

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069485.D
 Acq On : 17 Jun 2021 17:44
 Operator : VA/SY
 Sample : M2745-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jun 18 01:28:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

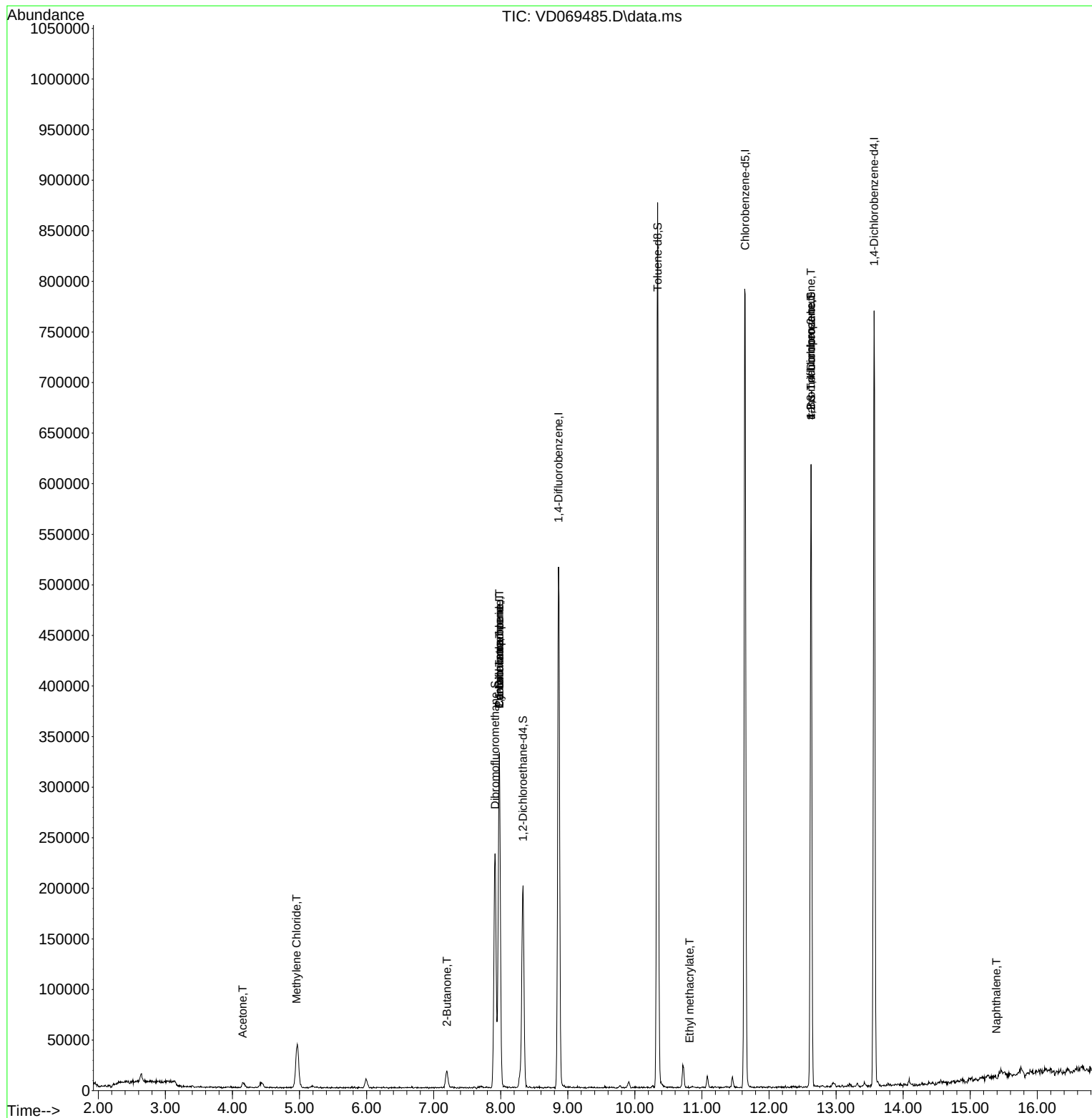
Internal Standards						
1) Pentafluorobenzene	7.979	168	245619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	456415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	481768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	216195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	159334	57.501	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.000%			
35) Dibromofluoromethane	7.914	113	169637	49.622	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.240%			
50) Toluene-d8	10.338	98	592056	47.352	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.700%			
62) 4-Bromofluorobenzene	12.626	95	193587	48.254	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.500%			
Target Compounds						Qvalue
5) Bromomethane	2.779	94	389	Below Cal	#	53
16) Acetone	4.150	43	8954	19.522	ug/l	98
18) Methyl Acetate	4.885	43	71	Below Cal	#	46
20) Methylene Chloride	4.956	84	36998	4.890	ug/l	94
25) 2-Butanone	7.197	43	957	1.673	ug/l	# 45
31) Cyclohexane	7.979	56	5297	1.407	ug/l	# 1
36) 1,1-Dichloropropene	7.979	75	19409	4.084	ug/l	# 49
38) Carbon Tetrachloride	7.979	117	24481	4.755	ug/l	# 16
56) Ethyl methacrylate	10.814	69	57	2.841	ug/l	# 31
76) 1,2,3-Trichloropropane	12.626	75	94948	43.319	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	94948	115.563	ug/l	# 18
95) Naphthalene	15.390	128	381	3.618	ug/l	# 69

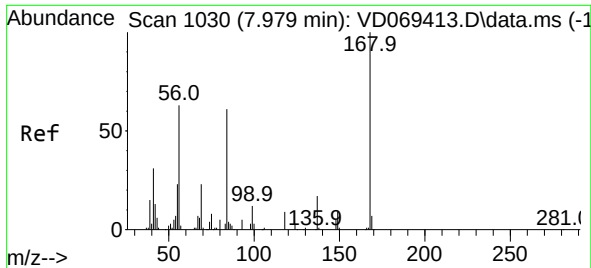
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 11 12:50:13 2021
Response via : Initial Calibration

