

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068037.D
 Acq On : 07 Jan 2021 16:34
 Operator : VA/SY
 Sample : M1044-12
 Misc : 5.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11

Quant Time: Jan 08 00:16:17 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)

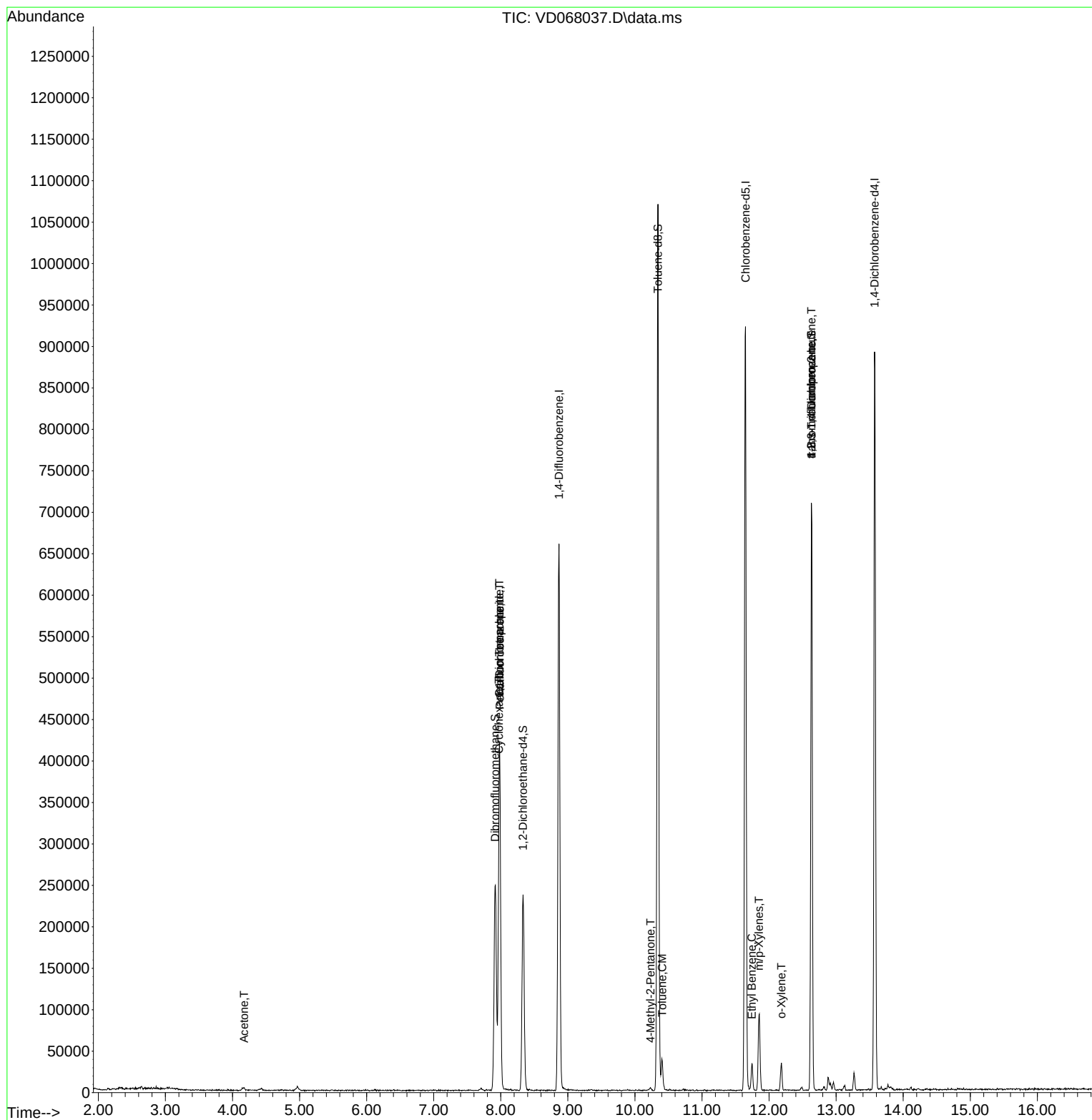
Internal Standards						
1) Pentafluorobenzene	7.985	168	296193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	562667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	541420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	235898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	187848	58.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.46%	
35) Dibromofluoromethane	7.914	113	188232	53.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.18%	
50) Toluene-d8	10.344	98	700896	52.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.20%	
62) 4-Bromofluorobenzene	12.632	95	241132	52.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.80%	
Target Compounds						
						Qvalue
5) Bromomethane	2.785	94	224	Below Cal		89
11) Tert butyl alcohol	5.203	59	67	Below Cal	#	74
16) Acetone	4.173	43	6476	10.60	ug/l #	82
20) Methylene Chloride	4.973	84	3116	Below Cal	#	70
31) Cyclohexane	7.973	56	7328	1.12	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	26934	4.50	ug/l #	50
38) Carbon Tetrachloride	7.979	117	31254	5.47	ug/l #	16
51) 4-Methyl-2-Pentanone	10.232	43	2689	1.17	ug/l	96
52) Toluene	10.408	92	13512	1.26	ug/l	99
67) Ethyl Benzene	11.743	91	22247	1.07	ug/l	95
68) m/p-Xylenes	11.849	106	29585	3.73	ug/l	96
69) o-Xylene	12.185	106	8973	1.26	ug/l	100
76) 1,2,3-Trichloropropane	12.632	75	123174	62.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	123174	127.12	ug/l #	12

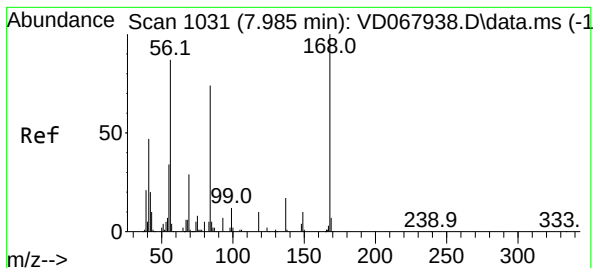
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
Data File : VD068037.D
Acq On : 07 Jan 2021 16:34
Operator : VA/SY
Sample : M1044-12
Misc : 5.77G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-11

Quant Time: Jan 08 00:16:17 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

