

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123020\
 Data File : VD067983.D
 Acq On : 30 Dec 2020 18:50
 Operator : VA/SY
 Sample : L5224-01RE
 Misc : 1.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 31 00:17:54 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

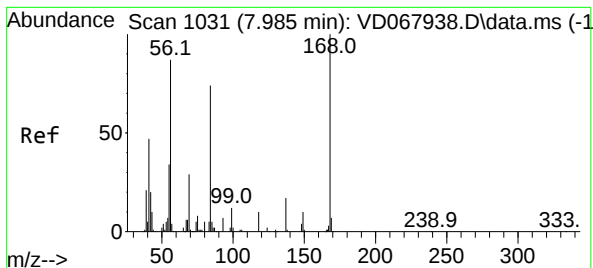
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	160677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	325725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	283772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	101087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	118016	68.02	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.04%			
35) Dibromofluoromethane	7.920	113	121942	59.42	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.84%			
50) Toluene-d8	10.344	98	402407	52.16	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.32%			
62) 4-Bromofluorobenzene	12.632	95	114249	43.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.60%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	396	Below Cal	#	40
11) Tert butyl alcohol	5.214	59	233	Below Cal	#	74
16) Acetone	4.162	43	10150	30.64	ug/l	96
20) Methylene Chloride	4.967	84	13375	Below Cal	#	86
31) Cyclohexane	7.979	56	4256	1.20	ug/l	30
36) 1,1-Dichloropropene	7.973	75	15175	4.38	ug/l	52
38) Carbon Tetrachloride	7.979	117	17168	5.19	ug/l	17
51) 4-Methyl-2-Pentanone	10.232	43	3765	2.83	ug/l	90
52) Toluene	10.402	92	202751	32.70	ug/l	98
67) Ethyl Benzene	11.749	91	21442	1.96	ug/l	87
68) m/p-Xylenes	11.855	106	42747	10.27	ug/l	96
69) o-Xylene	12.179	106	15982	4.29	ug/l	93
76) 1,2,3-Trichloropropane	12.632	75	59354	69.74	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.632	75	59354	142.95	ug/l	13

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

Quant Time: Dec 31 00:17:54 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

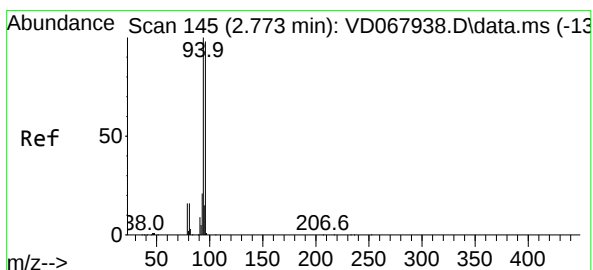
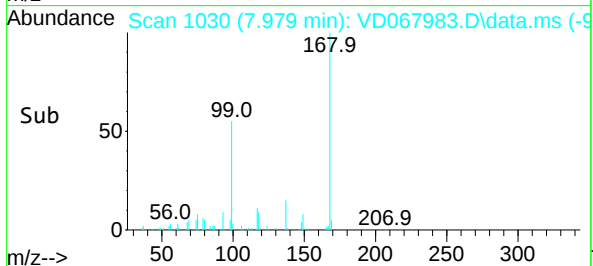
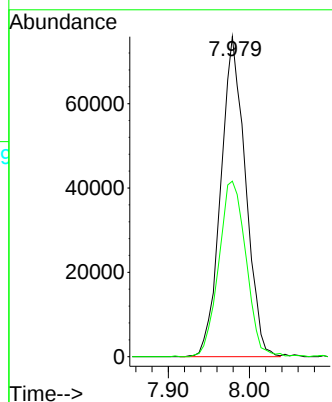
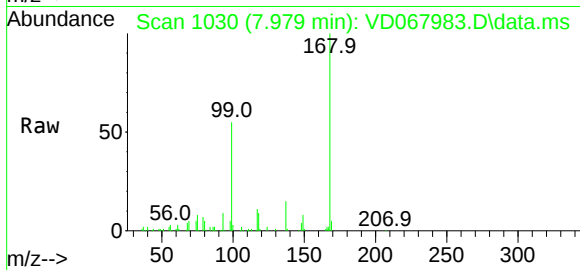




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

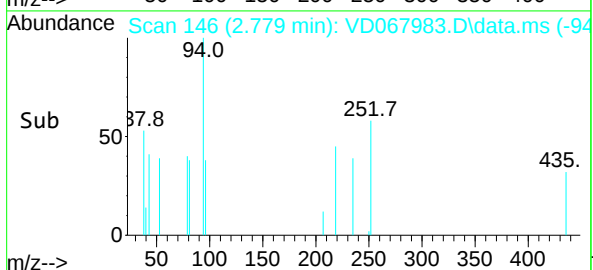
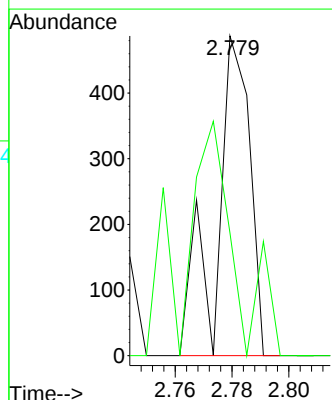
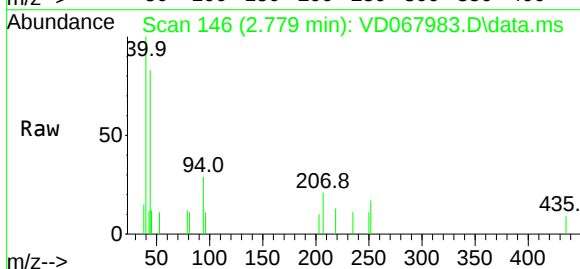
Instrument :
MSVOA_D
ClientSampled :

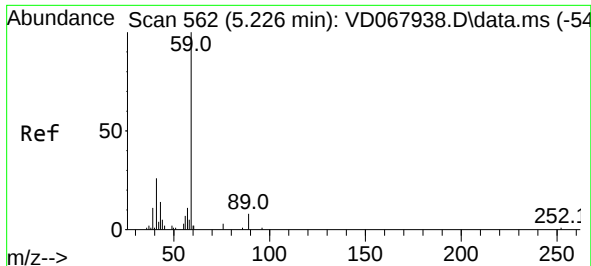
Tgt Ion:168 Resp: 160677
Ion Ratio Lower Upper
168 100
99 54.8 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Tgt Ion: 94 Resp: 396
Ion Ratio Lower Upper
94 100
96 38.4 78.0 117.0#