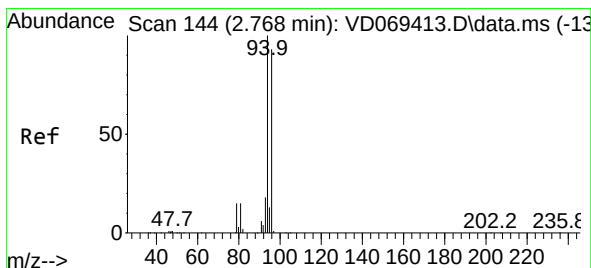
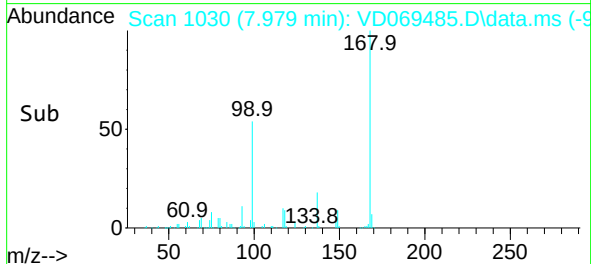
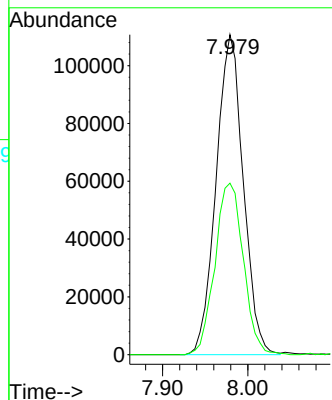
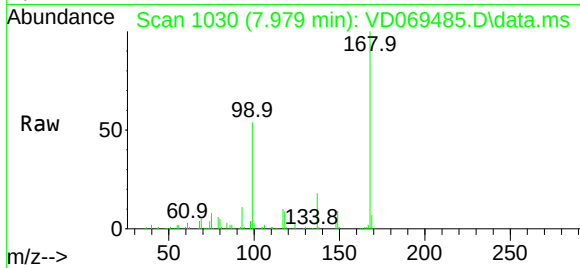




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

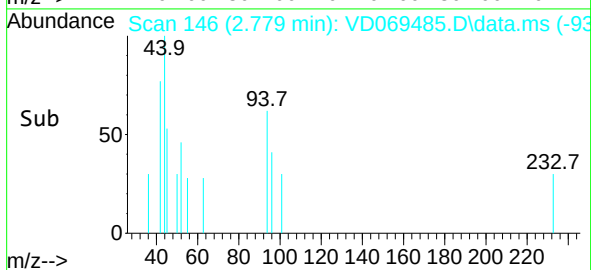
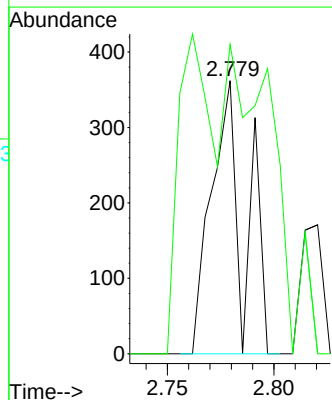
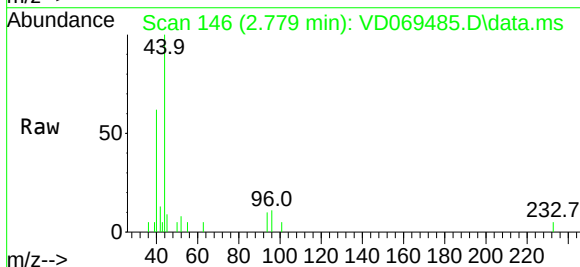
Instrument :
MSVOA_D
ClientSampled :
VOC

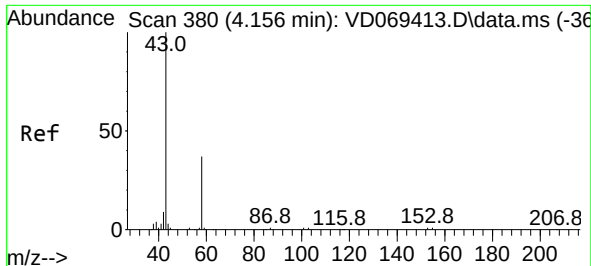
Tgt Ion:168 Resp: 245619
Ion Ratio Lower Upper
168 100
99 53.6 46.2 69.2



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 44.2 70.3 105.5#

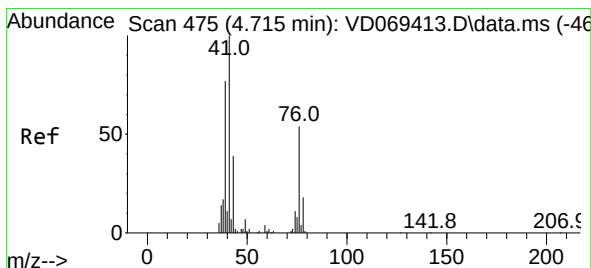
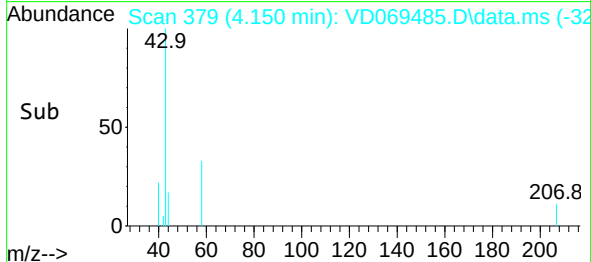
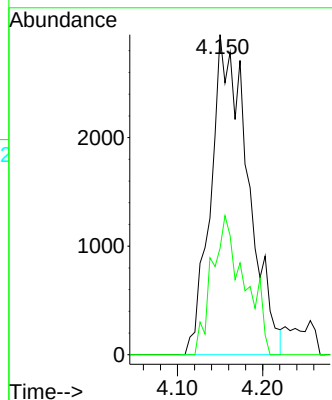
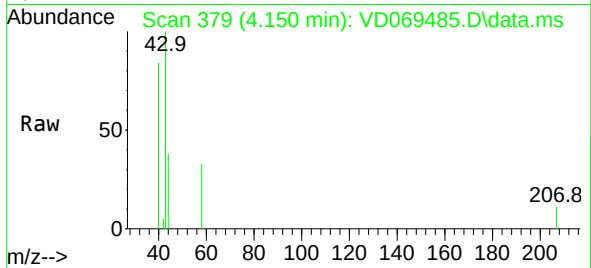




