

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070826.D
 Acq On : 22 Oct 2021 15:45
 Operator : VA/SY
 Sample : M4290-10
 Misc : 4.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 23 04:12:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

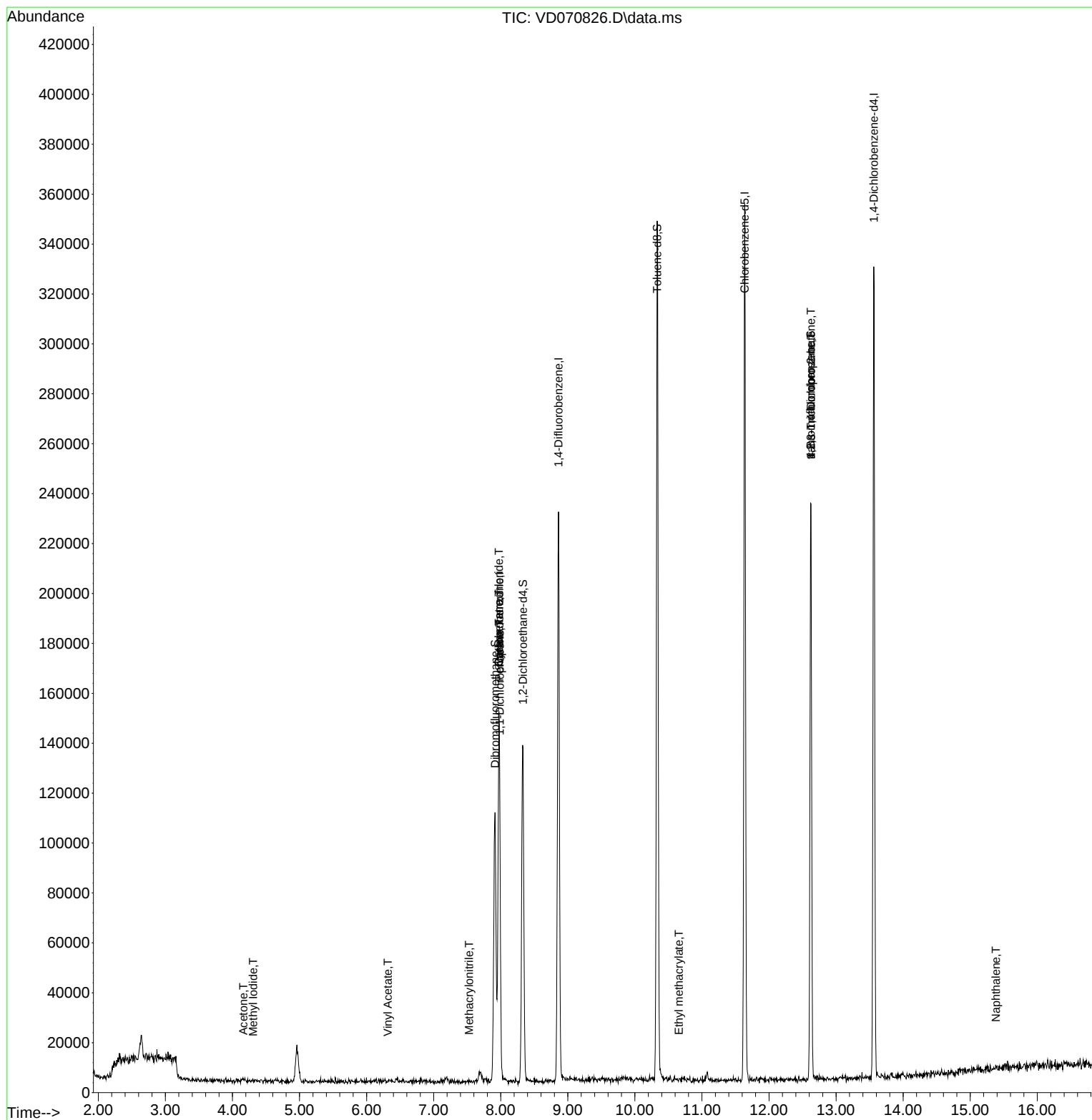
Internal Standards						
1) Pentafluorobenzene	7.979	168	99887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	176830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	183906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	83721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	109684	92.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 185.420%#	
35) Dibromofluoromethane	7.914	113	77442	68.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.800%	
50) Toluene-d8	10.332	98	230242	53.047	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.100%	
62) 4-Bromofluorobenzene	12.620	95	81584	54.590	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.180%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	172	3.449	ug/l #	38
16) Acetone	4.162	43	1831	6.417	ug/l #	40
23) Vinyl Acetate	6.315	43	64	16.357	ug/l #	69
31) Cyclohexane	7.973	56	3595	1.502	ug/l #	57
36) 1,1-Dichloropropene	7.985	75	10220	5.188	ug/l #	52
38) Carbon Tetrachloride	7.973	117	9601	5.089	ug/l #	18
41) Methacrylonitrile	7.526	41	64	2.063	ug/l #	23
56) Ethyl methacrylate	10.655	69	240	4.320	ug/l #	45
76) 1,2,3-Trichloropropane	12.626	75	40518	56.017	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	40518	122.695	ug/l #	17
95) Naphthalene	15.385	128	148	4.842	ug/l #	69

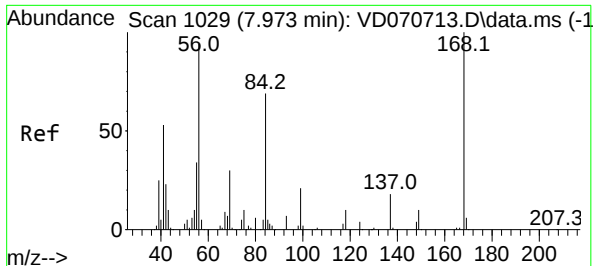
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
Data File : VD070826.D
Acq On : 22 Oct 2021 15:45
Operator : VA/SY
Sample : M4290-10
Misc : 4.29G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 23 04:12:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