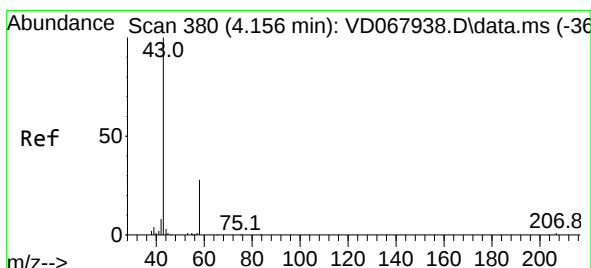
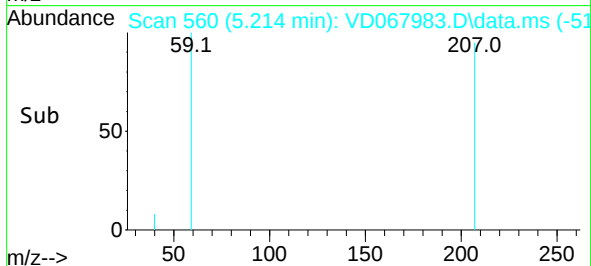
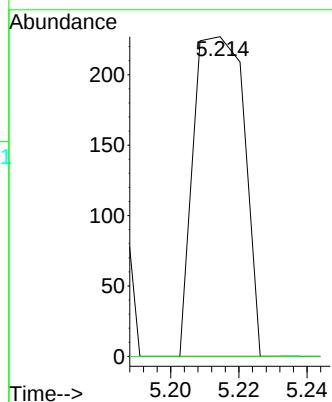
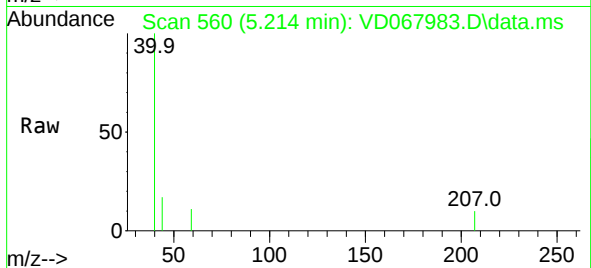


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Instrument :
MSVOA_D
ClientSampleId :

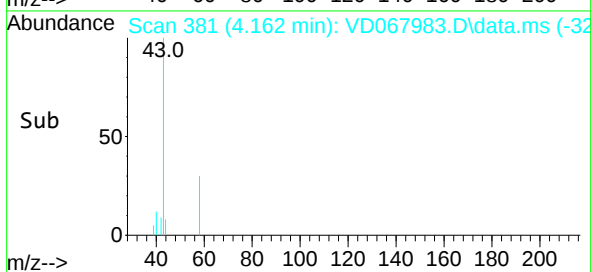
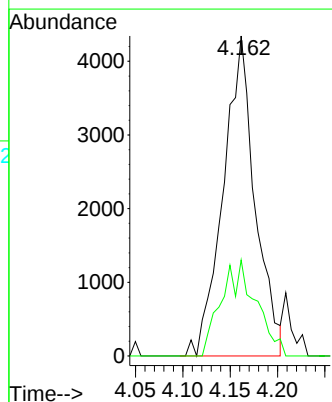
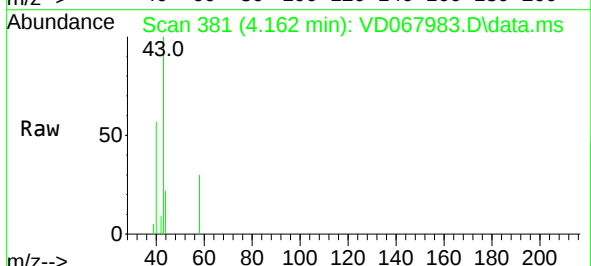
Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

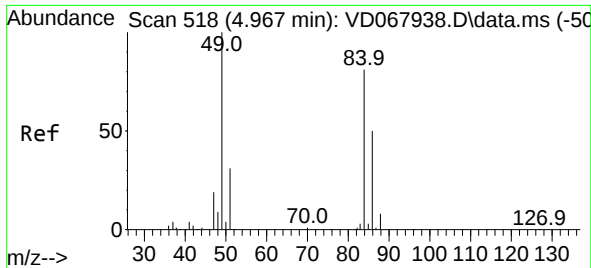


#16

Acetone
Concen: 30.64 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Tgt Ion: 43 Resp: 10150
Ion Ratio Lower Upper
43 100
58 30.0 22.3 33.5

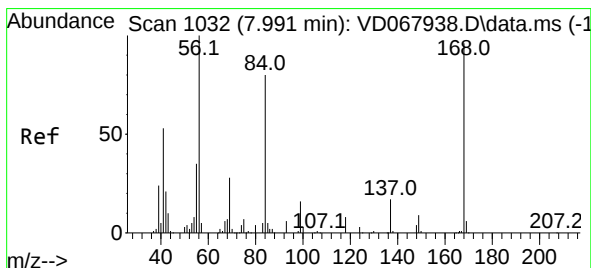
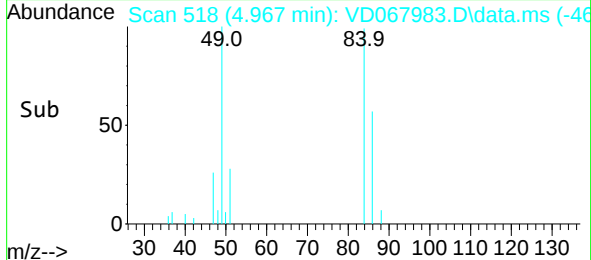
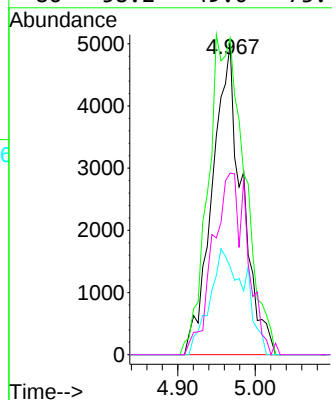
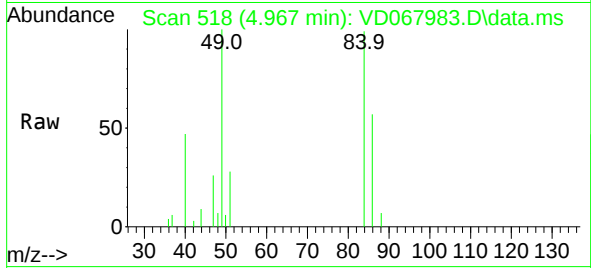




