

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068974.D
 Acq On : 23 Apr 2021 18:21
 Operator : VA/SY
 Sample : M2152-10
 Misc : 6.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 09:52:15 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)

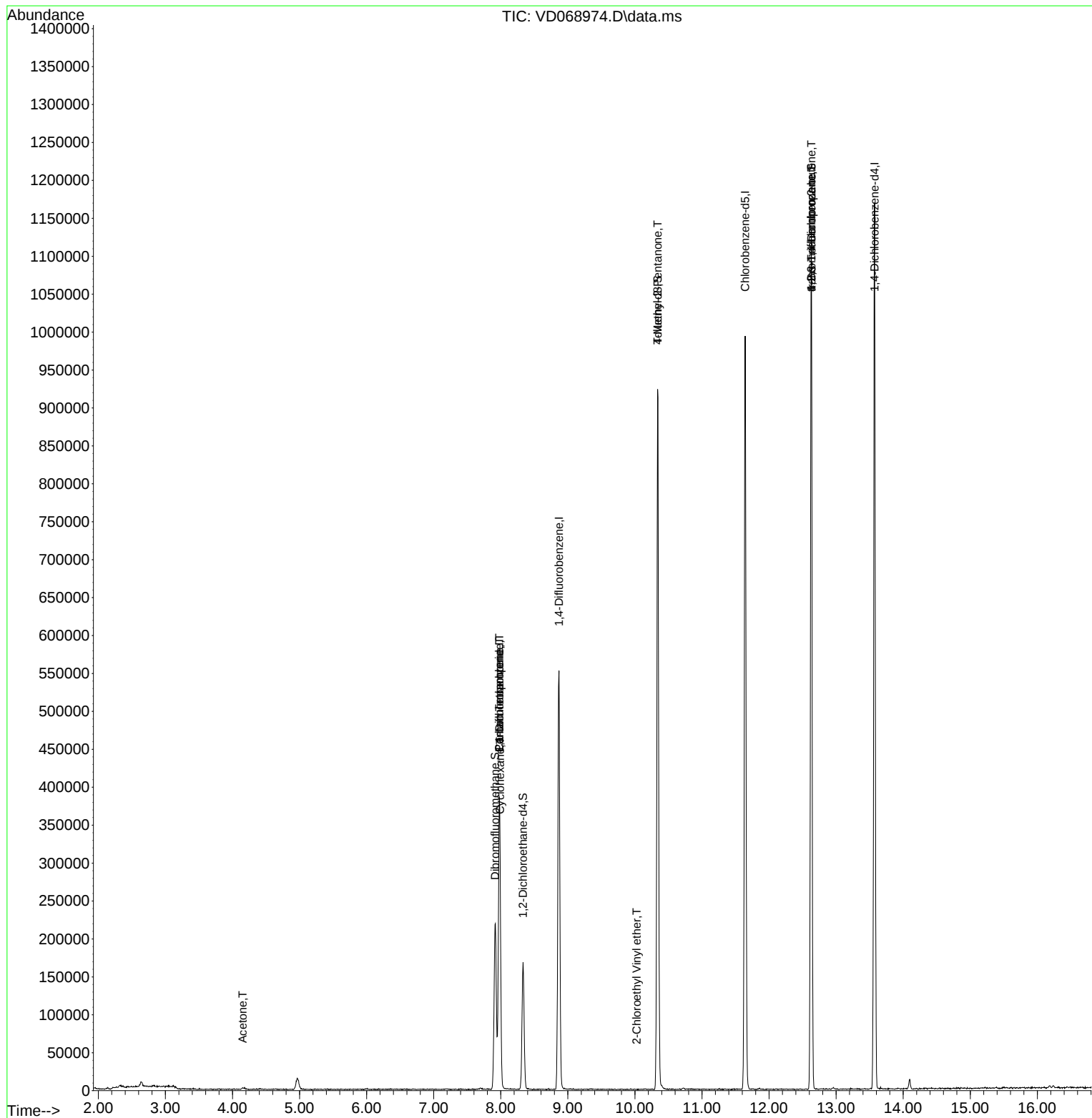
Internal Standards						
1) Pentafluorobenzene	7.979	168	298531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	513185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	607702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	316314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	126967	40.24	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.48%		
35) Dibromofluoromethane	7.914	113	157741	47.26	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.52%		
50) Toluene-d8	10.338	98	650379	51.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.30%		
62) 4-Bromofluorobenzene	12.632	95	281135	67.22	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	134.44%		
Target Compounds						
11) Tert butyl alcohol	5.226	59	87	Below Cal	#	73
16) Acetone	4.150	43	2238	5.12	ug/l	96
20) Methylene Chloride	4.961	84	12945	Below Cal	#	76
31) Cyclohexane	7.991	56	5952	1.13	ug/l	# 38
36) 1,1-Dichloropropene	7.979	75	22273	4.29	ug/l	# 49
38) Carbon Tetrachloride	7.979	117	30161	5.86	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.338	43	2001	1.28	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	10.026	63	68	17.03	ug/l	# 44
76) 1,2,3-Trichloropropane	12.632	75	141988	49.14	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	141988	114.03	ug/l	# 16

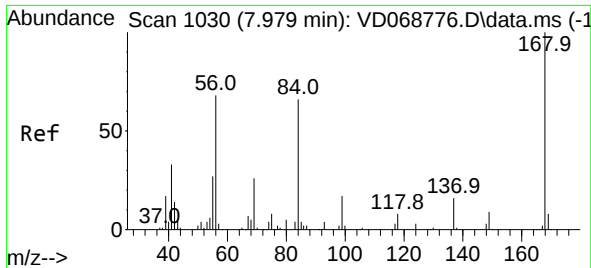
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

