

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074528.D
 Acq On : 13 Oct 2022 14:40
 Operator : VA/SY
 Sample : N5100-05
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW5-GW-863-865

Quant Time: Oct 13 16:57:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

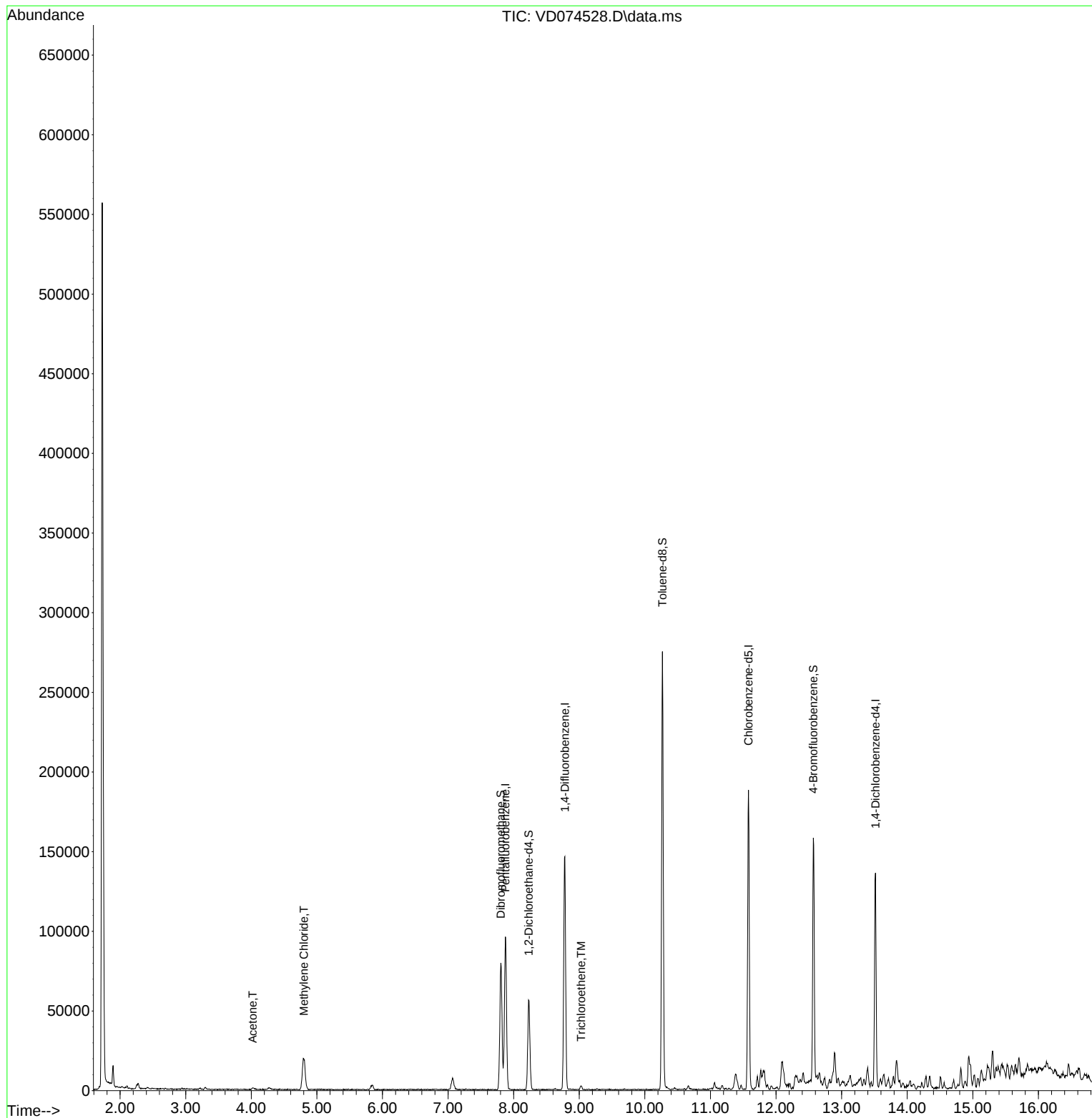
Internal Standards						
1) Pentafluorobenzene	7.875	168	77976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	141541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	117178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	38265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43819	65.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.580%	
35) Dibromofluoromethane	7.804	113	57971	69.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.080%	
50) Toluene-d8	10.269	98	194724	59.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 119.500%	
62) 4-Bromofluorobenzene	12.569	95	47988	47.998	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.000%	
Target Compounds						
						Qvalue
16) Acetone	4.022	43	1410	9.739	ug/l	97
20) Methylene Chloride	4.804	84	17392	9.025	ug/l	92
44) Trichloroethene	9.028	130	1190	1.029	ug/l	82

