

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078465.D
 Acq On : 19 Feb 2024 15:56
 Operator : RP/MD
 Sample : P1506-10
 Misc : 5.06G/8ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-195-GW-820-822

Quant Time: Feb 20 00:54:04 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)

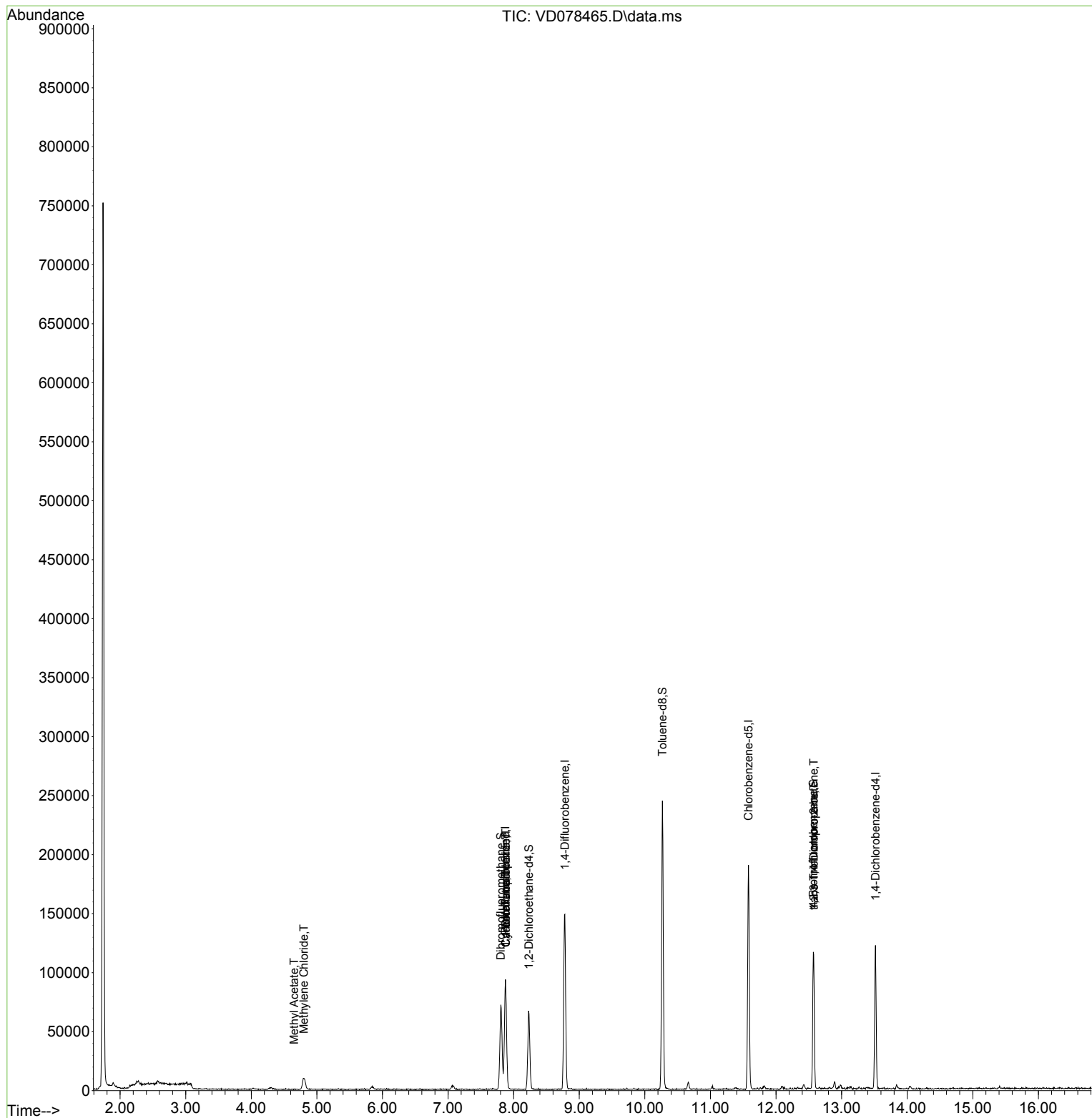
Internal Standards						
1) Pentafluorobenzene	7.875	168	70718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	139215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	111787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	32511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50002	65.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.780%	
35) Dibromofluoromethane	7.804	113	52844	59.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.520%	
50) Toluene-d8	10.269	98	168096	47.518	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.040%	
62) 4-Bromofluorobenzene	12.569	95	35595	34.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.160%	
Target Compounds						
16) Acetone	4.028	43	1591	Below Cal	Qvalue	87
18) Methyl Acetate	4.652	43	53	4.029 ug/l #		42
20) Methylene Chloride	4.805	84	7841	6.355 ug/l #		74
23) Vinyl Acetate	6.234	43	53	Below Cal #		63
31) Cyclohexane	7.881	56	1717	1.327 ug/l #		18
36) 1,1-Dichloropropene	7.881	75	6041	4.397 ug/l #		46
38) Carbon Tetrachloride	7.881	117	7429	5.461 ug/l #		17
76) 1,2,3-Trichloropropane	12.575	75	18194	65.918 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.575	75	18194	136.848 ug/l #		17