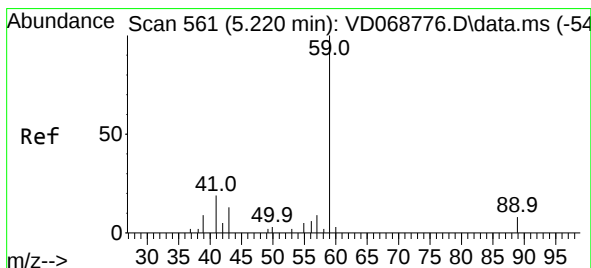
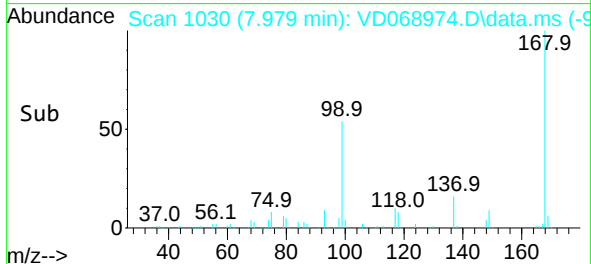
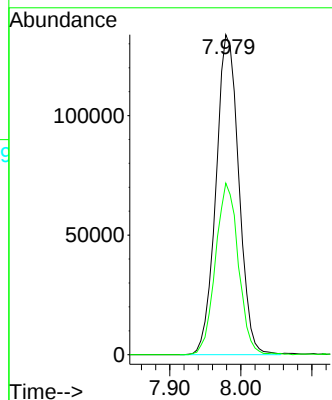
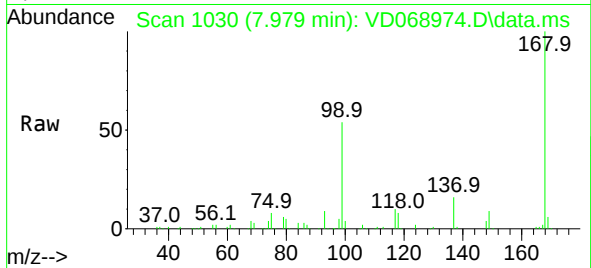




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

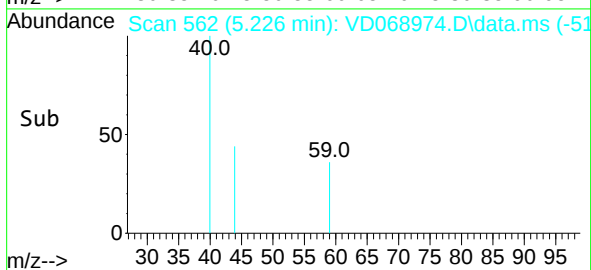
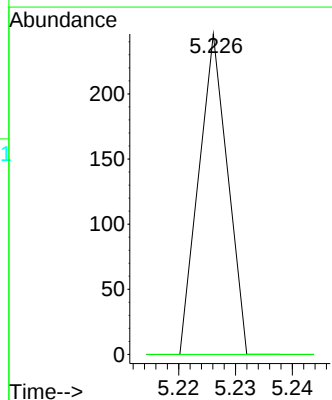
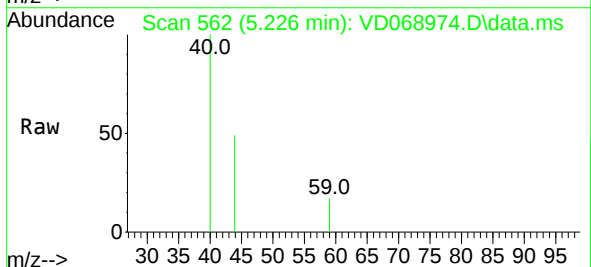
Instrument :
MSVOA_D
ClientSampleId :

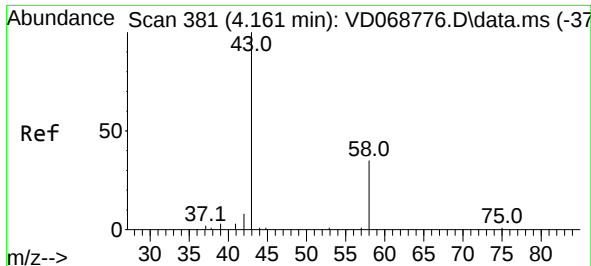
Tgt Ion:168 Resp: 298531
Ion Ratio Lower Upper
168 100
99 53.6 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

