

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069156.D
 Acq On : 13 May 2021 14:44
 Operator : VA/SY
 Sample : M2367-05
 Misc : 6.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PV-SP2

Quant Time: May 14 01:21:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

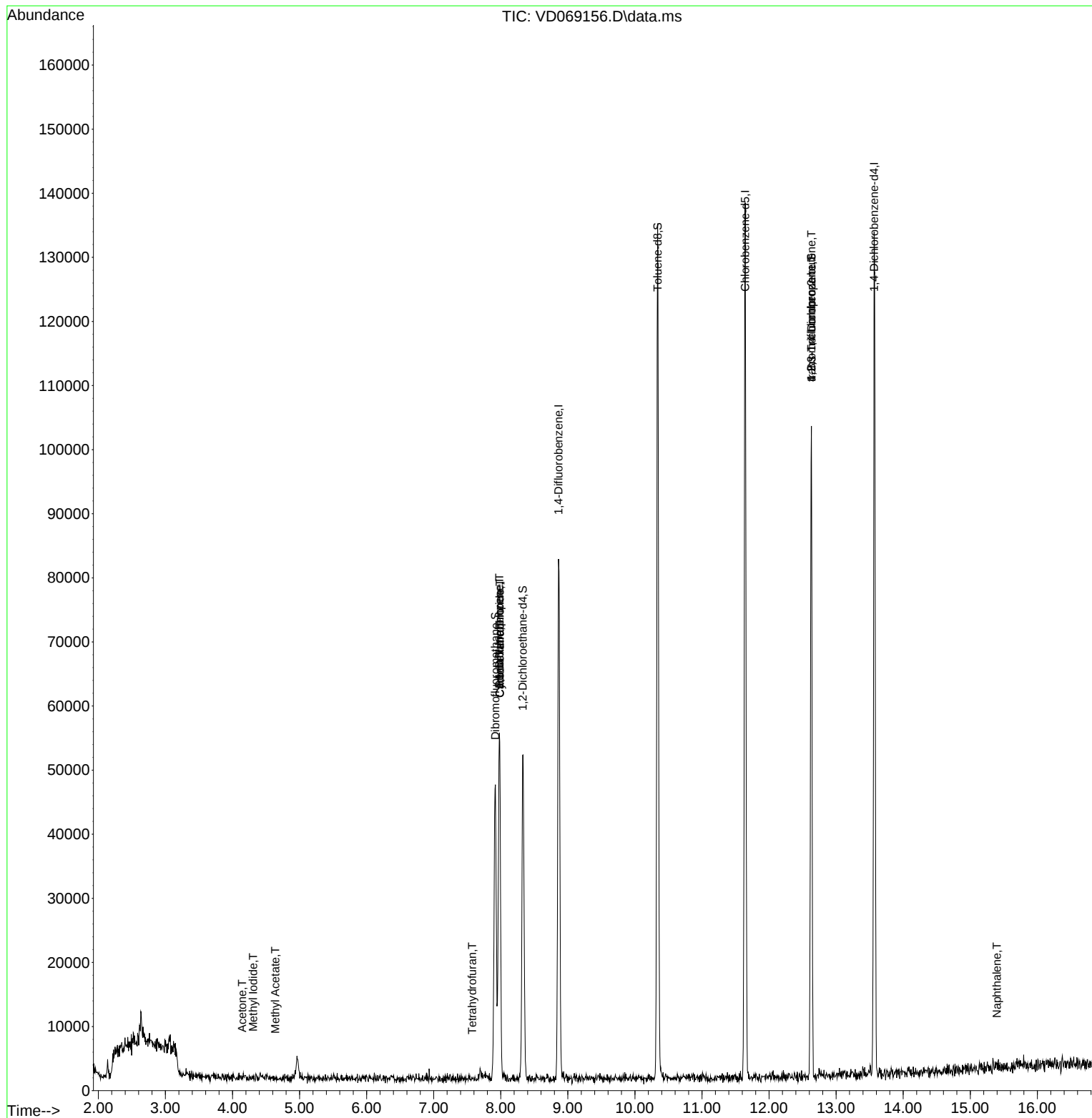
Internal Standards						
1) Pentafluorobenzene	7.979	168	39038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	74445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	78813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	36201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	39658	101.33	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 202.66%#			
35) Dibromofluoromethane	7.920	113	33179	68.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 136.98%			
50) Toluene-d8	10.337	98	93874	52.73	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.46%			
62) 4-Bromofluorobenzene	12.631	95	31428	54.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.74%			
Target Compounds						Qvalue
10) Methyl Iodide	4.308	142	54	1.04	ug/l #	38
16) Acetone	4.144	43	316	5.27	ug/l #	41
18) Methyl Acetate	4.638	43	163	1.12	ug/l #	45
20) Methylene Chloride	4.979	84	2735	Below Cal	#	84
29) Tetrahydrofuran	7.573	42	80	1.81	ug/l #	24
31) Cyclohexane	7.984	56	716	1.23	ug/l #	57
36) 1,1-Dichloropropene	7.979	75	3490	4.82	ug/l #	44
38) Carbon Tetrachloride	7.984	117	4278	5.29	ug/l #	12
76) 1,2,3-Trichloropropane	12.631	75	14997	55.11	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	14997	111.32	ug/l #	14
95) Naphthalene	15.396	128	138	2.16	ug/l #	69

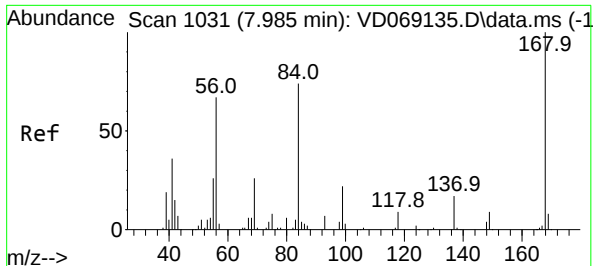
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
Data File : VD069156.D
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Misc : 6.23G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

