

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068020.D
 Acq On : 06 Jan 2021 18:11
 Operator : VA/SY
 Sample : M1035-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-37-3-WC

Quant Time: Jan 07 00:12:25 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	310670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	621890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	604083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	263008	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	218664	65.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.36%	
35) Dibromofluoromethane	7.914	113	208545	53.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.44%	
50) Toluene-d8	10.344	98	786702	53.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.82%	
62) 4-Bromofluorobenzene	12.632	95	261417	51.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.78%	

Target Compounds

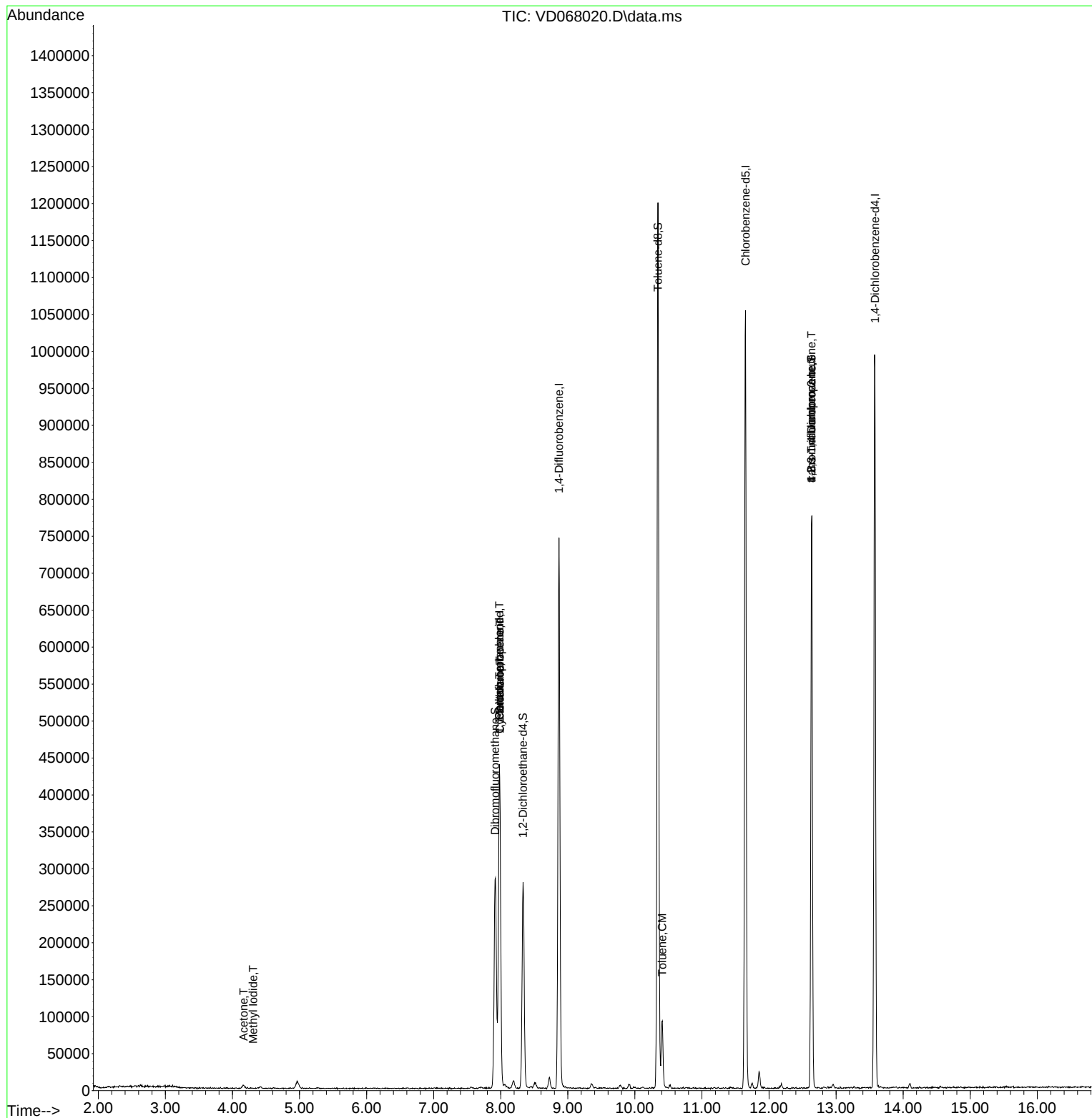
						Qvalue
5) Bromomethane	2.768	94	262	Below Cal	#	1
10) Methyl Iodide	4.309	142	62	3.87	ug/l #	41
16) Acetone	4.168	43	6385	9.97	ug/l #	88
20) Methylene Chloride	4.950	84	6799	Below Cal	#	64
31) Cyclohexane	7.985	56	8467	1.23	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	28056	4.24	ug/l #	50
38) Carbon Tetrachloride	7.979	117	33948	5.38	ug/l #	17
52) Toluene	10.408	92	37959	3.21	ug/l	99
76) 1,2,3-Trichloropropane	12.632	75	137494	62.09	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	137494	127.28	ug/l #	12

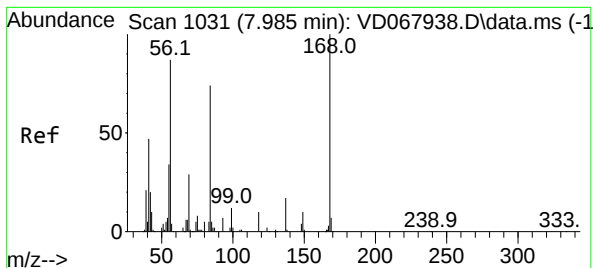
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
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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