#16
Acetone
Concen: 19.522 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

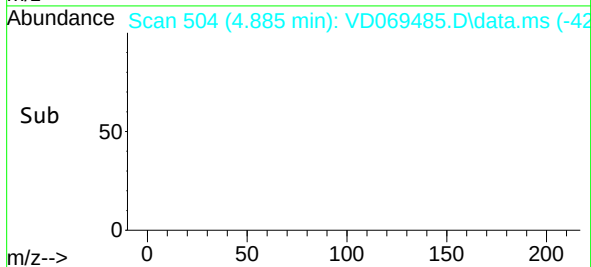
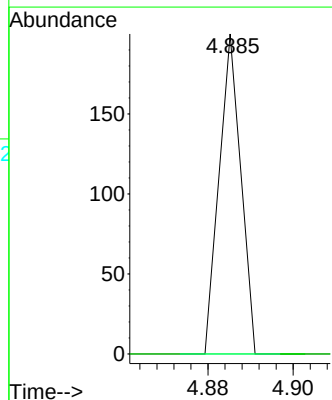
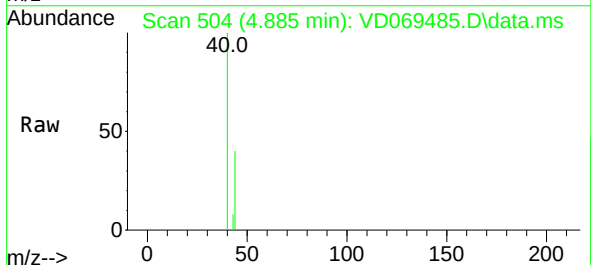
Instrument :
MSVOA_D
ClientSampleId :
VOC

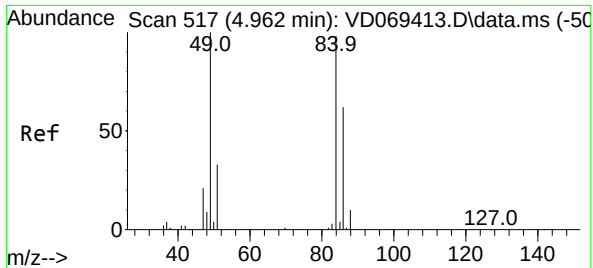
Tgt Ion: 43 Resp: 8954
Ion Ratio Lower Upper
43 100
58 33.2 27.5 41.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.885 min Scan# 504
Delta R.T. 0.170 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

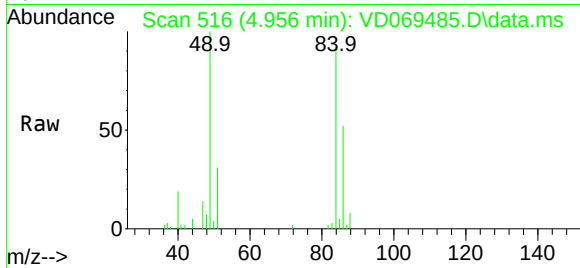
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



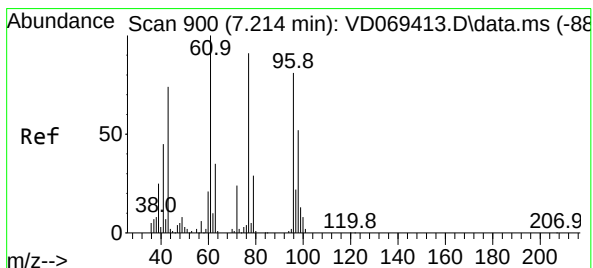
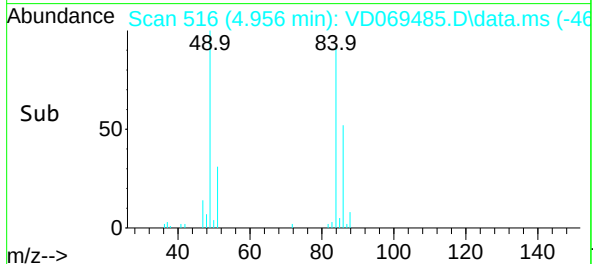
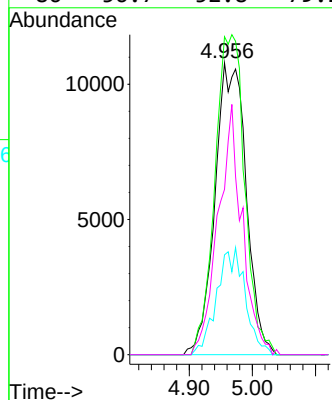


#20
Methylene Chloride
Concen: 4.890 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Instrument :
MSVOA_D
ClientSampled :
VOC

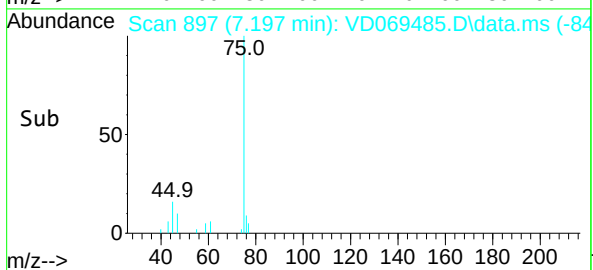
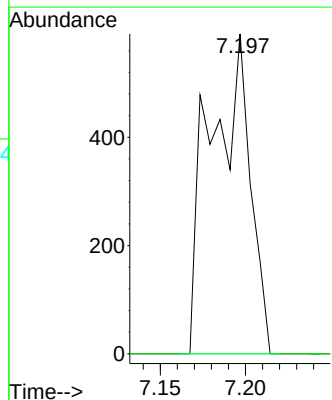
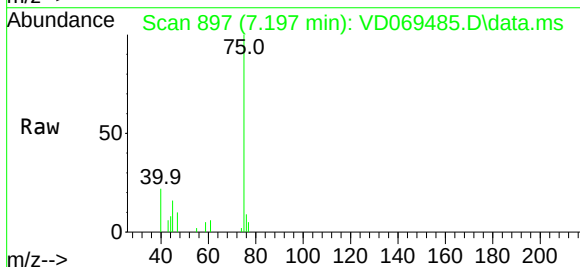


