

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075324.D
 Acq On : 13 Feb 2023 13:30
 Operator : KP/SY
 Sample : 01529-02
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-5.0-7.0

Quant Time: Feb 14 01:20:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

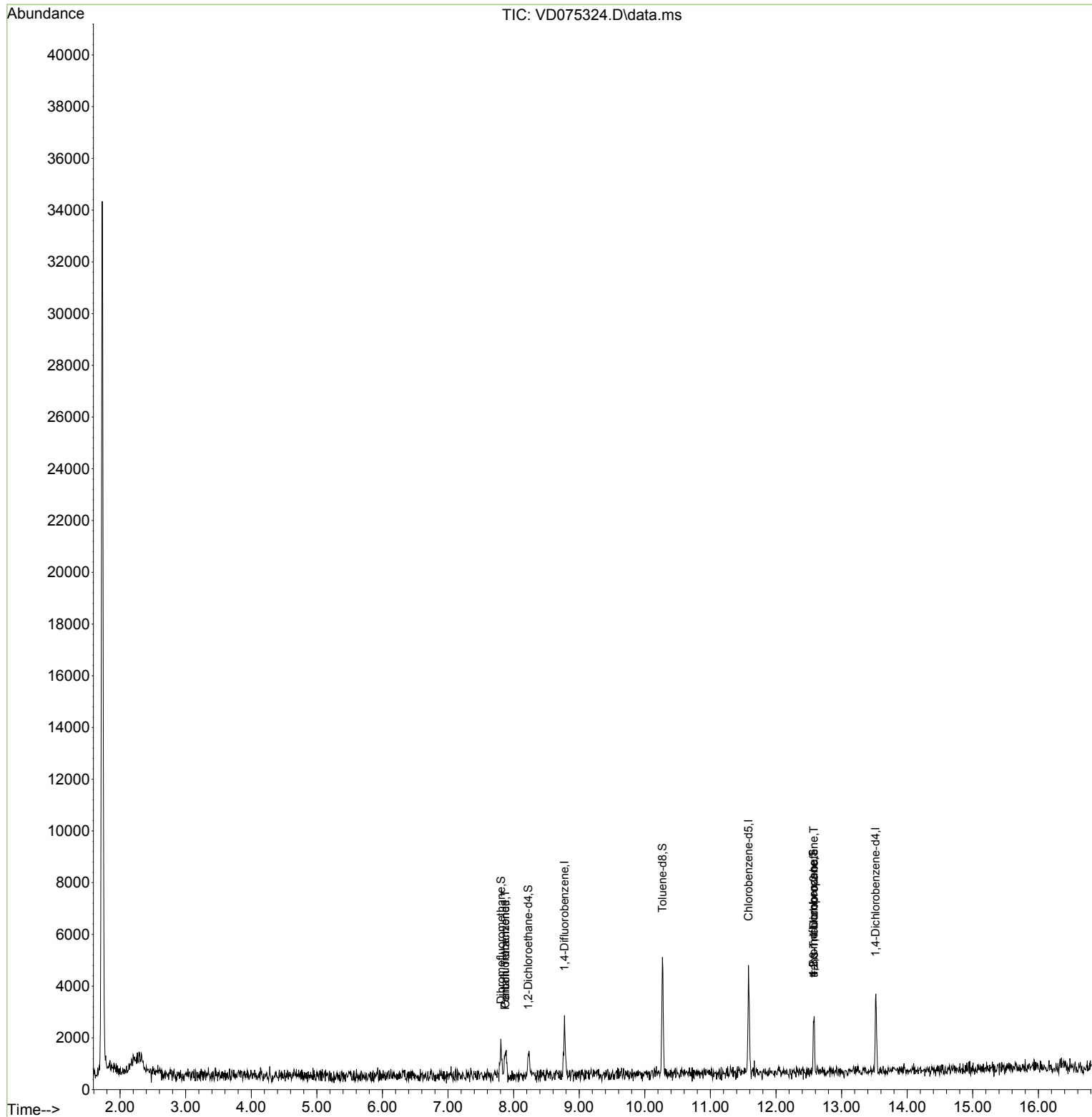
Internal Standards						
1) Pentafluorobenzene	7.869	168	1548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	2449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	2528	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	1082	59.609	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.220%	
35) Dibromofluoromethane	7.810	113	1013	58.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.980%	
50) Toluene-d8	10.269	98	3029	46.511	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.020%	
62) 4-Bromofluorobenzene	12.569	95	1077	50.155	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.300%	
Target Compounds						Qvalue
38) Carbon Tetrachloride	7.875	117	63	2.542	ug/l	# 14
76) 1,2,3-Trichloropropane	12.575	75	428	34.100	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	428	108.147	ug/l	# 14

