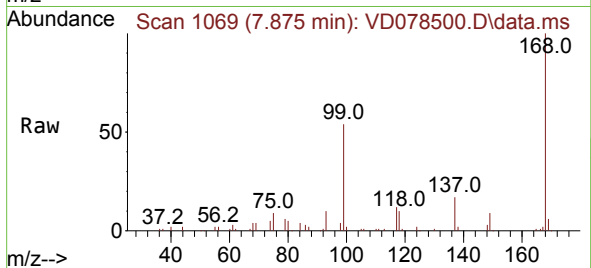
Acq: 21 Feb 2024 15:46

Instrument :

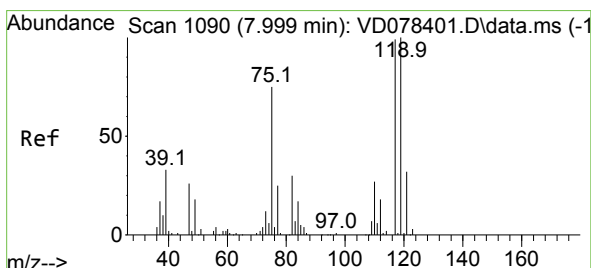
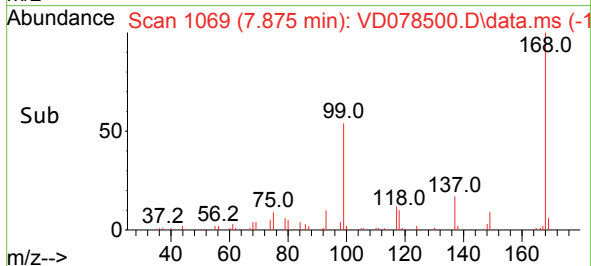
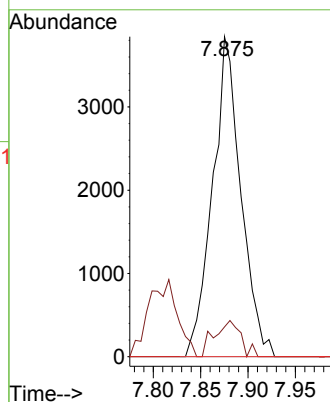
MSVOA_D

ClientSampleId :

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Tgt Ion: 75	Resp: 8017
Ion Ratio	Lower Upper
75	100
110	10.5 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.174 ug/l

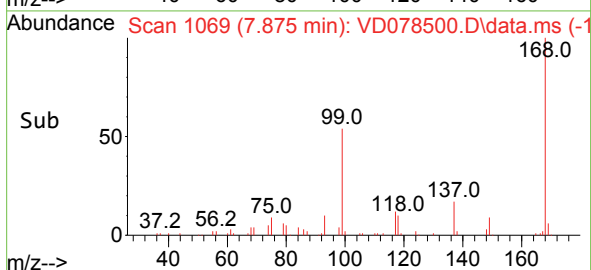
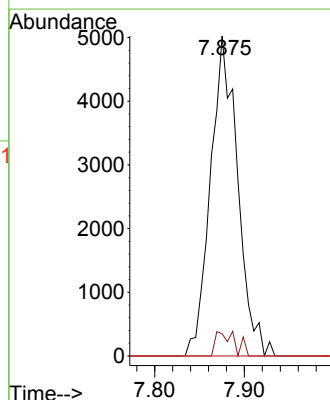
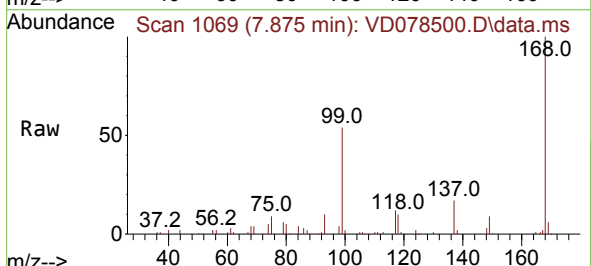
RT: 7.875 min Scan# 1069