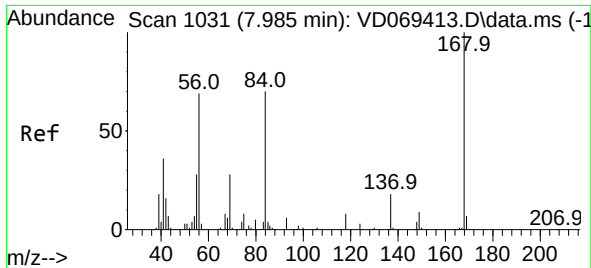
Tgt Ion:	84	Resp:	36998
Ion	Ratio	Lower	Upper
84	100		
49	109.0	83.7	125.5
51	34.2	26.4	39.6
86	56.7	52.8	79.2



#25
2-Butanone
Concen: 1.673 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.017 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Tgt Ion:	43	Resp:	957
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.9	35.9#

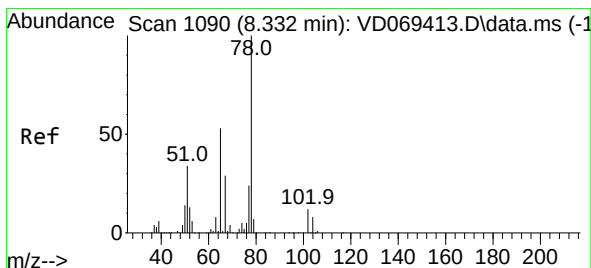
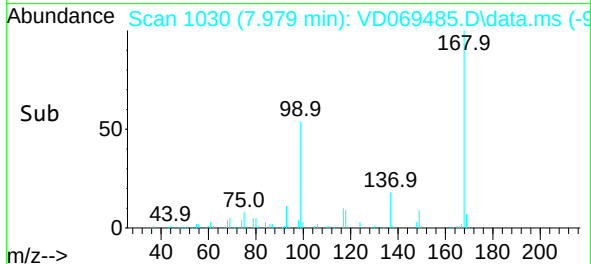
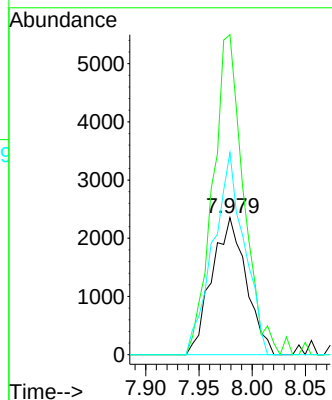
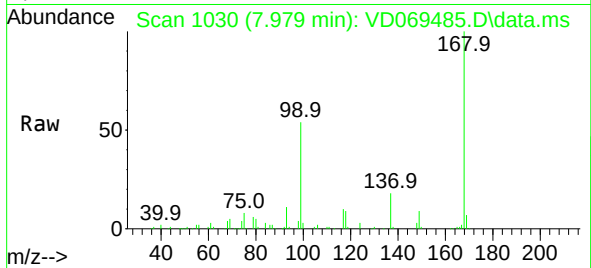




#31
Cyclohexane
Concen: 1.407 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

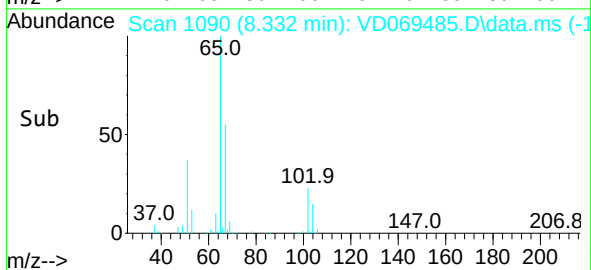
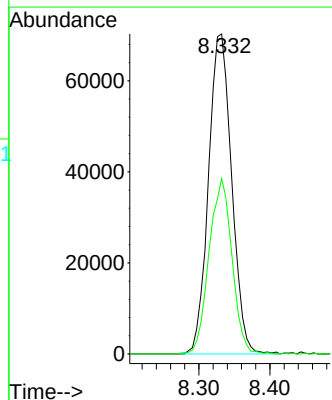
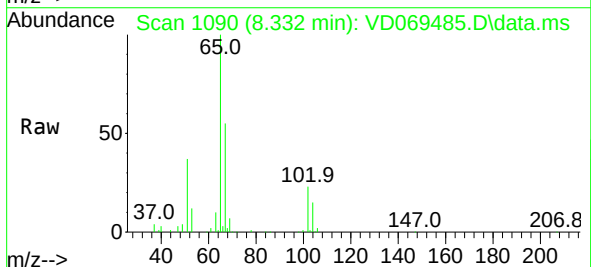
Instrument :
MSVOA_D
ClientSampled :
VOC

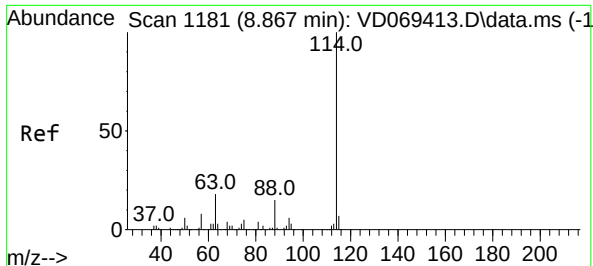
Tgt Ion: 56 Resp: 5297
Ion Ratio Lower Upper
56 100
69 233.8 29.0 43.4#
84 147.8 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 57.501 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Tgt Ion: 65 Resp: 159334
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.8