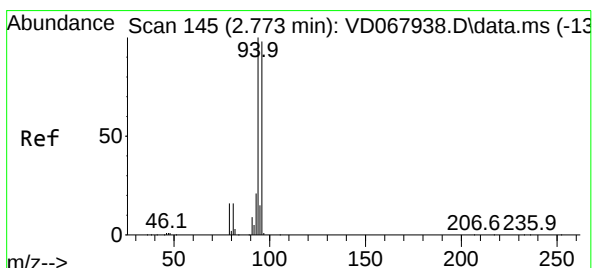
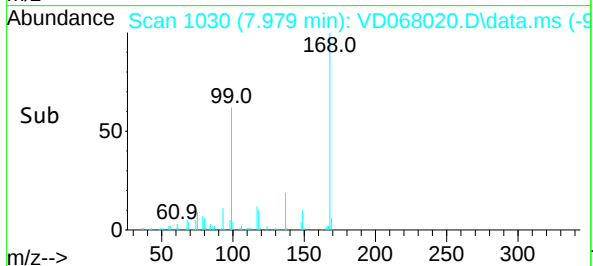
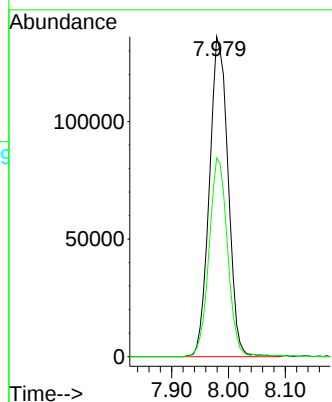
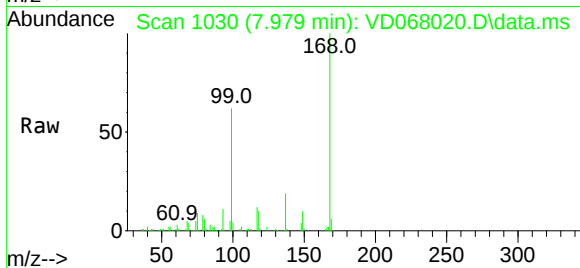




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

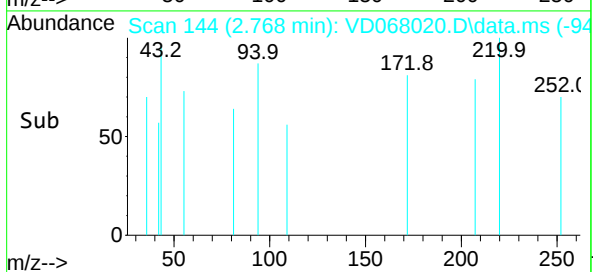
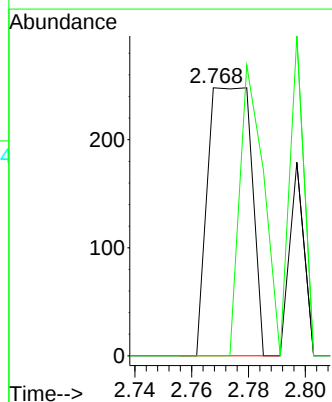
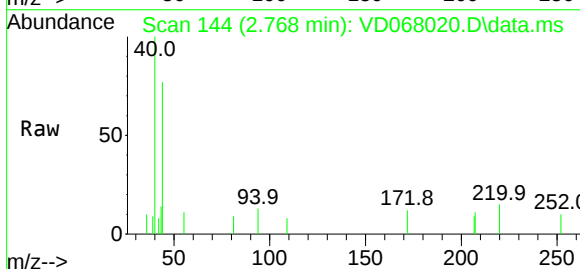
Instrument :
MSVOA_D
ClientSampleId :
R-LA-37-3-WC

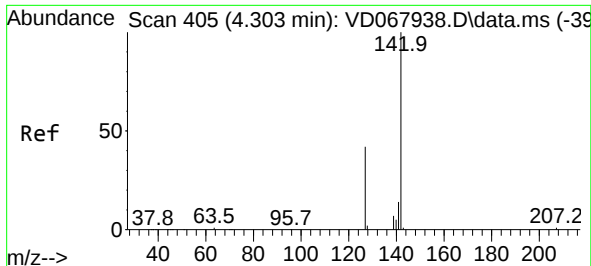
Tgt Ion:168 Resp: 310670
Ion Ratio Lower Upper
168 100
99 62.2 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.005 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

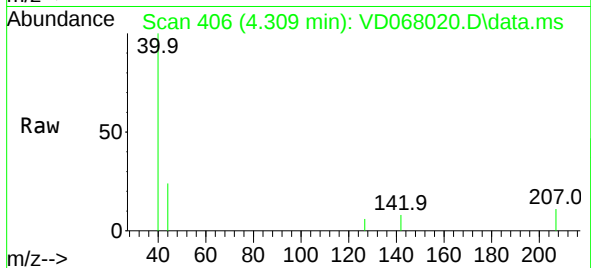
Tgt Ion: 94 Resp: 262
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



