

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069934.D
 Acq On : 30 Jul 2021 13:06
 Operator : VA/SY
 Sample : M3234-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-072921RE

Quant Time: Jul 31 00:37:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

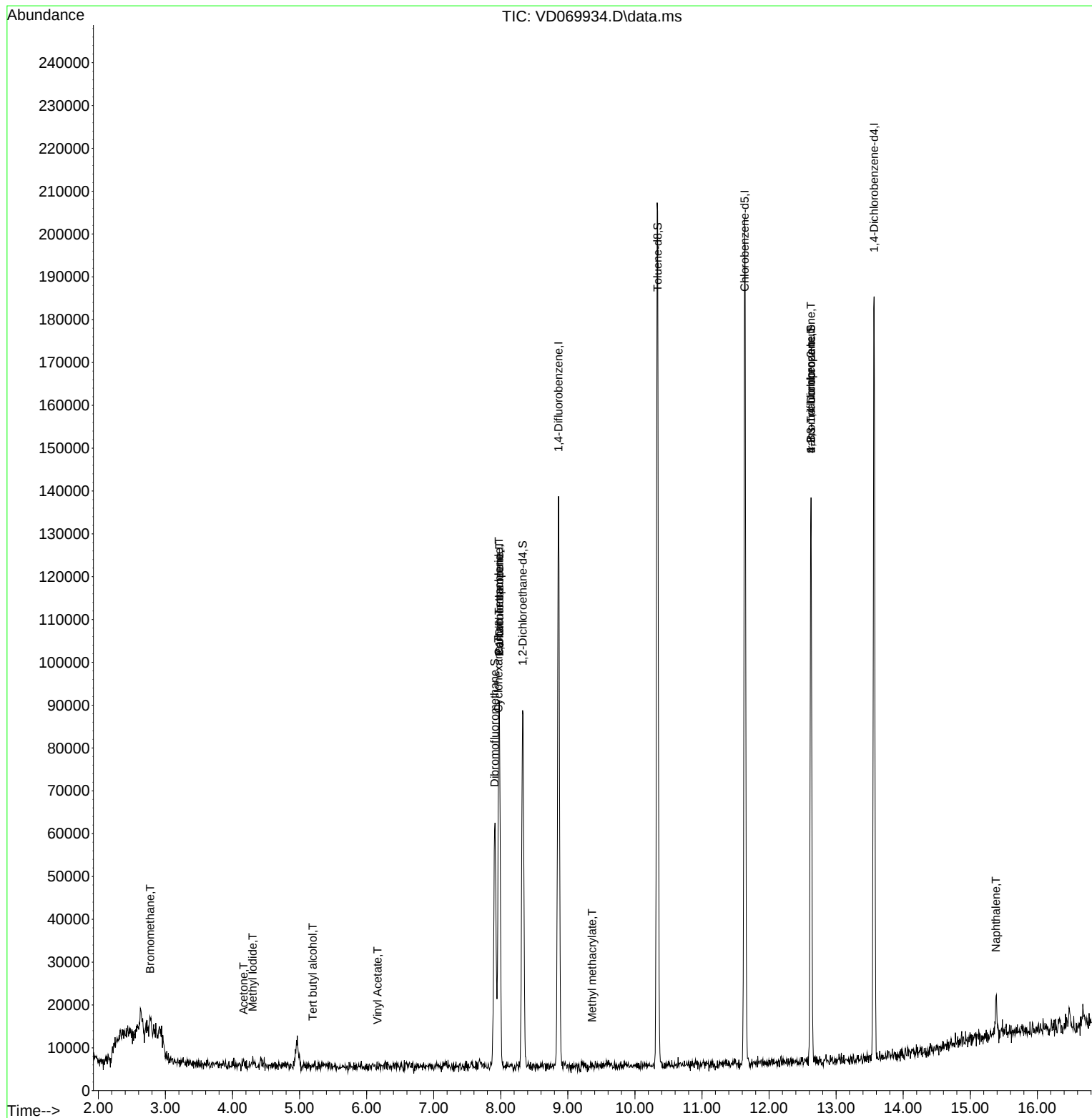
Internal Standards						
1) Pentafluorobenzene	7.979	168	60925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	110756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	117713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	48654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	66150	94.407	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 188.820%#			
35) Dibromofluoromethane	7.908	113	42690	61.142	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.280%			
50) Toluene-d8	10.338	98	143473	53.291	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.580%			
62) 4-Bromofluorobenzene	12.626	95	45846	50.954	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.900%			
Target Compounds						Qvalue
5) Bromomethane	2.773	94	2418	2.367	ug/l #	55
10) Methyl Iodide	4.303	142	767	4.405	ug/l #	95
11) Tert butyl alcohol	5.197	59	57	1.572	ug/l #	73
16) Acetone	4.167	43	1934	15.279	ug/l	93
20) Methylene Chloride	4.967	84	5540	Below Cal	#	84
23) Vinyl Acetate	6.161	43	75	20.406	ug/l #	71
31) Cyclohexane	7.967	56	1949	1.424	ug/l #	40
36) 1,1-Dichloropropene	7.979	75	5990	5.012	ug/l #	48
38) Carbon Tetrachloride	7.973	117	6944	6.360	ug/l #	12
48) Methyl methacrylate	9.361	41	146	3.079	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	22705	43.904	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	22705	133.192	ug/l #	16
95) Naphthalene	15.384	128	7304	9.132	ug/l	96

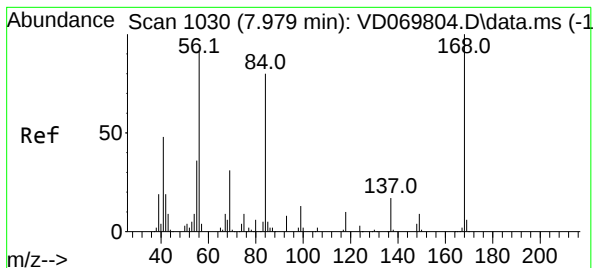
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD069934.D

