

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068019.D
 Acq On : 06 Jan 2021 17:44
 Operator : VA/SY
 Sample : M1036-01
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-2-6-WC

Quant Time: Jan 07 00:12:09 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)

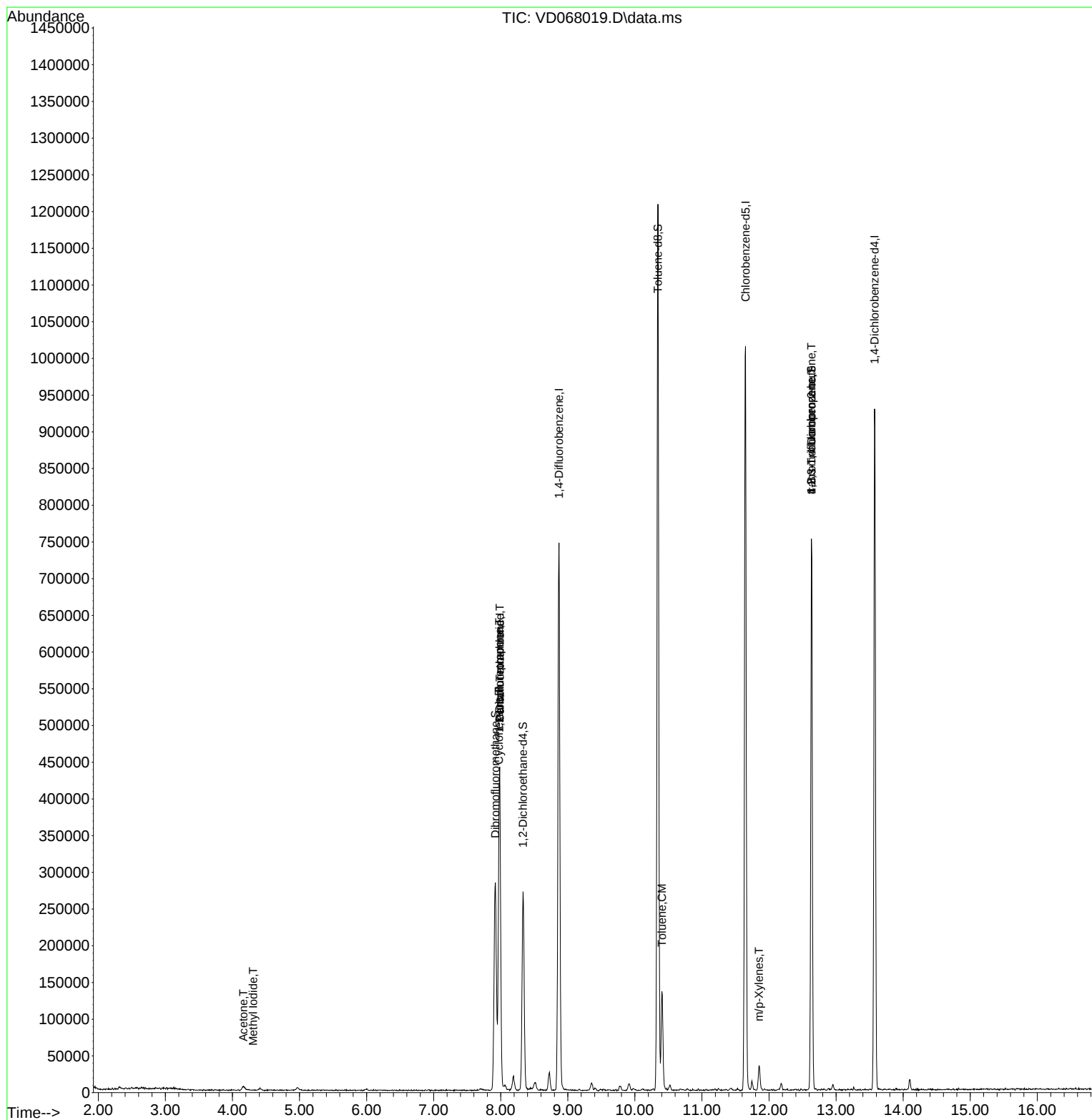
Internal Standards						
1) Pentafluorobenzene	7.985	168	304220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	632339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	586757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	243968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	212101	64.56	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.12%			
35) Dibromofluoromethane	7.920	113	214995	53.96	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.92%			
50) Toluene-d8	10.344	98	792967	52.95	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.90%			
62) 4-Bromofluorobenzene	12.632	95	250932	48.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.96%			
Target Compounds						Qvalue
5) Bromomethane	2.791	94	268	Below Cal		82
10) Methyl Iodide	4.309	142	115	3.88 ug/l #		41
16) Acetone	4.162	43	9988	15.92 ug/l #		81
20) Methylene Chloride	4.962	84	2164	Below Cal #		72
31) Cyclohexane	7.973	56	10261	1.53 ug/l #		16
36) 1,1-Dichloropropene	7.979	75	27208	4.05 ug/l #		51
38) Carbon Tetrachloride	7.985	117	34196	5.33 ug/l #		18
52) Toluene	10.402	92	59093	4.91 ug/l		94
68) m/p-Xylenes	11.849	106	9938	1.16 ug/l		85
76) 1,2,3-Trichloropropane	12.632	75	127802	62.22 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.632	75	127802	127.54 ug/l #		12

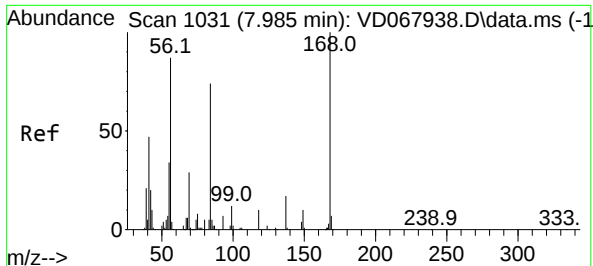
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
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Response via : Initial Calibration

