

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069199.D
 Acq On : 19 May 2021 16:27
 Operator : VA/SY
 Sample : M2437-07
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: May 20 01:02:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

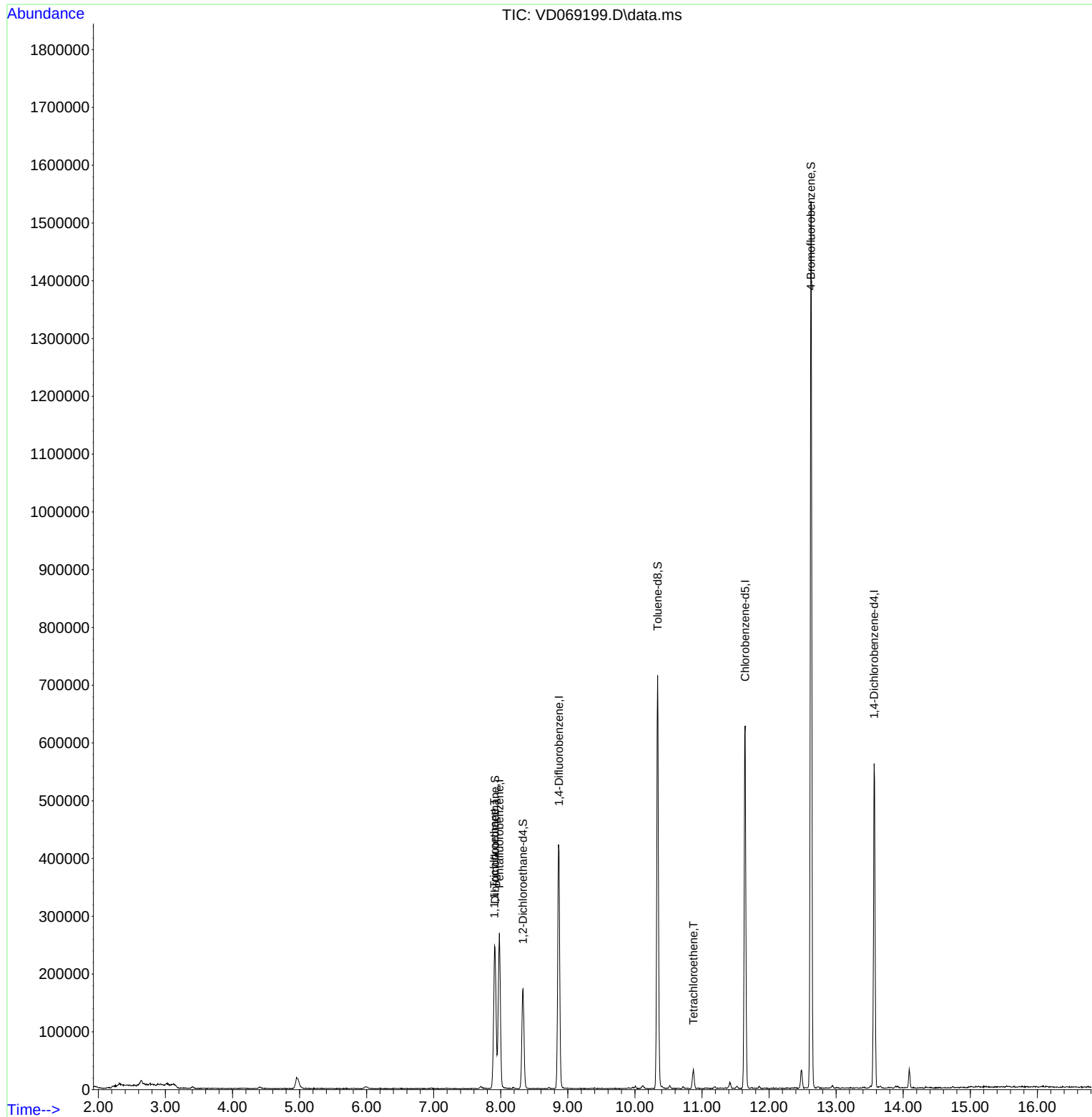
Internal Standards						
1) Pentafluorobenzene	7.979	168	190303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	377649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	368920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	150910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138926	72.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 145.64%			
35) Dibromofluoromethane	7.914	113	143215	58.27	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.54%			
50) Toluene-d8	10.338	98	490609	54.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.66%			
62) 4-Bromofluorobenzene	12.626	95	171906	59.16	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.32%			
Target Compounds						Qvalue
32) 1,1,1-Trichloroethane	7.903	97	47326	12.86	ug/l	99
64) Tetrachloroethene	10.873	164	5785	2.26	ug/l #	84