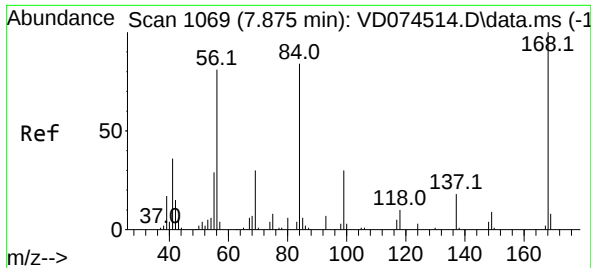
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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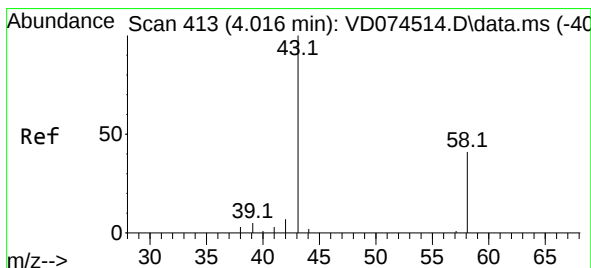
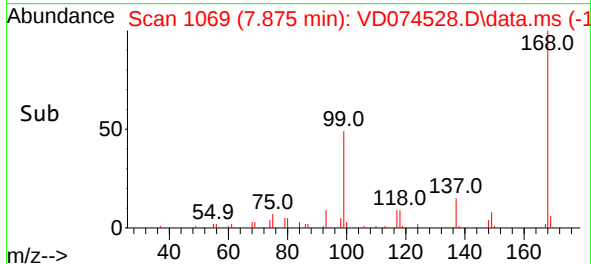
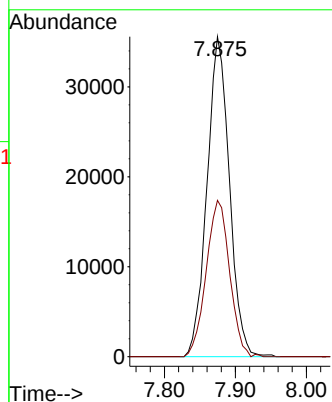
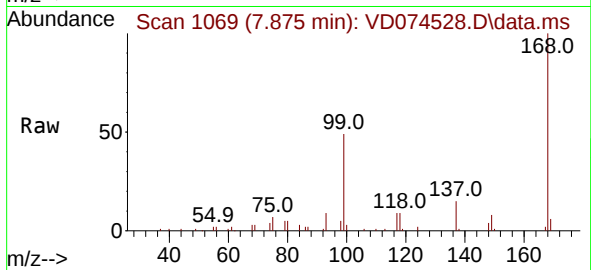




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074528.D
Acq: 13 Oct 2022 14:40

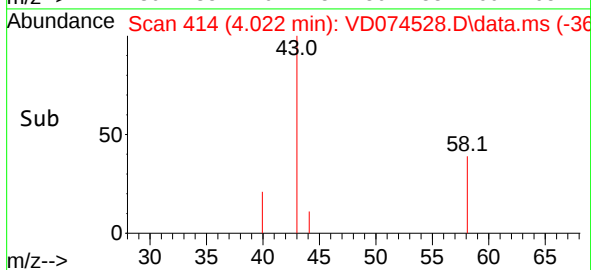
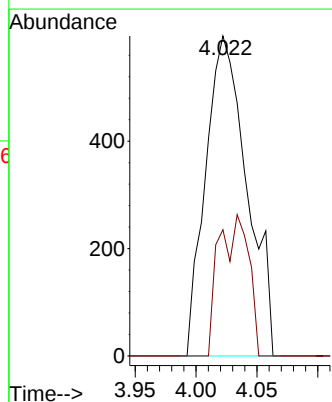
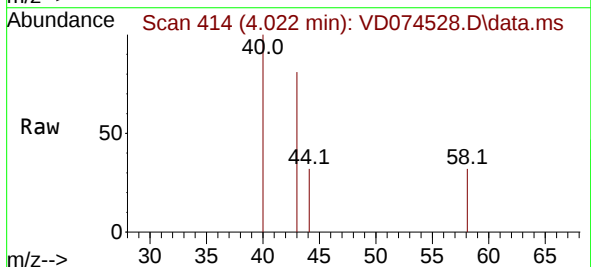
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-863-865