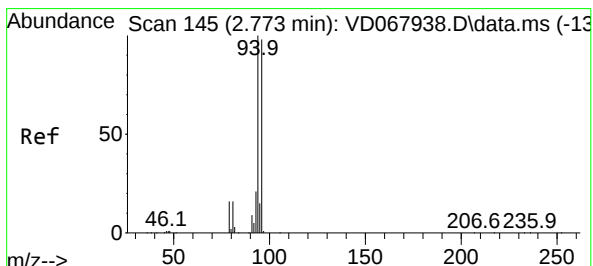
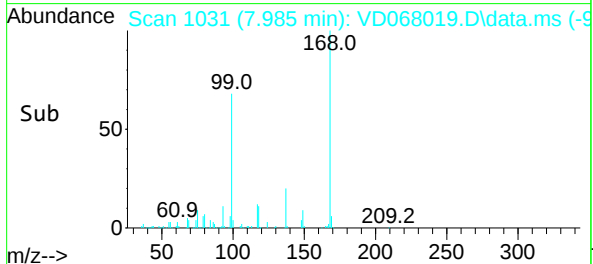
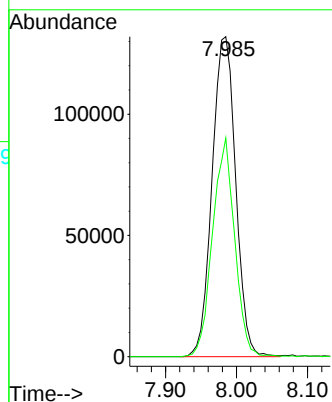
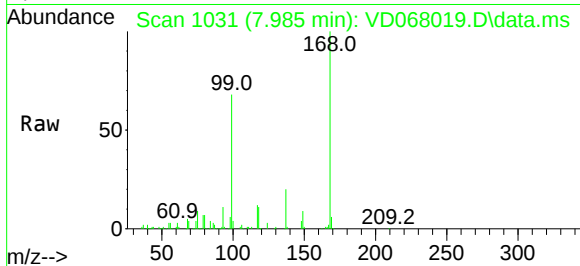




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

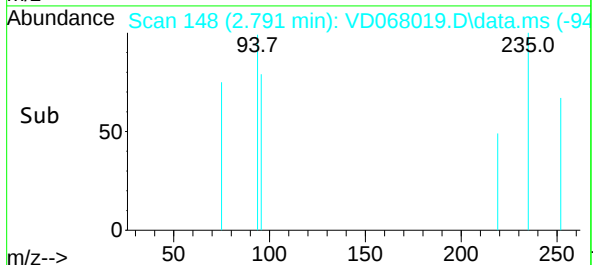
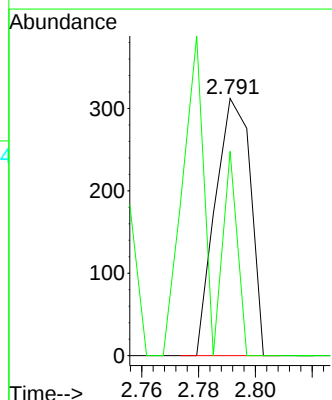
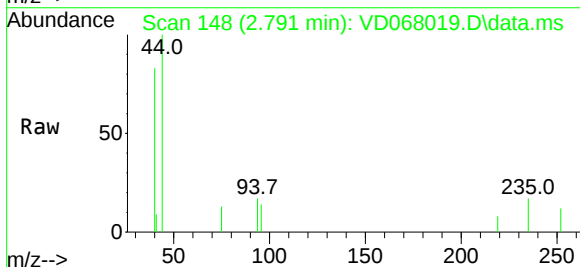
Instrument :
MSVOA_D
ClientSampleId :
R-LA-2-6-WC

Tgt Ion:168 Resp: 304220
Ion Ratio Lower Upper
168 100
99 68.4 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. 0.018 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

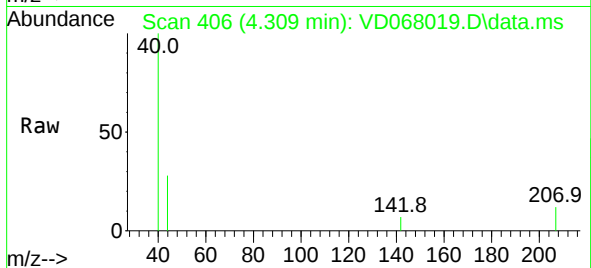
Tgt Ion: 94 Resp: 268
Ion Ratio Lower Upper
94 100
96 79.5 78.0 117.0



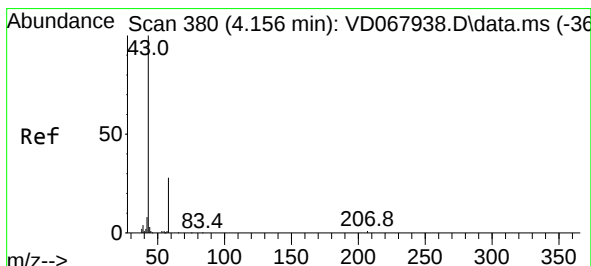
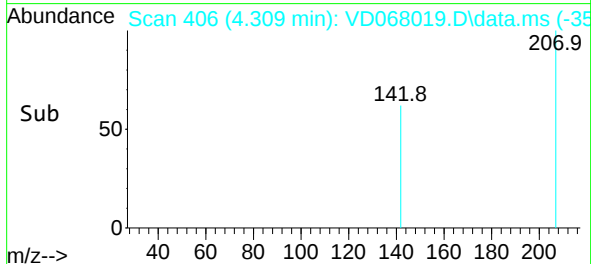
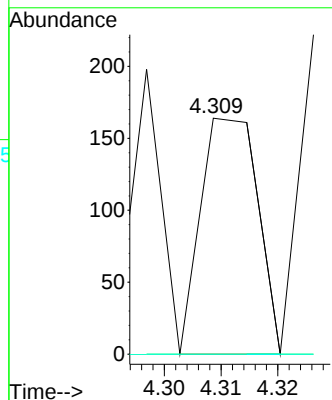


