

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070782.D
 Acq On : 20 Oct 2021 18:14
 Operator : VA/SY
 Sample : M4285-04
 Misc : 5.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-EB-(1)

Quant Time: Oct 21 05:40:42 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)

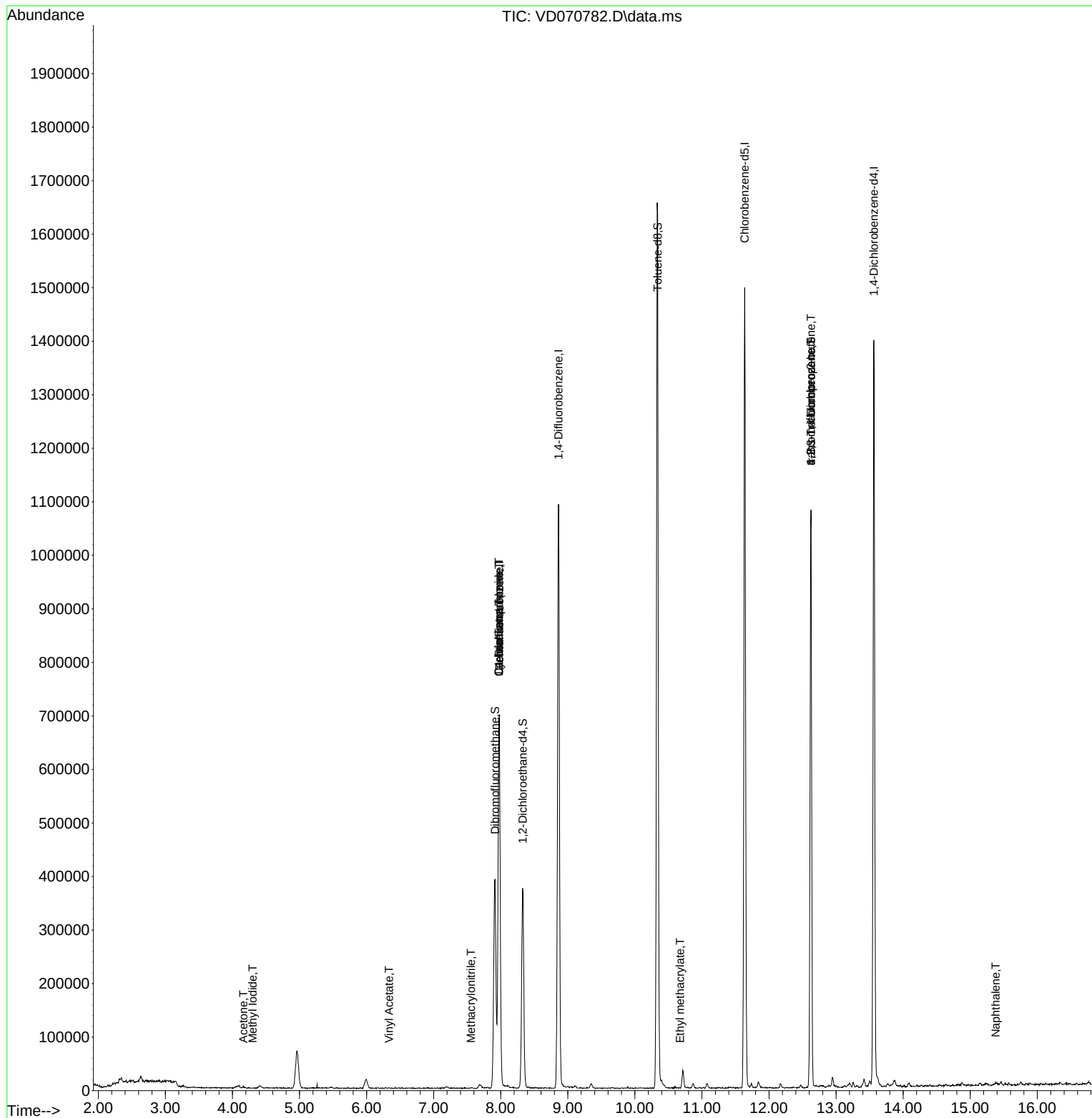
Internal Standards						
1) Pentafluorobenzene	7.979	168	480858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	884651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	830901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	351259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	296205	52.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.020%	
35) Dibromofluoromethane	7.914	113	281758	49.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.480%	
50) Toluene-d8	10.338	98	1127870	51.942	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.626	95	359276	48.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.100%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	335	3.372	ug/l #	59
16) Acetone	4.162	43	2812	2.047	ug/l #	72
23) Vinyl Acetate	6.332	43	90	16.337	ug/l #	69
31) Cyclohexane	7.973	56	14755	1.281	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	44164	4.481	ug/l #	50
38) Carbon Tetrachloride	7.973	117	52276	5.538	ug/l #	16
41) Methacrylonitrile	7.556	41	53	1.963	ug/l #	16
56) Ethyl methacrylate	10.673	69	57	4.163	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	177668	58.545	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	177668	128.231	ug/l #	17
95) Naphthalene	15.379	128	1987	4.951	ug/l #	73