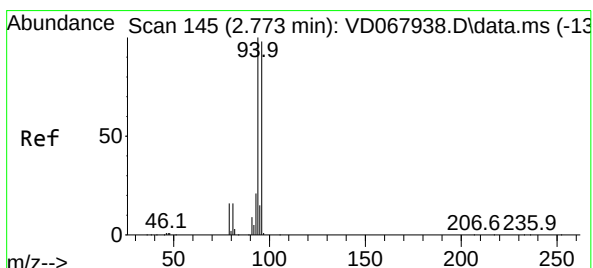
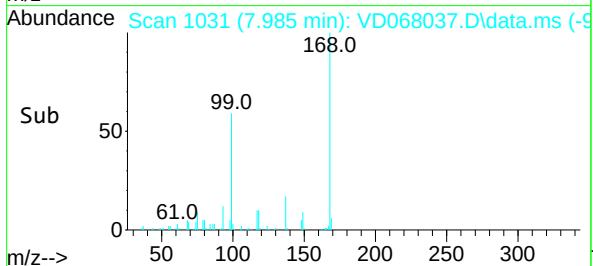
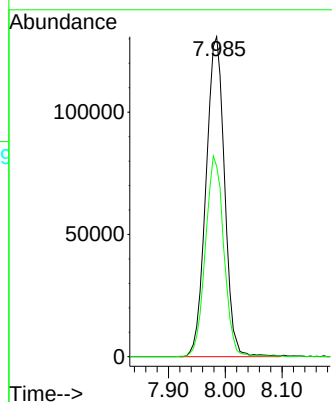
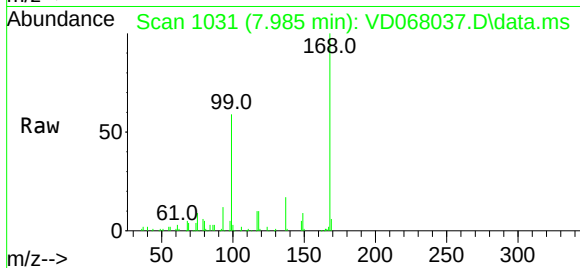




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

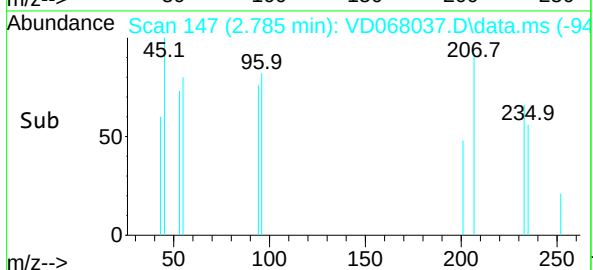
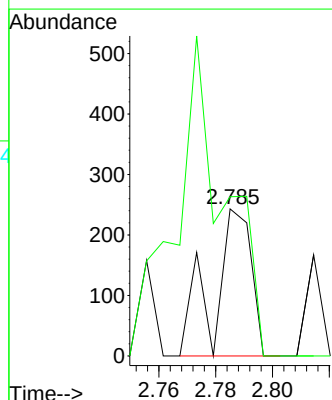
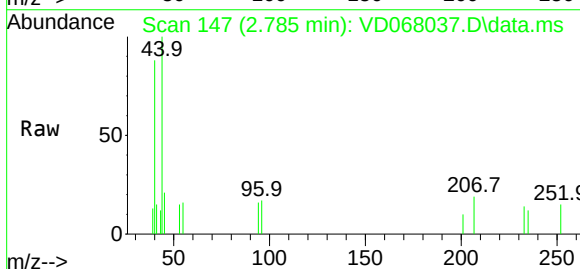
Instrument :
MSVOA_D
ClientSampled :
TP-11

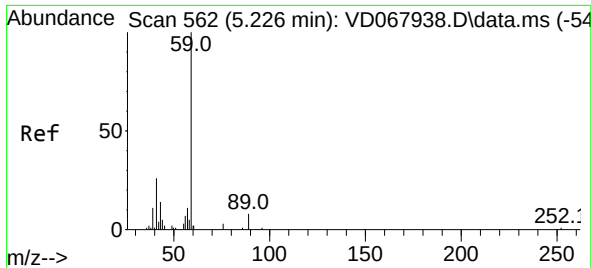
Tgt Ion:168 Resp: 296193
Ion Ratio Lower Upper
168 100
99 59.3 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.012 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion: 94 Resp: 224
Ion Ratio Lower Upper
94 100
96 108.2 78.0 117.0

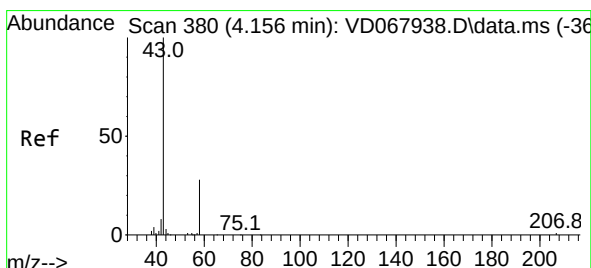
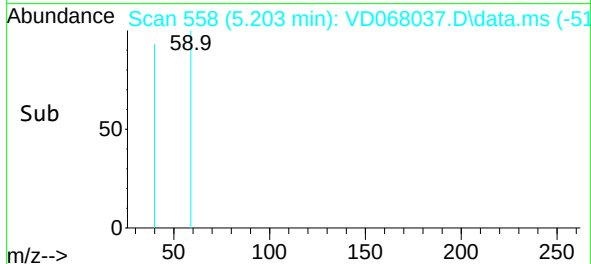
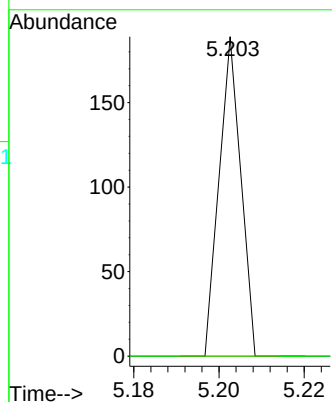
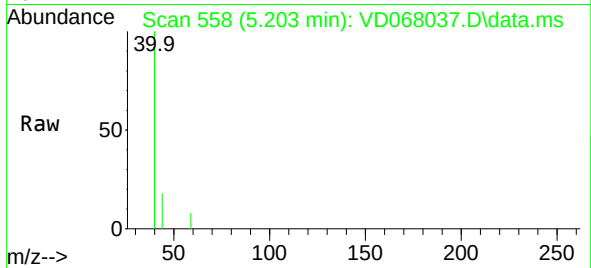




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.023 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

