

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
 Data File : VD067995.D
 Acq On : 04 Jan 2021 17:21
 Operator : VA/SY
 Sample : M1000-01
 Misc : 6.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-010421

Quant Time: Jan 05 00:10:09 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)

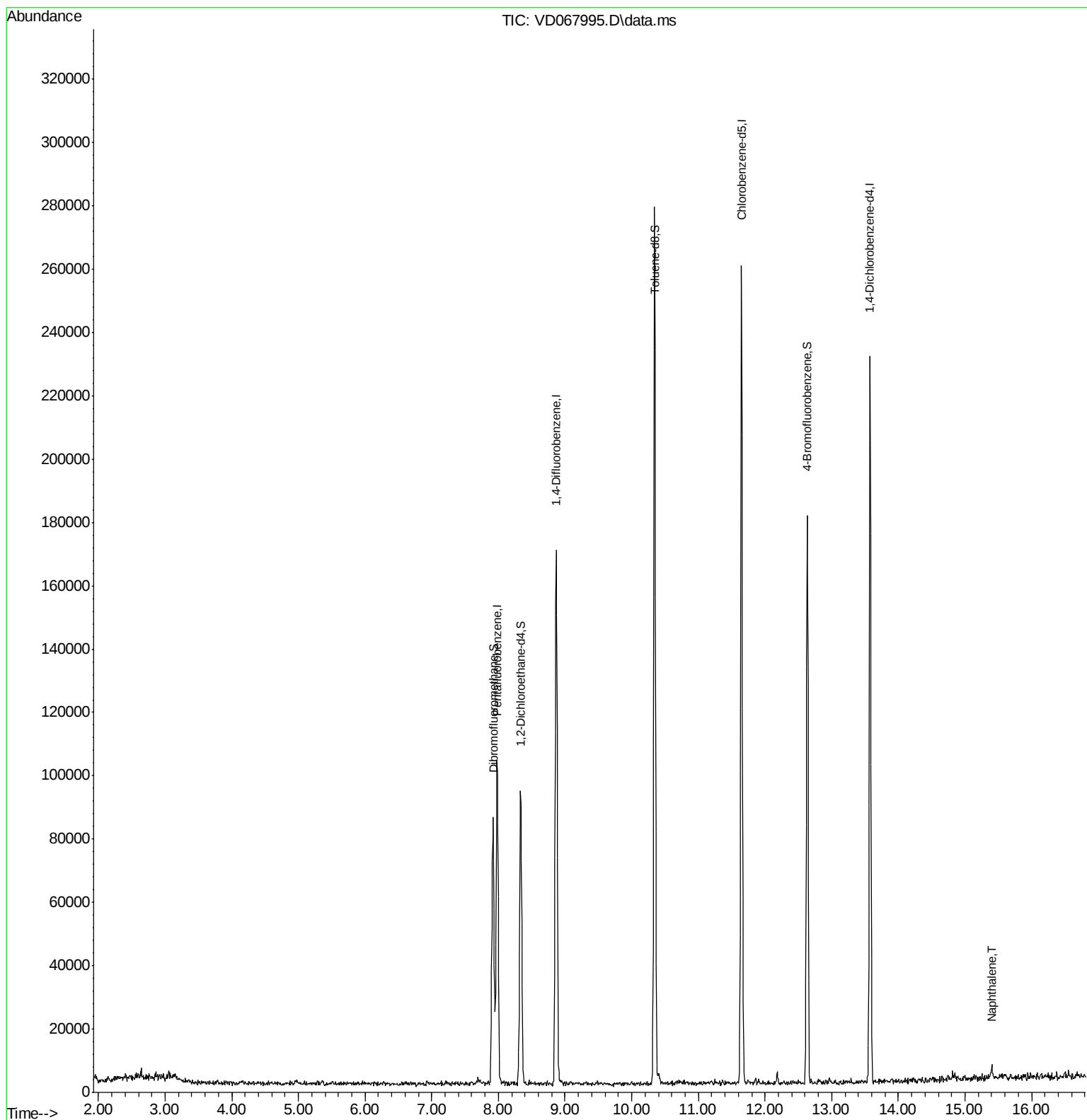
Internal Standards						
1) Pentafluorobenzene	7.979	168	68636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	137542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	143084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	60419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	73255	98.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 197.68%	#
35) Dibromofluoromethane	7.920	113	60047	69.29	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.58%	
50) Toluene-d8	10.344	98	181514	55.72	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.44%	
62) 4-Bromofluorobenzene	12.632	95	59804	53.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.34%	
Target Compounds						
95) Naphthalene	15.402	128	3506	1.95	ug/l	Qvalue # 93