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

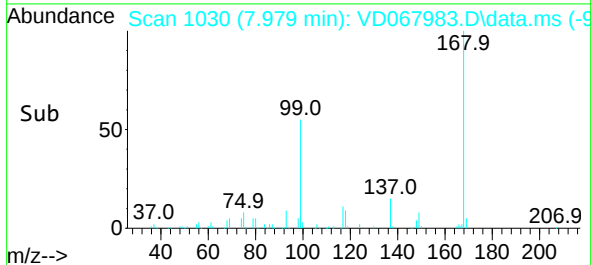
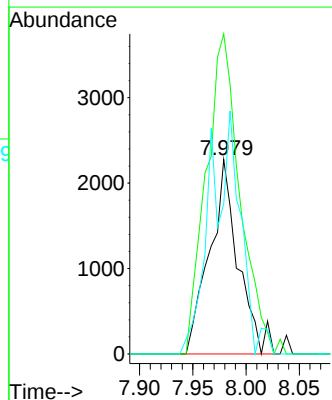
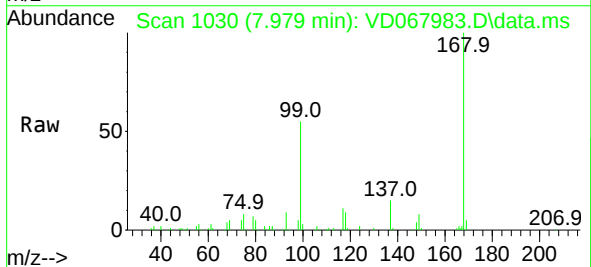
Instrument :
MSVOA_D
ClientSampled :

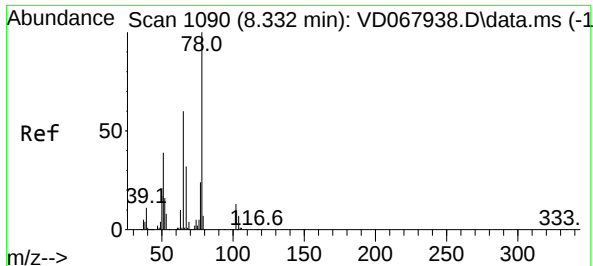
Tgt Ion:	84	Resp:	13375
Ion	Ratio	Lower	Upper
84	100		
49	101.5	98.3	147.5
51	28.2	30.3	45.5#
86	58.2	49.0	73.4



#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Tgt Ion:	56	Resp:	4256
Ion	Ratio	Lower	Upper
56	100		
69	164.7	22.7	34.1#
84	77.2	64.2	96.4

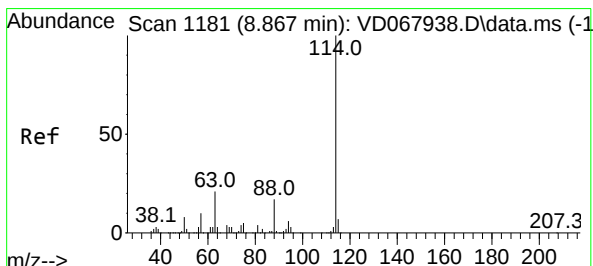
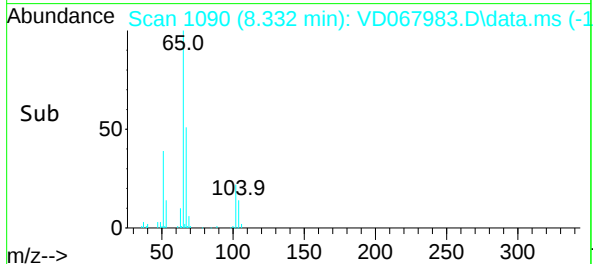
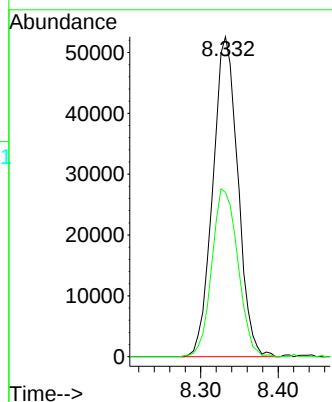
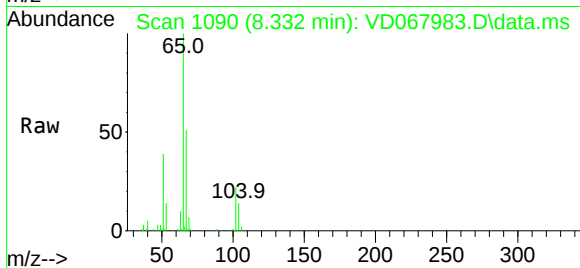




#33
1,2-Dichloroethane-d4
Concen: 68.02 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

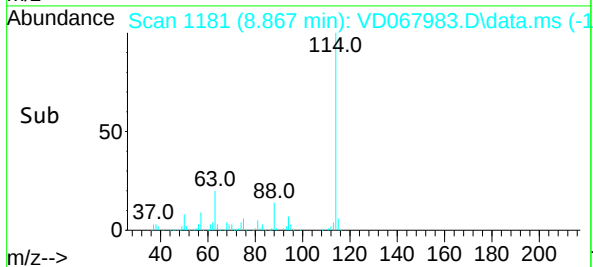
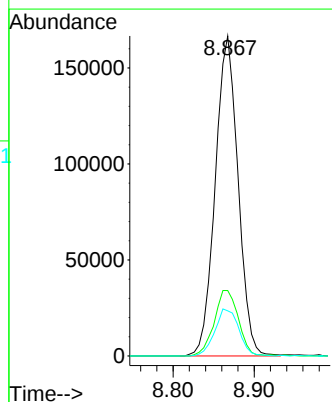
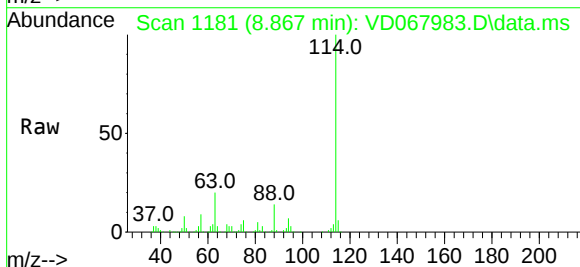
Instrument :
MSVOA_D
ClientSampled :

