

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078466.D
 Acq On : 19 Feb 2024 16:24
 Operator : RP/MD
 Sample : P1509-11RE
 Misc : 5.03G/8ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-848-850RE

Quant Time: Feb 20 00:54:22 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)

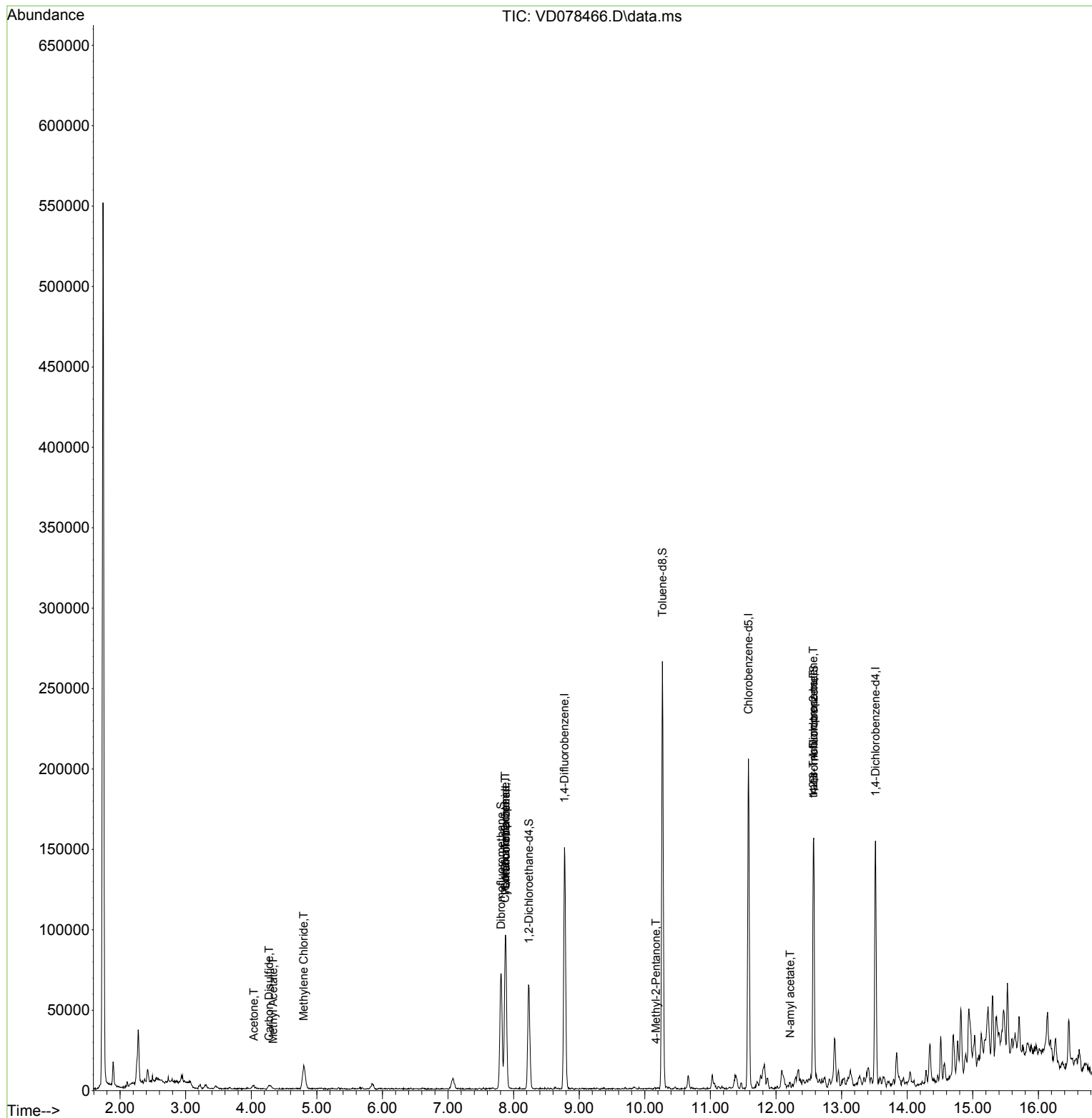
Internal Standards						
1) Pentafluorobenzene	7.881	168	74514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	136769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	42375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49927	61.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.940%	
35) Dibromofluoromethane	7.810	113	54671	62.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.860%	
50) Toluene-d8	10.269	98	180893	52.050	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.100%	
62) 4-Bromofluorobenzene	12.575	95	45415	44.905	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.058	59	62	Below Cal	#	73
16) Acetone	4.040	43	3837	1.533	ug/l #	73
17) Carbon Disulfide	4.269	76	3936	1.440	ug/l #	76
18) Methyl Acetate	4.334	43	259	4.358	ug/l #	42
20) Methylene Chloride	4.799	84	11558	10.205	ug/l #	78
25) 2-Butanone	7.087	43	613	Below Cal	#	86
31) Cyclohexane	7.869	56	1917	1.407	ug/l #	55
36) 1,1-Dichloropropene	7.875	75	5974	4.426	ug/l #	48
38) Carbon Tetrachloride	7.875	117	7317	5.474	ug/l #	15
51) 4-Methyl-2-Pentanone	10.169	43	557	1.198	ug/l #	28
74) N-amyl acetate	12.216	43	865	1.607	ug/l #	41
76) 1,2,3-Trichloropropane	12.569	75	23583	65.554	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	23583	136.091	ug/l #	17

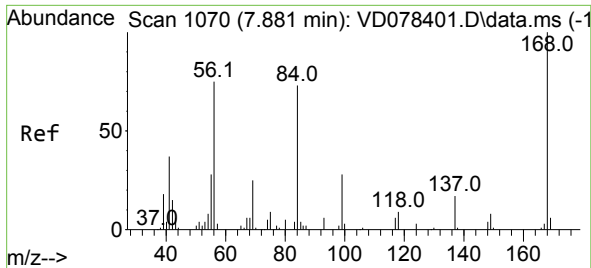
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
Data File : VD078466.D
Acq On : 19 Feb 2024 16:24
Operator : RP/MD
Sample : P1509-11RE
Misc : 5.03G/8ml/MSVOA_D/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850RE

Quant Time: Feb 20 00:54:22 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