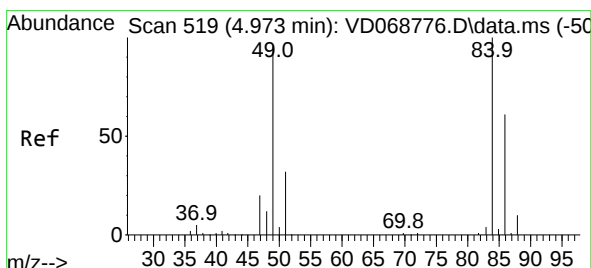
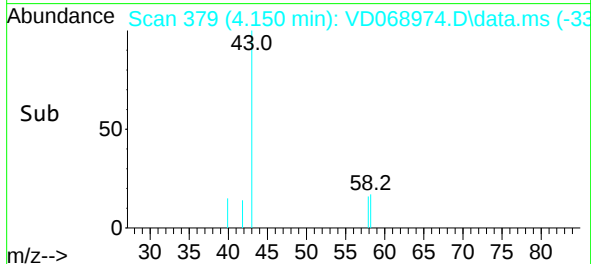
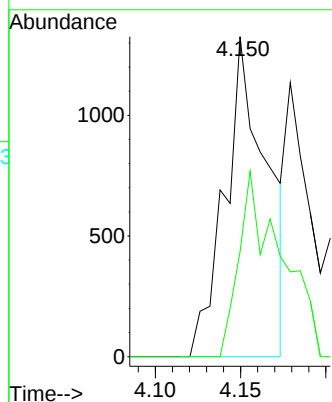
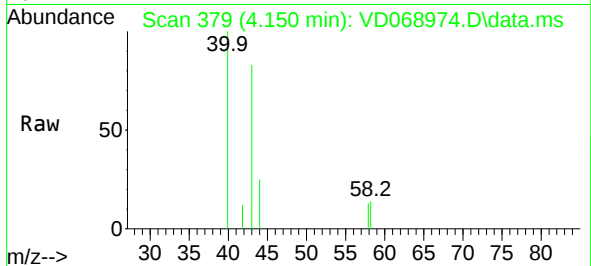




#16
Acetone
Concen: 5.12 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

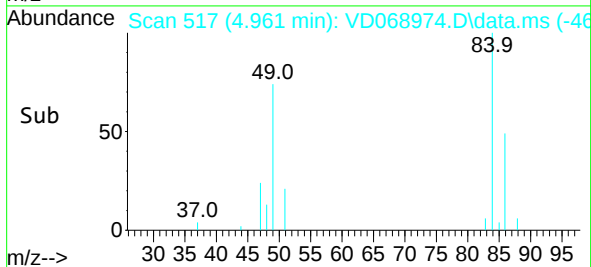
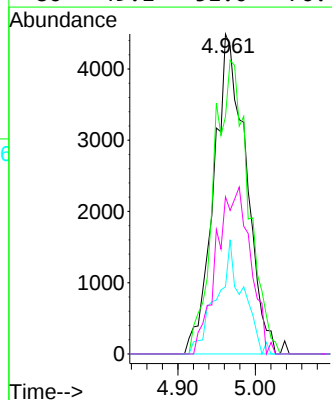
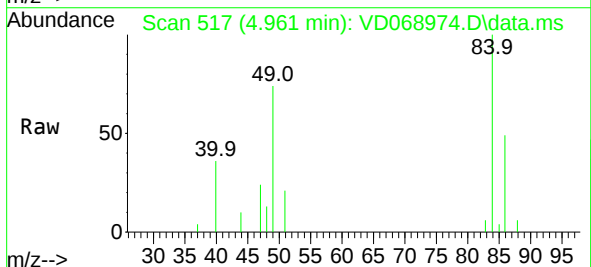
Instrument :
MSVOA_D
ClientSampled :

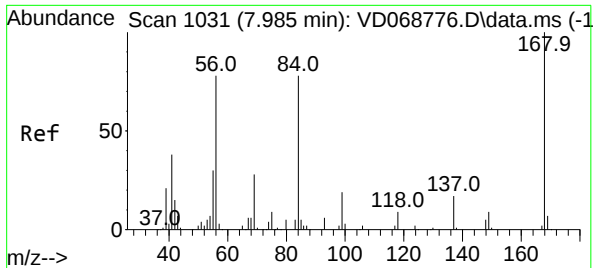
Tgt Ion: 43 Resp: 2238
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

Tgt Ion: 84 Resp: 12945
Ion Ratio Lower Upper
84 100
49 74.1 83.4 125.0#
51 21.0 23.4 35.2#
86 49.1 51.0 76.4#

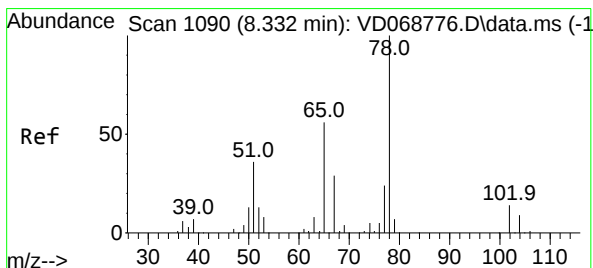
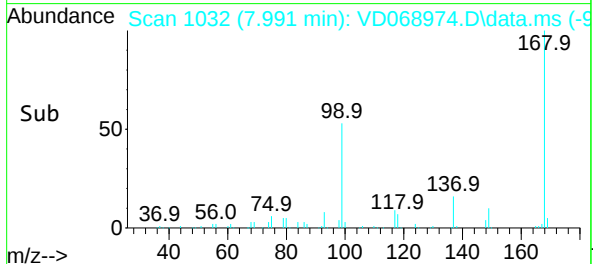
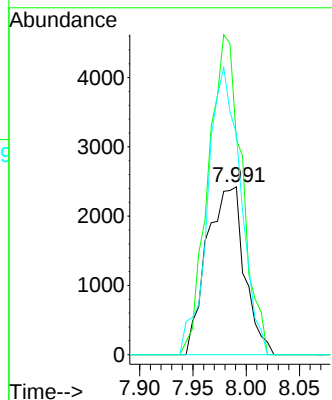
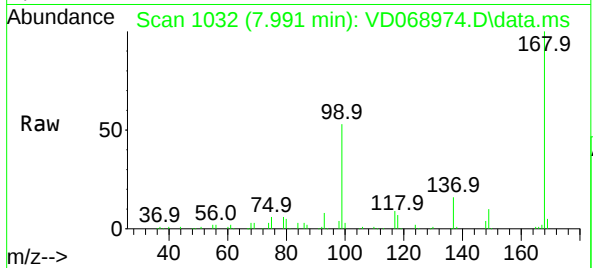