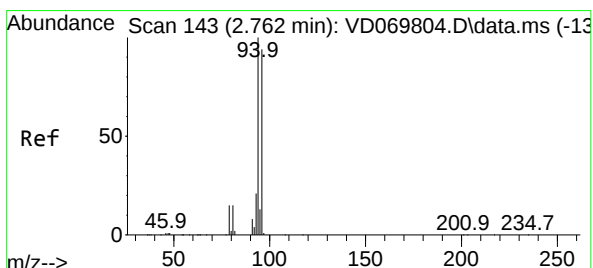
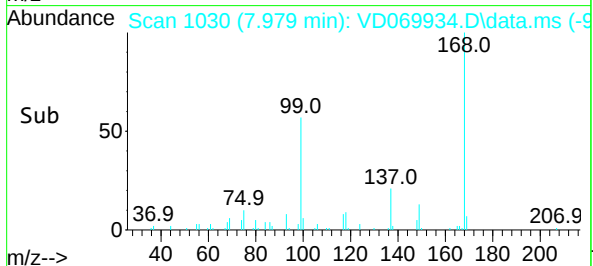
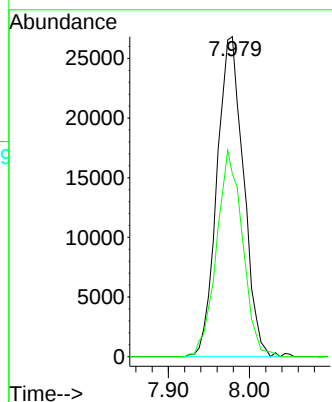
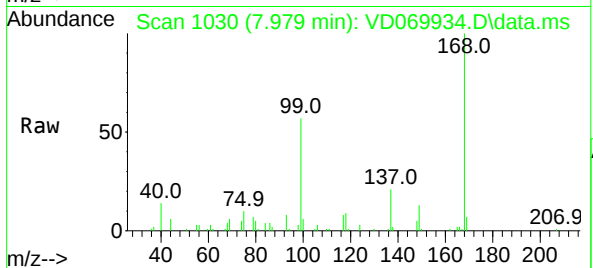
Acq: 30 Jul 2021 13:06

Tgt Ion:168 Resp: 60925

Ion Ratio Lower Upper

168 100

99 57.1 51.1 76.7



#5

Bromomethane

Concen: 2.367 ug/l

RT: 2.773 min Scan# 145

Delta R.T. 0.011 min

Lab File: VD069934.D

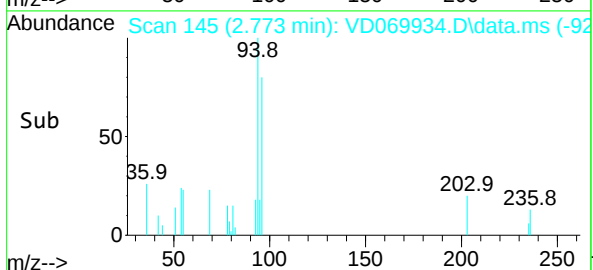
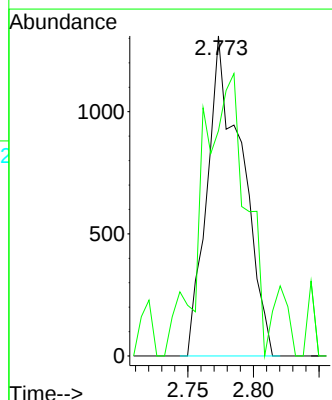
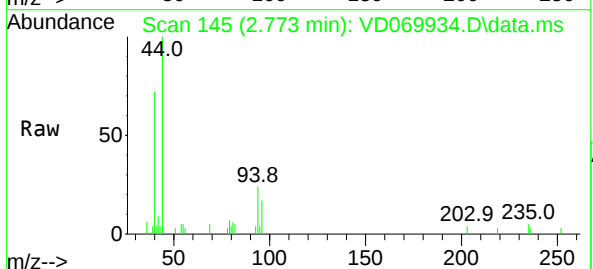
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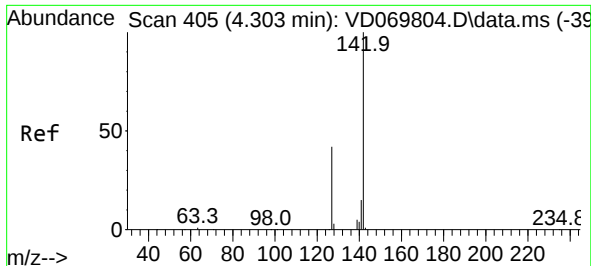
Tgt Ion: 94 Resp: 2418

Ion Ratio Lower Upper

94 100

96 50.3 74.8 112.2#

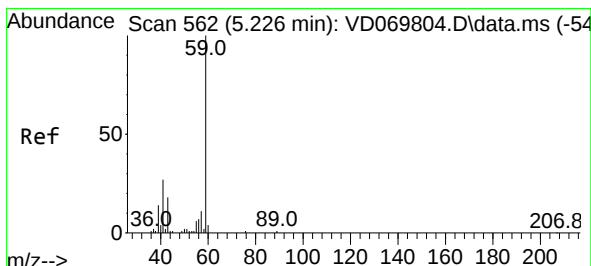
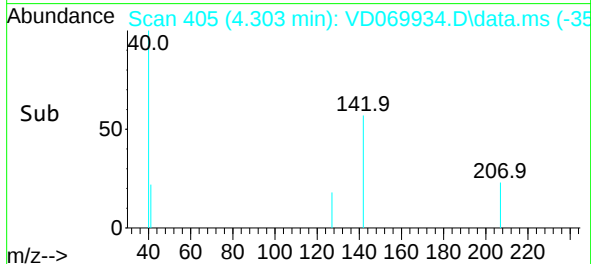
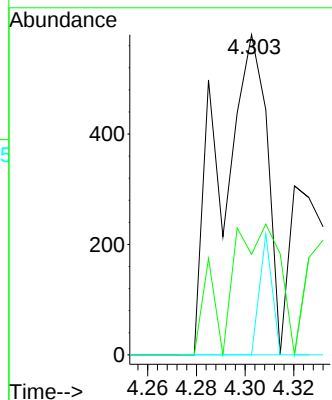
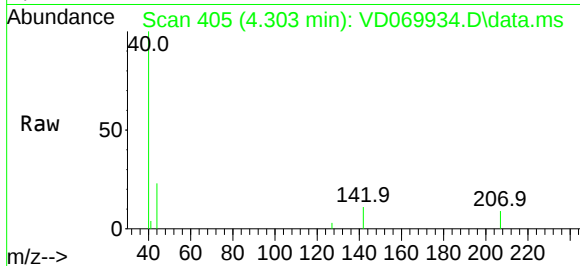