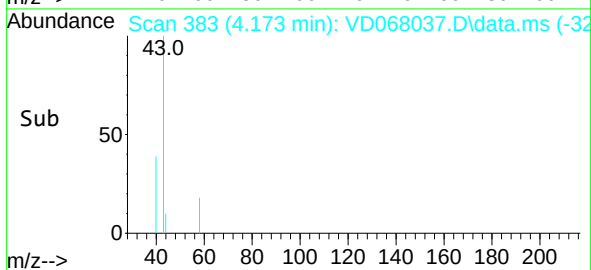
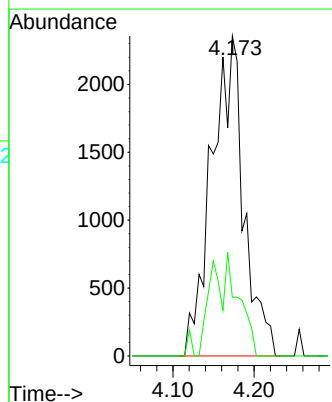
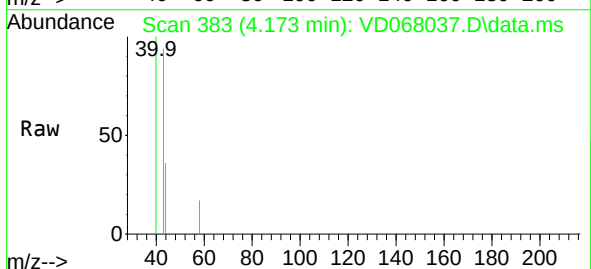
Instrument :
MSVOA_D
ClientSampleId :
TP-11

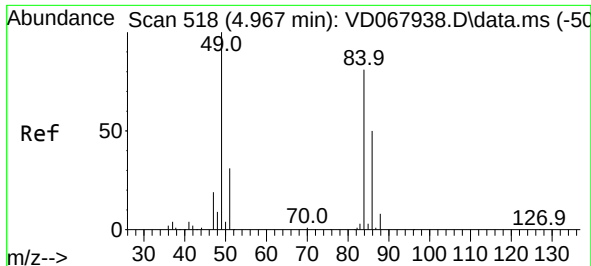
Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 10.60 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion: 43 Resp: 6476
Ion Ratio Lower Upper
43 100
58 18.3 22.3 33.5#

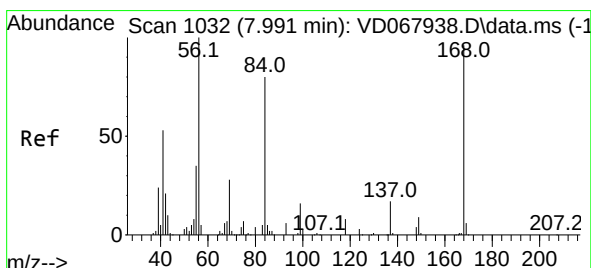
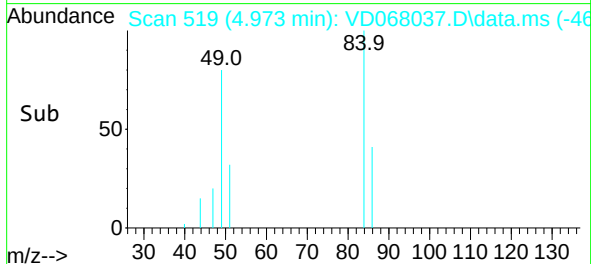
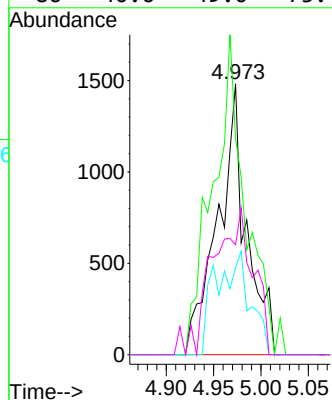
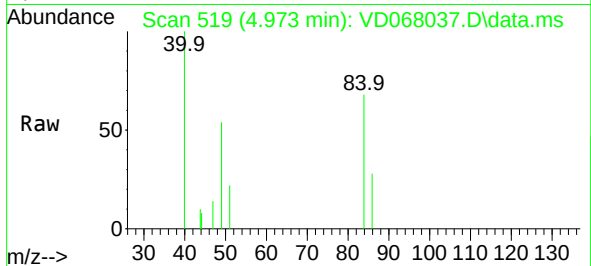




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

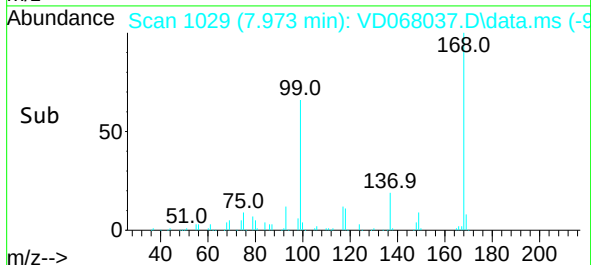
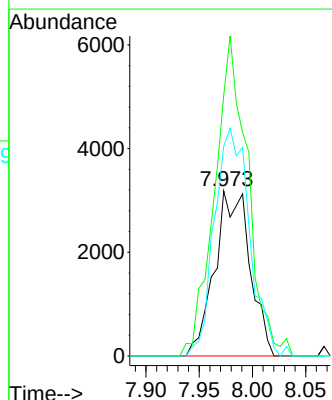
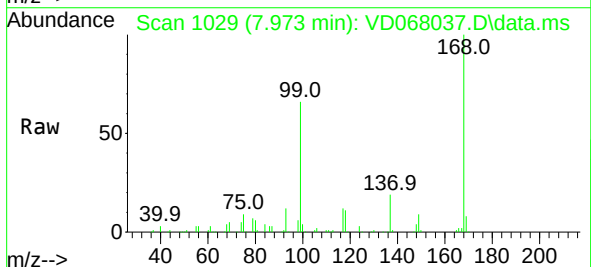
Instrument :
MSVOA_D
ClientSampled :
TP-11

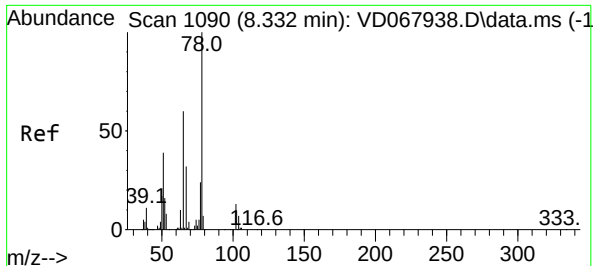
Tgt Ion:	84	Resp:	3116
Ion	Ratio	Lower	Upper
84	100		
49	79.9	98.3	147.5#
51	32.1	30.3	45.5
86	40.6	49.0	73.4#



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.018 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion:	56	Resp:	7328
Ion	Ratio	Lower	Upper
56	100		
69	157.8	22.7	34.1#
84	127.0	64.2	96.4#