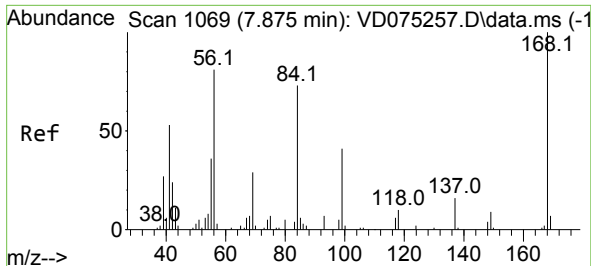
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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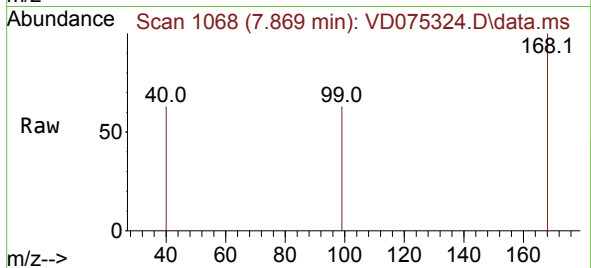
Quant Time: Feb 14 01:20:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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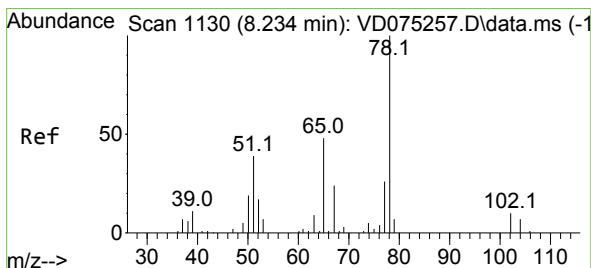
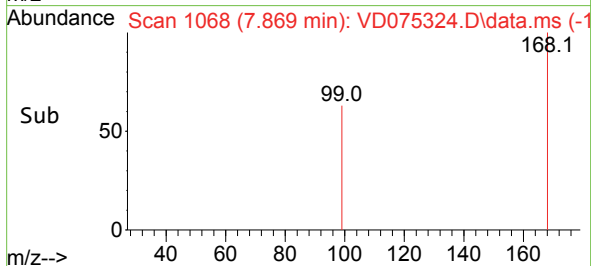
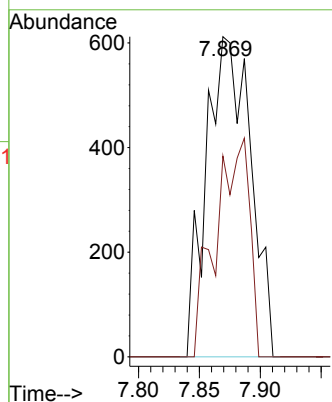


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD075324.D
Acq: 13 Feb 2023 13:30

