

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
 Data File : VD067991.D
 Acq On : 04 Jan 2021 13:21
 Operator : VA/SY
 Sample : L5248-01
 Misc : 7.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VR16125

Quant Time: Jan 05 00:08:57 2021
 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)

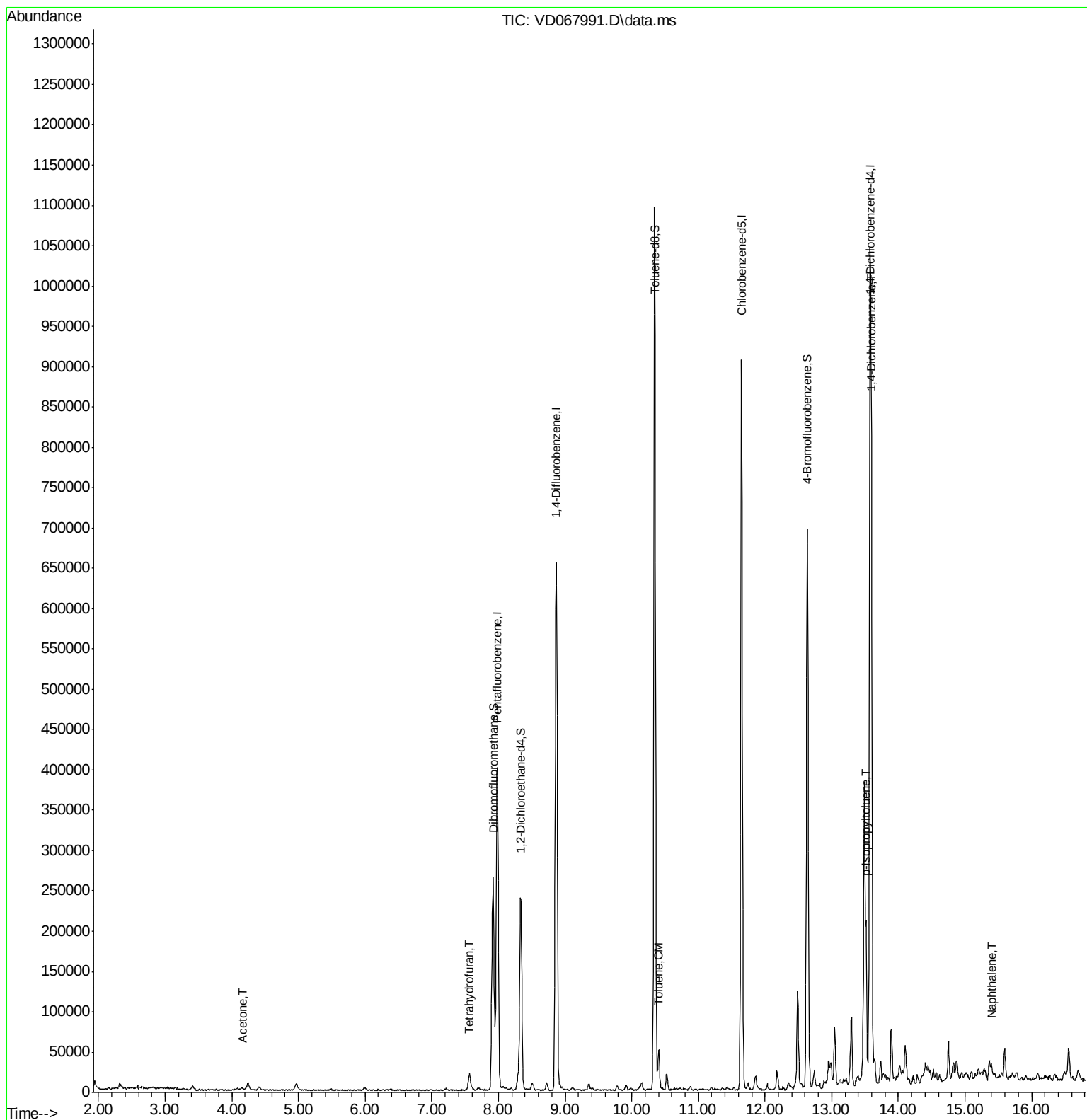
Internal Standards						
1) Pentafluorobenzene	7.985	168	287664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	562202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	509842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.578	152	229603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	193159	62.18	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	124.36%	
35) Dibromofluoromethane	7.920	113	192358	54.30	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	108.60%	
50) Toluene-d8	10.343	98	713513	53.59	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	107.18%	
62) 4-Bromofluorobenzene	12.631	95	230021	50.50	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	101.00%	
Target Compounds						
						Qvalue
16) Acetone	4.167	43	6332	10.68	ug/l #	89
29) Tetrahydrofuran	7.555	42	14564	24.62	ug/l	98
52) Toluene	10.402	92	19380	1.81	ug/l	100
86) p-Isopropyltoluene	13.514	119	98977	6.60	ug/l #	76
88) 1,4-Dichlorobenzene	13.596	146	249365	32.58	ug/l	97
95) Naphthalene	15.396	128	15148	2.21	ug/l	96

