

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122420\
 Data File : VD067944.D
 Acq On : 24 Dec 2020 14:20
 Operator : VA/SY
 Sample : VD1224SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 25 00:14:09 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	273026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	500834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	445861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	193329	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	173906	58.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.98%
35) Dibromofluoromethane	7.920	113	173287	54.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.82%
50) Toluene-d8	10.344	98	616569	51.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.96%
62) 4-Bromofluorobenzene	12.632	95	188448	46.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.90%

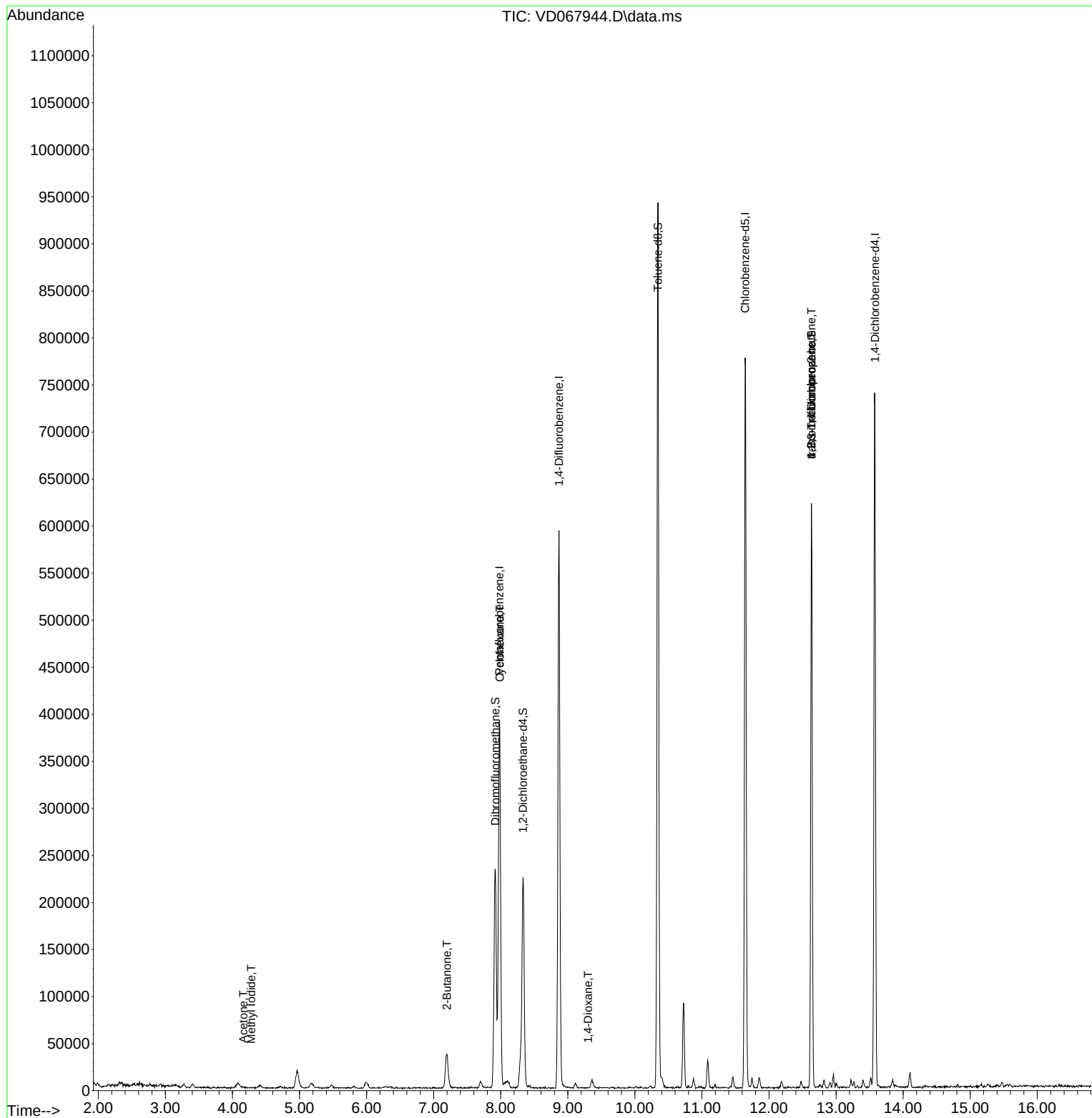
Target Compounds					Qvalue
5) Bromomethane	2.779	94	1304	Below Cal	92
10) Methyl Iodide	4.279	142	417	3.97 ug/l #	61
11) Tert butyl alcohol	5.185	59	5096	Below Cal #	74
16) Acetone	4.162	43	1660	2.95 ug/l	90
20) Methylene Chloride	4.962	84	12977	Below Cal #	94
25) 2-Butanone	7.197	43	2670	3.22 ug/l	92
31) Cyclohexane	7.985	56	9139	1.52 ug/l #	1
49) 1,4-Dioxane	9.303	88	77	3.69 ug/l #	24
76) 1,2,3-Trichloropropane	12.632	75	96208	59.11 ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	96208	121.16 ug/l #	12

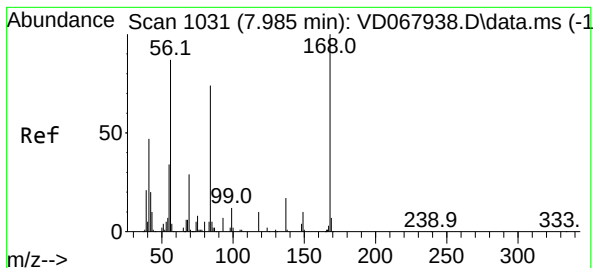
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122420\
Data File : VD067944.D
Acq On : 24 Dec 2020 14:20
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 25 00:14:09 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