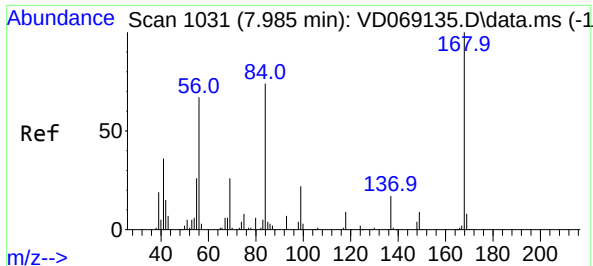
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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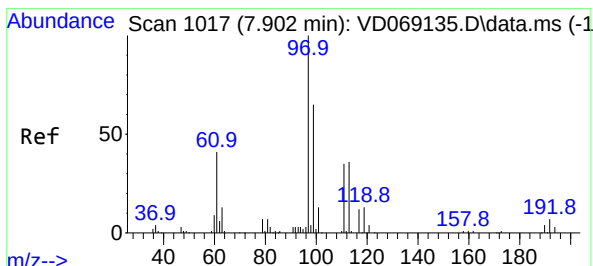
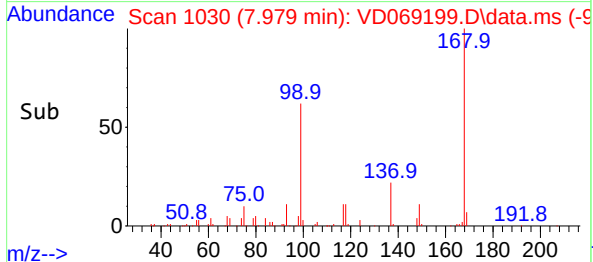
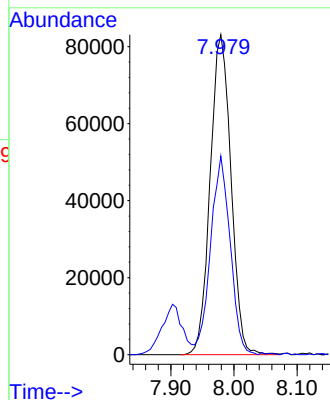
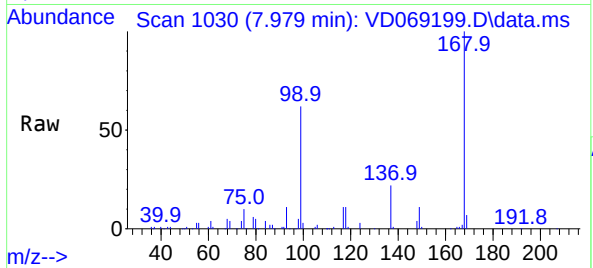




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069199.D
Acq: 19 May 2021 16:27

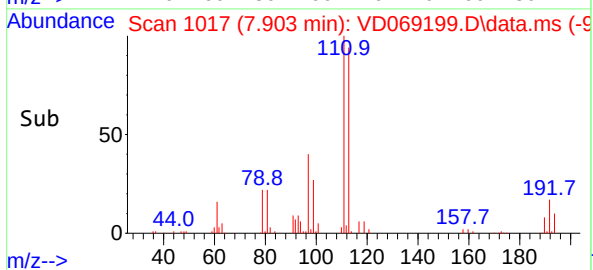
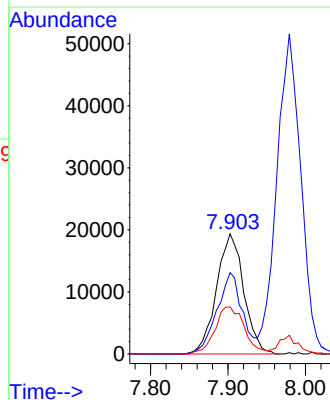
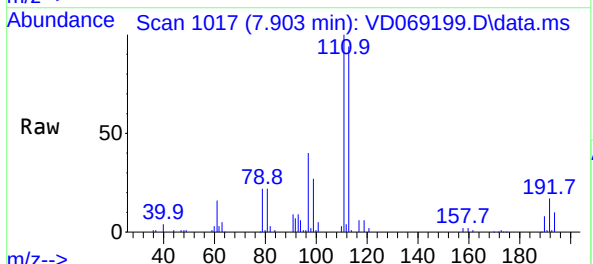
Instrument :
MSVOA_D
ClientSampled :
TP-3