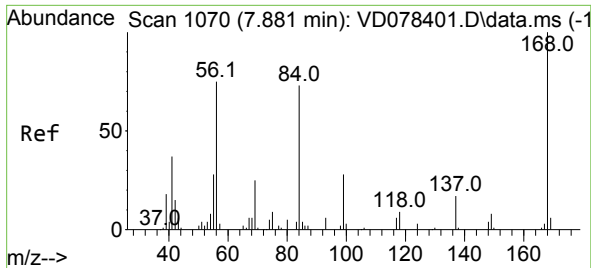
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

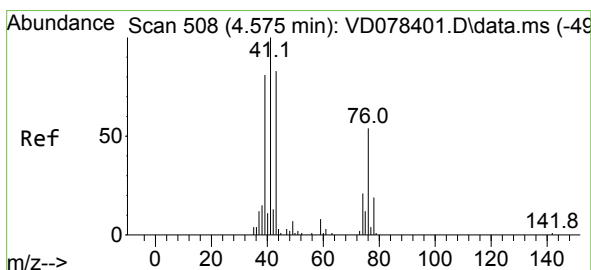
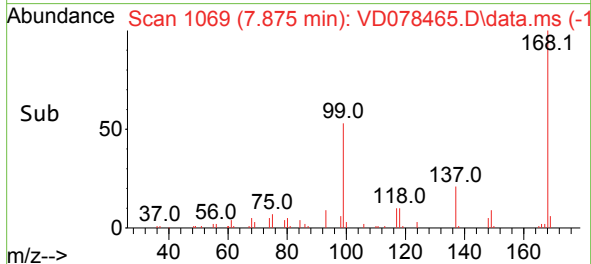
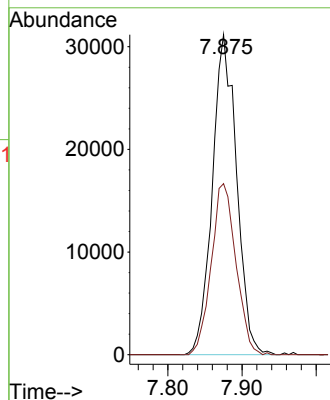
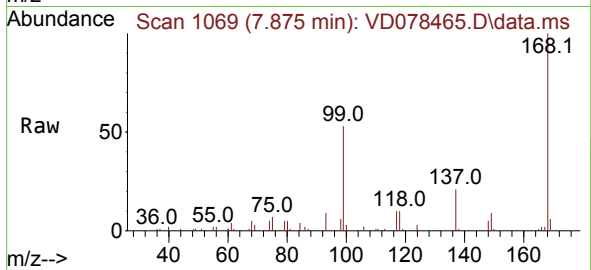




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

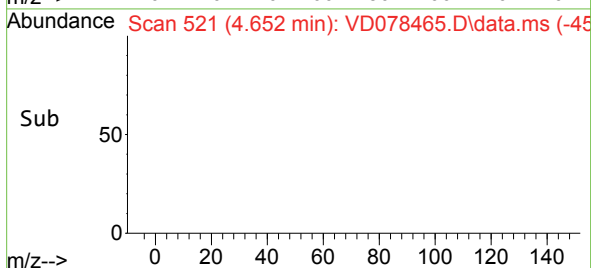
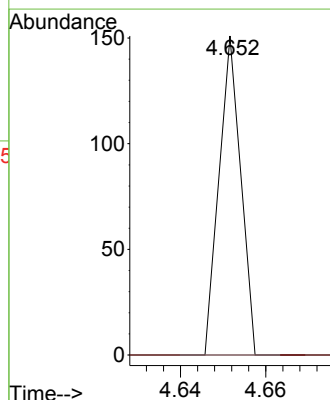
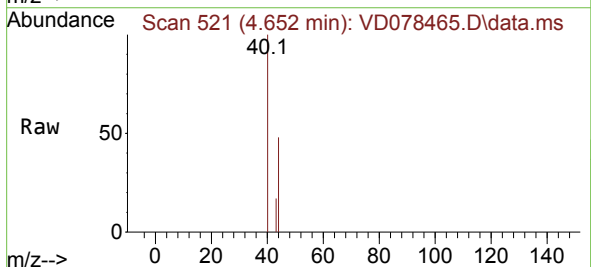
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-820-822

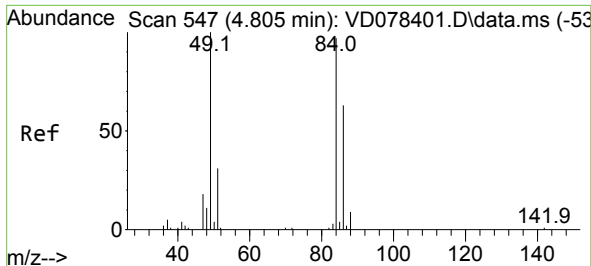
Tgt Ion:168 Resp: 70718
Ion Ratio Lower Upper
168 100
99 53.5 36.7 55.1