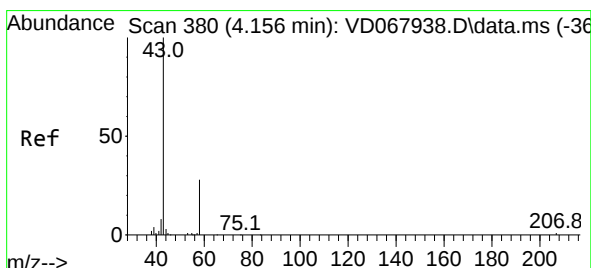
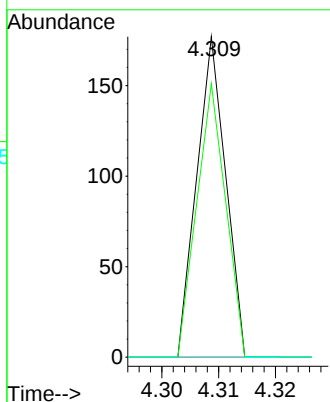
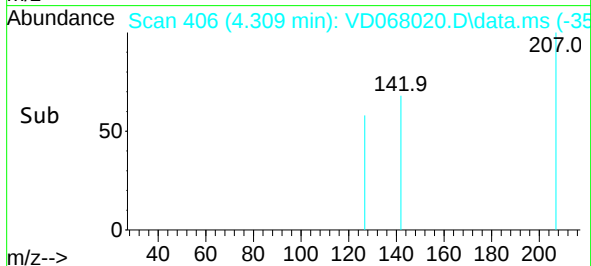


#10
Methyl Iodide
Concen: 3.87 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

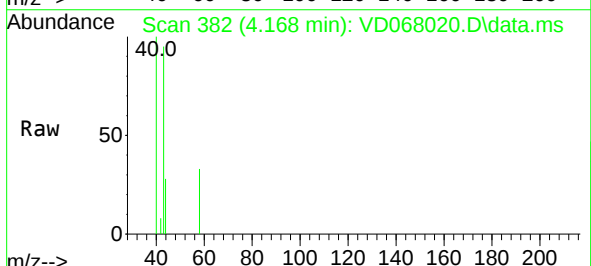
Instrument :
MSVOA_D
ClientSampleId :
R-LA-37-3-WC



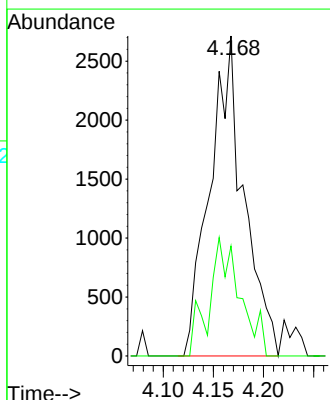
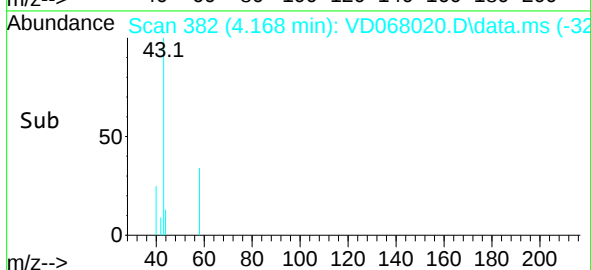
Tgt Ion:142 Resp: 62
Ion Ratio Lower Upper
142 100
127 85.5 34.4 51.6#
141 0.0 11.8 17.8#

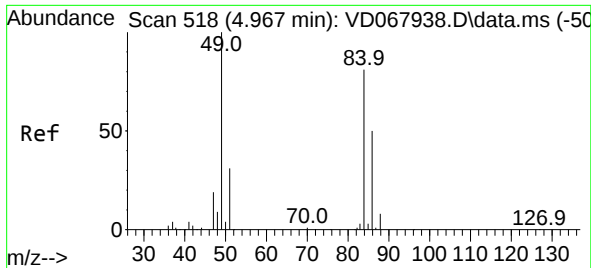


#16
Acetone
Concen: 9.97 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11



Tgt Ion: 43 Resp: 6385
Ion Ratio Lower Upper
43 100
58 34.4 22.3 33.5#

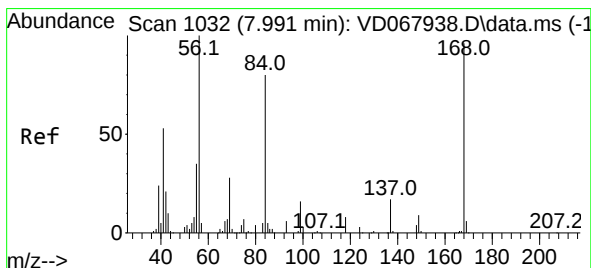
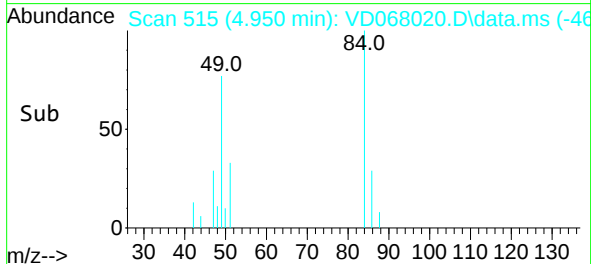
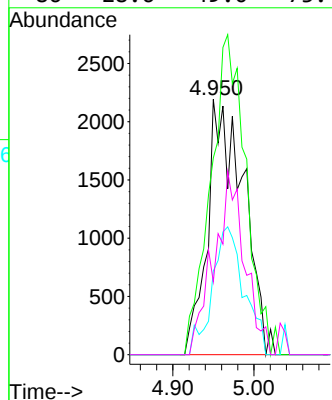
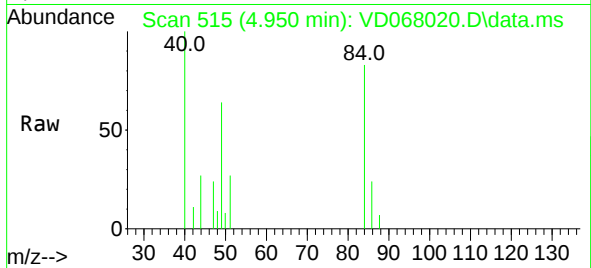