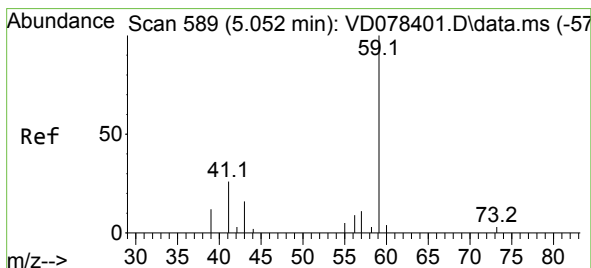
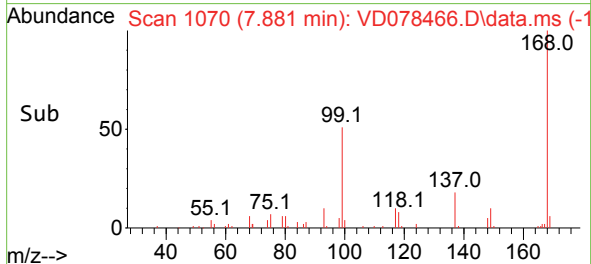
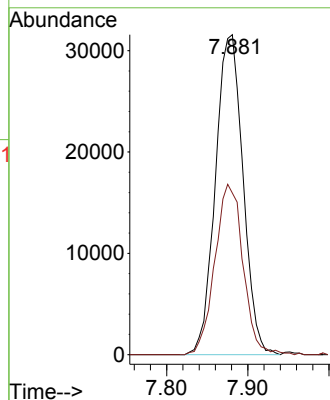
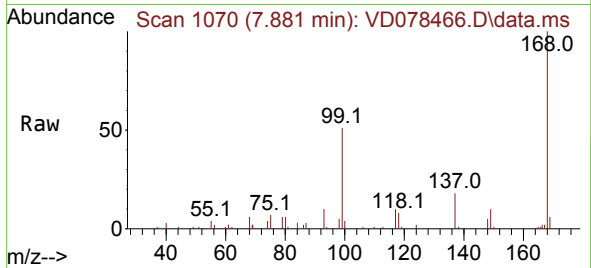




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

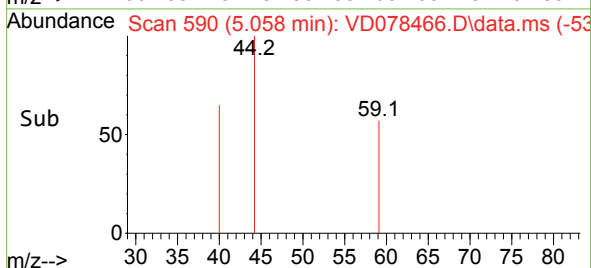
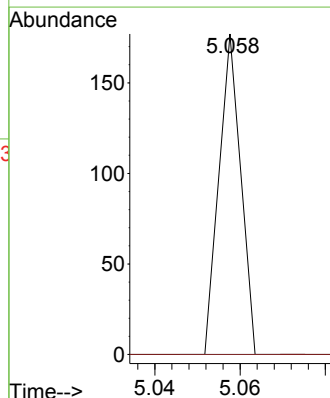
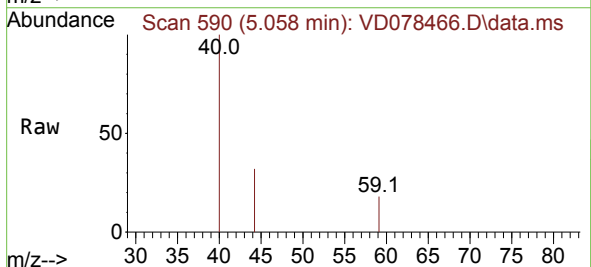
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850RE

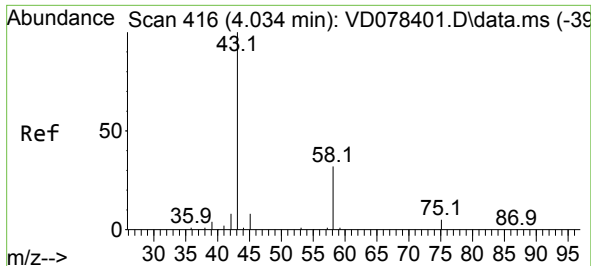
Tgt Ion:168 Resp: 74514
Ion Ratio Lower Upper
168 100
99 50.5 36.7 55.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.058 min Scan# 590
Delta R.T. 0.006 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

Tgt Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

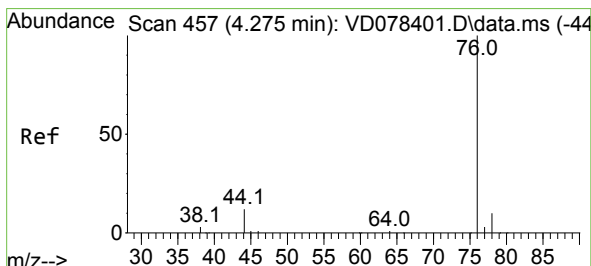
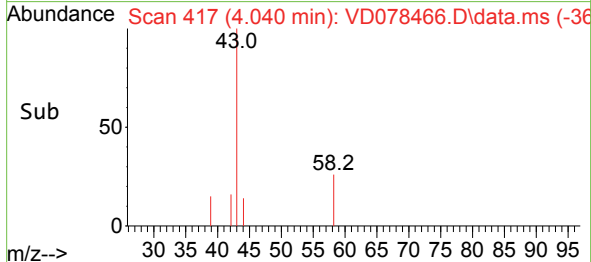
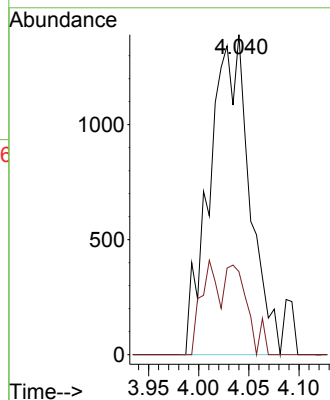
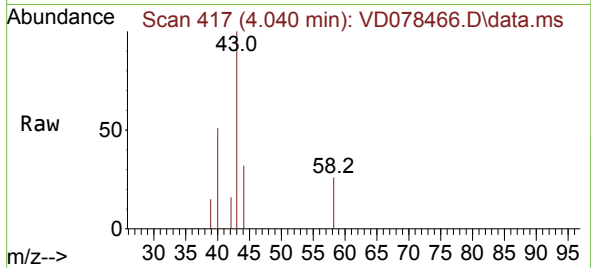




#16
Acetone
Concen: 1.533 ug/l
RT: 4.040 min Scan# 416
Delta R.T. 0.006 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