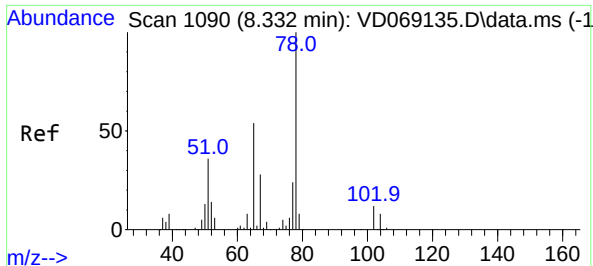
Tgt Ion:168 Resp: 190303
Ion Ratio Lower Upper
168 100
99 62.1 47.2 70.8



#32
1,1,1-Trichloroethane
Concen: 12.86 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069199.D
Acq: 19 May 2021 16:27

Tgt Ion: 97 Resp: 47326
Ion Ratio Lower Upper
97 100
99 63.9 51.5 77.3
61 42.0 32.5 48.7

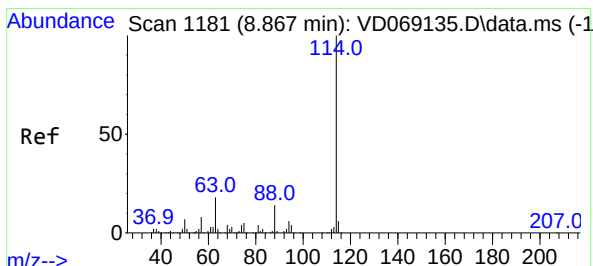
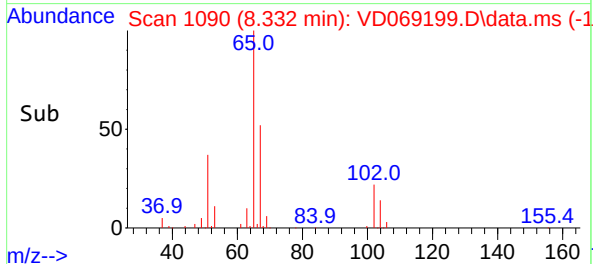
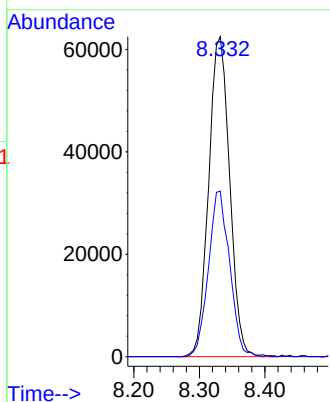
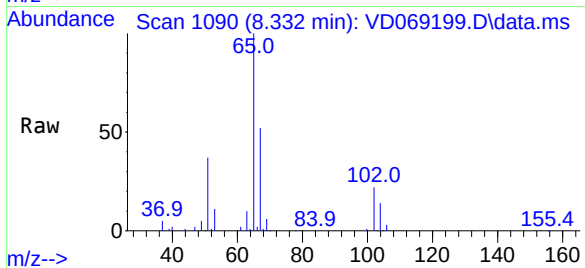




#33
1,2-Dichloroethane-d4
Concen: 72.82 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069199.D
Acq: 19 May 2021 16:27

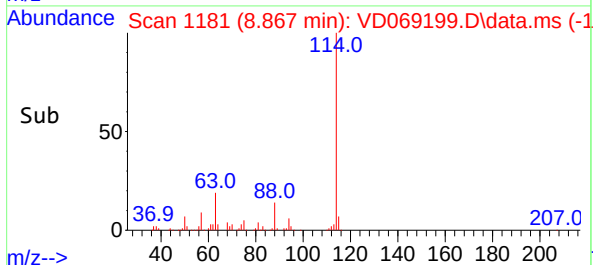
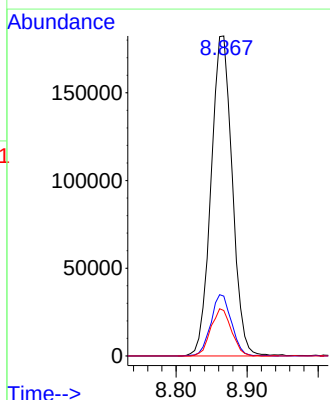
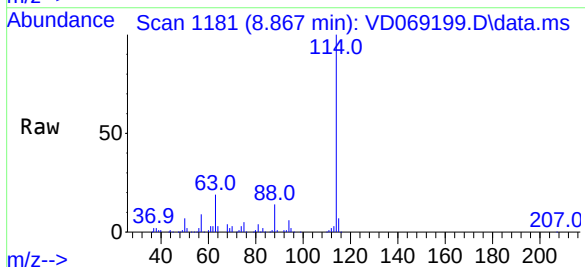
Instrument :
MSVOA_D
ClientSampled :
TP-3