#18
Methyl Acetate
Concen: 4.029 ug/l
RT: 4.652 min Scan# 521
Delta R.T. 0.077 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

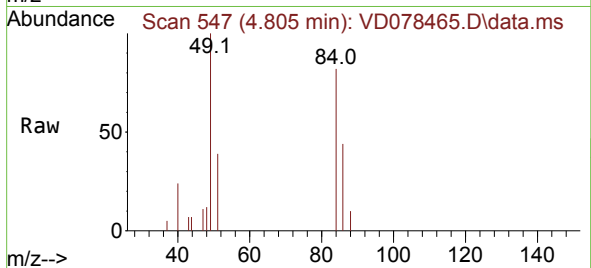
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



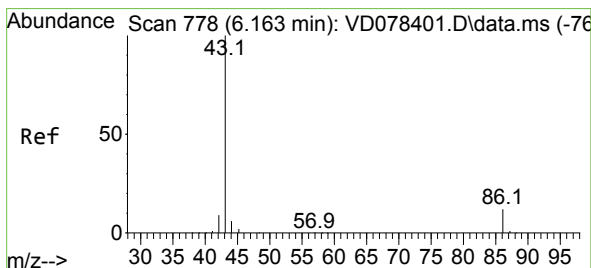
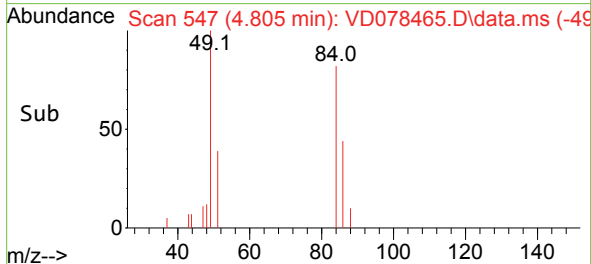
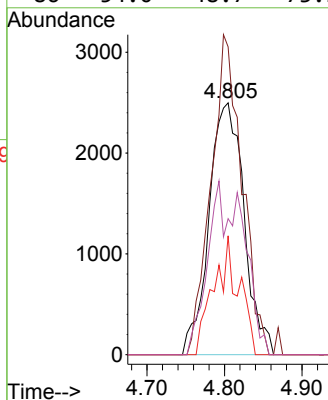


#20
Methylene Chloride
Concen: 6.355 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-820-822

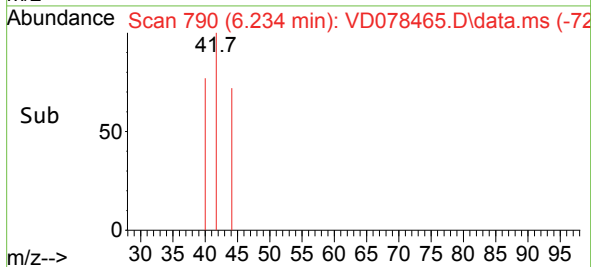
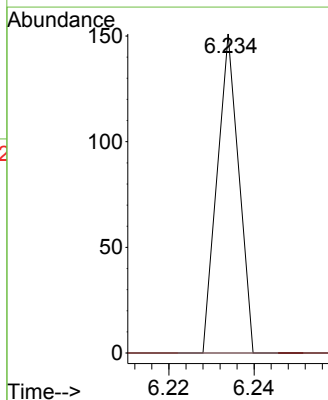
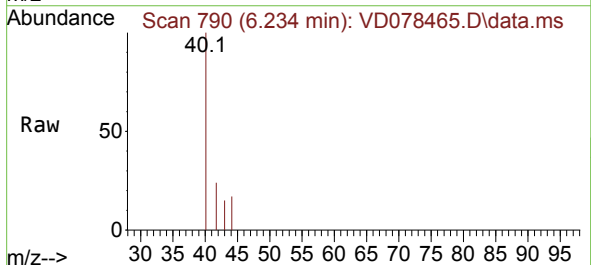


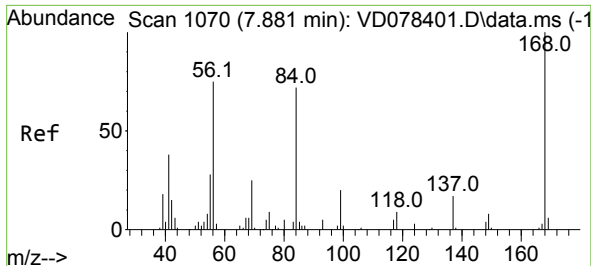
Tgt Ion:	84	Resp:	7841
Ion	Ratio	Lower	Upper
84	100		
49	122.2	71.4	107.2#
51	47.2	24.5	36.7#
86	54.0	48.7	73.1



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.234 min Scan# 790
Delta R.T. 0.071 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