#10
Methyl Iodide
Concen: 4.405 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

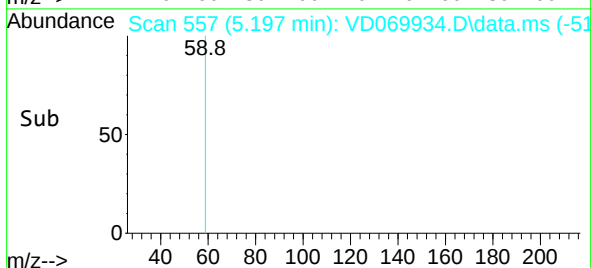
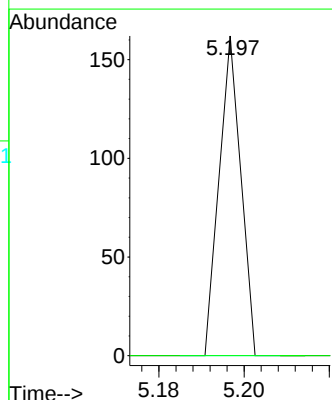
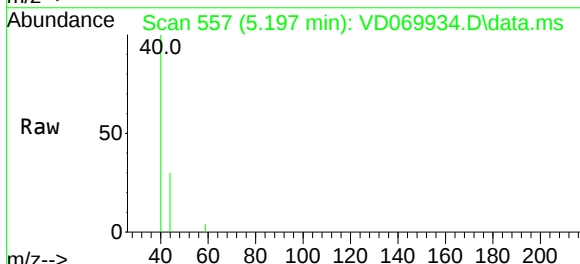
Instrument :
MSVOA_D
ClientSampleId :
OR-03-072921RE

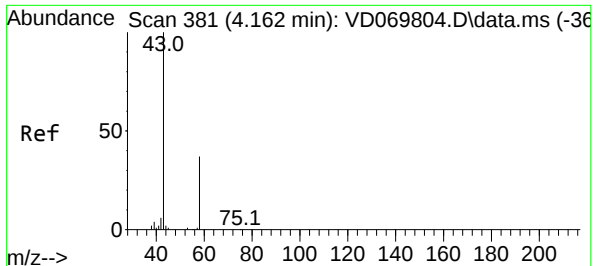
Tgt Ion:142 Resp: 767
Ion Ratio Lower Upper
142 100
127 46.3 35.7 53.5
141 10.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: 1.572 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.030 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

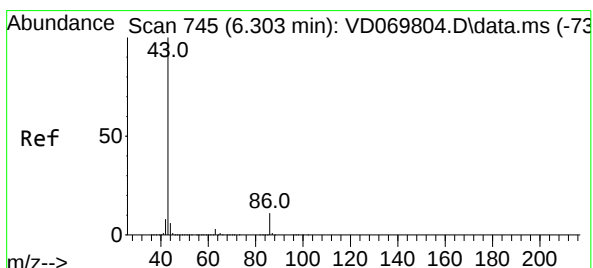
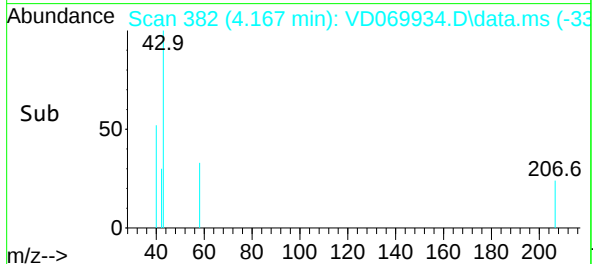
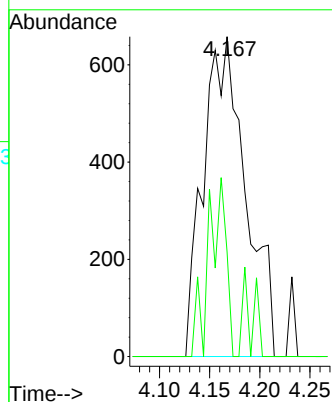
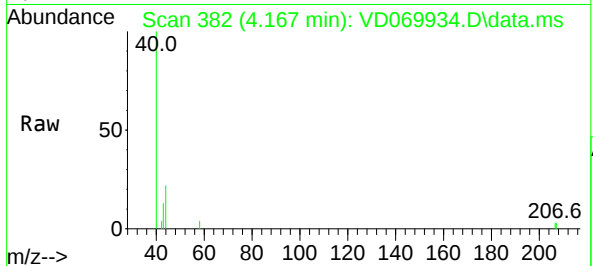




#16
Acetone
Concen: 15.279 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

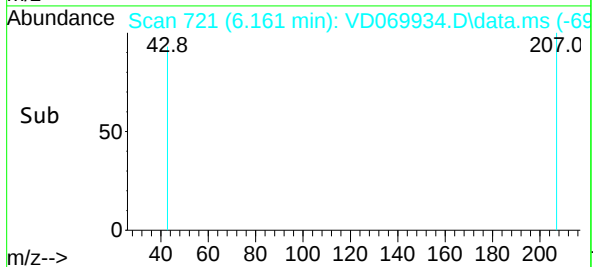
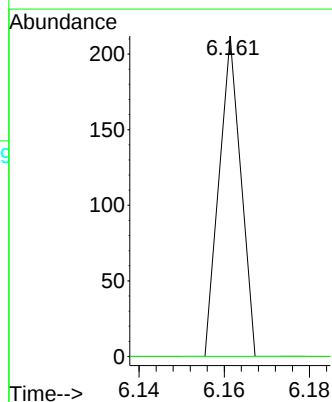
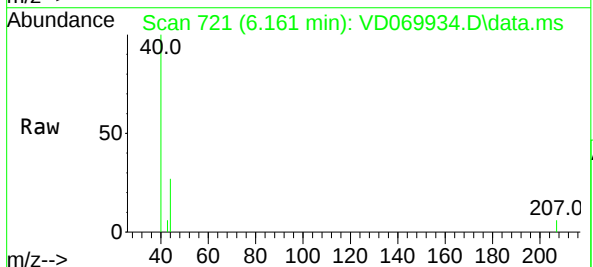
Instrument :
MSVOA_D
ClientSampleId :
OR-03-072921RE