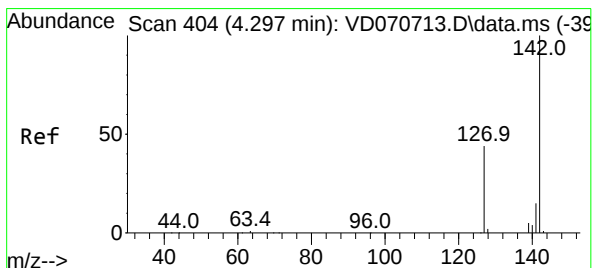
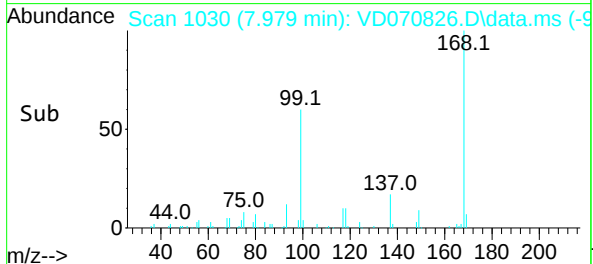
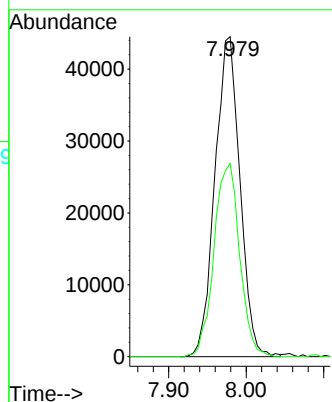
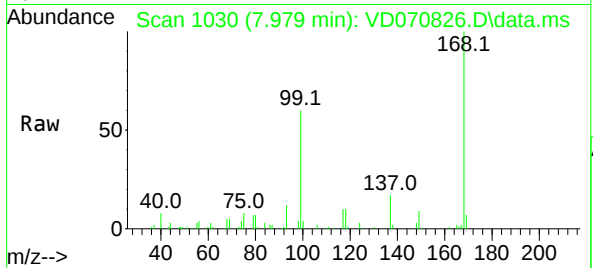




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

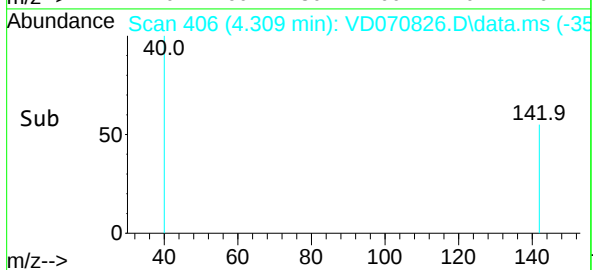
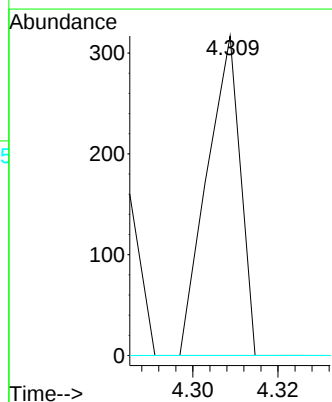
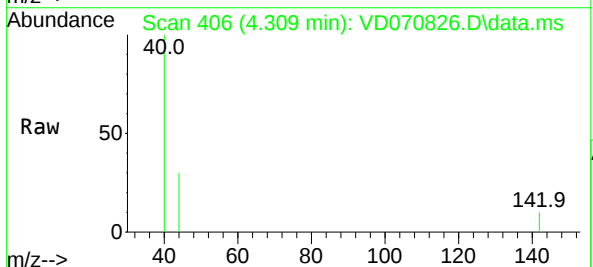
Instrument :
MSVOA_D
ClientSampled :

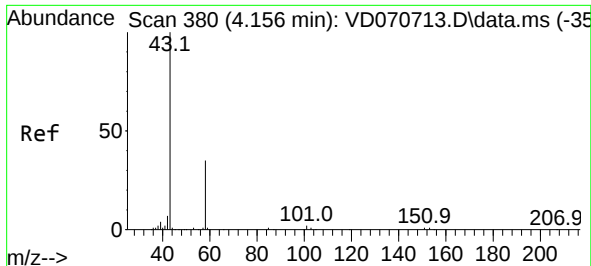
Tgt Ion:168 Resp: 99887
Ion Ratio Lower Upper
168 100
99 60.3 51.4 77.0



#10
Methyl Iodide
Concen: 3.449 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

Tgt Ion:142 Resp: 172
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 12.1 18.1#

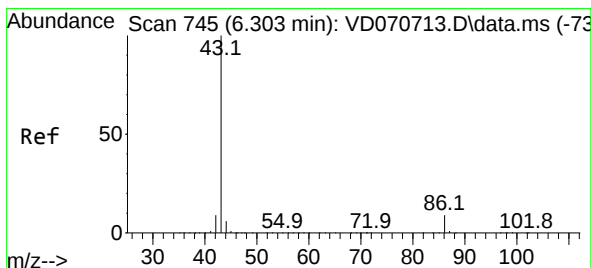
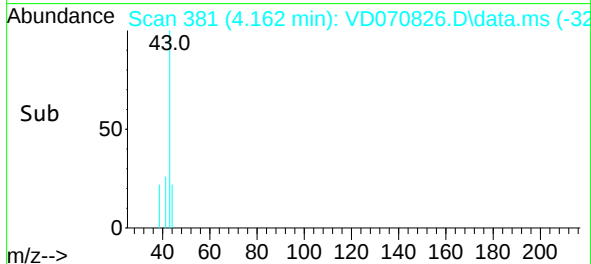
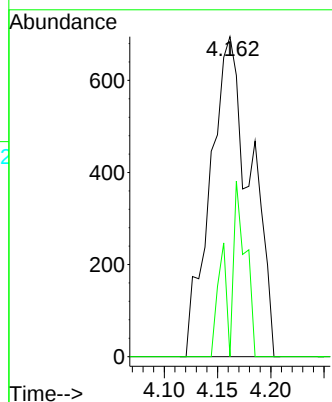
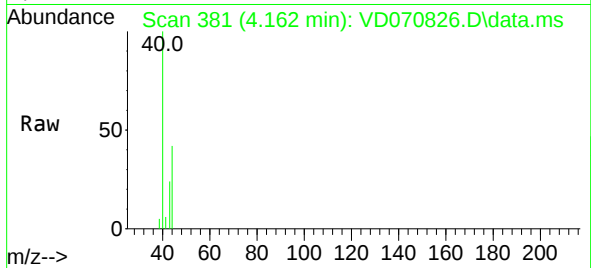