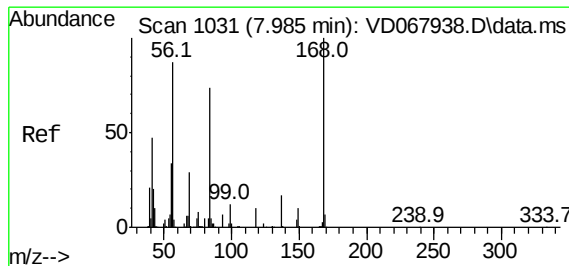
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

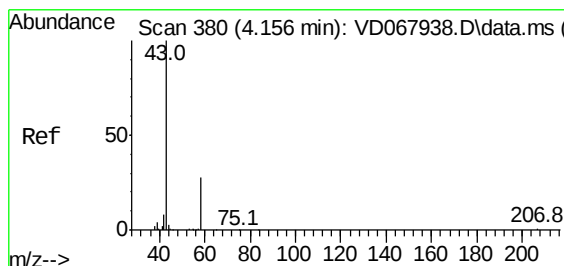
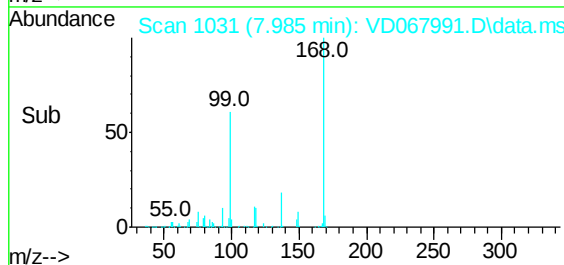
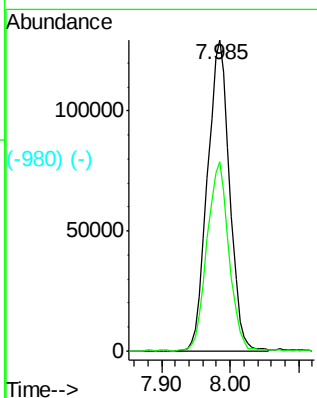
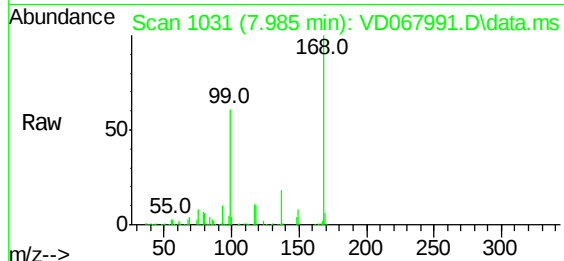




(-119) (-)
Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD067991.D
Acq: 04 Jan 2021 13:21

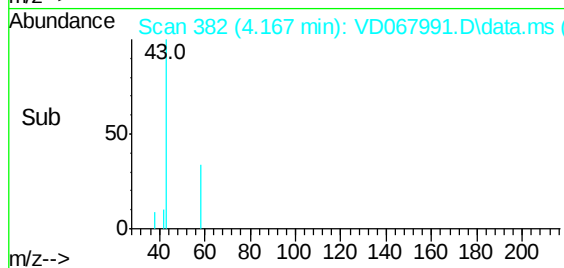
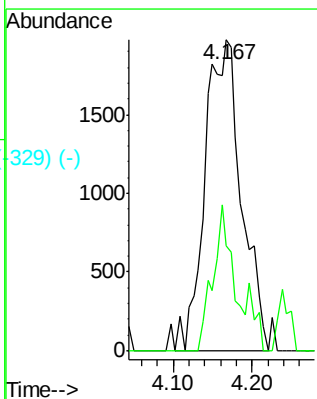
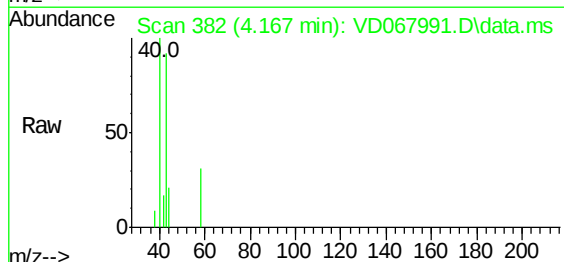
Instrument :
MSVOA_D
ClientSampleId :
VR16125

