

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122820\
 Data File : VD067957.D
 Acq On : 28 Dec 2020 13:07
 Operator : VA/SY
 Sample : L5221-03
 Misc : 4.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 29 00:11:32 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	219664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	415399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	387857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	162145	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	161717	68.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.36%
35) Dibromofluoromethane	7.920	113	151224	57.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.56%
50) Toluene-d8	10.344	98	532669	54.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.28%
62) 4-Bromofluorobenzene	12.638	95	157013	46.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.32%

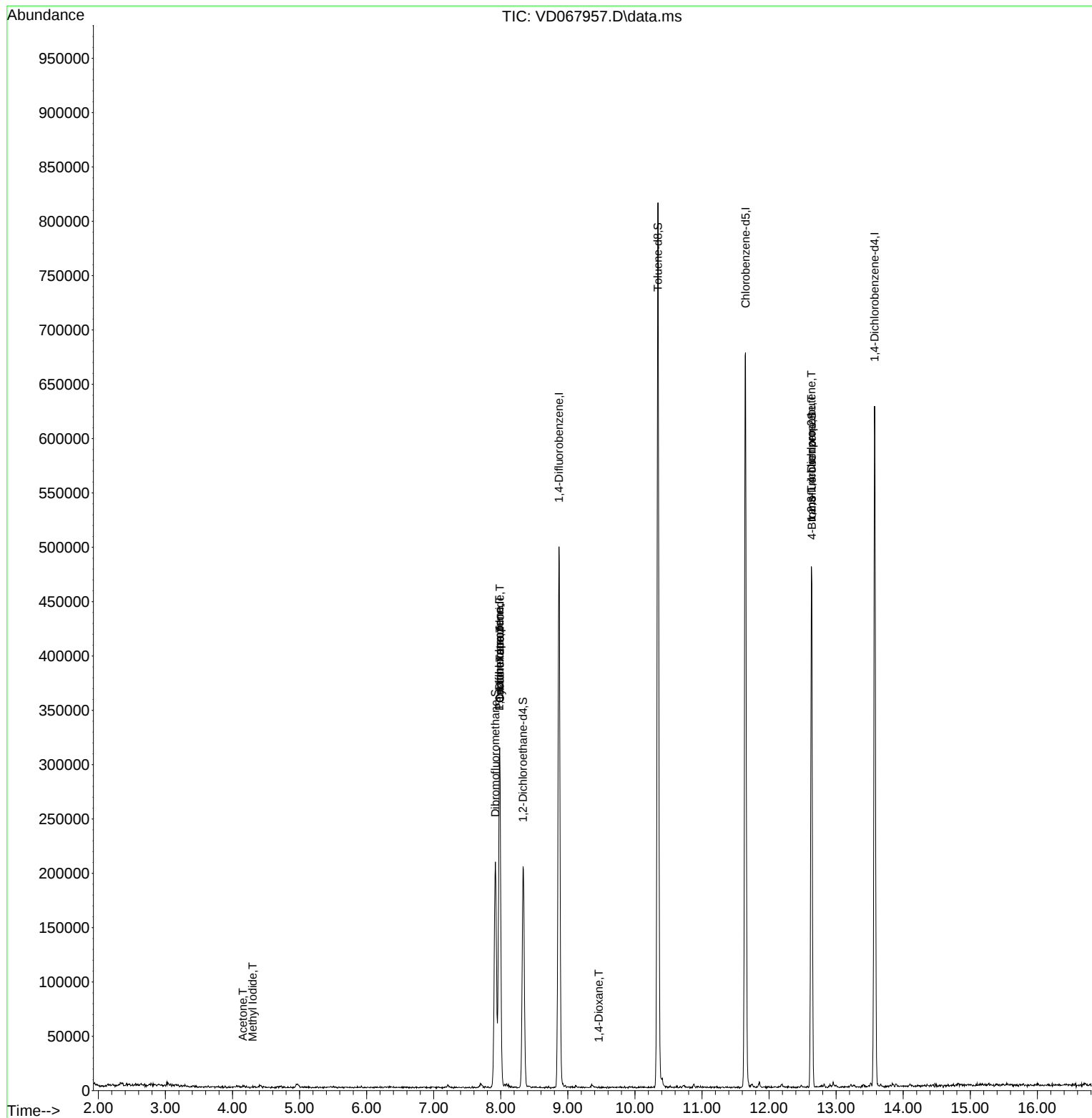
Target Compounds					Qvalue
5) Bromomethane	2.785	94	872	Below Cal	# 34
10) Methyl Iodide	4.303	142	196	3.92 ug/l	# 68
16) Acetone	4.156	43	1713	3.78 ug/l	# 80
20) Methylene Chloride	4.950	84	1099	Below Cal	# 72
31) Cyclohexane	7.985	56	6819	1.41 ug/l	# 53
36) 1,1-Dichloropropene	7.979	75	20464	4.63 ug/l	# 49
38) Carbon Tetrachloride	7.985	117	25606	6.07 ug/l	# 15
49) 1,4-Dioxane	9.461	88	59	3.41 ug/l	# 24
76) 1,2,3-Trichloropropane	12.632	75	81542	59.73 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	81542	122.44 ug/l	# 12

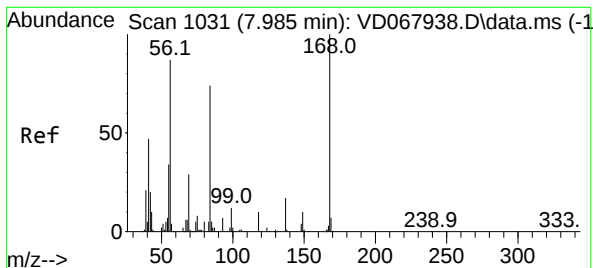
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

