

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122420\
 Data File : VD067948.D
 Acq On : 24 Dec 2020 16:10
 Operator : VA/SY
 Sample : L5189-16RE
 Misc : 4.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 08RE

Quant Time: Dec 25 00:16:01 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : Sw846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	11856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	17954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	19261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	7633	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	12116	94.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	189.28%#
35) Dibromofluoromethane	7.926	113	7957	70.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.68%
50) Toluene-d8	10.338	98	24017	56.48	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.96%
62) 4-Bromofluorobenzene	12.632	95	7016	48.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.48%

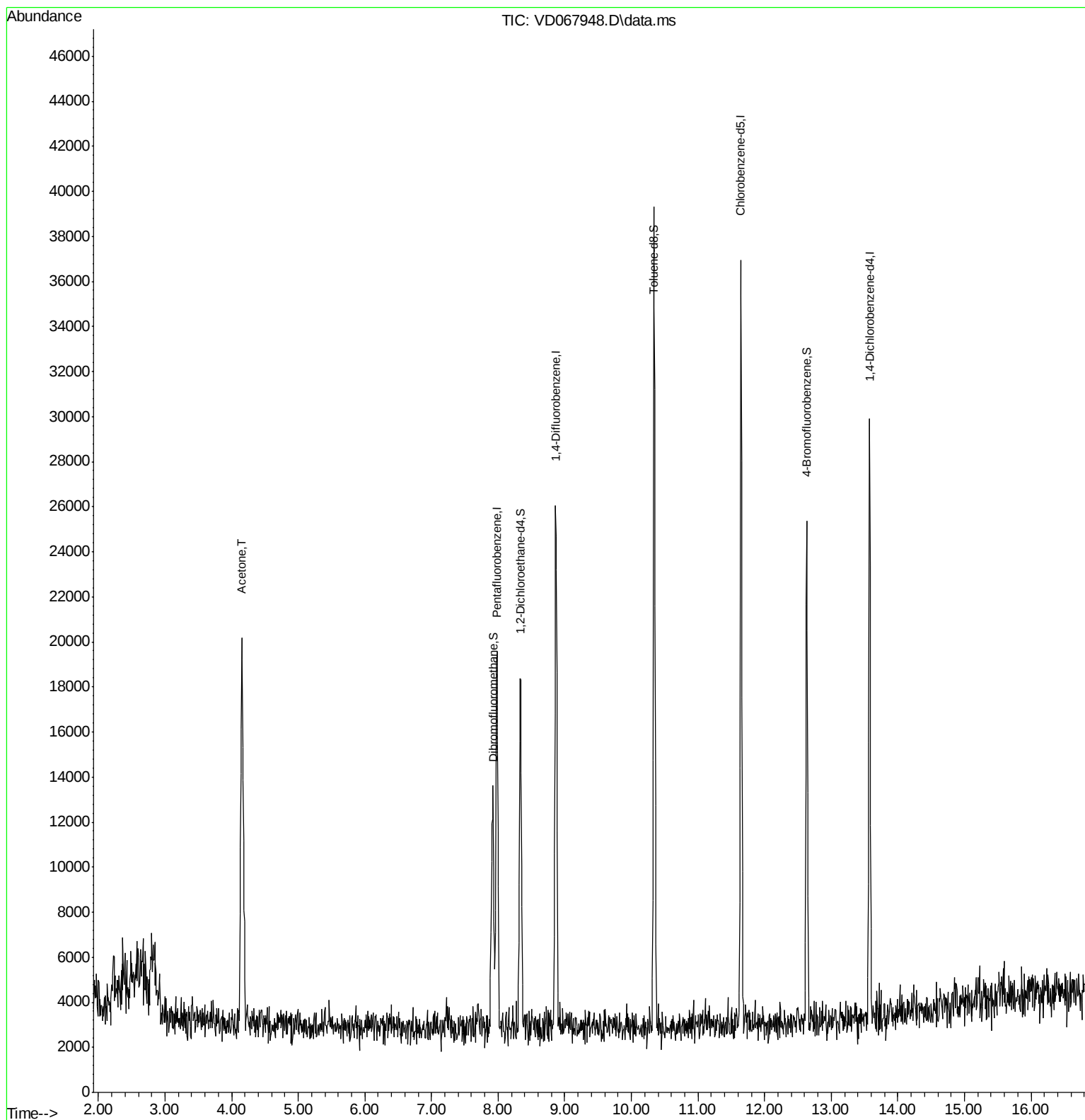
Target Compounds						Qvalue
16) Acetone	4.150	43	30352	1241.73	ug/l	93