#10
Methyl Iodide
Concen: 3.88 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

Instrument :
MSVOA_D
ClientSampleId :
R-LA-2-6-WC

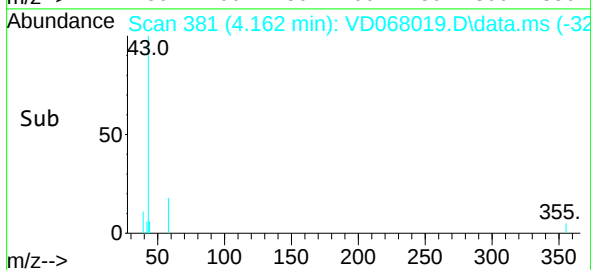
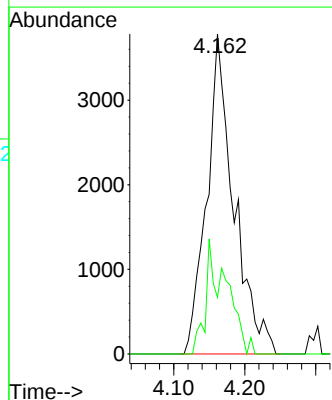
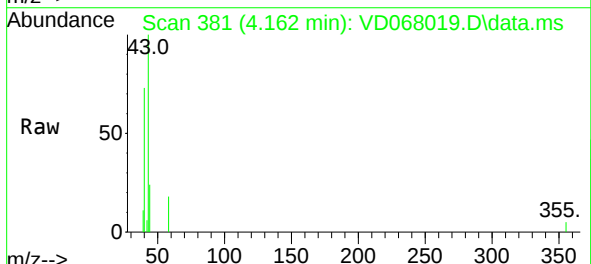


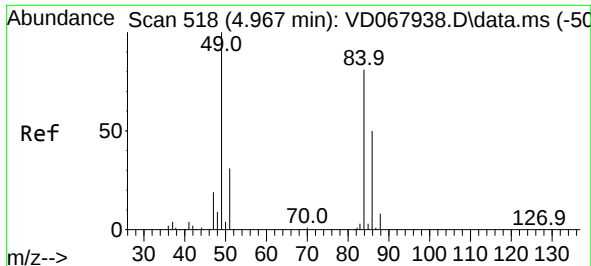
Tgt Ion:142 Resp: 115
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 15.92 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

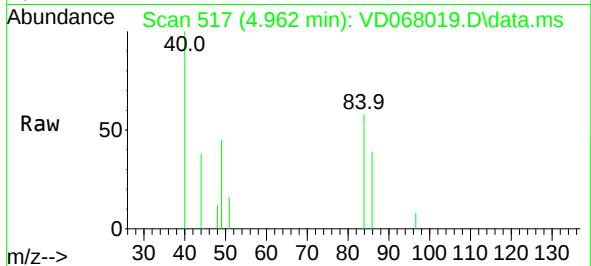
Tgt Ion: 43 Resp: 9988
Ion Ratio Lower Upper
43 100
58 17.7 22.3 33.5#



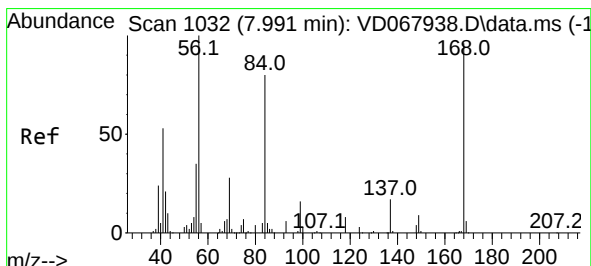
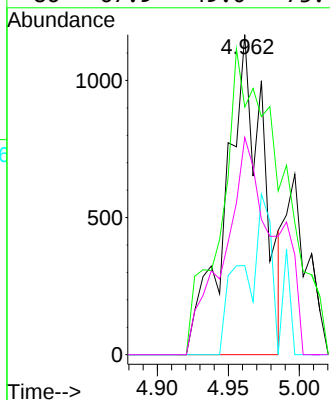
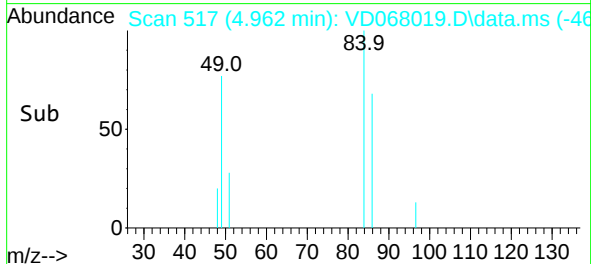


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

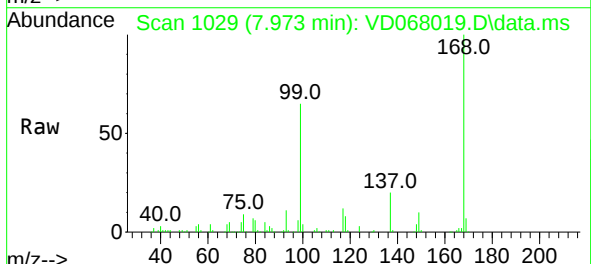
Instrument :
MSVOA_D
ClientSampleId :
R-LA-2-6-WC