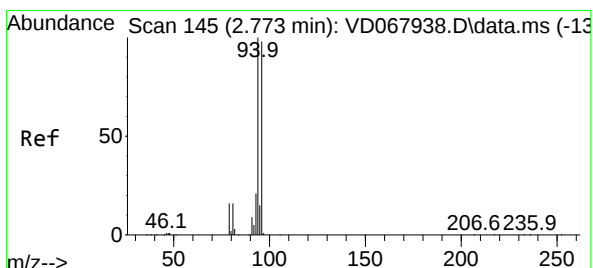
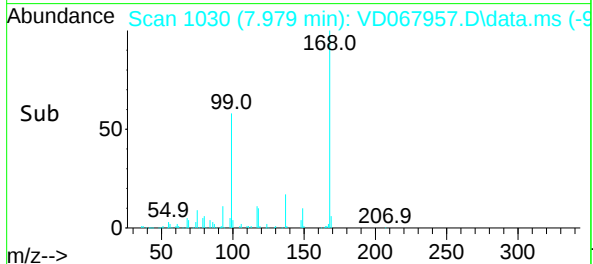
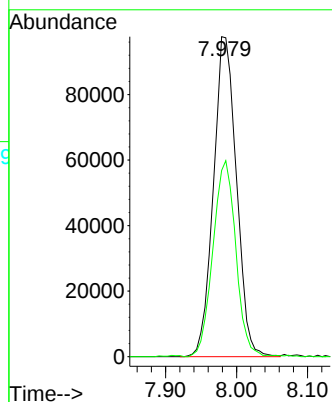
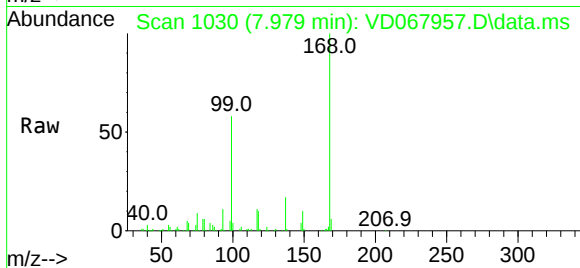




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

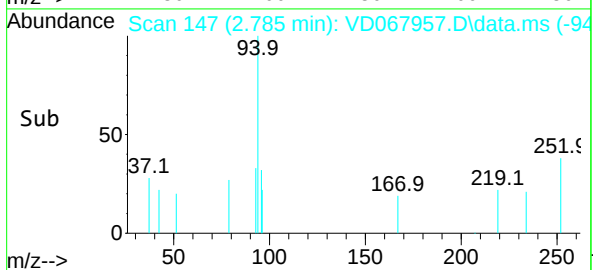
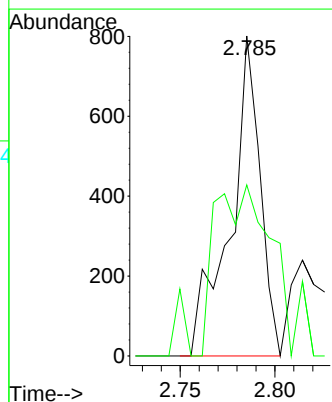
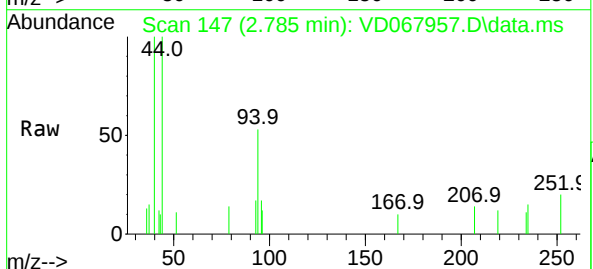
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 219664
Ion Ratio Lower Upper
168 100
99 57.9 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.012 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Tgt Ion: 94 Resp: 872
Ion Ratio Lower Upper
94 100
96 32.5 78.0 117.0#

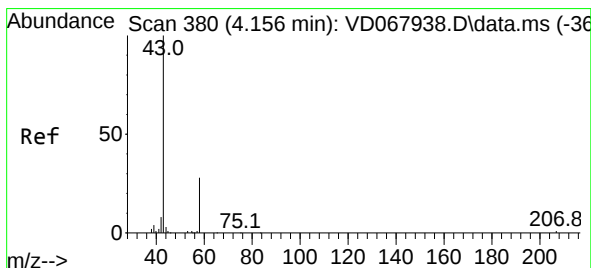
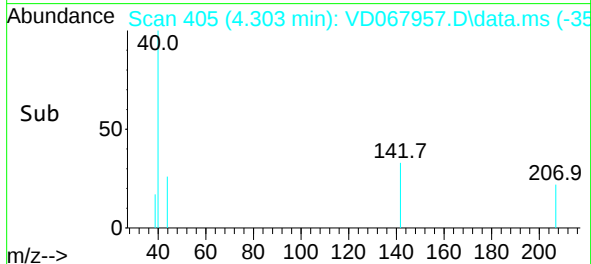
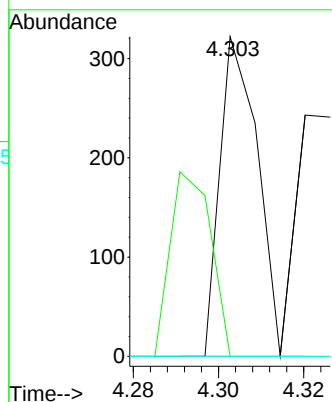
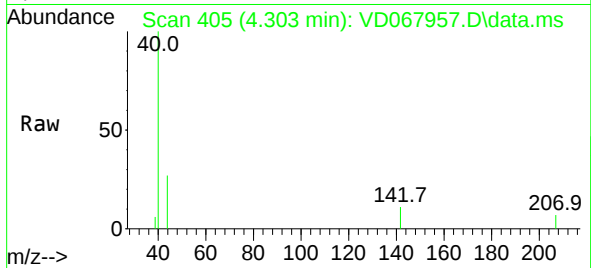