#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.017 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

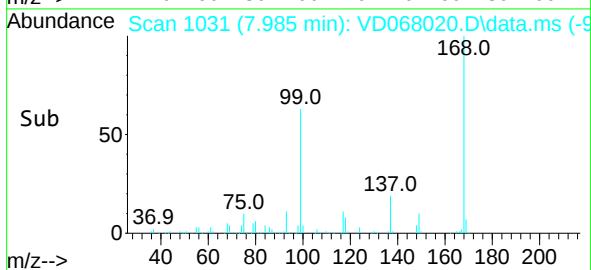
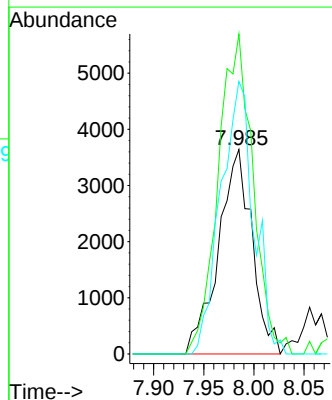
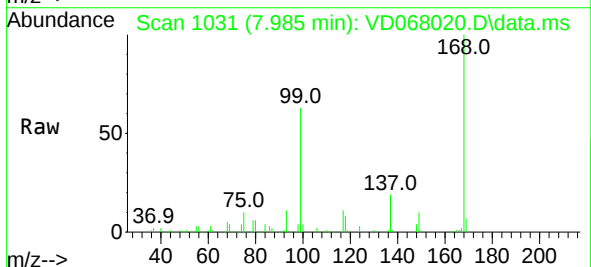
Instrument :
MSVOA_D
ClientSampleId :
R-LA-37-3-WC

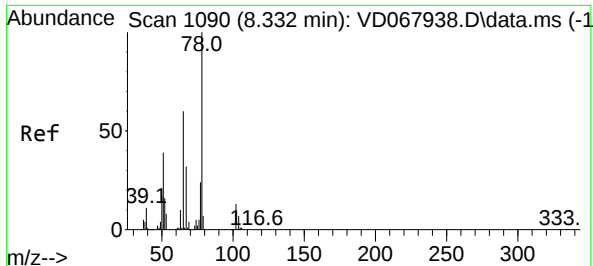
Tgt Ion:	84	Resp:	6799
Ion	Ratio	Lower	Upper
84	100		
49	77.1	98.3	147.5#
51	32.8	30.3	45.5
86	28.6	49.0	73.4#



#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

Tgt Ion:	56	Resp:	8467
Ion	Ratio	Lower	Upper
56	100		
69	156.5	22.7	34.1#
84	133.3	64.2	96.4#

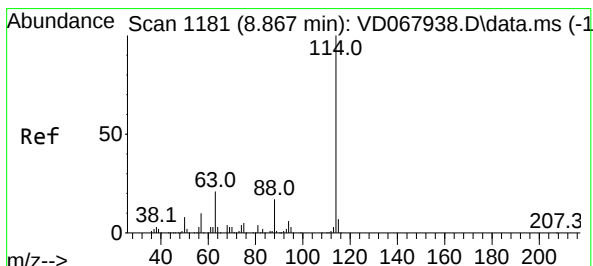
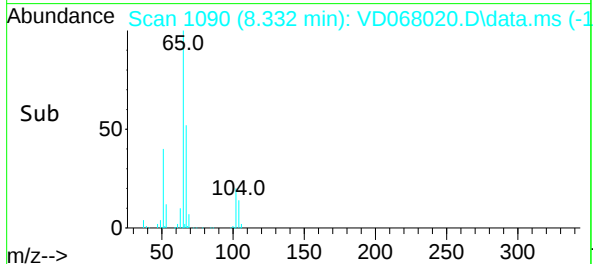
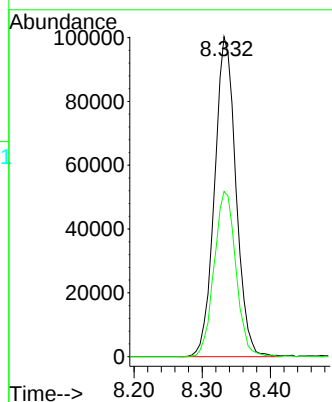
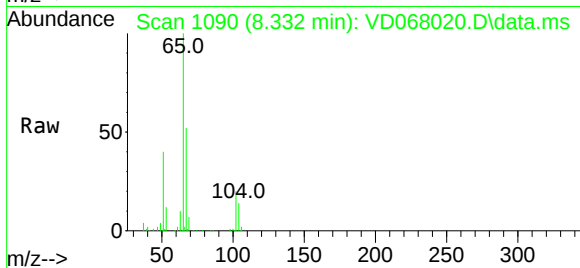




#33
1,2-Dichloroethane-d4
Concen: 65.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

