

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070807.D
 Acq On : 21 Oct 2021 18:15
 Operator : VA/SY
 Sample : M4294-07
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

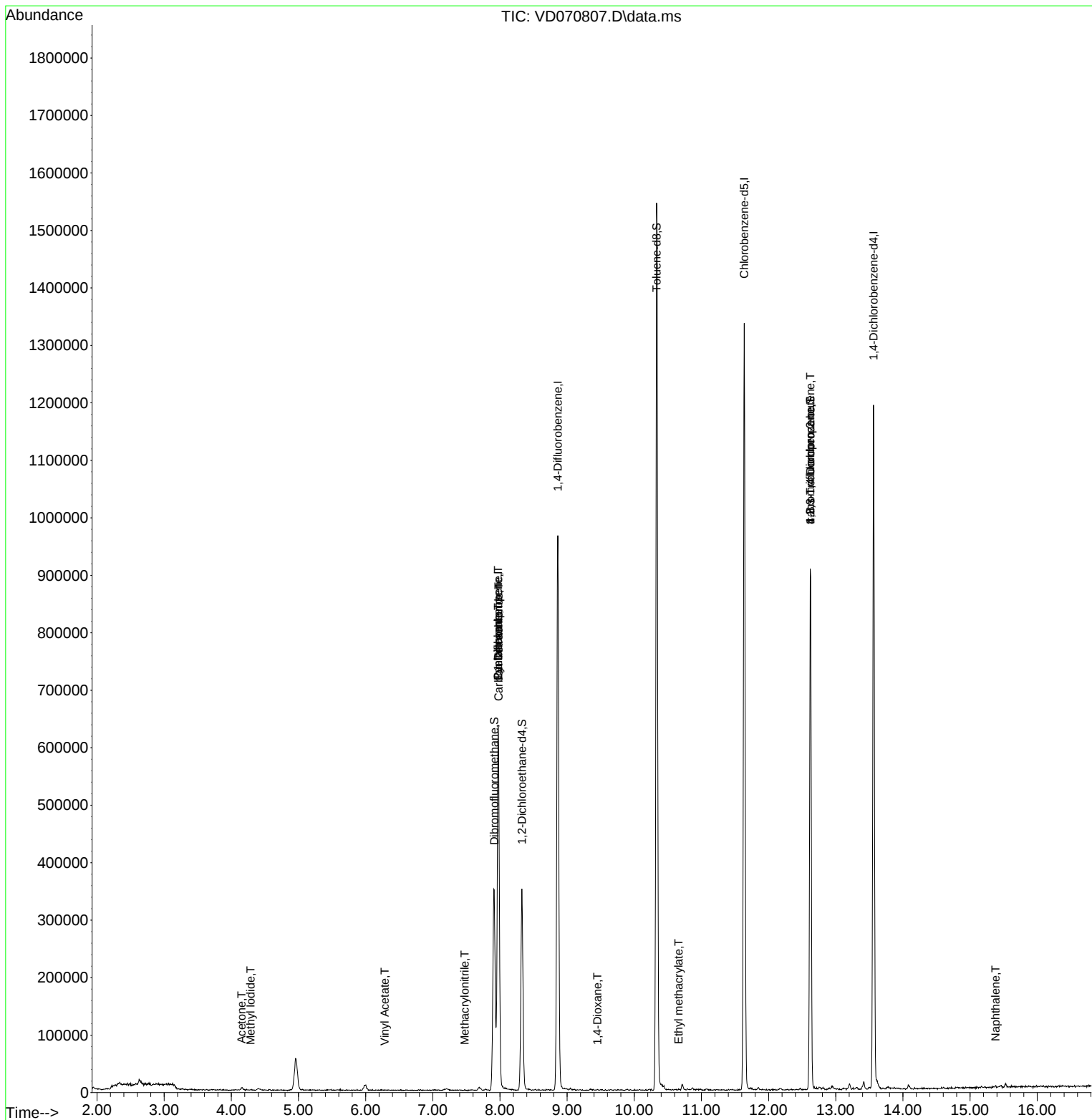
Quant Time: Oct 22 06:17:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