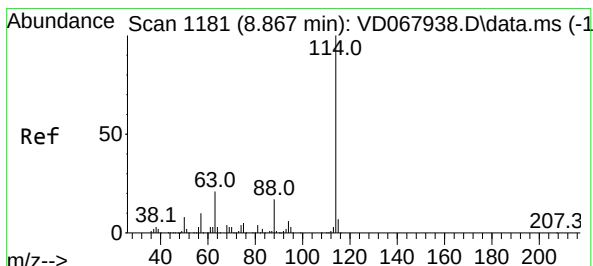
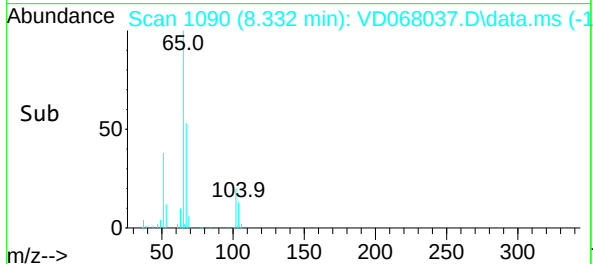
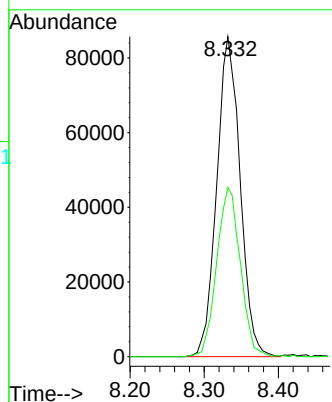
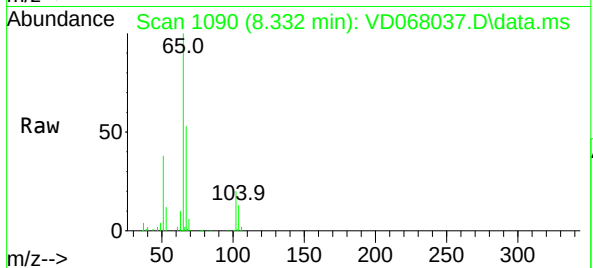




#33
1,2-Dichloroethane-d4
Concen: 58.73 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

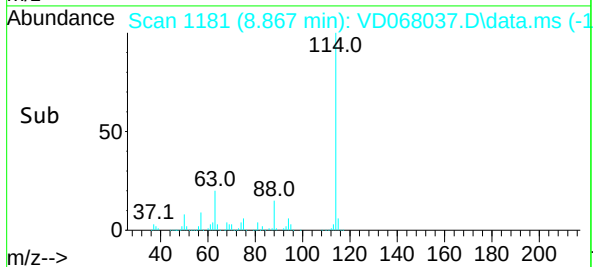
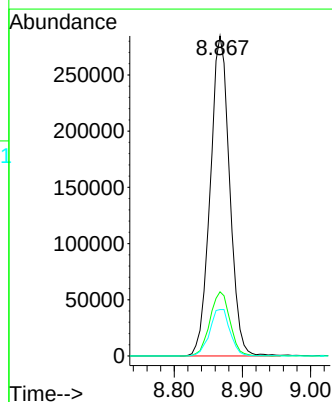
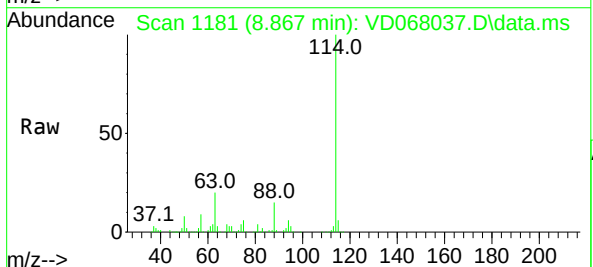
Instrument :
MSVOA_D
ClientSampled :
TP-11

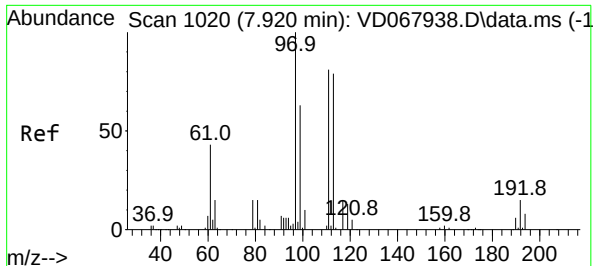
Tgt Ion: 65 Resp: 187848
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion: 114 Resp: 562667
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.4
88 14.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.09 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068037.D

Acq: 07 Jan 2021 16:34

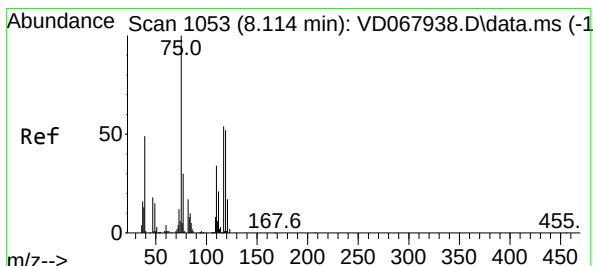
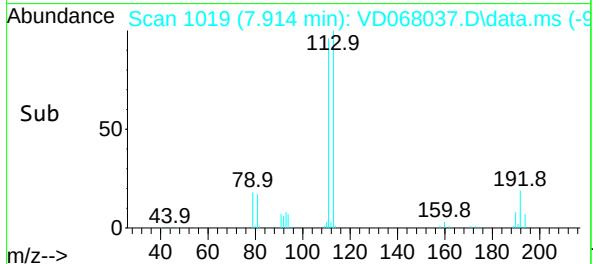
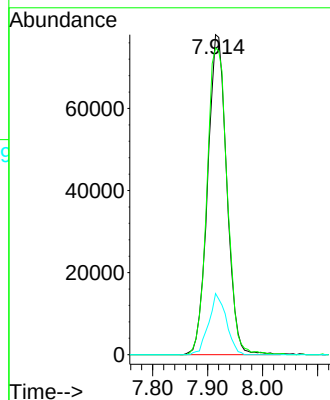
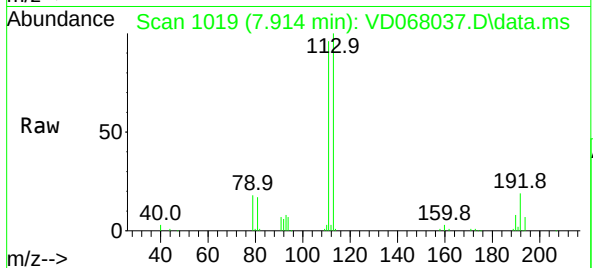
Tgt Ion:113 Resp: 188232