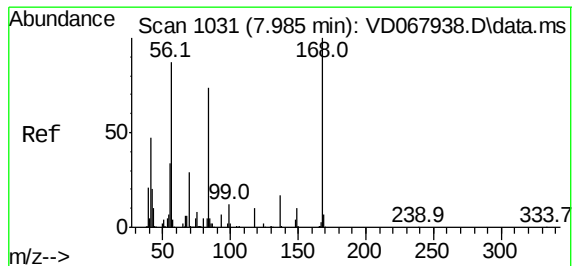
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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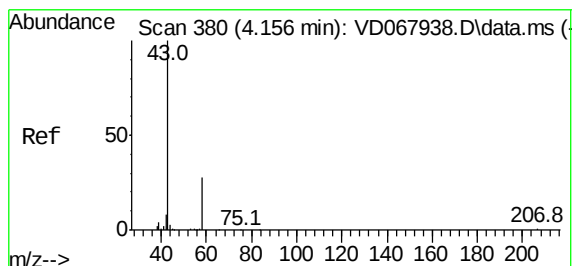
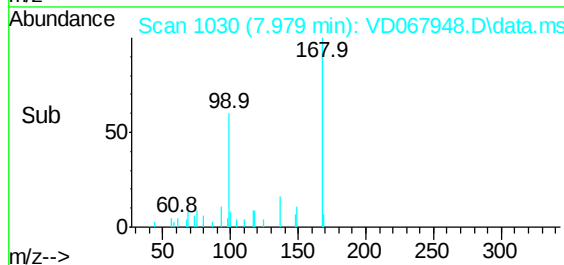
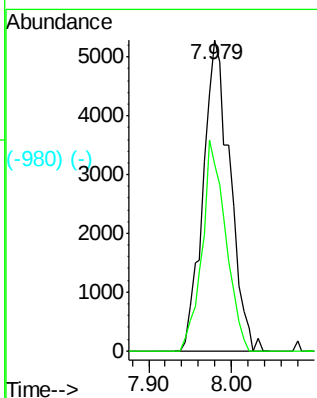
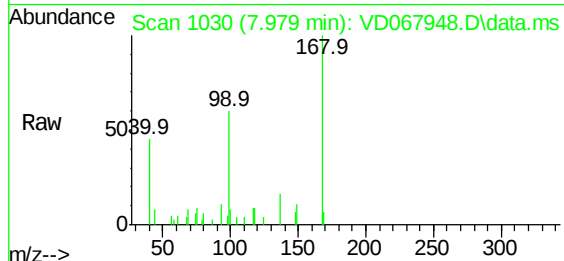




Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067948.D
Acq: 24 Dec 2020 16:10

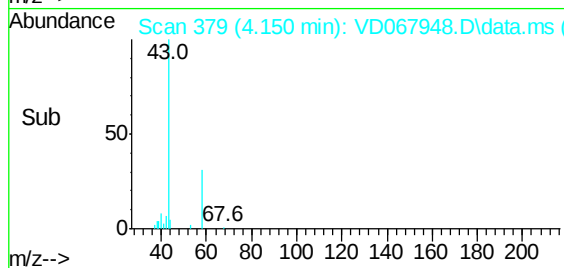
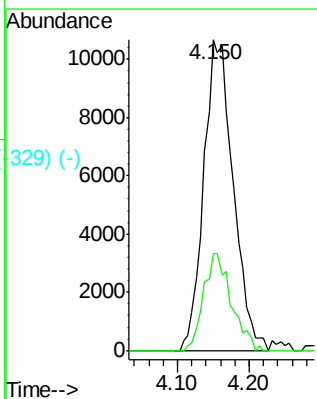
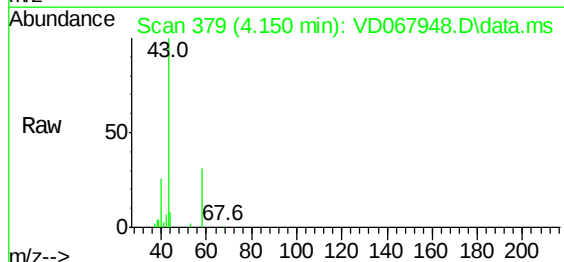
Instrument :
MSVOA_D
ClientSampleId :
08RE