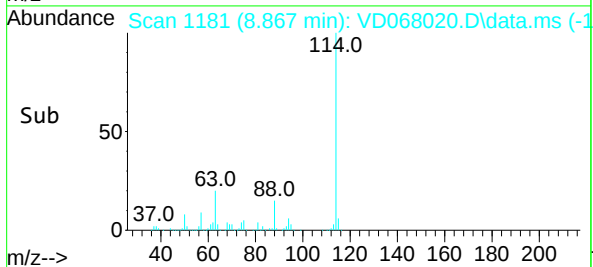
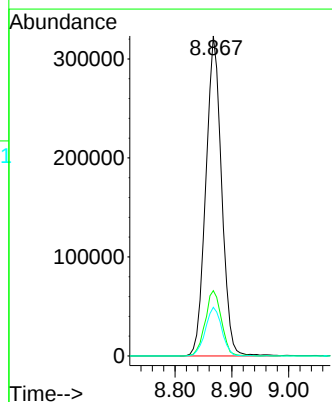
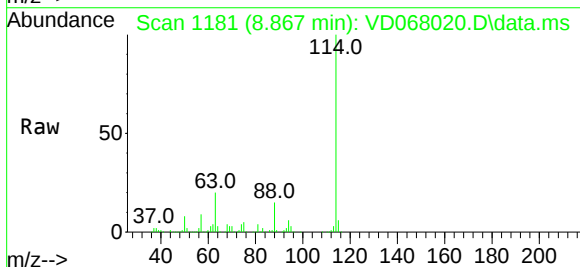
Instrument :
MSVOA_D
ClientSampleId :
R-LA-37-3-WC

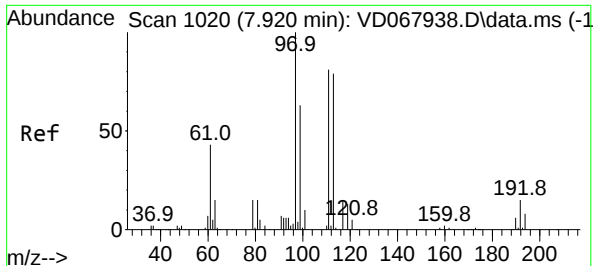
Tgt Ion: 65 Resp: 218664
Ion Ratio Lower Upper
65 100
67 52.6 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

Tgt Ion: 114 Resp: 621890
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.4
88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.22 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068020.D

Acq: 06 Jan 2021 18:11

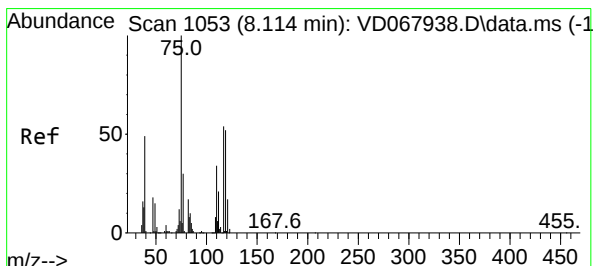
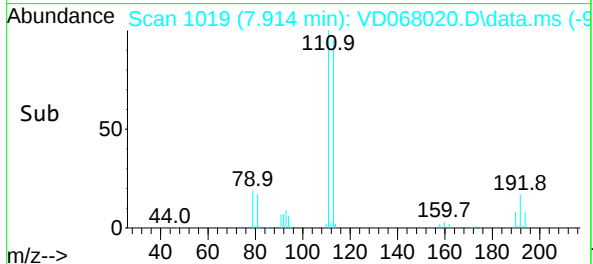
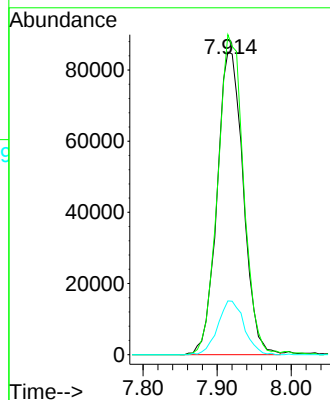
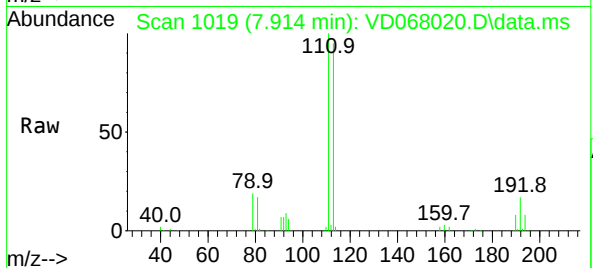
Tgt Ion:113 Resp: 208545

Ion Ratio Lower Upper

113 100

111 104.8 79.3 118.9

192 17.9 14.5 21.7



#36

1,1-Dichloropropene

Concen: 4.24 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068020.D

Acq: 06 Jan 2021 18:11

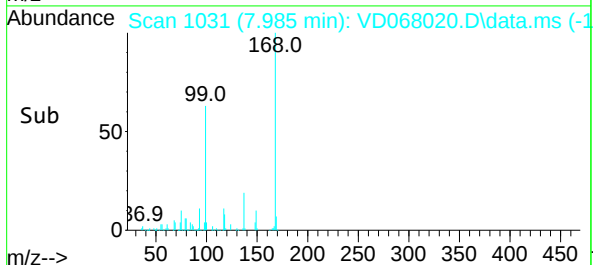
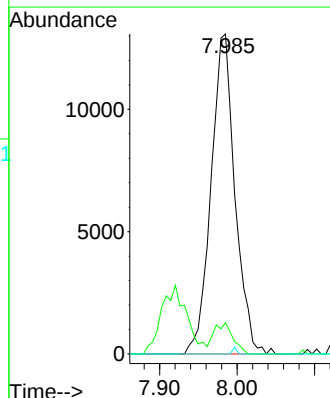
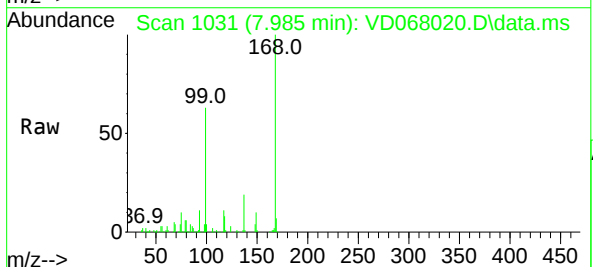
Tgt Ion: 75 Resp: 28056