Quant Time: May 14 01:21:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

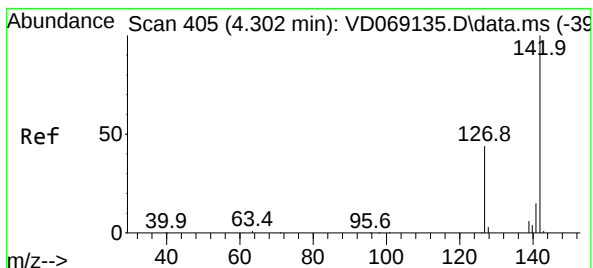
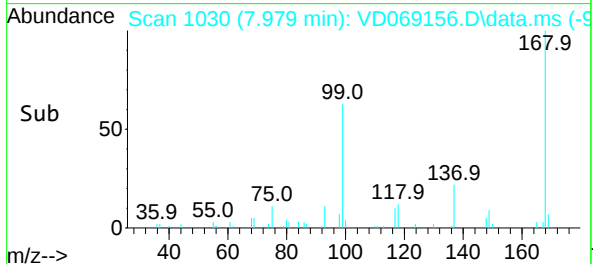
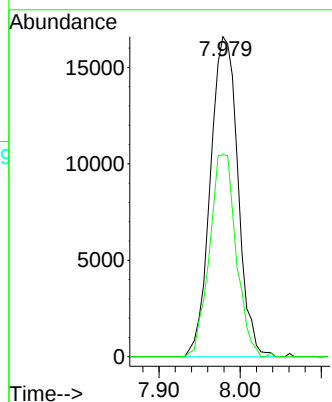
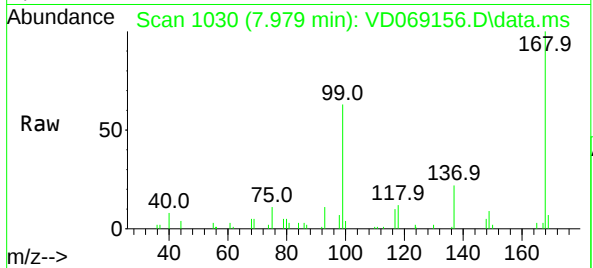




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

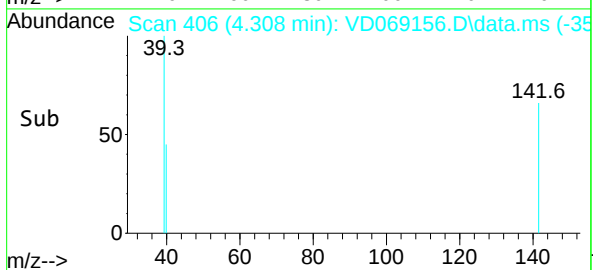
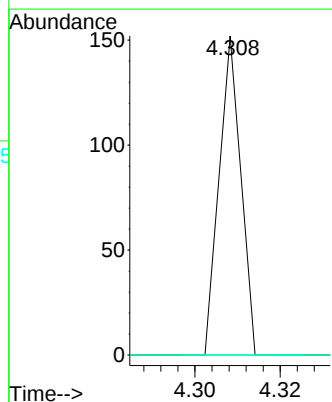
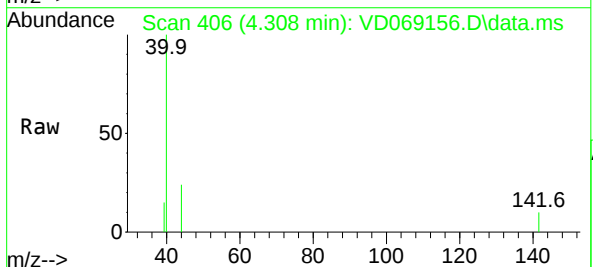
Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

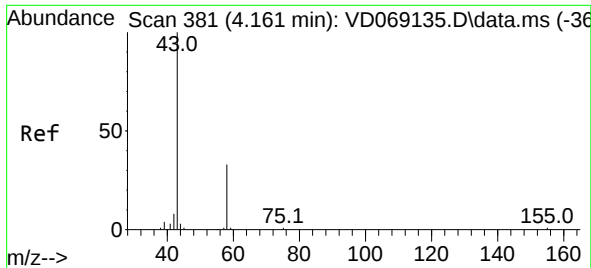
Tgt Ion:168 Resp: 39038
Ion Ratio Lower Upper
168 100
99 63.2 47.2 70.8



#10
Methyl Iodide
Concen: 1.04 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 12.2 18.4#

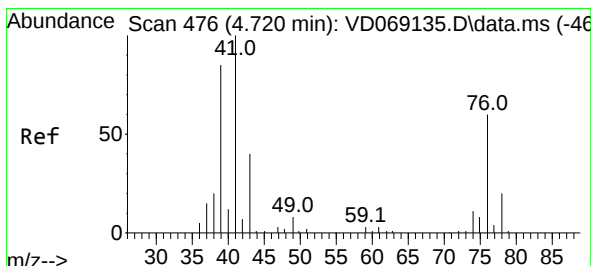
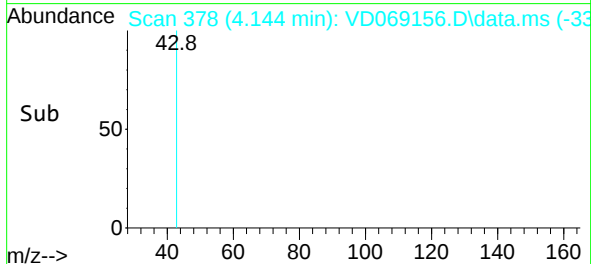
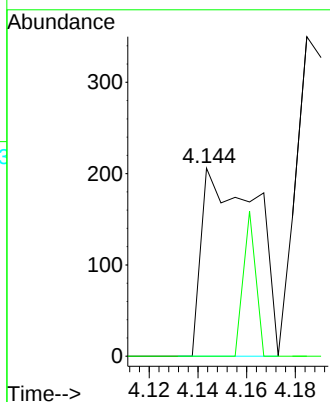
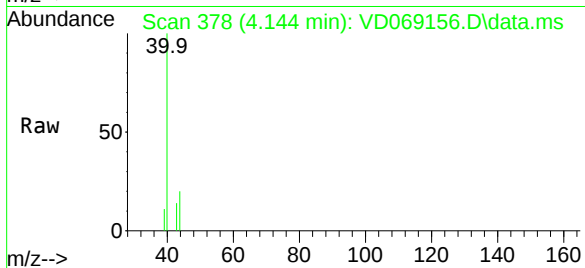