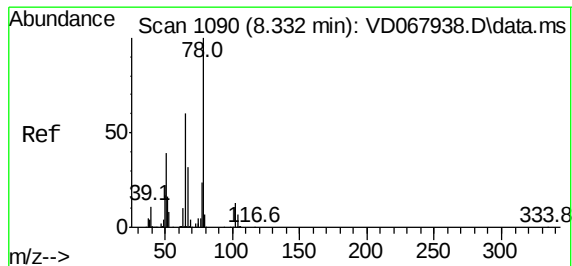
Tgt Ion:168 Resp: 11856
Ion Ratio Lower Upper
168 100
99 60.1 48.0 72.0



Acetone
Concen: 1241.73 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD067948.D
Acq: 24 Dec 2020 16:10

Tgt Ion: 43 Resp: 30352
Ion Ratio Lower Upper
43 100
58 31.4 22.3 33.5

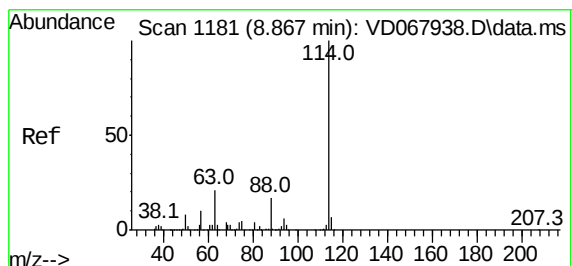
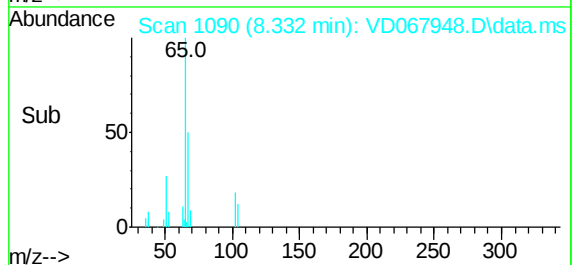
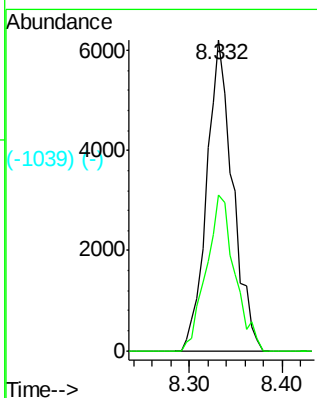
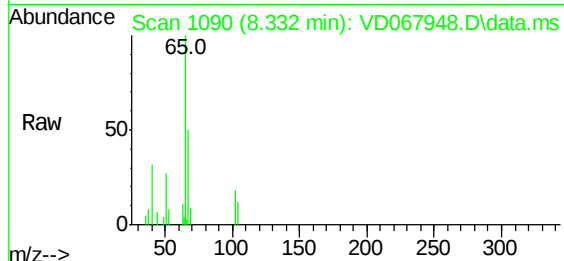




(-1090) (-)
 1,2-Dichloroethane-d4
 Concen: 94.64 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD067948.D
 Acq: 24 Dec 2020 16:10