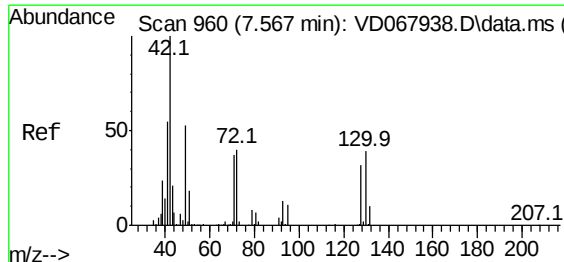
Tgt Ion:168 Resp: 287664
Ion Ratio Lower Upper
168 100
99 60.7 48.0 72.0



(-361) (-)
Acetone
Concen: 10.68 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD067991.D
Acq: 04 Jan 2021 13:21

Tgt Ion: 43 Resp: 6332
Ion Ratio Lower Upper
43 100
58 33.8 22.3 33.5#

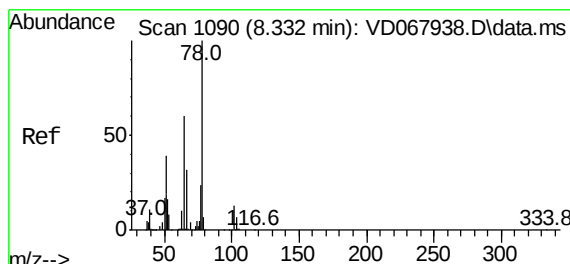
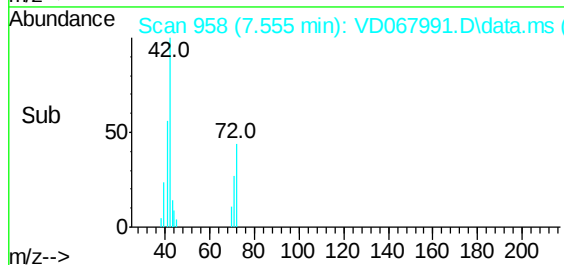
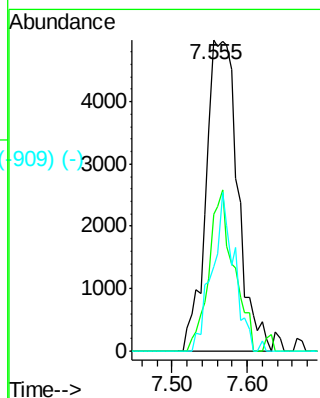
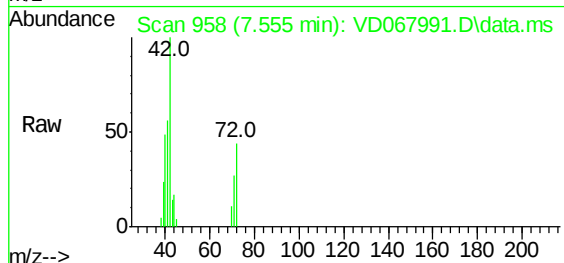




Tetrahydrofuran
Concen: 24.62 ug/l
RT: 7.555 min Scan# 958
Delta R.T. -0.012 min
Lab File: VD067991.D
Acq: 04 Jan 2021 13:21

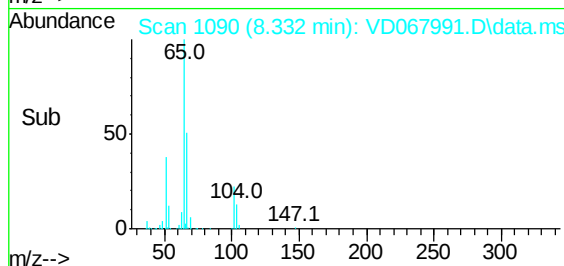
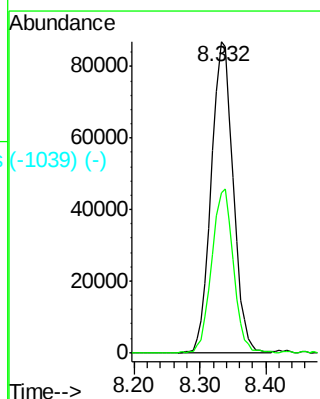
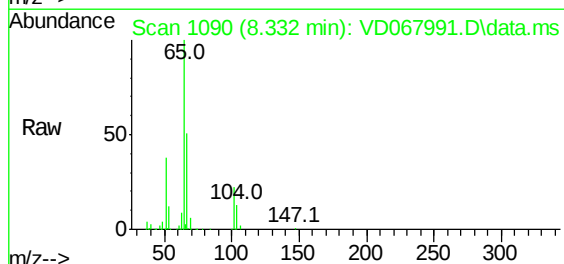
Instrument :
MSVOA_D
ClientSampleId :
VR16125