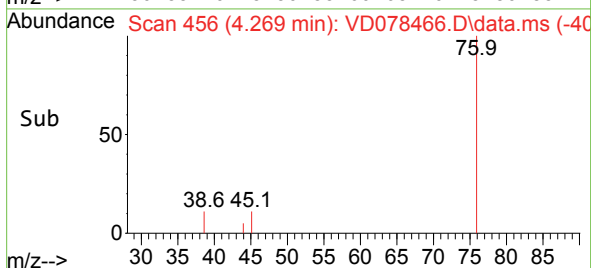
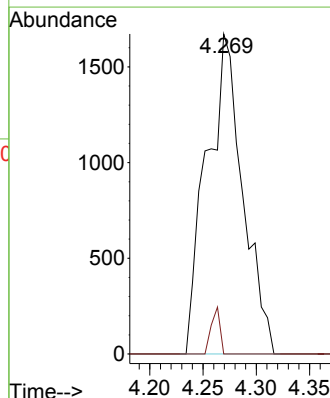
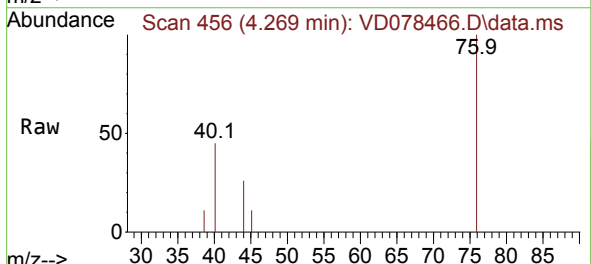
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850RE

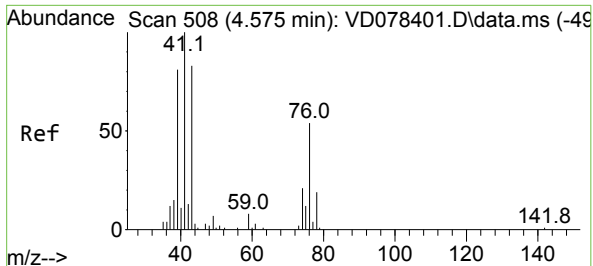
Tgt Ion: 43 Resp: 3837
Ion Ratio Lower Upper
43 100
58 26.0 34.7 52.1#



#17
Carbon Disulfide
Concen: 1.440 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

Tgt Ion: 76 Resp: 3936
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

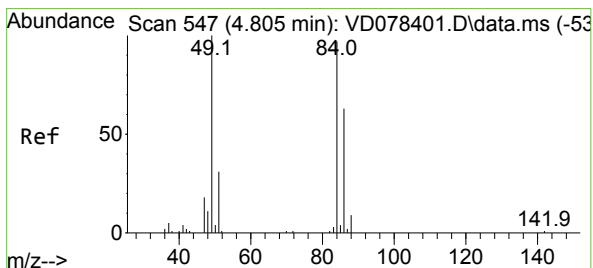
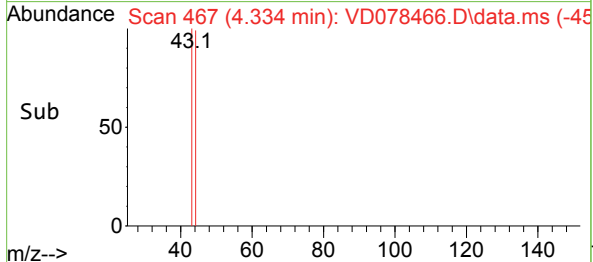
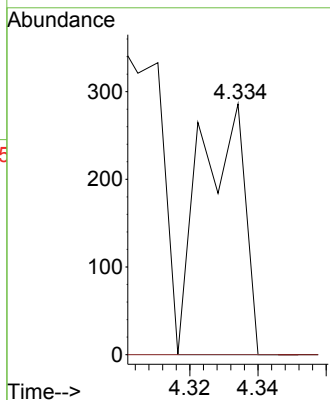
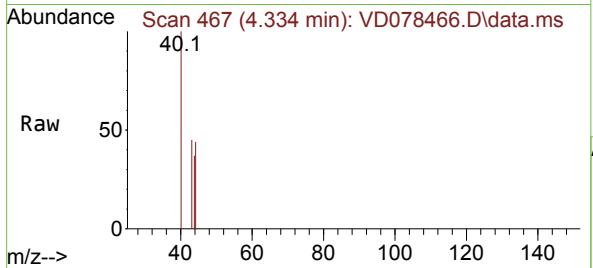




#18
Methyl Acetate
Concen: 4.358 ug/l
RT: 4.334 min Scan# 41
Delta R.T. -0.241 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

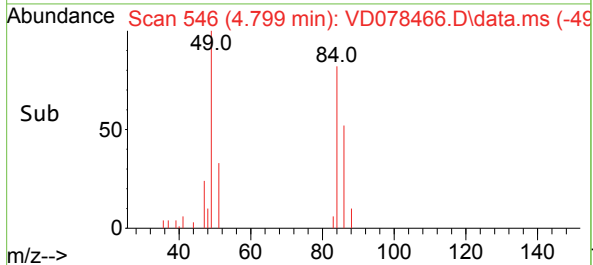
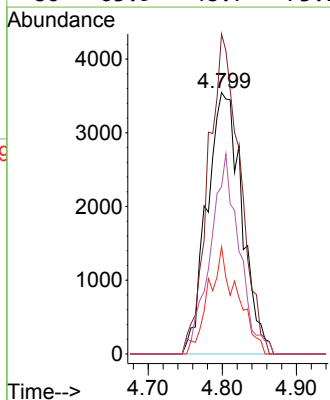
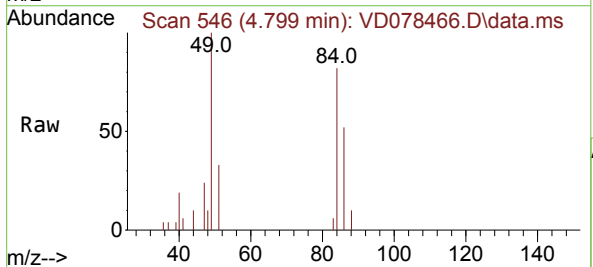
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850RE

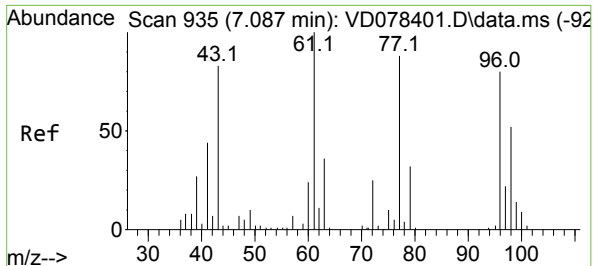
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: 10.205 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