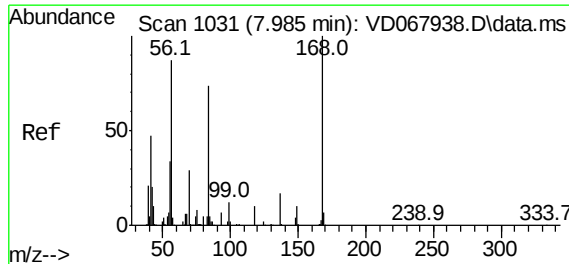
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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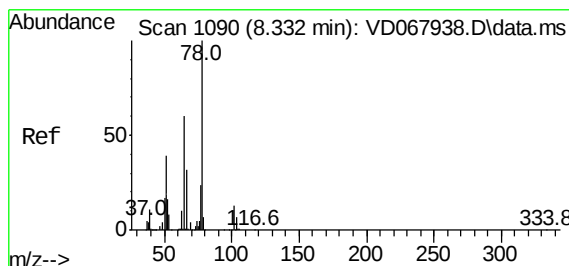
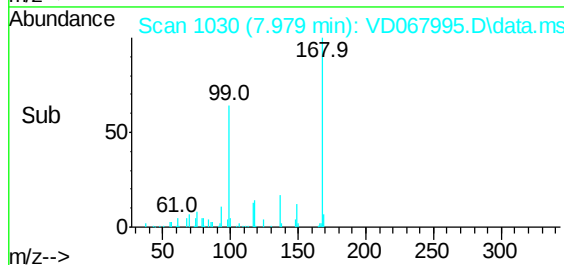
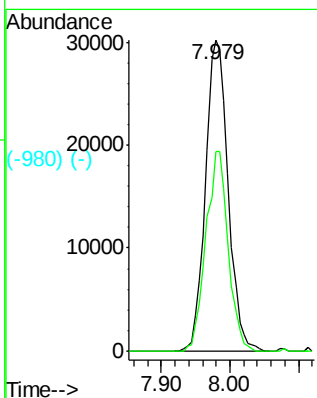
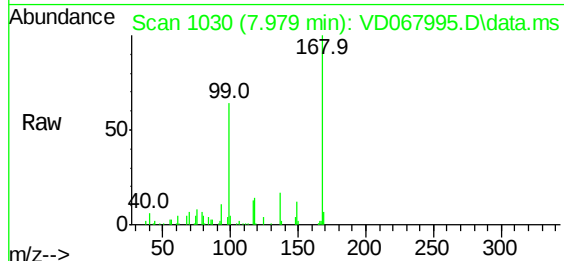




(-119) (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067995.D
Acq: 04 Jan 2021 17:21