Ion Ratio Lower Upper

113 100

111 101.4 79.3 118.9

192 17.6 14.5 21.7



#36

1,1-Dichloropropene

Concen: 4.50 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068037.D

Acq: 07 Jan 2021 16:34

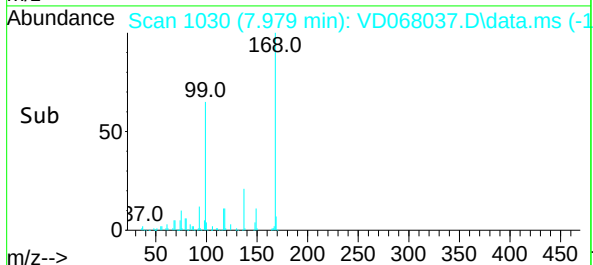
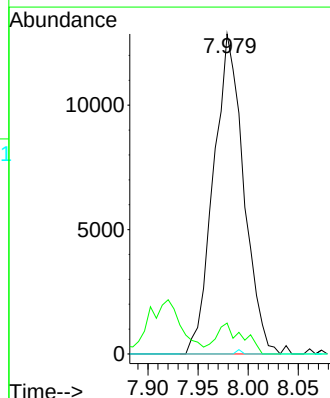
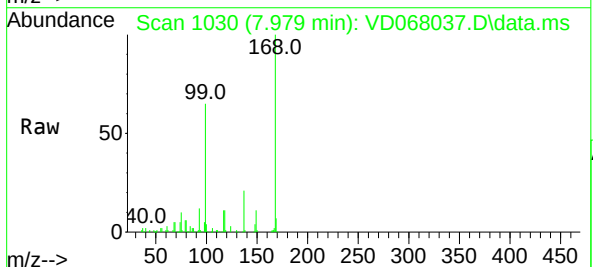
Tgt Ion: 75 Resp: 26934

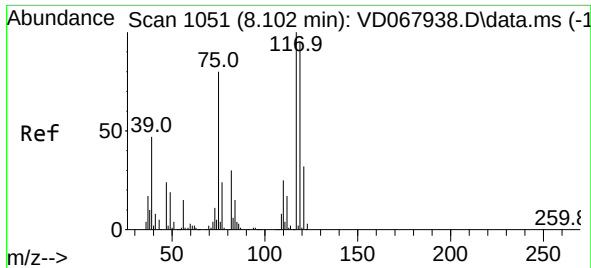
Ion Ratio Lower Upper

75 100

110 8.5 17.0 51.0#

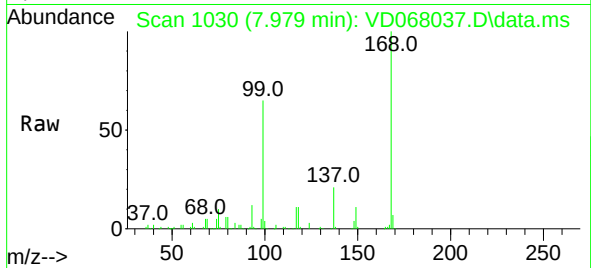
77 0.2 24.6 37.0#



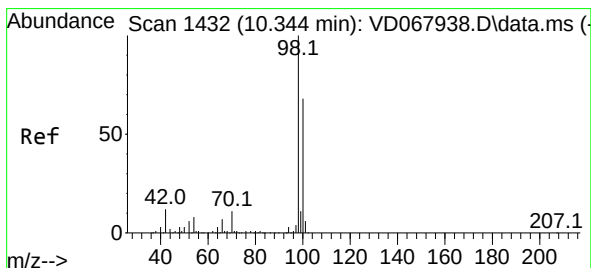
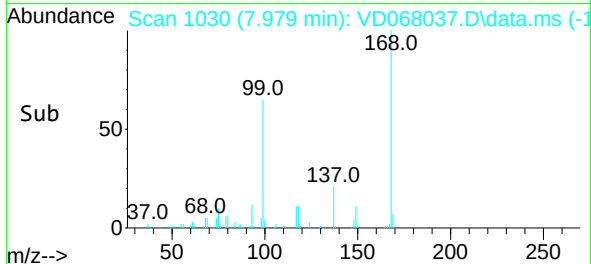
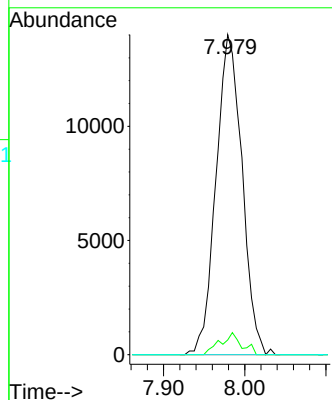


#38
Carbon Tetrachloride
Concen: 5.47 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.124 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Instrument :
MSVOA_D
ClientSampled :
TP-11

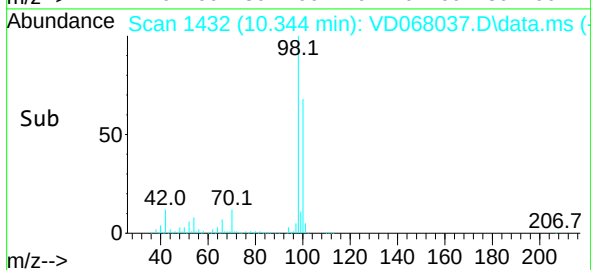
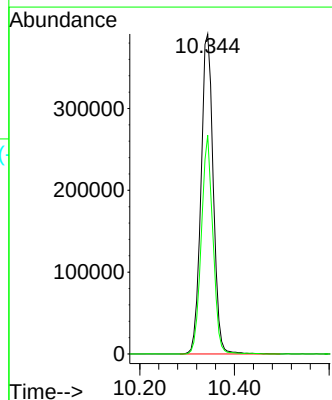
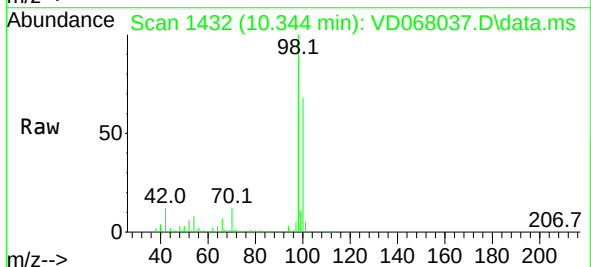


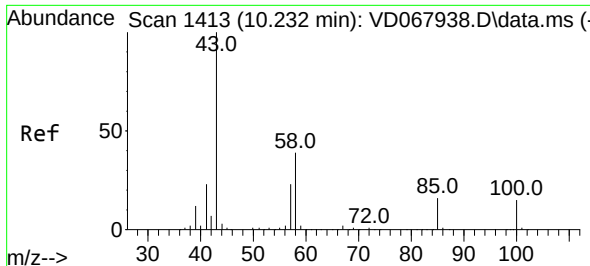
Tgt Ion:117 Resp: 31254
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.4#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 52.60 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion: 98 Resp: 700896
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