#16
Acetone
Concen: 6.417 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

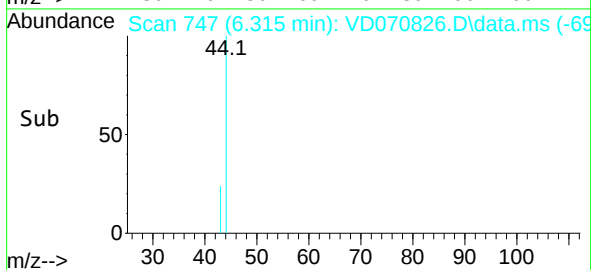
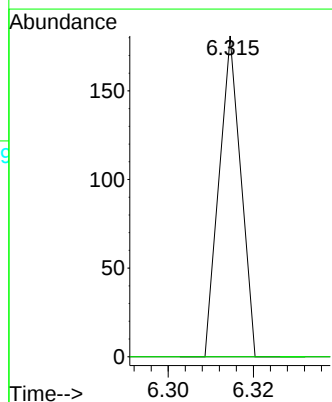
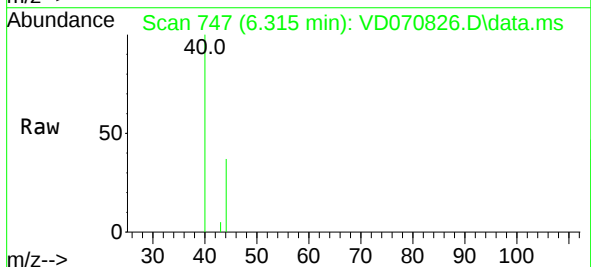
Instrument :
MSVOA_D
ClientSampleId :

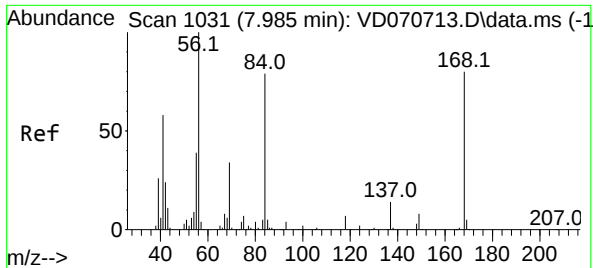
Tgt Ion: 43 Resp: 1831
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#23
Vinyl Acetate
Concen: 16.357 ug/l
RT: 6.315 min Scan# 747
Delta R.T. 0.012 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

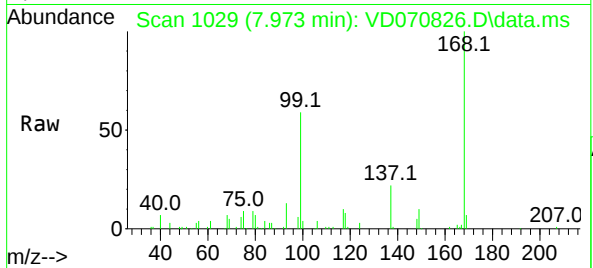
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
86 0.0 9.8 14.6#



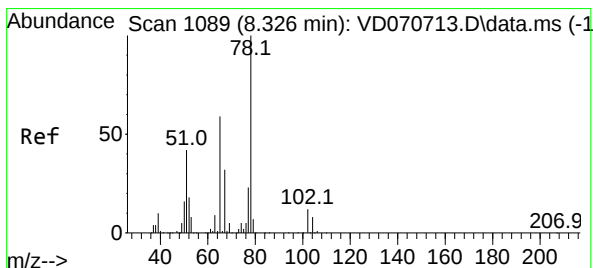
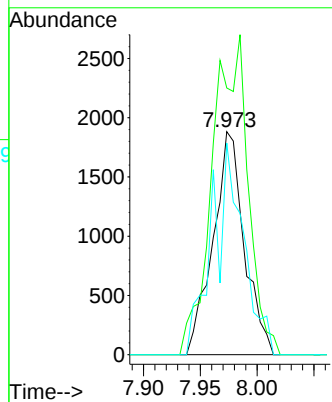
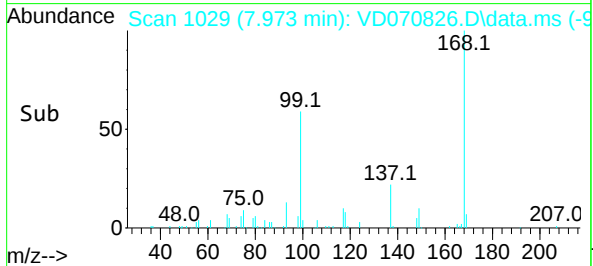


#31
Cyclohexane
Concen: 1.502 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

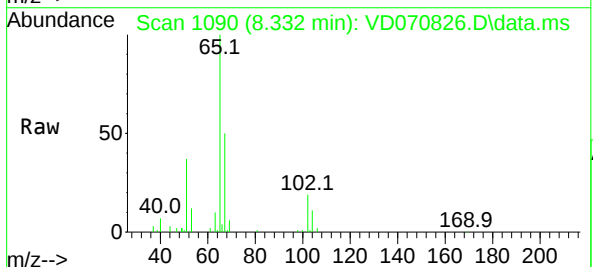
Instrument :
MSVOA_D
ClientSampleId :