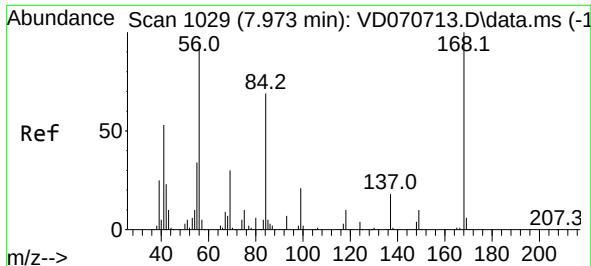
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 18 08:32:03 2021
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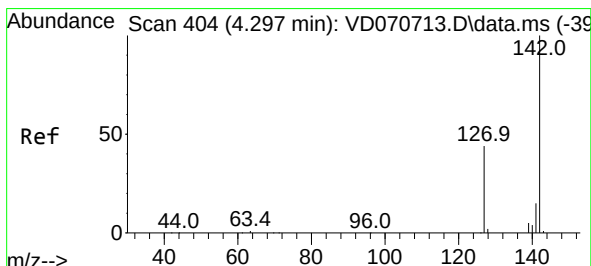
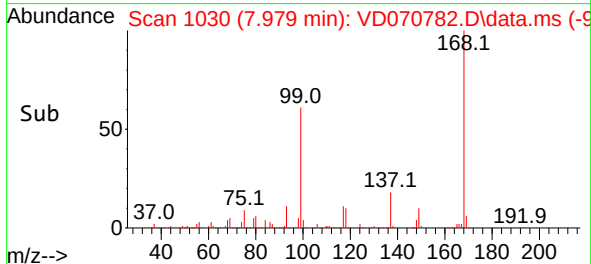
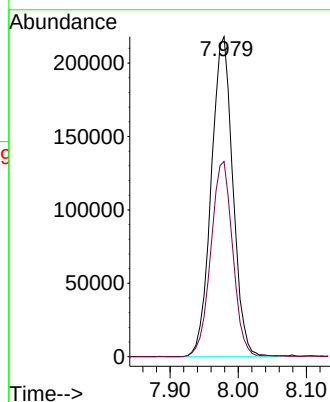
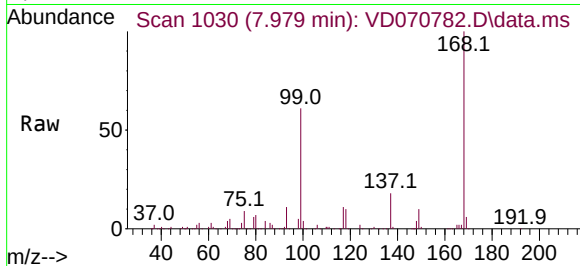




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

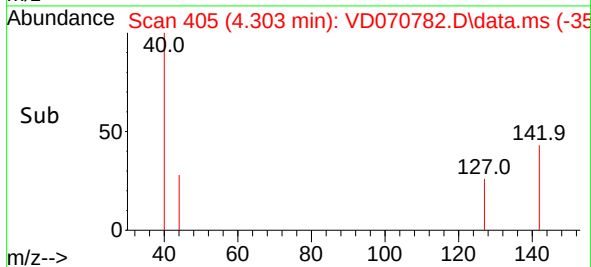
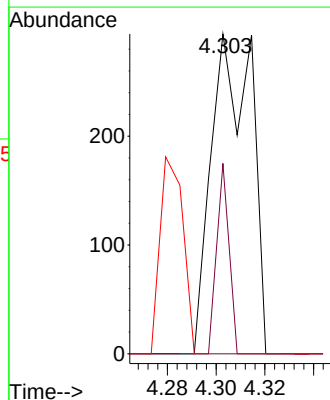
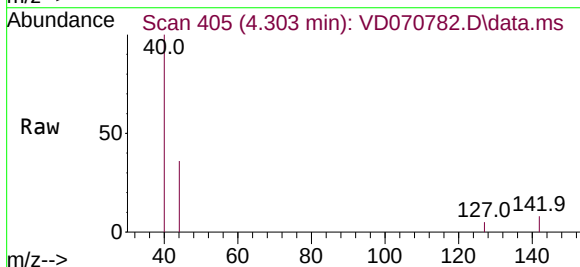
Instrument :
MSVOA_D
ClientSampleId :
MH-EB-(1)

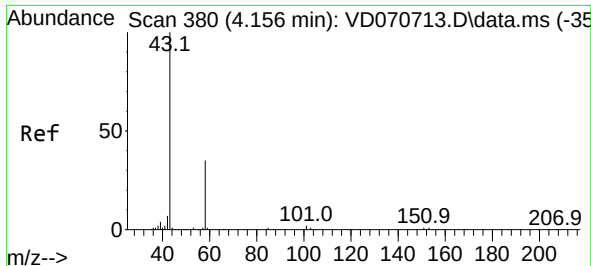
Tgt Ion:168 Resp: 480858
Ion Ratio Lower Upper
168 100
99 61.0 51.4 77.0



#10
Methyl Iodide
Concen: 3.372 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

Tgt Ion:142 Resp: 335
Ion Ratio Lower Upper
142 100
127 18.5 37.5 56.3#
141 0.0 12.1 18.1#

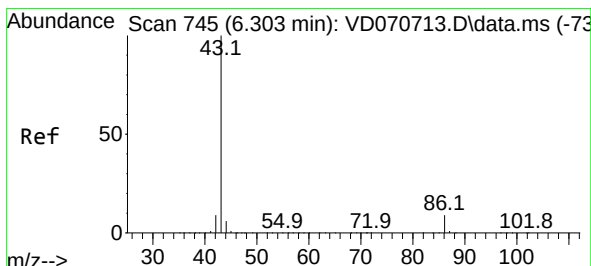
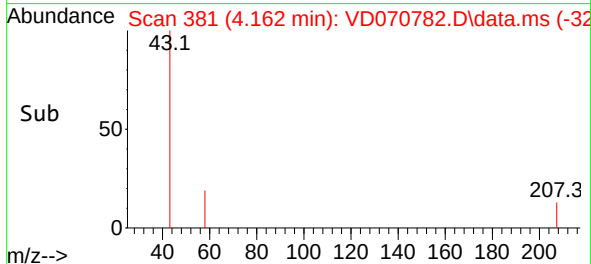
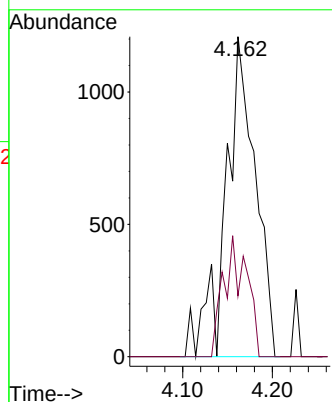
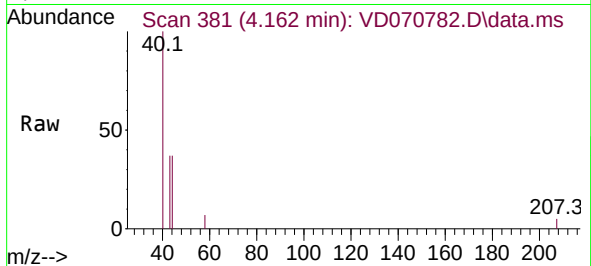