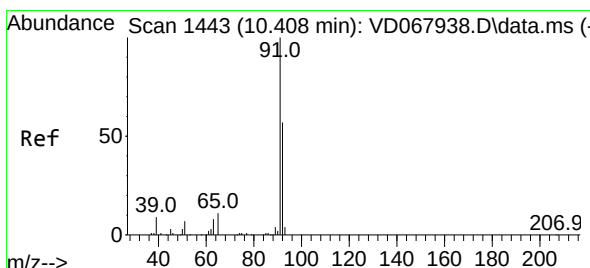
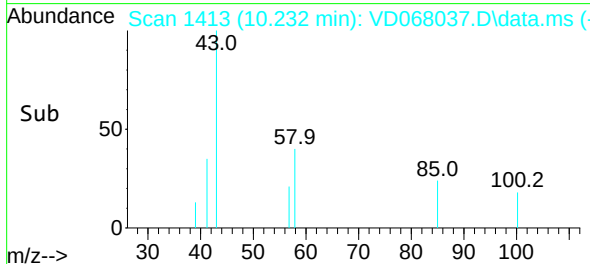
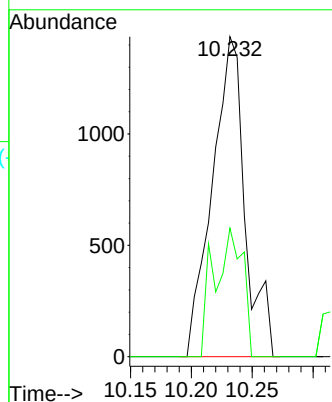
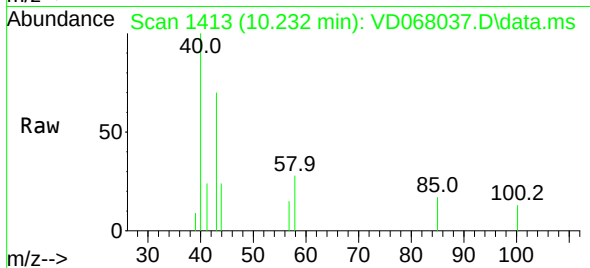




#51
4-Methyl-2-Pentanone
Concen: 1.17 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

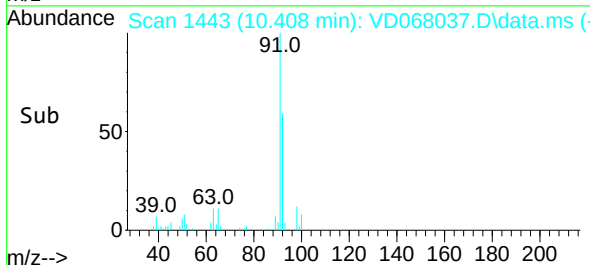
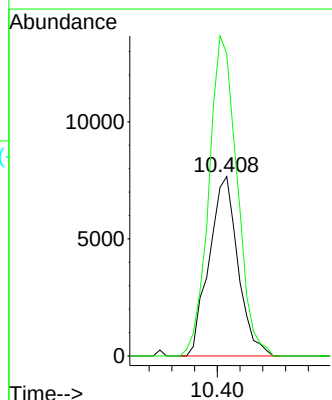
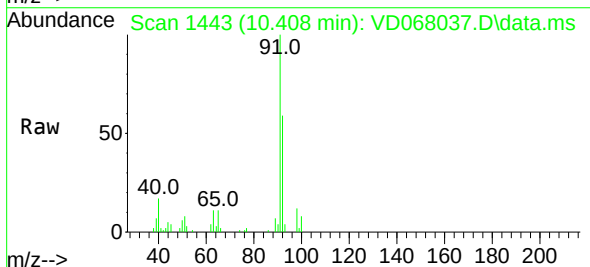
Instrument :
MSVOA_D
ClientSampled :
TP-11

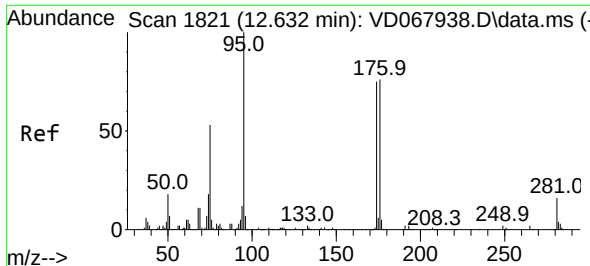
Tgt Ion: 43 Resp: 2689
Ion Ratio Lower Upper
43 100
58 34.9 30.0 45.0



#52
Toluene
Concen: 1.26 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion: 92 Resp: 13512
Ion Ratio Lower Upper
92 100
91 174.8 138.5 207.7

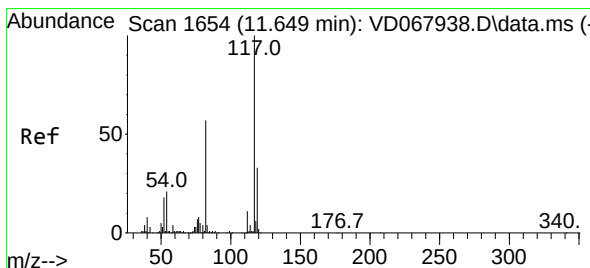
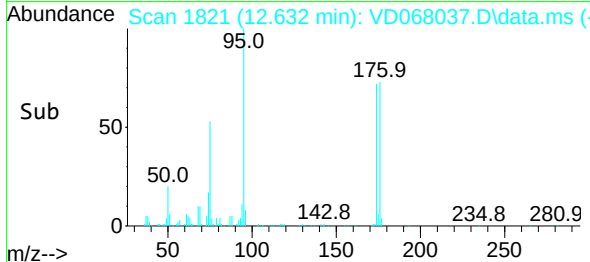
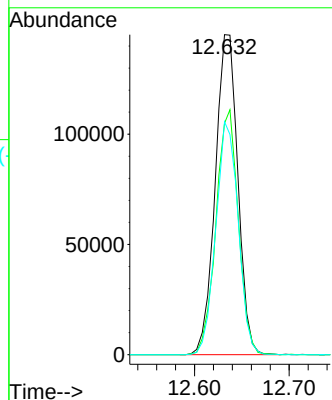
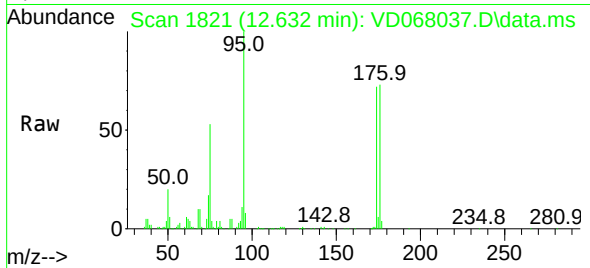




#62
4-Bromofluorobenzene
Concen: 52.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