Tgt Ion: 84 Resp: 11558
Ion Ratio Lower Upper
84 100
49 122.4 71.4 107.2#
51 40.9 24.5 36.7#
86 63.9 48.7 73.1

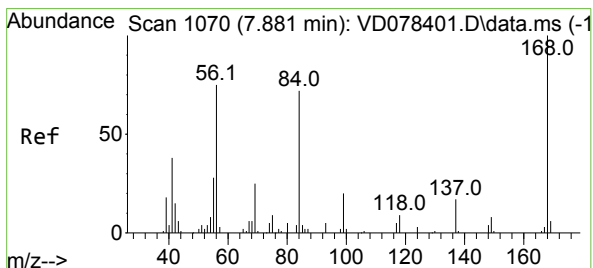
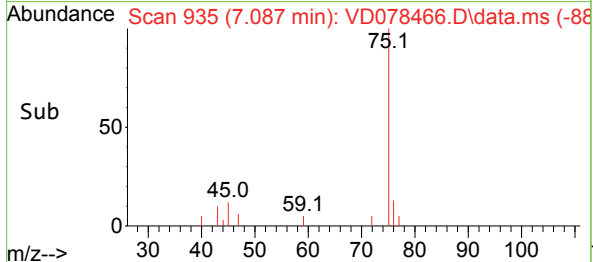
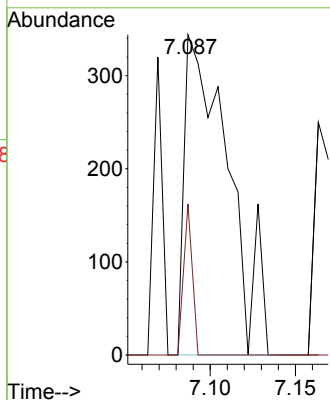
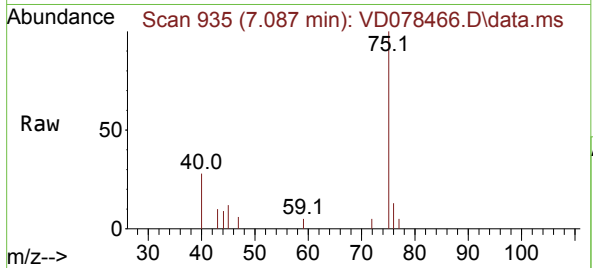




#25
2-Butanone
Concen: Below Cal
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

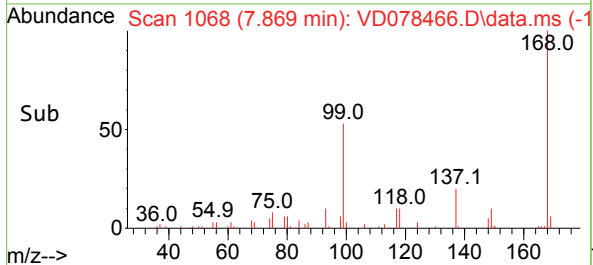
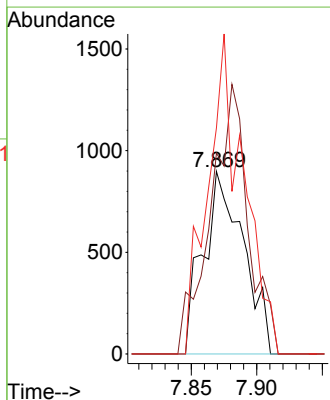
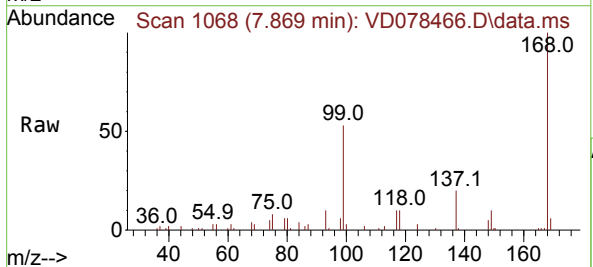
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850RE

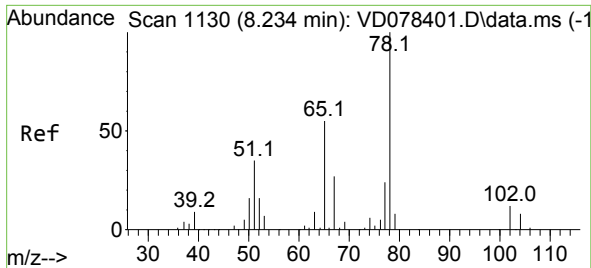
Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
72 47.1 30.7 46.1#



#31
Cyclohexane
Concen: 1.407 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

Tgt Ion: 56 Resp: 1917
Ion Ratio Lower Upper
56 100
69 110.0 28.6 43.0#
84 123.8 84.8 127.2

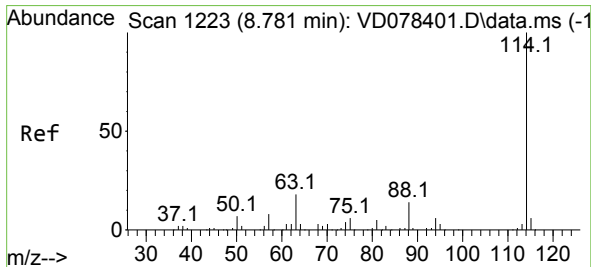
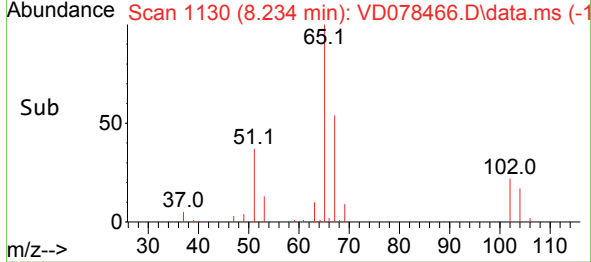
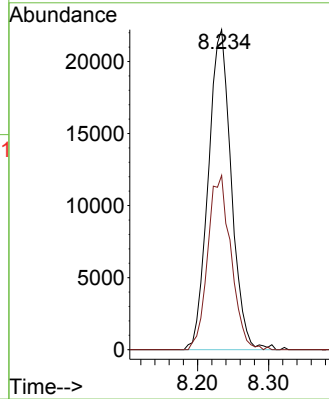
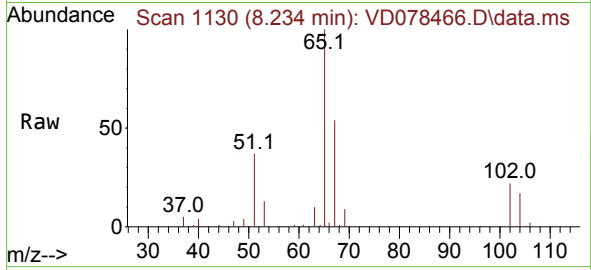