#16
Acetone
Concen: 2.047 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

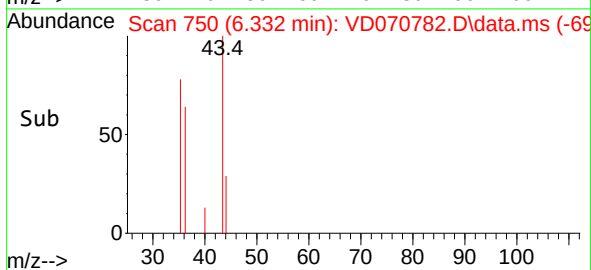
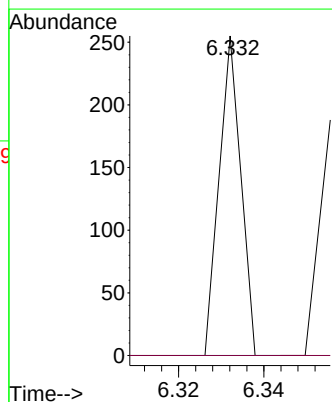
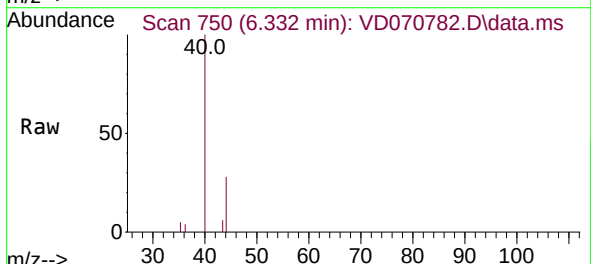
Instrument :
MSVOA_D
ClientSampleId :
MH-EB-(1)

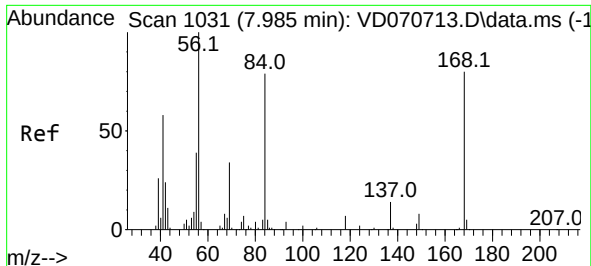
Tgt Ion: 43 Resp: 2812
Ion Ratio Lower Upper
43 100
58 19.0 28.2 42.2#



#23
Vinyl Acetate
Concen: 16.337 ug/l
RT: 6.332 min Scan# 750
Delta R.T. 0.029 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

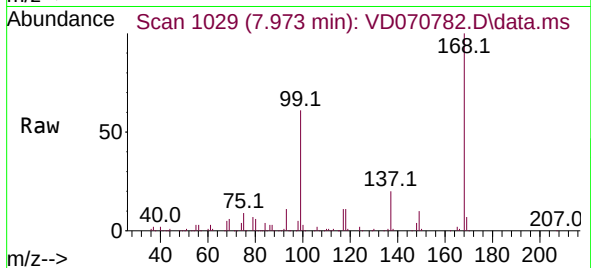
Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
86 0.0 9.8 14.6#



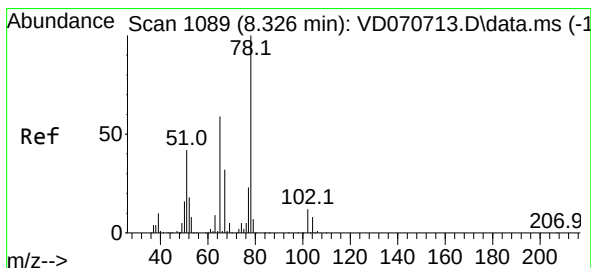
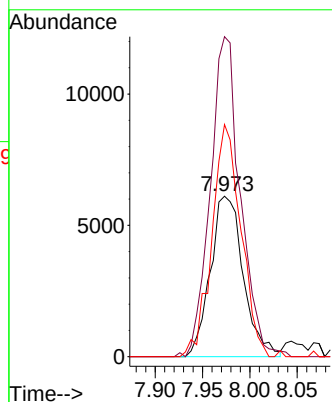
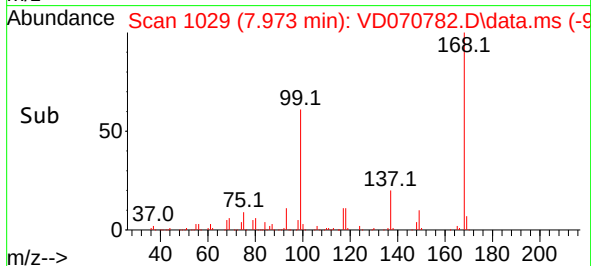


#31
Cyclohexane
Concen: 1.281 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

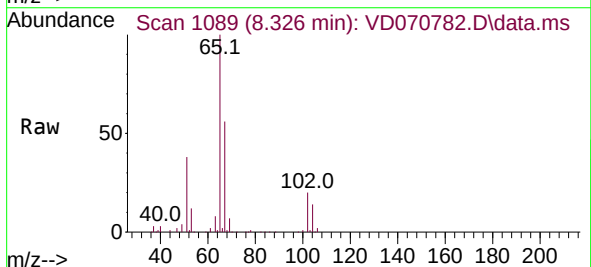
Instrument :
MSVOA_D
ClientSampleId :
MH-EB-(1)