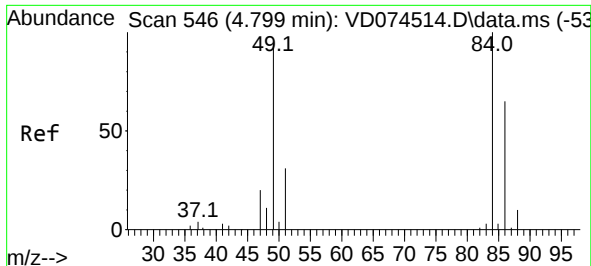
Tgt Ion:168 Resp: 77976
Ion Ratio Lower Upper
168 100
99 48.9 40.9 61.3



#16
Acetone
Concen: 9.739 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074528.D
Acq: 13 Oct 2022 14:40

Tgt Ion: 43 Resp: 1410
Ion Ratio Lower Upper
43 100
58 39.4 30.2 45.2

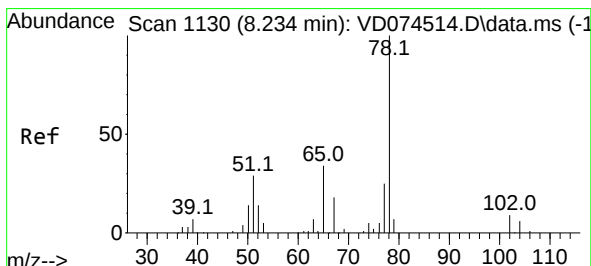
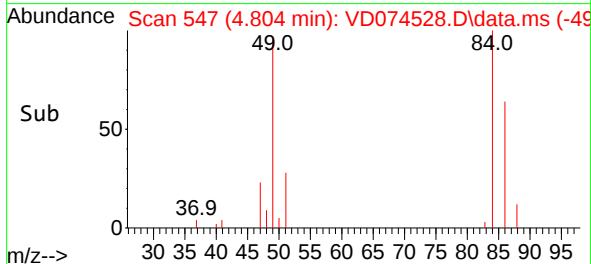
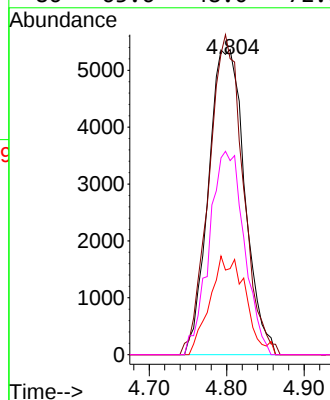
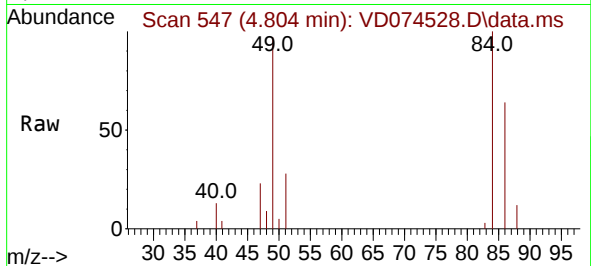




#20
Methylene Chloride
Concen: 9.025 ug/l
RT: 4.804 min Scan# 546
Delta R.T. 0.005 min
Lab File: VD074528.D
Acq: 13 Oct 2022 14:40