Instrument :
MSVOA_D
ClientSampleId :
SB-06-5.0-7.0

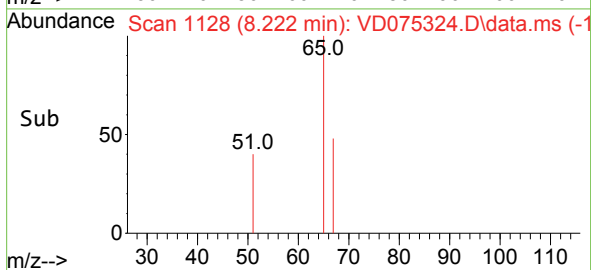
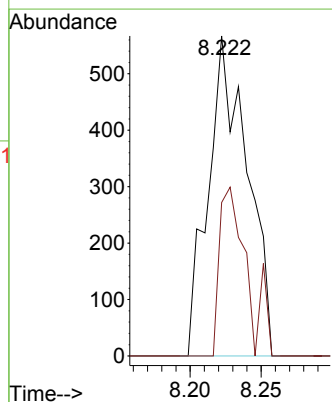
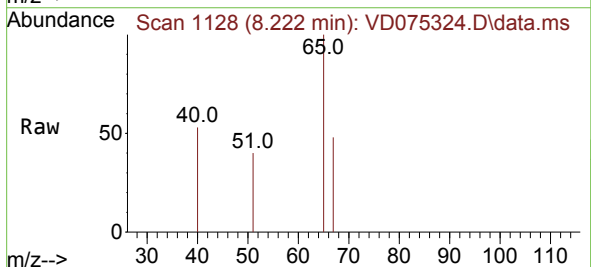


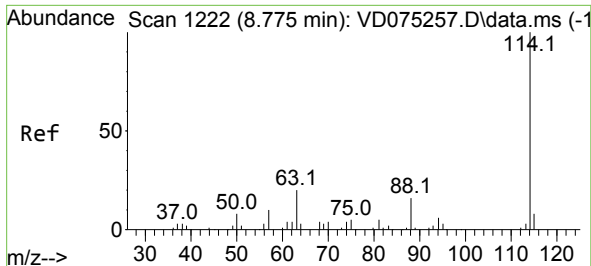
Tgt Ion:168 Resp: 1548
Ion Ratio Lower Upper
168 100
99 62.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 59.609 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VD075324.D
Acq: 13 Feb 2023 13:30

Tgt Ion: 65 Resp: 1082
Ion Ratio Lower Upper
65 100
67 36.8 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075324.D

Acq: 13 Feb 2023 13:30

Instrument :

MSVOA_D

ClientSampleId :

SB-06-5.0-7.0

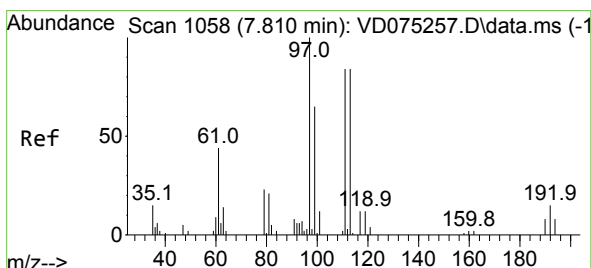
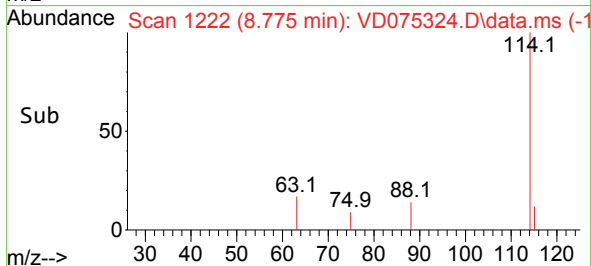
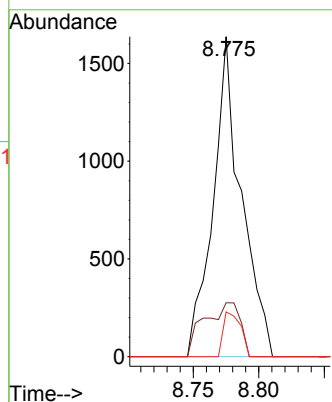
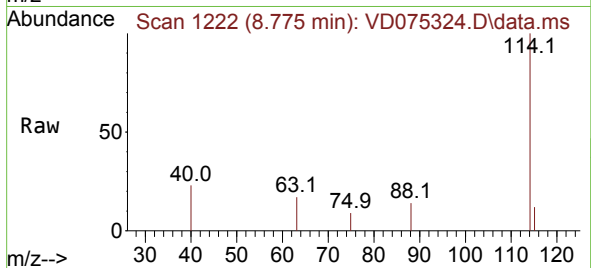
Tgt Ion:114 Resp: 2449

Ion Ratio Lower Upper

114 100

63 16.9 0.0 40.2

88 14.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 58.990 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075324.D