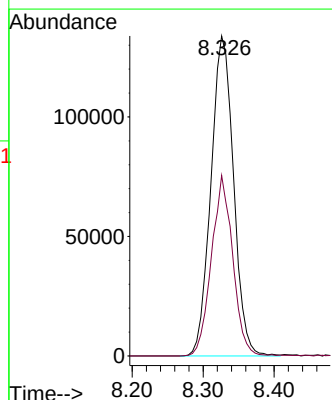
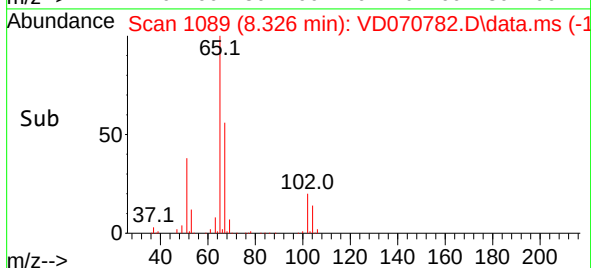
Tgt Ion	Ratio	Lower	Upper
56	100		
69	197.0	27.4	41.2#
84	144.7	73.6	110.4#

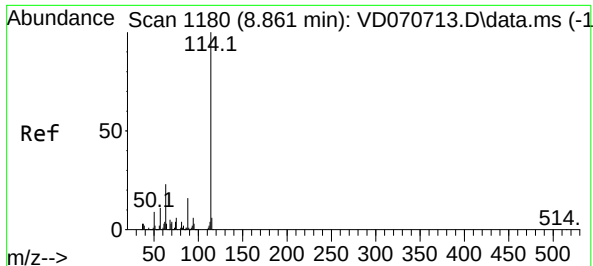


#33
1,2-Dichloroethane-d4
Concen: 52.008 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14



Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.1	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: VD070782.D

Acq: 20 Oct 2021 18:14

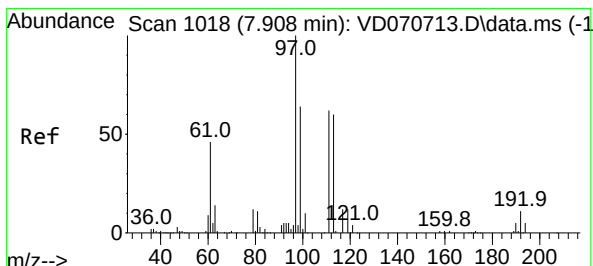
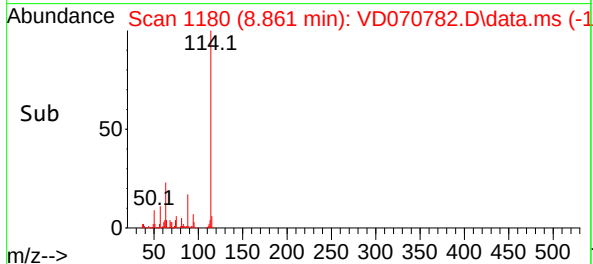
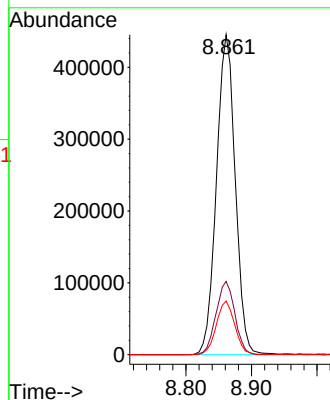
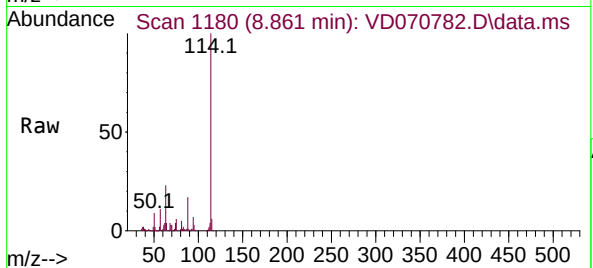
Tgt Ion:114 Resp: 884651

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.741 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD070782.D

Acq: 20 Oct 2021 18:14

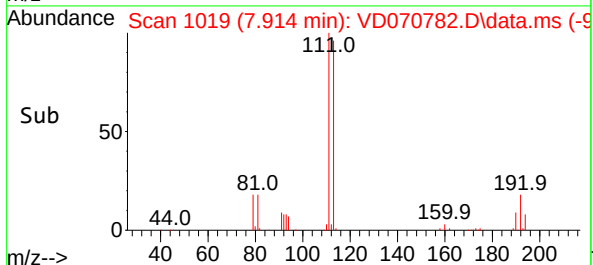
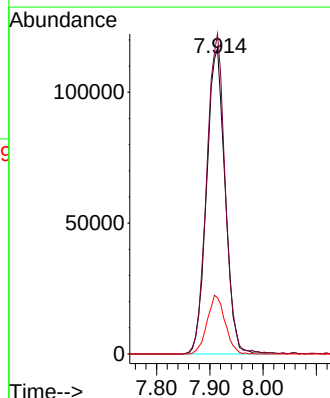
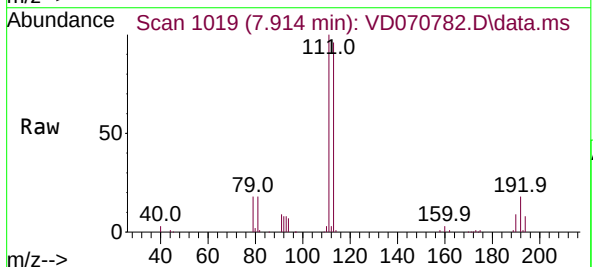
Tgt Ion:113 Resp: 281758

