

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068832.D
 Acq On : 12 Apr 2021 15:12
 Operator : VA/SY
 Sample : M1985-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 01:09:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

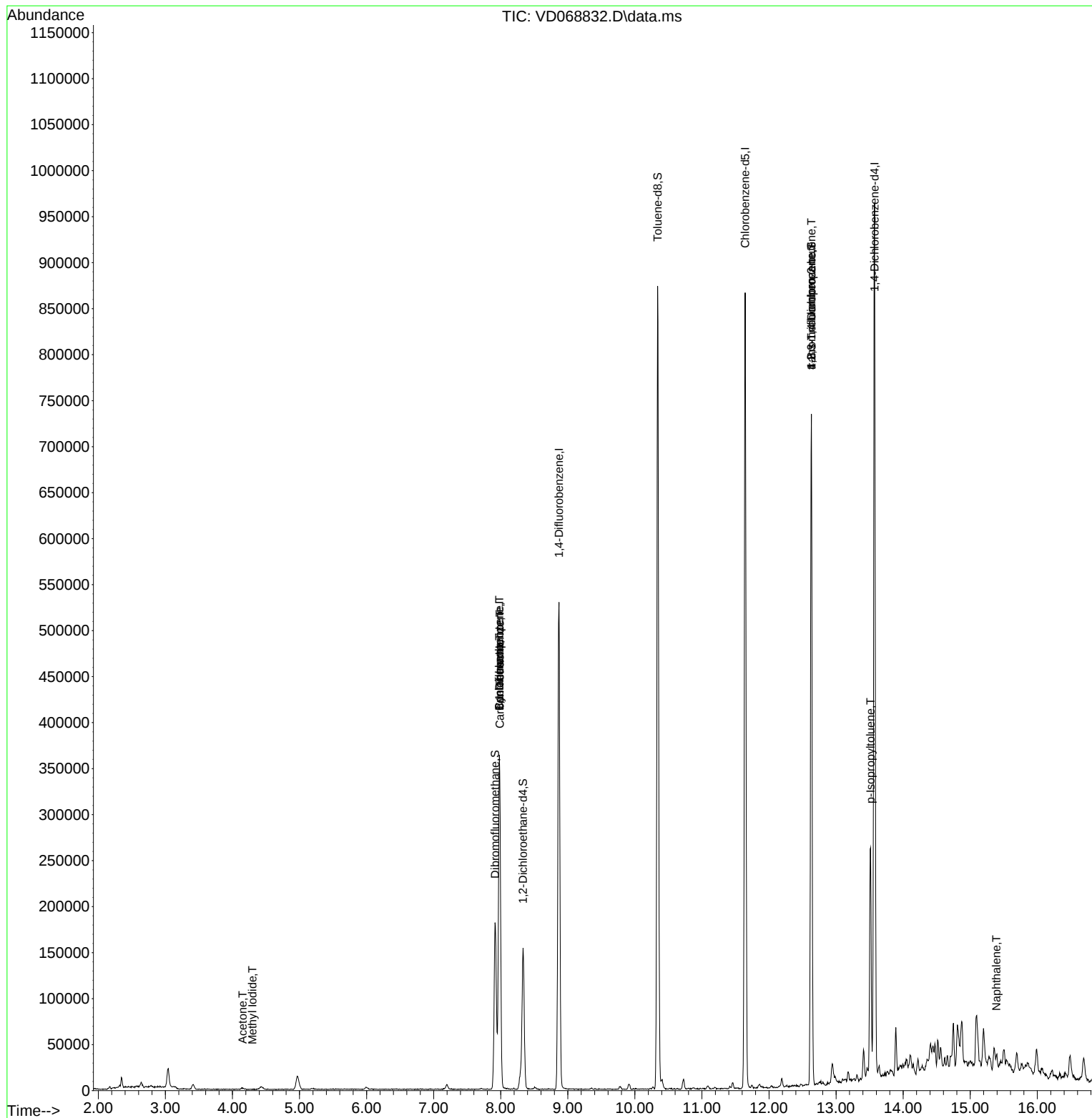
Internal Standards						
1) Pentafluorobenzene	7.979	168	281029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	491247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	526854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	266866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	117709	39.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.26%
35) Dibromofluoromethane	7.914	113	132276	41.40	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.80%
50) Toluene-d8	10.338	98	612909	50.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.70%
62) 4-Bromofluorobenzene	12.632	95	234466	58.57	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.14%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	136	2.28	ug/l #	41
11) Tert butyl alcohol	5.209	59	408	Below	Cal #	73
16) Acetone	4.150	43	1089	2.65	ug/l #	78
20) Methylene Chloride	4.973	84	13213	Below	Cal	89
31) Cyclohexane	7.979	56	5681	1.15	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	20543	4.13	ug/l #	49
38) Carbon Tetrachloride	7.985	117	27270	5.54	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	116756	47.89	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	116756	111.14	ug/l #	16
86) p-Isopropyltoluene	13.514	119	150710	8.46	ug/l	99
95) Naphthalene	15.391	128	11799	1.36	ug/l #	90

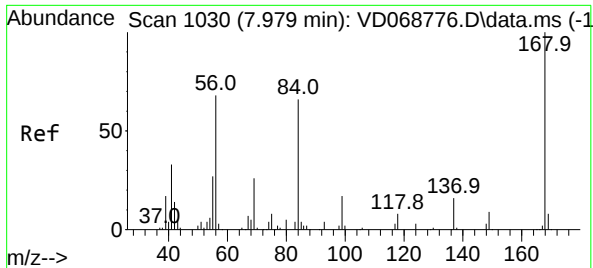
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068832.D
Acq On : 12 Apr 2021 15:12
Operator : VA/SY
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Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Apr 13 01:09:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