#16
Acetone
Concen: 5.27 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.018 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

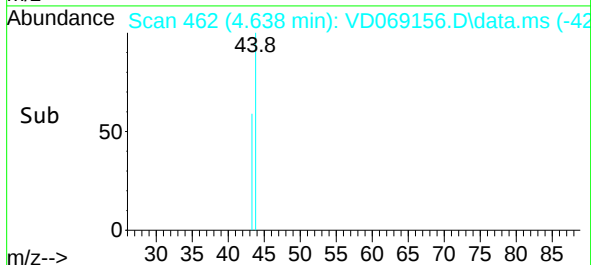
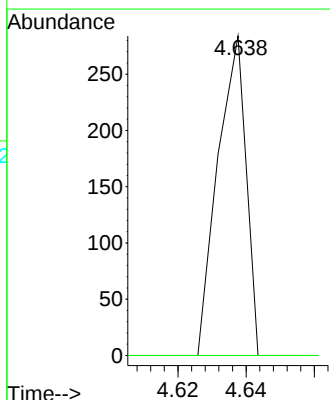
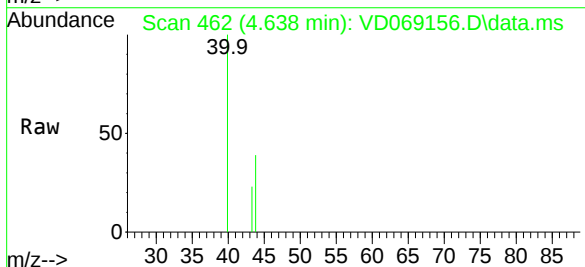
Instrument :
MSVOA_D
ClientSampled :
PV-SP2

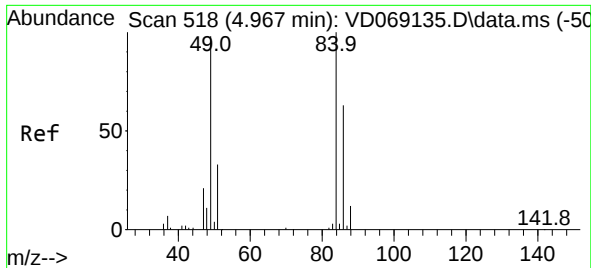
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#18
Methyl Acetate
Concen: 1.12 ug/l
RT: 4.638 min Scan# 462
Delta R.T. -0.082 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

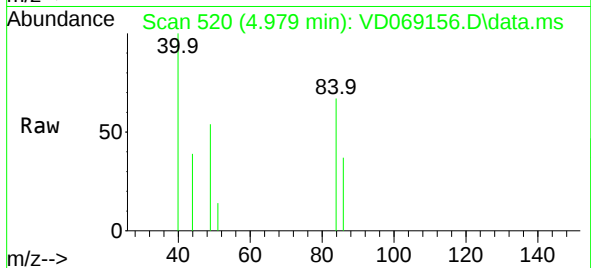
Tgt Ion: 43 Resp: 163
Ion Ratio Lower Upper
43 100
74 0.0 23.8 35.6#



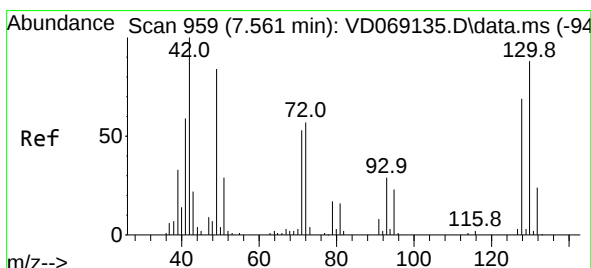
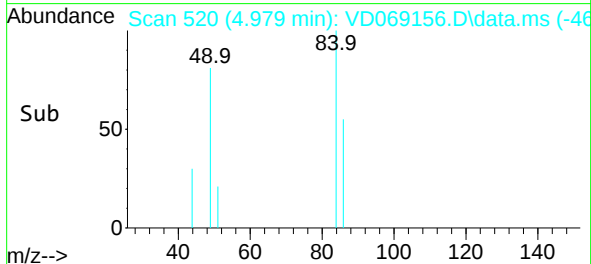
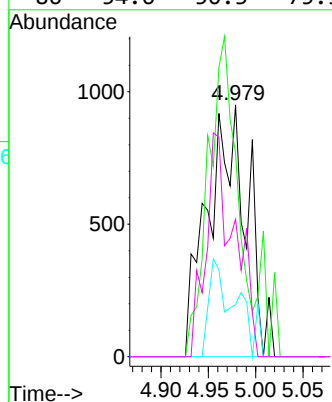


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.012 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