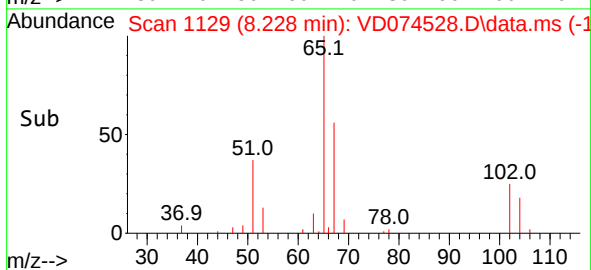
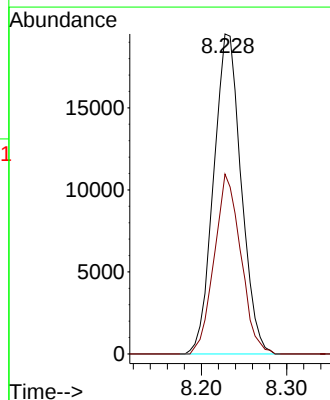
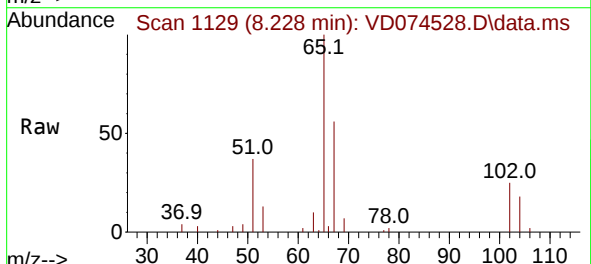
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-863-865

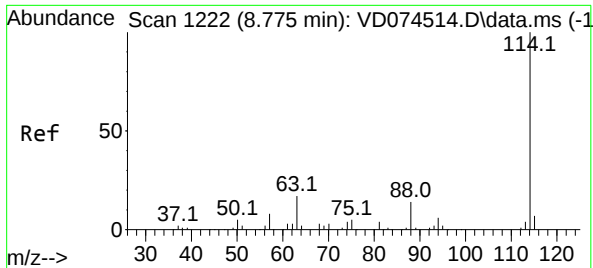
Tgt Ion: 84	Resp: 17392
Ion Ratio	Lower Upper
84 100	
49 97.0	68.0 102.0
51 28.2	23.2 34.8
86 63.6	48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 65.286 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074528.D
Acq: 13 Oct 2022 14:40

Tgt Ion: 65	Resp: 43819
Ion Ratio	Lower Upper
65 100	
67 54.2	0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074528.D

Acq: 13 Oct 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW5-GW-863-865

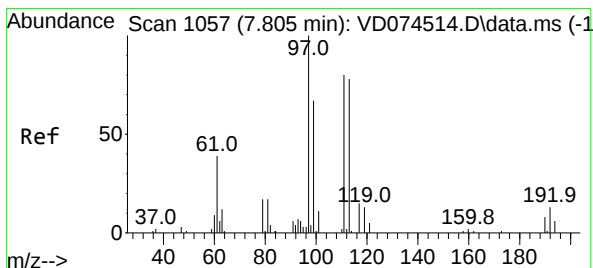
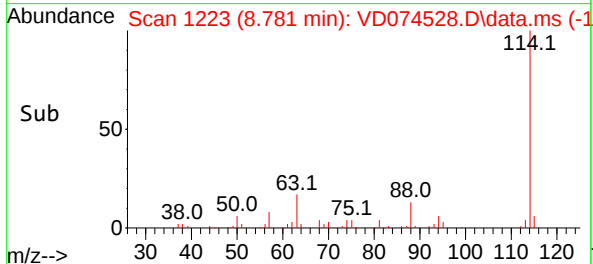
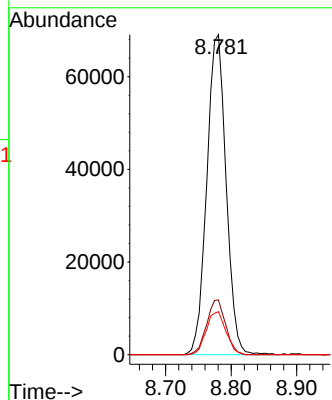
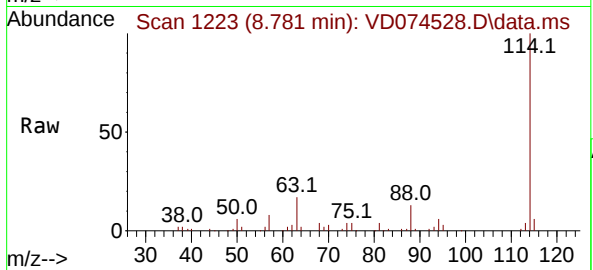
Tgt Ion:114 Resp: 141541