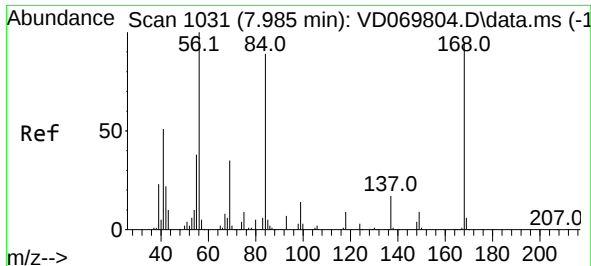
Tgt Ion: 43 Resp: 1934
Ion Ratio Lower Upper
43 100
58 32.7 29.4 44.0



#23
Vinyl Acetate
Concen: 20.406 ug/l
RT: 6.161 min Scan# 721
Delta R.T. -0.142 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

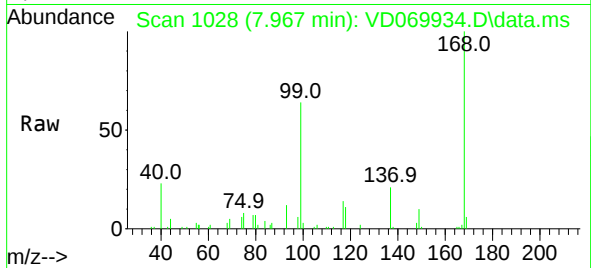
Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#



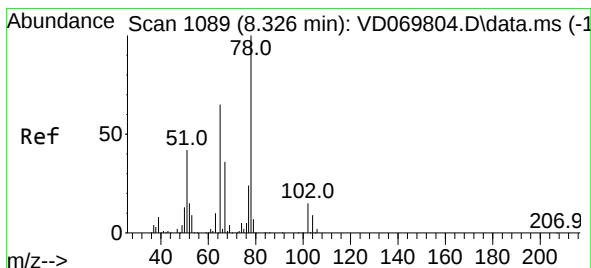
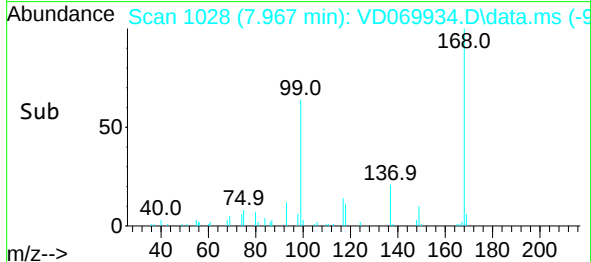
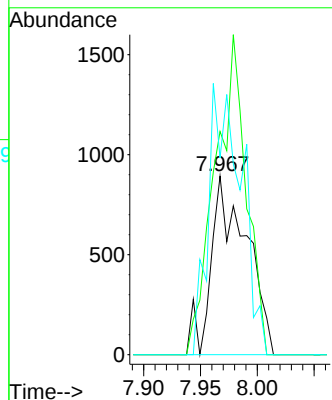


#31
Cyclohexane
Concen: 1.424 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

Instrument :
MSVOA_D
ClientSampleId :
OR-03-072921RE

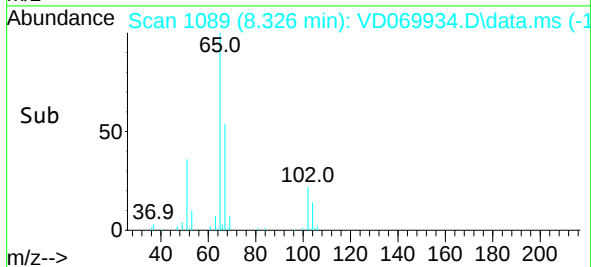
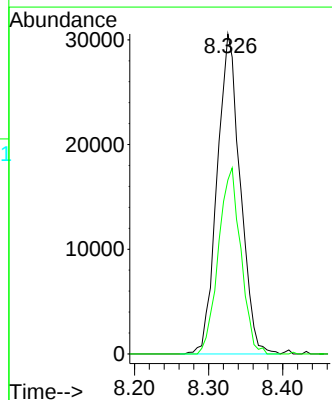
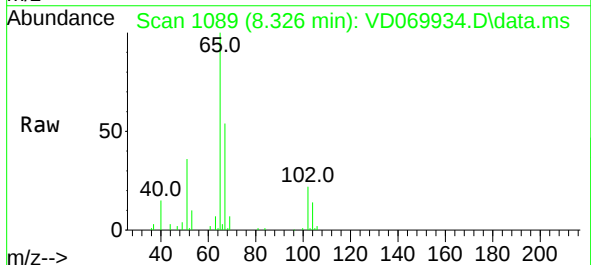


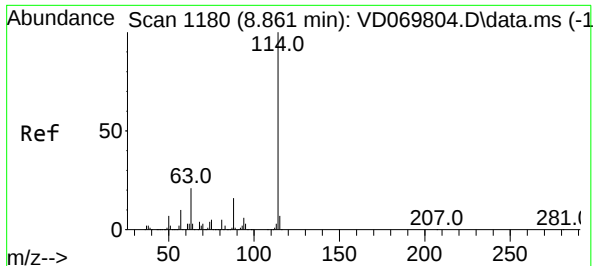
Tgt Ion: 56 Resp: 1949
Ion Ratio Lower Upper
56 100
69 125.0 27.9 41.9#
84 110.1 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 94.407 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