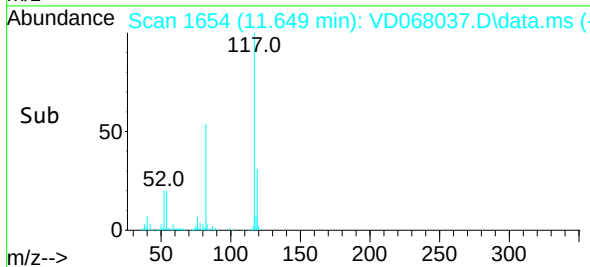
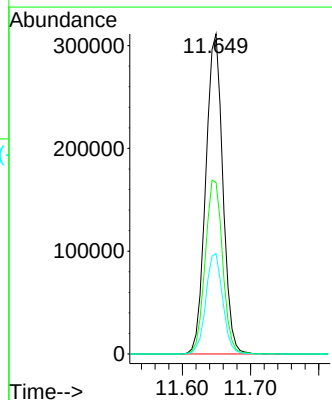
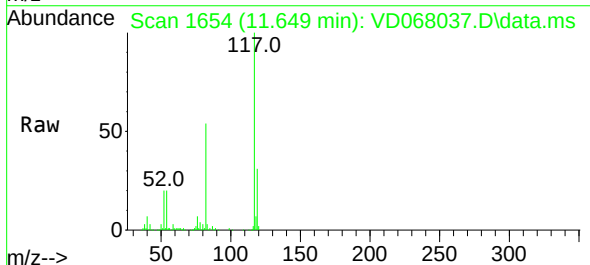
Instrument :
MSVOA_D
ClientSampleId :
TP-11

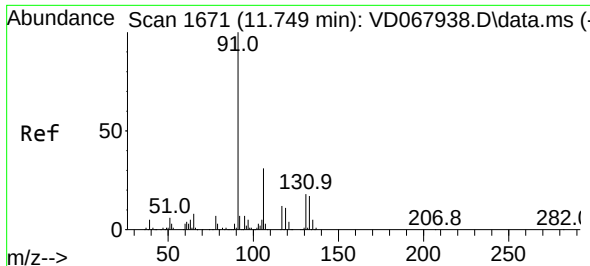
Tgt Ion: 95 Resp: 241132
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.6
176 71.9 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion: 117 Resp: 541420
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.0
119 31.3 26.7 40.1

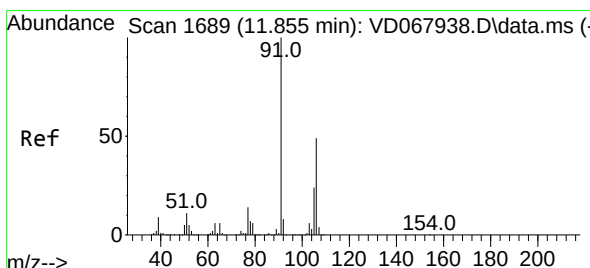
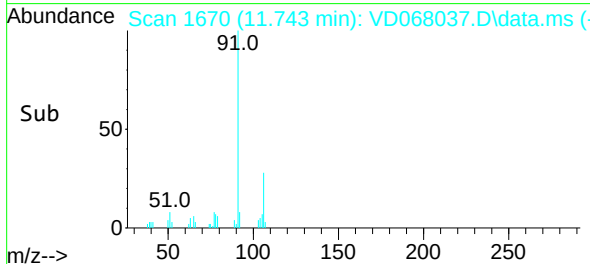
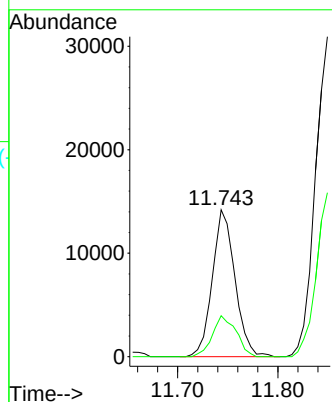
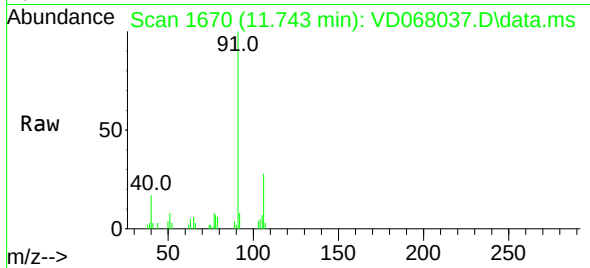




#67
Ethyl Benzene
Concen: 1.07 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

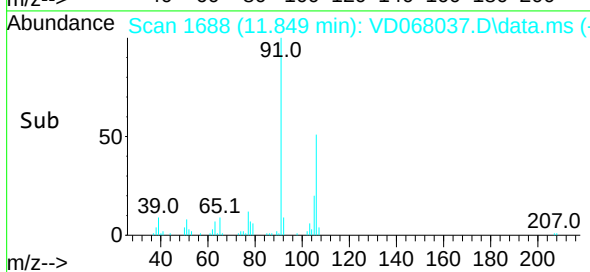
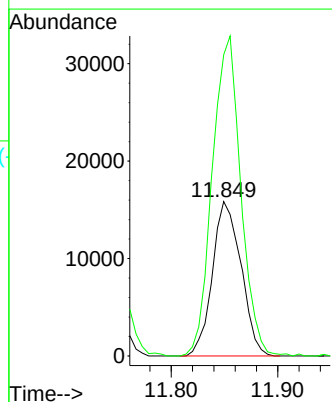
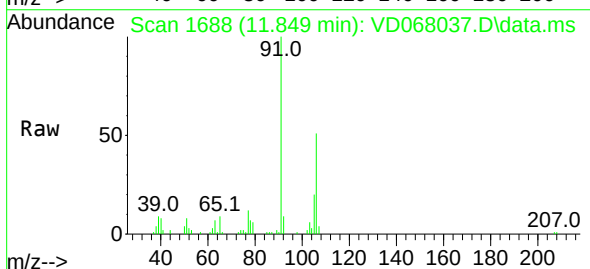
Instrument :
MSVOA_D
ClientSampled :
TP-11

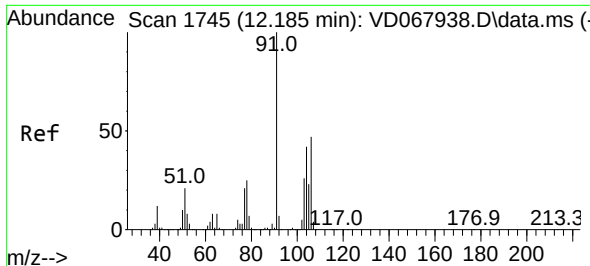
Tgt Ion: 91 Resp: 22247
Ion Ratio Lower Upper
91 100
106 27.9 24.6 37.0



#68
m/p-Xylenes
Concen: 3.73 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion:106 Resp: 29585
Ion Ratio Lower Upper
106 100
91 206.5 159.9 239.9