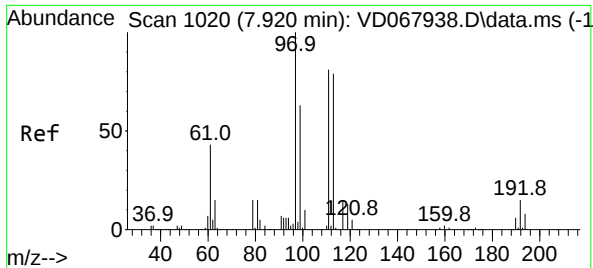
Tgt Ion: 65 Resp: 118016
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Tgt Ion: 114 Resp: 325725
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.4
88 14.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 59.42 ug/l

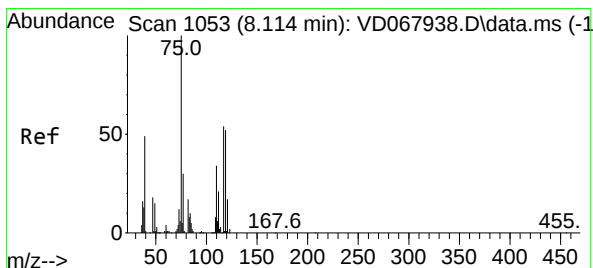
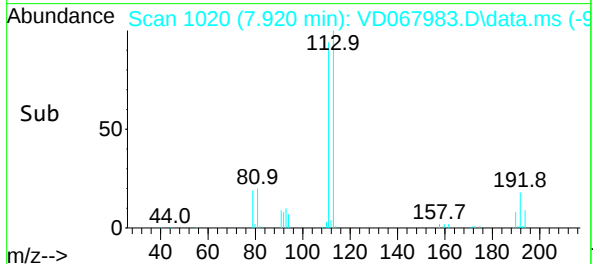
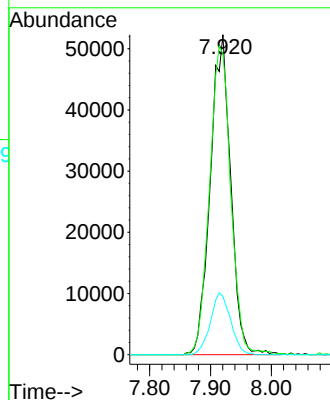
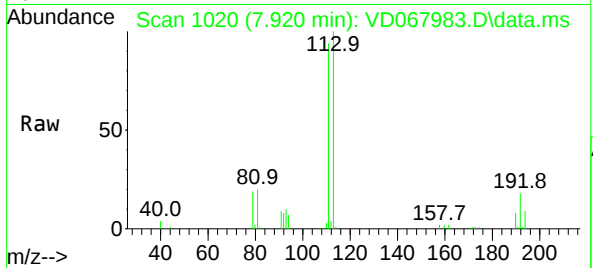
RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD067983.D

Acq: 30 Dec 2020 18:50

Tgt Ion:	113	Resp:	121942
Ion	Ratio	Lower	Upper
113	100		
111	100.4	79.3	118.9
192	19.1	14.5	21.7



#36

1,1-Dichloropropene

Concen: 4.38 ug/l

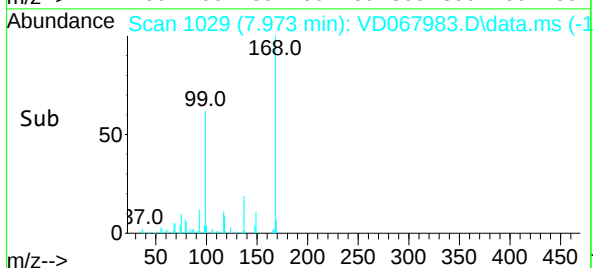
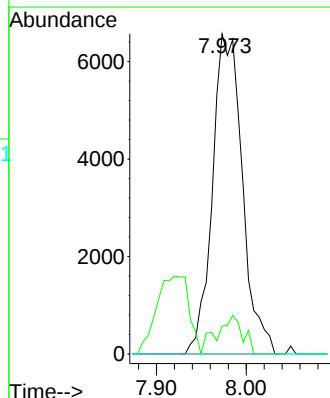
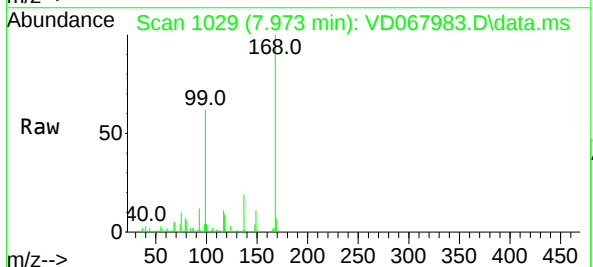
RT: 7.973 min Scan# 1029

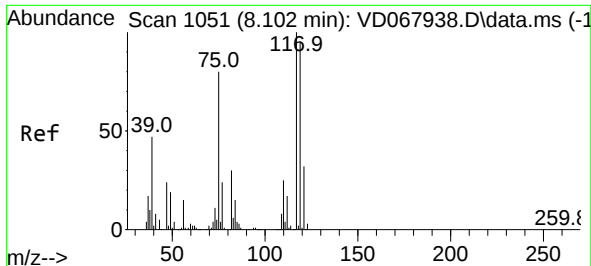
Delta R.T. -0.141 min

Lab File: VD067983.D

Acq: 30 Dec 2020 18:50

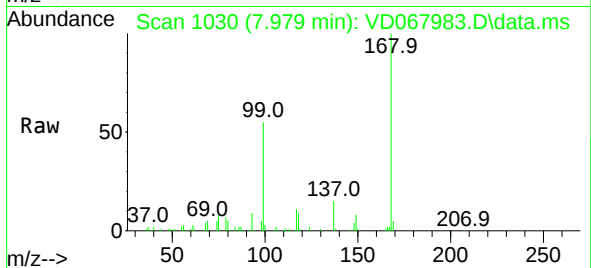
Tgt Ion:	75	Resp:	15175
Ion	Ratio	Lower	Upper
75	100		
110	10.4	17.0	51.0#
77	0.0	24.6	37.0#