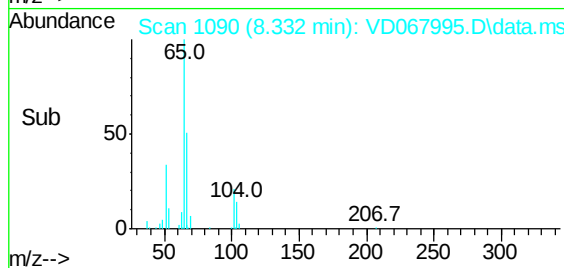
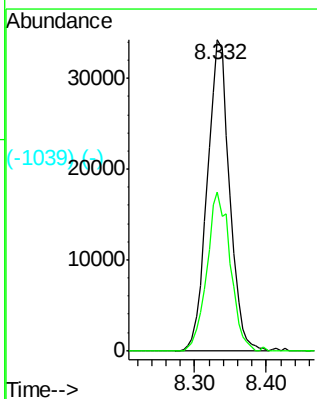
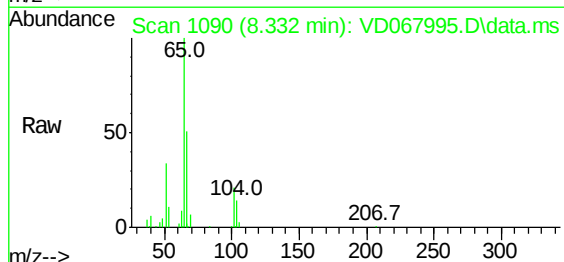
Instrument :
MSVOA_D
ClientSampleId :
OR-02-010421

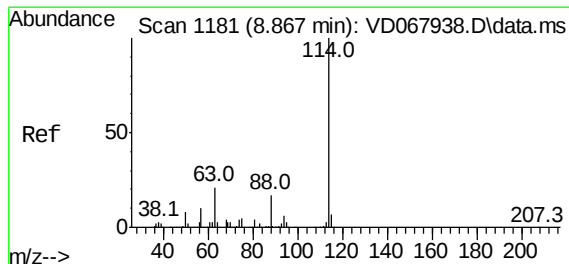
Tgt Ion:168 Resp: 68636
Ion Ratio Lower Upper
168 100
99 64.1 48.0 72.0



(-1039) (-)
1,2-Dichloroethane-d4
Concen: 98.84 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067995.D
Acq: 04 Jan 2021 17:21

Tgt Ion: 65 Resp: 73255
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.0



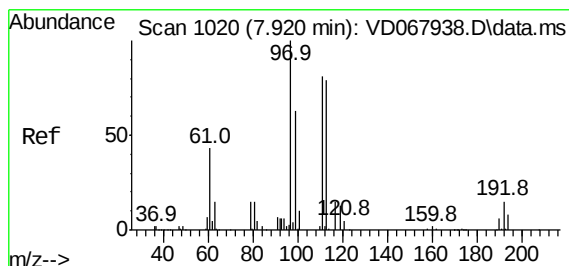
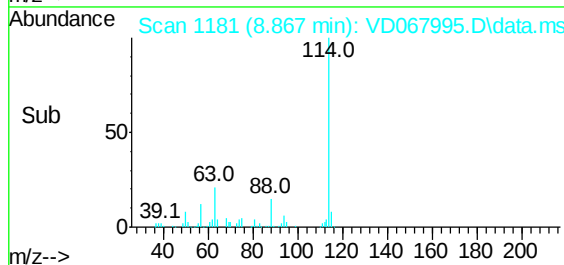
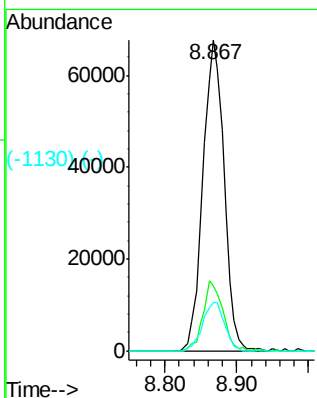
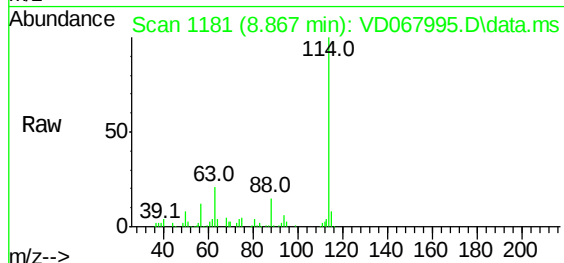


(-134) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067995.D
 Acq: 04 Jan 2021 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-010421