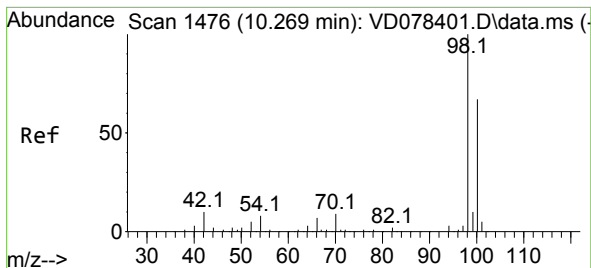
Delta R.T. -0.123 min

Lab File: VD078500.D

Acq: 21 Feb 2024 15:46

Tgt Ion: 117	Resp: 10577
Ion Ratio	Lower Upper
117	100
119	6.9 78.0 117.0#
121	0.0 24.2 36.2#

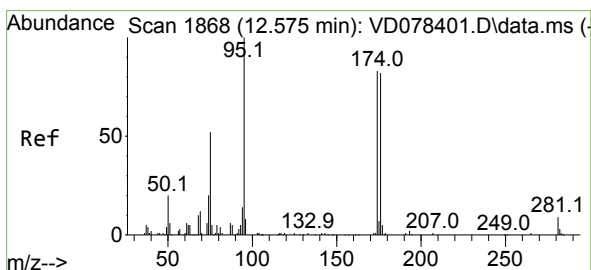
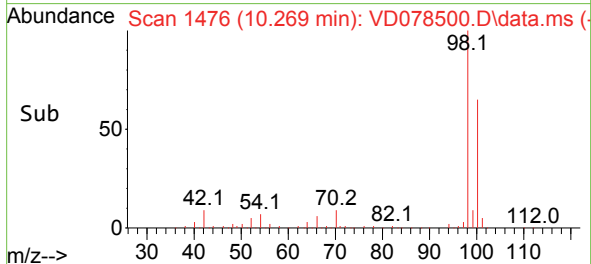
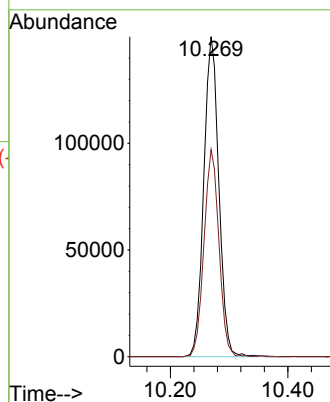
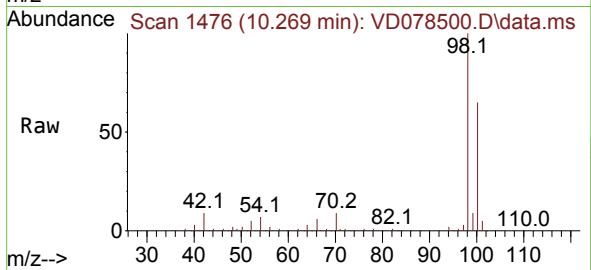




#50
Toluene-d8
Concen: 50.004 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

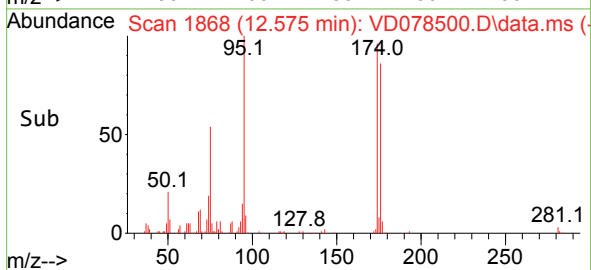
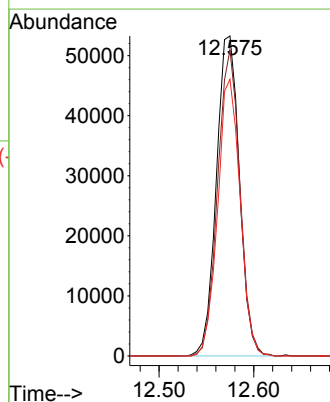
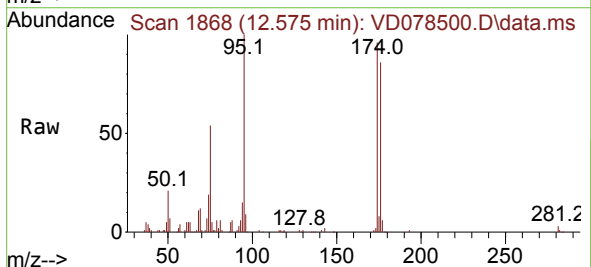
Instrument : MSVOA_D
ClientSampleId : 20241100-COMPOSITE-35N-N-4-05