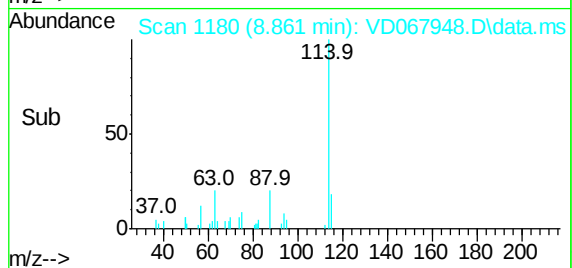
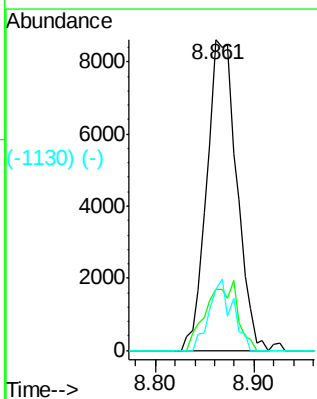
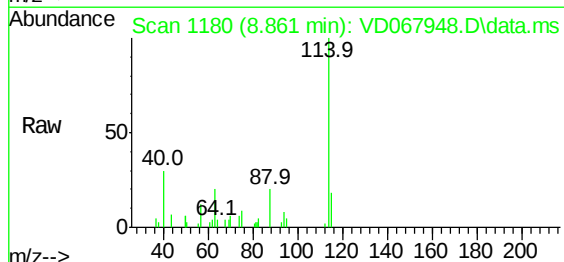
Instrument :
 MSVOA_D
 ClientSampleId :
 08RE

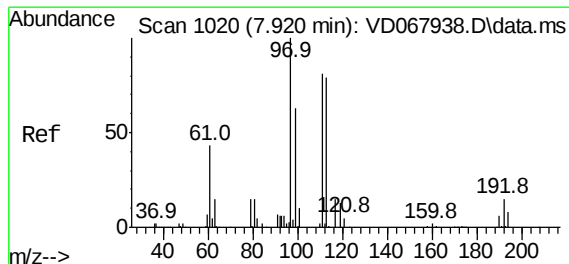
Tgt Ion: 65 Resp: 12116
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.0



(-1181) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: VD067948.D
 Acq: 24 Dec 2020 16:10

Tgt Ion: 114 Resp: 17954
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 19.8 0.0 33.2

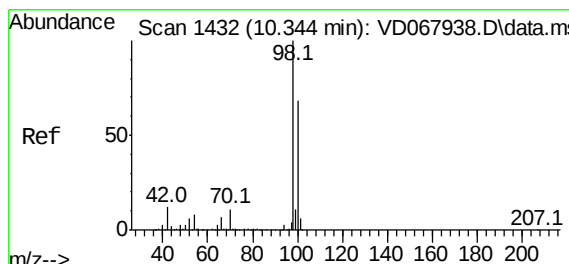
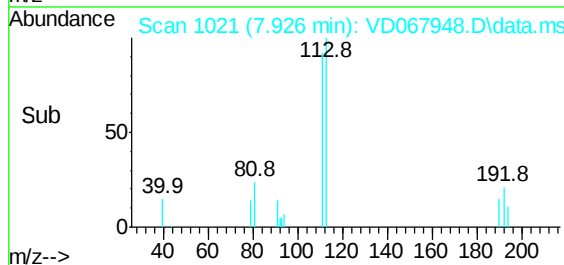
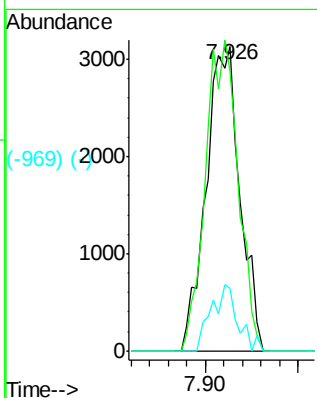
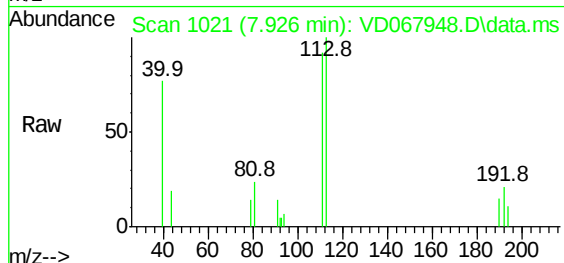




#659 (-)
 Dibromofluoromethane
 Concen: 70.34 ug/l
 RT: 7.926 min Scan# 1021
 Delta R.T. 0.006 min
 Lab File: VD067948.D
 Acq: 24 Dec 2020 16:10