#10
Methyl Iodide
Concen: 3.92 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

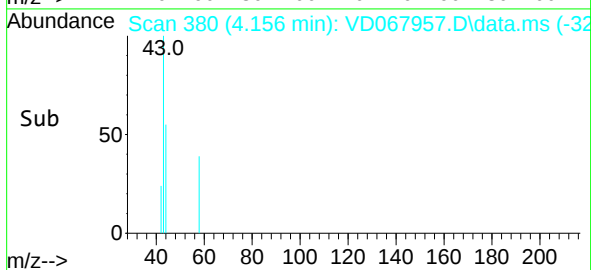
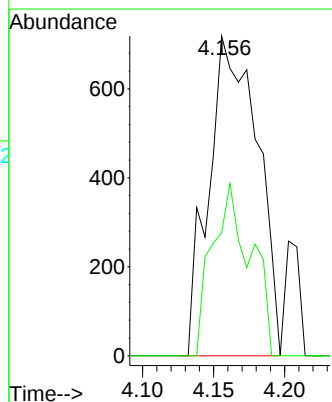
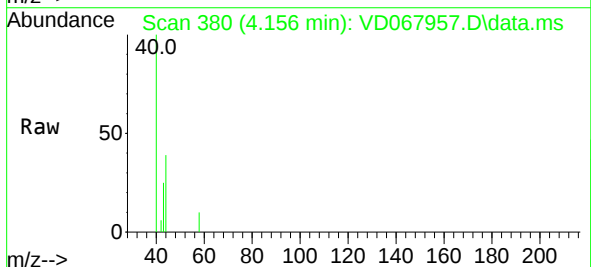
Instrument :
MSVOA_D
ClientSampleId :

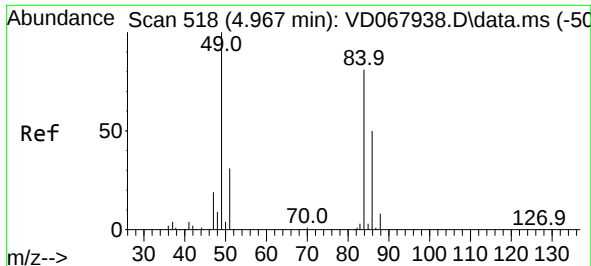
Tgt Ion:142 Resp: 196
Ion Ratio Lower Upper
142 100
127 62.8 34.4 51.6#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 3.78 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

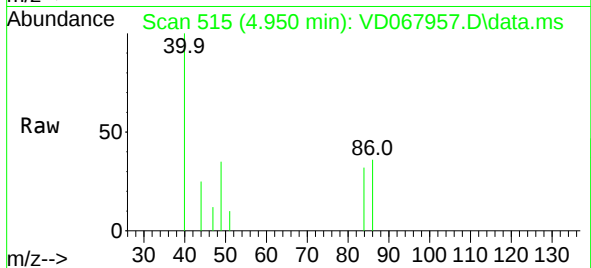
Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
58 38.5 22.3 33.5#



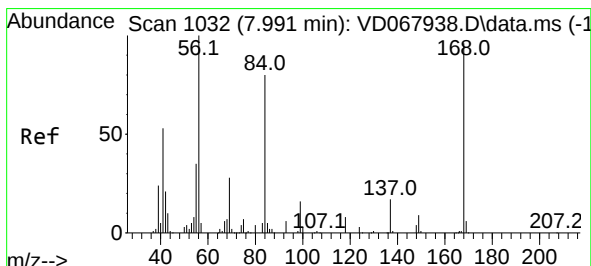
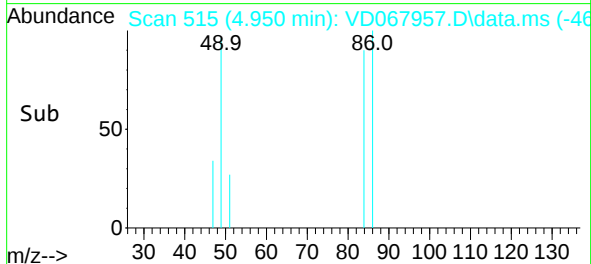
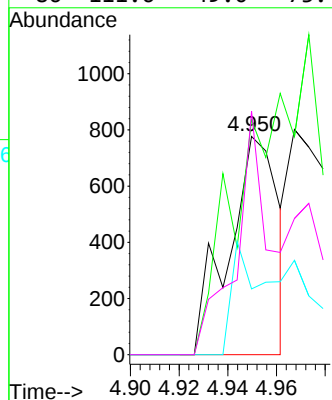


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.017 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Instrument :
MSVOA_D
ClientSampleId :