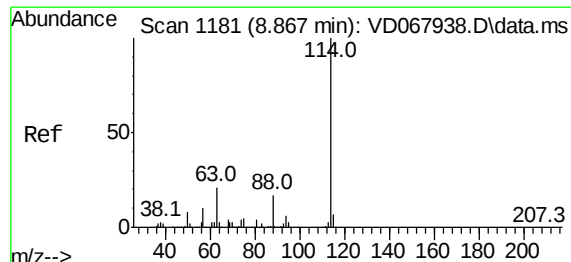
Tgt Ion:	42	Resp:	14564
Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.9	49.3
71	35.4	29.9	44.9



1,2-Dichloroethane-d4
Concen: 62.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD067991.D
Acq: 04 Jan 2021 13:21

Tgt Ion:	65	Resp:	193159
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	110.0

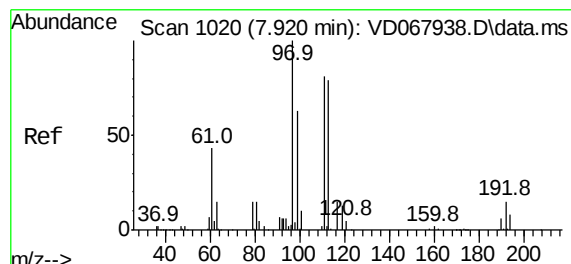
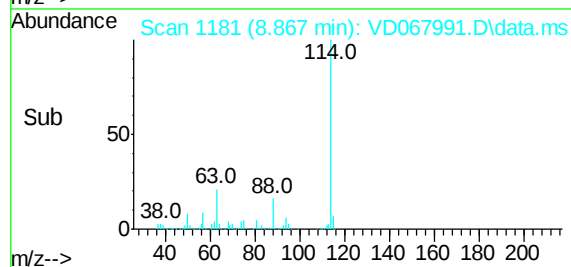
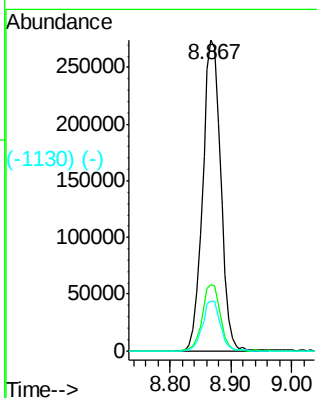
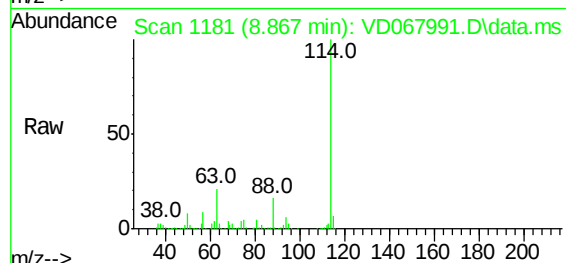




(-1141) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. -0.000 min
 Lab File: VD067991.D
 Acq: 04 Jan 2021 13:21

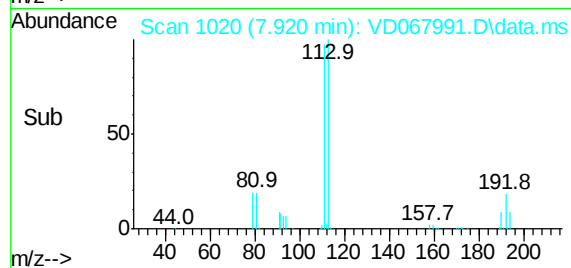
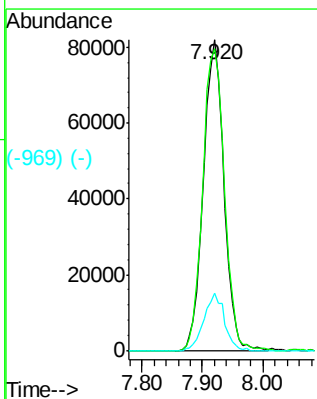
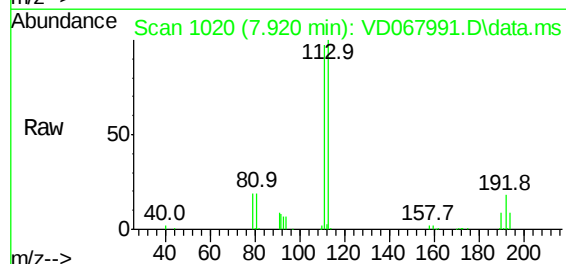
Instrument :
 MSVOA_D
 ClientSampleId :
 VR16125