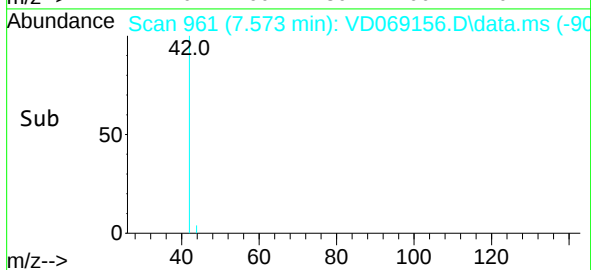
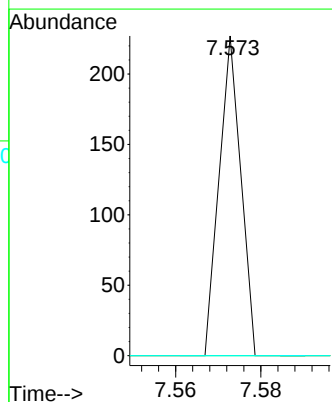
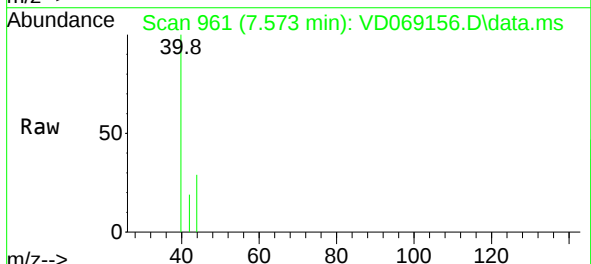


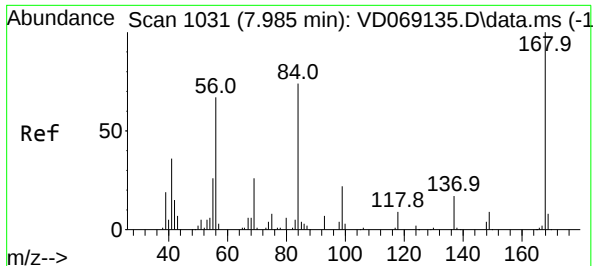
Tgt Ion: 84 Resp: 2735
Ion Ratio Lower Upper
84 100
49 80.7 78.6 117.8
51 20.7 26.7 40.1#
86 54.6 50.3 75.5



#29
Tetrahydrofuran
Concen: 1.81 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.012 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Tgt Ion: 42 Resp: 80
Ion Ratio Lower Upper
42 100
72 0.0 45.9 68.9#
71 0.0 42.9 64.3#

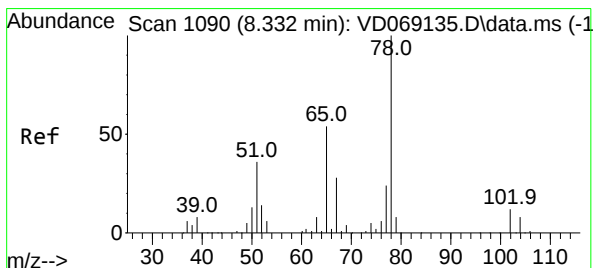
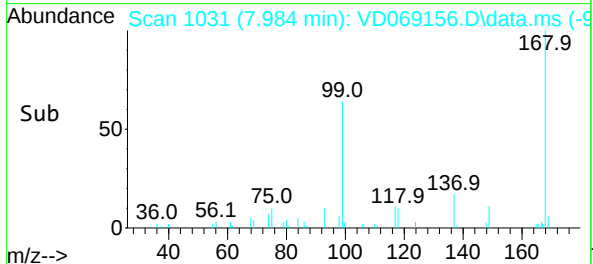
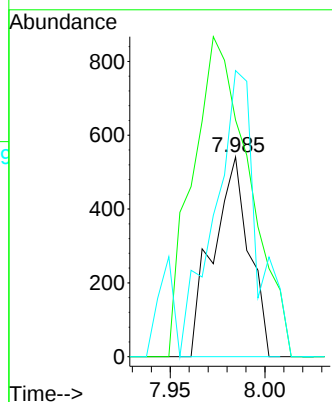
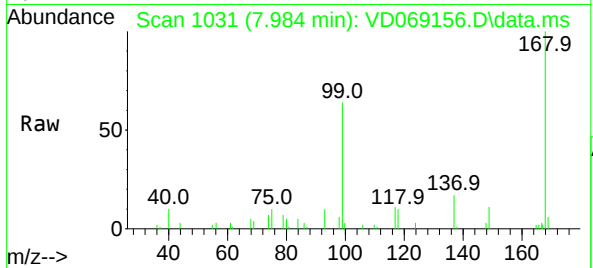




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.984 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

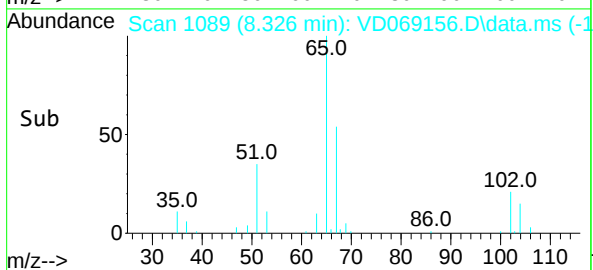
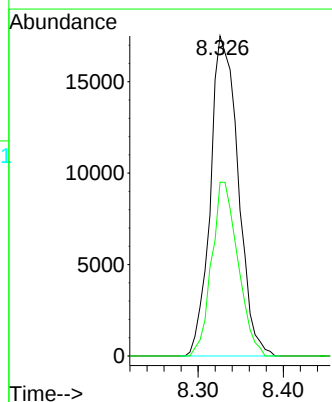
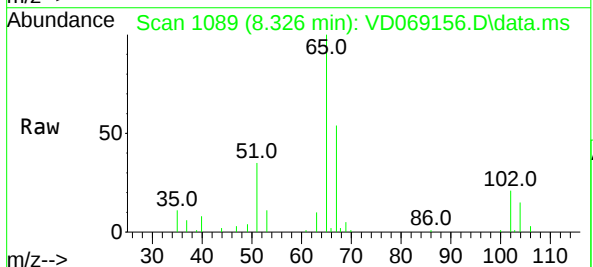
Instrument :
MSVOA_D
ClientSampled :
PV-SP2