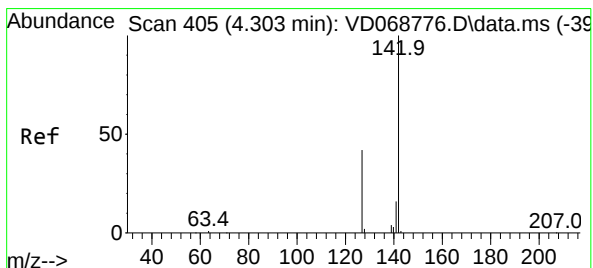
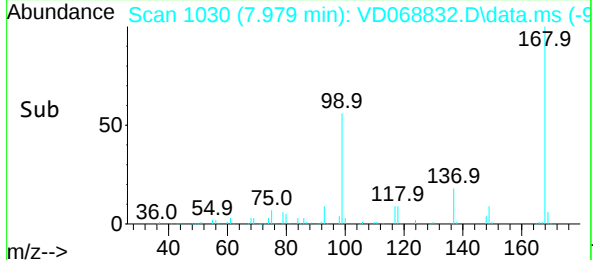
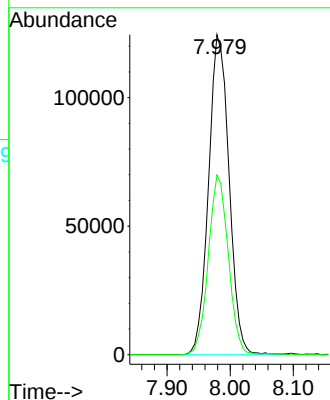
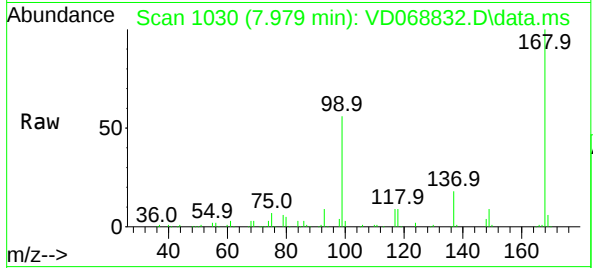




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

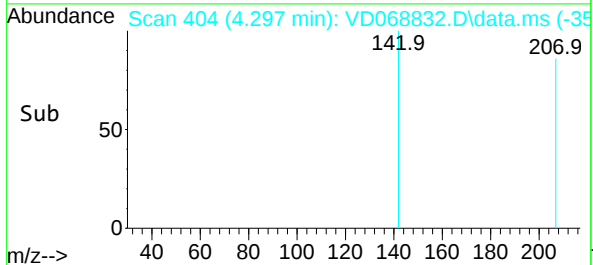
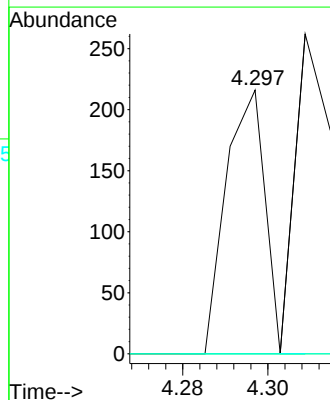
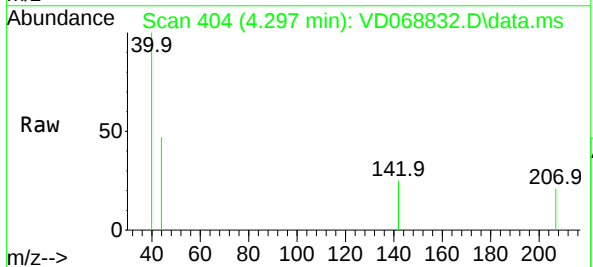
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 281029
Ion Ratio Lower Upper
168 100
99 56.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.28 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

Tgt Ion:142 Resp: 136
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

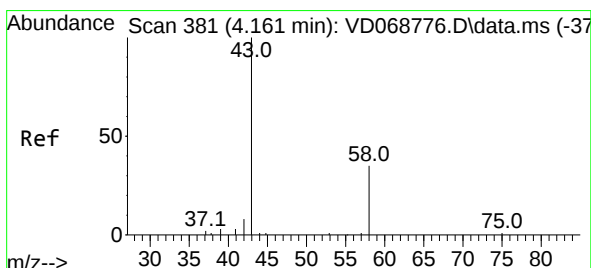
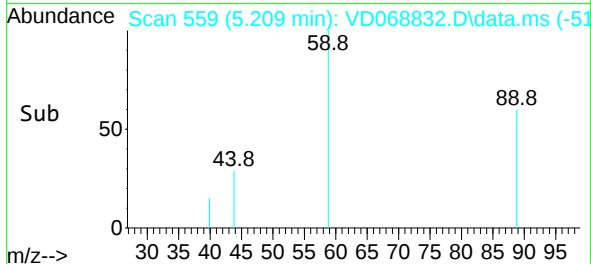
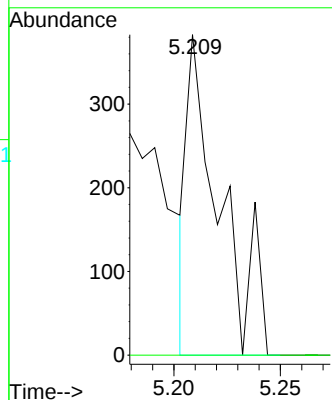
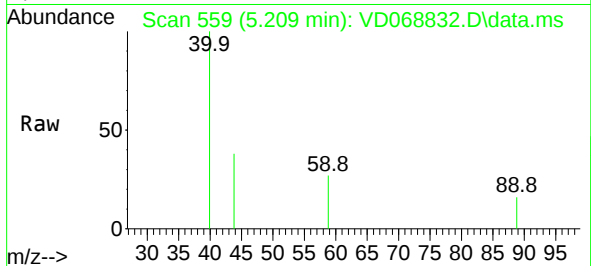