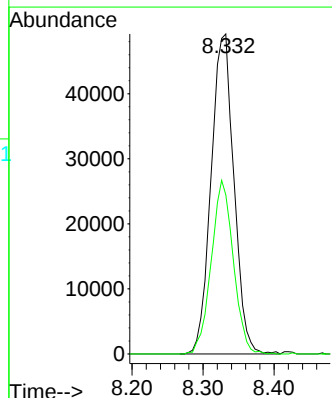
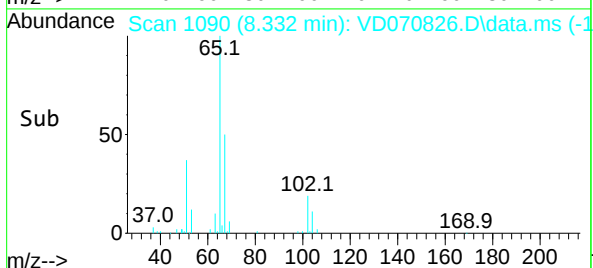
Tgt Ion: 56 Resp: 3595
Ion Ratio Lower Upper
56 100
69 119.7 27.4 41.2#
84 95.0 73.6 110.4

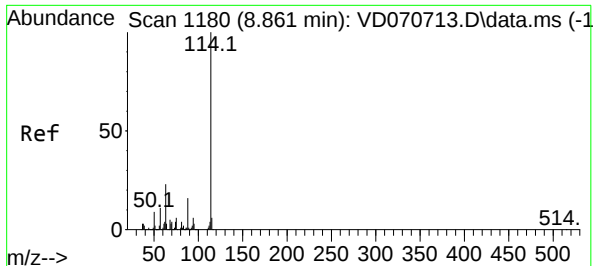


#33
1,2-Dichloroethane-d4
Concen: 92.710 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45



Tgt Ion: 65 Resp: 109684
Ion Ratio Lower Upper
65 100
67 52.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070826.D

Acq: 22 Oct 2021 15:45

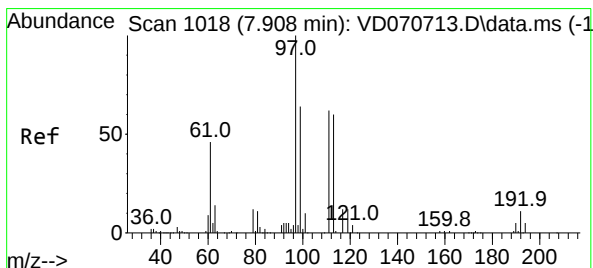
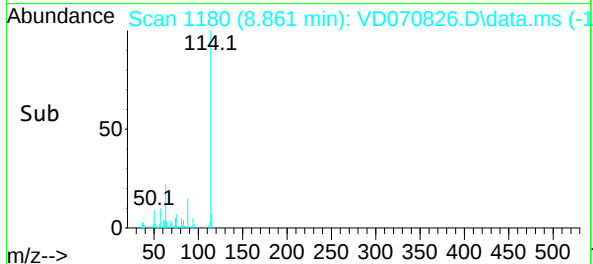
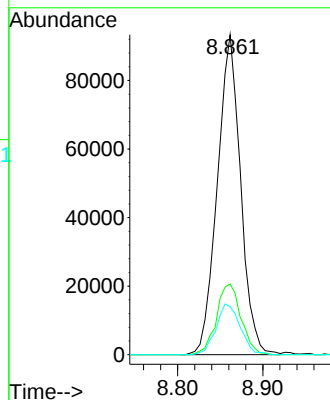
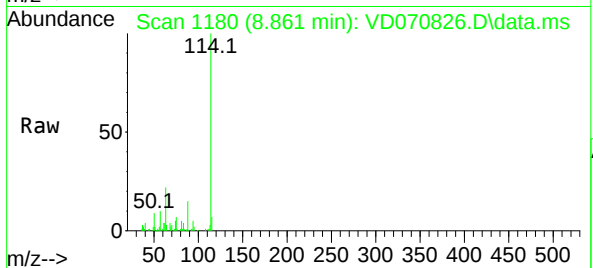
Tgt Ion:114 Resp: 176830

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 68.396 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD070826.D

Acq: 22 Oct 2021 15:45

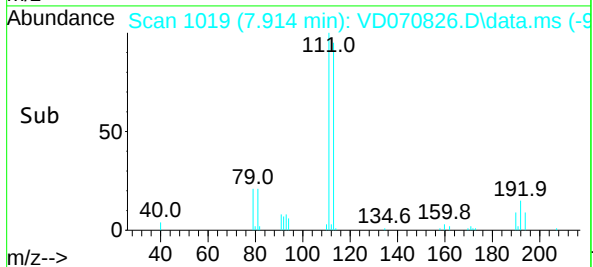
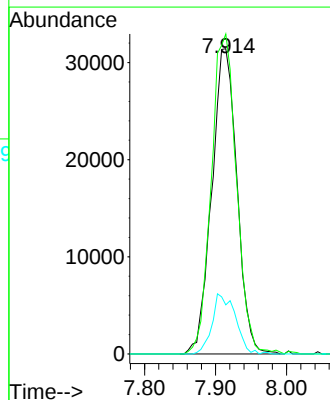
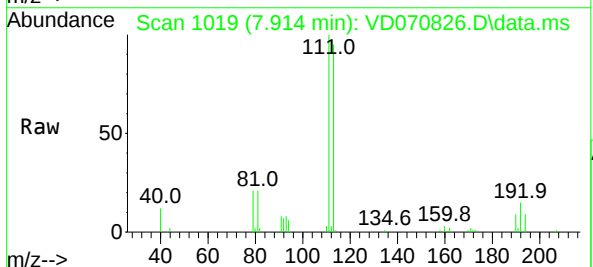
Tgt Ion:113 Resp: 77442