Tgt Ion:114 Resp: 137542

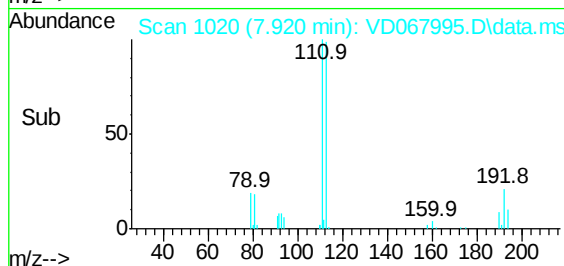
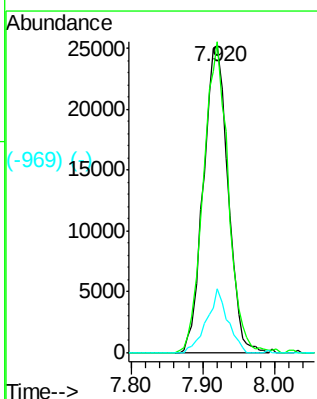
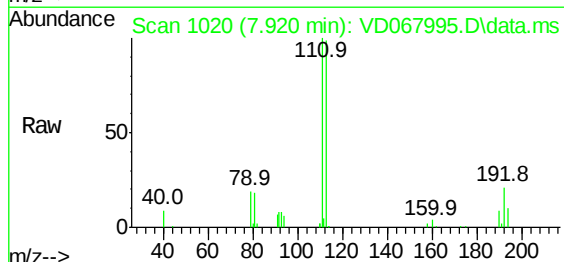
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.4	0.0	33.2

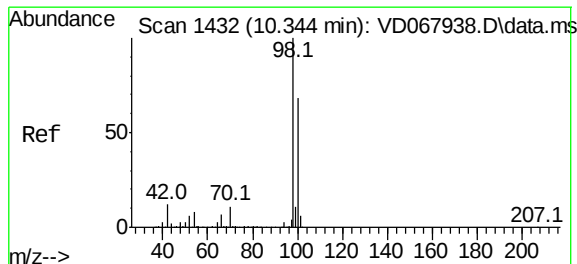


(-135) (-)
 Dibromofluoromethane
 Concen: 69.29 ug/l
 RT: 7.920 min Scan# 1020
 Delta R.T. 0.000 min
 Lab File: VD067995.D
 Acq: 04 Jan 2021 17:21

Tgt Ion:113 Resp: 60047

Ion	Ratio	Lower	Upper
113	100		
111	101.8	79.3	118.9
192	17.4	14.5	21.7

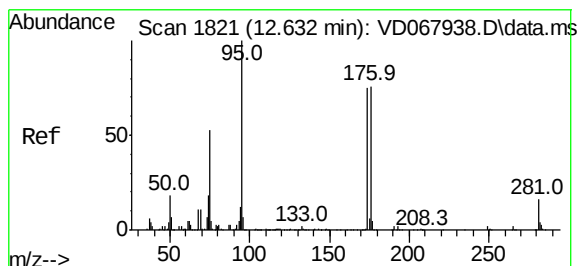
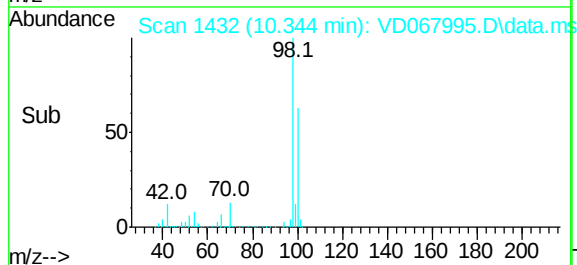
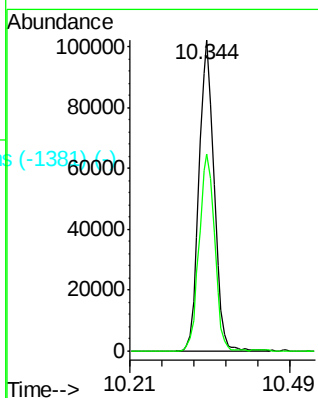
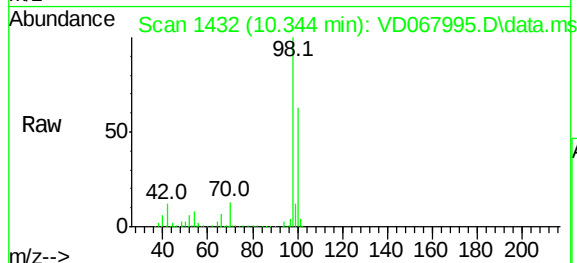