#33
 1,2-Dichloroethane-d4
 Concen: 61.969 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078466.D
 Acq: 19 Feb 2024 16:24

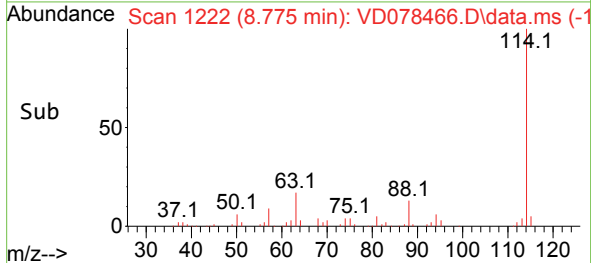
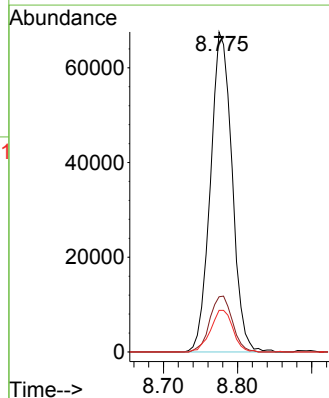
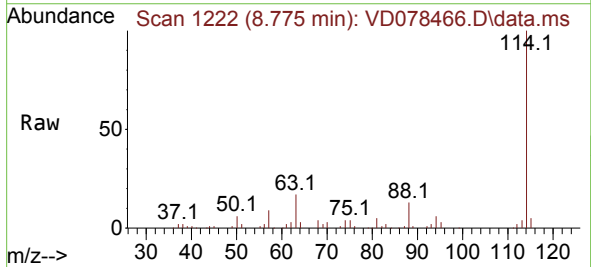
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-848-850RE

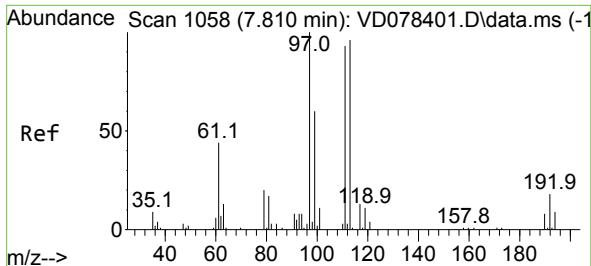
Tgt Ion: 65 Resp: 49927
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: VD078466.D
 Acq: 19 Feb 2024 16:24

Tgt Ion: 114 Resp: 136769
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 33.4
 88 13.0 0.0 26.2

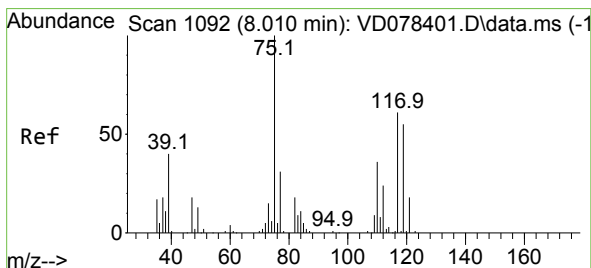
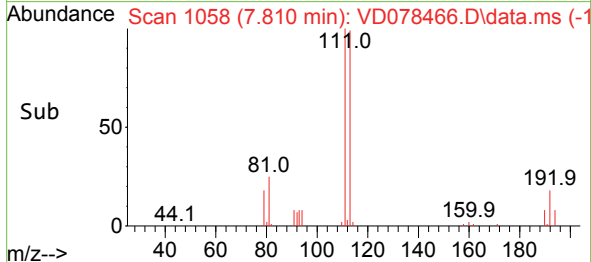
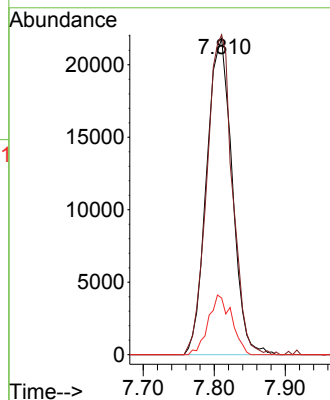
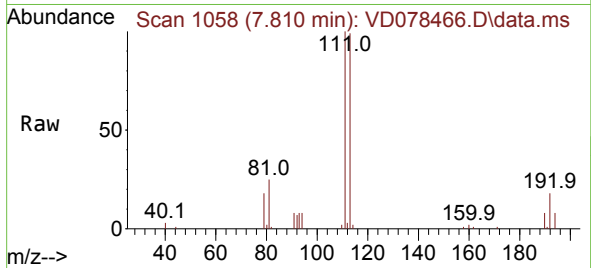




#35
Dibromofluoromethane
Concen: 62.928 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

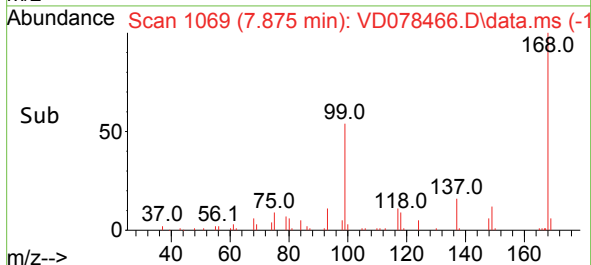
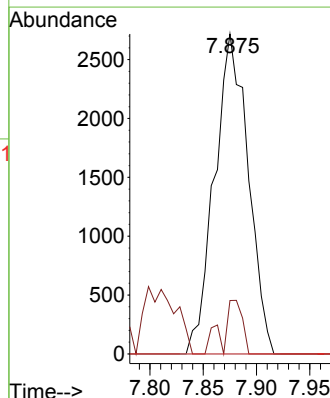
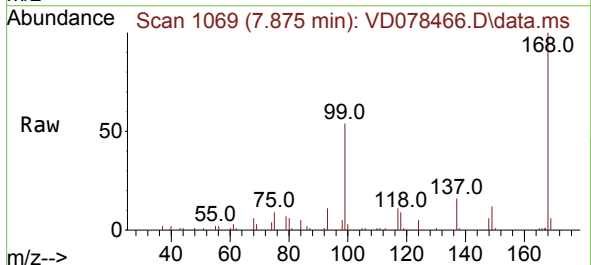
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850RE