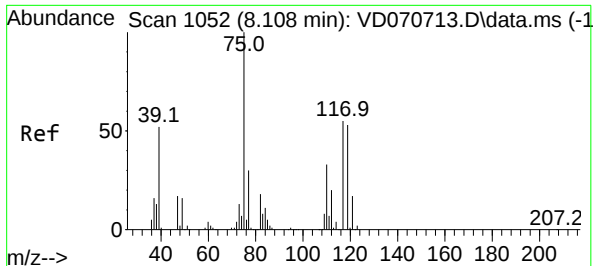
Ion Ratio Lower Upper

113 100

111 104.8 83.1 124.7

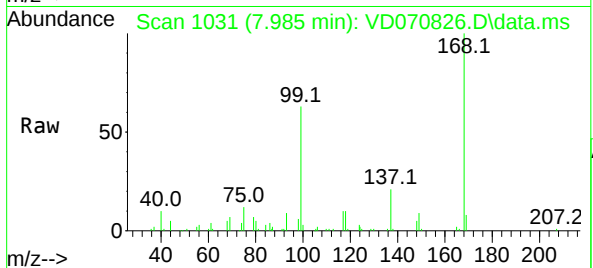
192 18.3 12.7 19.1



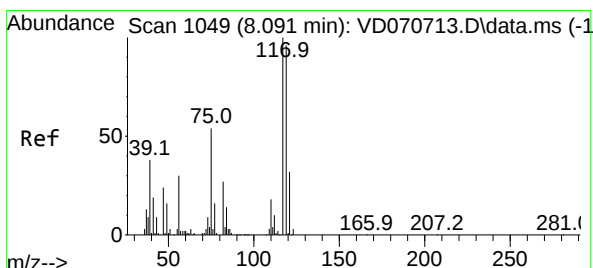
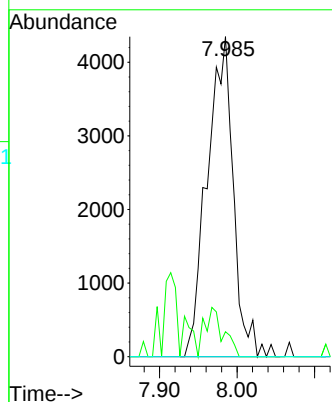
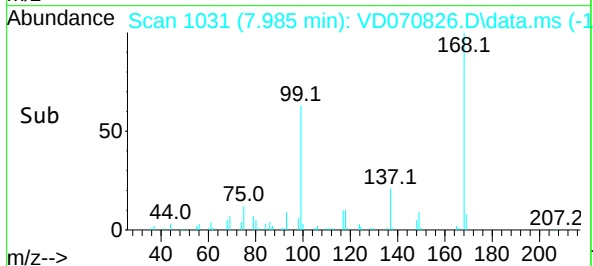


#36
1,1-Dichloropropene
Concen: 5.188 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.123 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

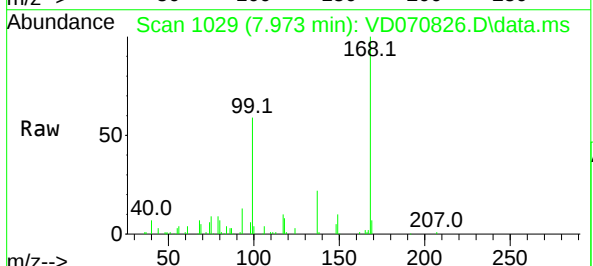
Instrument :
MSVOA_D
ClientSampled :



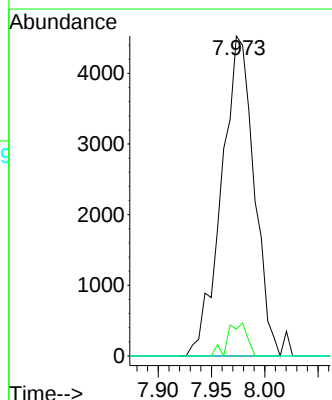
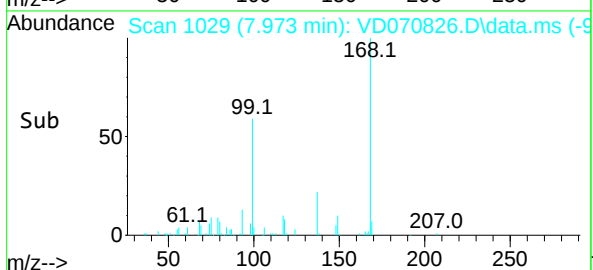
Tgt Ion: 75 Resp: 10220
Ion Ratio Lower Upper
75 100
110 10.9 17.2 51.6#
77 0.0 24.2 36.4#

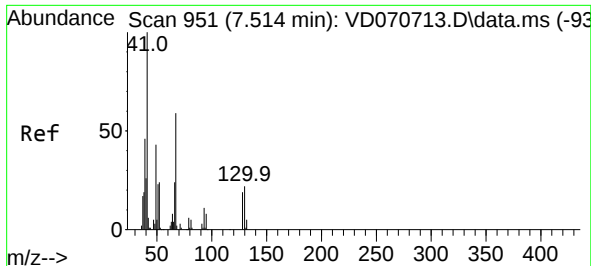


#38
Carbon Tetrachloride
Concen: 5.089 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.117 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45



Tgt Ion: 117 Resp: 9601
Ion Ratio Lower Upper
117 100
119 8.4 77.4 116.0#
121 0.0 25.4 38.0#