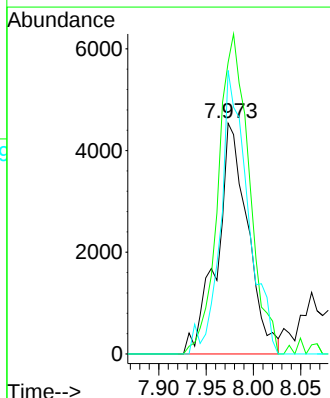
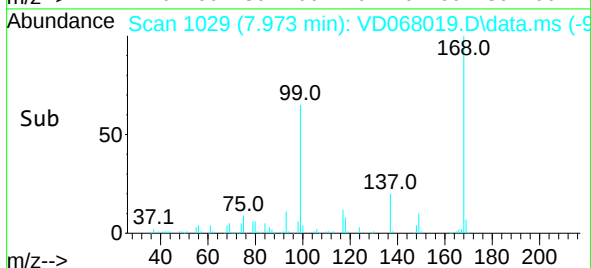
Tgt Ion:	84	Resp:	2164
Ion	Ratio	Lower	Upper
84	100		
49	77.4	98.3	147.5#
51	27.8	30.3	45.5#
86	67.9	49.0	73.4

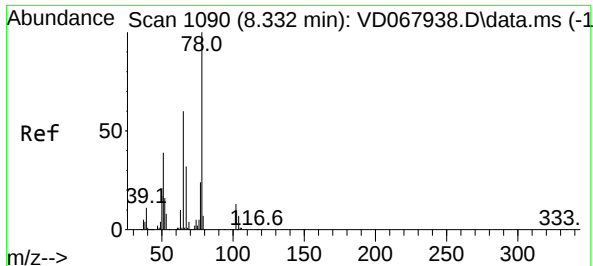


#31
Cyclohexane
Concen: 1.53 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.018 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44



Tgt Ion:	56	Resp:	10261
Ion	Ratio	Lower	Upper
56	100		
69	126.3	22.7	34.1#
84	122.9	64.2	96.4#

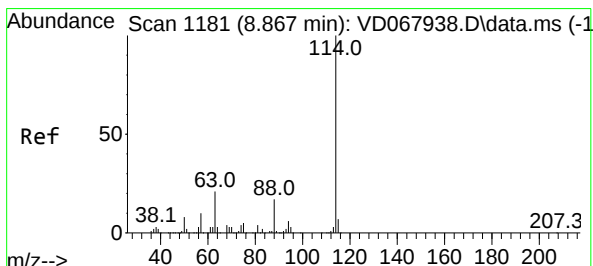
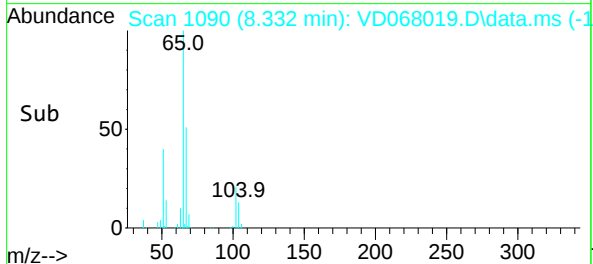
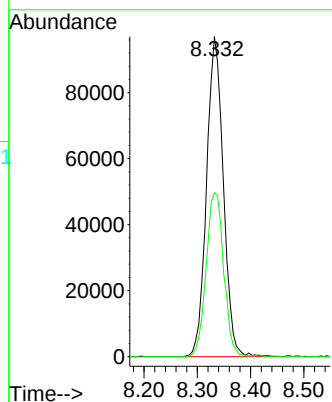
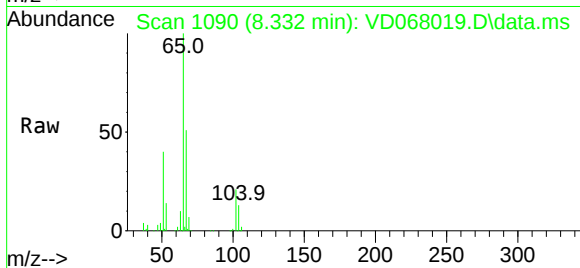




#33
1,2-Dichloroethane-d4
Concen: 64.56 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

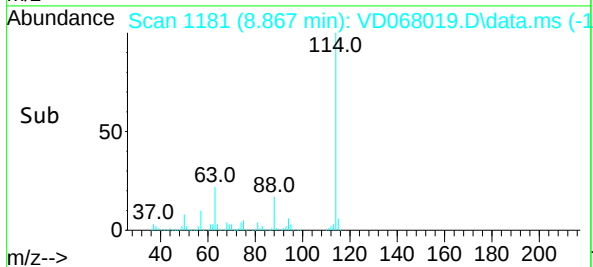
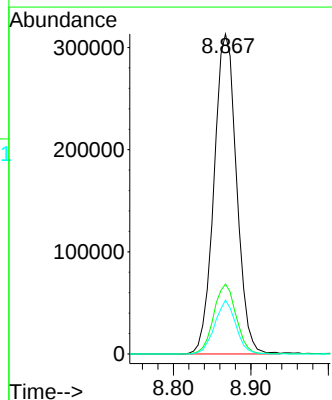
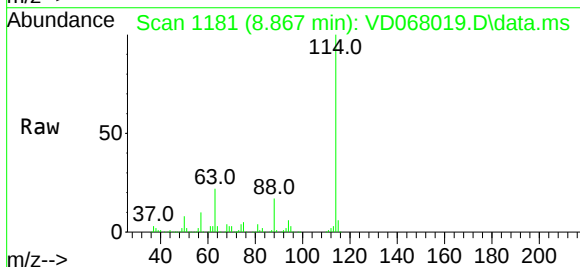
Instrument :
MSVOA_D
ClientSampleId :
R-LA-2-6-WC

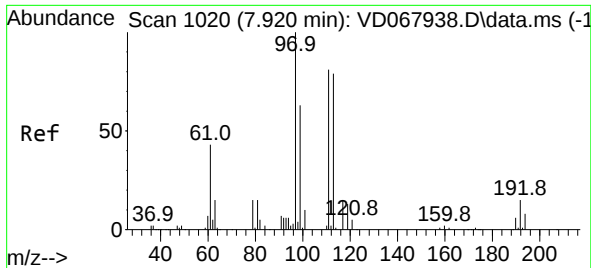
Tgt Ion: 65 Resp: 212101
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