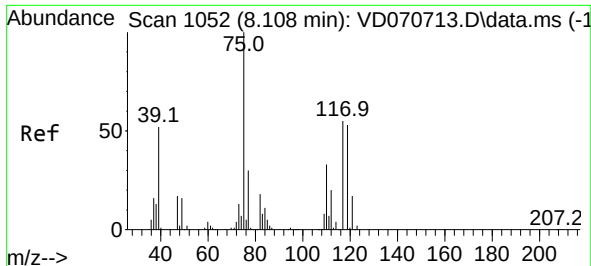
Ion Ratio Lower Upper

113 100

111 104.2 83.1 124.7

192 18.6 12.7 19.1

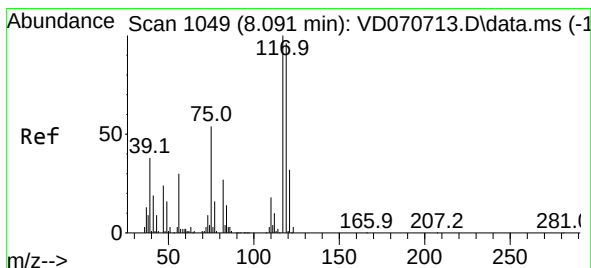
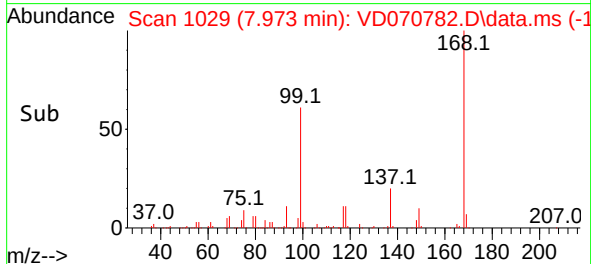
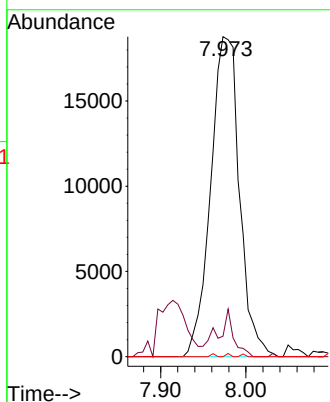
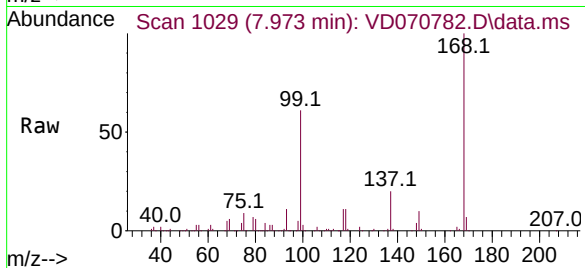




#36
1,1-Dichloropropene
Concen: 4.481 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

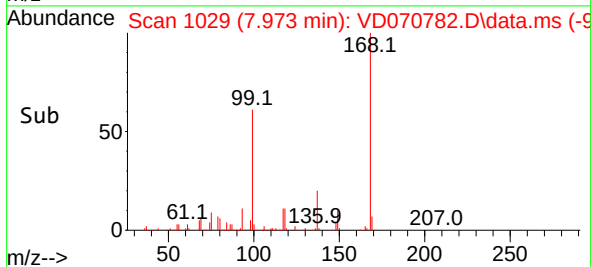
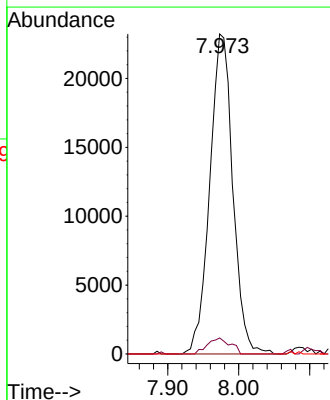
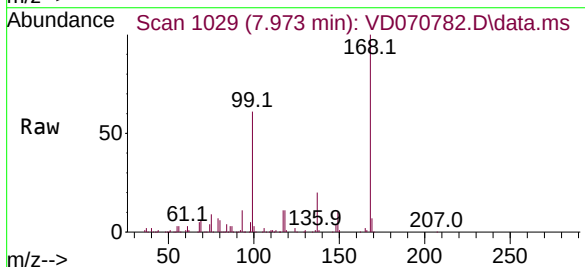
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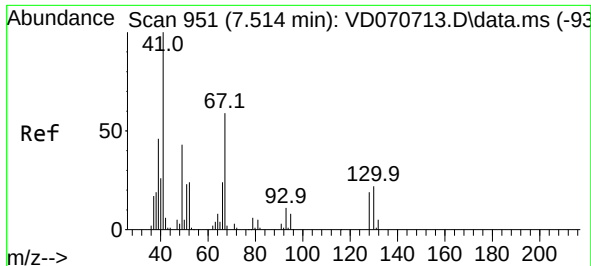
Tgt Ion: 75 Resp: 44164
Ion Ratio Lower Upper
75 100
110 8.6 17.2 51.6#
77 0.2 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.538 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

Tgt Ion: 117 Resp: 52276
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.0#
121 0.0 25.4 38.0#

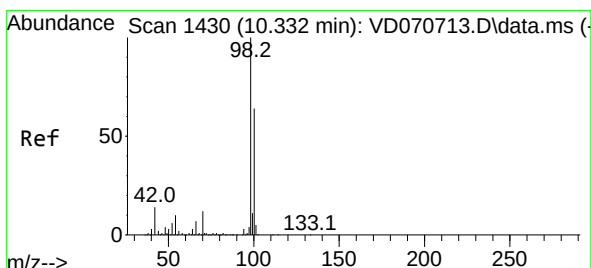
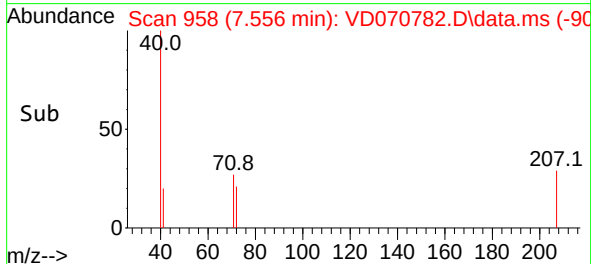
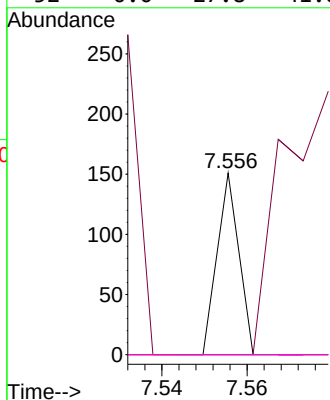
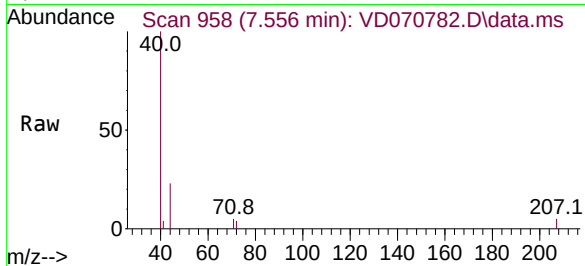