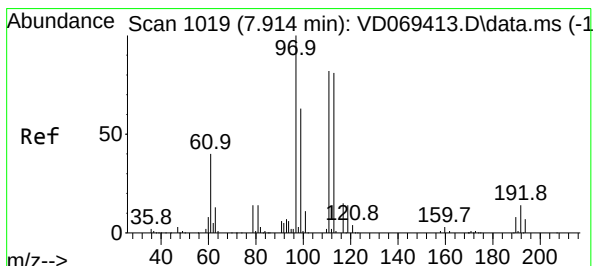
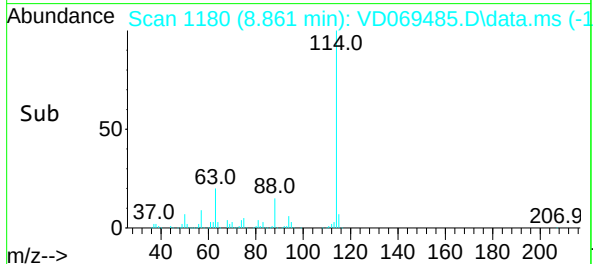
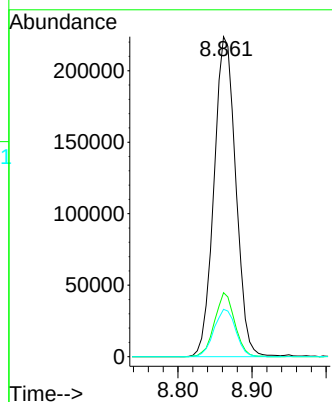
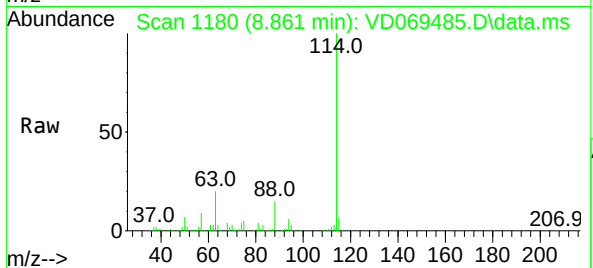


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Instrument :
MSVOA_D
ClientSampled :
VOC

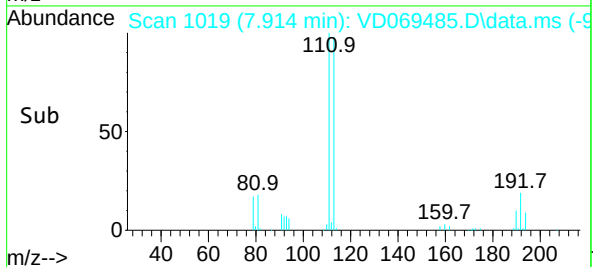
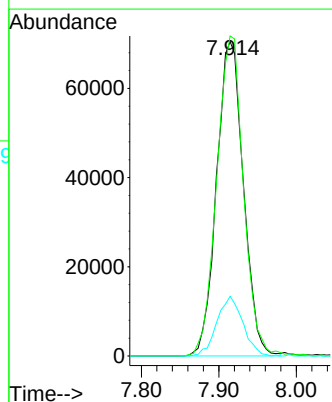
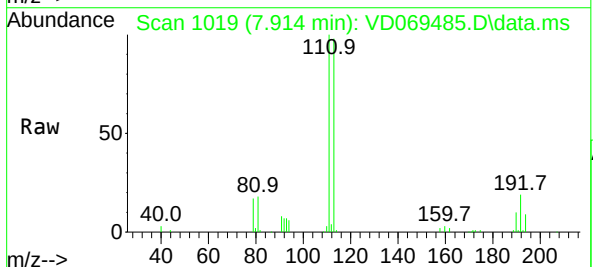
Tgt Ion:114 Resp: 456415
Ion Ratio Lower Upper
114 100
63 20.0 0.0 35.6
88 14.8 0.0 31.2

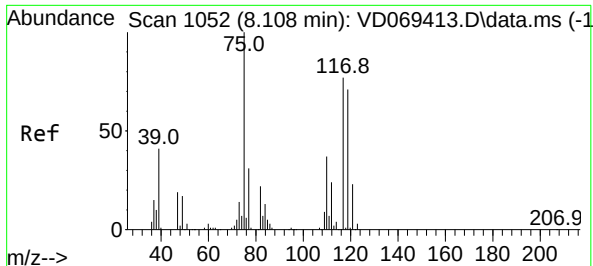


#35

Dibromofluoromethane
Concen: 49.622 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Tgt Ion:113 Resp: 169637
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 18.4 15.1 22.7

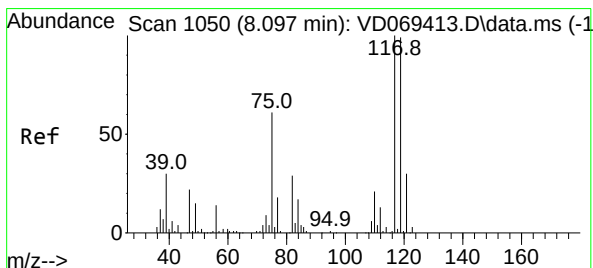
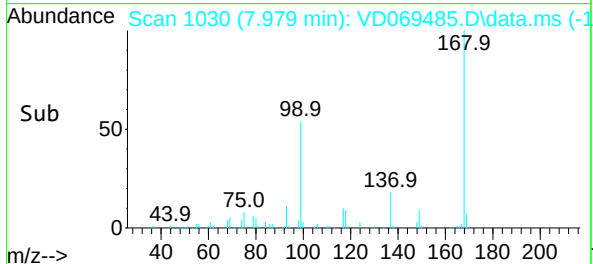
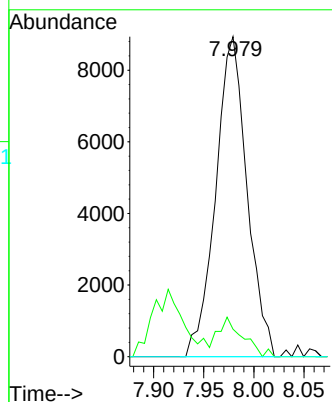
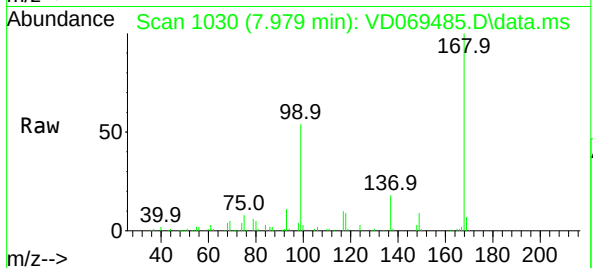




#36
1,1-Dichloropropene
Concen: 4.084 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