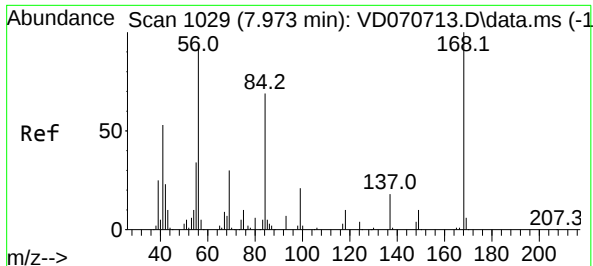
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	431538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	775333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	732584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	303409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267350	52.306	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.620%			
35) Dibromofluoromethane	7.914	113	255795	51.525	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.040%			
50) Toluene-d8	10.332	98	1025678	53.896	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.800%			
62) 4-Bromofluorobenzene	12.620	95	309682	47.259	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.520%			
Target Compounds						Qvalue
10) Methyl Iodide	4.285	142	57	3.330	ug/l #	38
16) Acetone	4.150	43	7353	5.964	ug/l	89
23) Vinyl Acetate	6.285	43	58	16.335	ug/l #	69
31) Cyclohexane	7.973	56	12129	1.173	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	40842	4.729	ug/l #	50
38) Carbon Tetrachloride	7.979	117	43995	5.318	ug/l #	17
41) Methacrylonitrile	7.473	41	114	1.992	ug/l #	16
49) 1,4-Dioxane	9.450	88	180	5.326	ug/l #	23
56) Ethyl methacrylate	10.661	69	278	4.199	ug/l #	44
76) 1,2,3-Trichloropropane	12.620	75	158530	60.477	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	158530	132.463	ug/l #	18
95) Naphthalene	15.379	128	798	4.866	ug/l #	79

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

Quant Time: Oct 22 06:17:01 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

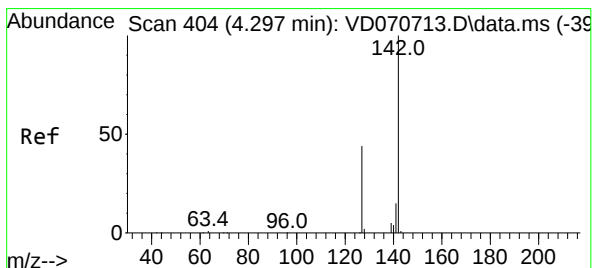
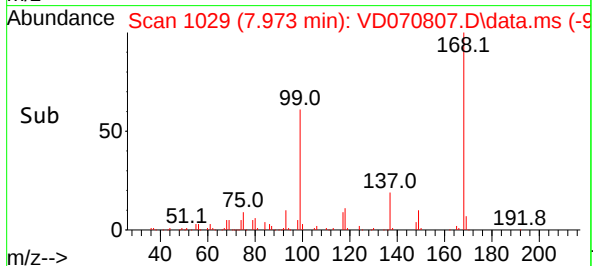
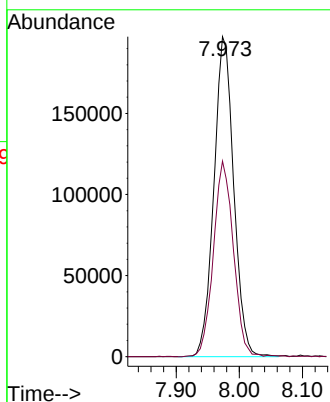
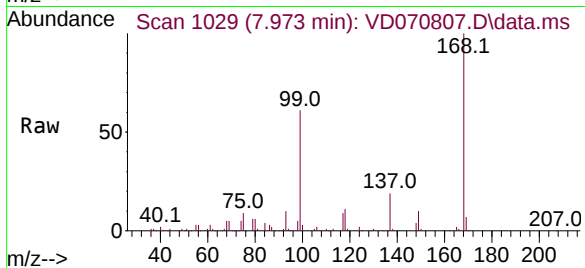