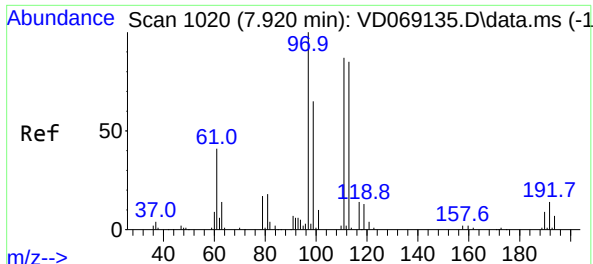
Tgt Ion: 65 Resp: 138926
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069199.D
Acq: 19 May 2021 16:27

Tgt Ion: 114 Resp: 377649
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 14.2 0.0 28.2



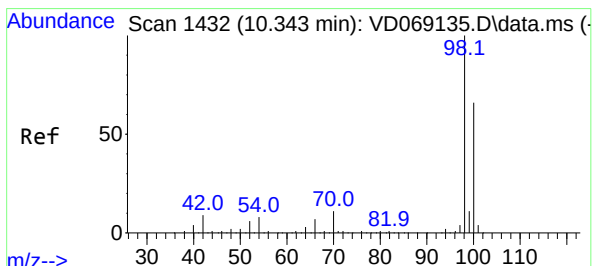
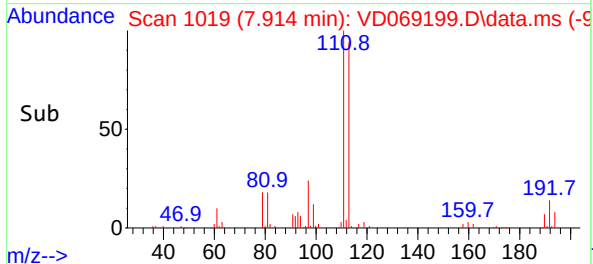
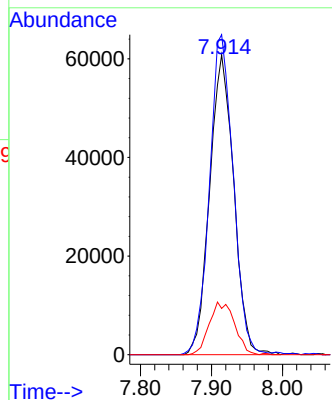
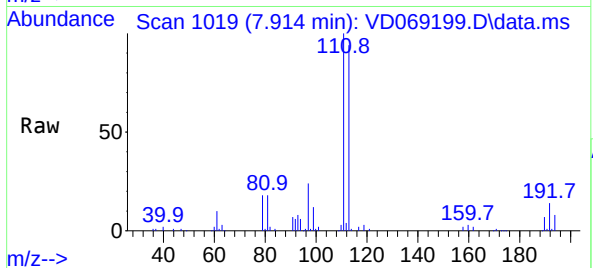


#35
Dibromofluoromethane
Concen: 58.27 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069199.D
Acq: 19 May 2021 16:27