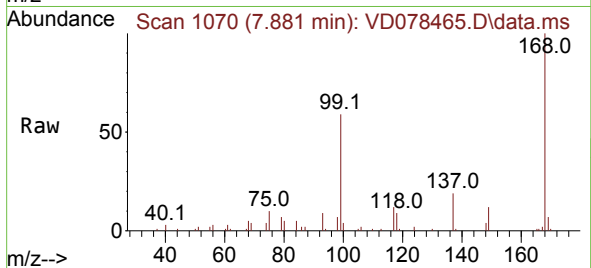
Tgt Ion:	43	Resp:	53
Ion	Ratio	Lower	Upper
43	100		
86	0.0	12.5	18.7#



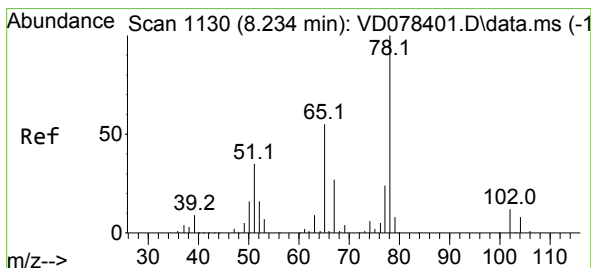
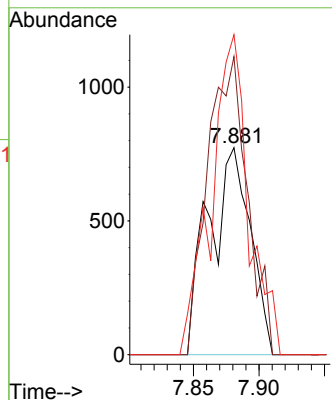
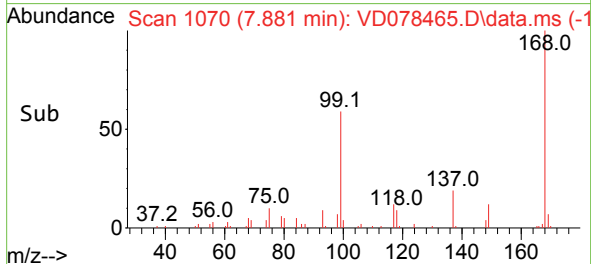


#31
Cyclohexane
Concen: 1.327 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-820-822

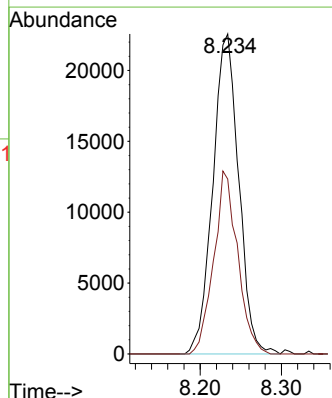
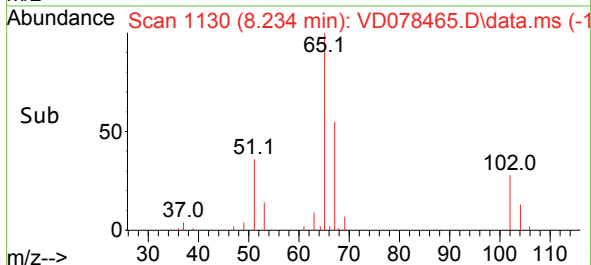
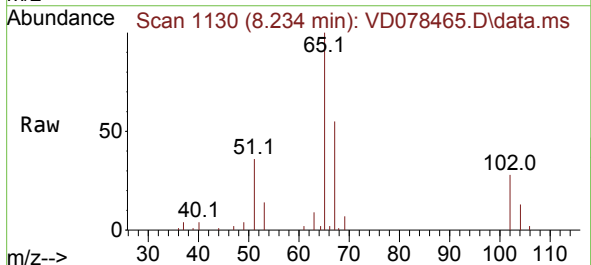


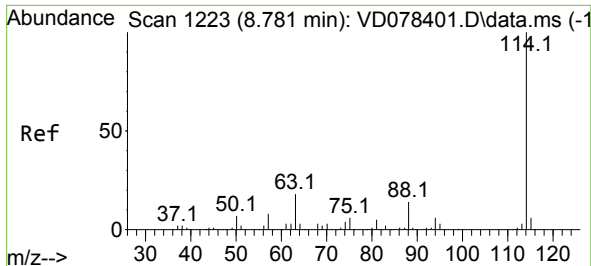
Tgt Ion: 56 Resp: 1717
Ion Ratio Lower Upper
56 100
69 143.9 28.6 43.0#
84 154.5 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 65.393 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

Tgt Ion: 65 Resp: 50002
Ion Ratio Lower Upper
65 100
67 52.8 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: VD078465.D