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

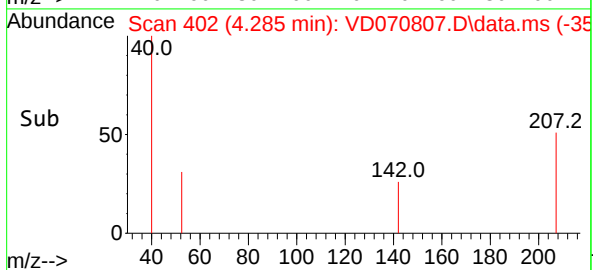
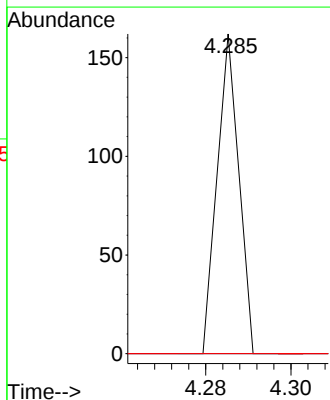
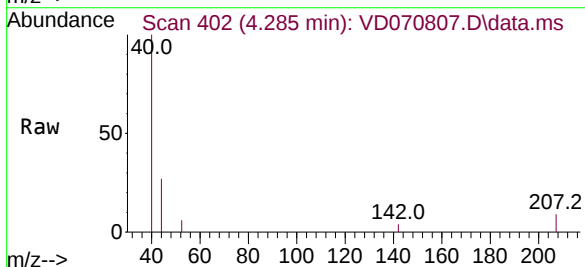
Instrument :
MSVOA_D
ClientSampled :

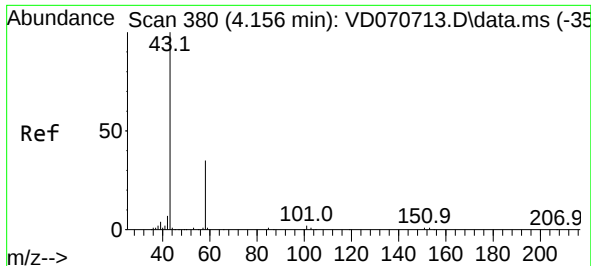
Tgt Ion:168 Resp: 431538
Ion Ratio Lower Upper
168 100
99 61.1 51.4 77.0



#10
Methyl Iodide
Concen: 3.330 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 12.1 18.1#

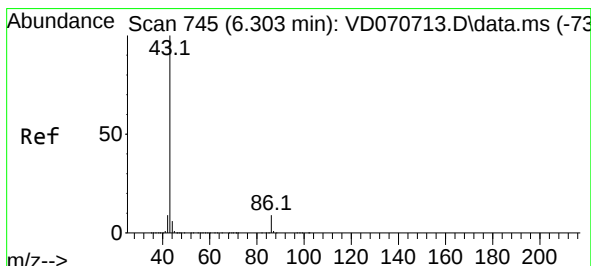
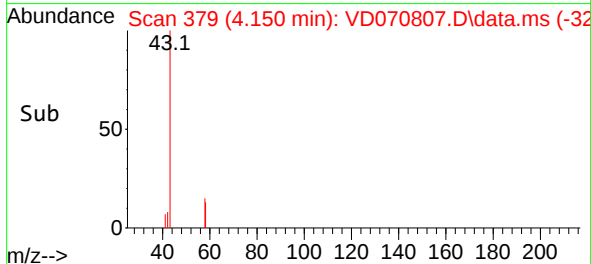
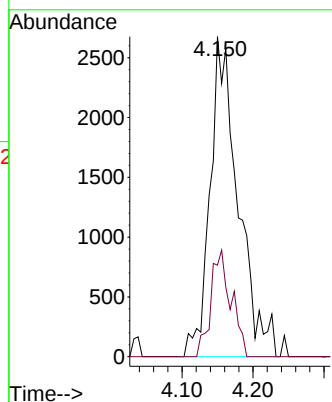
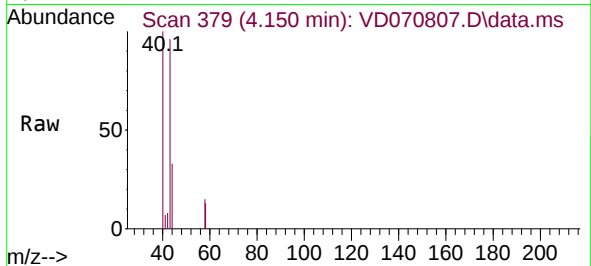