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

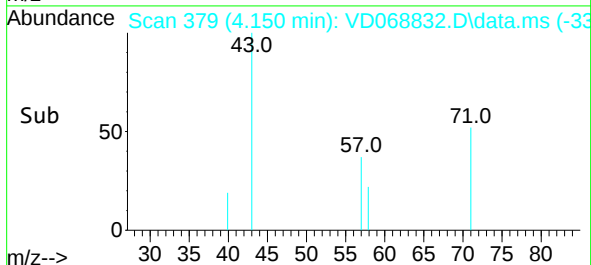
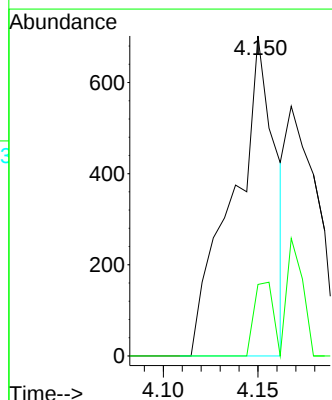
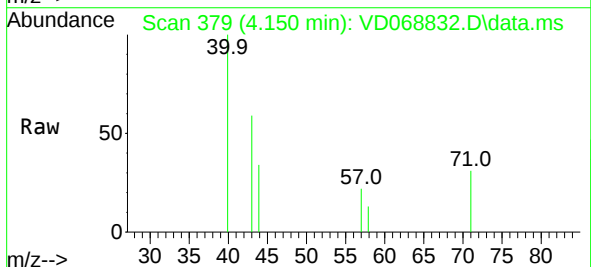
Instrument :
MSVOA_D
ClientSampled :

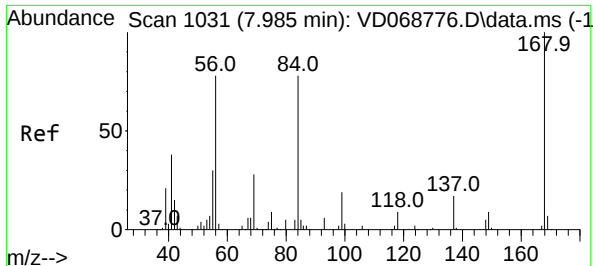
Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.65 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
58 22.4 28.0 42.0#

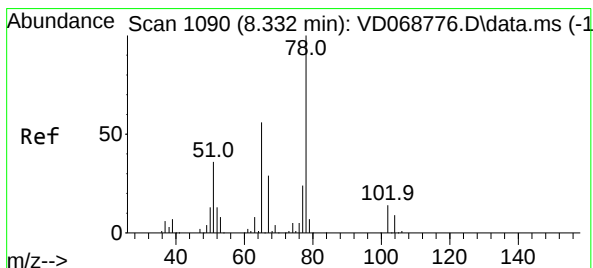
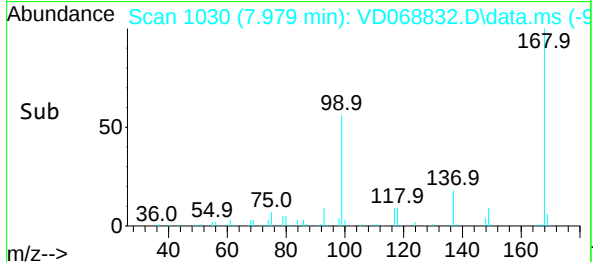
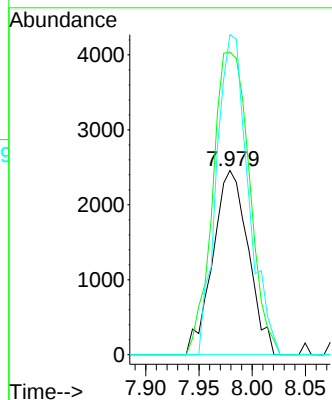
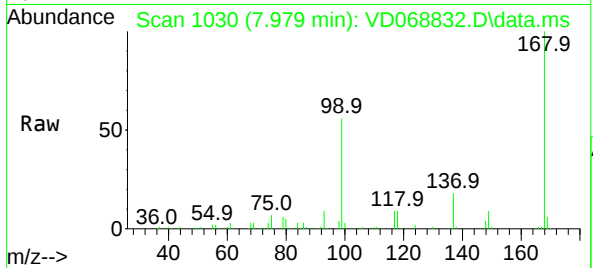