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:113 Resp: 143215

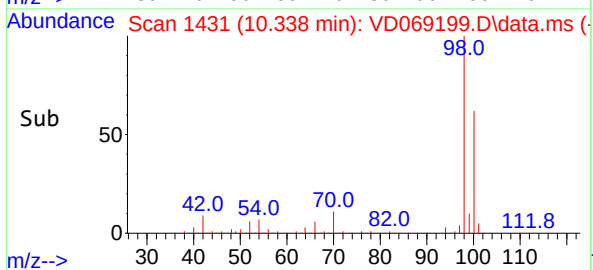
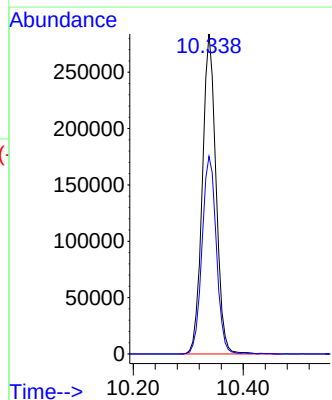
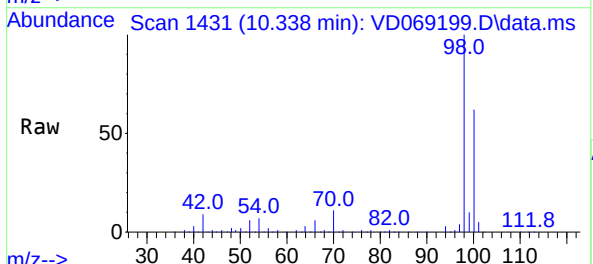
Ion	Ratio	Lower	Upper
113	100		
111	105.0	80.6	120.8
192	18.4	14.8	22.2

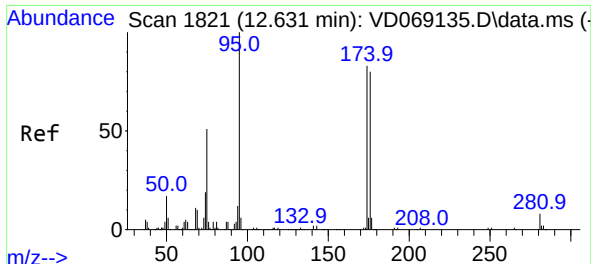


#50
Toluene-d8
Concen: 54.33 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069199.D
Acq: 19 May 2021 16:27

Tgt Ion: 98 Resp: 490609

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.8



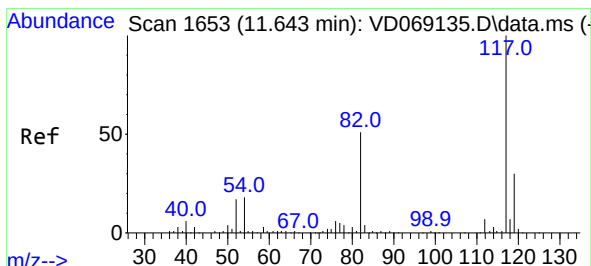
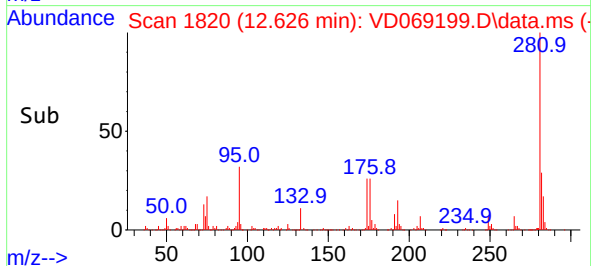
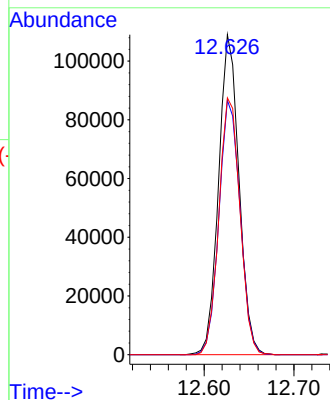
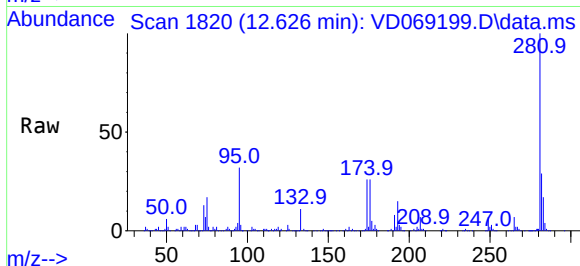


#62
4-Bromofluorobenzene
Concen: 59.16 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069199.D
Acq: 19 May 2021 16:27