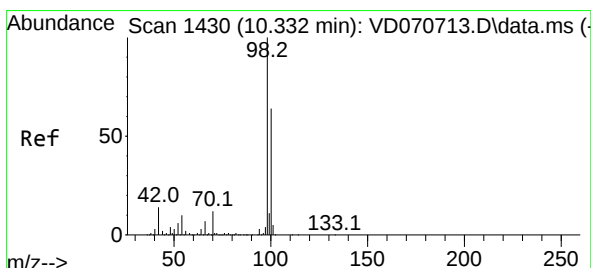
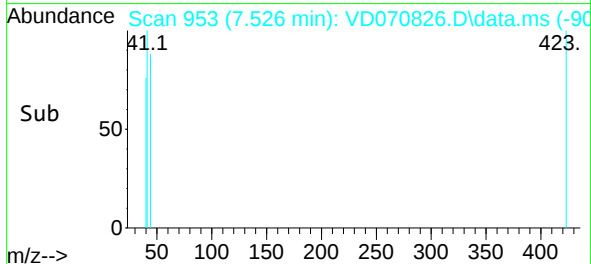
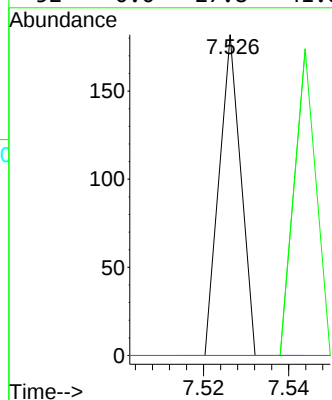
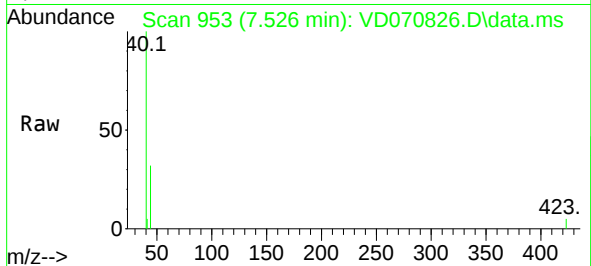




#41
Methacrylonitrile
Concen: 2.063 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.012 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

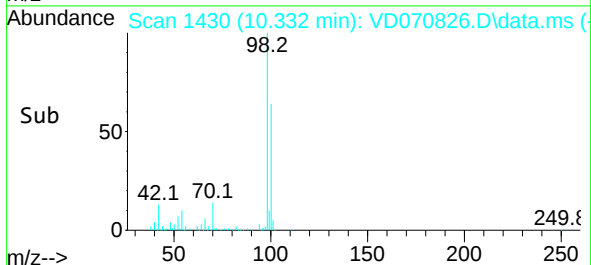
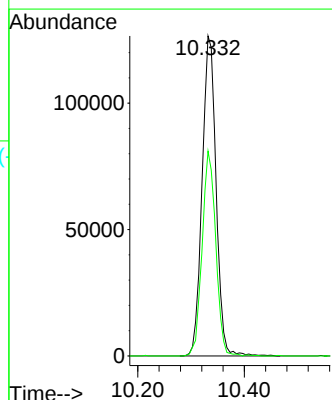
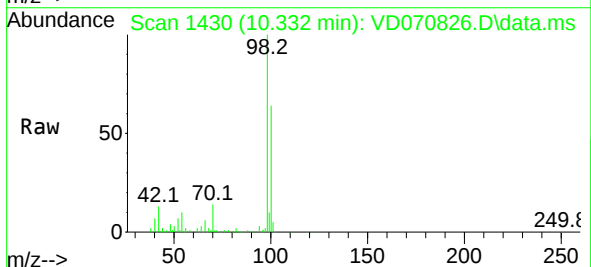
Instrument :
MSVOA_D
ClientSampled :

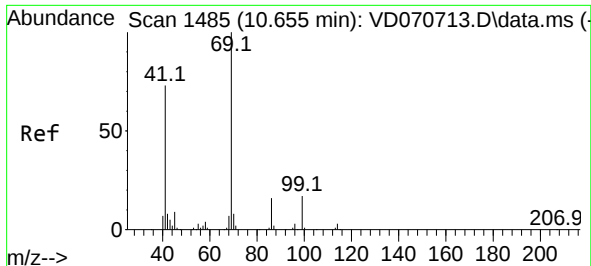
Tgt Ion: 41	Resp: 64
Ion Ratio	Lower Upper
41 100	
39 95.3	45.2 67.8#
67 0.0	75.8 113.6#
52 0.0	27.8 41.8#



#50
Toluene-d8
Concen: 53.047 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

Tgt Ion: 98	Resp: 230242
Ion Ratio	Lower Upper
98 100	
100 62.4	52.2 78.4

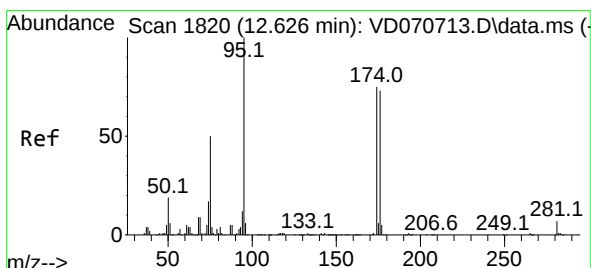
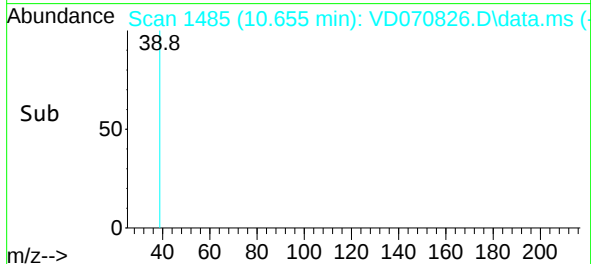
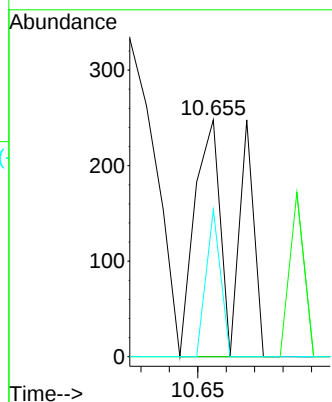
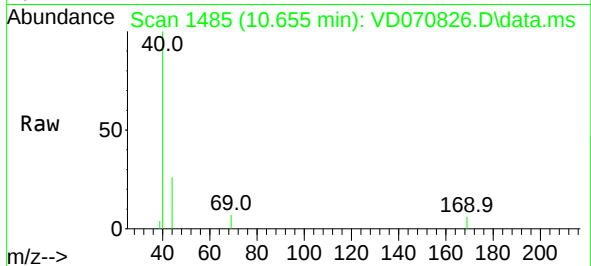