Tgt Ion: 65 Resp: 66150
Ion Ratio Lower Upper
65 100
67 56.3 0.0 111.2



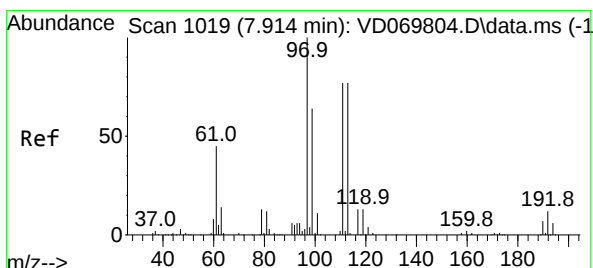
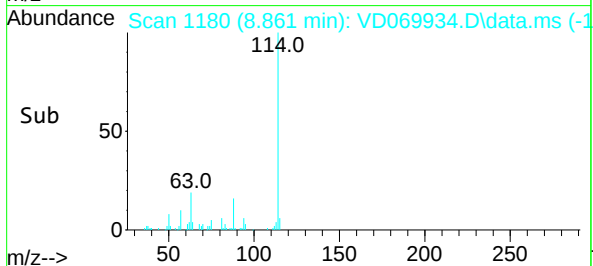
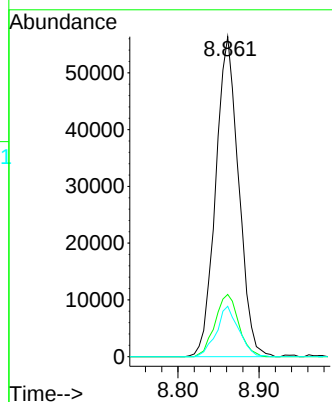
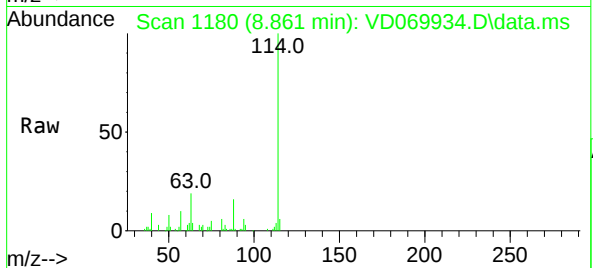


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

Instrument :
MSVOA_D
ClientSampleId :
OR-03-072921RE

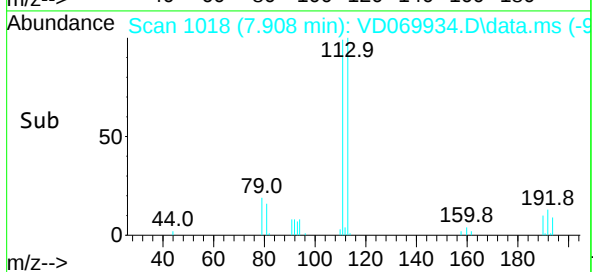
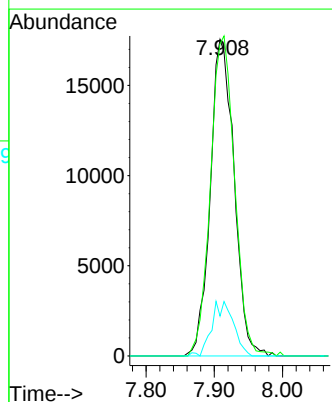
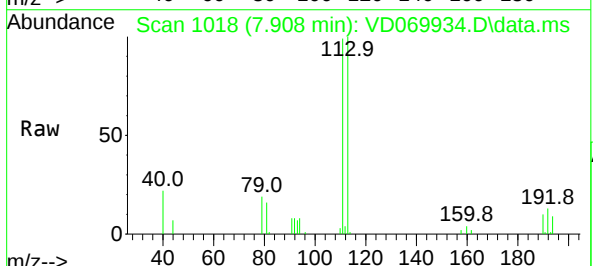
Tgt Ion:	114	Resp:	110756
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.6
88	15.8	0.0	31.4

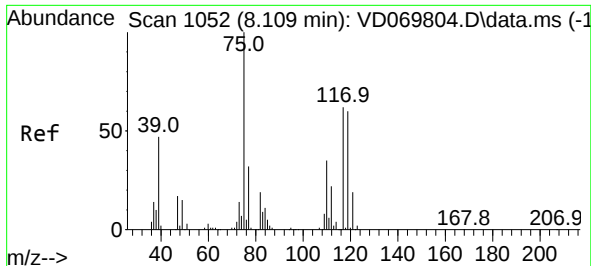


#35

Dibromofluoromethane
Concen: 61.142 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

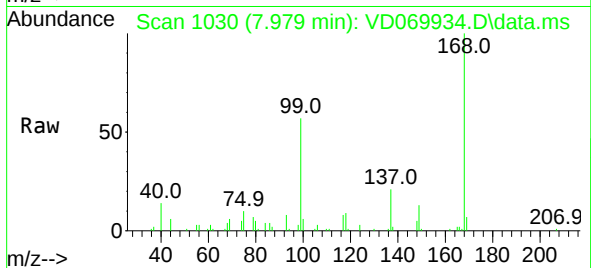
Tgt Ion:	113	Resp:	42690
Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.5	120.7
192	15.8	12.6	19.0



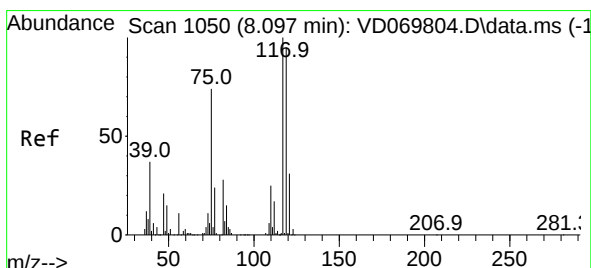
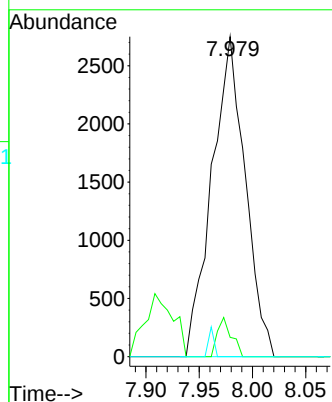
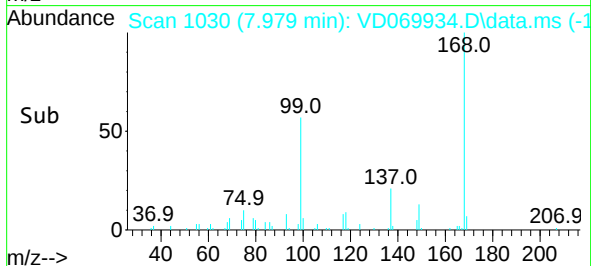