Acq: 13 Feb 2023 13:30

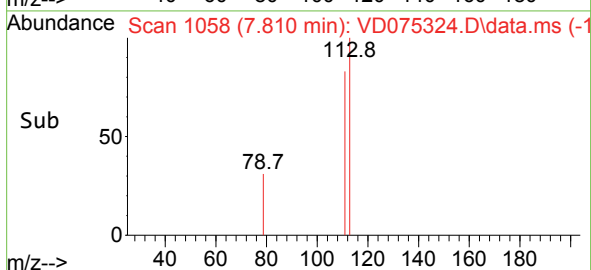
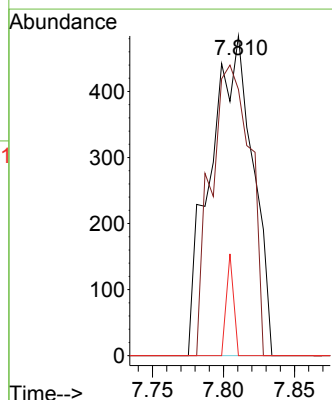
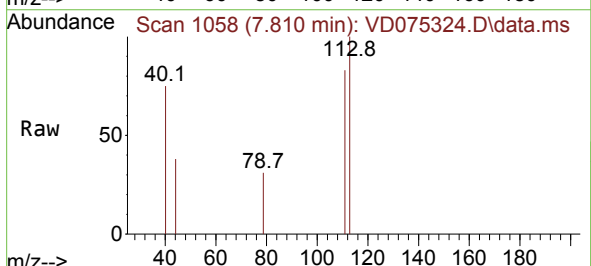
Tgt Ion:113 Resp: 1013

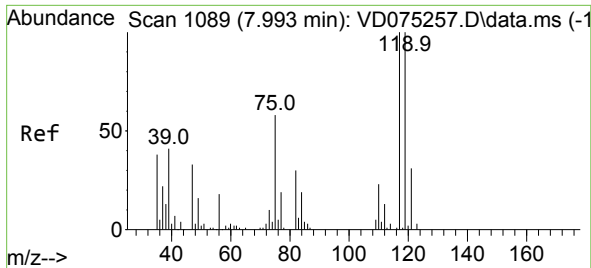
Ion Ratio Lower Upper

113 100

111 83.8 80.1 120.1

192 5.3 15.4 23.0#

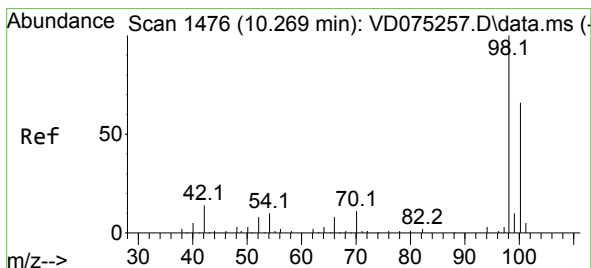
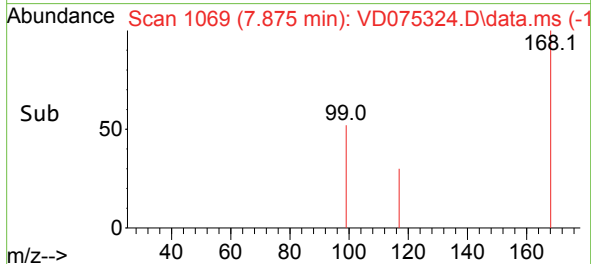
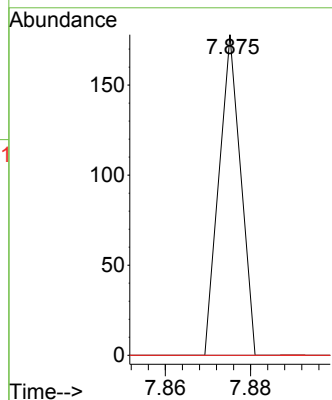
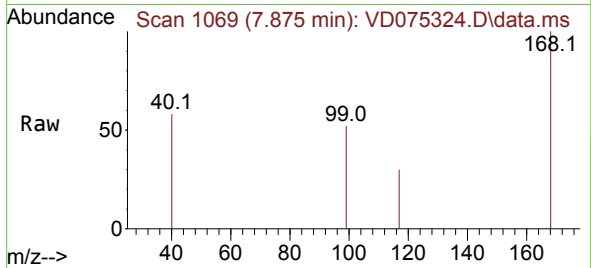