Tgt Ion: 114 Resp: 632339
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.4
88 16.8 0.0 33.2

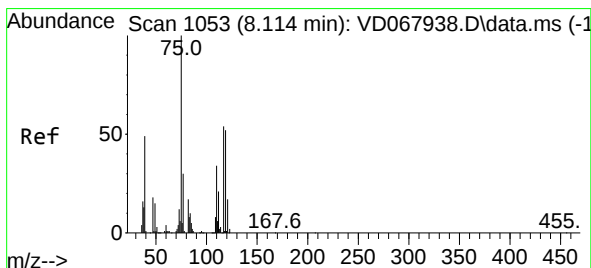
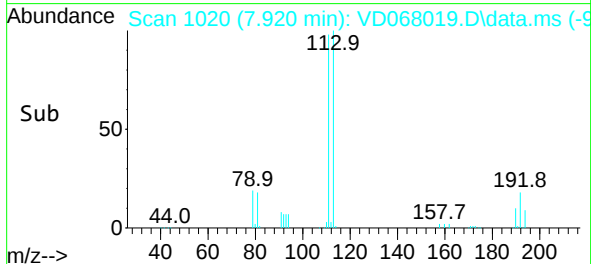
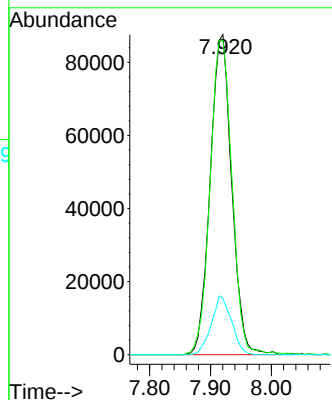
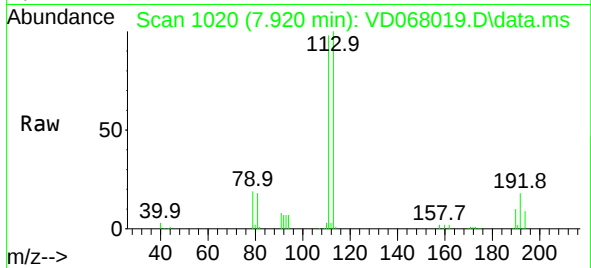




#35
Dibromofluoromethane
Concen: 53.96 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

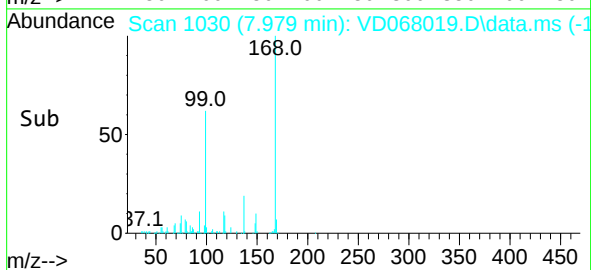
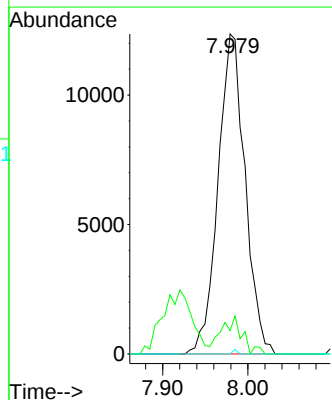
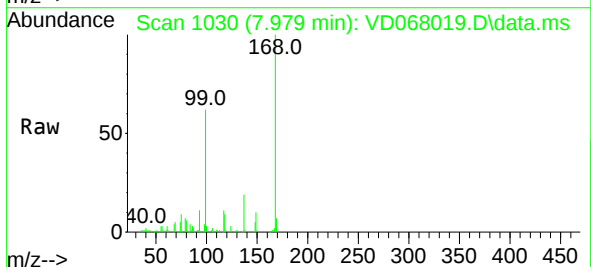
Instrument :
MSVOA_D
ClientSampleId :
R-LA-2-6-WC

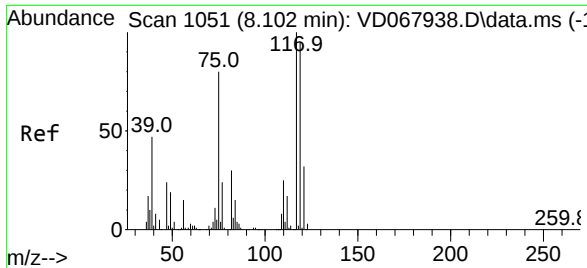
Tgt Ion:113 Resp: 214995
Ion Ratio Lower Upper
113 100
111 100.1 79.3 118.9
192 17.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.05 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

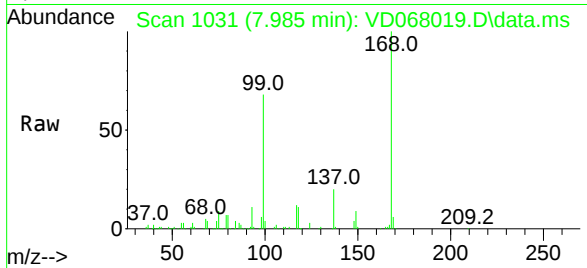
Tgt Ion: 75 Resp: 27208
Ion Ratio Lower Upper
75 100
110 9.2 17.0 51.0#
77 0.2 24.6 37.0#