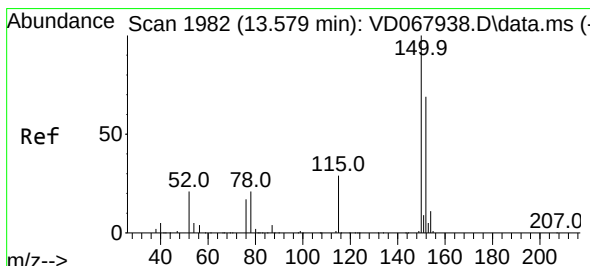
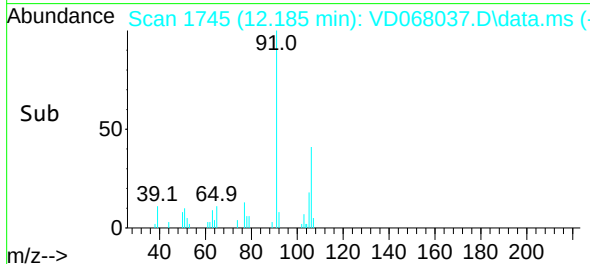
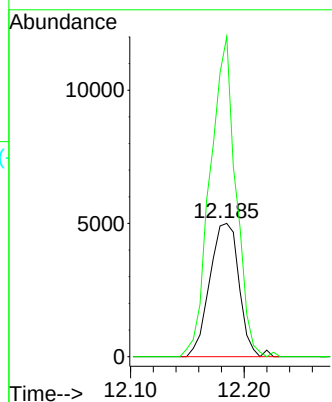
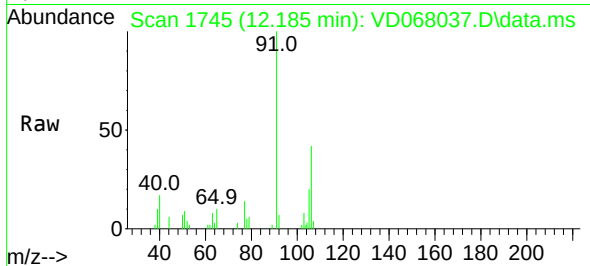




#69
o-Xylene
Concen: 1.26 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

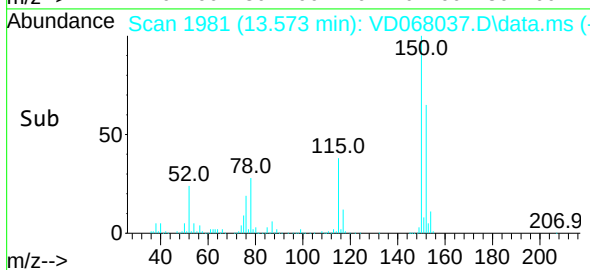
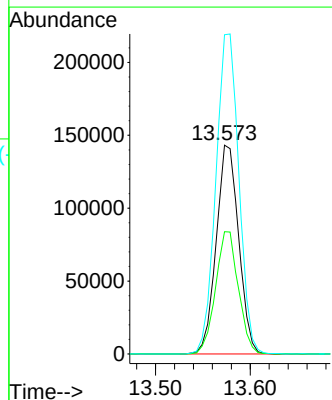
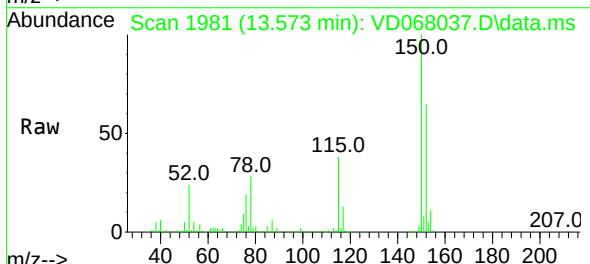
Instrument :
MSVOA_D
ClientSampled :
TP-11

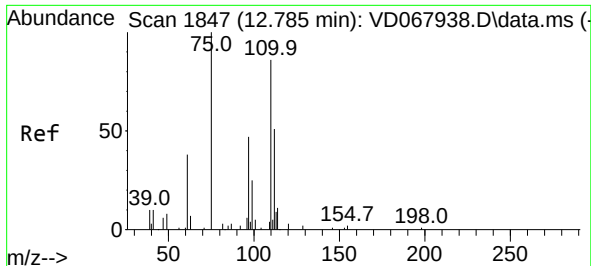
Tgt Ion:106 Resp: 8973
Ion Ratio Lower Upper
106 100
91 211.4 106.0 317.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion:152 Resp: 235898
Ion Ratio Lower Upper
152 100
115 59.4 29.3 88.0
150 156.7 0.0 340.0

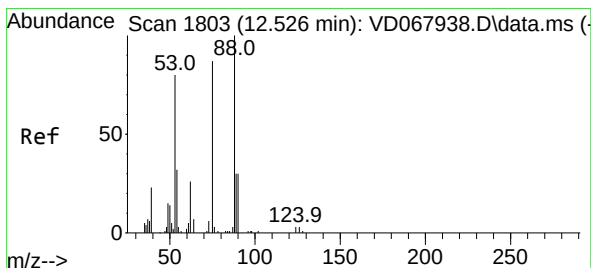
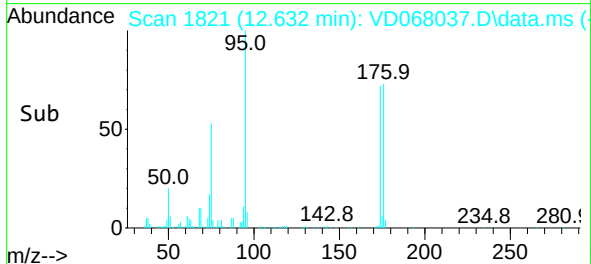
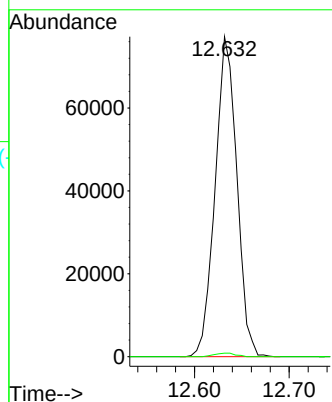
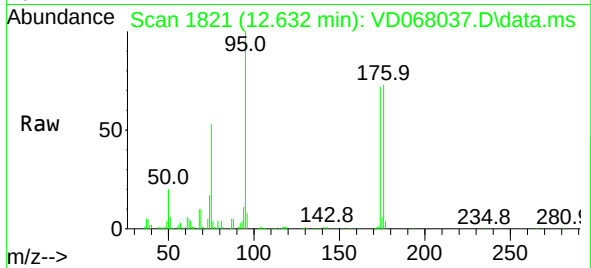




#76
1,2,3-Trichloropropane
Concen: 62.02 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Instrument :
MSVOA_D
ClientSampleId :
TP-11

Tgt Ion: 75 Resp: 123174
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion: 75 Resp: 123174
Ion Ratio Lower Upper
75 100
53 0.0 74.9 112.3#
89 0.0 33.8 50.8#