#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

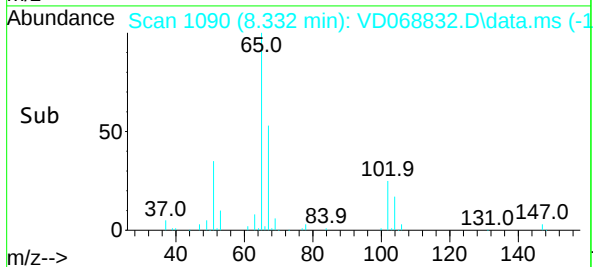
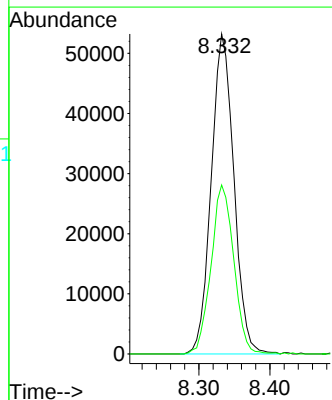
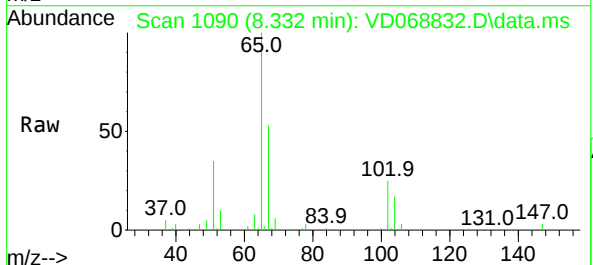
Instrument :
MSVOA_D
ClientSampleId :

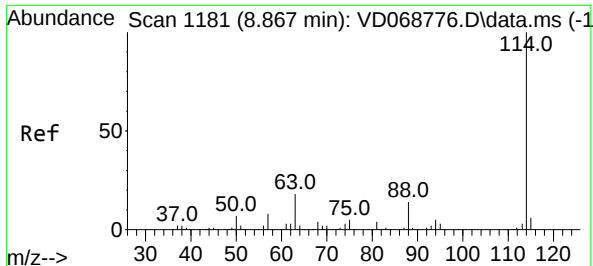
Tgt Ion: 56 Resp: 5681
Ion Ratio Lower Upper
56 100
69 164.3 30.0 45.0#
84 180.2 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 39.63 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

Tgt Ion: 65 Resp: 117709
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0

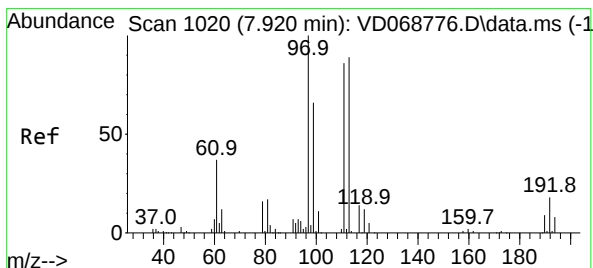
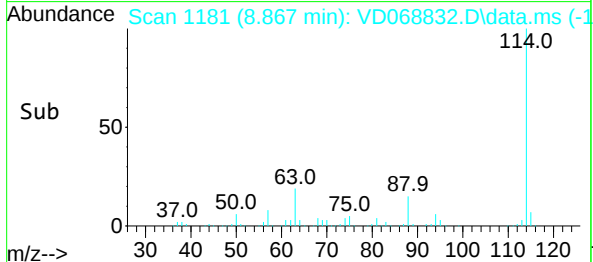
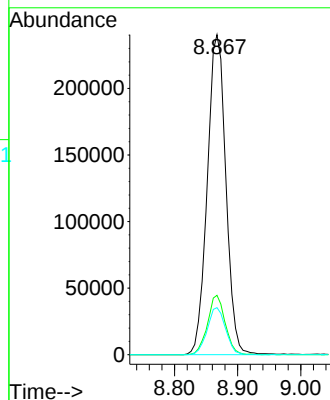
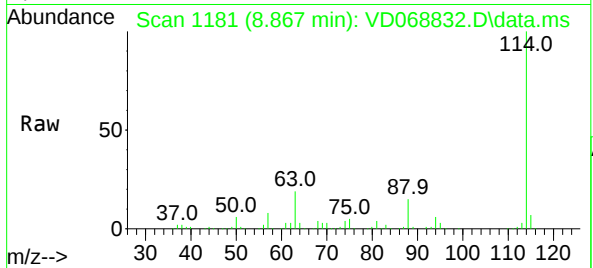




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

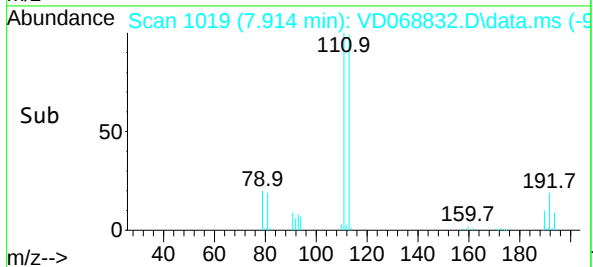
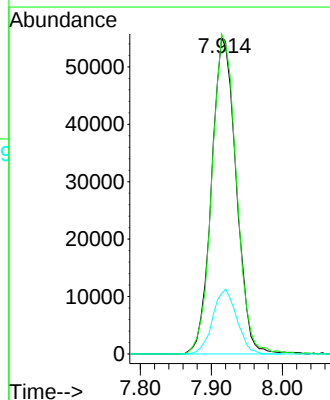
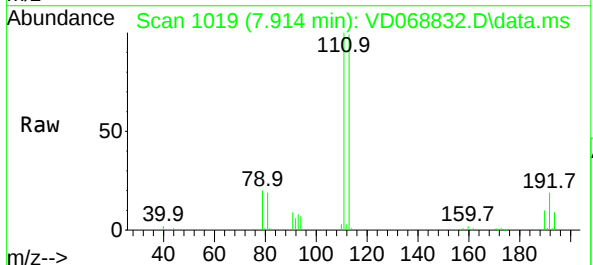
Instrument :
MSVOA_D
ClientSampled :