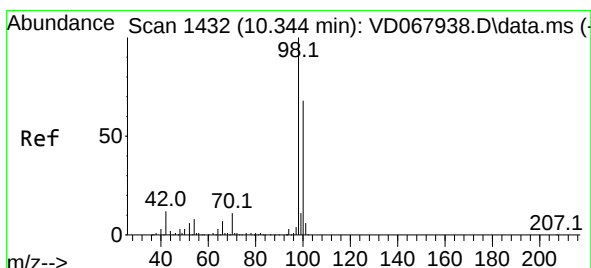
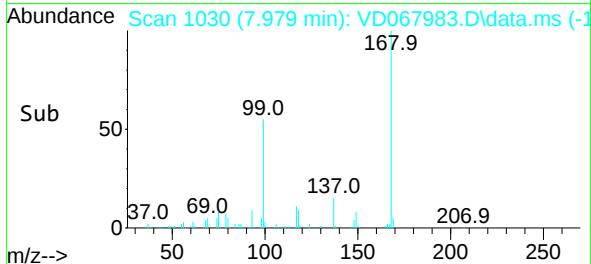
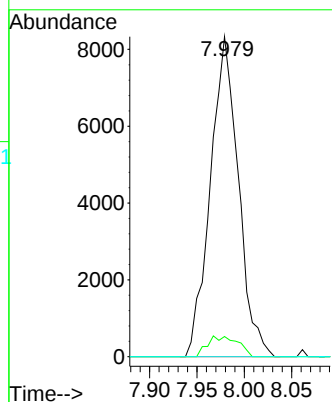


#38
Carbon Tetrachloride
Concen: 5.19 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Instrument :
MSVOA_D
ClientSampleId :

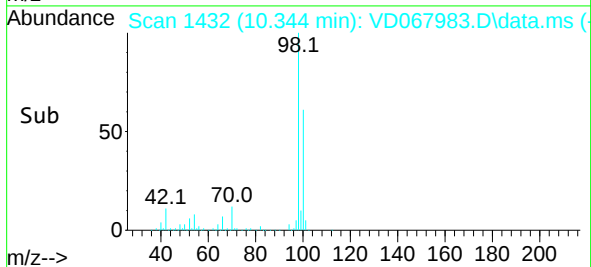
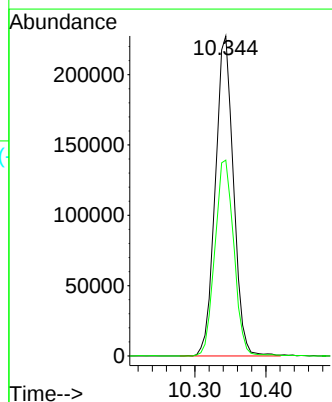
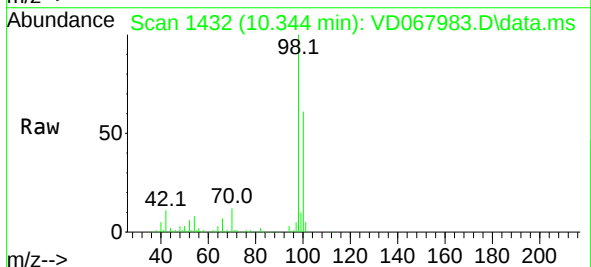


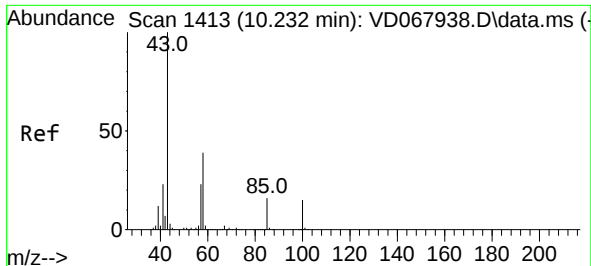
Tgt Ion:117 Resp: 17168
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.4#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 52.16 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Tgt Ion: 98 Resp: 402407
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7

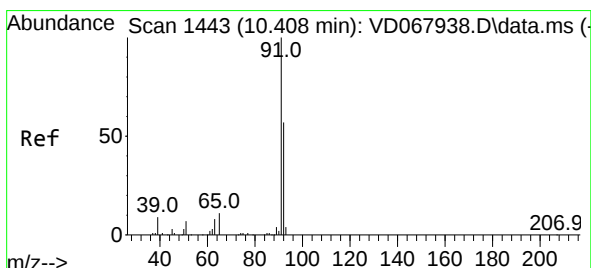
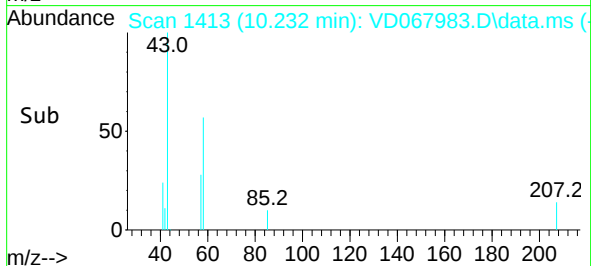
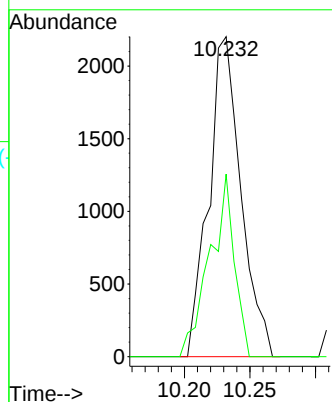
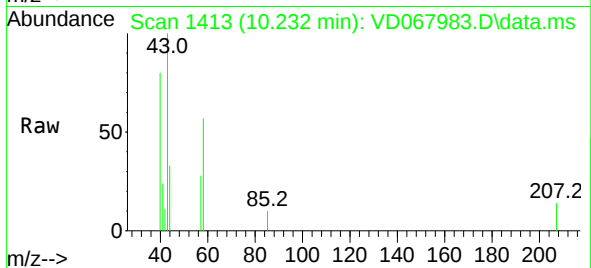