#56
Ethyl methacrylate
Concen: 4.320 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

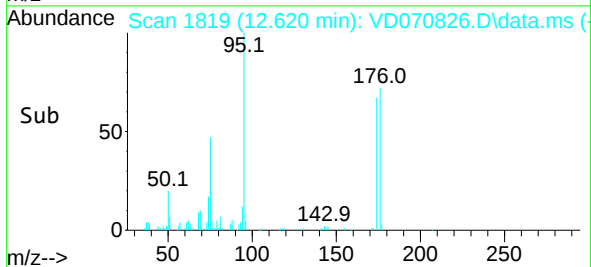
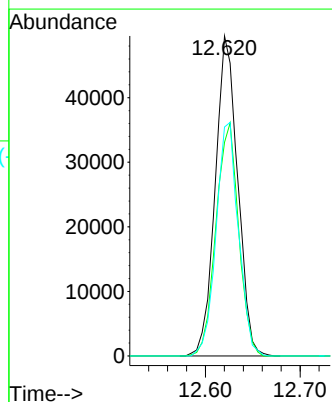
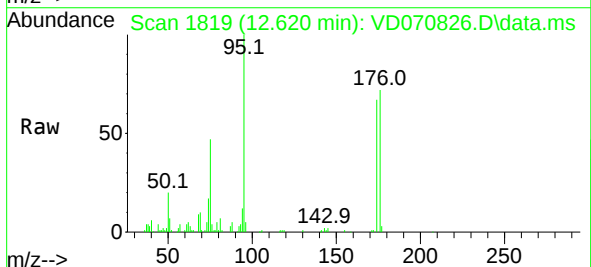
Instrument :
MSVOA_D
ClientSampleId :

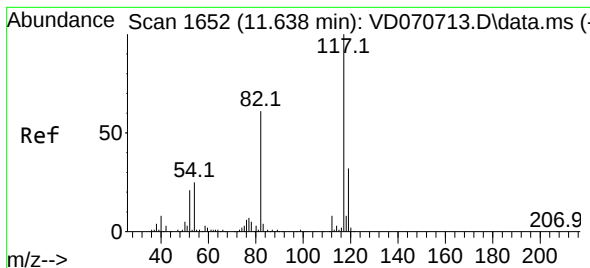
Tgt Ion: 69 Resp: 240
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 22.5 19.5 29.3



#62
4-Bromofluorobenzene
Concen: 54.590 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

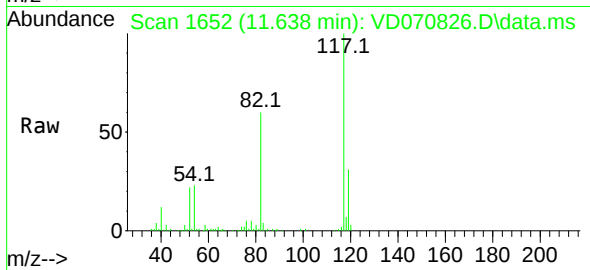
Tgt Ion: 95 Resp: 81584
Ion Ratio Lower Upper
95 100
174 73.4 0.0 138.0
176 72.5 0.0 135.6



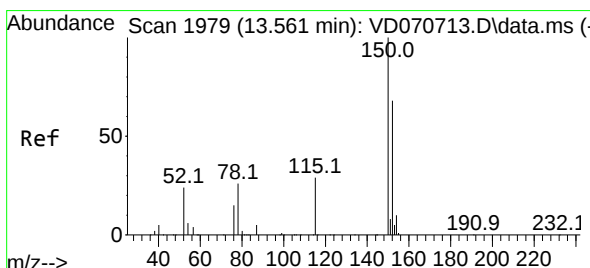
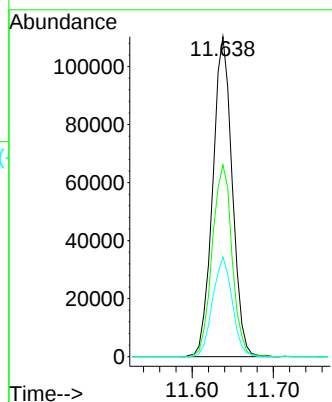
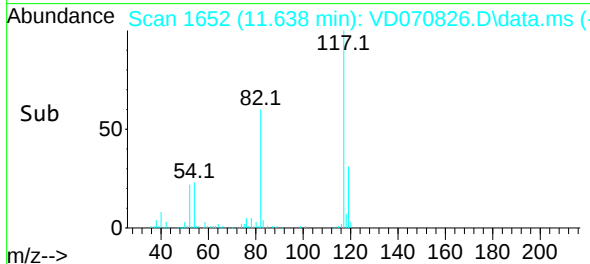


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

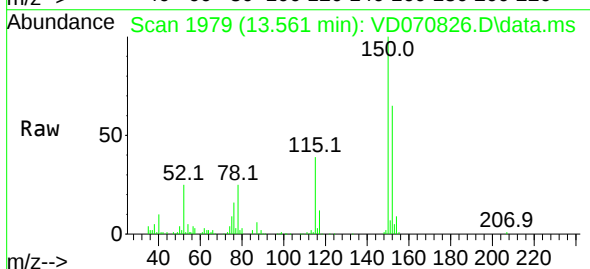
Instrument :
MSVOA_D
ClientSampled :