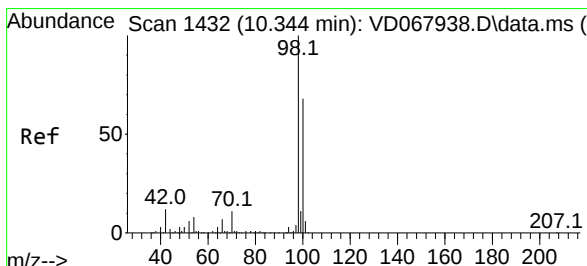
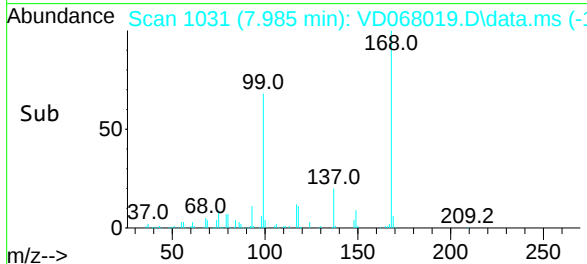
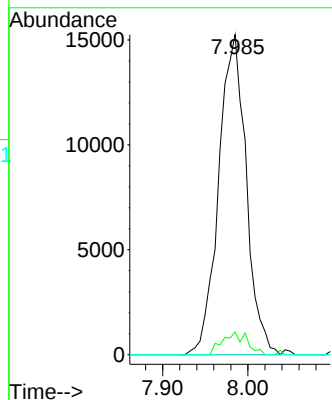


#38
Carbon Tetrachloride
Concen: 5.33 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

Instrument :
MSVOA_D
ClientSampleId :
R-LA-2-6-WC

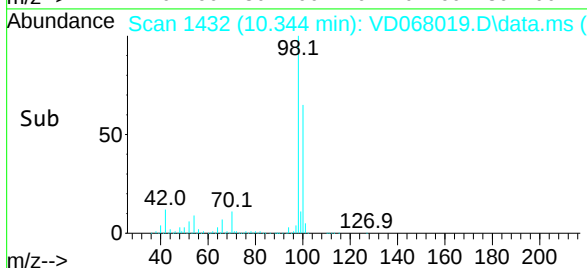
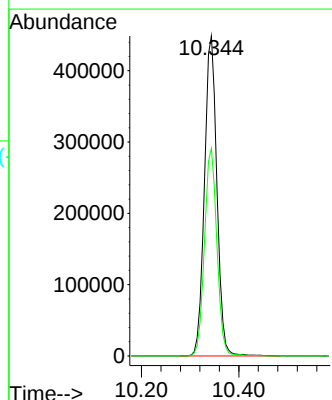
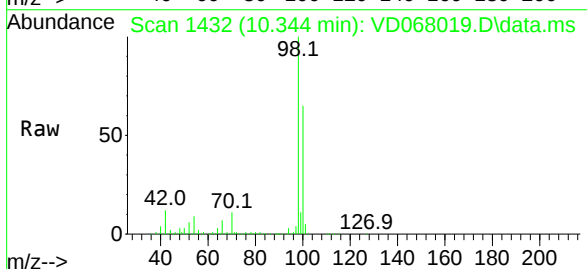


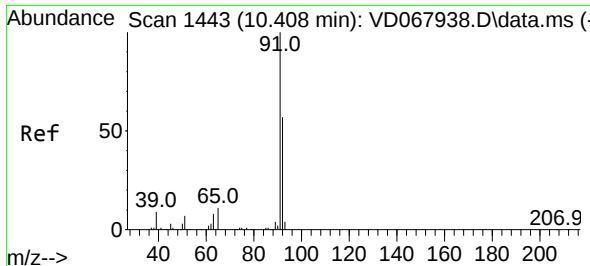
Tgt Ion:117 Resp: 34196
Ion Ratio Lower Upper
117 100
119 7.1 76.2 114.4#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 52.95 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

Tgt Ion: 98 Resp: 792967
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

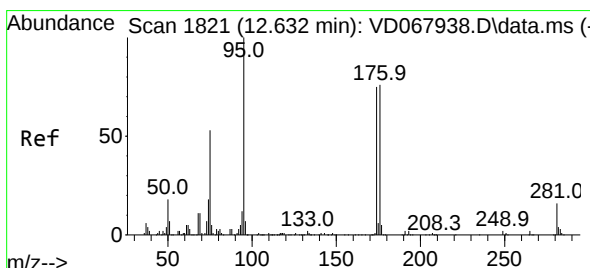
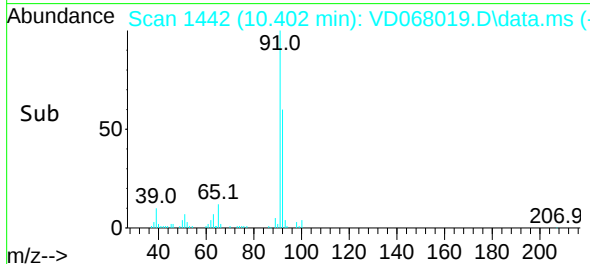
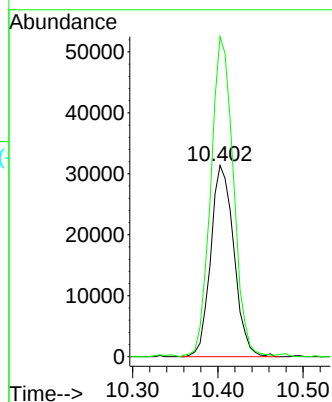
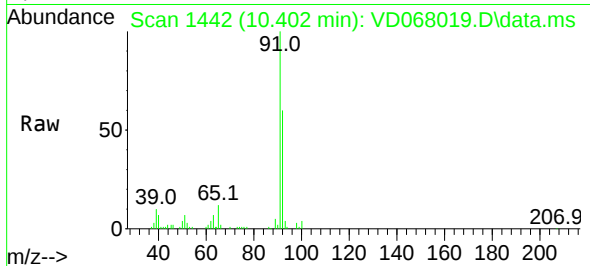