#41
Methacrylonitrile
Concen: 1.963 ug/l
RT: 7.556 min Scan# 958
Delta R.T. 0.042 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

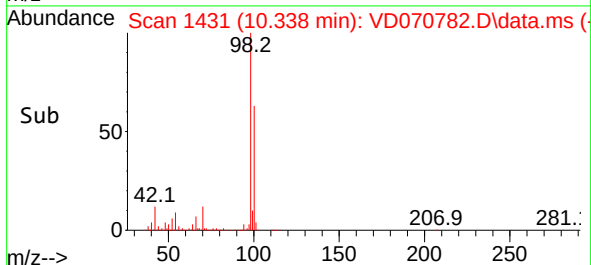
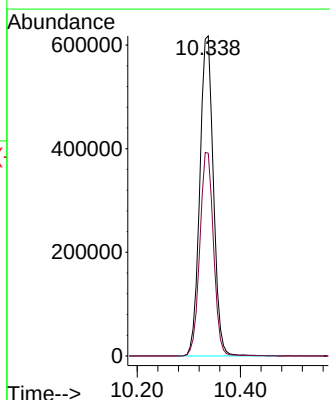
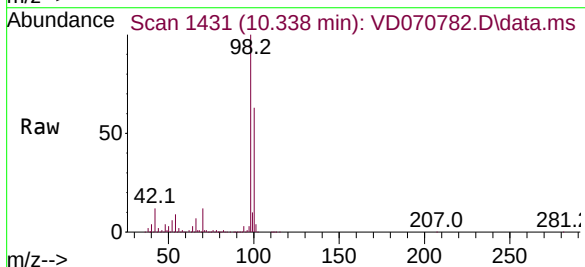
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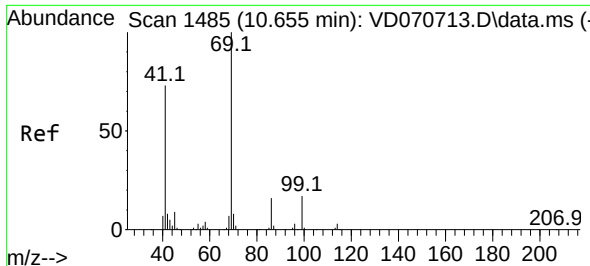
Tgt Ion:	41	Resp:	53
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	75.8	113.6#
52	0.0	27.8	41.8#



#50
Toluene-d8
Concen: 51.942 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

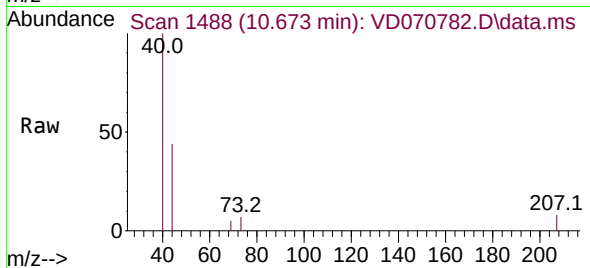
Tgt Ion:	98	Resp:	1127870
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.4



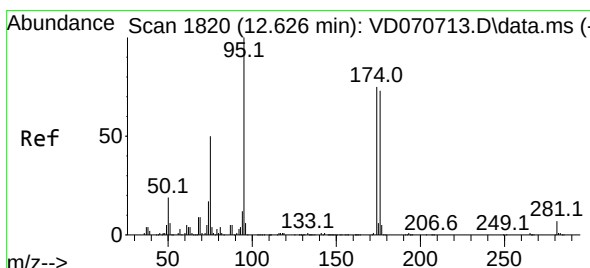
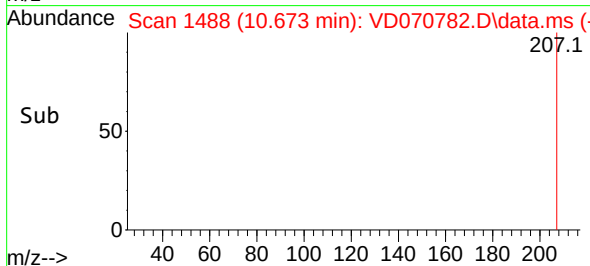
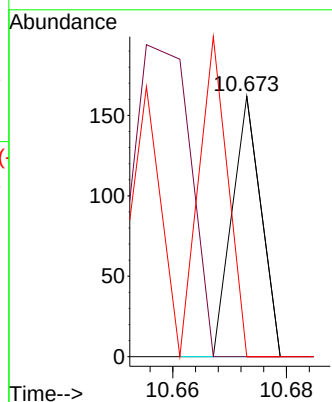


#56
Ethyl methacrylate
Concen: 4.163 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

Instrument :
MSVOA_D
ClientSampleId :
MH-EB-(1)