Acq: 19 Feb 2024 15:56

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-195-GW-820-822

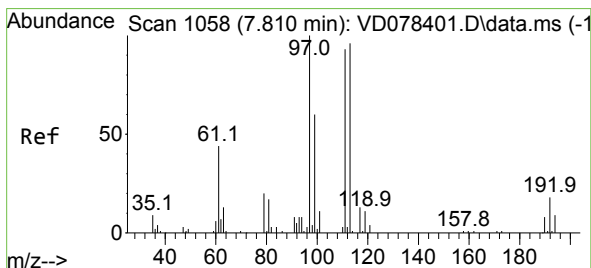
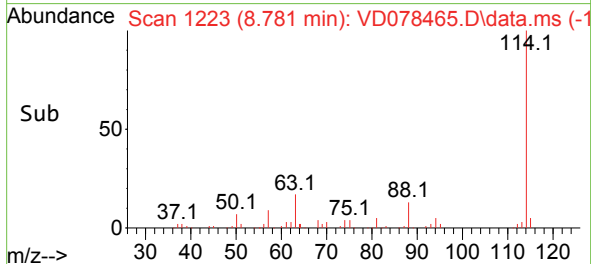
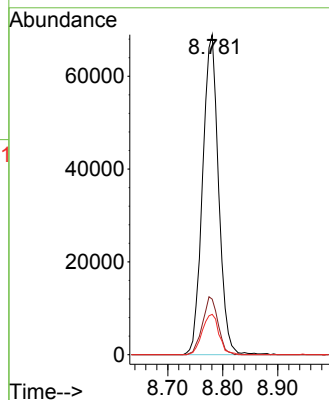
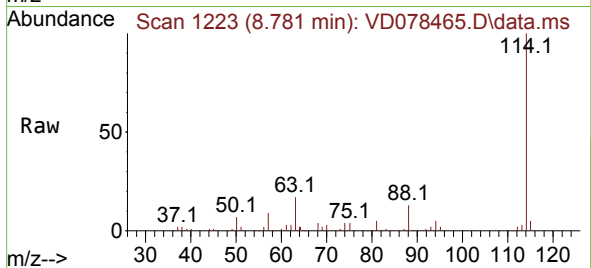
Tgt Ion:114 Resp: 139215

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 12.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 59.757 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078465.D

Acq: 19 Feb 2024 15:56

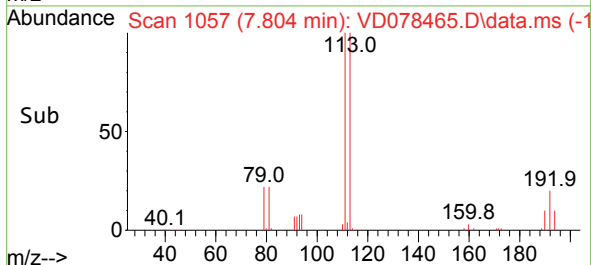
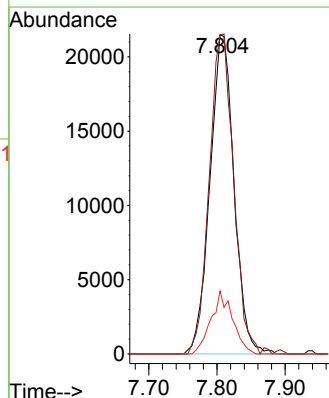
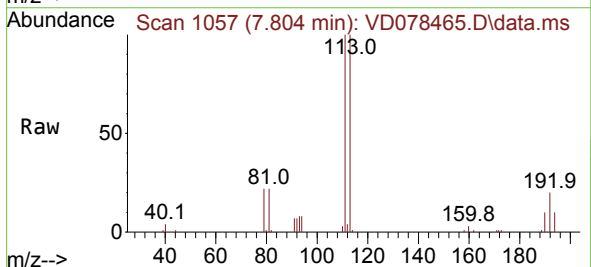
Tgt Ion:113 Resp: 52844

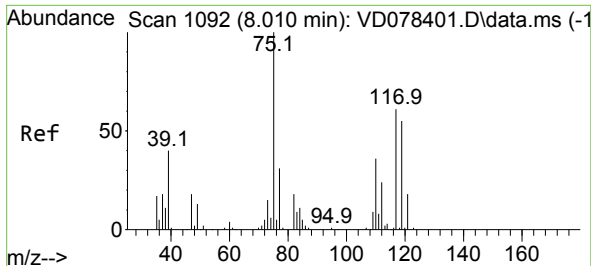
Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 17.7 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.397 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD078465.D

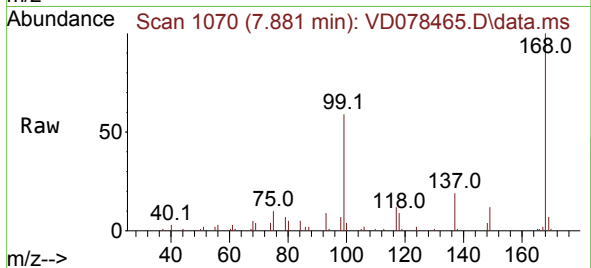
Acq: 19 Feb 2024 15:56

Instrument :