#52
Toluene
Concen: 4.91 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

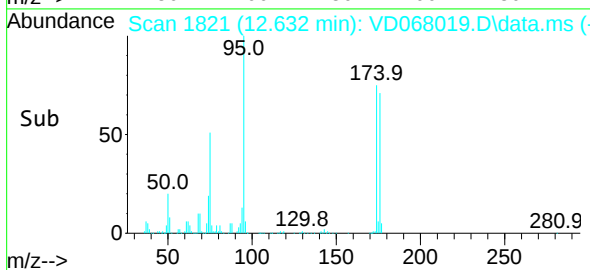
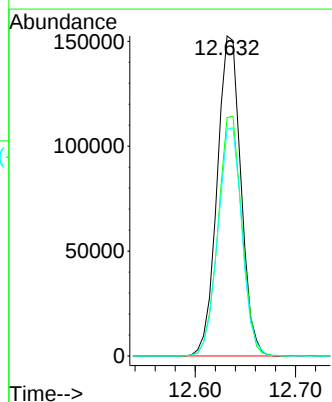
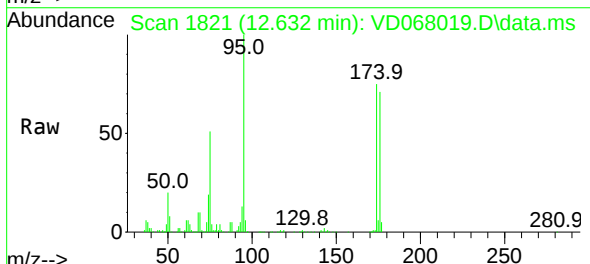
Instrument :
MSVOA_D
ClientSampleId :
R-LA-2-6-WC

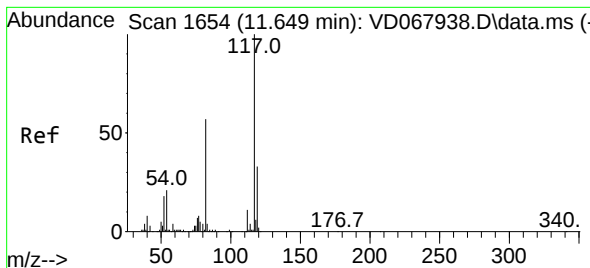
Tgt Ion: 92 Resp: 59093
Ion Ratio Lower Upper
92 100
91 164.4 138.5 207.7



#62
4-Bromofluorobenzene
Concen: 48.98 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

Tgt Ion: 95 Resp: 250932
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.6
176 72.4 0.0 151.2

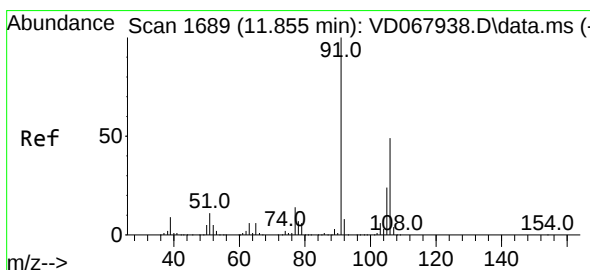
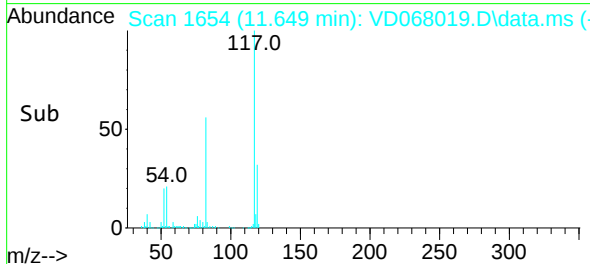
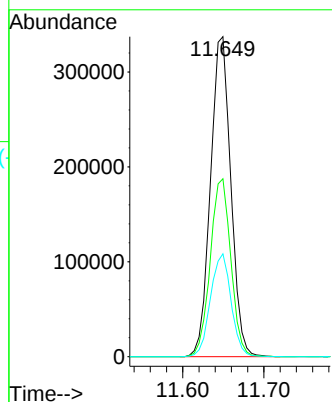
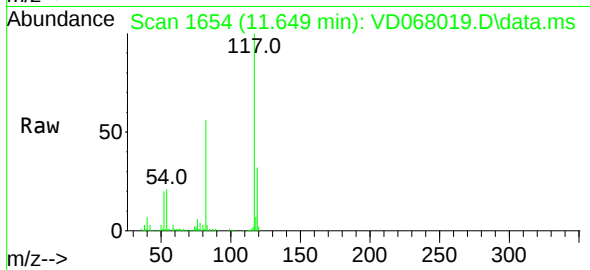




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

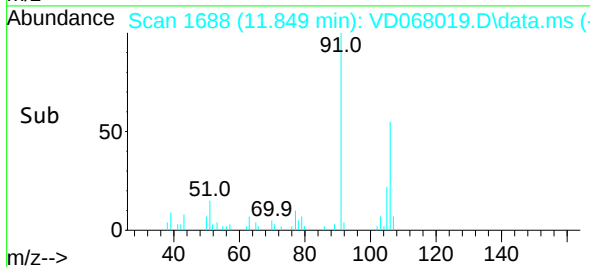
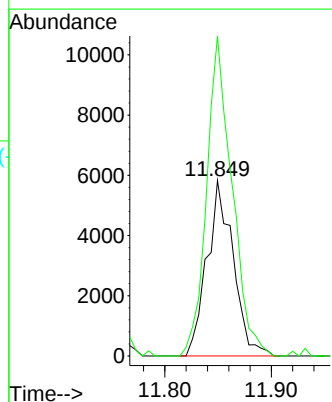
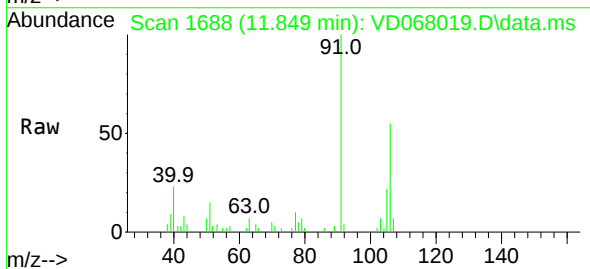
Instrument :
MSVOA_D
ClientSampleId :
R-LA-2-6-WC