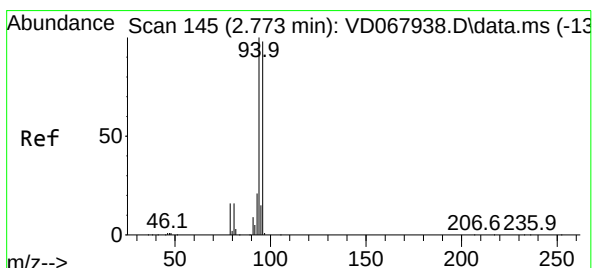
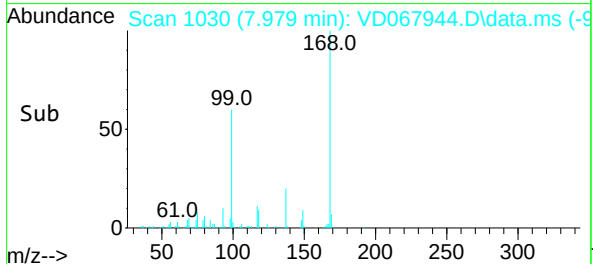
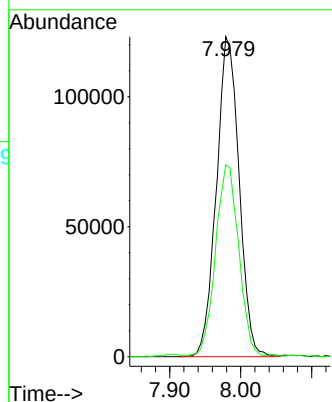
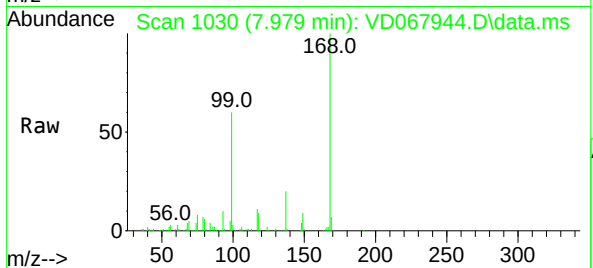




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

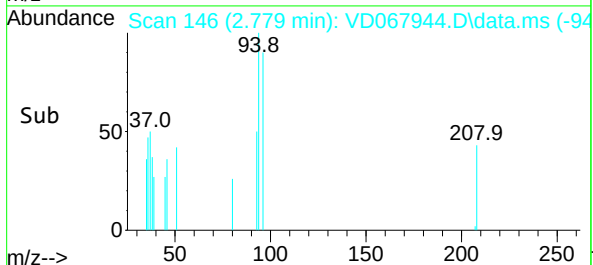
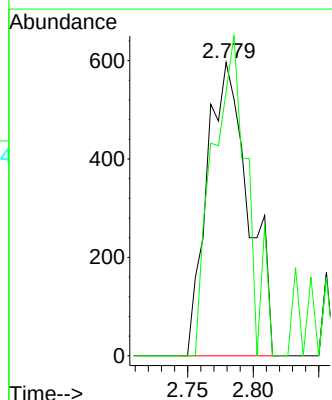
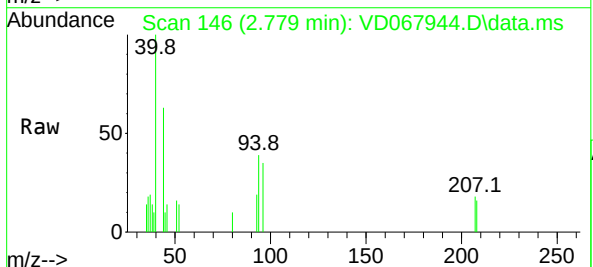
Instrument :
MSVOA_D
ClientSampleId :

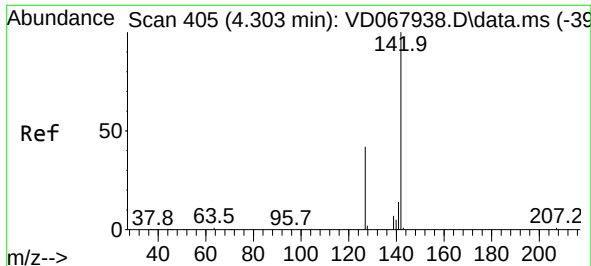
Tgt Ion:168 Resp: 273026
Ion Ratio Lower Upper
168 100
99 59.7 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

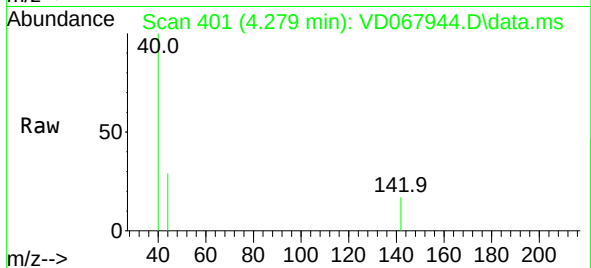
Tgt Ion: 94 Resp: 1304
Ion Ratio Lower Upper
94 100
96 90.1 78.0 117.0