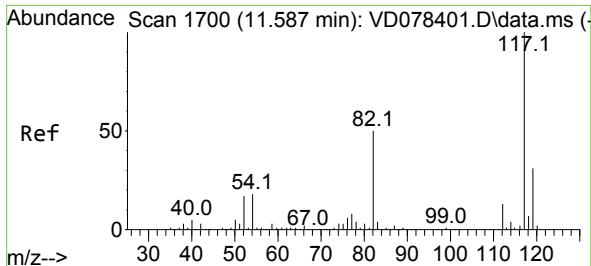
Tgt Ion: 98 Resp: 265789
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 58.204 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

Tgt Ion: 95 Resp: 90030
Ion Ratio Lower Upper
95 100
174 92.5 0.0 201.8
176 84.5 0.0 191.8

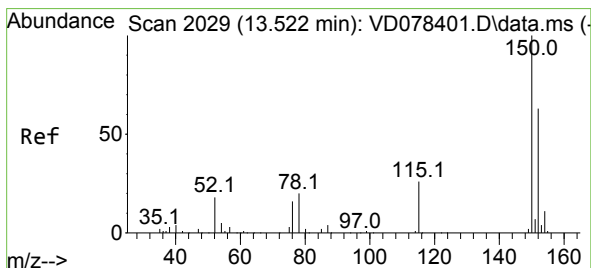
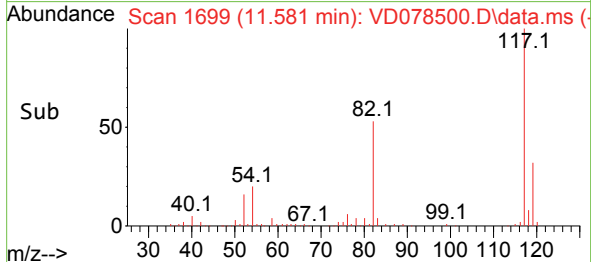
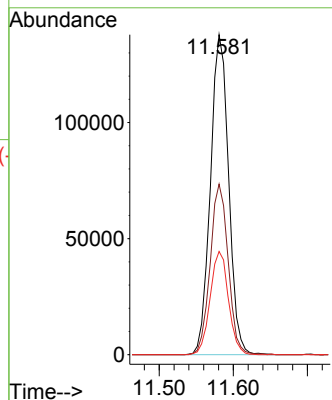
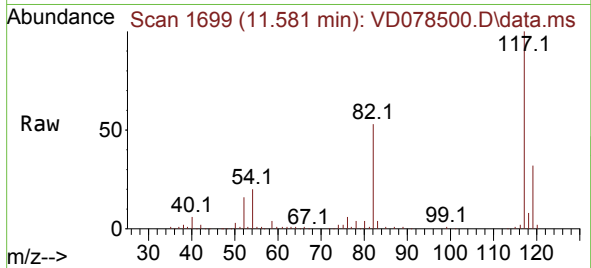