#38
Carbon Tetrachloride
Concen: 2.542 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075324.D
Acq: 13 Feb 2023 13:30

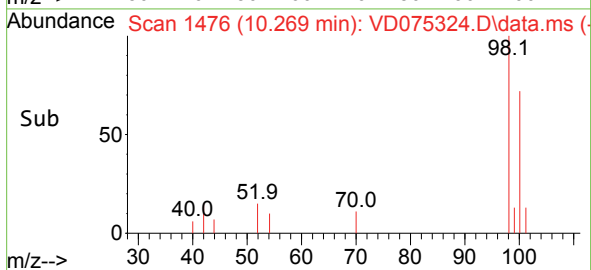
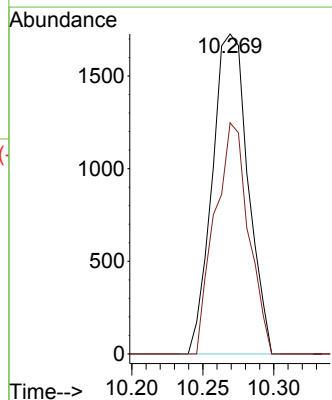
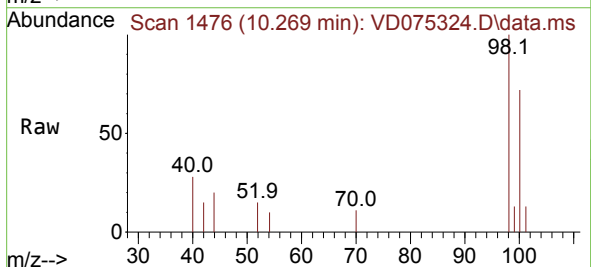
Instrument :
MSVOA_D
ClientSampleId :
SB-06-5.0-7.0

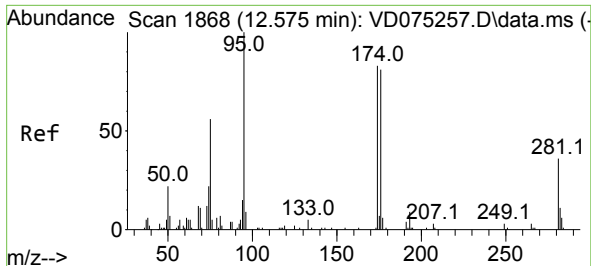
Tgt Ion:117 Resp: 63
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 46.511 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075324.D
Acq: 13 Feb 2023 13:30

Tgt Ion: 98 Resp: 3029
Ion Ratio Lower Upper
98 100
100 68.0 52.7 79.1

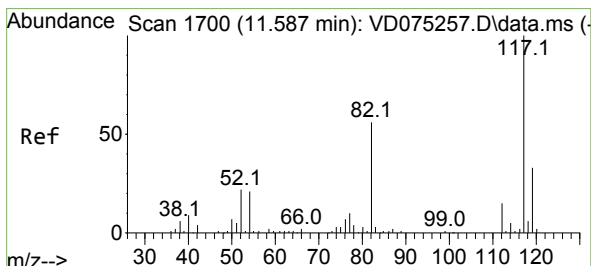
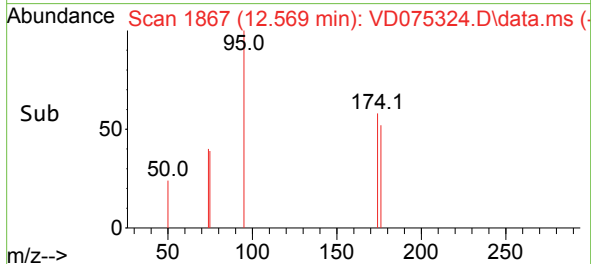
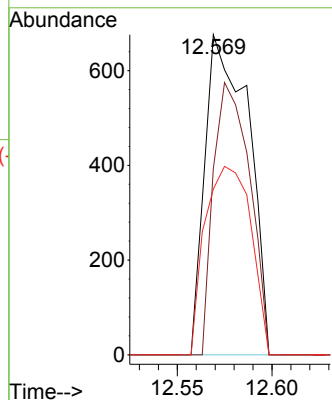
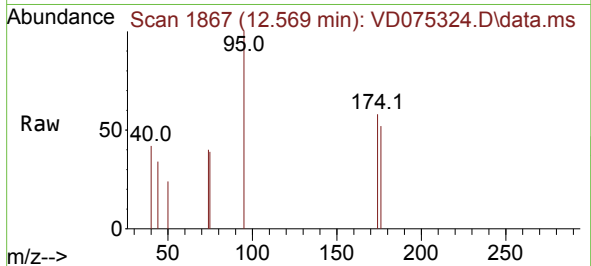