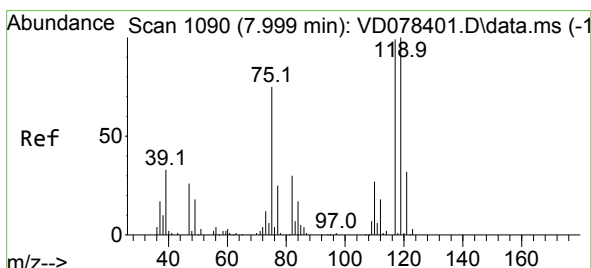
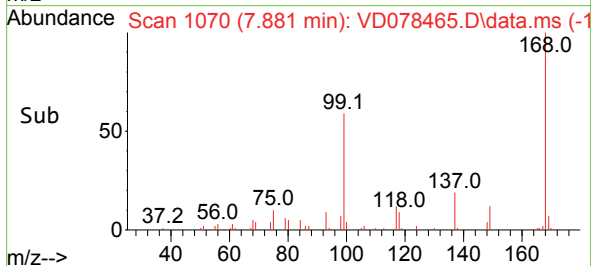
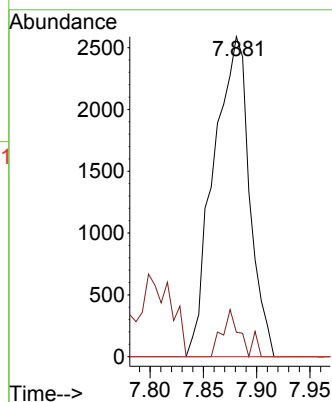
MSVOA_D

ClientSampleId :

BP-VPB-195-GW-820-822



Tgt Ion: 75	Resp: 6041
Ion Ratio	Lower Upper
75	100
110	7.8 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.461 ug/l

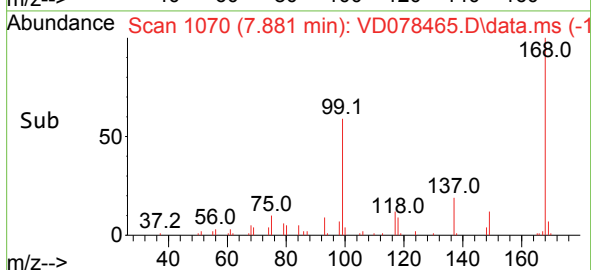
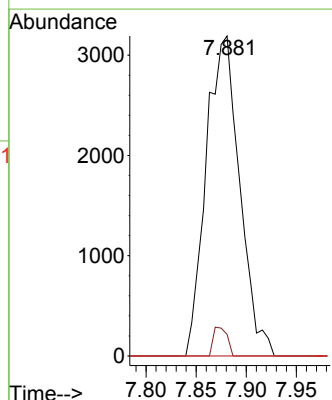
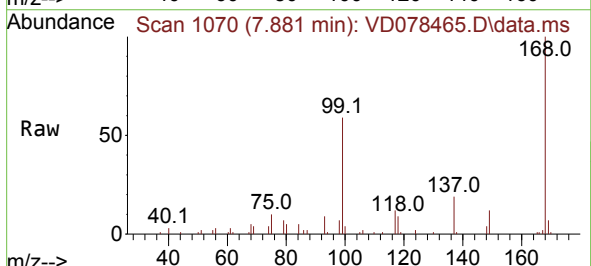
RT: 7.881 min Scan# 1070

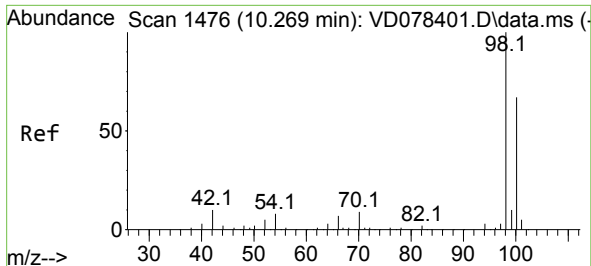
Delta R.T. -0.118 min

Lab File: VD078465.D

Acq: 19 Feb 2024 15:56

Tgt Ion: 117	Resp: 7429
Ion Ratio	Lower Upper
117	100
119	6.7 78.0 117.0#
121	0.0 24.2 36.2#

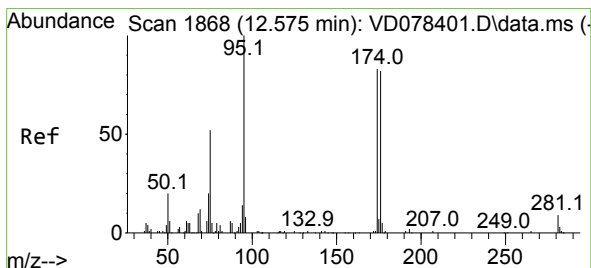
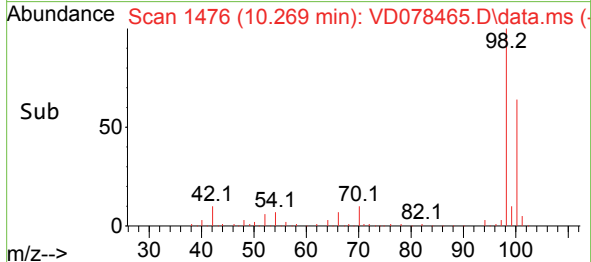
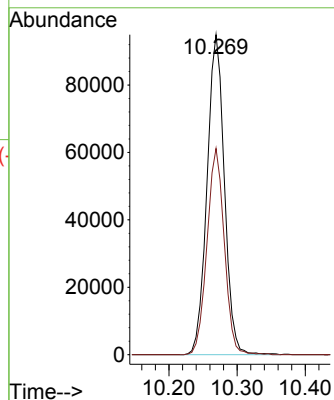
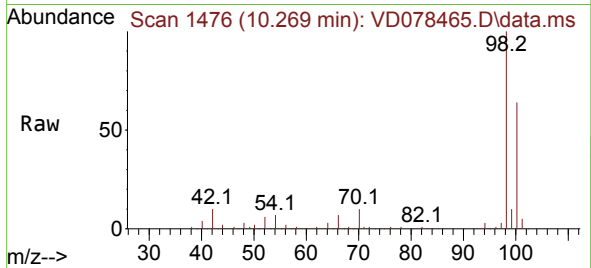