#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

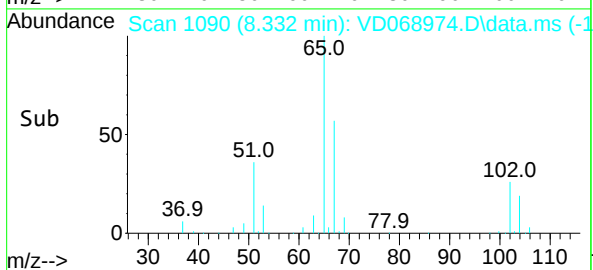
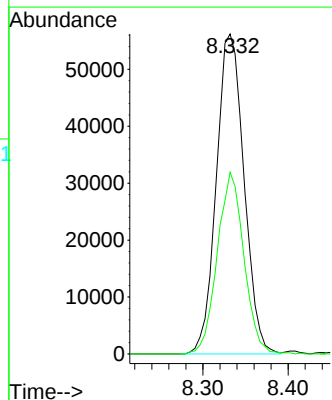
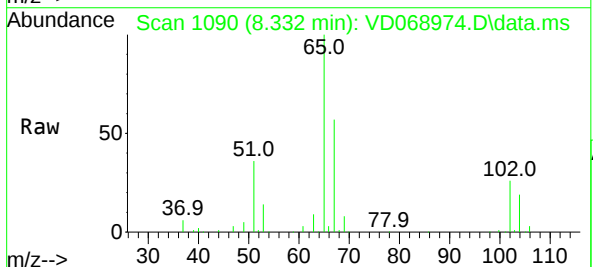
Instrument :
MSVOA_D
ClientSampled :

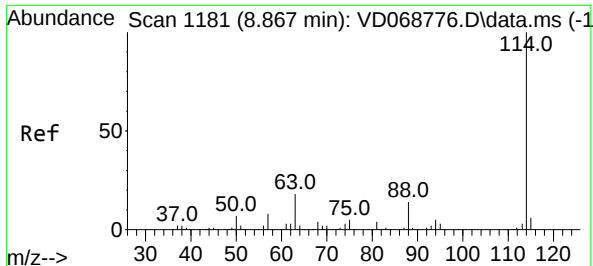
Tgt Ion: 56 Resp: 5952
Ion Ratio Lower Upper
56 100
69 128.6 30.0 45.0#
84 131.8 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 40.24 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

Tgt Ion: 65 Resp: 126967
Ion Ratio Lower Upper
65 100
67 54.7 0.0 106.0

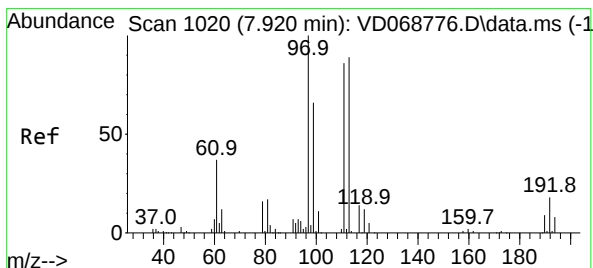
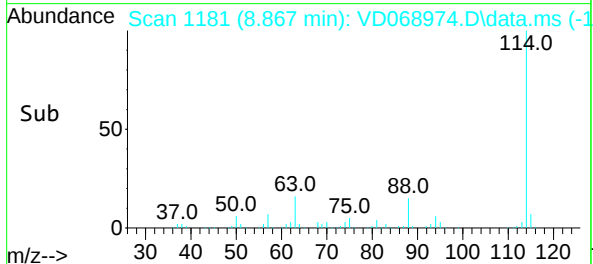
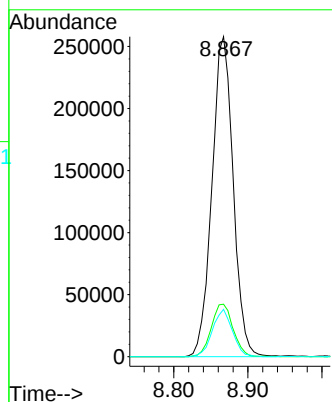
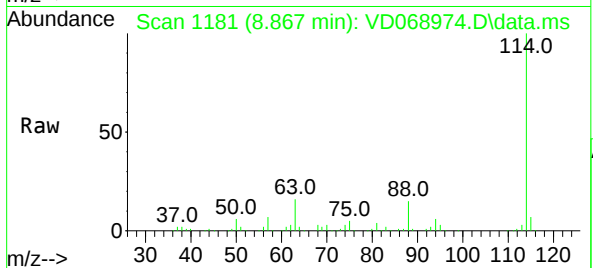