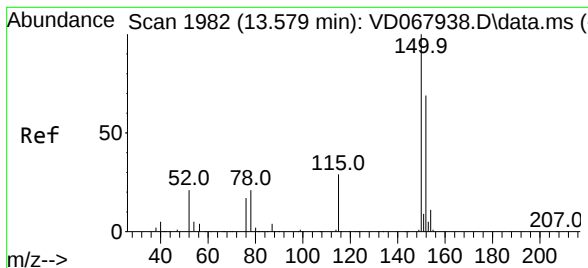
Tgt Ion:117 Resp: 586757
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 32.1 26.7 40.1



#68
m/p-Xylenes
Concen: 1.16 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

Tgt Ion:106 Resp: 9938
Ion Ratio Lower Upper
106 100
91 177.4 159.9 239.9

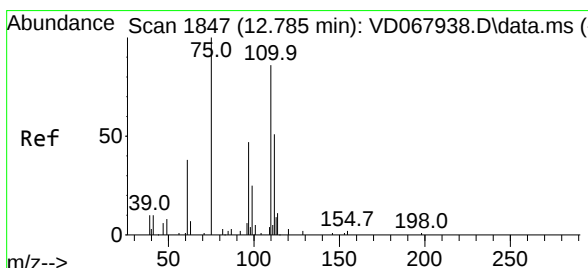
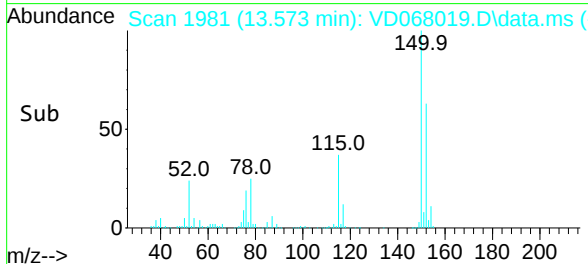
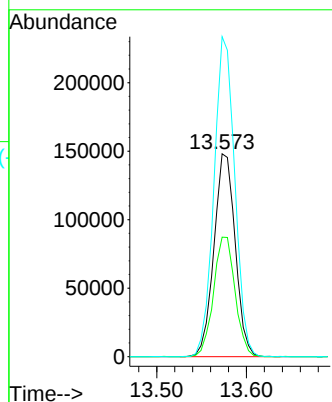
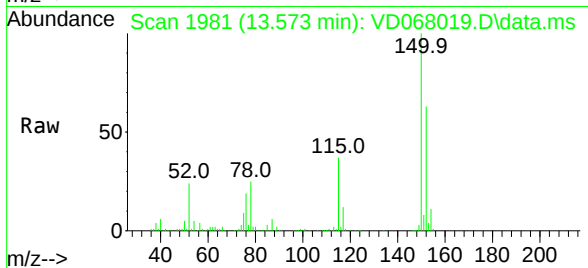




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

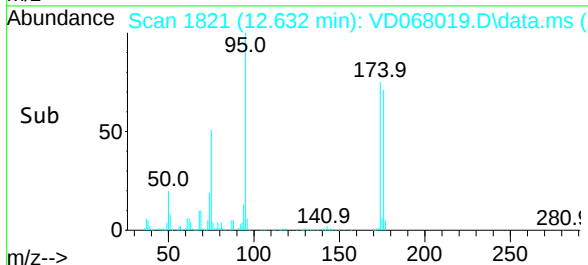
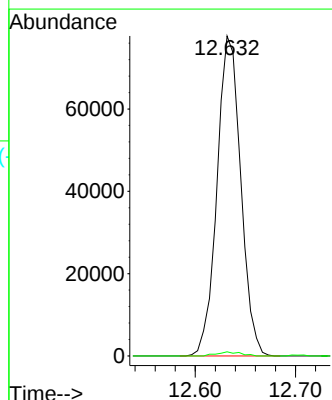
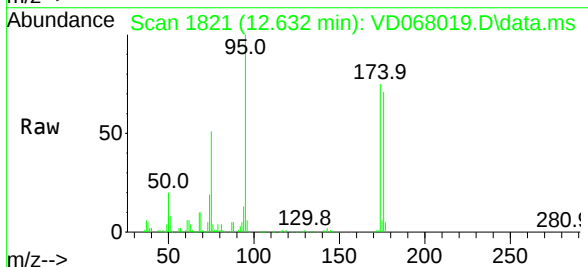
Instrument :
MSVOA_D
ClientSampleId :
R-LA-2-6-WC

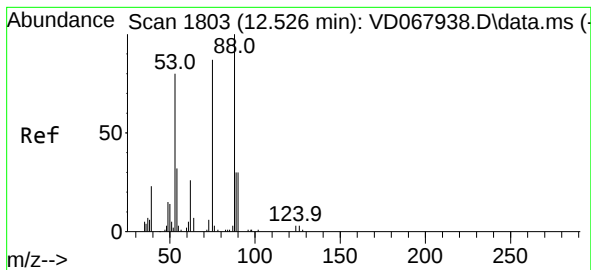
Tgt Ion:152 Resp: 243968
Ion Ratio Lower Upper
152 100
115 59.7 29.3 88.0
150 154.4 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 62.22 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068019.D
Acq: 06 Jan 2021 17:44

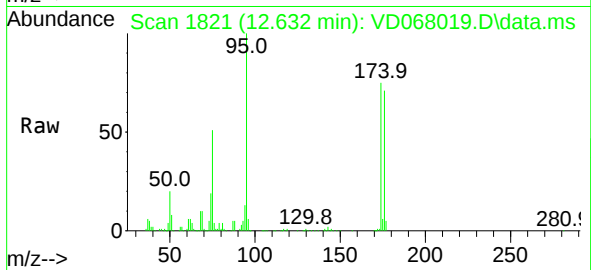
Tgt Ion: 75 Resp: 127802
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.54 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068019.D
 Acq: 06 Jan 2021 17:44

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-2-6-WC



Tgt Ion: 75 Resp: 127802
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.9 112.3#
 89 0.0 33.8 50.8#