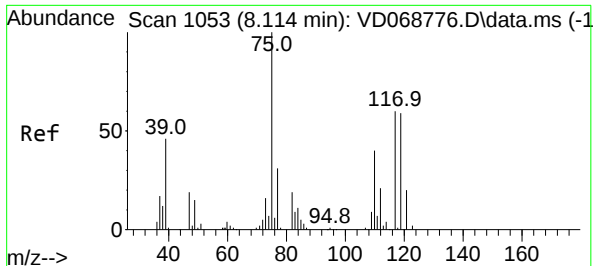
Tgt Ion:114 Resp: 491247
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.2
88 14.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 41.40 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

Tgt Ion:113 Resp: 132276
Ion Ratio Lower Upper
113 100
111 101.0 82.5 123.7
192 20.0 15.1 22.7



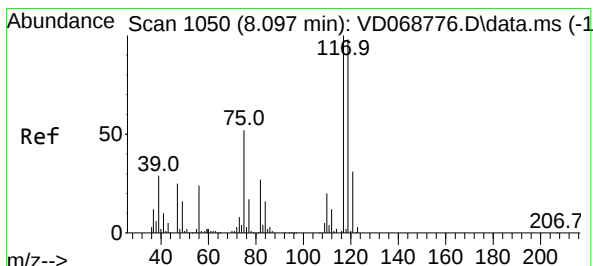
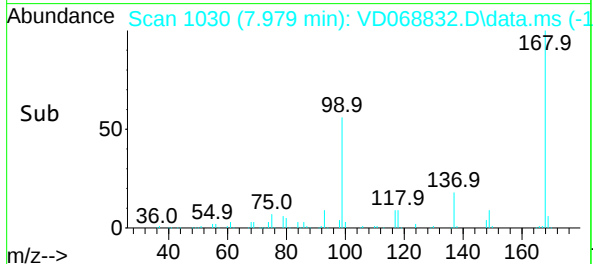
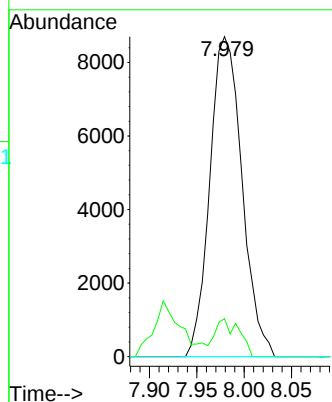
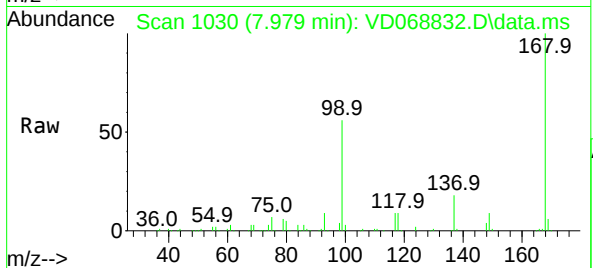


#36

1,1-Dichloropropene
Concen: 4.13 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

Instrument :
MSVOA_D
ClientSampled :

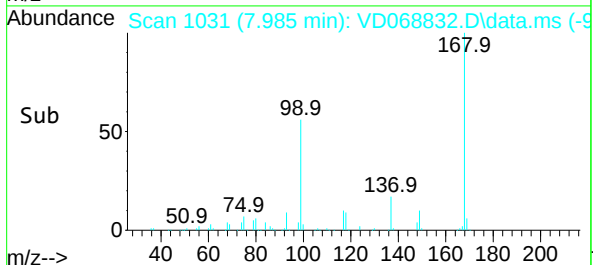
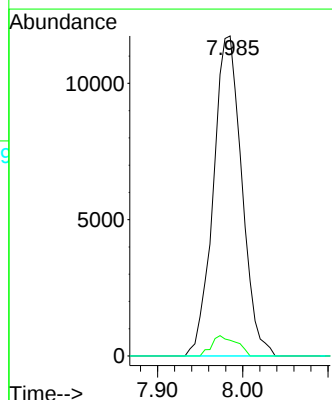
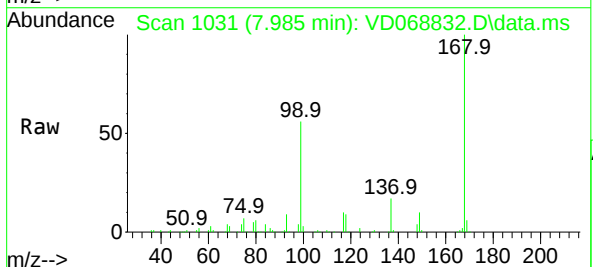
Tgt Ion: 75 Resp: 20543
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 24.7 37.1#

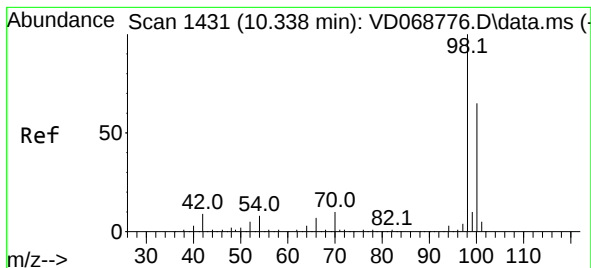


#38

Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

Tgt Ion: 117 Resp: 27270
Ion Ratio Lower Upper
117 100
119 4.9 76.6 115.0#
121 0.0 26.1 39.1#