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

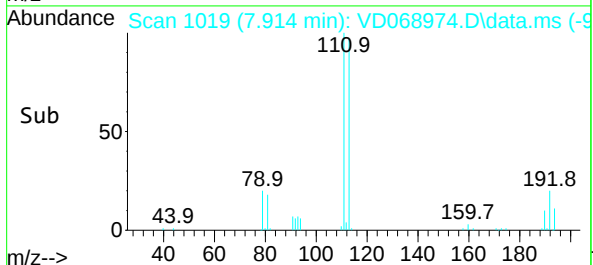
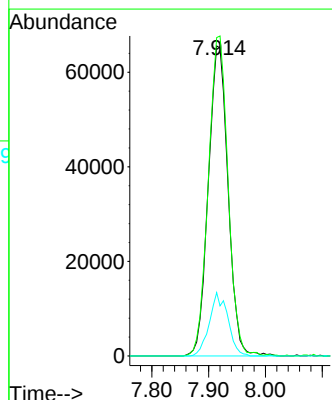
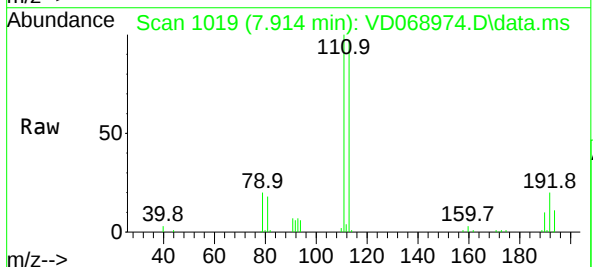
Instrument :
MSVOA_D
ClientSampled :

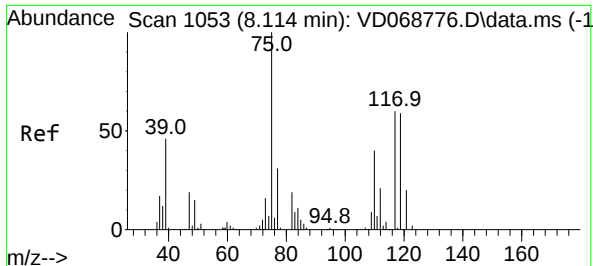
Tgt Ion:114 Resp: 513185
Ion Ratio Lower Upper
114 100
63 16.4 0.0 38.2
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.26 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

Tgt Ion:113 Resp: 157741
Ion Ratio Lower Upper
113 100
111 103.0 82.5 123.7
192 19.2 15.1 22.7

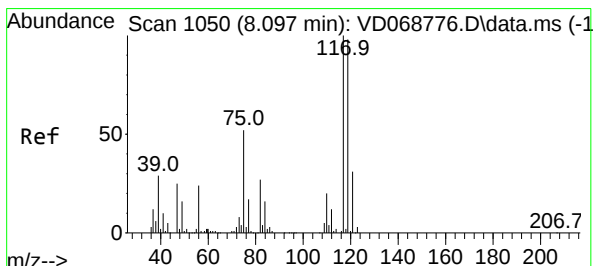
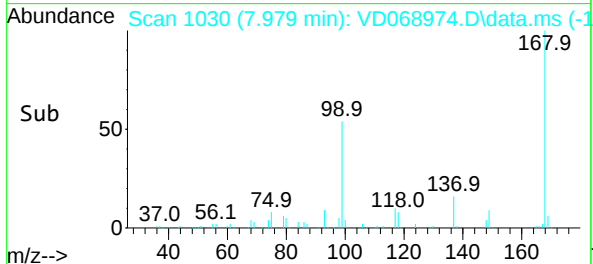
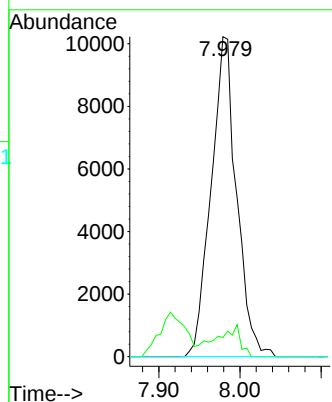
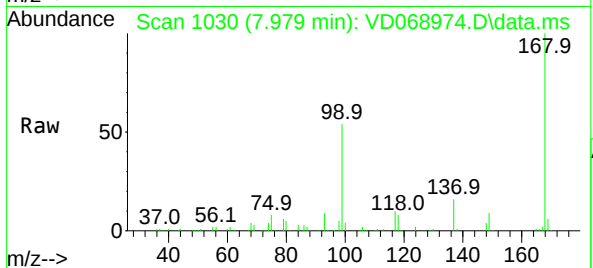




#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

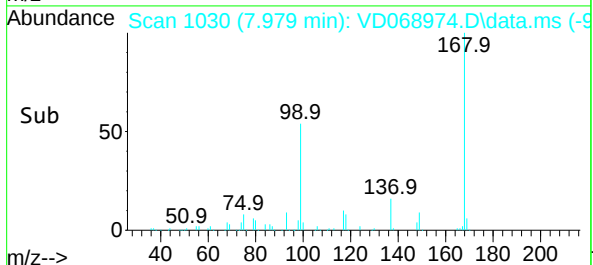
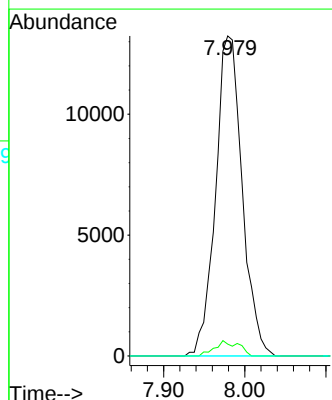
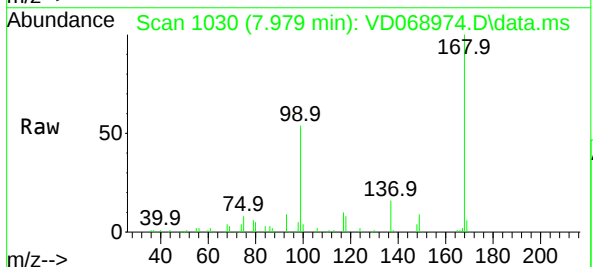
Instrument :
MSVOA_D
ClientSampleId :