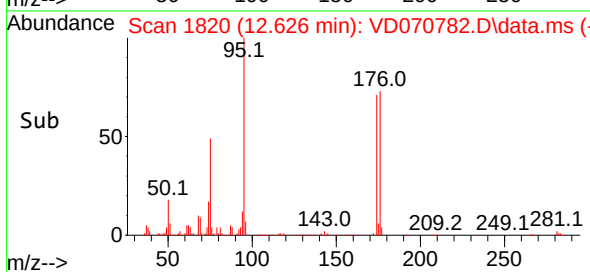
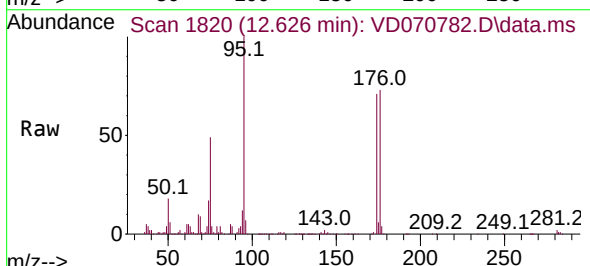
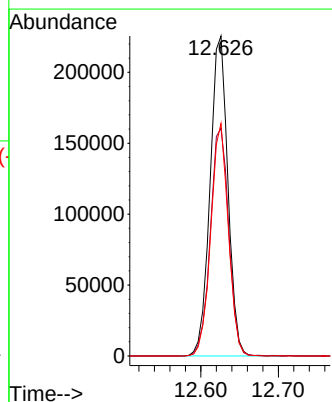


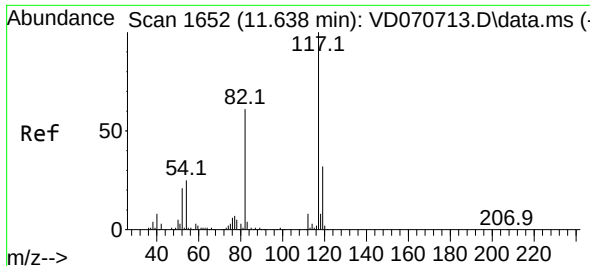
Tgt Ion: 69 Resp: 57
Ion Ratio Lower Upper
69 100
41 235.1 44.7 67.1#
39 103.5 19.5 29.3#



#62
4-Bromofluorobenzene
Concen: 48.053 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

Tgt Ion: 95 Resp: 359276
Ion Ratio Lower Upper
95 100
174 74.0 0.0 138.0
176 71.6 0.0 135.6

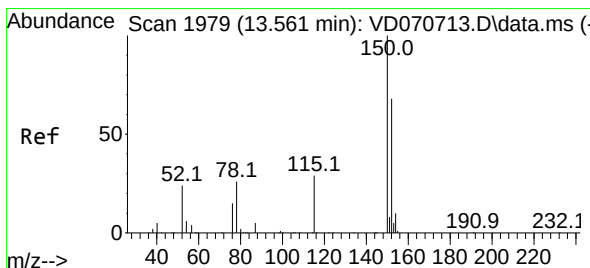
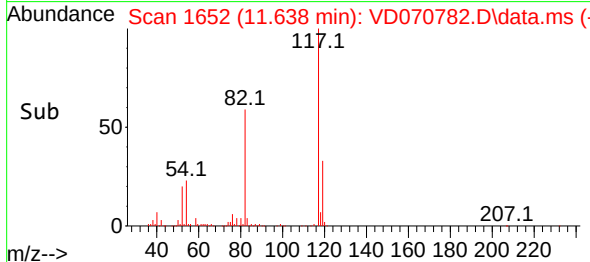
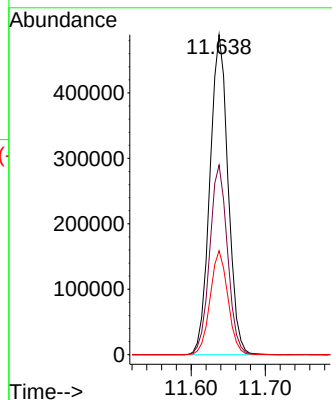
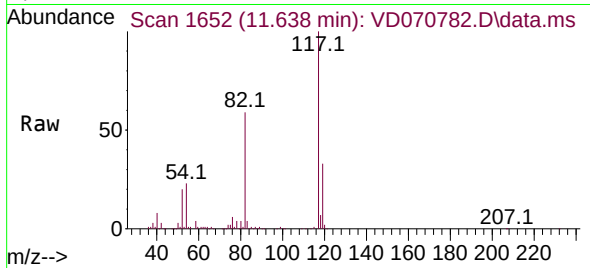




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

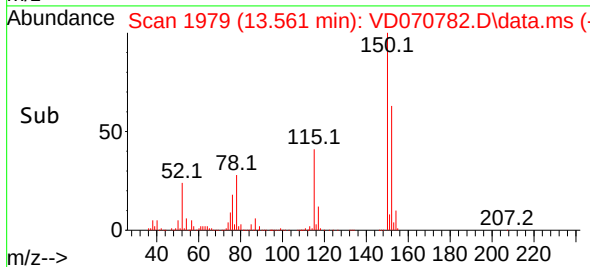
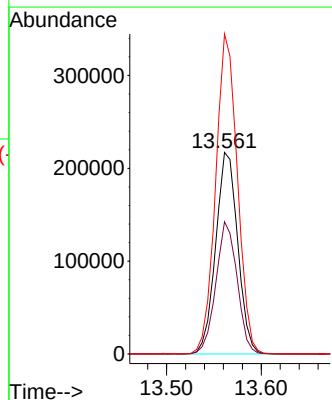
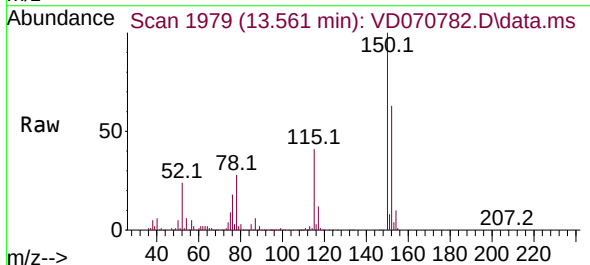
Instrument :
MSVOA_D
ClientSampleId :
MH-EB-(1)