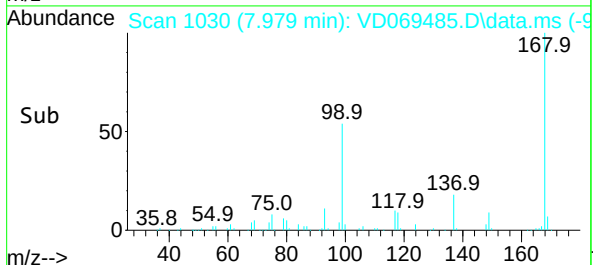
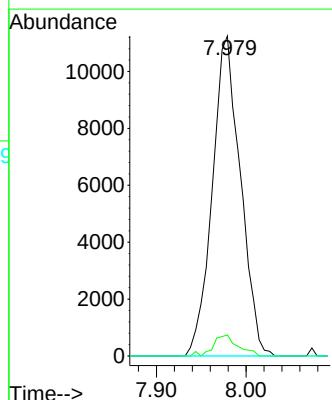
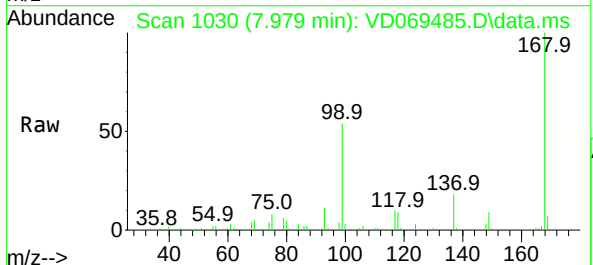
Instrument :
MSVOA_D
ClientSampled :
VOC

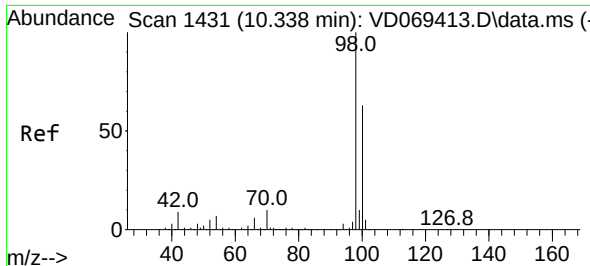
Tgt Ion: 75 Resp: 19409
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.755 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Tgt Ion: 117 Resp: 24481
Ion Ratio Lower Upper
117 100
119 6.6 79.4 119.2#
121 0.0 26.1 39.1#

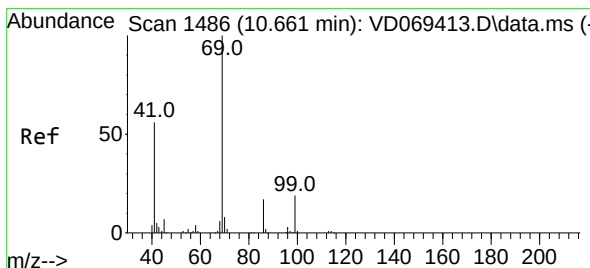
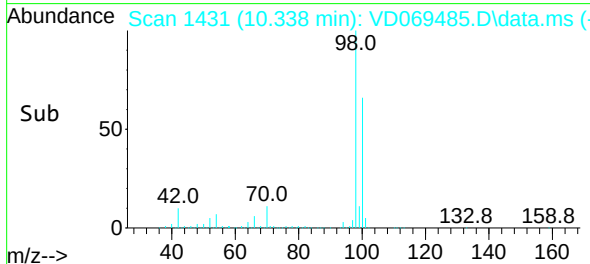
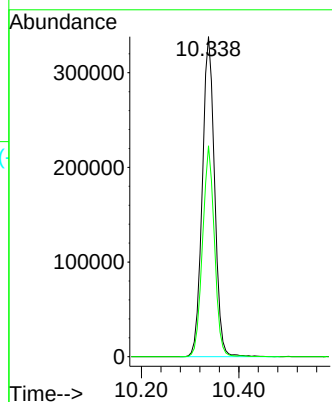
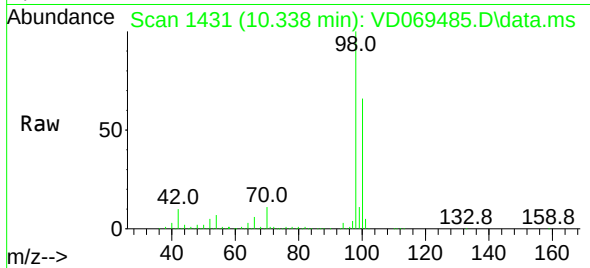




#50
Toluene-d8
Concen: 47.352 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

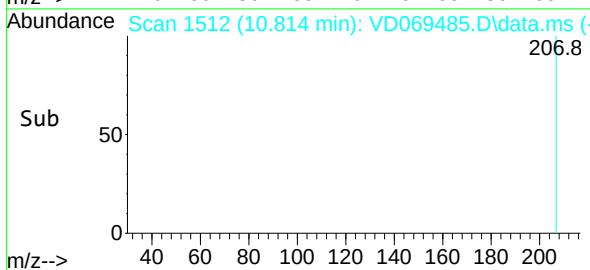
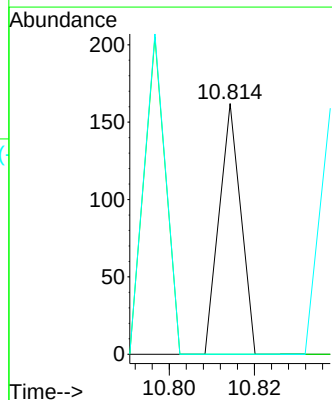
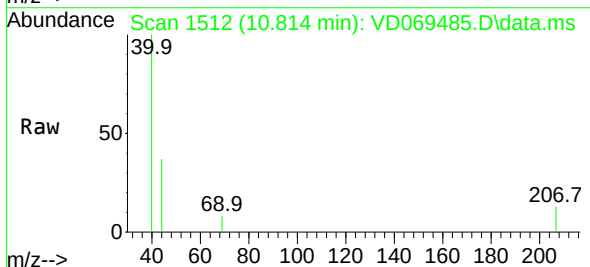
Instrument :
MSVOA_D
ClientSampleId :
VOC