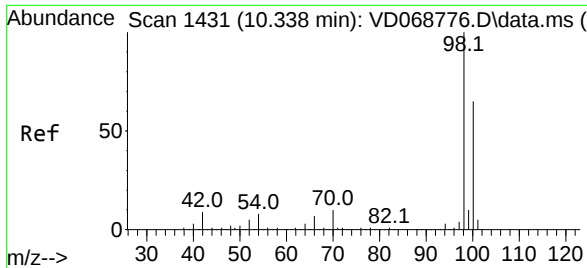
Tgt Ion: 75 Resp: 22273
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.86 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

Tgt Ion: 117 Resp: 30161
Ion Ratio Lower Upper
117 100
119 3.7 76.6 115.0#
121 0.0 26.1 39.1#

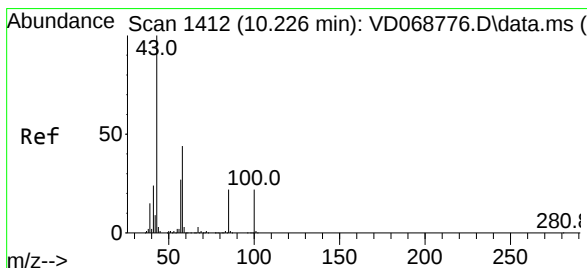
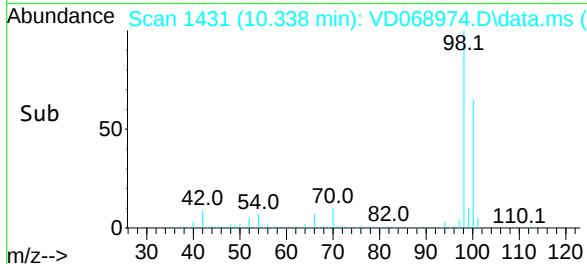
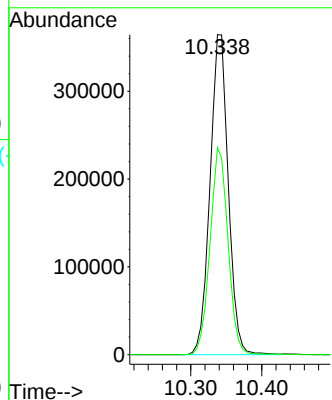
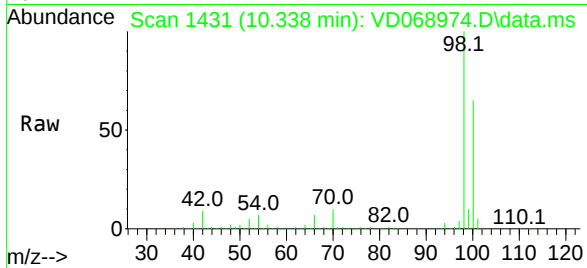




#50
Toluene-d8
Concen: 51.65 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

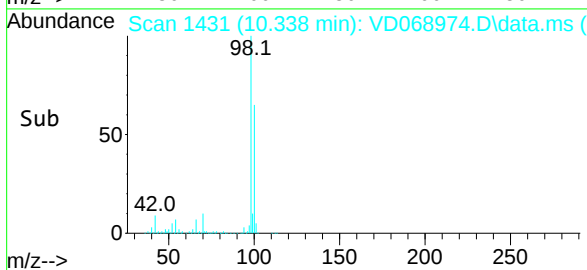
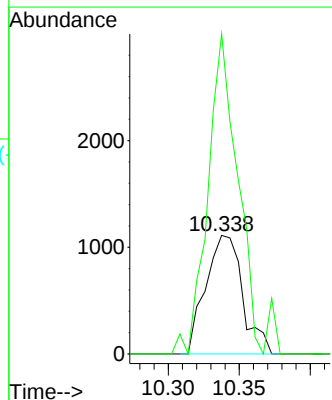
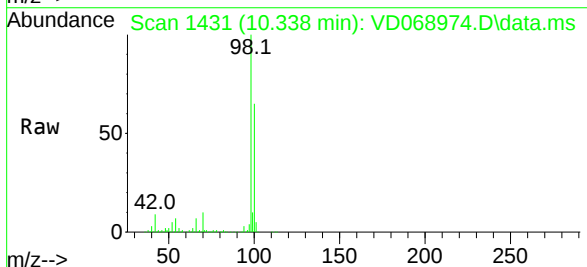
Instrument :
MSVOA_D
ClientSampleId :

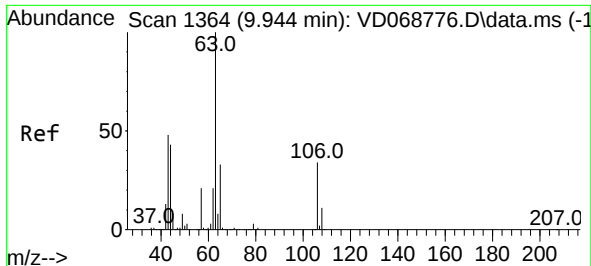
Tgt Ion: 98 Resp: 650379
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.28 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
58 218.0 37.3 55.9#