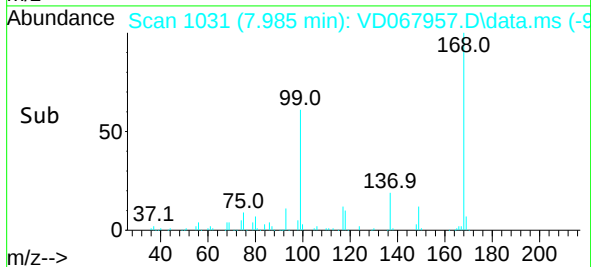
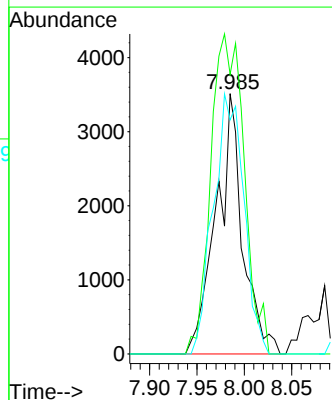
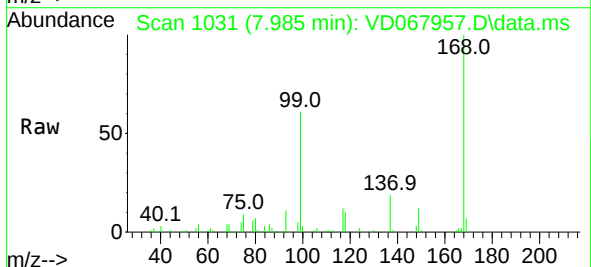


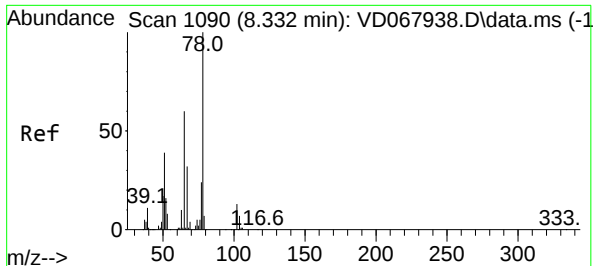
Tgt Ion:	84	Resp:	1099
Ion	Ratio	Lower	Upper
84	100		
49	107.6	98.3	147.5
51	30.1	30.3	45.5#
86	111.6	49.0	73.4#



#31
Cyclohexane
Concen: 1.41 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Tgt Ion:	56	Resp:	6819
Ion	Ratio	Lower	Upper
56	100		
69	107.4	22.7	34.1#
84	89.9	64.2	96.4

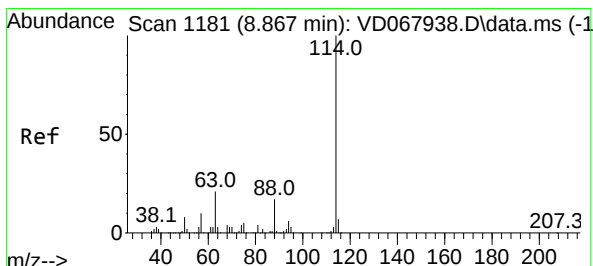
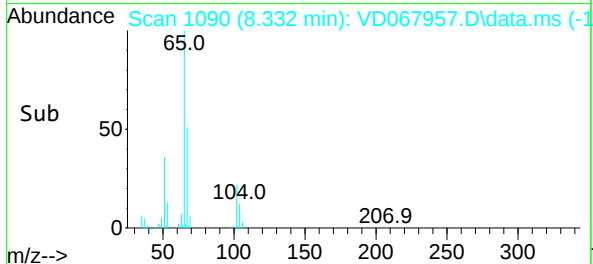
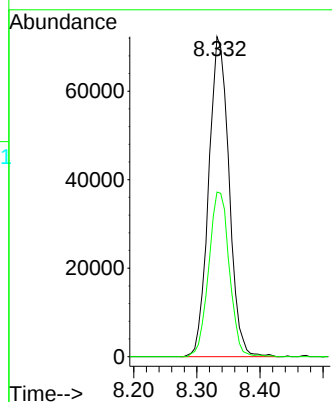
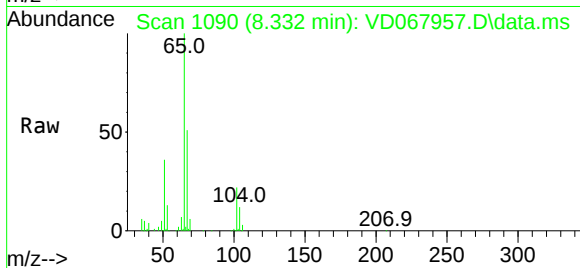




#33
1,2-Dichloroethane-d4
Concen: 68.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

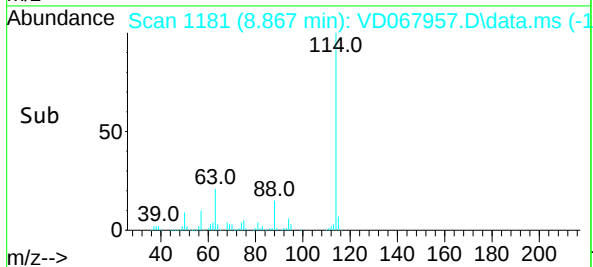
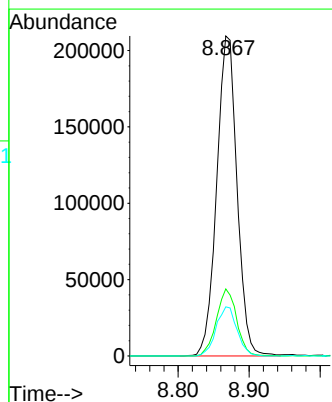
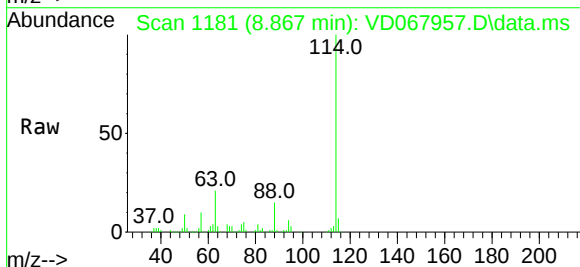
Instrument :
MSVOA_D
ClientSampleId :