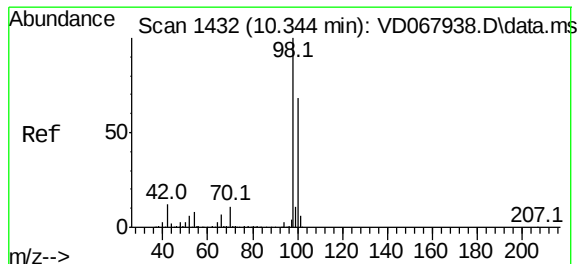
Tgt Ion:	114	Resp:	562202
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	41.4
88	16.0	0.0	33.2



(-1059) (-)
 Dibromofluoromethane
 Concen: 54.30 ug/l
 RT: 7.920 min Scan# 1020
 Delta R.T. -0.000 min
 Lab File: VD067991.D
 Acq: 04 Jan 2021 13:21

Tgt Ion:	113	Resp:	192358
Ion Ratio	Lower	Upper	
113	100		
111	102.7	79.3	118.9
192	18.1	14.5	21.7

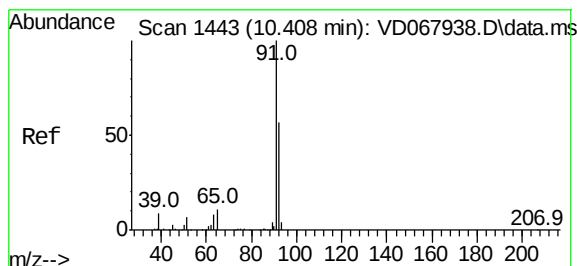
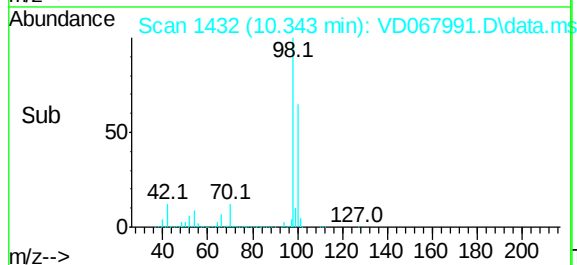
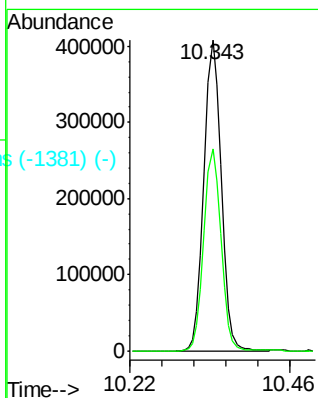
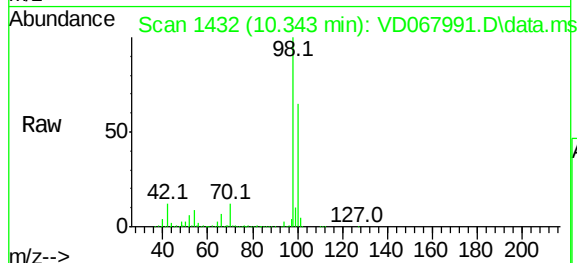




#5022 (-)
Toluene-d8
Concen: 53.59 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD067991.D
Acq: 04 Jan 2021 13:21