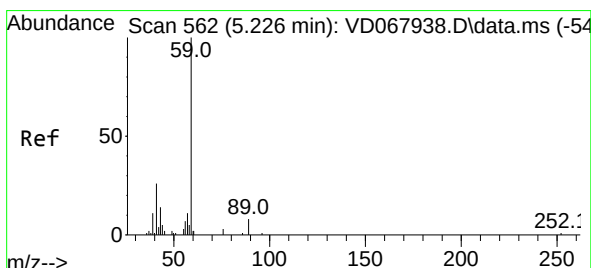
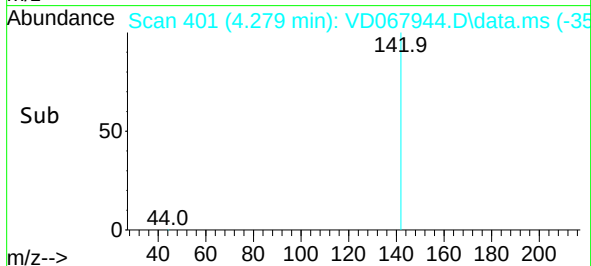
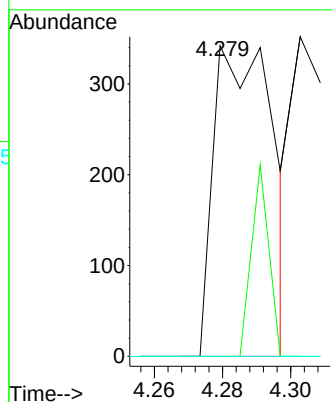


#10
Methyl Iodide
Concen: 3.97 ug/l
RT: 4.279 min Scan# 401
Delta R.T. -0.024 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

Instrument :
MSVOA_D
ClientSampled :

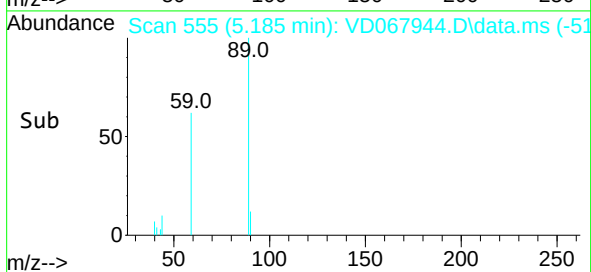
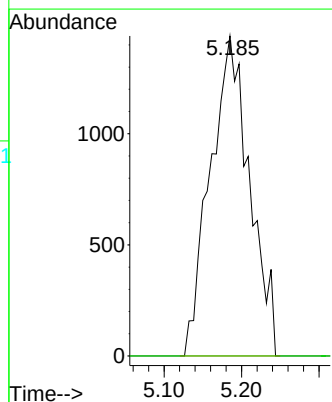
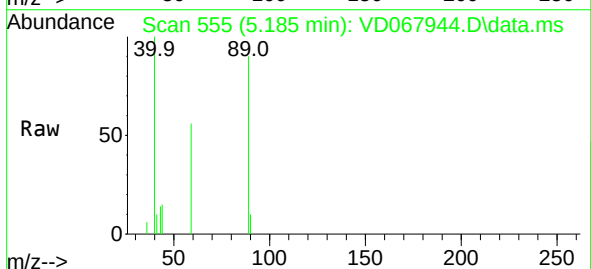


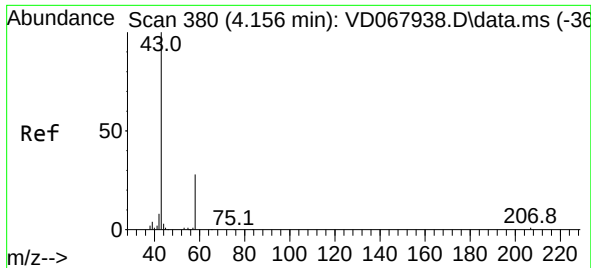
Tgt Ion:142 Resp: 417
Ion Ratio Lower Upper
142 100
127 17.7 34.4 51.6#
141 0.0 11.8 17.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.041 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

Tgt Ion: 59 Resp: 5096
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

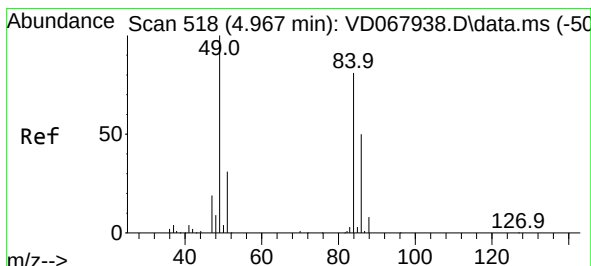
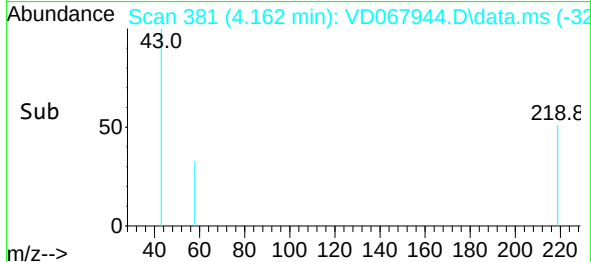
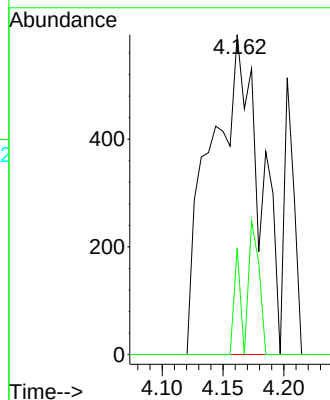
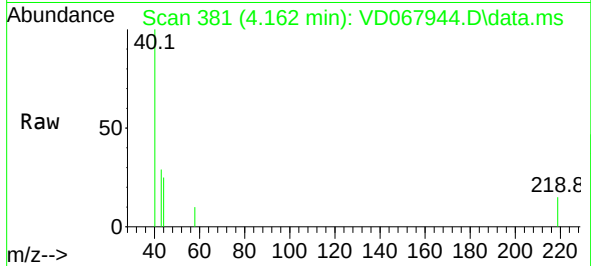