#50
Toluene-d8
Concen: 47.518 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

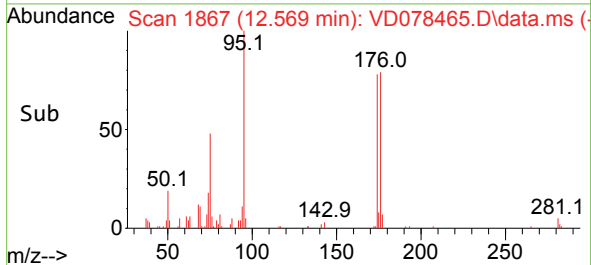
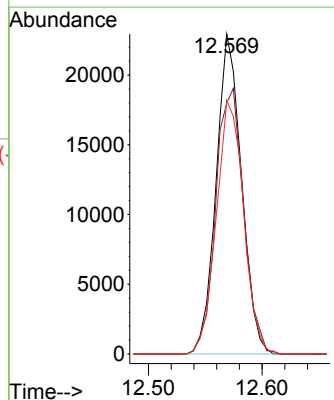
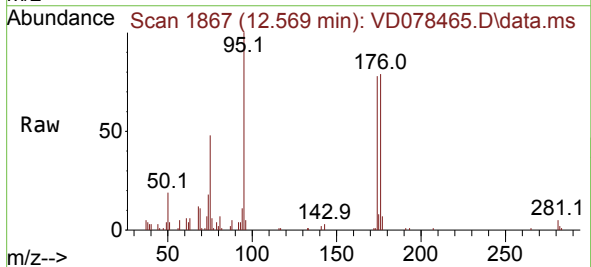
Instrument : MSVOA_D
ClientSampleId : BP-VPB-195-GW-820-822

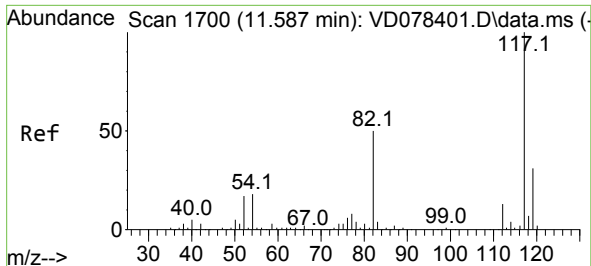
Tgt Ion: 98 Resp: 168096
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 34.577 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

Tgt Ion: 95 Resp: 35595
Ion Ratio Lower Upper
95 100
174 91.0 0.0 201.8
176 85.4 0.0 191.8

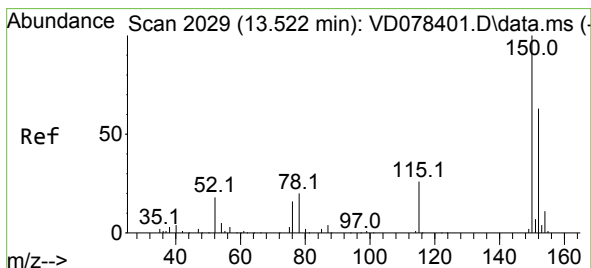
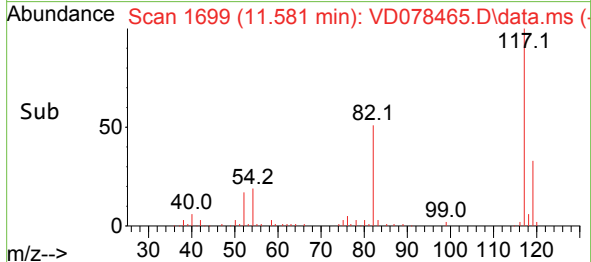
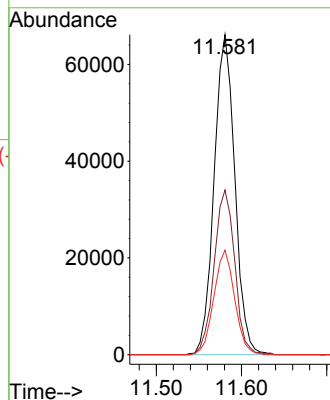
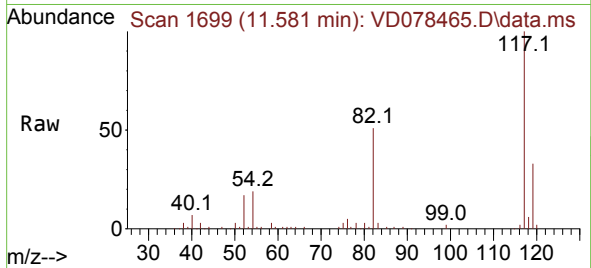