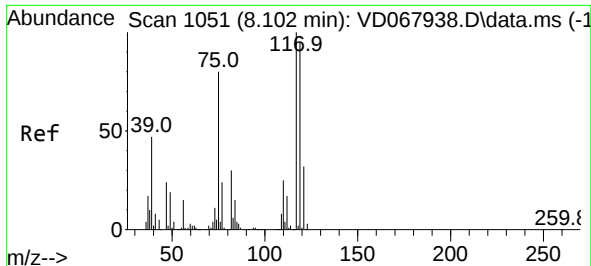
Ion Ratio Lower Upper

75 100

110 7.7 17.0 51.0#

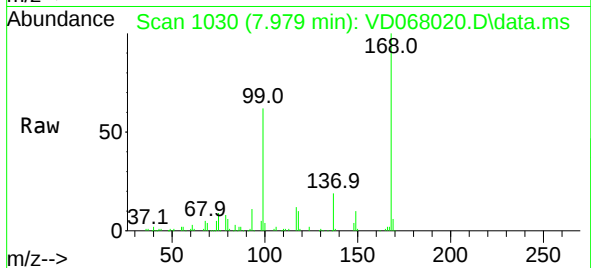
77 0.4 24.6 37.0#



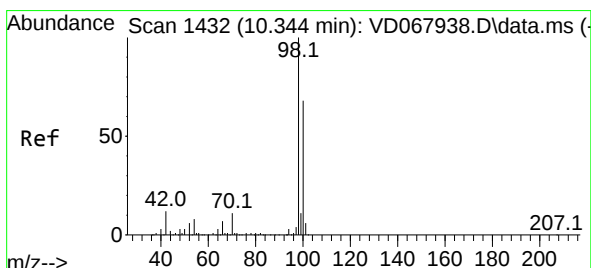
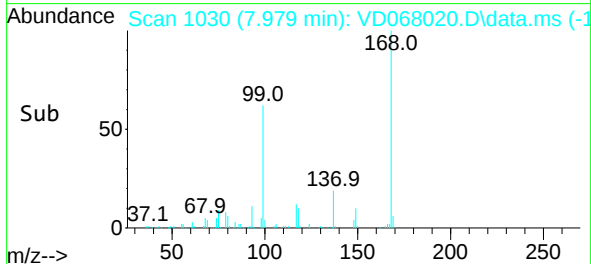
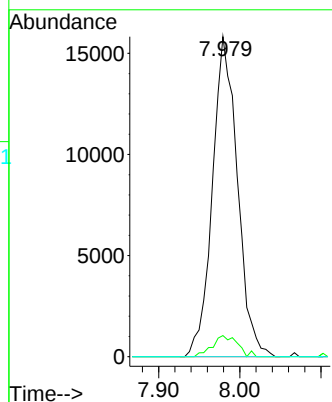


#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

Instrument :
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ClientSampleId :
R-LA-37-3-WC

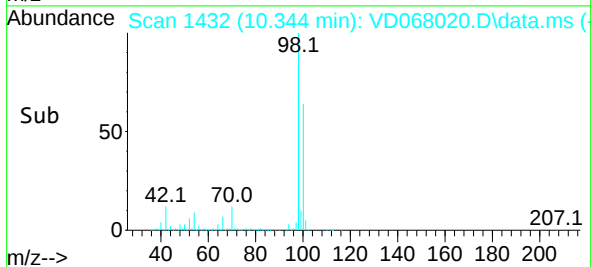
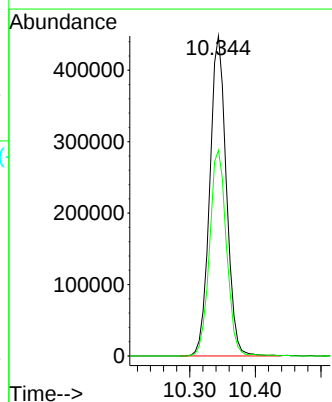
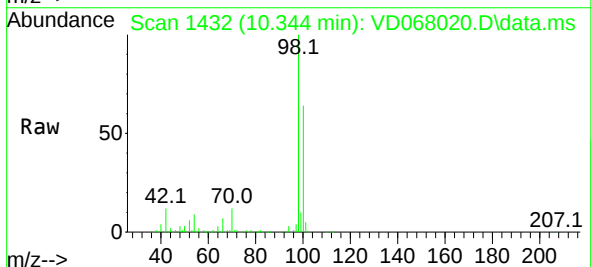


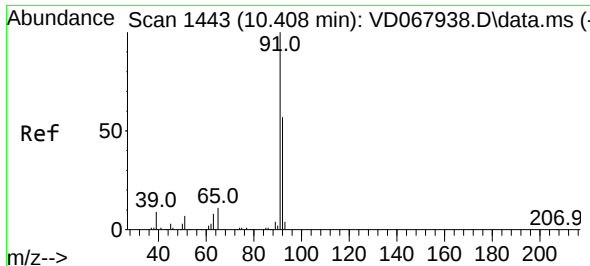
Tgt Ion:117 Resp: 33948
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.4#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 53.41 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