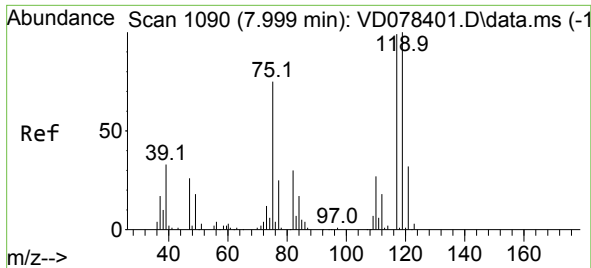
Tgt Ion:113 Resp: 54671
Ion Ratio Lower Upper
113 100
111 101.1 84.7 127.1
192 17.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.426 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

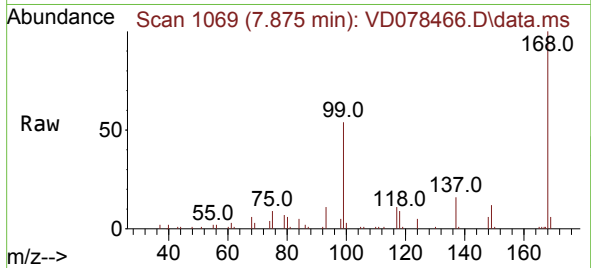
Tgt Ion: 75 Resp: 5974
Ion Ratio Lower Upper
75 100
110 9.9 19.9 59.6#
77 0.0 24.7 37.1#



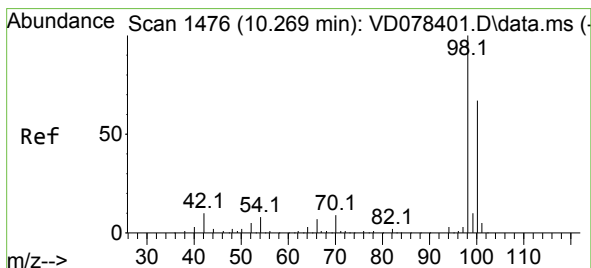
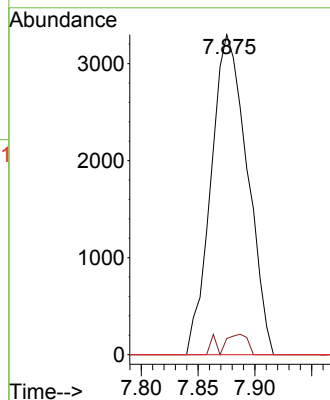
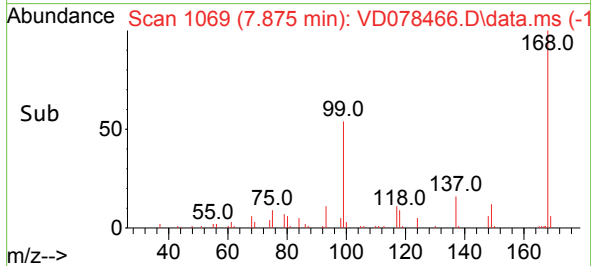


#38
Carbon Tetrachloride
Concen: 5.474 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

Instrument : MSVOA_D
ClientSampleId : BP-VPB-191-GW-848-850RE

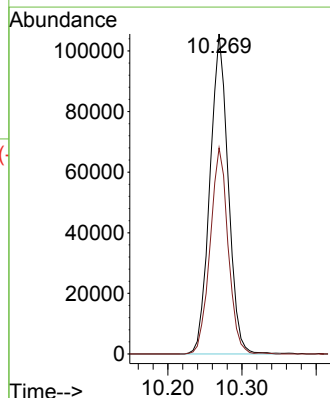
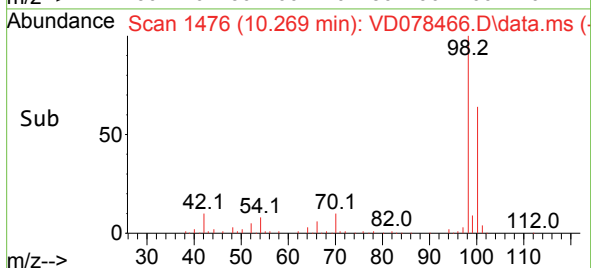
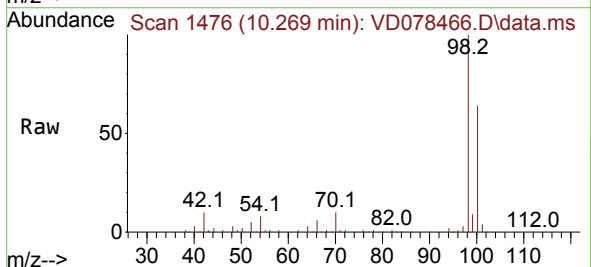


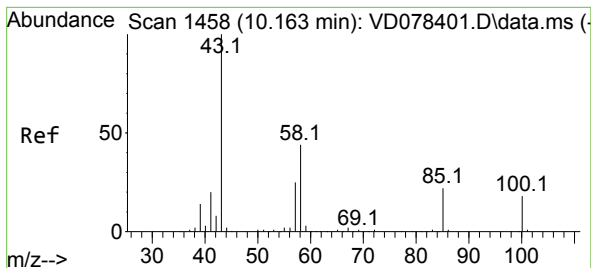
Tgt Ion:117 Resp: 7317
Ion Ratio Lower Upper
117 100
119 5.1 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.050 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