#62
4-Bromofluorobenzene
Concen: 50.155 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD075324.D
Acq: 13 Feb 2023 13:30

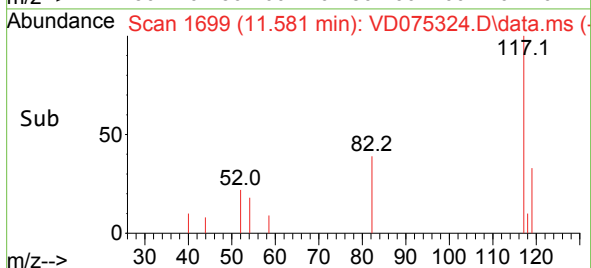
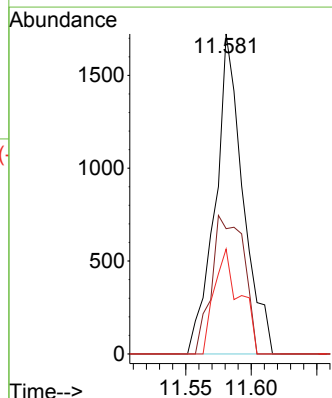
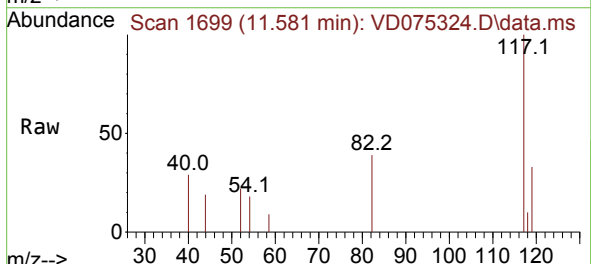
Instrument :
MSVOA_D
ClientSampleId :
SB-06-5.0-7.0

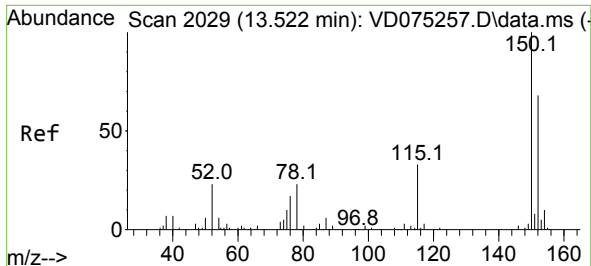
Tgt Ion: 95 Resp: 1077
Ion Ratio Lower Upper
95 100
174 71.0 0.0 161.2
176 62.2 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075324.D
Acq: 13 Feb 2023 13:30

Tgt Ion: 117 Resp: 2528
Ion Ratio Lower Upper
117 100
82 39.1 39.6 59.4#
119 32.8 24.6 37.0