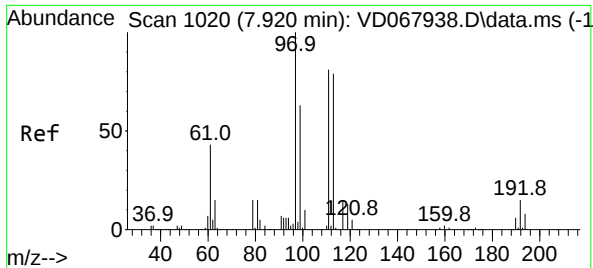
Tgt Ion: 65 Resp: 161717
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Tgt Ion: 114 Resp: 415399
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.4
88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 57.78 ug/l

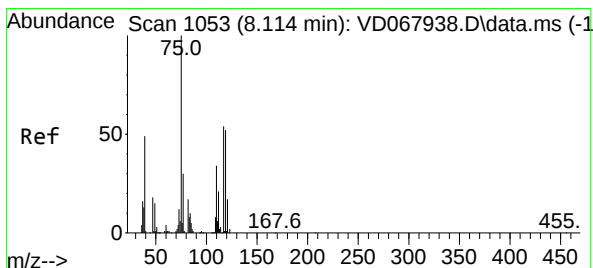
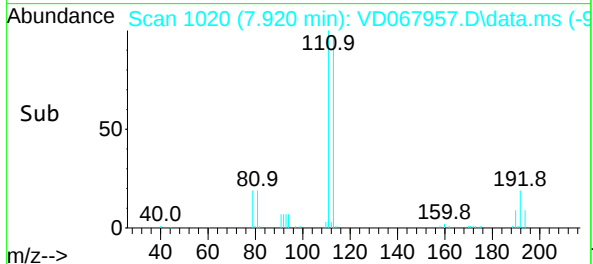
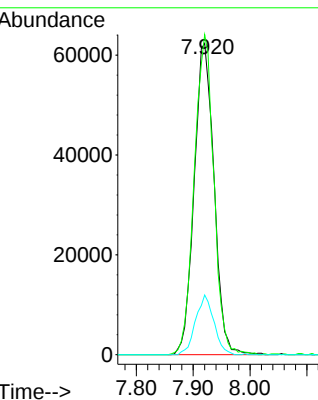
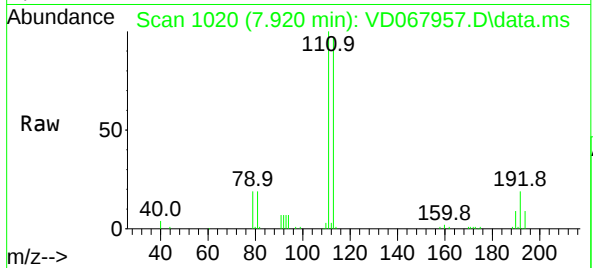
RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD067957.D

Acq: 28 Dec 2020 13:07

Tgt Ion:	113	Resp:	151224
Ion	Ratio	Lower	Upper
113	100		
111	101.2	79.3	118.9
192	17.7	14.5	21.7



#36

1,1-Dichloropropene

Concen: 4.63 ug/l

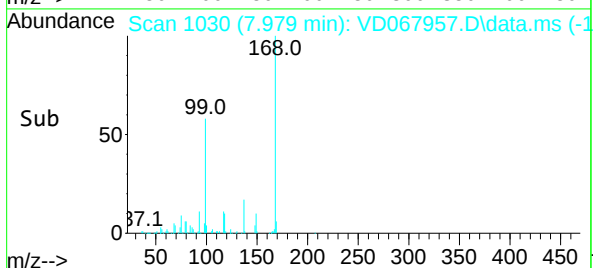
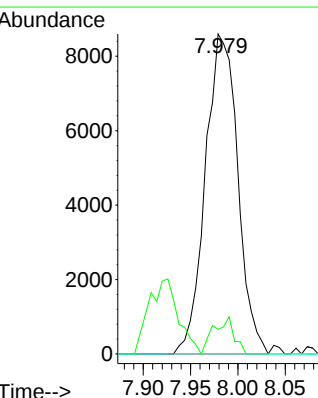
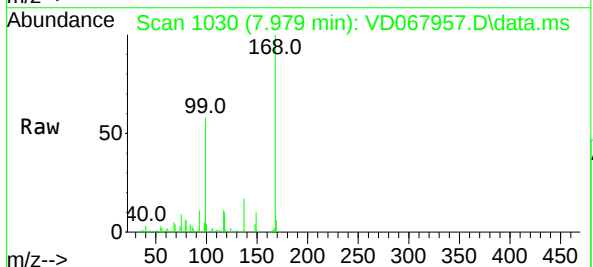
RT: 7.979 min Scan# 1030