Tgt Ion: 98 Resp: 786702
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

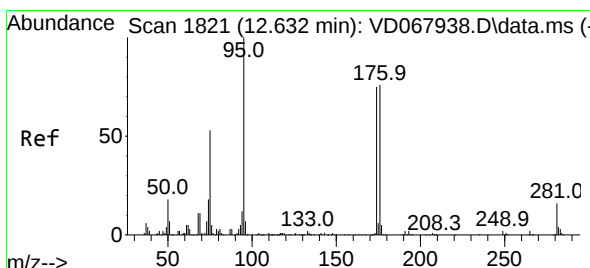
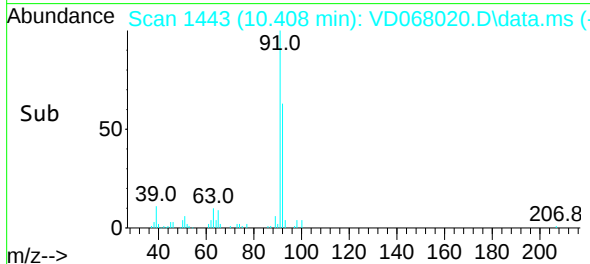
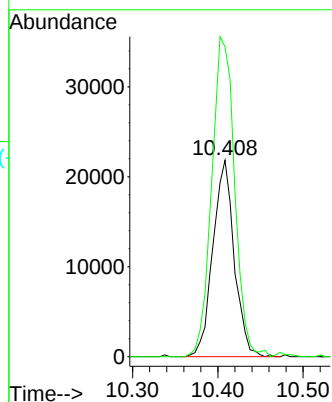
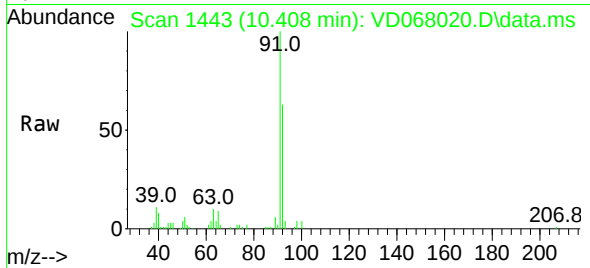




#52
Toluene
Concen: 3.21 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

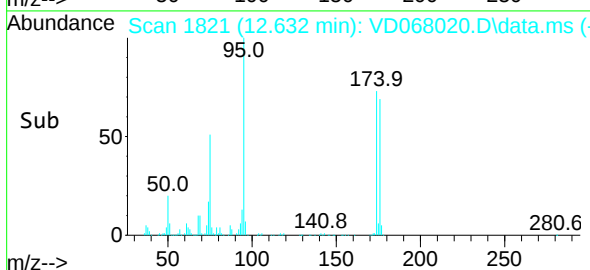
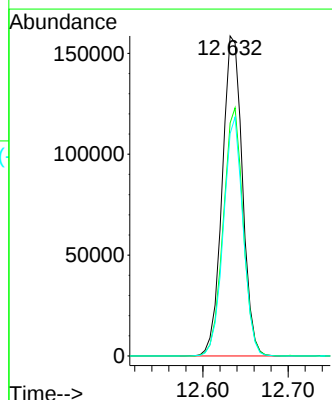
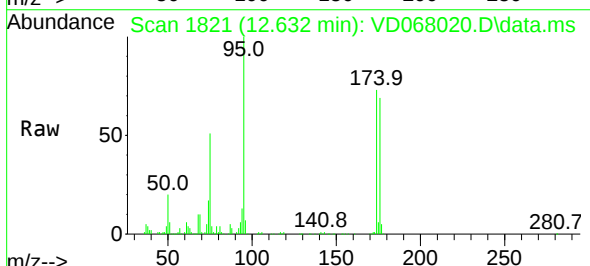
Instrument :
MSVOA_D
ClientSampleId :
R-LA-37-3-WC

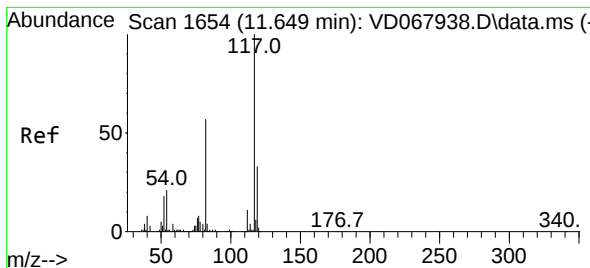
Tgt Ion: 92 Resp: 37959
Ion Ratio Lower Upper
92 100
91 174.9 138.5 207.7



#62
4-Bromofluorobenzene
Concen: 51.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

Tgt Ion: 95 Resp: 261417
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.6
176 72.5 0.0 151.2

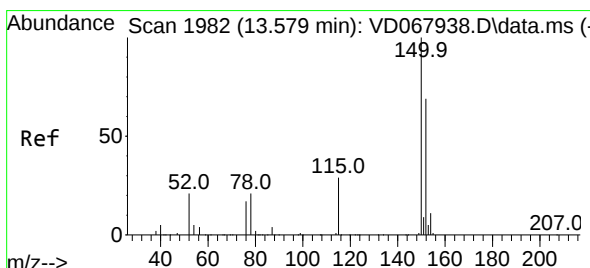
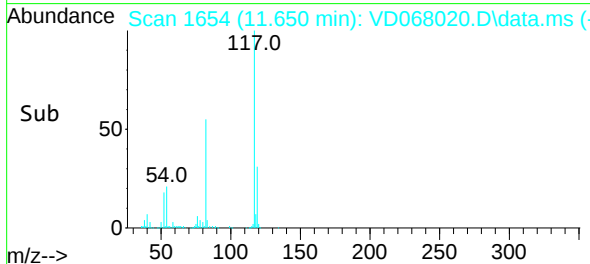
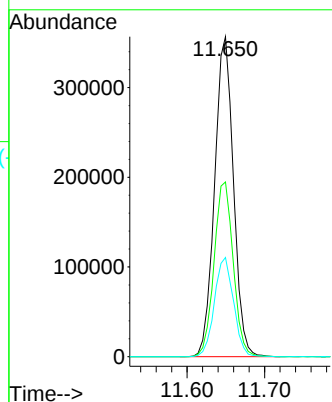
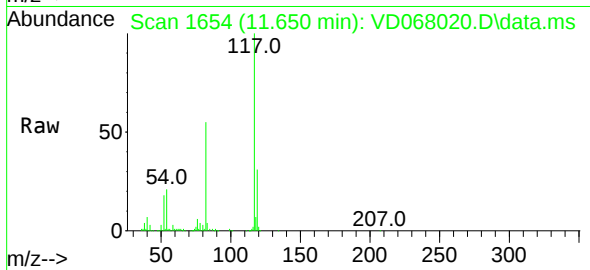