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.2

88 13.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 69.043 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074528.D

Acq: 13 Oct 2022 14:40

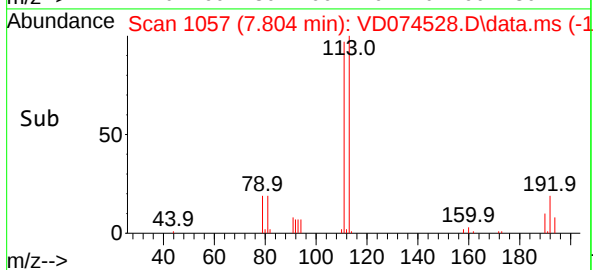
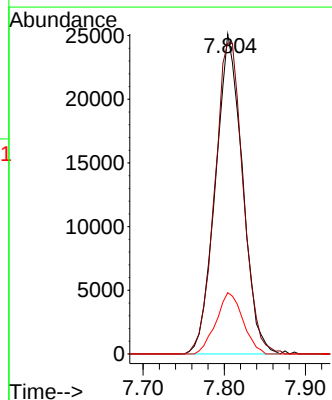
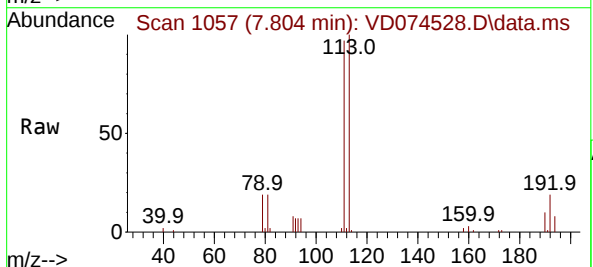
Tgt Ion:113 Resp: 57971

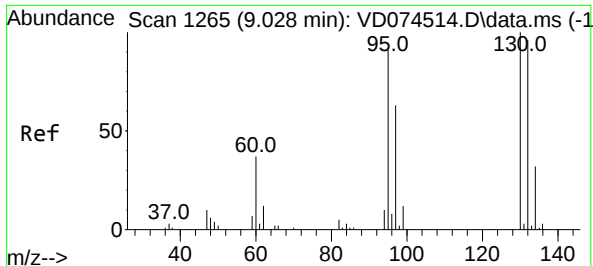
Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

192 19.0 16.4 24.6

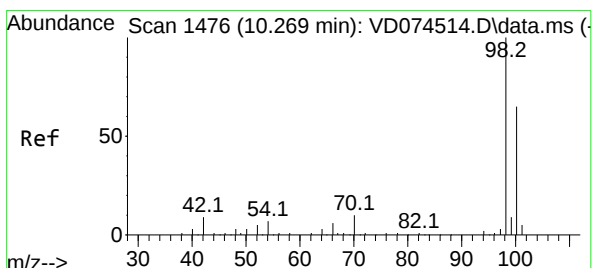
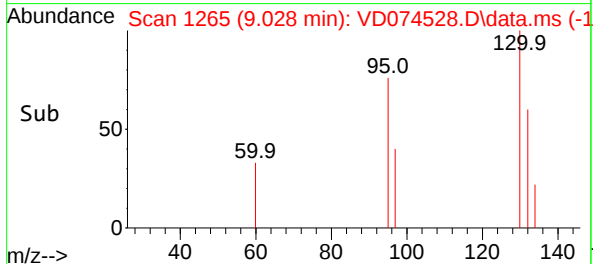
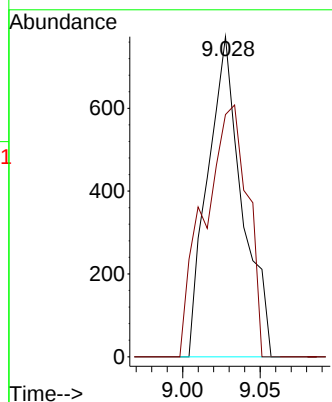
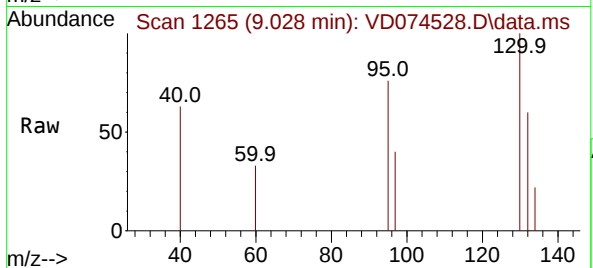