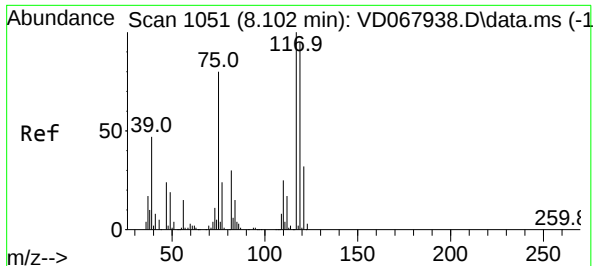
Delta R.T. -0.135 min

Lab File: VD067957.D

Acq: 28 Dec 2020 13:07

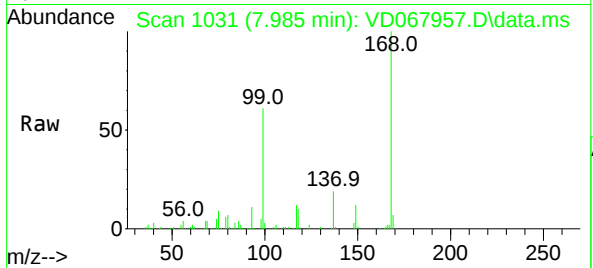
Tgt Ion:	75	Resp:	20464
Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.0	51.0#
77	0.0	24.6	37.0#



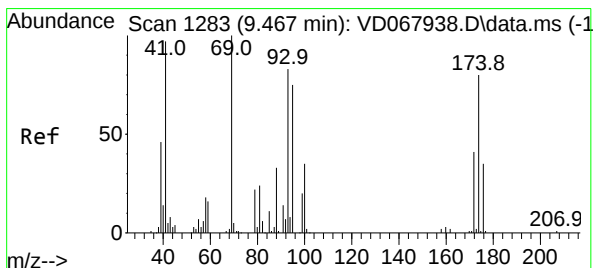
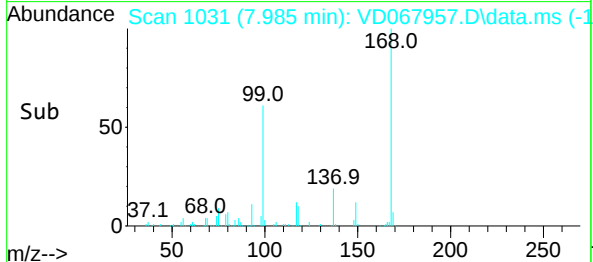
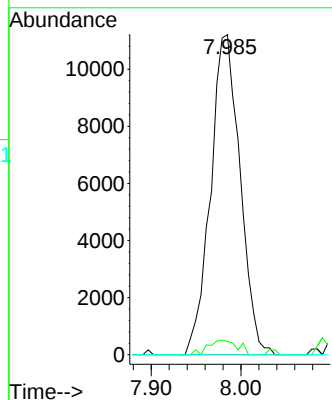


#38
Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Instrument :
MSVOA_D
ClientSampled :

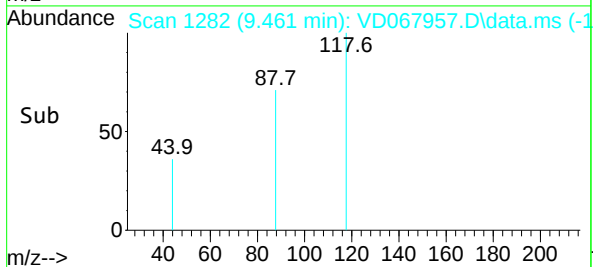
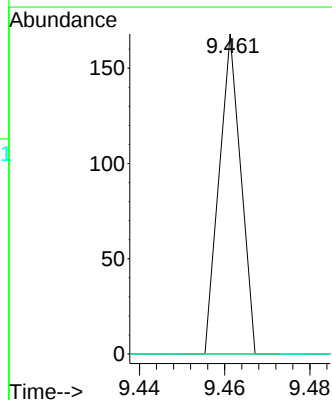
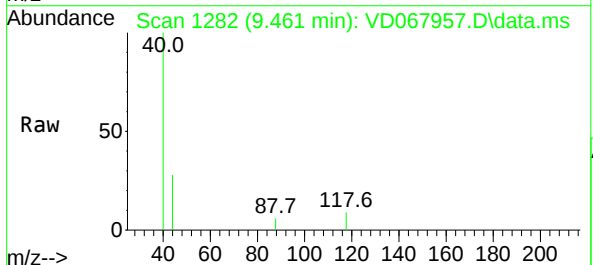


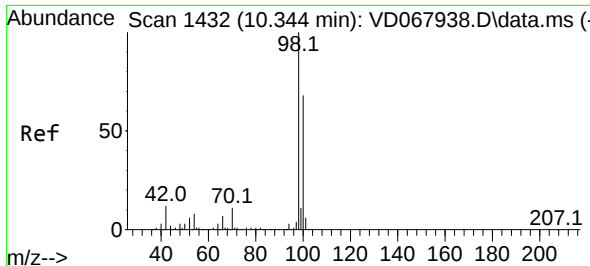
Tgt Ion: 117 Resp: 25606
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.4#
121 0.0 25.9 38.9#



#49
1,4-Dioxane
Concen: 3.41 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 27.3 40.9#
58 0.0 54.8 82.2#