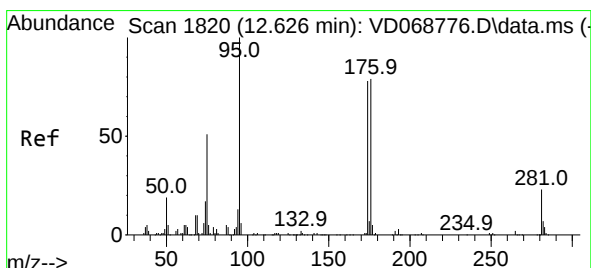
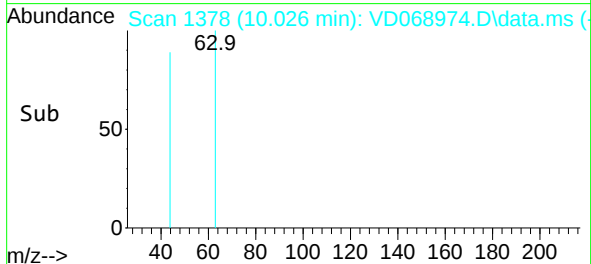
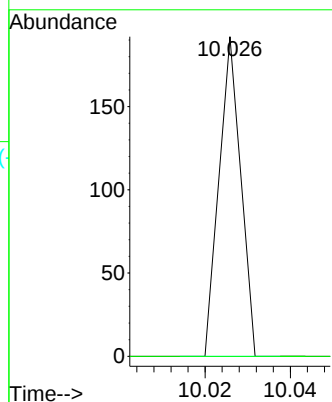
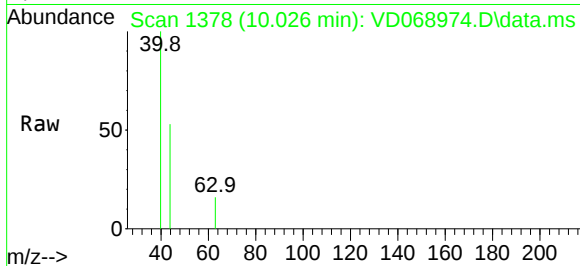




#58
2-Chloroethyl Vinyl ether
Concen: 17.03 ug/l
RT: 10.026 min Scan# 1378
Delta R.T. 0.082 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

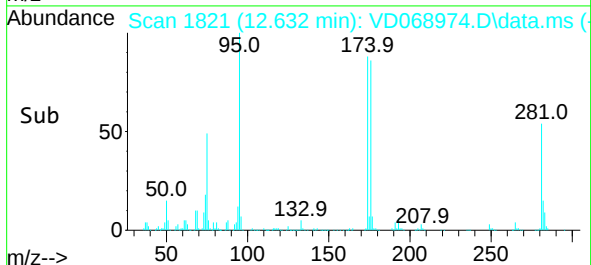
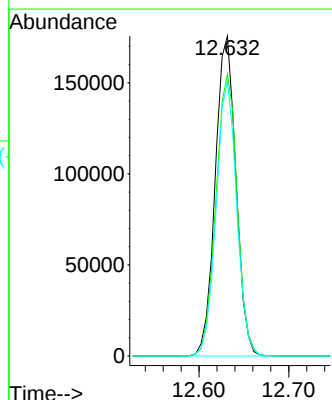
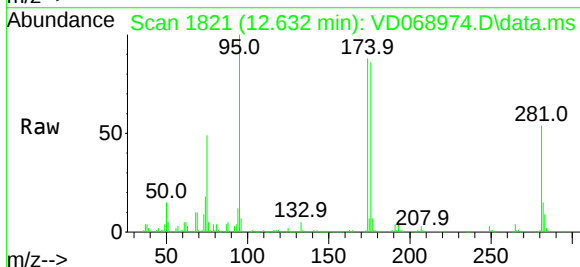
Instrument :
MSVOA_D
ClientSampleId :

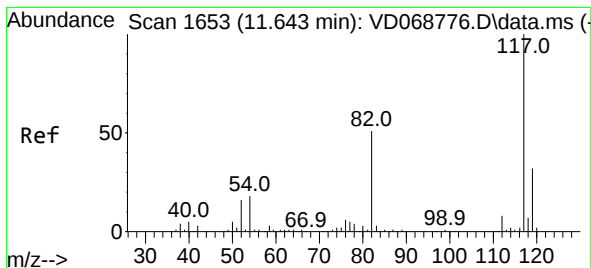
Tgt Ion: 63 Resp: 68
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 67.22 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

Tgt Ion: 95 Resp: 281135
Ion Ratio Lower Upper
95 100
174 90.6 0.0 168.0
176 84.9 0.0 160.2

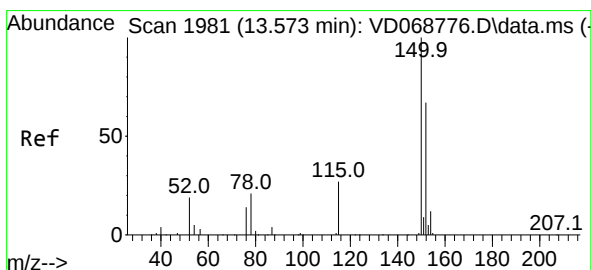
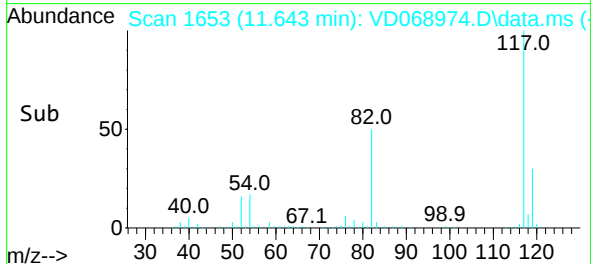
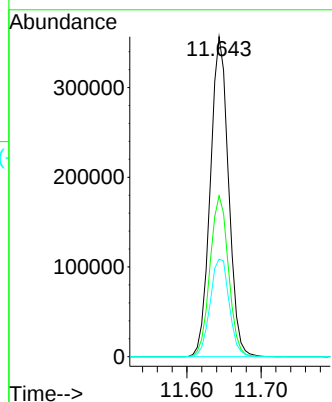
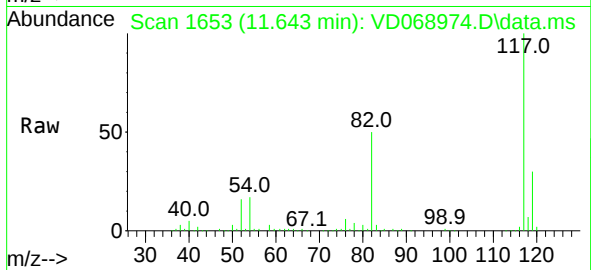