#16
Acetone
Concen: 5.964 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

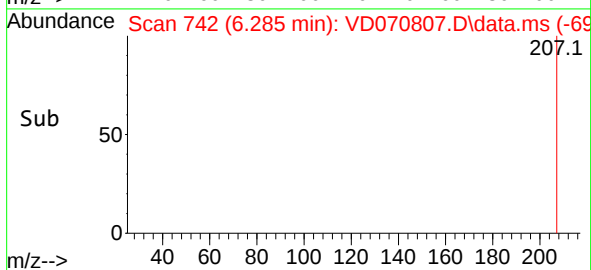
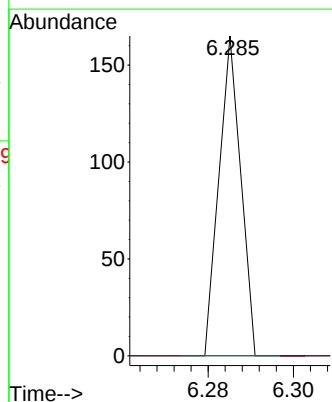
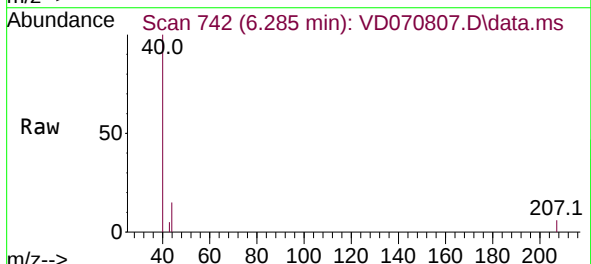
Instrument :
MSVOA_D
ClientSampled :

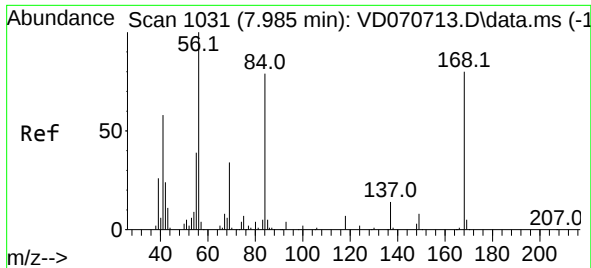
Tgt Ion: 43 Resp: 7353
Ion Ratio Lower Upper
43 100
58 28.6 28.2 42.2



#23
Vinyl Acetate
Concen: 16.335 ug/l
RT: 6.285 min Scan# 742
Delta R.T. -0.018 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
86 0.0 9.8 14.6#