#5022 (-)
Toluene-d8
Concen: 55.72 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067995.D
Acq: 04 Jan 2021 17:21

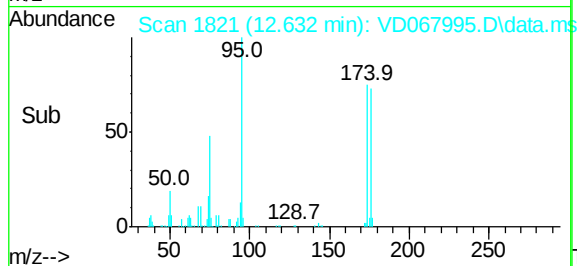
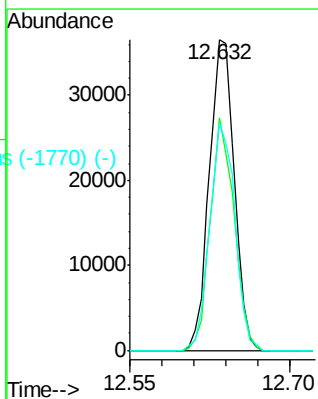
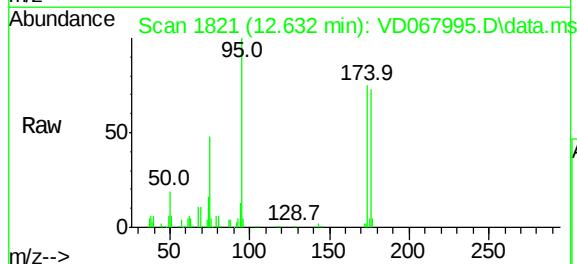
Instrument :
MSVOA_D
ClientSampleId :
OR-02-010421

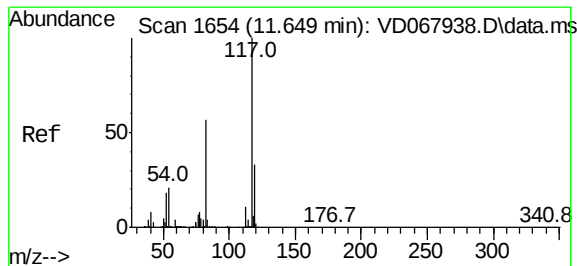
Tgt Ion: 98 Resp: 181514
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#6013 (-)
4-Bromofluorobenzene
Concen: 53.67 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067995.D
Acq: 04 Jan 2021 17:21

Tgt Ion: 95 Resp: 59804
Ion Ratio Lower Upper
95 100
174 71.7 0.0 150.6
176 73.7 0.0 151.2