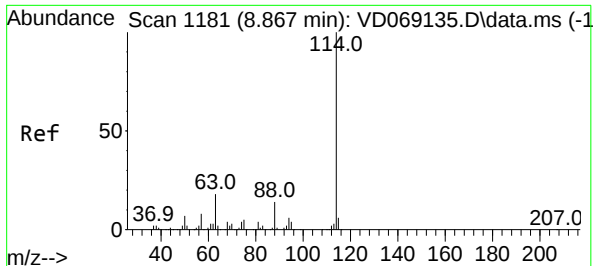
Tgt Ion: 56 Resp: 716
Ion Ratio Lower Upper
56 100
69 85.0 30.6 46.0#
84 143.3 88.0 132.0#



#33
1,2-Dichloroethane-d4
Concen: 101.33 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Tgt Ion: 65 Resp: 39658
Ion Ratio Lower Upper
65 100
67 51.3 0.0 108.0

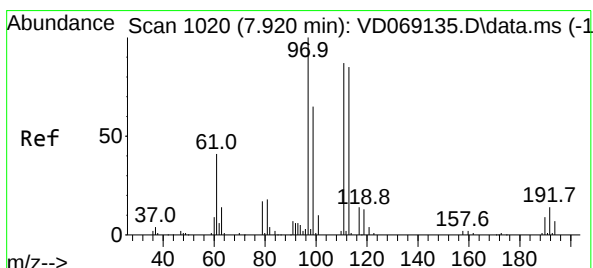
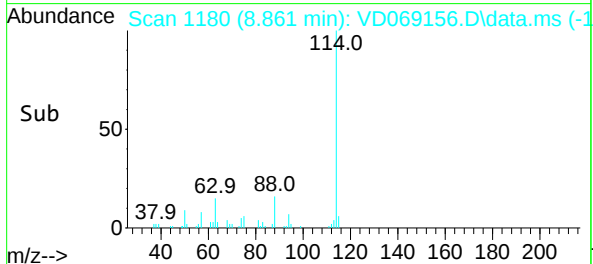
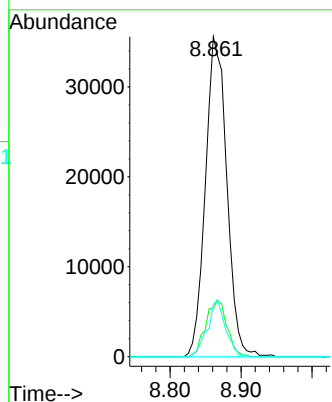
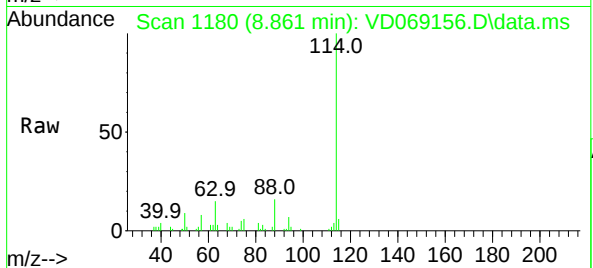




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

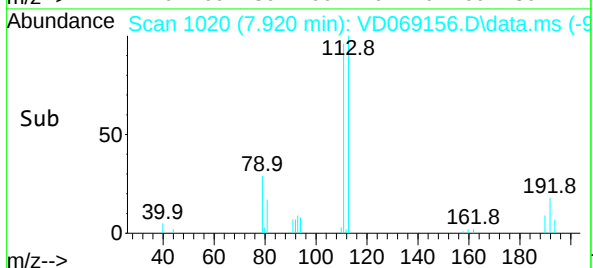
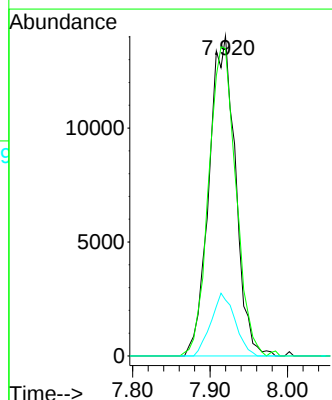
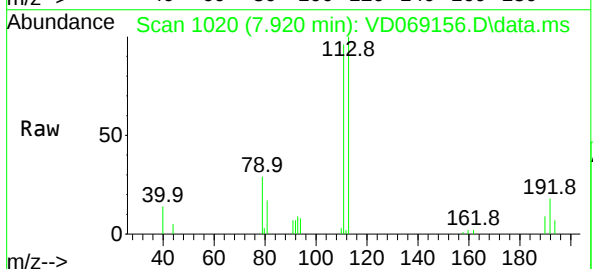
Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

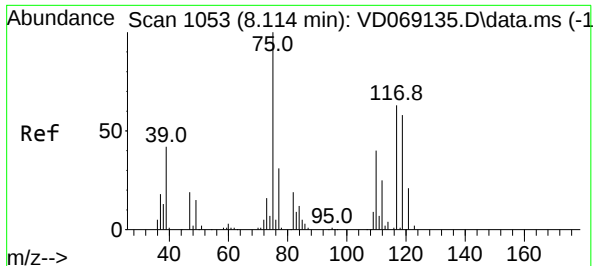
Tgt Ion:	114	Resp:	74445
Ion Ratio	Lower	Upper	
114	100		
63	15.2	0.0	36.4
88	16.4	0.0	28.2



#35
Dibromofluoromethane
Concen: 68.49 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Tgt Ion:	113	Resp:	33179
Ion Ratio	Lower	Upper	
113	100		
111	99.6	80.6	120.8
192	17.9	14.8	22.2