Instrument :
MSVOA_D
ClientSampled :
TP-3

Tgt Ion: 95 Resp: 171906

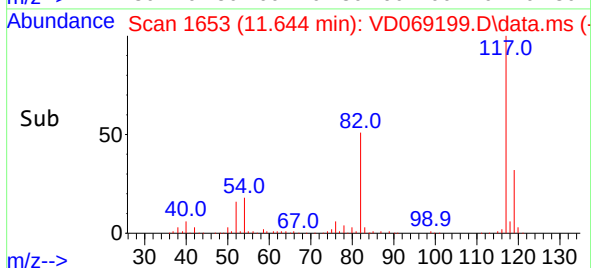
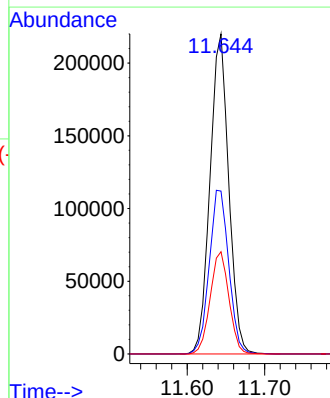
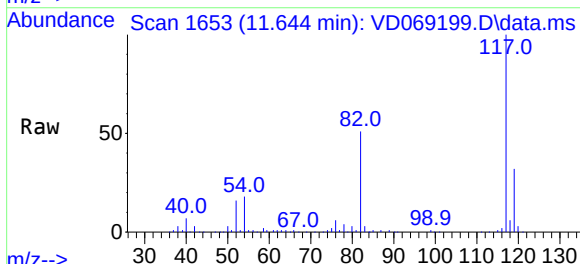
Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	171.8
176	83.0	0.0	165.4

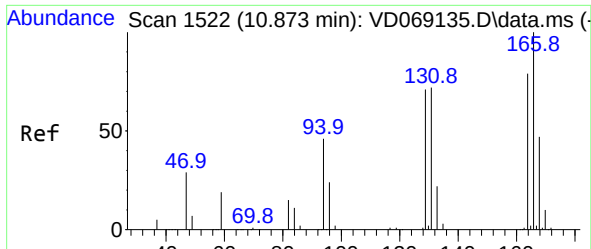


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069199.D
Acq: 19 May 2021 16:27

Tgt Ion: 117 Resp: 368920

Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.5	60.7
119	31.9	24.2	36.4



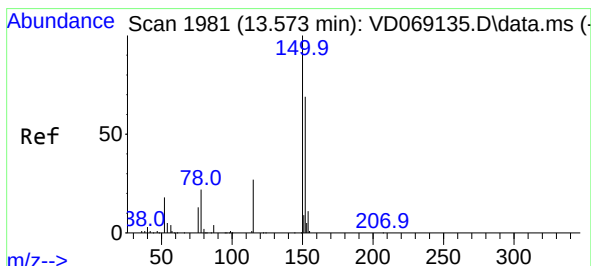
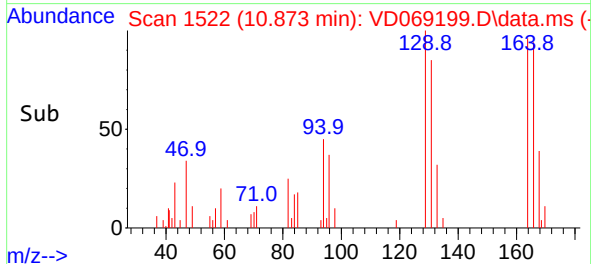
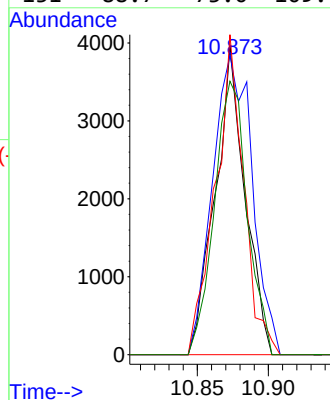
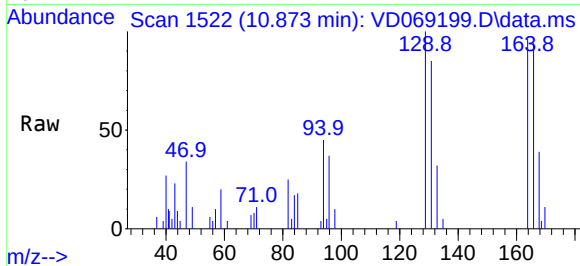


#64
Tetrachloroethene
Concen: 2.26 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069199.D
Acq: 19 May 2021 16:27

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:164 Resp: 5785

Ion	Ratio	Lower	Upper
164	100		
166	97.1	101.7	152.5#
129	103.8	72.6	109.0
131	88.7	73.0	109.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069199.D
Acq: 19 May 2021 16:27

Tgt Ion:152 Resp: 150910

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.9	89.8
150	159.6	0.0	350.2