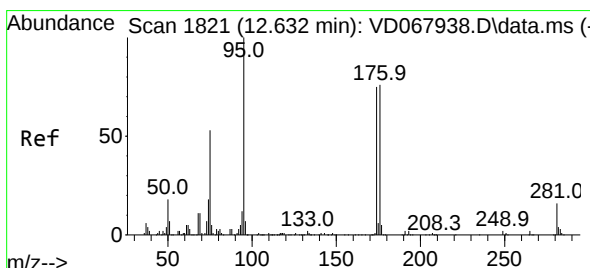
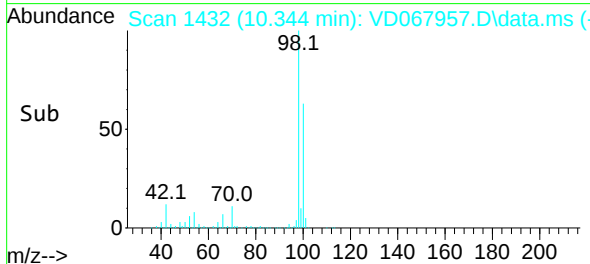
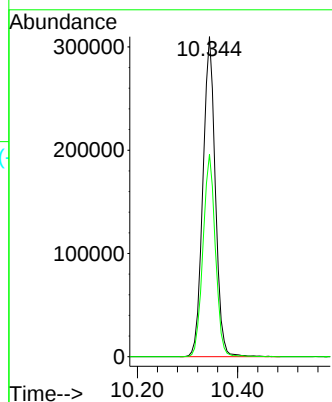
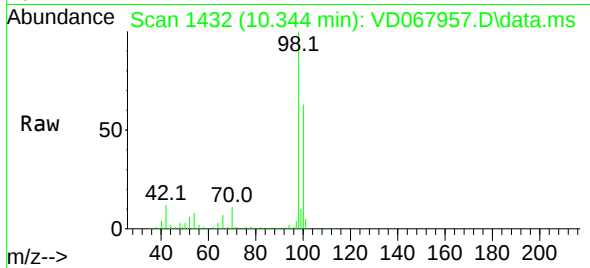




#50
Toluene-d8
Concen: 54.14 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

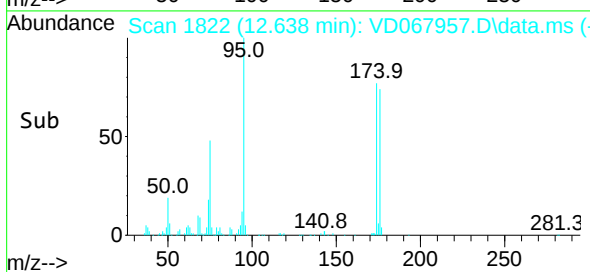
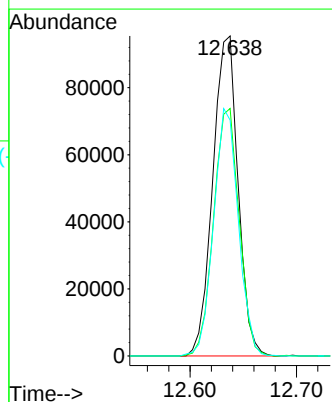
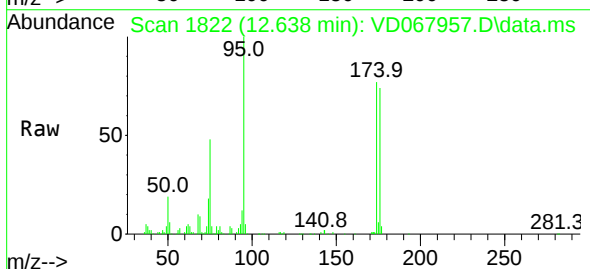
Instrument :
MSVOA_D
ClientSampleId :

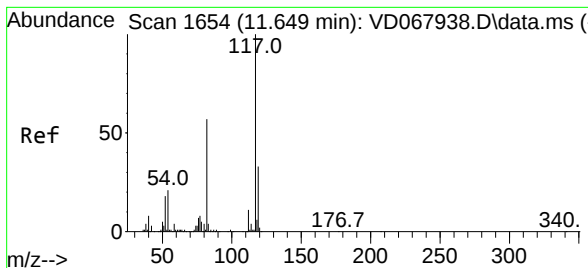
Tgt Ion: 98 Resp: 532669
Ion Ratio Lower Upper
98 100
100 63.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.66 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Tgt Ion: 95 Resp: 157013
Ion Ratio Lower Upper
95 100
174 78.1 0.0 150.6
176 75.6 0.0 151.2

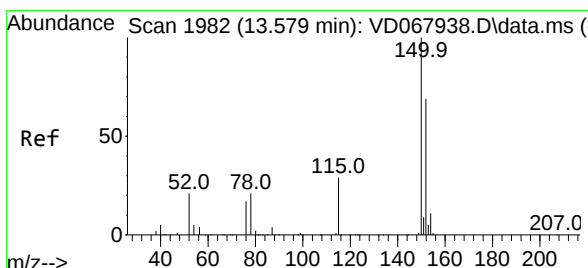
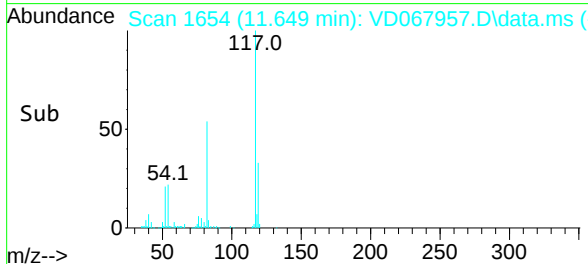
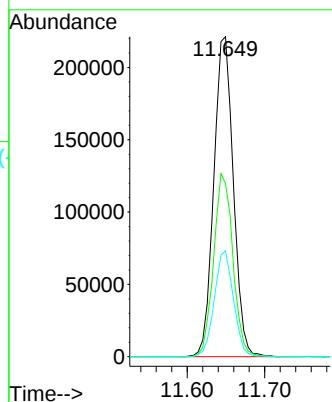
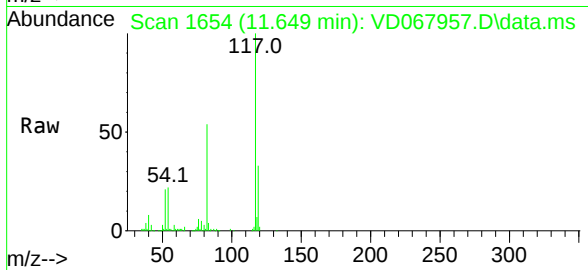