#16
Acetone
Concen: 2.95 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

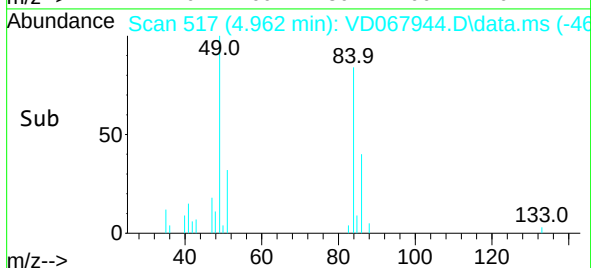
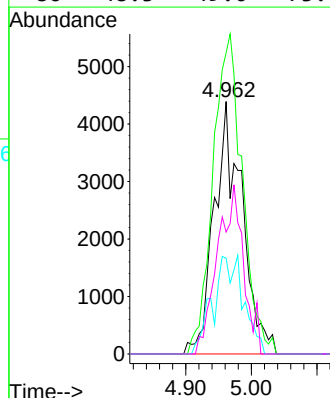
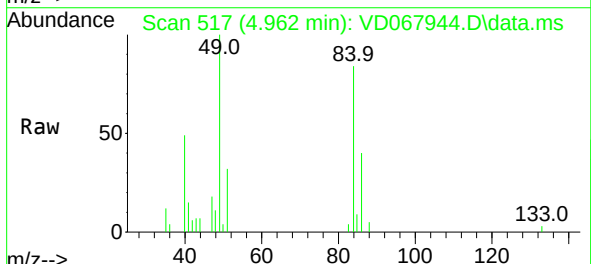
Instrument :
MSVOA_D
ClientSampled :

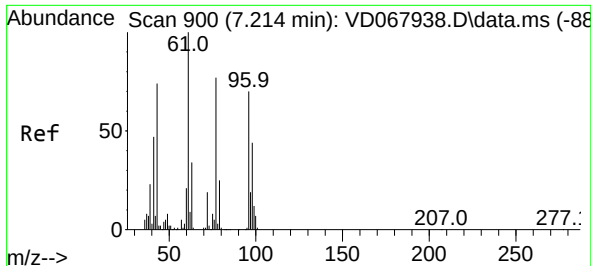
Tgt Ion: 43 Resp: 1660
Ion Ratio Lower Upper
43 100
58 33.2 22.3 33.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

Tgt Ion: 84 Resp: 12977
Ion Ratio Lower Upper
84 100
49 119.3 98.3 147.5
51 37.9 30.3 45.5
86 48.3 49.0 73.4#

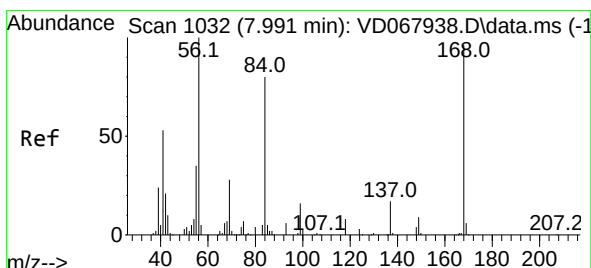
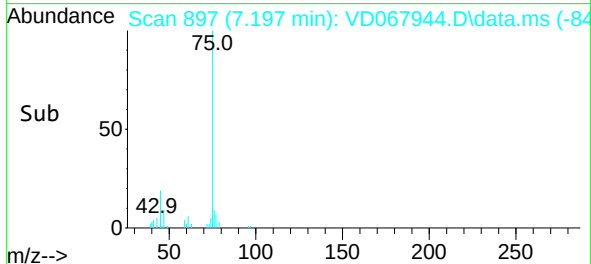
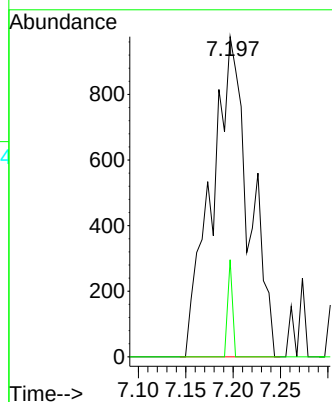
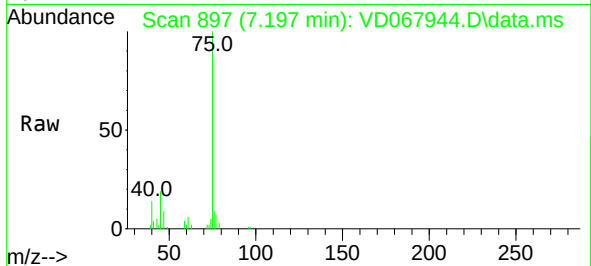




#25
2-Butanone
Concen: 3.22 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.018 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