#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

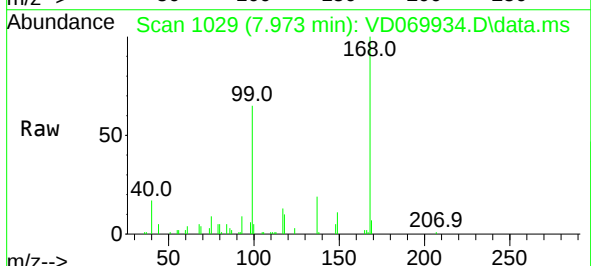
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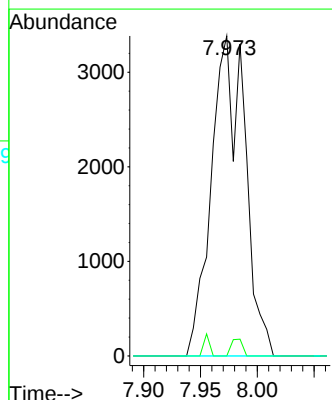
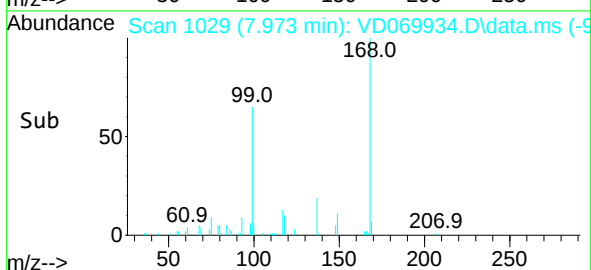
Tgt Ion: 75 Resp: 5990
Ion Ratio Lower Upper
75 100
110 5.1 16.9 50.7#
77 1.5 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.360 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06



Tgt Ion: 117 Resp: 6944
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.5 36.7#

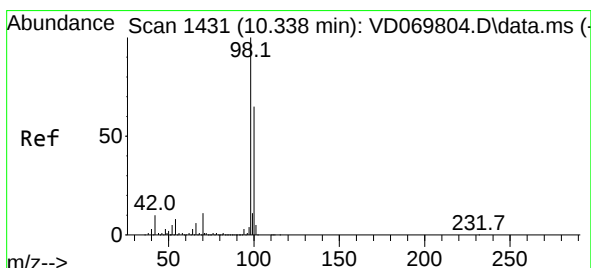
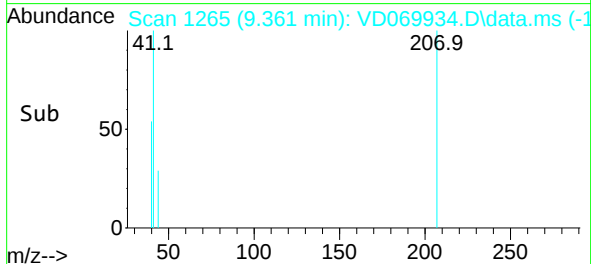
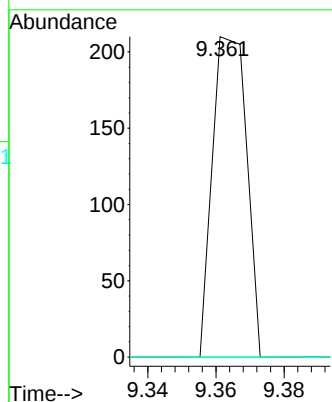
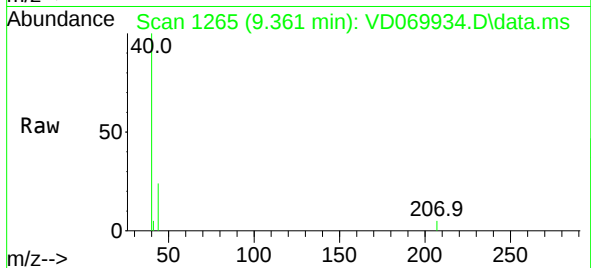




#48
Methyl methacrylate
Concen: 3.079 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. -0.089 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

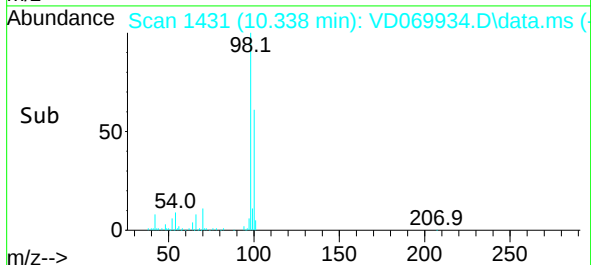
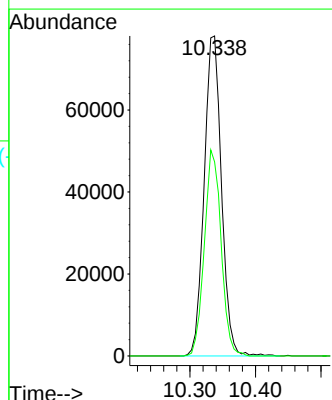
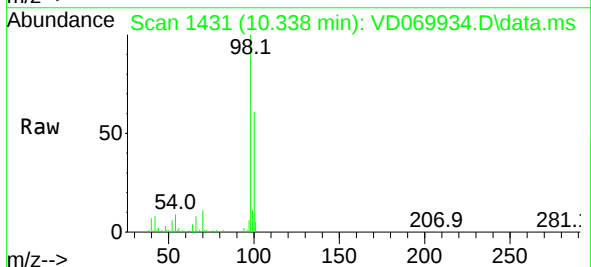
Instrument :
MSVOA_D
ClientSampleId :
OR-03-072921RE

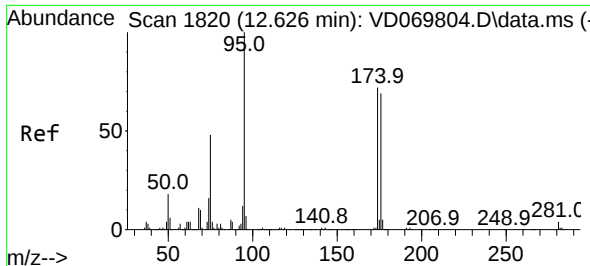
Tgt Ion: 41 Resp: 146
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#