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

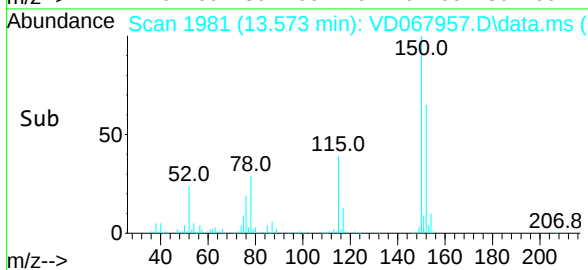
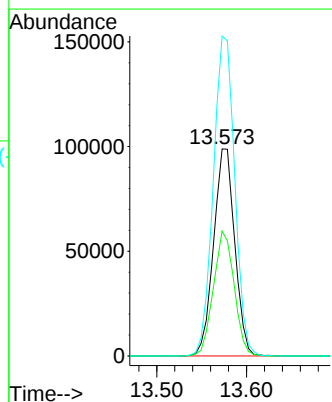
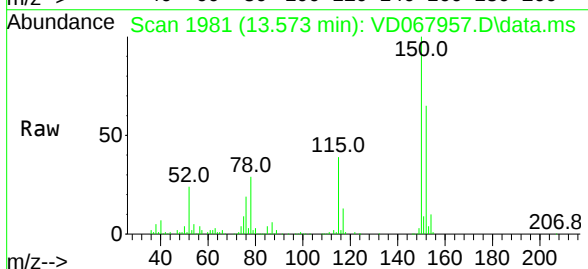
Instrument :
MSVOA_D
ClientSampleId :

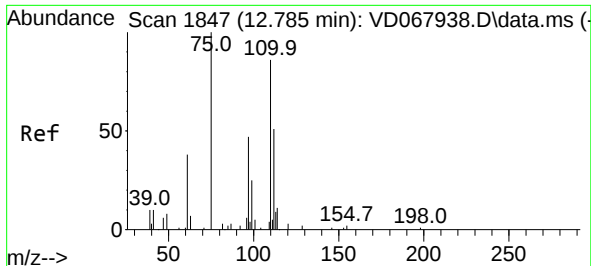
Tgt Ion:117 Resp: 387857
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 33.1 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Tgt Ion:152 Resp: 162145
Ion Ratio Lower Upper
152 100
115 59.1 29.3 88.0
150 156.1 0.0 340.0

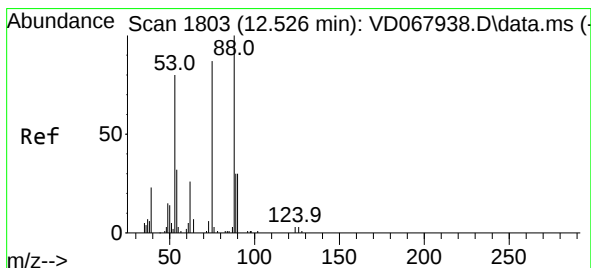
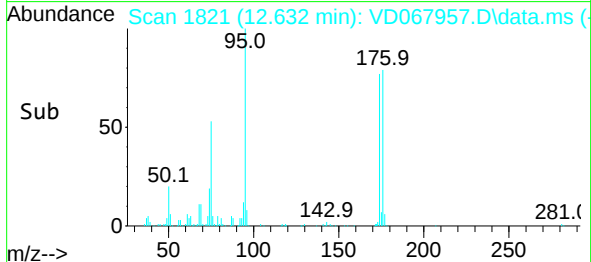
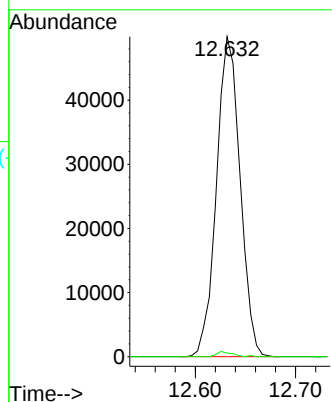
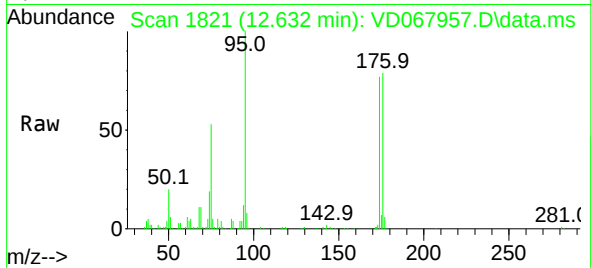




#76
1,2,3-Trichloropropane
Concen: 59.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 81542
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD067957.D
Acq: 28 Dec 2020 13:07

Tgt Ion: 75 Resp: 81542
Ion Ratio Lower Upper
75 100
53 0.1 74.9 112.3#
89 0.2 33.8 50.8#