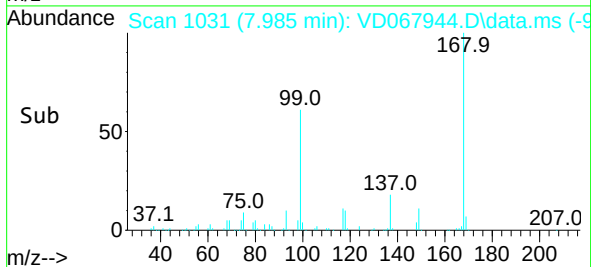
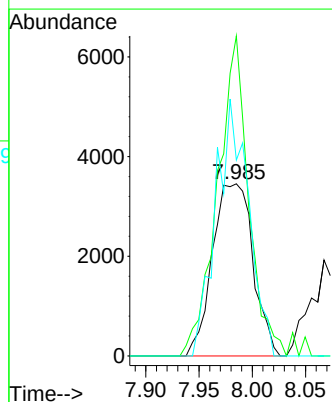
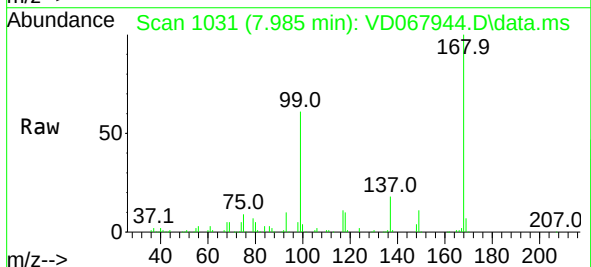
Instrument :
MSVOA_D
ClientSampled :

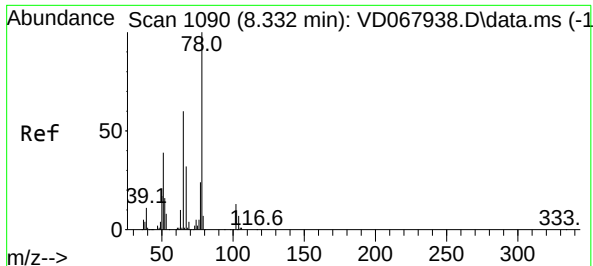
Tgt Ion: 43 Resp: 2670
Ion Ratio Lower Upper
43 100
72 30.3 20.8 31.2



#31
Cyclohexane
Concen: 1.52 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

Tgt Ion: 56 Resp: 9139
Ion Ratio Lower Upper
56 100
69 185.9 22.7 34.1#
84 113.8 64.2 96.4#

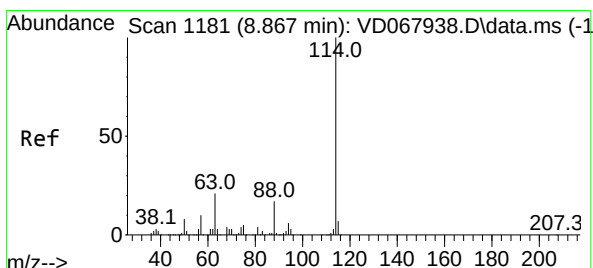
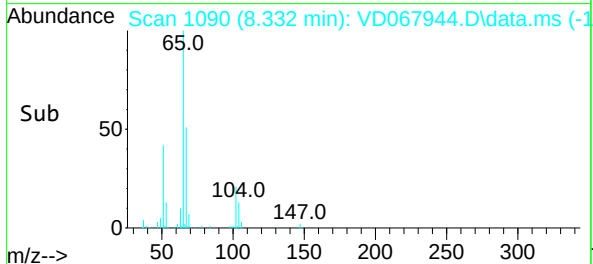
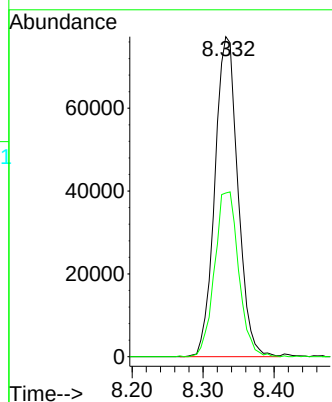
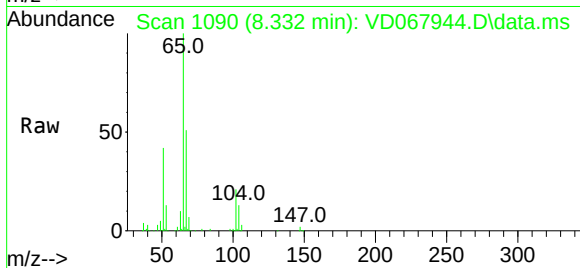




#33
1,2-Dichloroethane-d4
Concen: 58.99 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

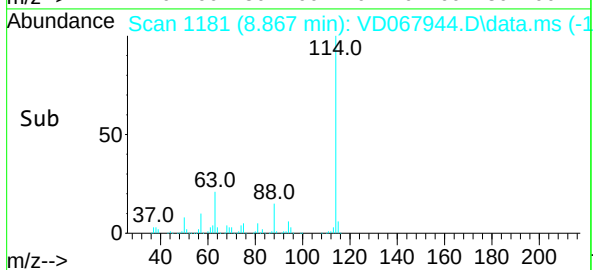
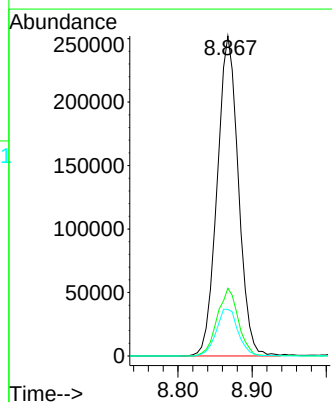
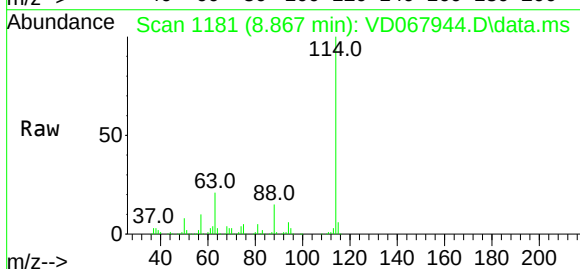
Instrument :
MSVOA_D
ClientSampled :