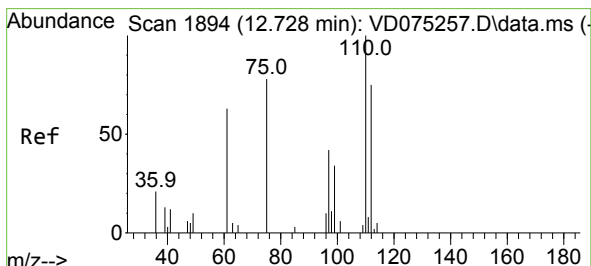
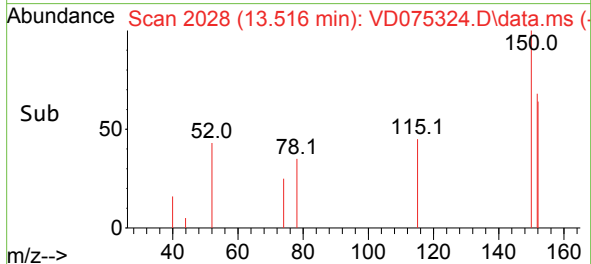
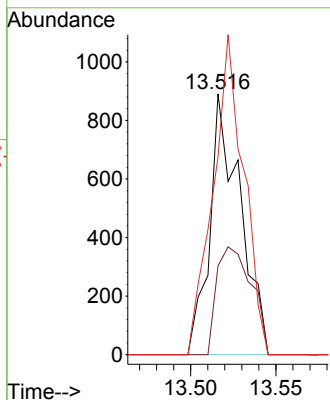
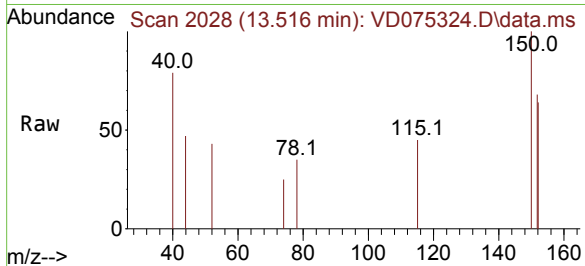




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD075324.D
 Acq: 13 Feb 2023 13:30

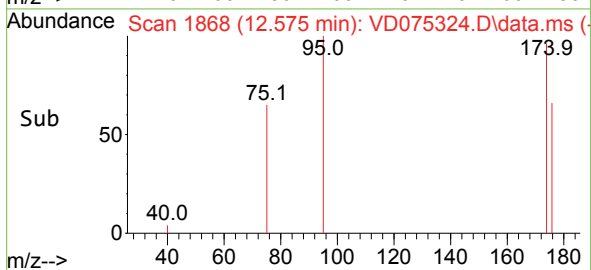
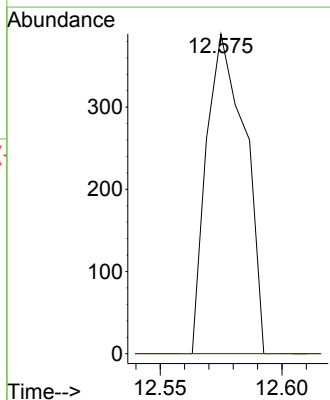
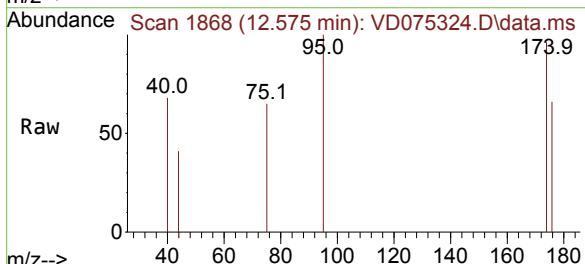
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 ClientSampleId :
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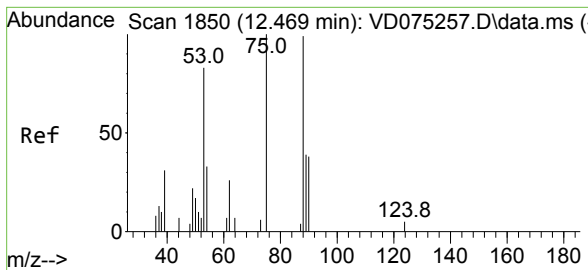
Tgt Ion:152 Resp: 1105
 Ion Ratio Lower Upper
 152 100
 115 47.3 28.8 86.4
 150 124.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 34.100 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075324.D
 Acq: 13 Feb 2023 13:30

Tgt Ion: 75 Resp: 428
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.147 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075324.D
 Acq: 13 Feb 2023 13:30

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-5.0-7.0

Tgt Ion:	75	Resp:	428
Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	34.6	52.0#