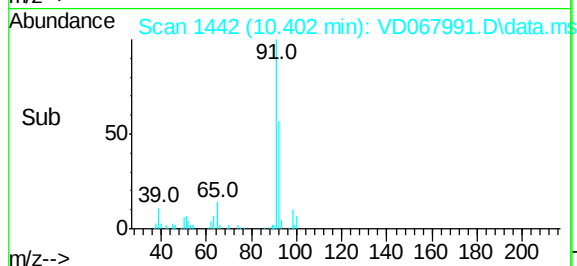
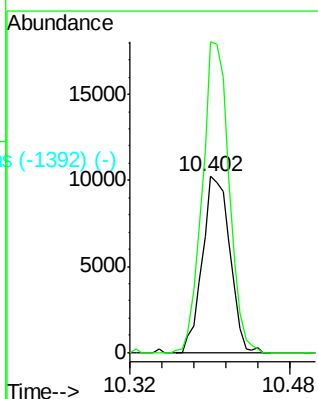
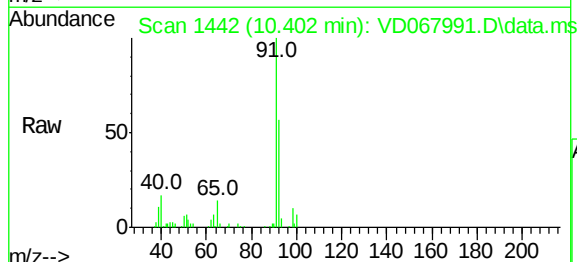
Instrument :
MSVOA_D
ClientSampleId :
VR16125

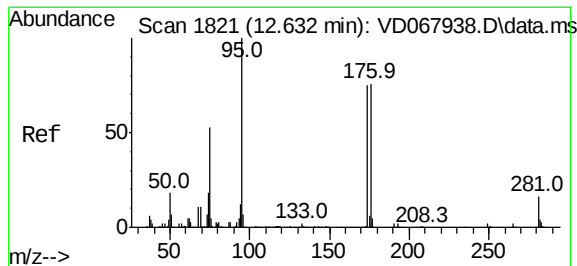
Tgt Ion: 98 Resp: 713513
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#5233 (-)
Toluene
Concen: 1.81 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD067991.D
Acq: 04 Jan 2021 13:21

Tgt Ion: 92 Resp: 19380
Ion Ratio Lower Upper
92 100
91 173.3 138.5 207.7

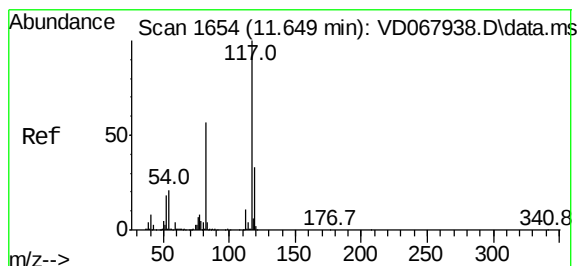
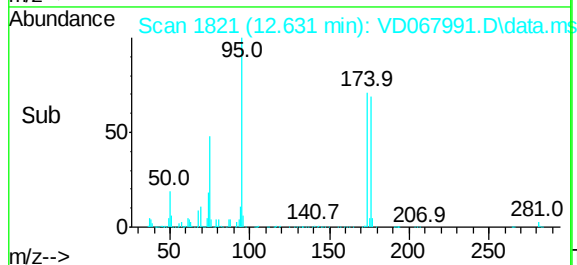
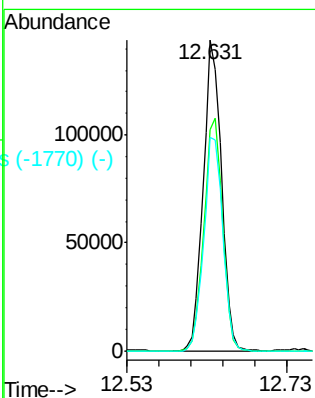
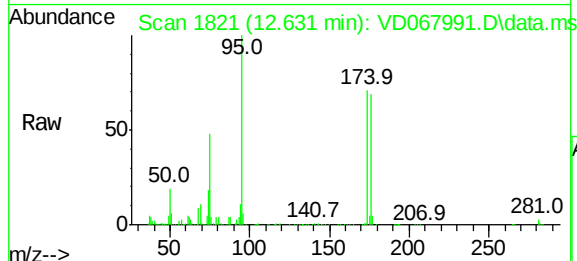




#6213 (-)
4-Bromofluorobenzene
Concen: 50.50 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD067991.D
Acq: 04 Jan 2021 13:21