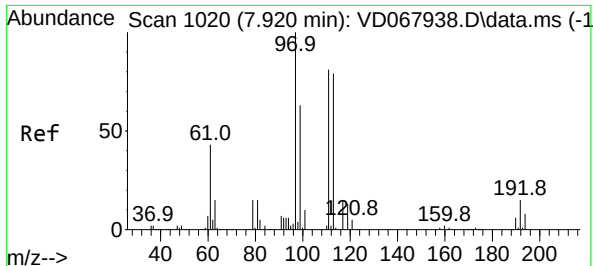
Tgt Ion: 65 Resp: 173906
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

Tgt Ion: 114 Resp: 500834
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.4
88 14.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.91 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD067944.D

Acq: 24 Dec 2020 14:20

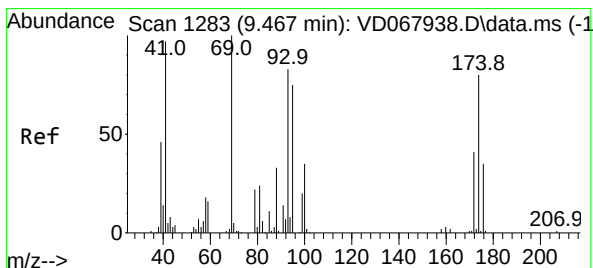
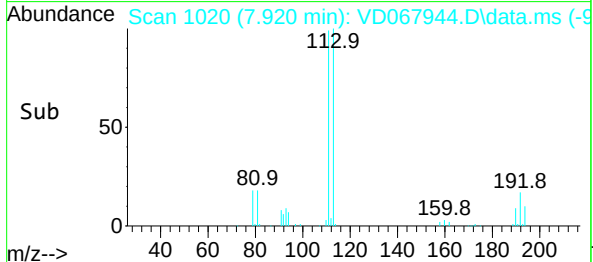
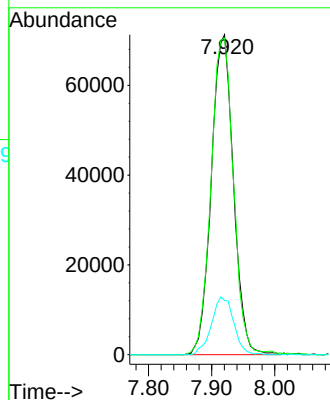
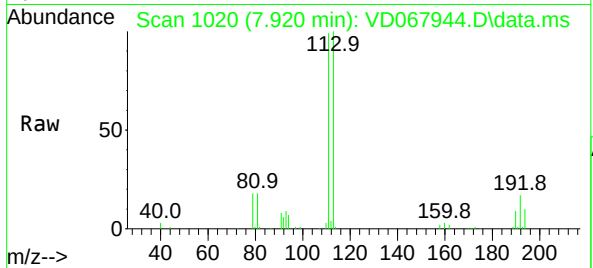
Tgt Ion:113 Resp: 173287

Ion Ratio Lower Upper

113 100

111 101.2 79.3 118.9

192 18.1 14.5 21.7



#49

1,4-Dioxane

Concen: 3.69 ug/l

RT: 9.303 min Scan# 1255

Delta R.T. -0.165 min

Lab File: VD067944.D

Acq: 24 Dec 2020 14:20

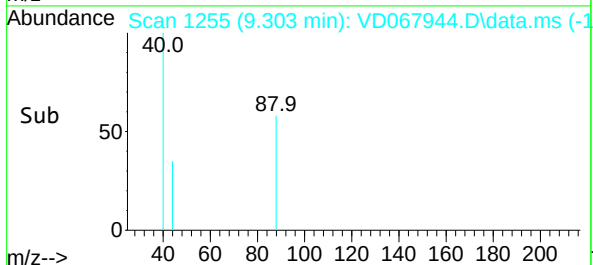
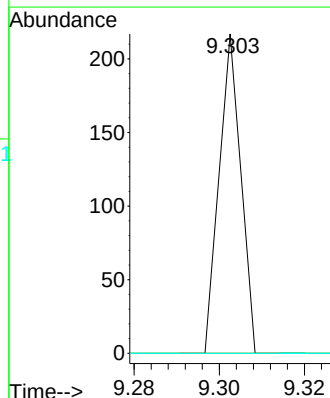
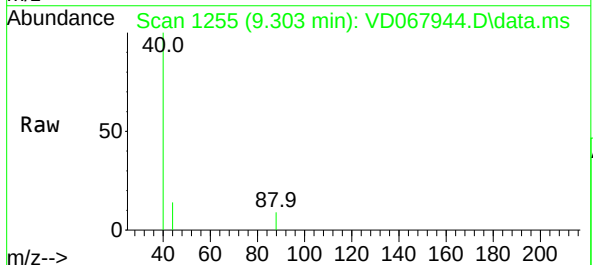
Tgt Ion: 88 Resp: 77