#44
Trichloroethene
Concen: 1.029 ug/l
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074528.D
Acq: 13 Oct 2022 14:40

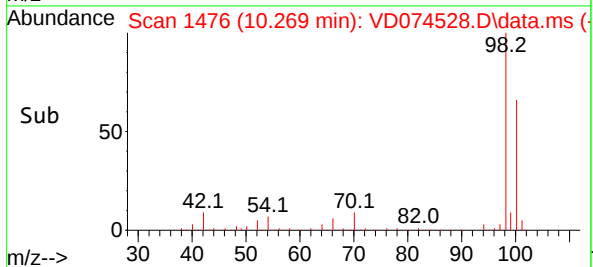
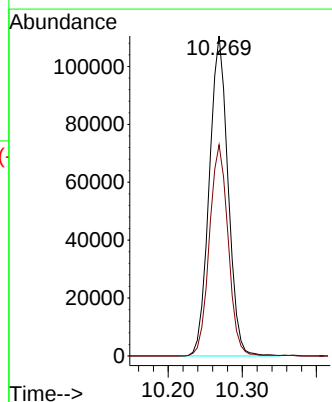
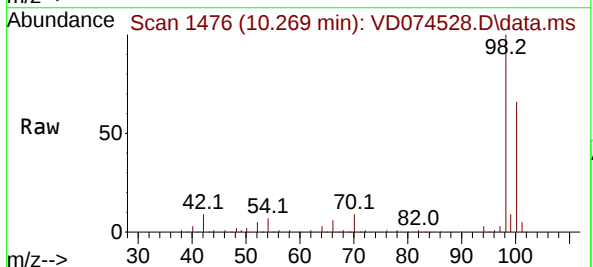
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-863-865

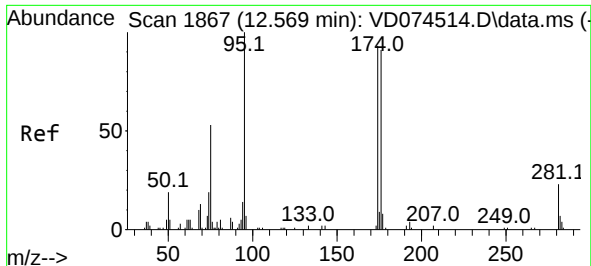
Tgt Ion:130 Resp: 1190
Ion Ratio Lower Upper
130 100
95 75.7 0.0 185.4



#50
Toluene-d8
Concen: 59.747 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074528.D
Acq: 13 Oct 2022 14:40

Tgt Ion: 98 Resp: 194724
Ion Ratio Lower Upper
98 100
100 65.9 51.4 77.0

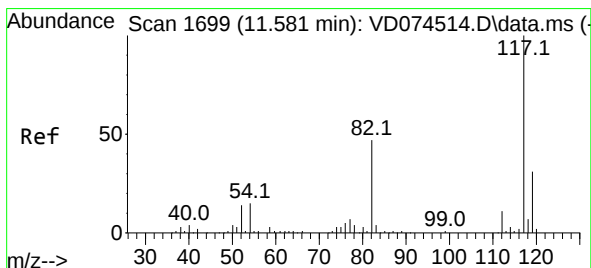
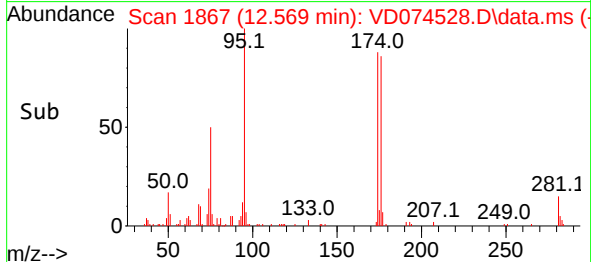
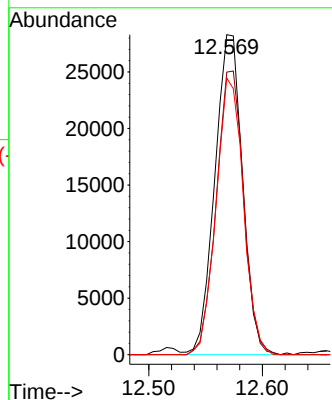
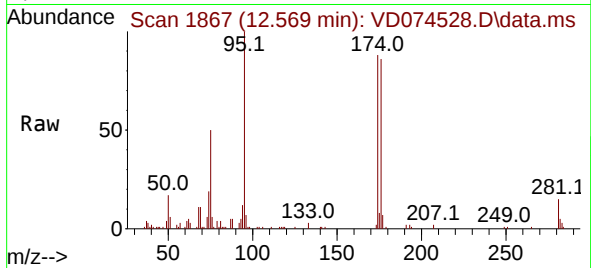