#51
4-Methyl-2-Pentanone
Concen: 2.83 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

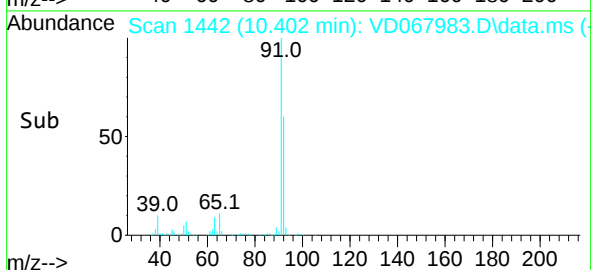
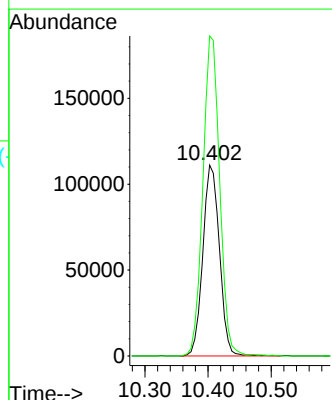
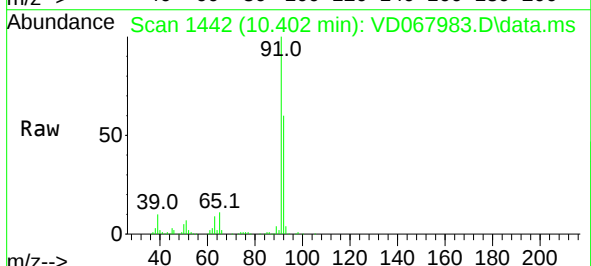
Instrument :
MSVOA_D
ClientSampled :

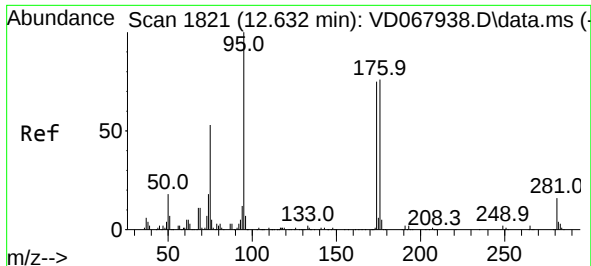
Tgt Ion: 43 Resp: 3765
Ion Ratio Lower Upper
43 100
58 43.5 30.0 45.0



#52
Toluene
Concen: 32.70 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Tgt Ion: 92 Resp: 202751
Ion Ratio Lower Upper
92 100
91 169.8 138.5 207.7

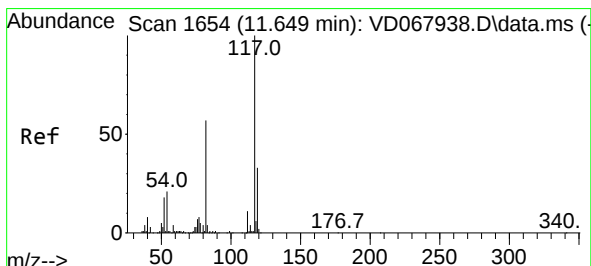
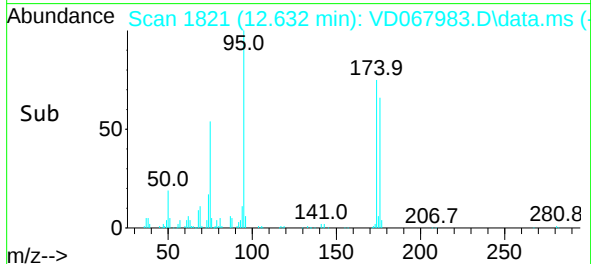
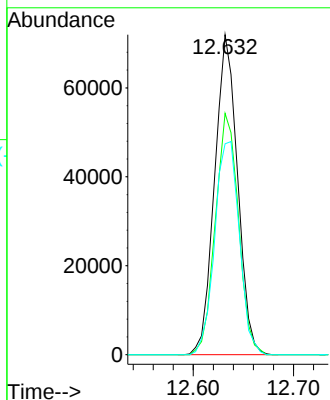
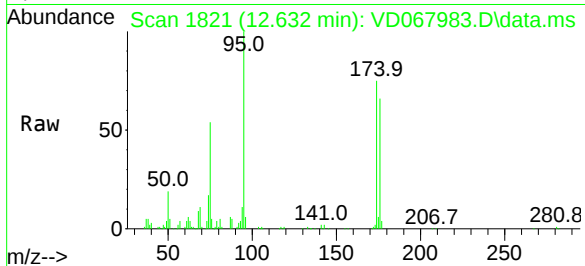




#62
4-Bromofluorobenzene
Concen: 43.30 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

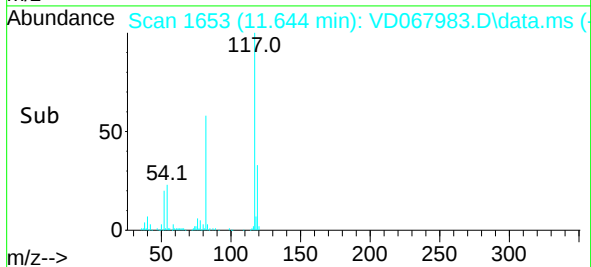
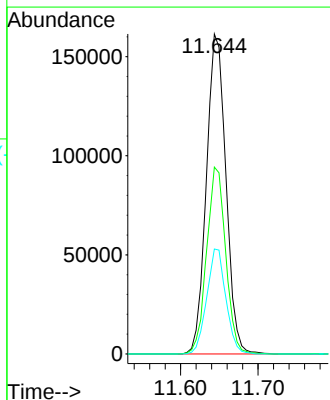
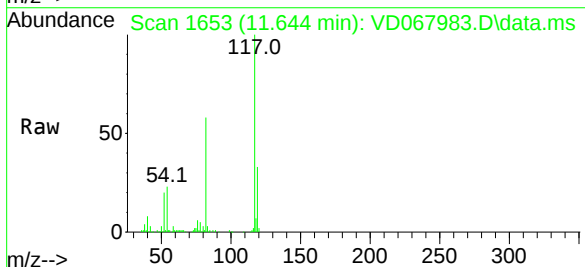
Instrument :
MSVOA_D
ClientSampleId :