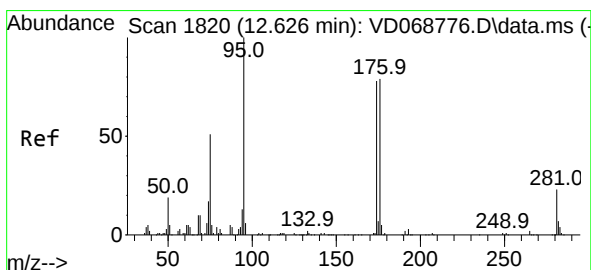
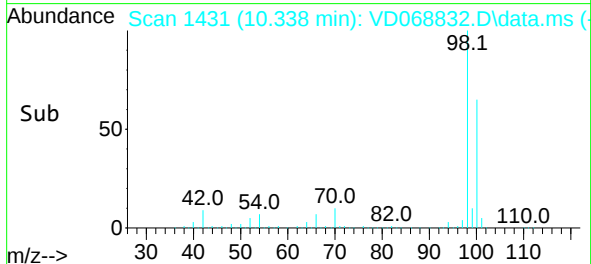
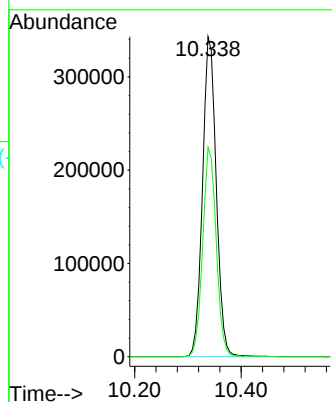
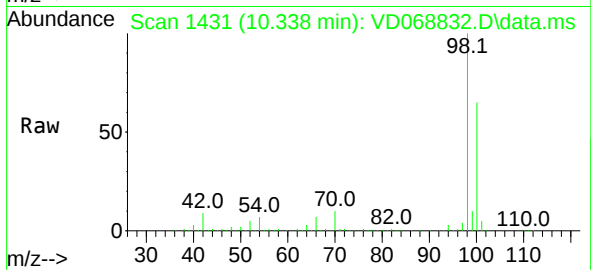




#50
Toluene-d8
Concen: 50.85 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

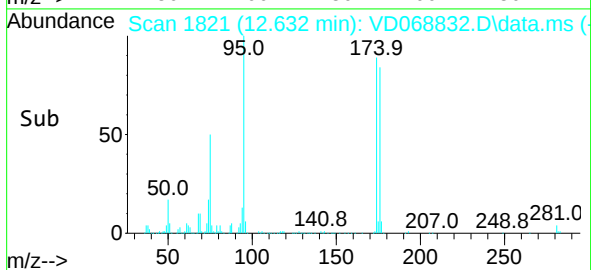
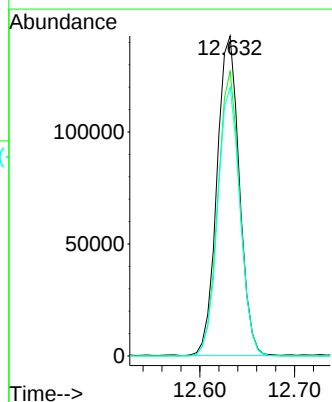
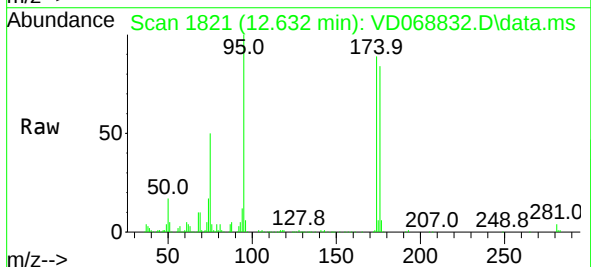
Instrument :
MSVOA_D
ClientSampled :

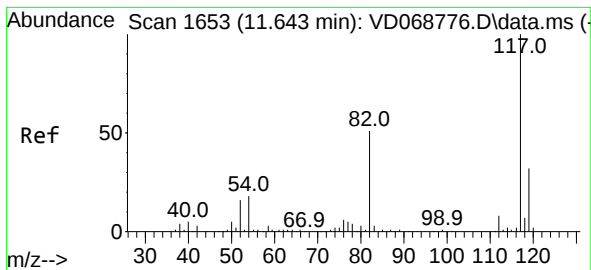
Tgt Ion: 98 Resp: 612909
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.57 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

Tgt Ion: 95 Resp: 234466
Ion Ratio Lower Upper
95 100
174 87.3 0.0 168.0
176 83.7 0.0 160.2