Tgt Ion: 98 Resp: 180893
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5

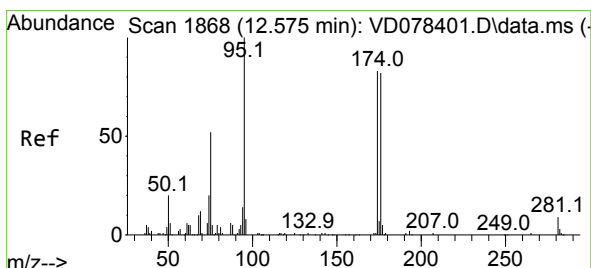
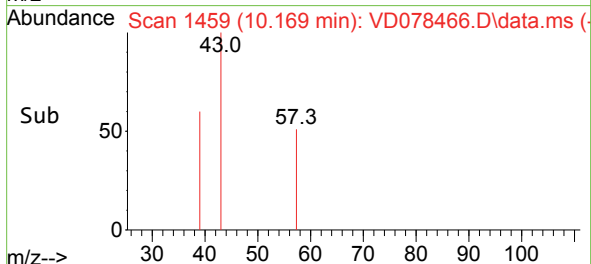
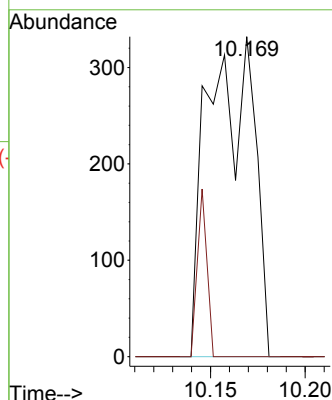
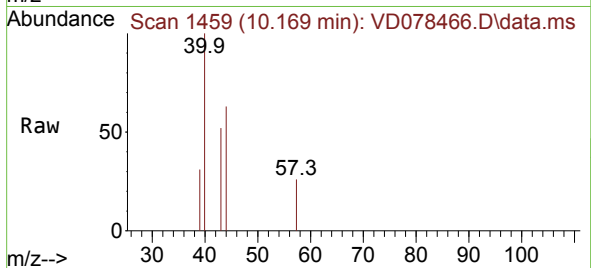




#51
4-Methyl-2-Pentanone
Concen: 1.198 ug/l
RT: 10.169 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

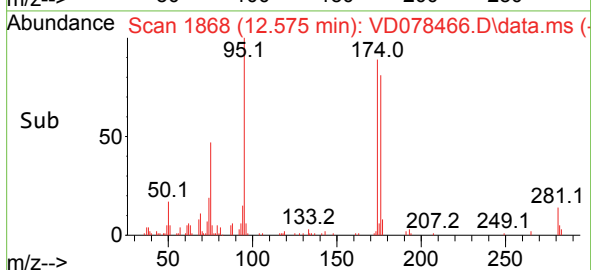
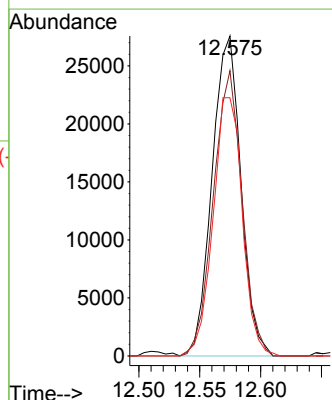
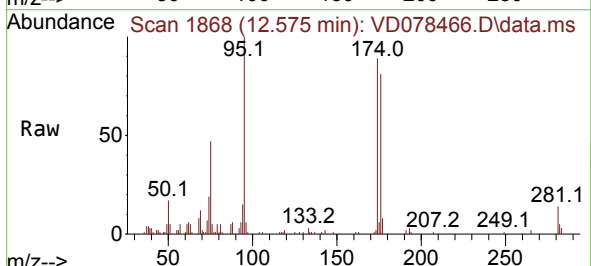
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850RE

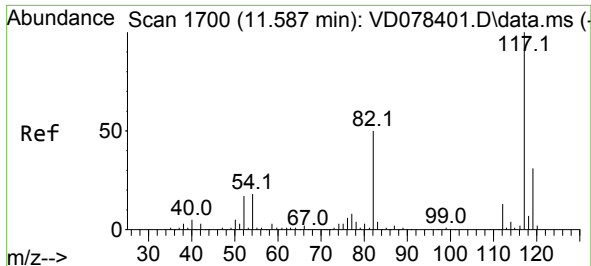
Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 44.905 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

Tgt Ion: 95 Resp: 45415
Ion Ratio Lower Upper
95 100
174 88.7 0.0 201.8
176 82.2 0.0 191.8

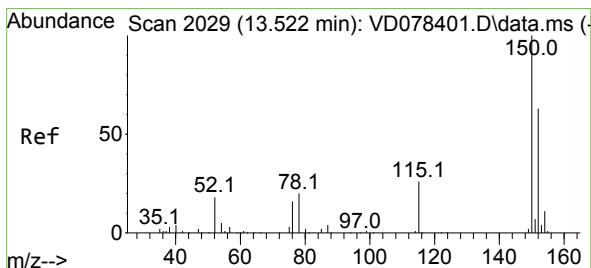
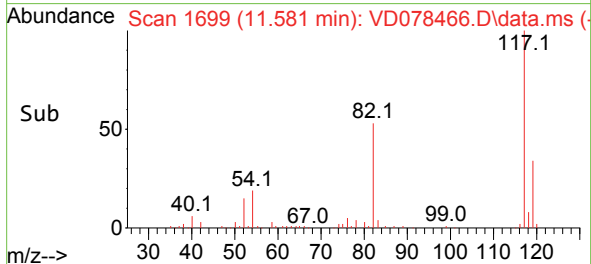
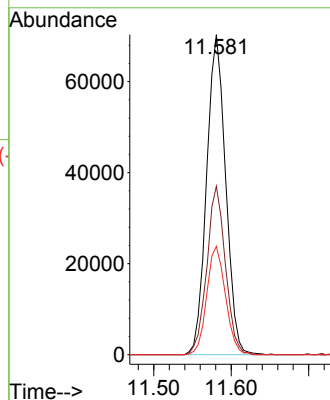
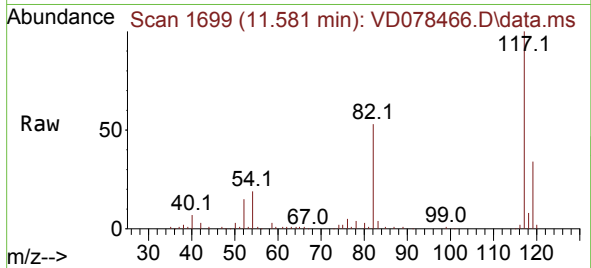