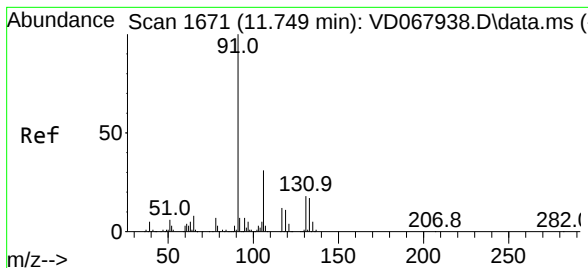
Tgt Ion: 95 Resp: 114249
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.6
176 71.6 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Tgt Ion:117 Resp: 283772
Ion Ratio Lower Upper
117 100
82 58.4 45.4 68.0
119 32.8 26.7 40.1

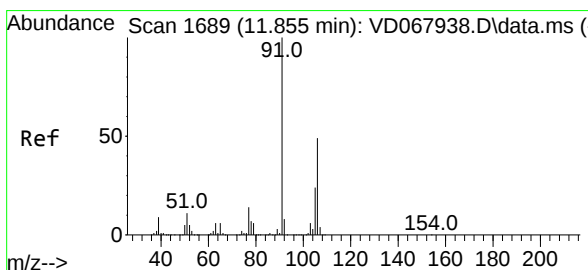
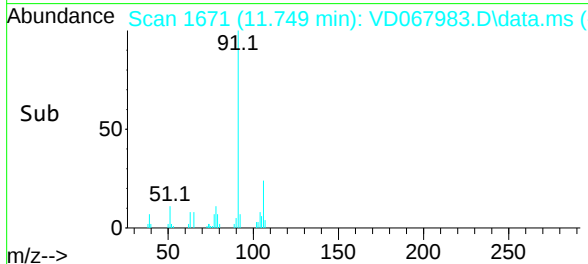
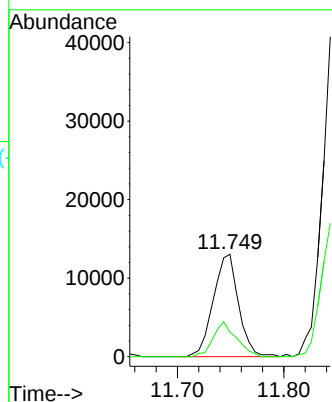
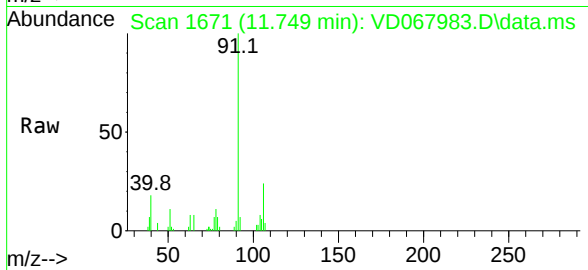




#67
Ethyl Benzene
Concen: 1.96 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

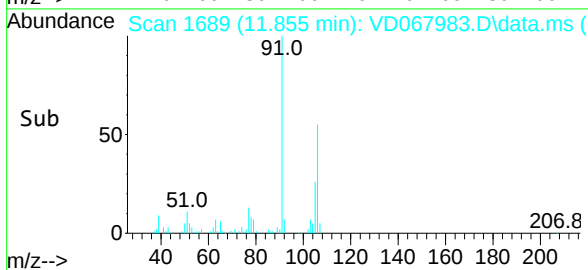
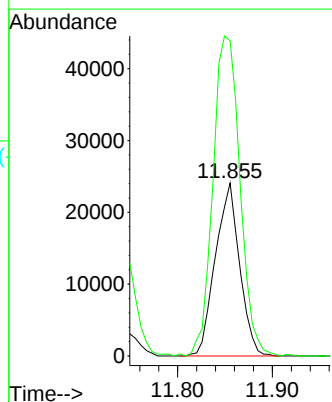
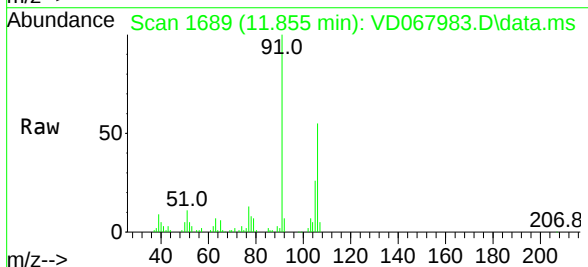
Instrument :
MSVOA_D
ClientSampled :

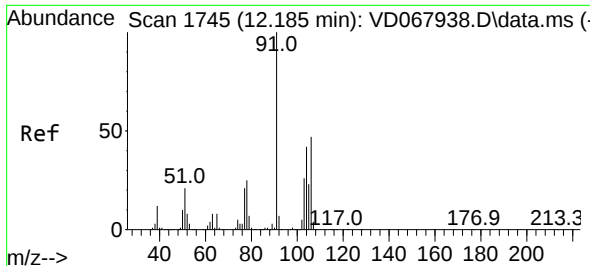
Tgt Ion: 91 Resp: 21442
Ion Ratio Lower Upper
91 100
106 23.8 24.6 37.0#



#68
m/p-Xylenes
Concen: 10.27 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Tgt Ion:106 Resp: 42747
Ion Ratio Lower Upper
106 100
91 206.4 159.9 239.9