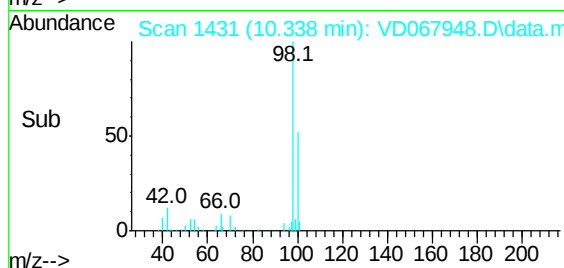
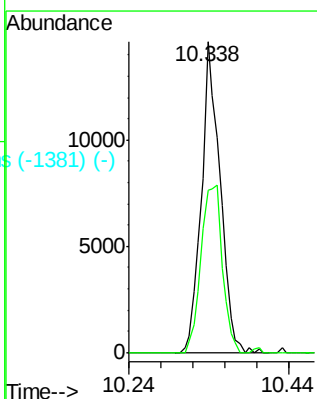
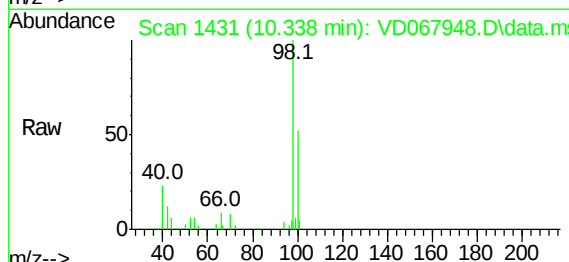
Instrument :
 MSVOA_D
 ClientSampleId :
 08RE

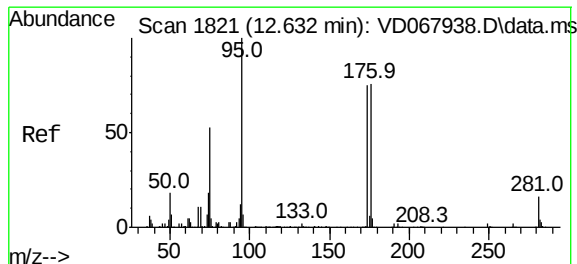
Tgt Ion:	113	Resp:	7957
Ion Ratio	Lower	Upper	
113	100		
111	98.6	79.3	118.9
192	16.9	14.5	21.7



#5022 (-)
 Toluene-d8
 Concen: 56.48 ug/l
 RT: 10.338 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VD067948.D
 Acq: 24 Dec 2020 16:10

Tgt Ion:	98	Resp:	24017
Ion Ratio	Lower	Upper	
98	100		
100	60.9	52.5	78.7

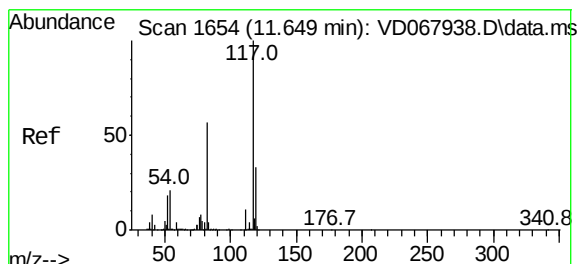
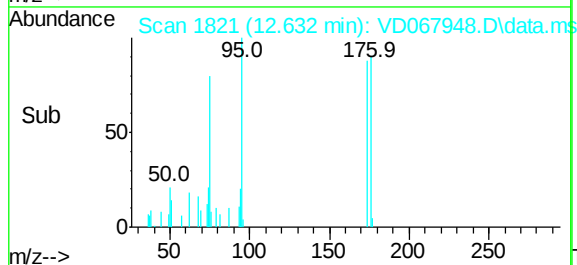
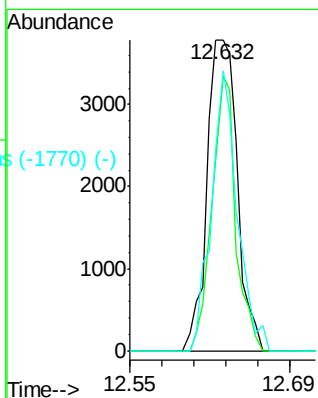
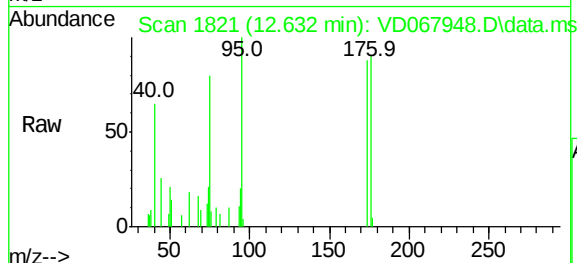