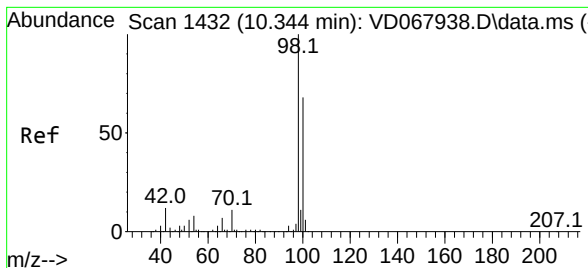
Ion Ratio Lower Upper

88 100

43 0.0 27.3 40.9#

58 0.0 54.8 82.2#

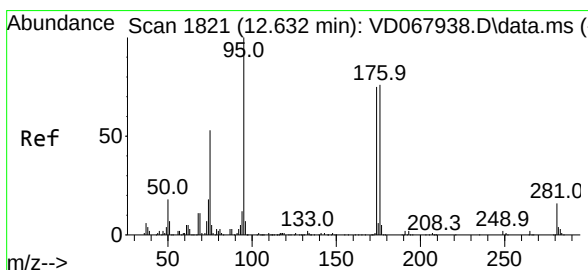
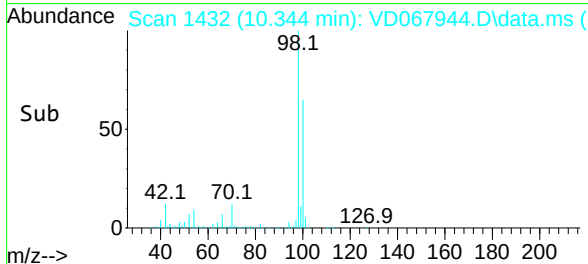
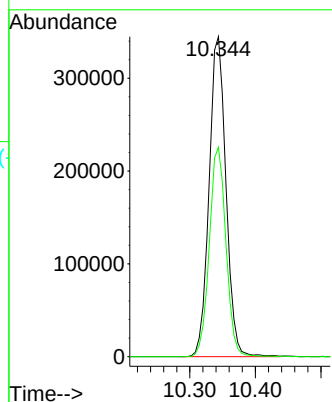
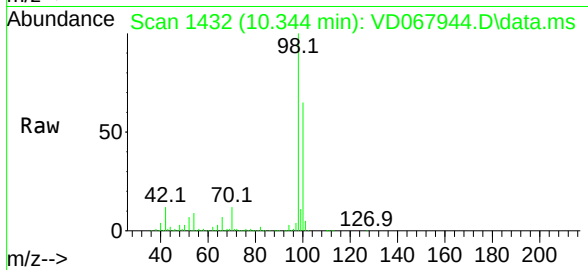




#50
Toluene-d8
Concen: 51.98 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

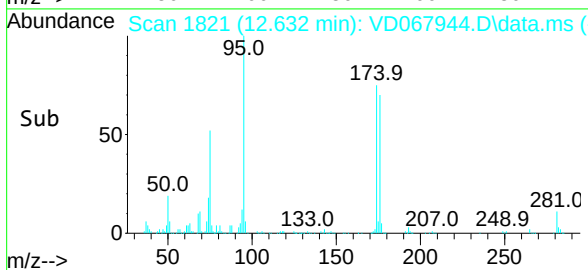
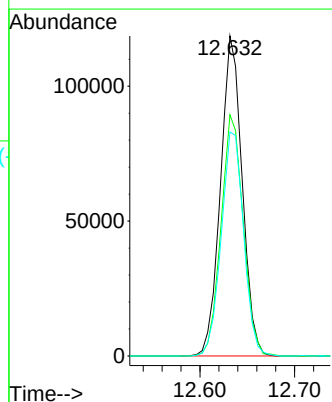
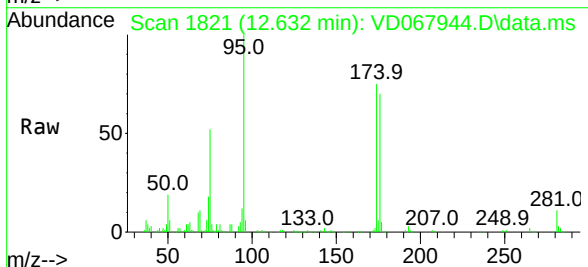
Instrument :
MSVOA_D
ClientSampleId :

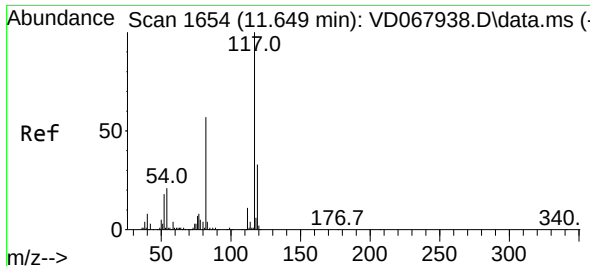
Tgt Ion: 98 Resp: 616569
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

Tgt Ion: 95 Resp: 188448
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.6
176 72.3 0.0 151.2

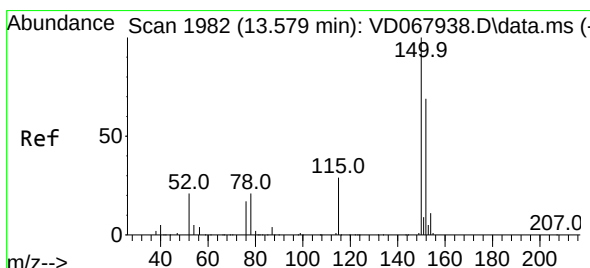
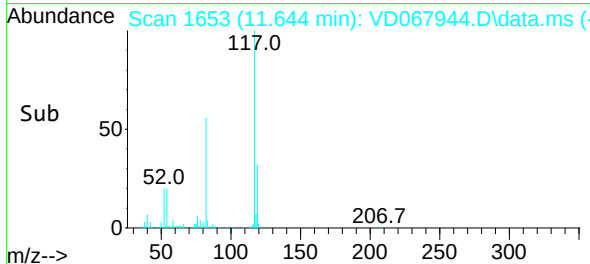
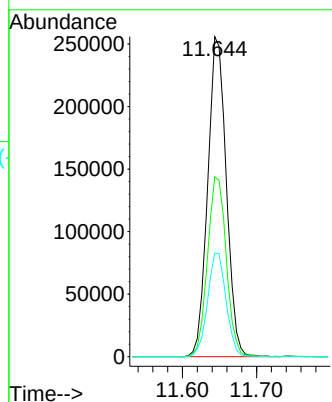
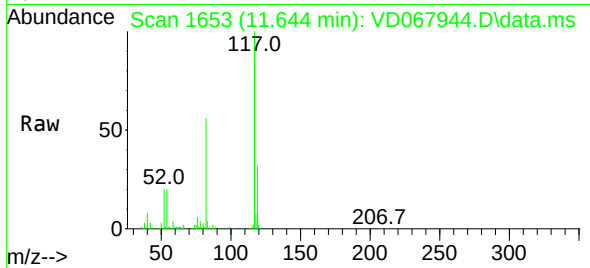