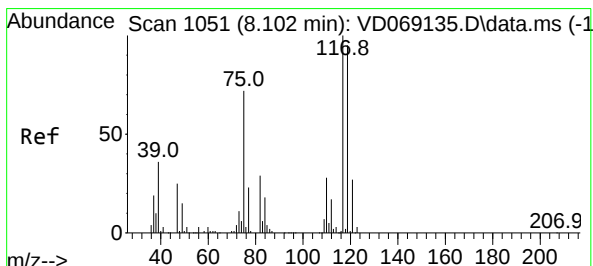
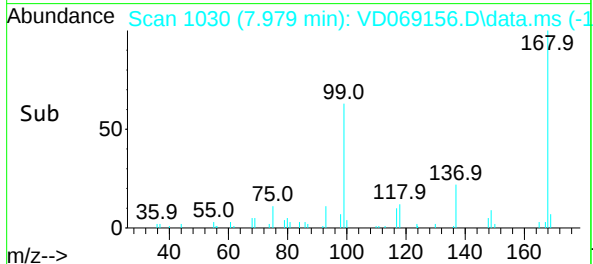
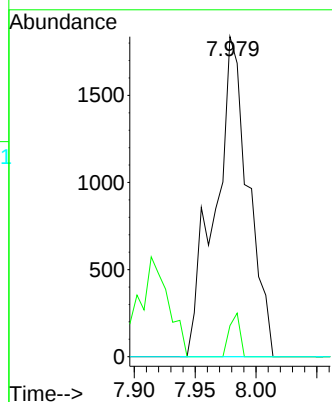
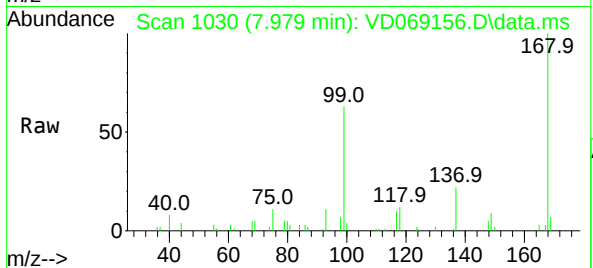




#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

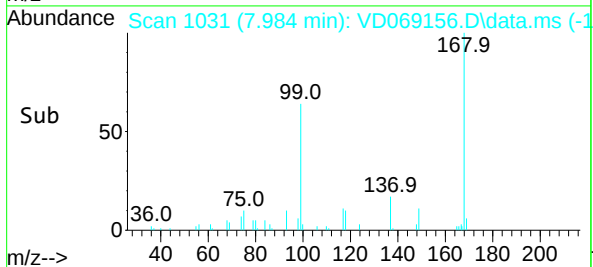
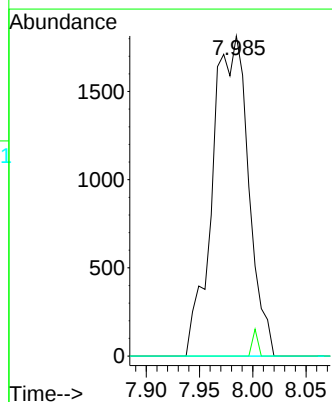
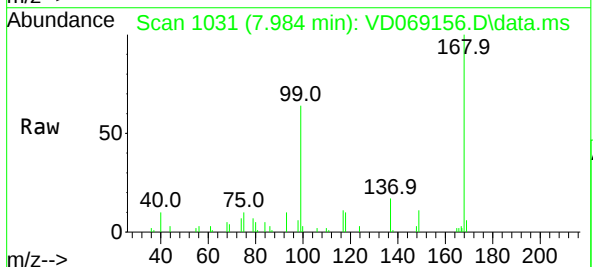
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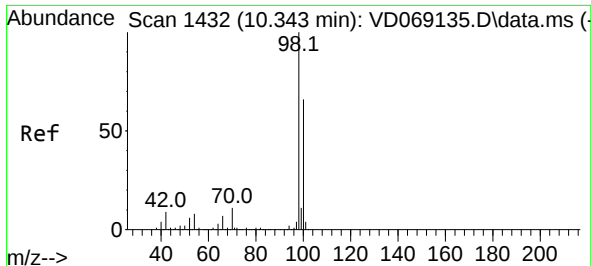
Tgt Ion: 75 Resp: 3490
Ion Ratio Lower Upper
75 100
110 4.3 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 7.984 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Tgt Ion: 117 Resp: 4278
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 21.9 32.9#

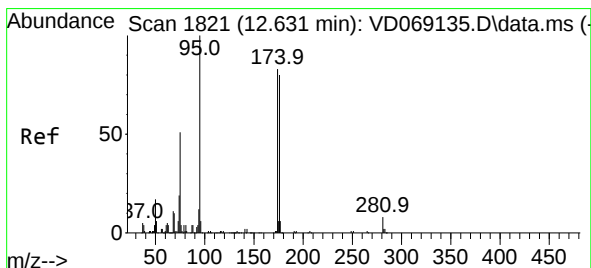
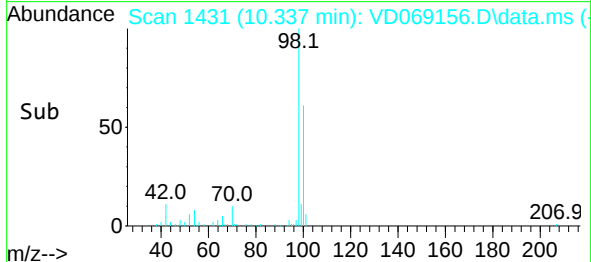
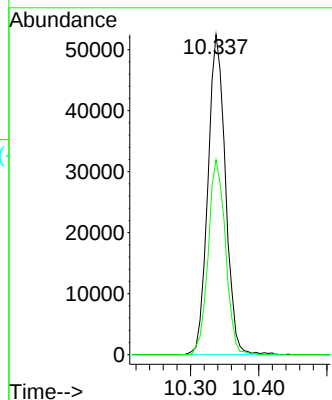
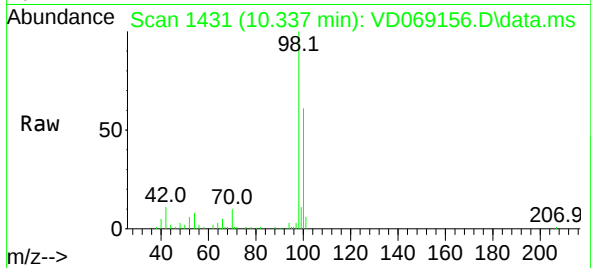