#62
4-Bromofluorobenzene
Concen: 47.998 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074528.D
Acq: 13 Oct 2022 14:40

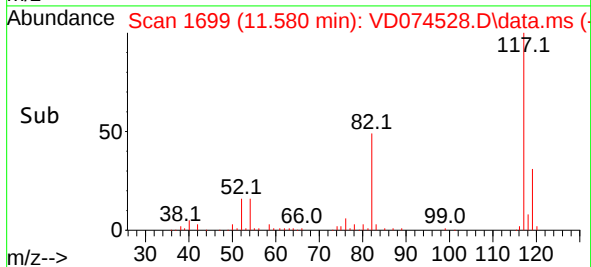
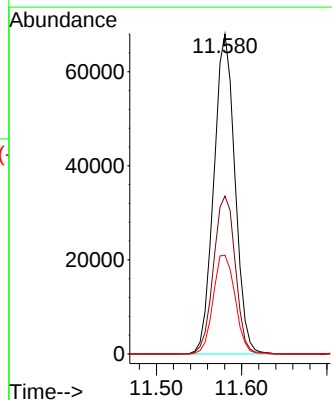
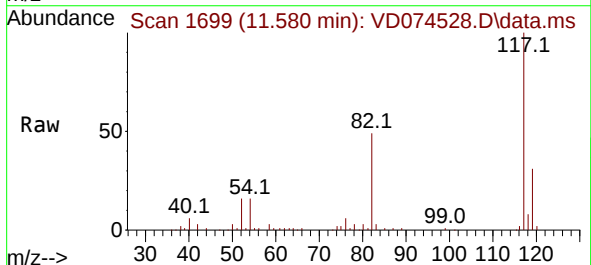
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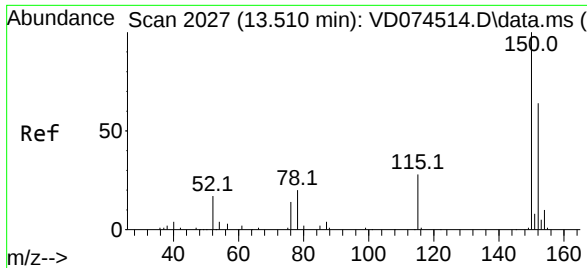
Tgt Ion:	95	Resp:	47988
Ion Ratio	Lower	Upper	
95	100		
174	87.8	0.0	197.0
176	84.8	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD074528.D
Acq: 13 Oct 2022 14:40

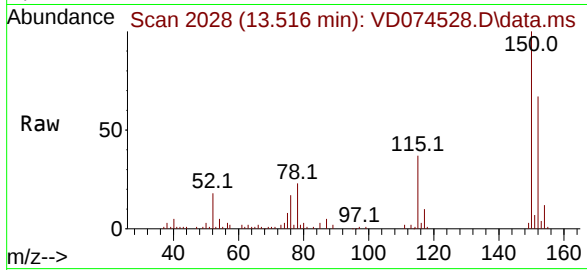
Tgt Ion:	117	Resp:	117178
Ion Ratio	Lower	Upper	
117	100		
82	49.4	41.6	62.4
119	30.8	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074528.D
 Acq: 13 Oct 2022 14:40

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW5-GW-863-865



Tgt Ion:	152	Resp:	38265
Ion	Ratio	Lower	Upper
152	100		
115	56.2	26.8	80.4
150	155.3	0.0	348.2