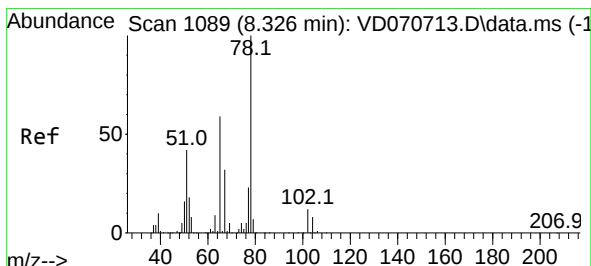
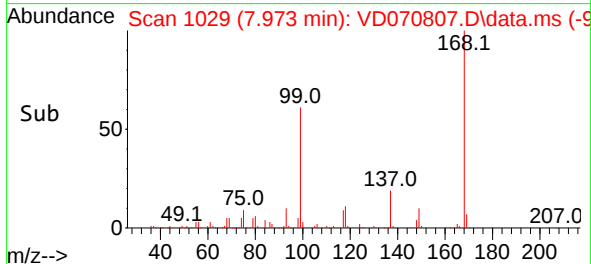
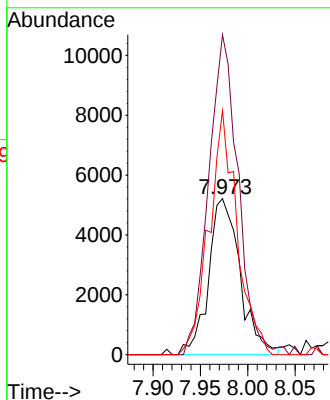
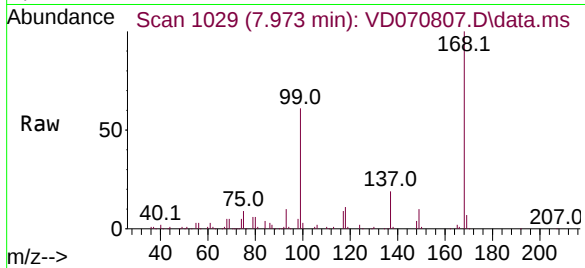




#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

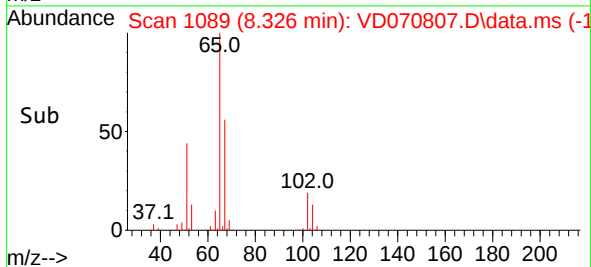
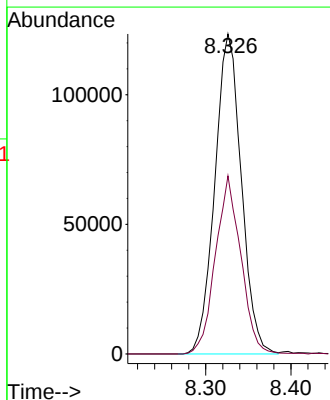
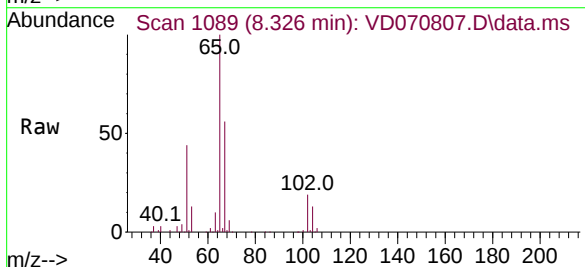
Instrument :
MSVOA_D
ClientSampleId :

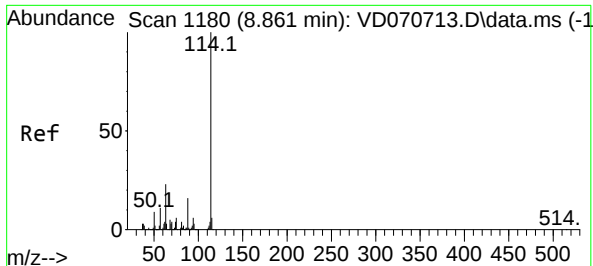
Tgt Ion: 56 Resp: 12129
Ion Ratio Lower Upper
56 100
69 205.1 27.4 41.2#
84 156.5 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 52.306 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Tgt Ion: 65 Resp: 267350
Ion Ratio Lower Upper
65 100
67 53.3 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: VD070807.D