#50
Toluene-d8
Concen: 52.73 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

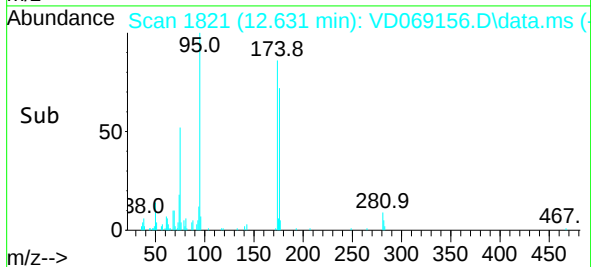
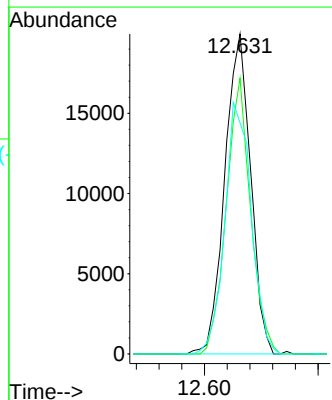
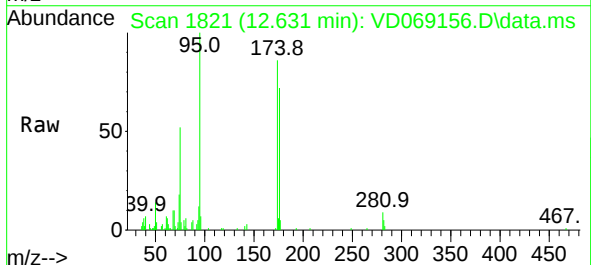
Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

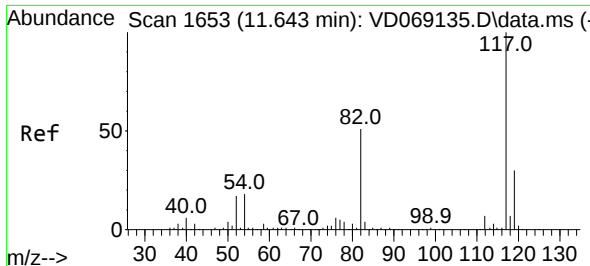
Tgt Ion: 98 Resp: 93874
Ion Ratio Lower Upper
98 100
100 59.9 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 54.87 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Tgt Ion: 95 Resp: 31428
Ion Ratio Lower Upper
95 100
174 81.4 0.0 171.8
176 81.0 0.0 165.4

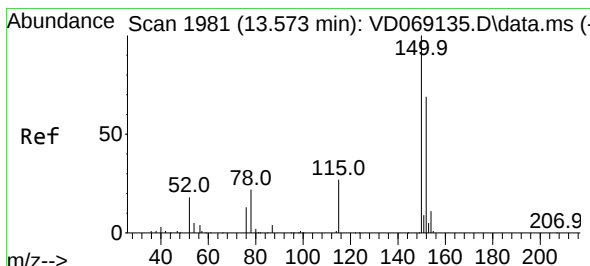
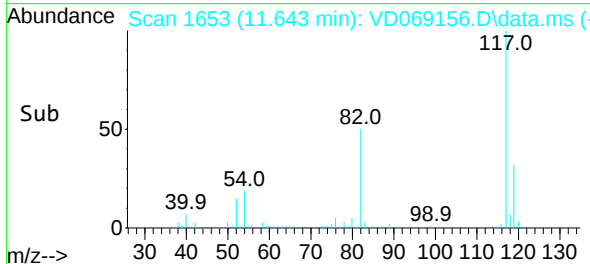
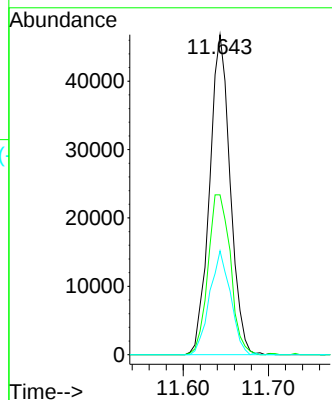
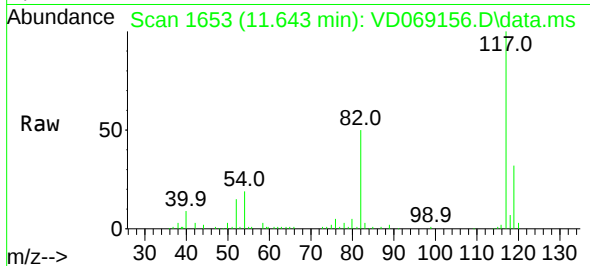




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

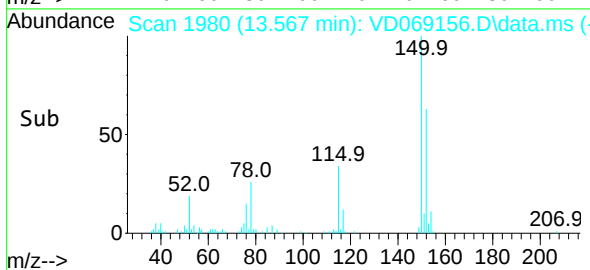
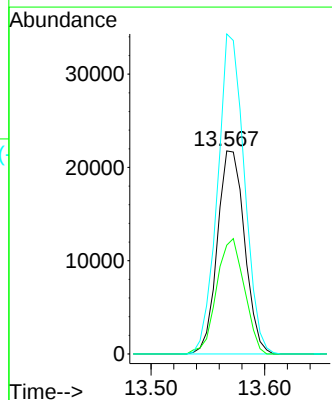
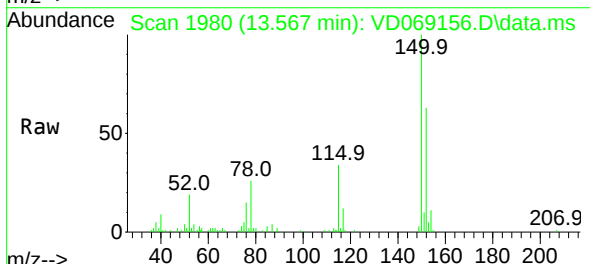
Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