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

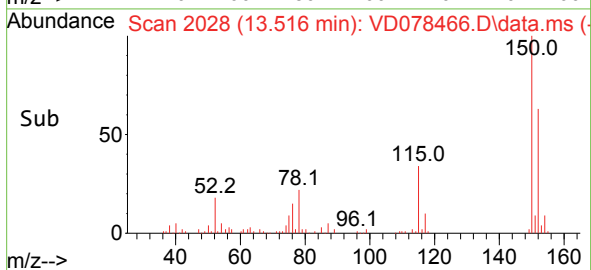
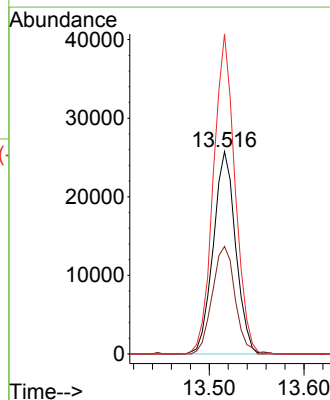
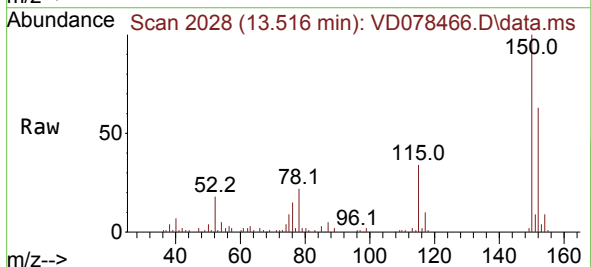
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850RE

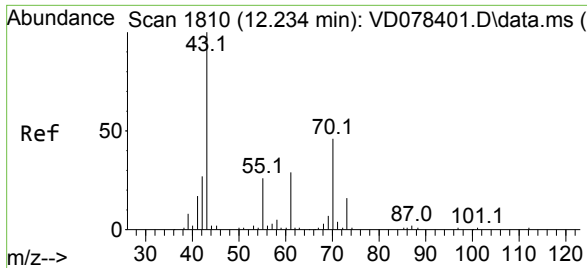
Tgt Ion:117 Resp: 120000
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 33.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

Tgt Ion:152 Resp: 42375
Ion Ratio Lower Upper
152 100
115 53.8 27.1 81.3
150 152.1 0.0 353.6

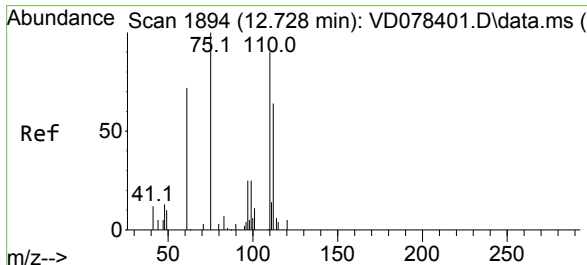
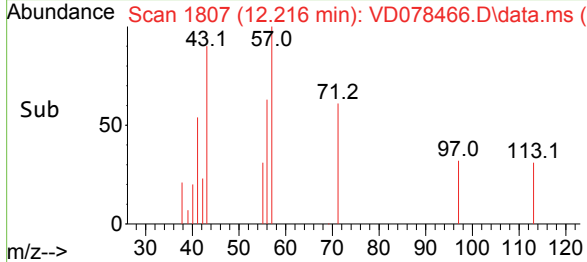
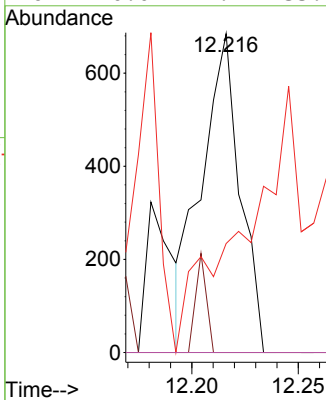
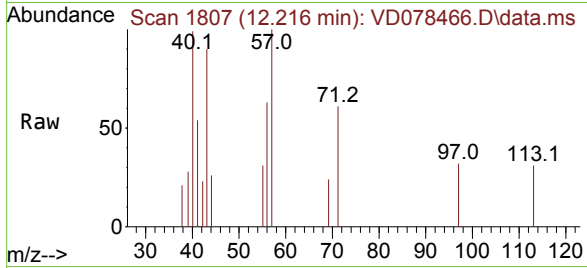




#74
N-amy1 acetate
Concen: 1.607 ug/l
RT: 12.216 min Scan# 1807
Delta R.T. -0.018 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

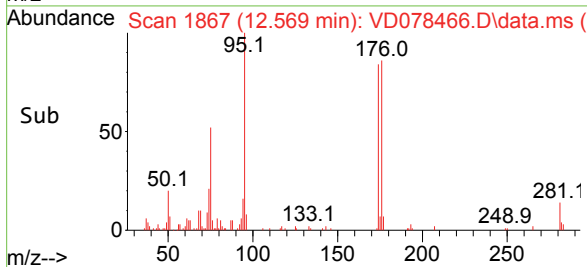
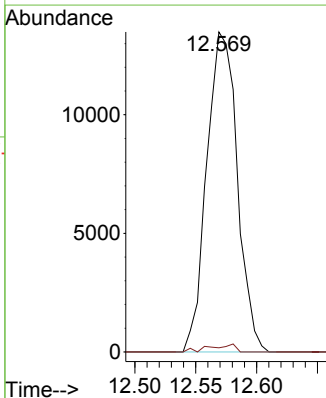
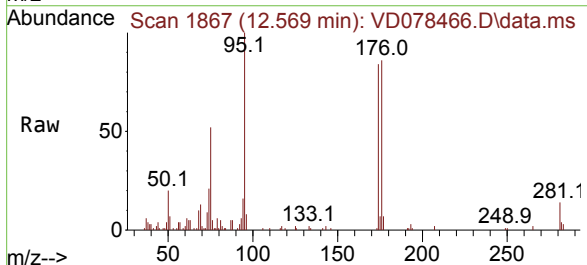
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-848-850RE

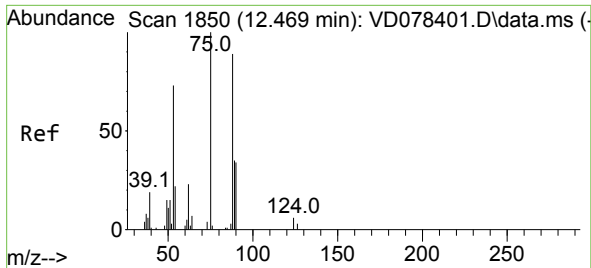
Tgt Ion: 43	Resp: 865
Ion Ratio	Lower Upper
43	100
70	8.7 45.0 67.4#
55	0.0 23.8 35.6#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 65.554 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD078466.D
Acq: 19 Feb 2024 16:24

Tgt Ion: 75	Resp: 23583
Ion Ratio	Lower Upper
75	100
77	2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.091 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD078466.D
 Acq: 19 Feb 2024 16:24

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-848-850RE

Tgt Ion: 75 Resp: 23583
 Ion Ratio Lower Upper
 75 100
 53 0.2 63.0 94.4#
 89 0.0 37.9 56.9#