#50
Toluene-d8
Concen: 53.291 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

Tgt Ion: 98 Resp: 143473
Ion Ratio Lower Upper
98 100
100 62.3 51.9 77.9

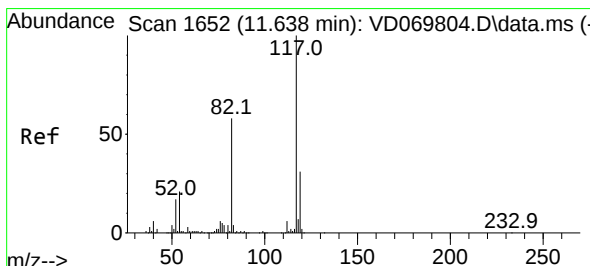
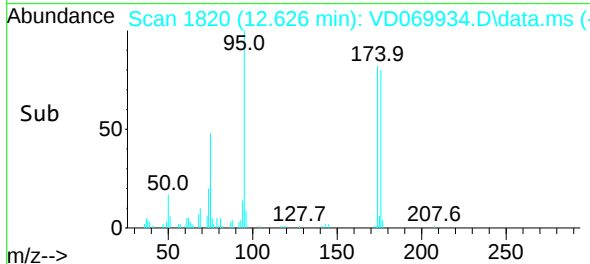
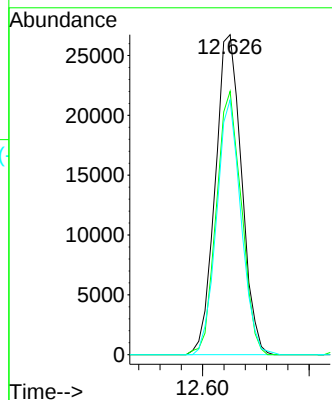
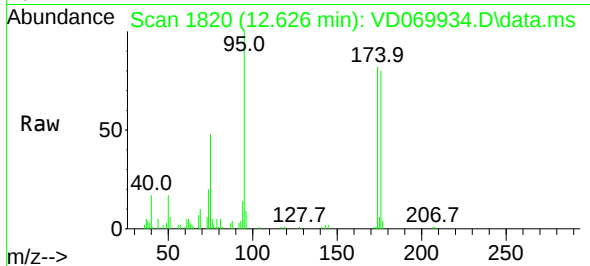




#62
4-Bromofluorobenzene
Concen: 50.954 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

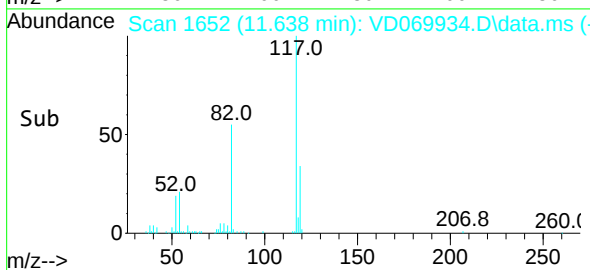
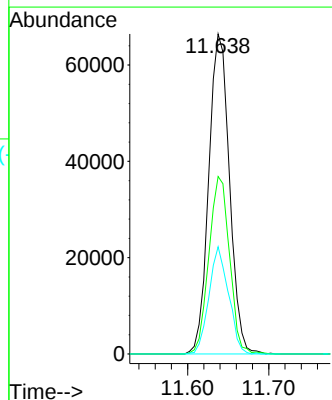
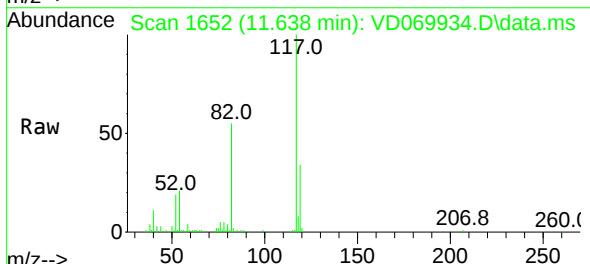
Instrument :
MSVOA_D
ClientSampleId :
OR-03-072921RE

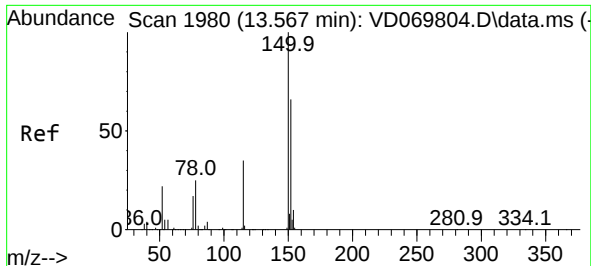
Tgt Ion: 95 Resp: 45846
Ion Ratio Lower Upper
95 100
174 78.1 0.0 142.6
176 74.0 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

Tgt Ion: 117 Resp: 117713
Ion Ratio Lower Upper
117 100
82 55.5 46.3 69.5
119 33.5 24.7 37.1

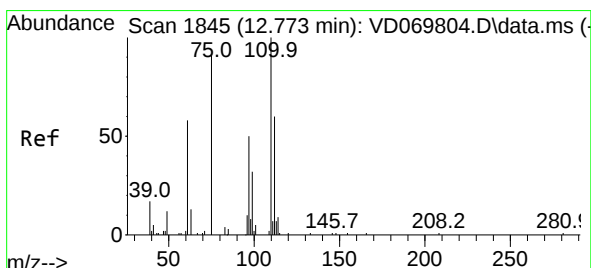
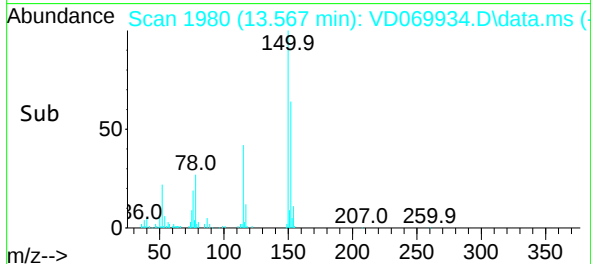
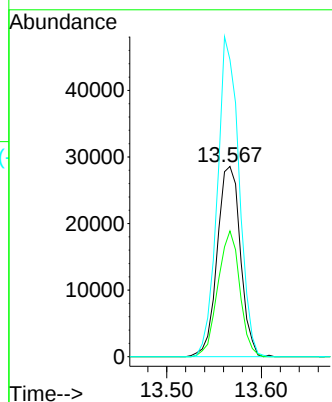
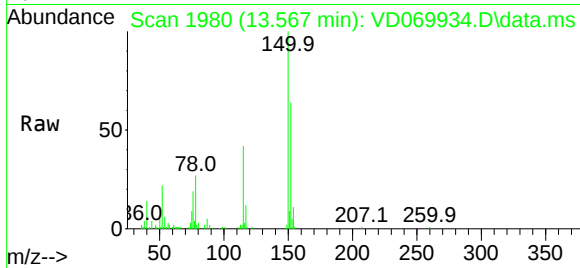