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

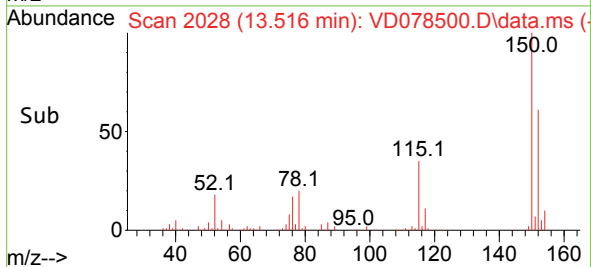
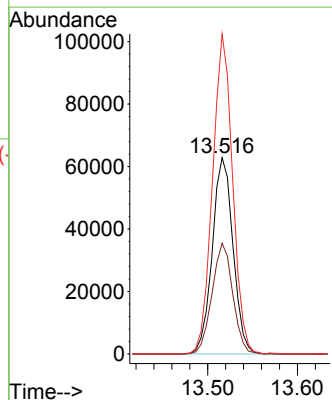
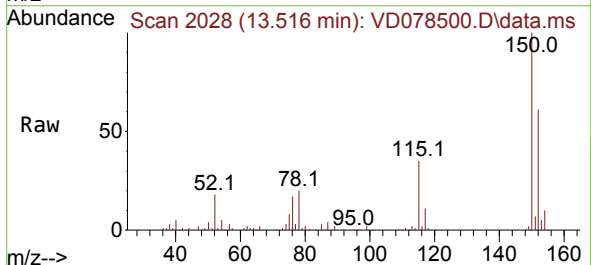
Instrument :
MSVOA_D
ClientSampleId :
20241100-COMPOSITE-35N-N-4-05

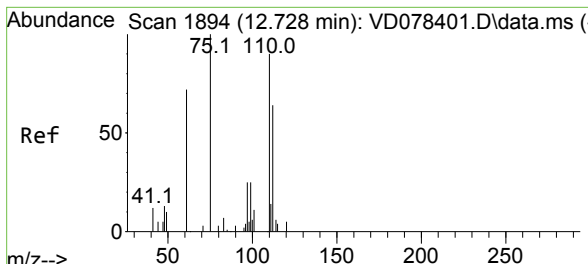
Tgt Ion:117 Resp: 235304
Ion Ratio Lower Upper
117 100
82 53.3 38.3 57.5
119 32.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

Tgt Ion:152 Resp: 100830
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 157.6 0.0 353.6

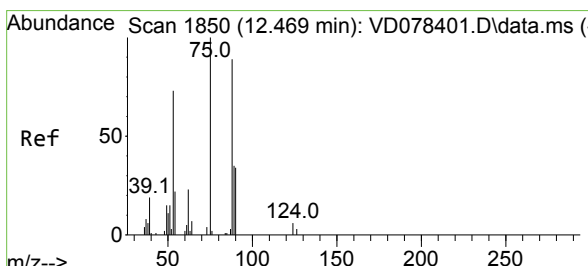
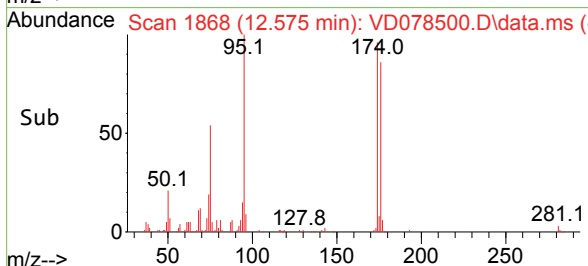
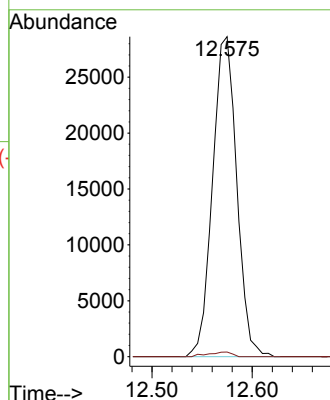
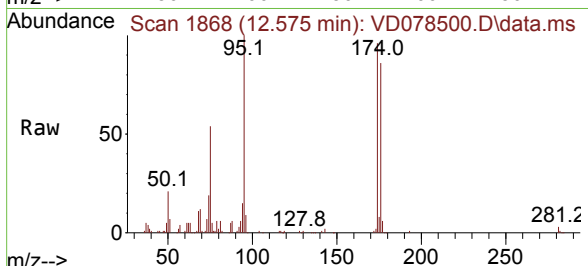




#76
1,2,3-Trichloropropane
Concen: 56.039 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

Instrument : MSVOA_D
ClientSampleId : 20241100-COMPOSITE-35N-N-4-05

Tgt Ion: 75 Resp: 47970
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.337 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078500.D
Acq: 21 Feb 2024 15:46

Tgt Ion: 75 Resp: 47970
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