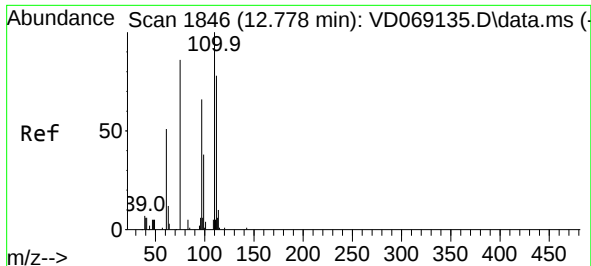
Tgt Ion:117 Resp: 78813
Ion Ratio Lower Upper
117 100
82 49.9 40.5 60.7
119 32.5 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Tgt Ion:152 Resp: 36201
Ion Ratio Lower Upper
152 100
115 58.0 29.9 89.8
150 155.8 0.0 350.2

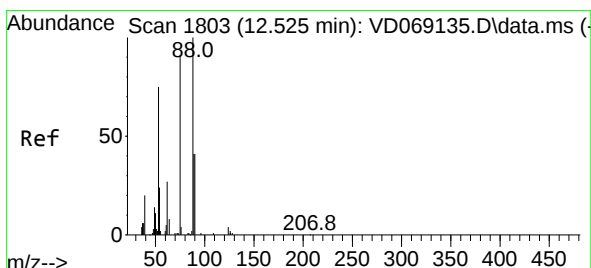
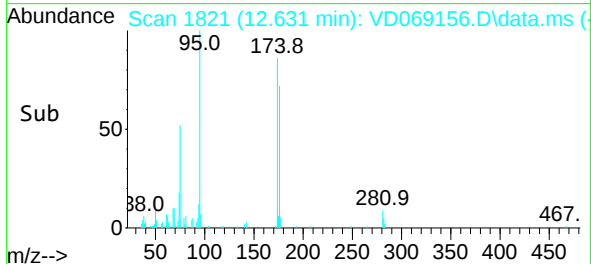
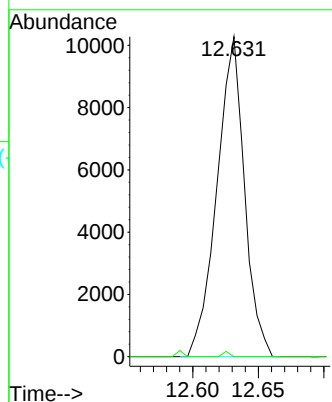
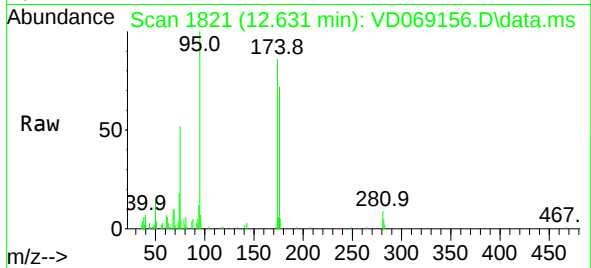




#76
1,2,3-Trichloropropane
Concen: 55.11 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

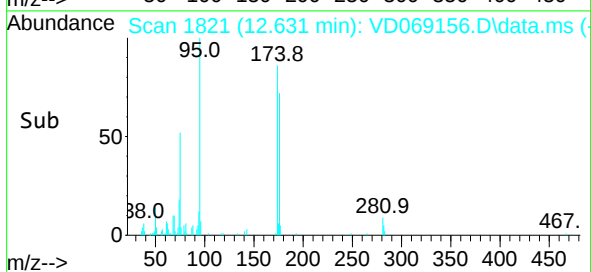
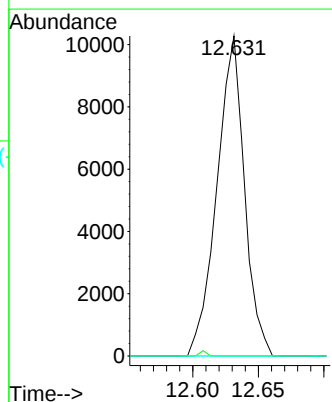
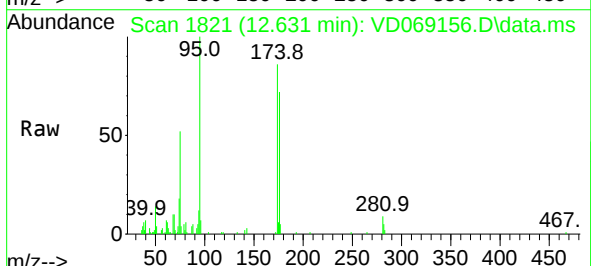
Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

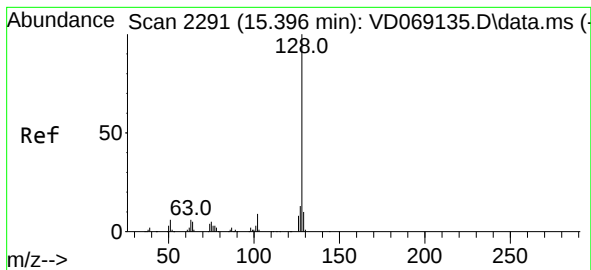
Tgt Ion: 75 Resp: 14997
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.32 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Tgt Ion: 75 Resp: 14997
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 0.0 40.2 60.2#





#95
Naphthalene
Concen: 2.16 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD069156.D
Acq: 13 May 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

Tgt Ion:128 Resp: 138
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