Acq: 21 Oct 2021 18:15

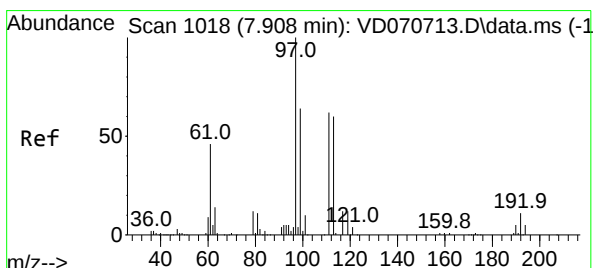
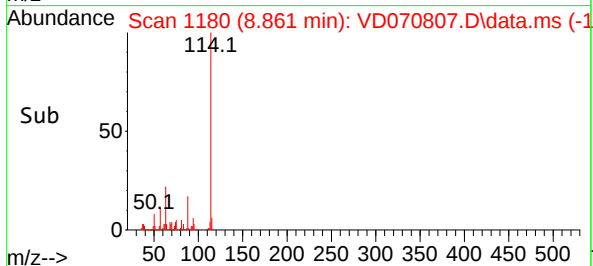
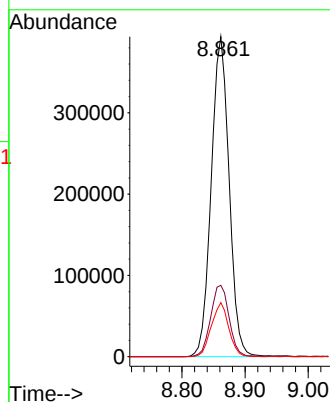
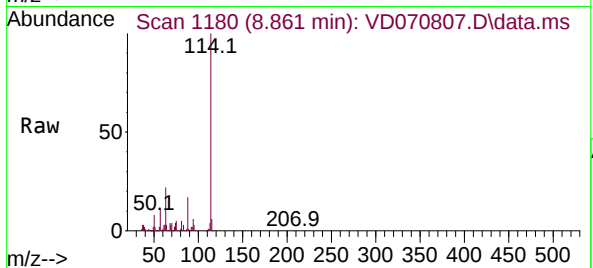
Tgt Ion:114 Resp: 775333

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.525 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD070807.D

Acq: 21 Oct 2021 18:15

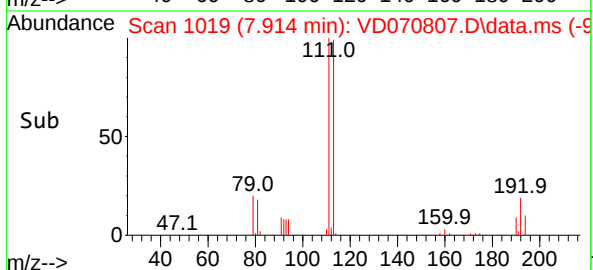
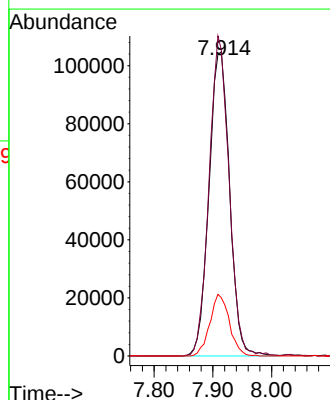
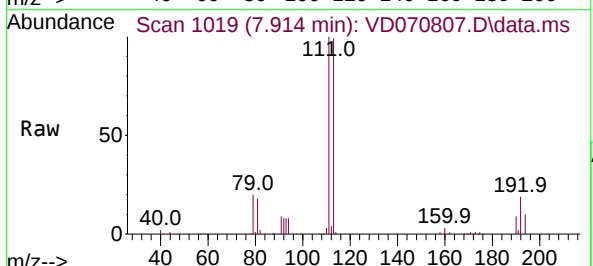
Tgt Ion:113 Resp: 255795