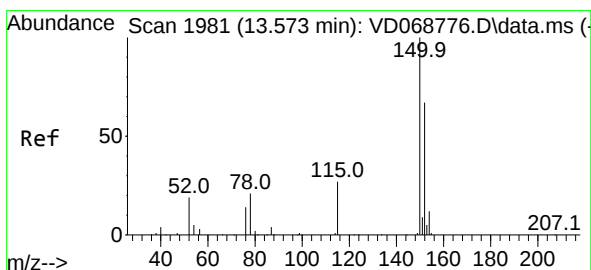
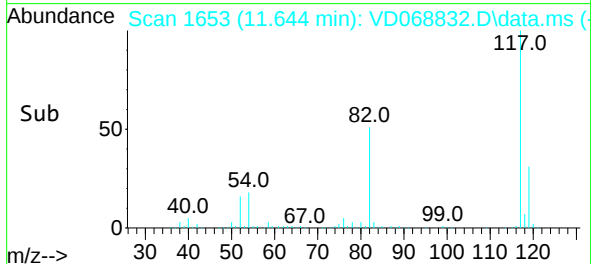
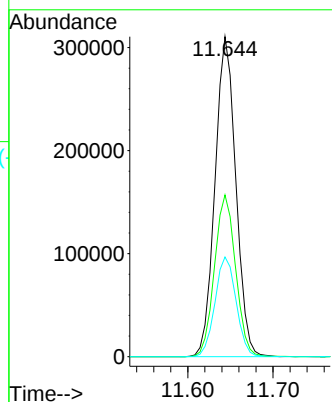
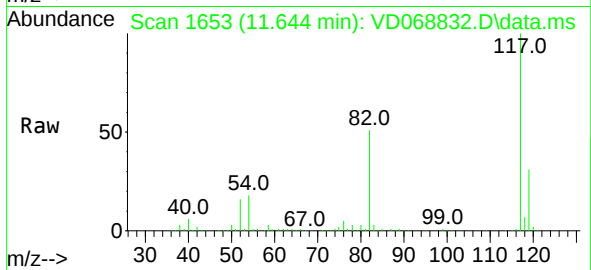




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

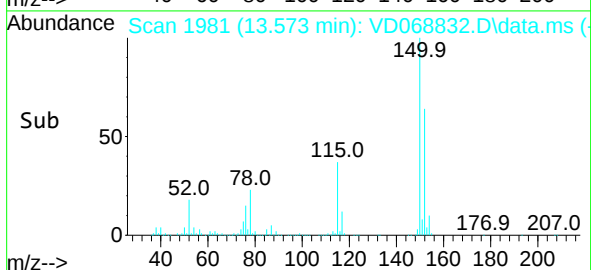
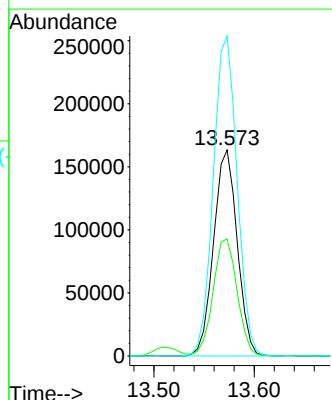
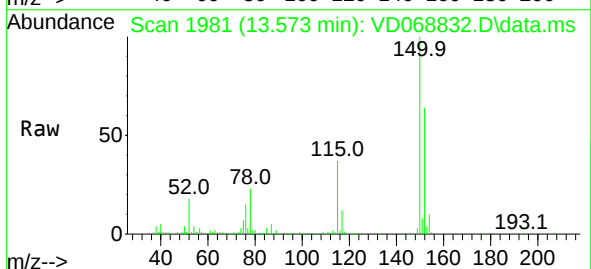
Instrument :
MSVOA_D
ClientSampleId :

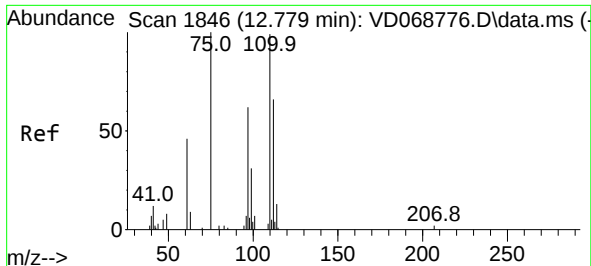
Tgt Ion:117 Resp: 526854
Ion Ratio Lower Upper
117 100
82 50.5 43.5 65.3
119 31.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

Tgt Ion:152 Resp: 266866
Ion Ratio Lower Upper
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115 58.0 29.3 87.8
150 156.7 0.0 347.6

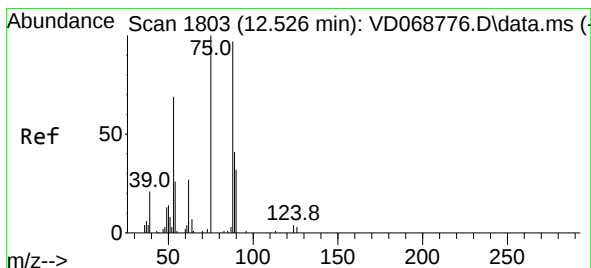
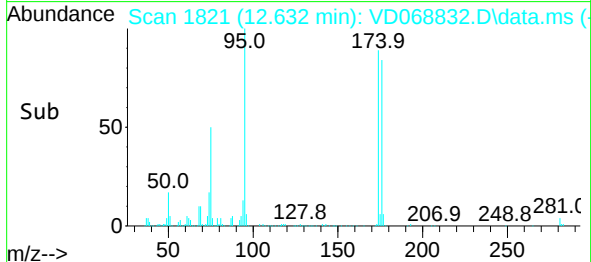
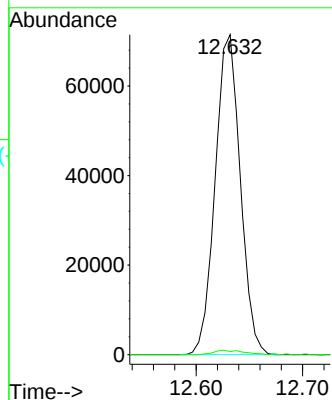
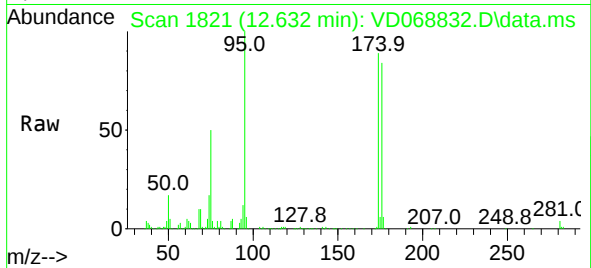