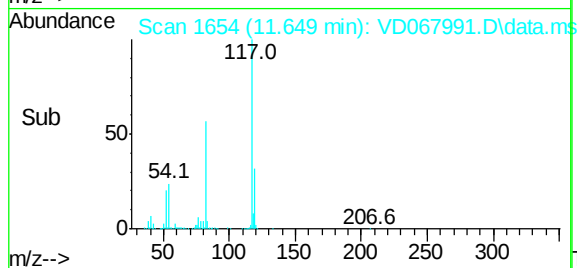
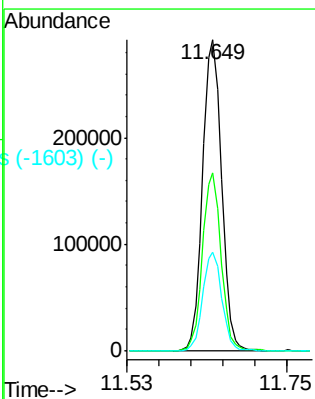
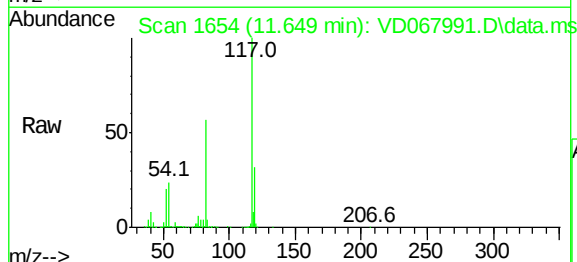
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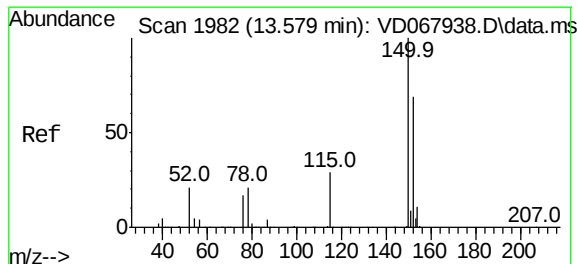
Tgt Ion:	95	Resp:	230021
Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	150.6
176	71.5	0.0	151.2



#6214 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD067991.D
Acq: 04 Jan 2021 13:21

Tgt Ion:	117	Resp:	509842
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.4	68.0
119	31.6	26.7	40.1

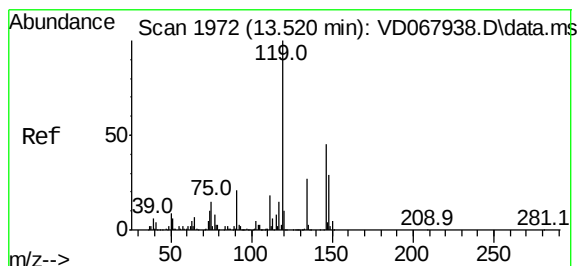
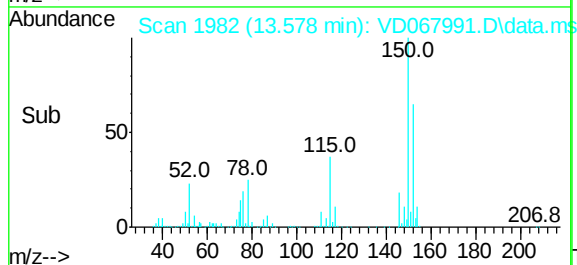
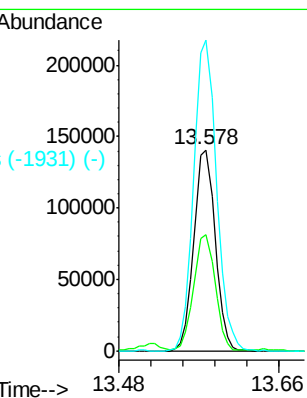
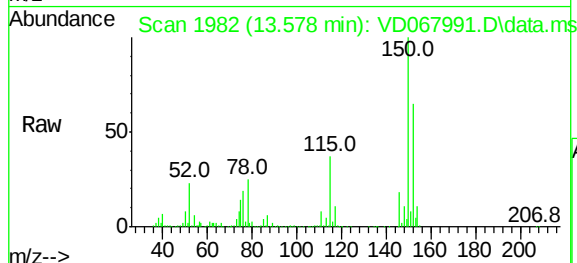




#1973 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.578 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VD067991.D
 Acq: 04 Jan 2021 13:21