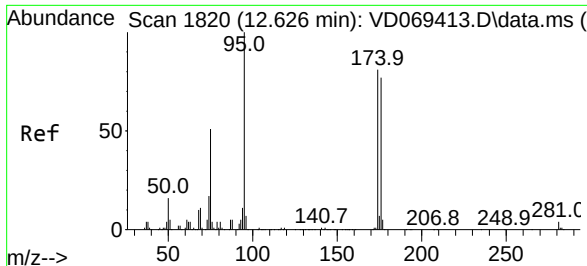
Tgt Ion: 98 Resp: 592056
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.841 ug/l
RT: 10.814 min Scan# 1512
Delta R.T. 0.153 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Tgt Ion: 69 Resp: 57
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 0.0 21.7 32.5#

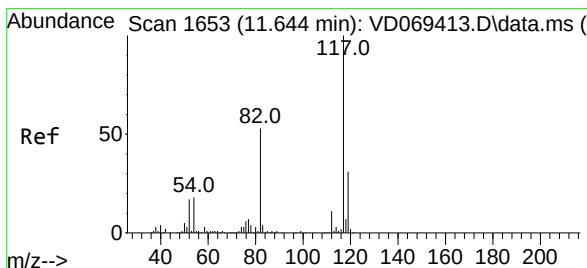
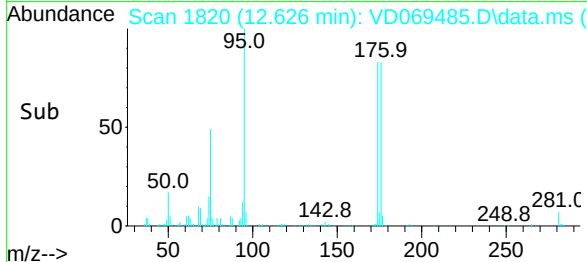
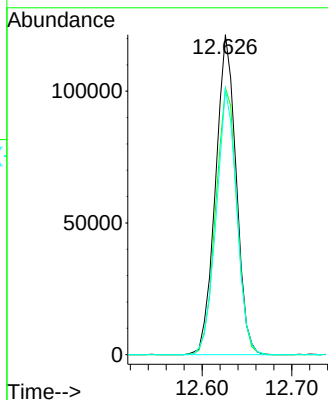
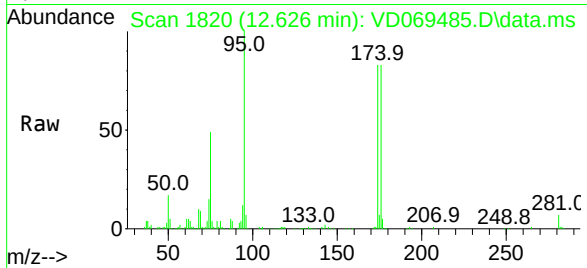




#62
4-Bromofluorobenzene
Concen: 48.254 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

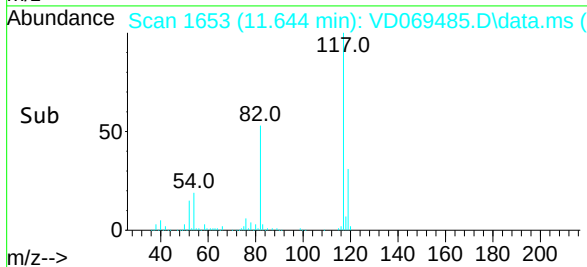
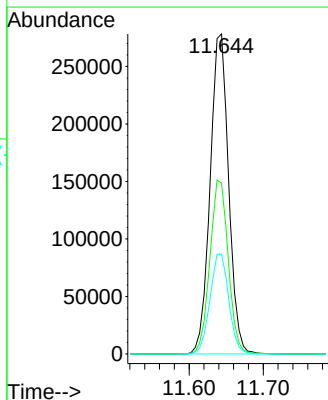
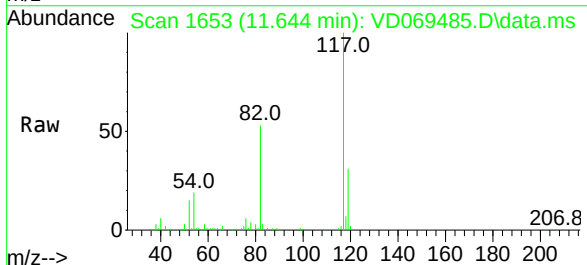
Instrument :
MSVOA_D
ClientSampled :
VOC

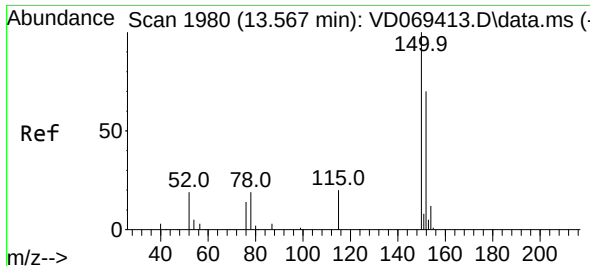
Tgt Ion: 95 Resp: 193587
Ion Ratio Lower Upper
95 100
174 85.1 0.0 162.8
176 82.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Tgt Ion: 117 Resp: 481768
Ion Ratio Lower Upper
117 100
82 53.3 43.3 64.9
119 31.2 25.3 37.9