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

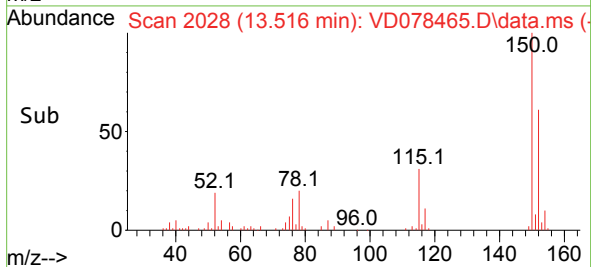
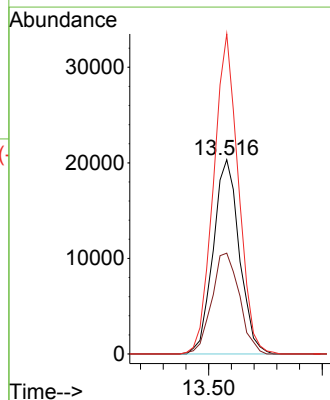
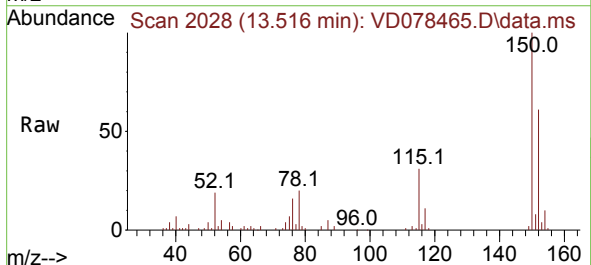
Instrument :
MSVOA_D
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BP-VPB-195-GW-820-822

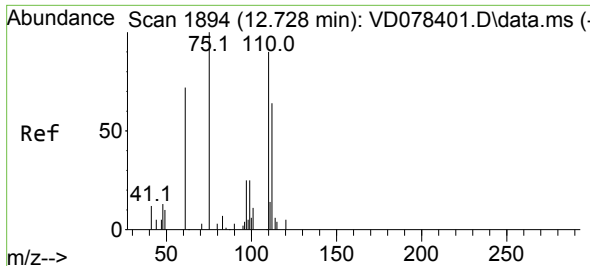
Tgt Ion:117 Resp: 111787
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 32.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

Tgt Ion:152 Resp: 32511
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 156.2 0.0 353.6

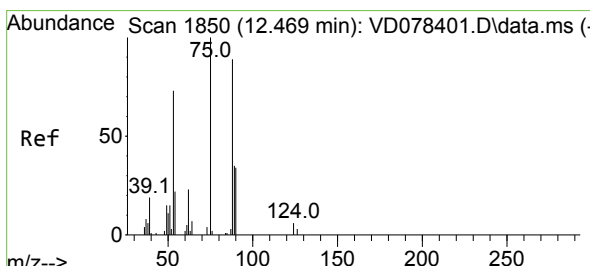
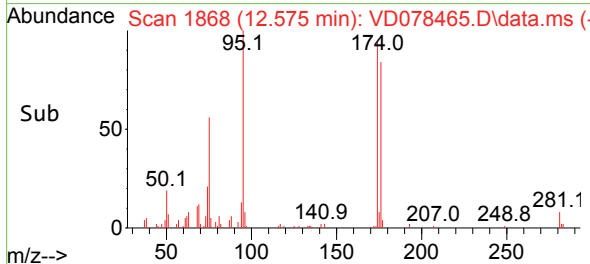
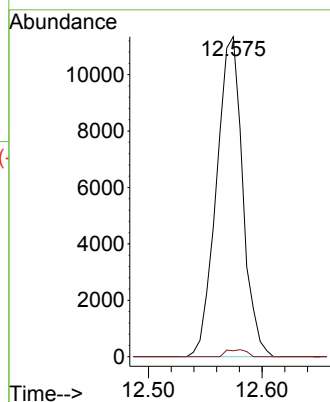
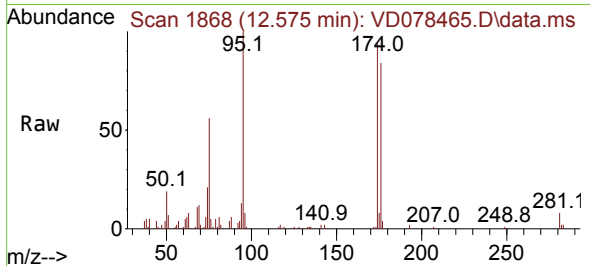




#76
1,2,3-Trichloropropane
Concen: 65.918 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

Instrument : MSVOA_D
ClientSampleId : BP-VPB-195-GW-820-822

Tgt Ion: 75 Resp: 18194
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.848 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

Tgt Ion: 75 Resp: 18194
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