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

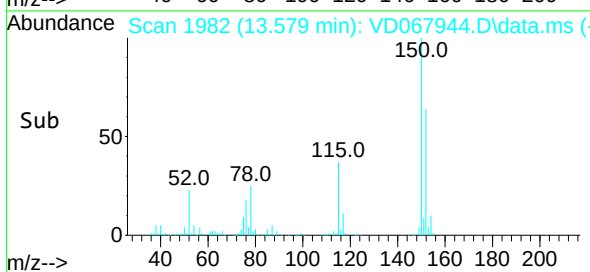
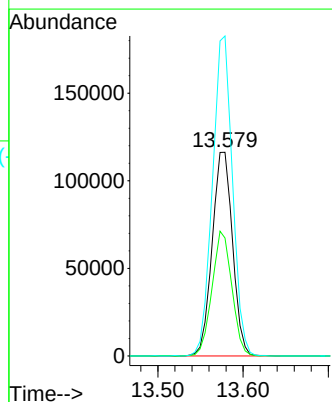
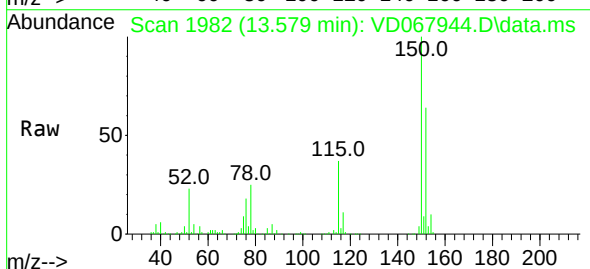
Instrument :
MSVOA_D
ClientSampleId :

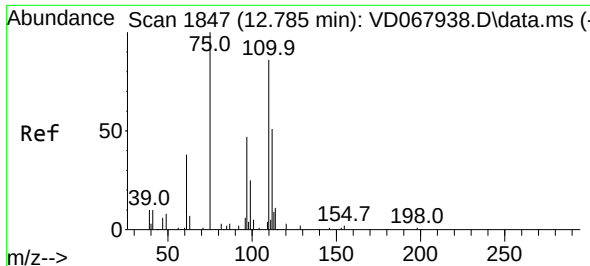
Tgt Ion:117 Resp: 445861
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 32.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

Tgt Ion:152 Resp: 193329
Ion Ratio Lower Upper
152 100
115 59.6 29.3 88.0
150 154.1 0.0 340.0

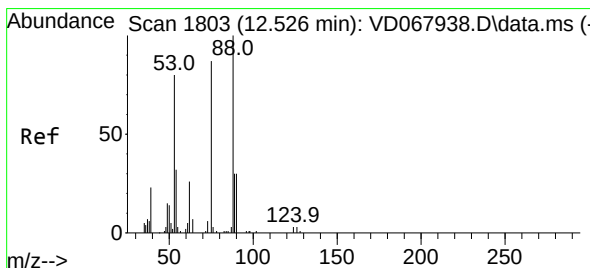
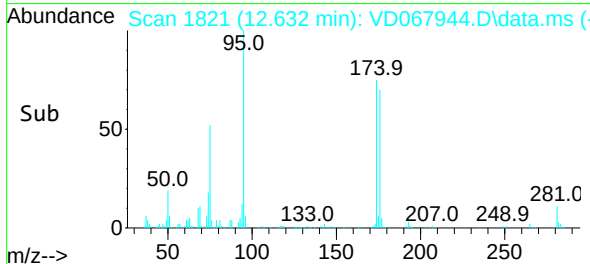
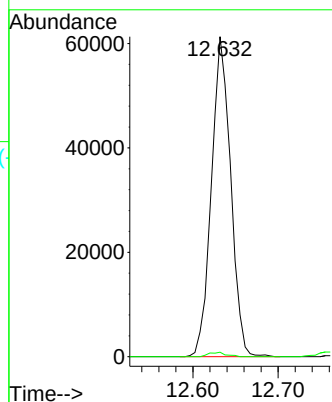
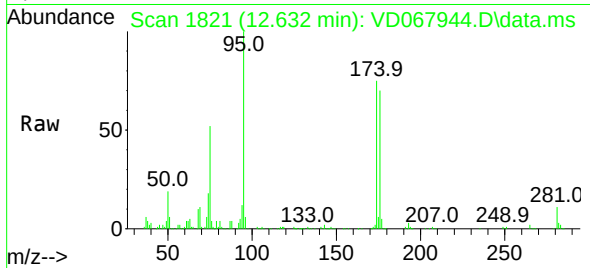




#76
1,2,3-Trichloropropane
Concen: 59.11 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 96208
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD067944.D
Acq: 24 Dec 2020 14:20

Tgt Ion: 75 Resp: 96208
Ion Ratio Lower Upper
75 100
53 0.1 74.9 112.3#
89 0.2 33.8 50.8#