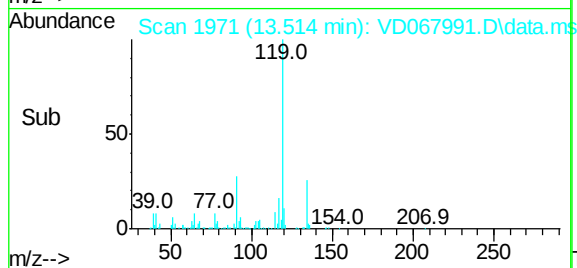
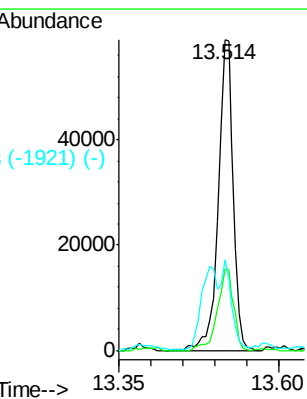
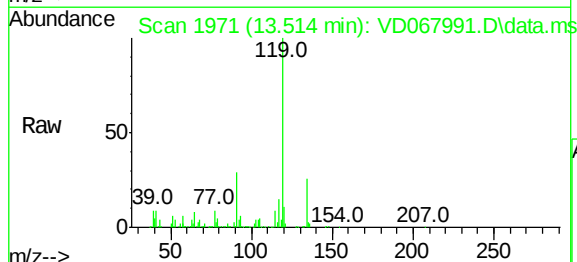
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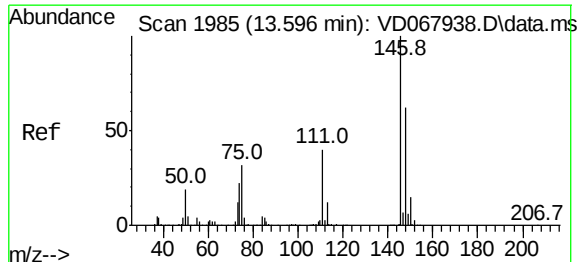
Tgt Ion:	152	Resp:	229603
Ion Ratio	Lower	Upper	
152	100		
115	58.3	29.3	88.0
150	165.8	0.0	340.0



#1964 (-)
 p-Isopropyltoluene
 Concen: 6.60 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD067991.D
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Tgt Ion:	119	Resp:	98977
Ion Ratio	Lower	Upper	
119	100		
134	28.5	13.3	39.9
91	0.0	11.4	34.2

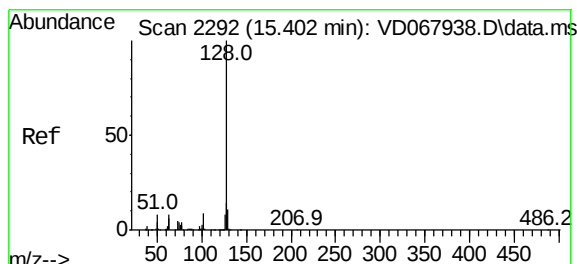
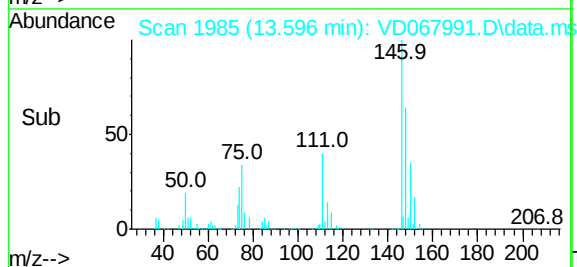
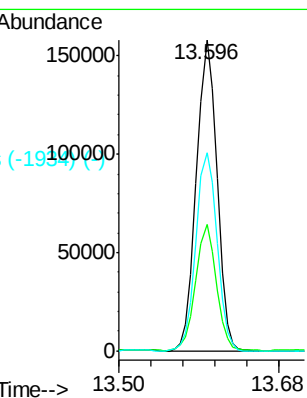
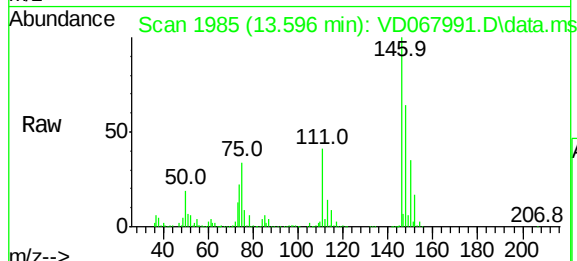




#8878 (-)
1,4-Dichlorobenzene
Concen: 32.58 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD067991.D
Acq: 04 Jan 2021 13:21

Instrument :
MSVOA_D
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Tgt Ion:	146	Resp:	249365
Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.4	58.2
148	65.3	31.9	95.9



#9283 (-)
Naphthalene
Concen: 2.21 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD067991.D
Acq: 04 Jan 2021 13:21

Tgt Ion:	128	Resp:	15148
Ion	Ratio	Lower	Upper
128	100		
127	16.3	11.2	16.8
129	11.3	8.6	12.8