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

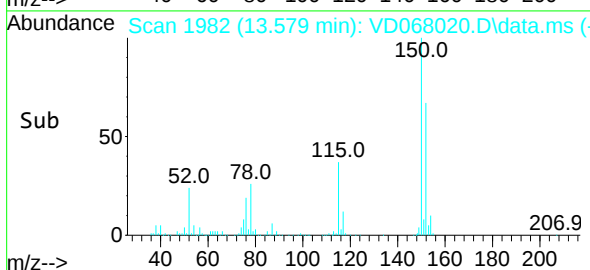
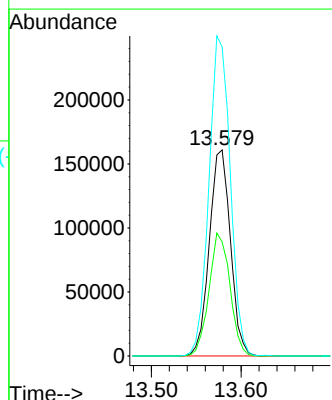
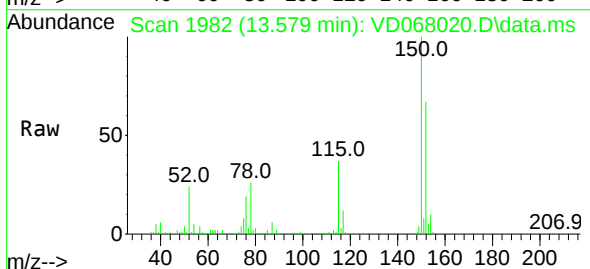
Instrument :
MSVOA_D
ClientSampleId :
R-LA-37-3-WC

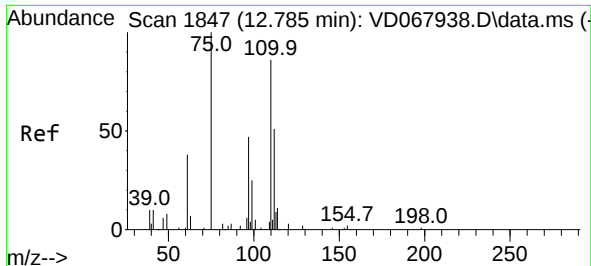
Tgt Ion:117 Resp: 604083
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 31.0 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

Tgt Ion:152 Resp: 263008
Ion Ratio Lower Upper
152 100
115 59.2 29.3 88.0
150 156.6 0.0 340.0

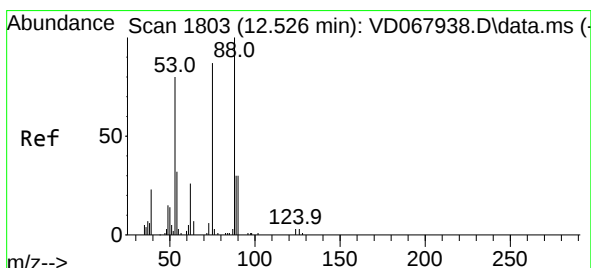
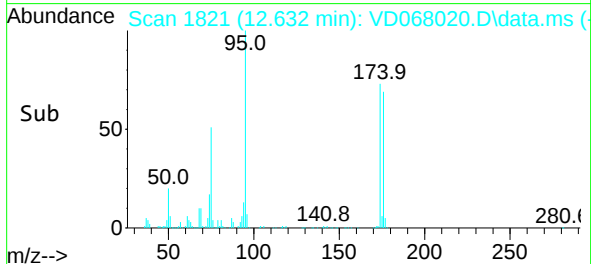
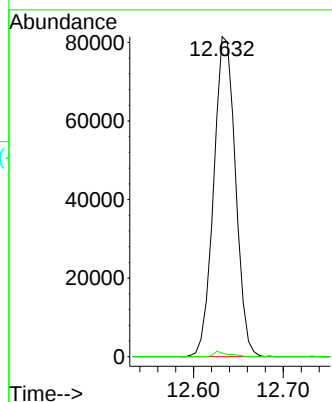
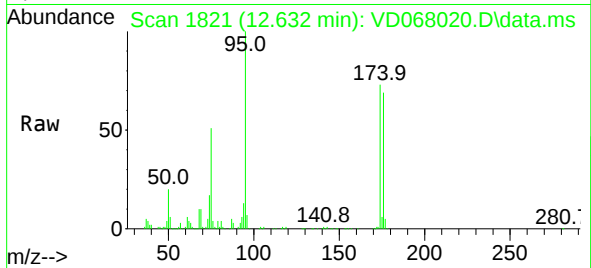




#76
1,2,3-Trichloropropane
Concen: 62.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

Instrument :
MSVOA_D
ClientSampleId :
R-LA-37-3-WC

Tgt Ion: 75 Resp: 137494
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068020.D
Acq: 06 Jan 2021 18:11

Tgt Ion: 75 Resp: 137494
Ion Ratio Lower Upper
75 100
53 0.1 74.9 112.3#
89 0.1 33.8 50.8#