#76
1,2,3-Trichloropropane
Concen: 47.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

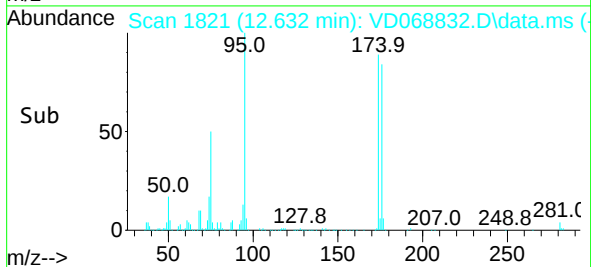
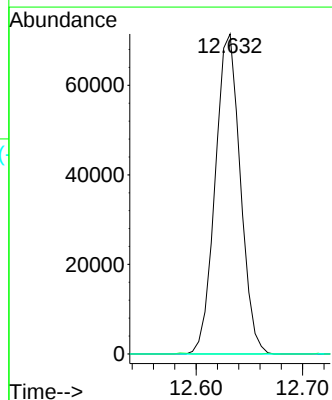
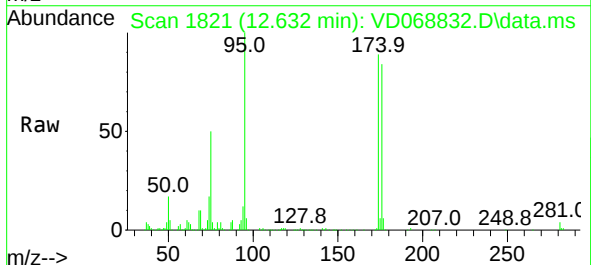
Instrument :
MSVOA_D
ClientSampleId :

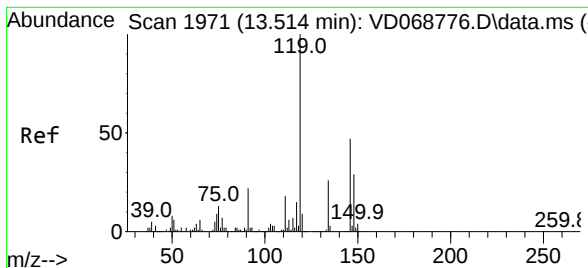
Tgt Ion: 75 Resp: 116756
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

Tgt Ion: 75 Resp: 116756
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

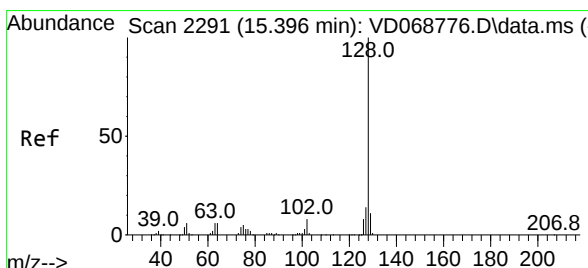
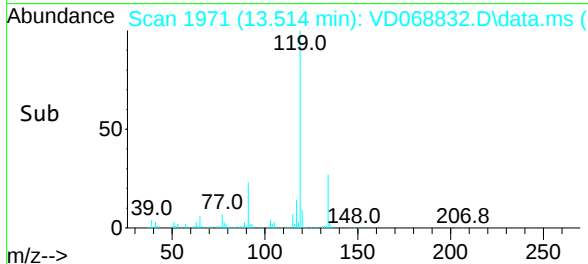
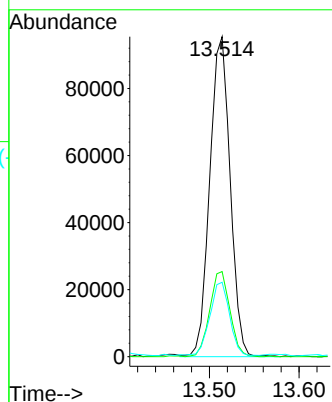
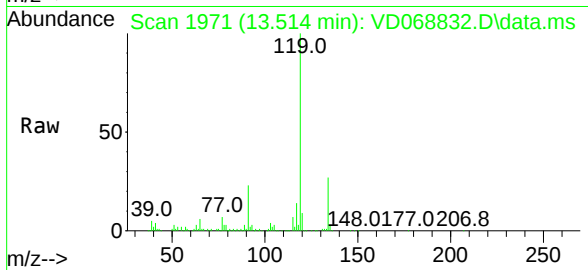




#86
p-Isopropyltoluene
Concen: 8.46 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:119 Resp: 150710
Ion Ratio Lower Upper
119 100
134 26.3 13.3 39.9
91 22.5 11.1 33.1



#95
Naphthalene
Concen: 1.36 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. -0.005 min
Lab File: VD068832.D
Acq: 12 Apr 2021 15:12

Tgt Ion:128 Resp: 11799
Ion Ratio Lower Upper
128 100
127 15.7 10.2 15.4#
129 16.3 8.9 13.3#