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

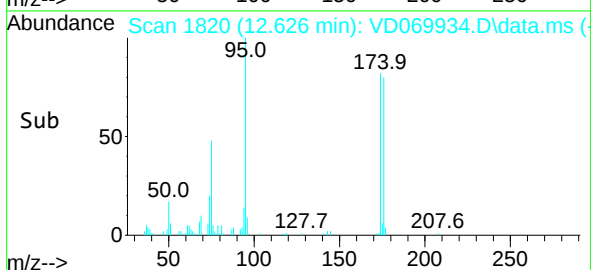
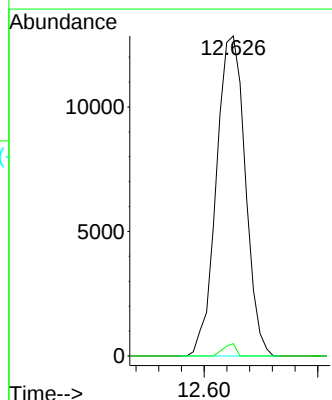
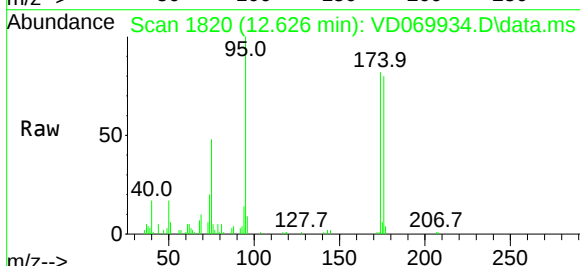
Instrument :
MSVOA_D
ClientSampleId :
OR-03-072921RE

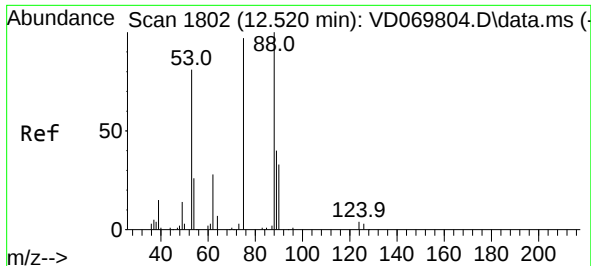
Tgt Ion:152 Resp: 48654
Ion Ratio Lower Upper
152 100
115 62.5 31.1 93.3
150 156.8 0.0 343.0



#76
1,2,3-Trichloropropane
Concen: 43.904 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

Tgt Ion: 75 Resp: 22705
Ion Ratio Lower Upper
75 100
77 1.7 181.5 544.5#

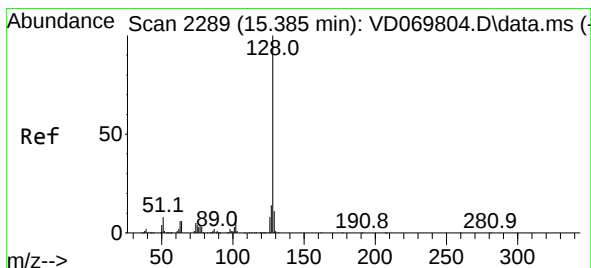
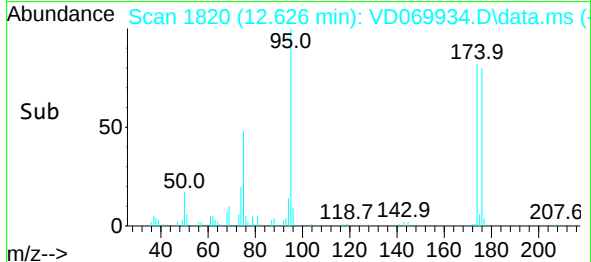
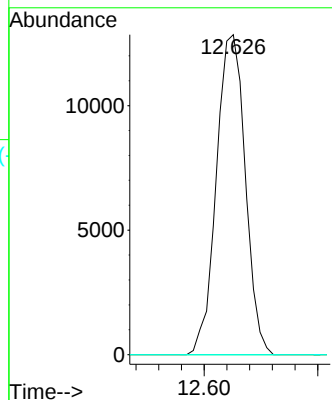
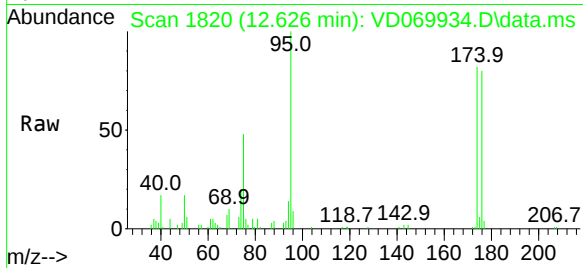




#81
trans-1,4-Dichloro-2-butene
Concen: 133.192 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

Instrument :
MSVOA_D
ClientSampleId :
OR-03-072921RE

Tgt Ion: 75 Resp: 22705
Ion Ratio Lower Upper
75 100
53 0.0 67.2 100.8#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 9.132 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD069934.D
Acq: 30 Jul 2021 13:06

Tgt Ion: 128 Resp: 7304
Ion Ratio Lower Upper
128 100
127 11.1 10.6 16.0
129 9.9 8.6 12.8