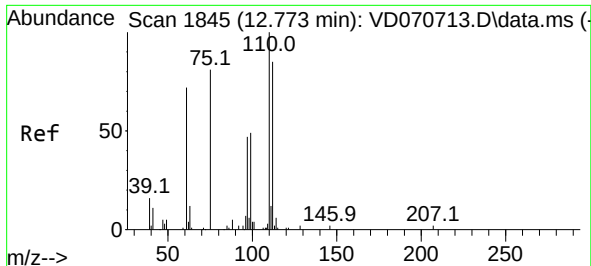
Tgt Ion:117 Resp: 830901
Ion Ratio Lower Upper
117 100
82 59.2 45.4 68.2
119 32.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

Tgt Ion:152 Resp: 351259
Ion Ratio Lower Upper
152 100
115 63.4 31.9 95.7
150 156.8 0.0 350.0

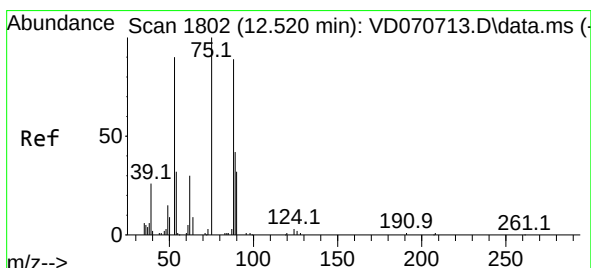
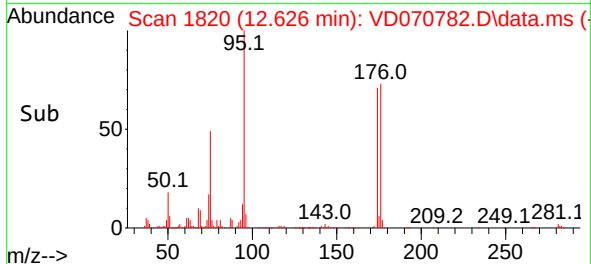
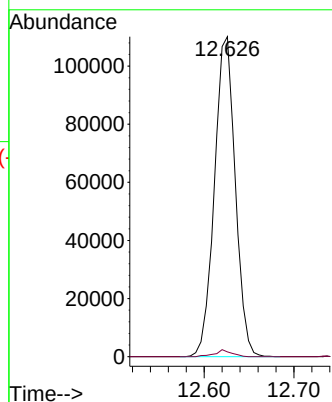
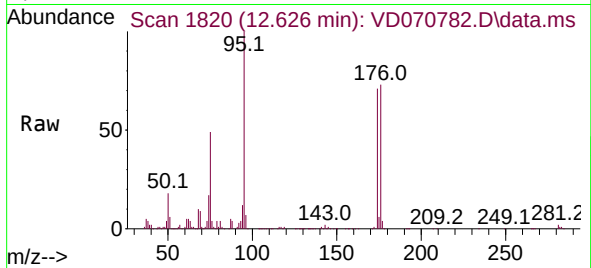




#76
1,2,3-Trichloropropane
Concen: 58.545 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

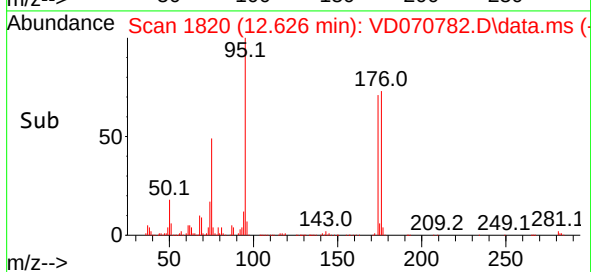
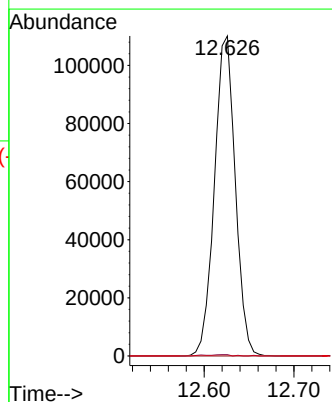
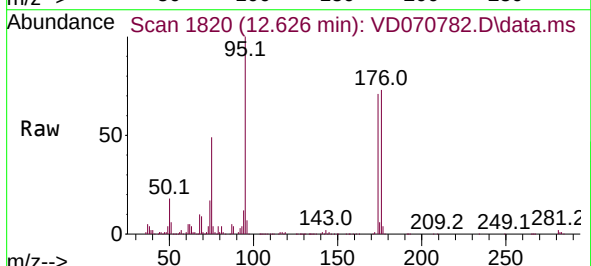
Instrument :
MSVOA_D
ClientSampleId :
MH-EB-(1)

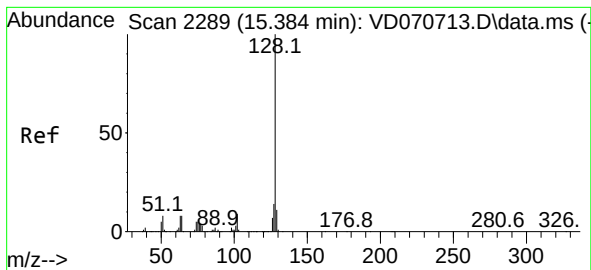
Tgt Ion: 75 Resp: 177668
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.231 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

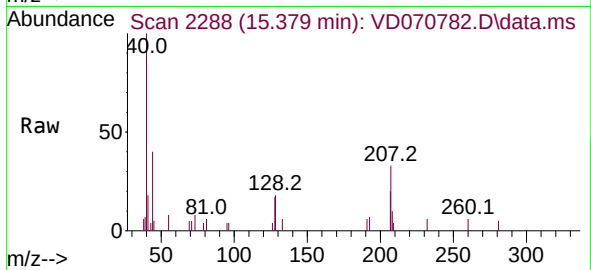
Tgt Ion: 75 Resp: 177668
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 4.951 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

Instrument :
MSVOA_D
ClientSampleId :
MH-EB-(1)



Tgt Ion:	128	Resp:	1987
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.9	16.3#
129	3.7	8.6	12.8#