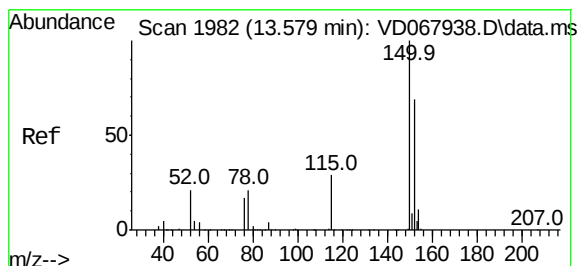
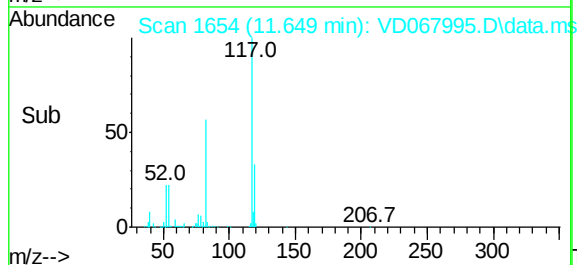
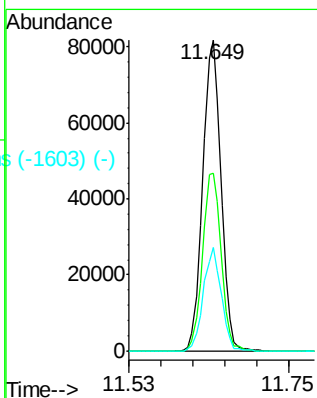
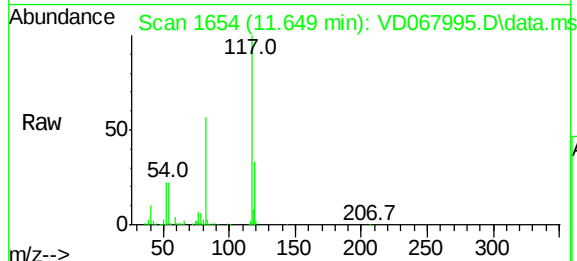




#1634 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067995.D
Acq: 04 Jan 2021 17:21

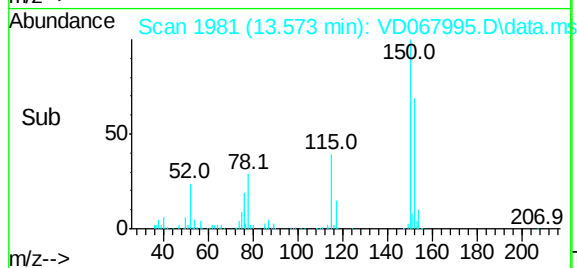
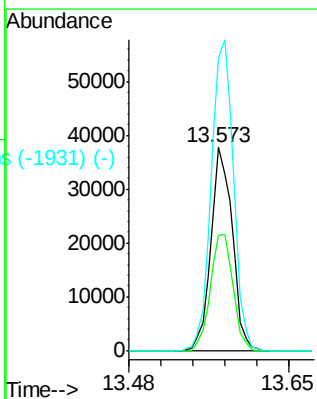
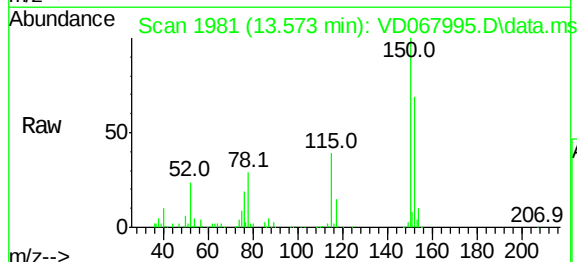
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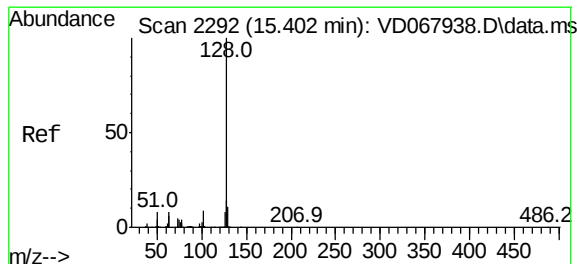
Tgt Ion:117 Resp: 143084
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 33.5 26.7 40.1



#1773 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067995.D
Acq: 04 Jan 2021 17:21

Tgt Ion:152 Resp: 60419
Ion Ratio Lower Upper
152 100
115 60.3 29.3 88.0
150 158.7 0.0 340.0





#95
Naphthalene
Concen: 1.95 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD067995.D
Acq: 04 Jan 2021 17:21

Instrument :
MSVOA_D
ClientSampleId :
OR-02-010421

Tgt Ion:	128	Resp:	3506
Ion	Ratio	Lower	Upper
128	100		
127	18.5	11.2	16.8#
129	10.2	8.6	12.8