#6213 (-)
 4-Bromofluorobenzene
 Concen: 48.24 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD067948.D
 Acq: 24 Dec 2020 16:10

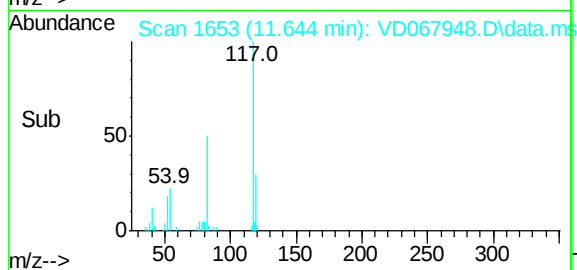
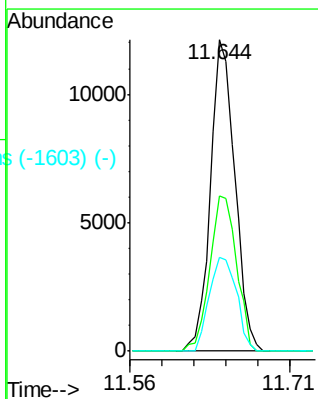
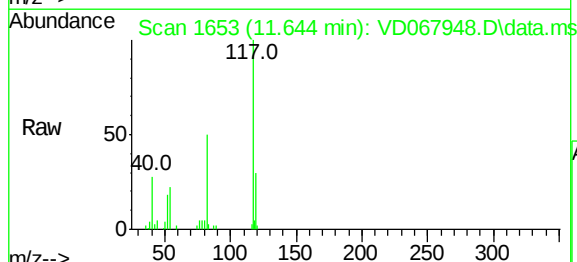
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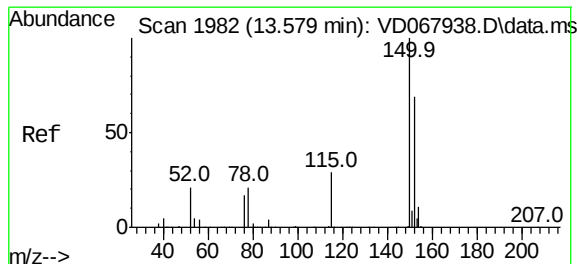
Tgt Ion:	95	Resp:	7016
Ion	Ratio	Lower	Upper
95	100		
174	68.8	0.0	150.6
176	77.2	0.0	151.2



#6214 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.644 min Scan# 1653
 Delta R.T. -0.006 min
 Lab File: VD067948.D
 Acq: 24 Dec 2020 16:10

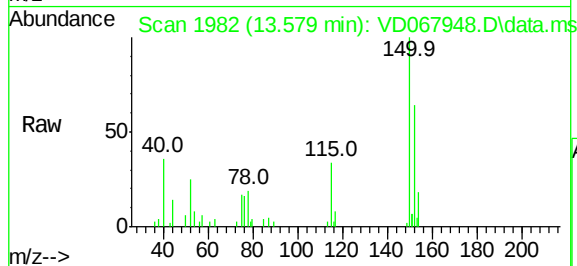
Tgt Ion:	117	Resp:	19261
Ion	Ratio	Lower	Upper
117	100		
82	49.7	45.4	68.0
119	30.0	26.7	40.1





#173 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD067948.D
 Acq: 24 Dec 2020 16:10

Instrument :
 MSVOA_D
 ClientSampleId :
 08RE



Tgt Ion:152 Resp: 7633

Ion	Ratio	Lower	Upper
152	100		
115	64.3	29.3	88.0
150	144.3	0.0	340.0