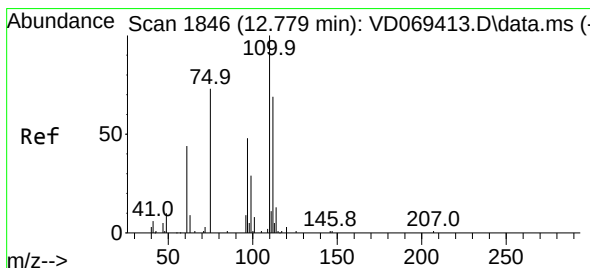
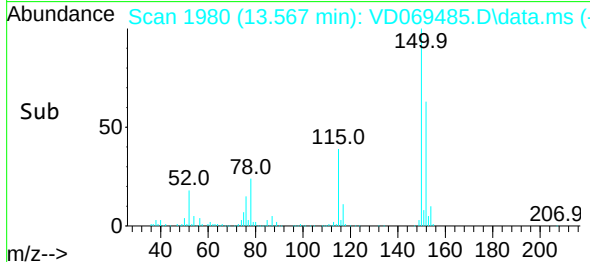
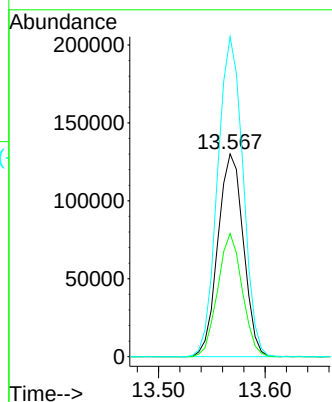
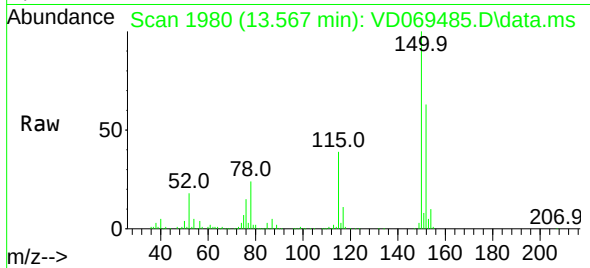




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

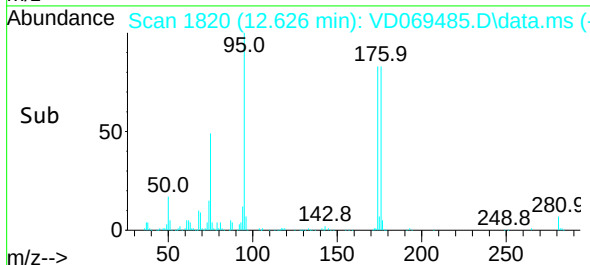
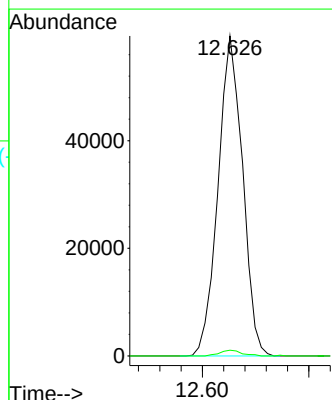
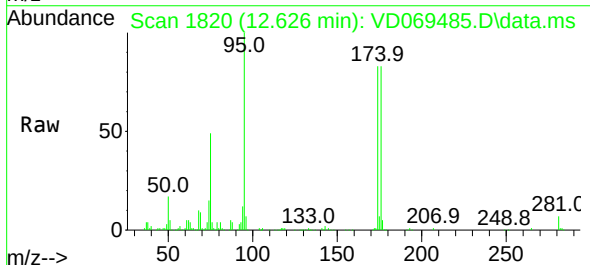
Instrument :
MSVOA_D
ClientSampled :
VOC

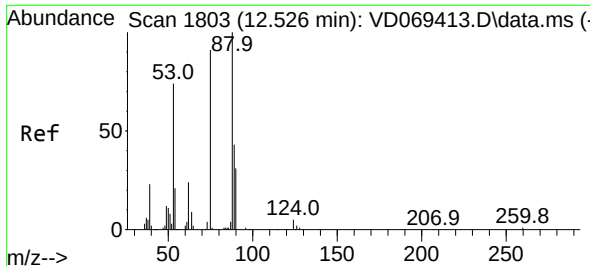
Tgt Ion:152 Resp: 216195
Ion Ratio Lower Upper
152 100
115 58.2 29.4 88.3
150 157.4 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 43.319 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

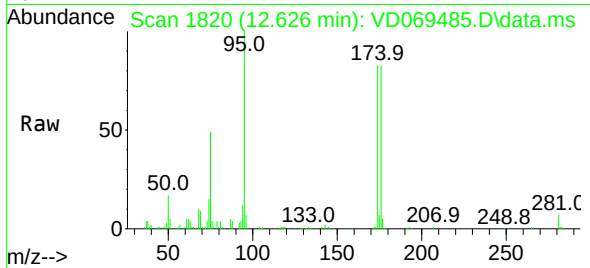
Tgt Ion: 75 Resp: 94948
Ion Ratio Lower Upper
75 100
77 1.6 183.8 551.2#



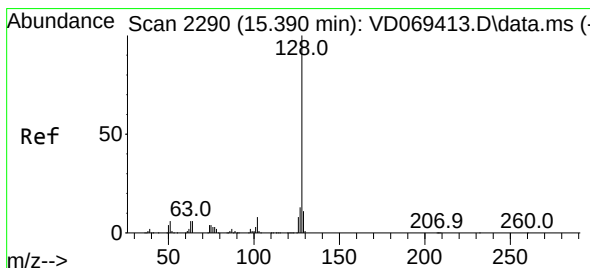
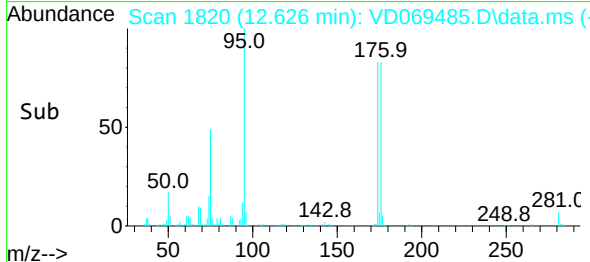
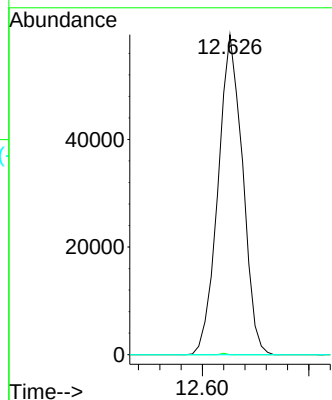


#81
trans-1,4-Dichloro-2-butene
Concen: 115.563 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Instrument :
MSVOA_D
ClientSampled :
VOC



Tgt Ion: 75 Resp: 94948
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 35.6 53.4#



#95
Naphthalene
Concen: 3.618 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Tgt Ion:128 Resp: 381
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