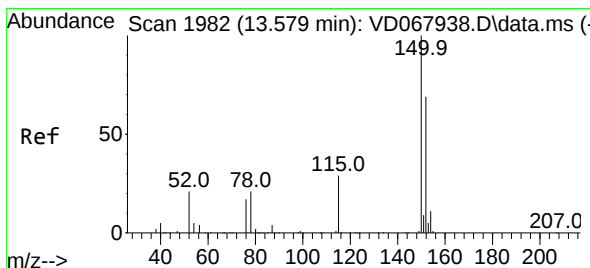
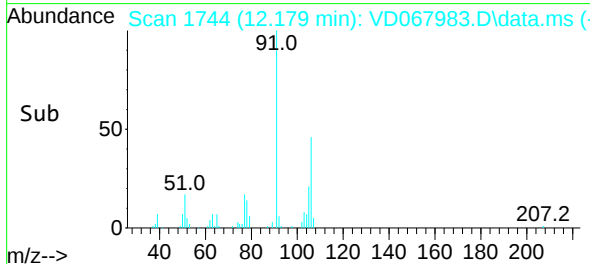
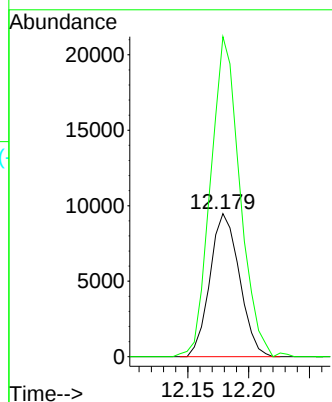
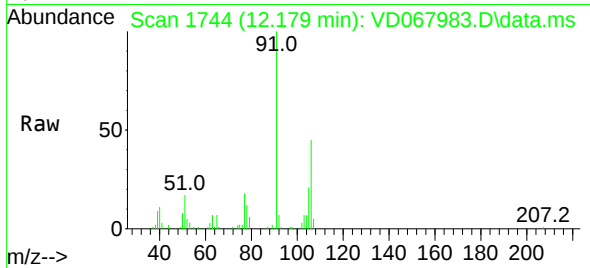




#69
o-Xylene
Concen: 4.29 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

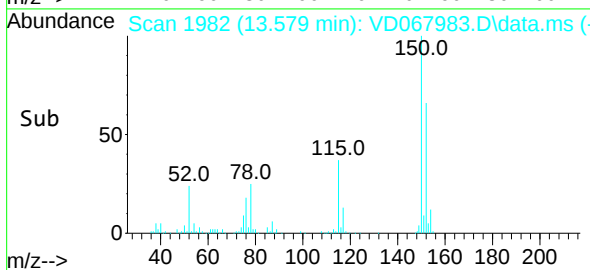
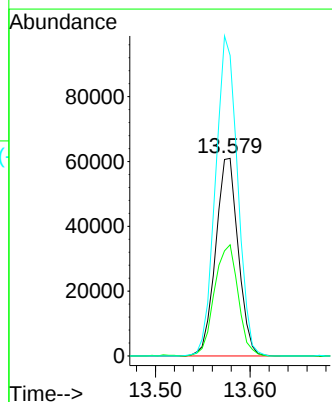
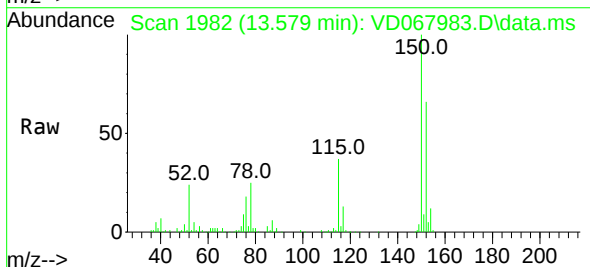
Instrument :
MSVOA_D
ClientSampled :

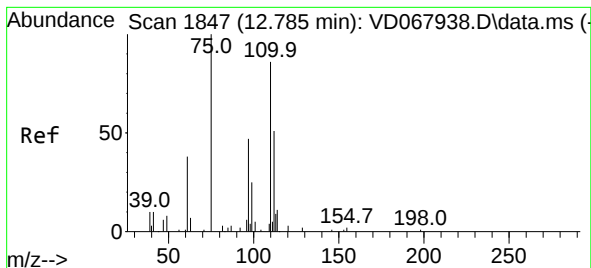
Tgt Ion:106 Resp: 15982
Ion Ratio Lower Upper
106 100
91 222.8 106.0 317.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Tgt Ion:152 Resp: 101087
Ion Ratio Lower Upper
152 100
115 58.9 29.3 88.0
150 158.3 0.0 340.0

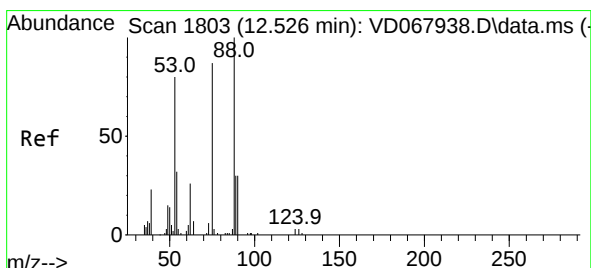
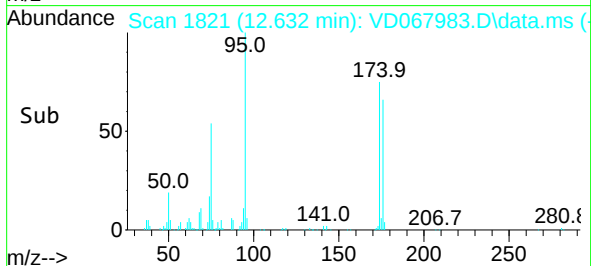
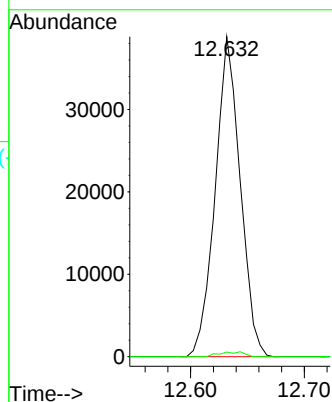
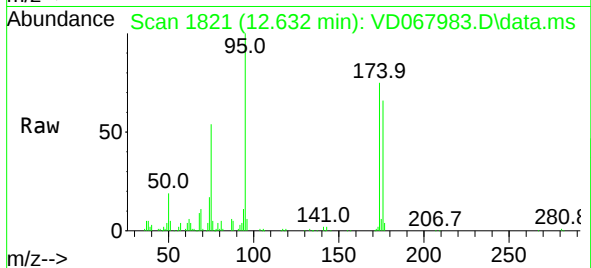




#76
1,2,3-Trichloropropane
Concen: 69.74 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 59354
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.95 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD067983.D
Acq: 30 Dec 2020 18:50

Tgt Ion: 75 Resp: 59354
Ion Ratio Lower Upper
75 100
53 0.4 74.9 112.3#
89 0.0 33.8 50.8#