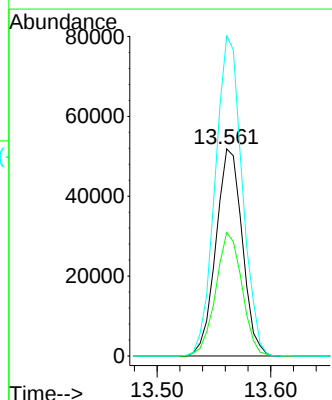
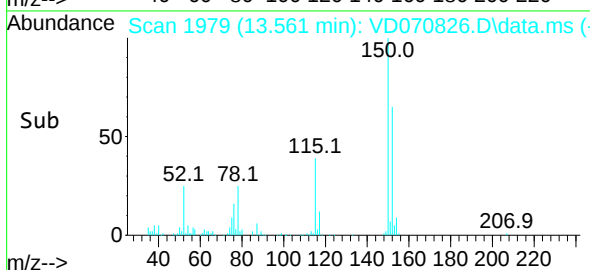
Tgt Ion:117 Resp: 183906
Ion Ratio Lower Upper
117 100
82 59.9 45.4 68.2
119 31.2 24.7 37.1

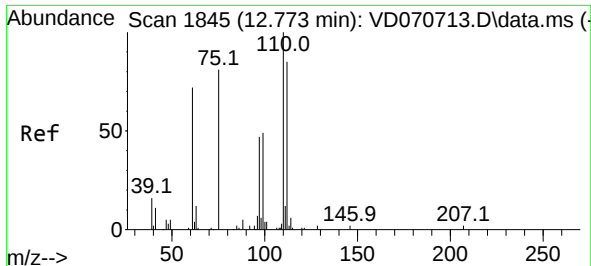


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45



Tgt Ion:152 Resp: 83721
Ion Ratio Lower Upper
152 100
115 59.2 31.9 95.7
150 158.0 0.0 350.0

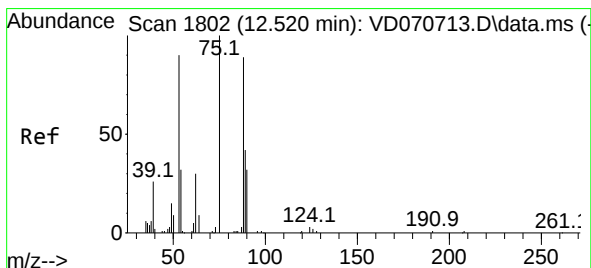
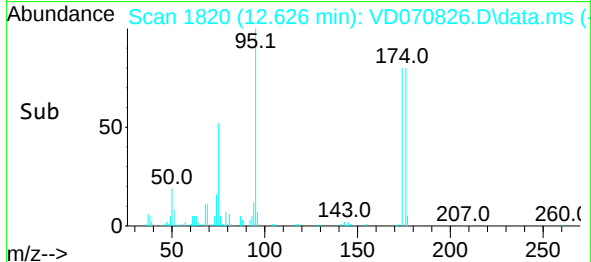
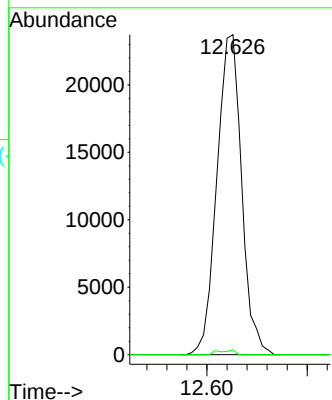
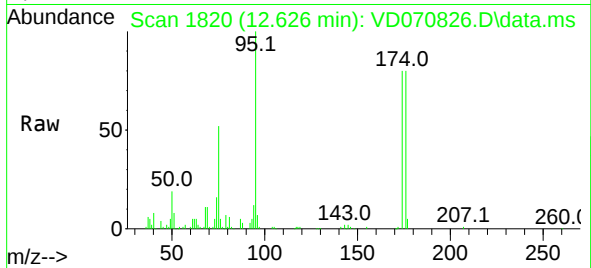




#76
1,2,3-Trichloropropane
Concen: 56.017 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

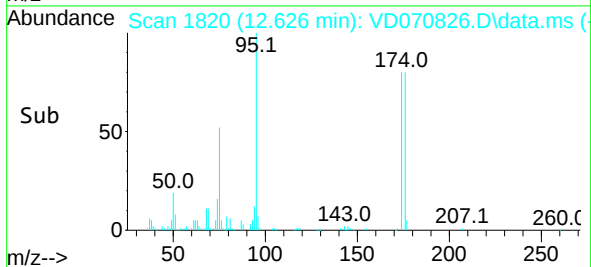
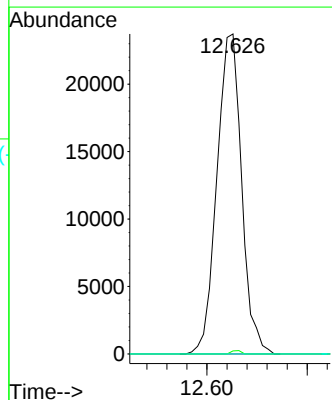
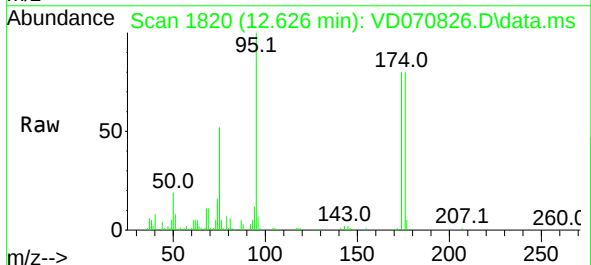
Instrument :
MSVOA_D
ClientSampled :

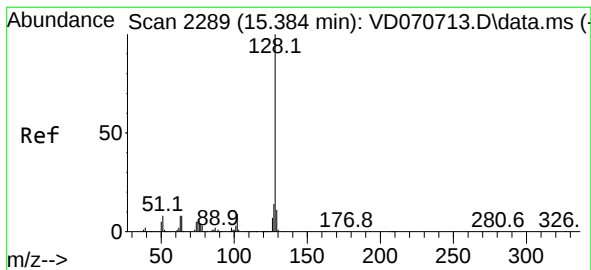
Tgt Ion: 75 Resp: 40518
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.695 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

Tgt Ion: 75 Resp: 40518
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 4.842 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070826.D
Acq: 22 Oct 2021 15:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 148
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