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

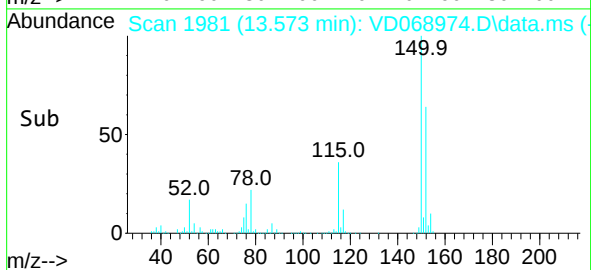
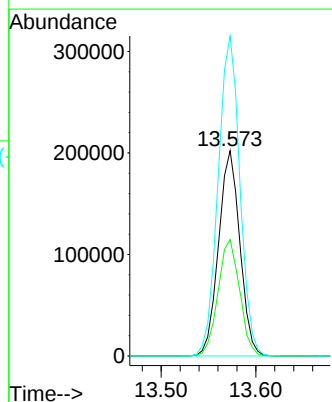
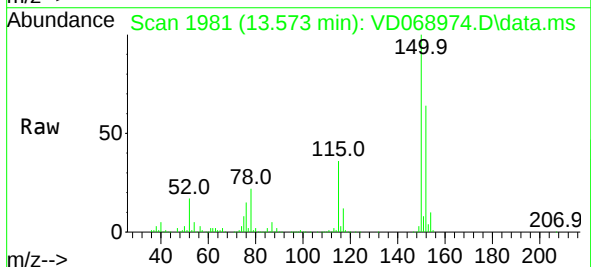
Instrument :
MSVOA_D
ClientSampled :

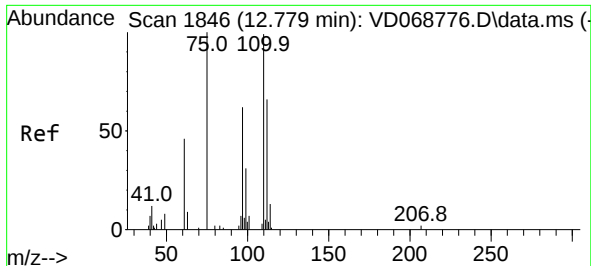
Tgt Ion:117 Resp: 607702
Ion Ratio Lower Upper
117 100
82 50.3 43.5 65.3
119 30.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

Tgt Ion:152 Resp: 316314
Ion Ratio Lower Upper
152 100
115 57.5 29.3 87.8
150 158.8 0.0 347.6

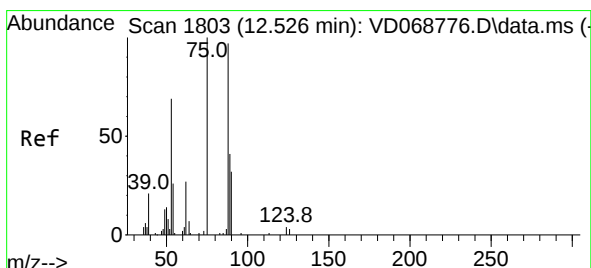
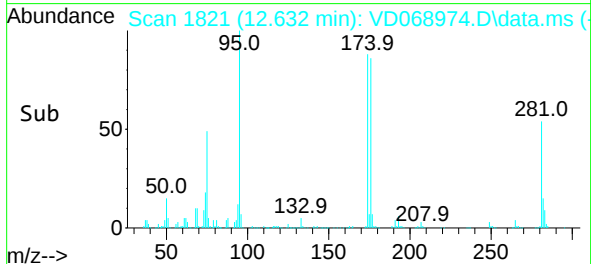
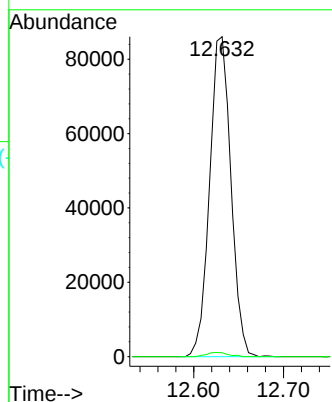
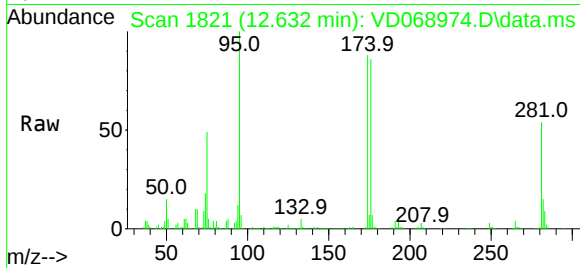




#76
1,2,3-Trichloropropane
Concen: 49.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 141988
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068974.D
Acq: 23 Apr 2021 18:21

Tgt Ion: 75 Resp: 141988
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