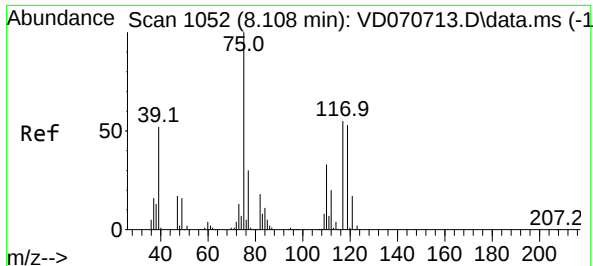
Ion Ratio Lower Upper

113 100

111 101.7 83.1 124.7

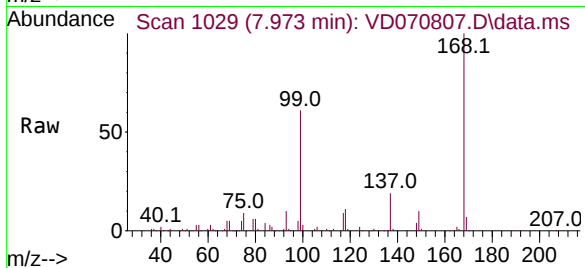
192 19.2 12.7 19.1#



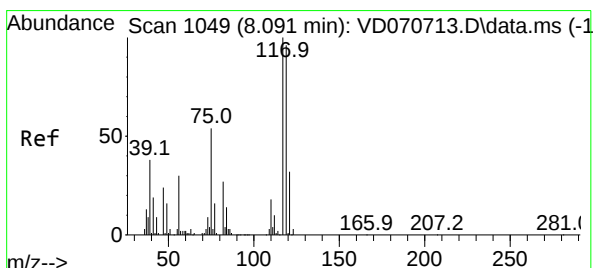
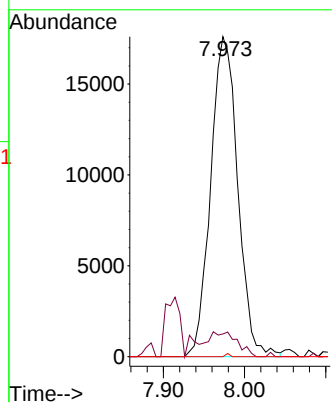
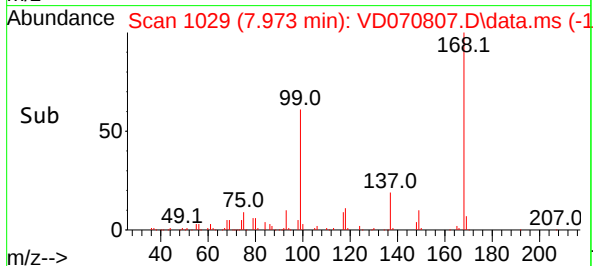


#36
1,1-Dichloropropene
Concen: 4.729 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

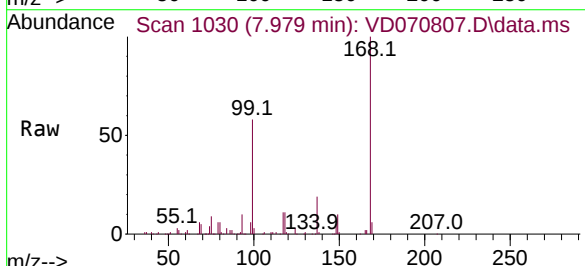
Instrument :
MSVOA_D
ClientSampled :



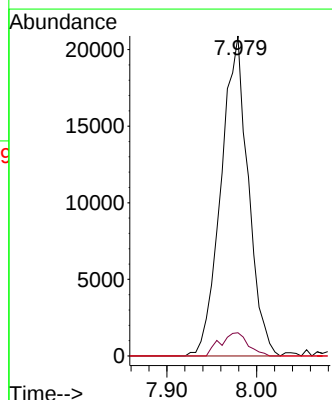
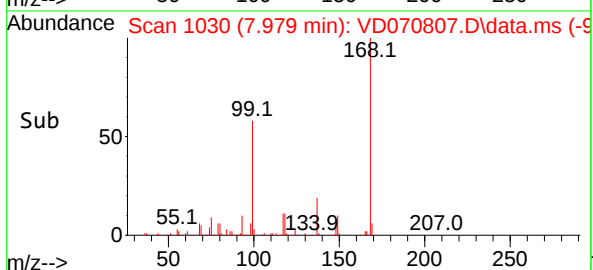
Tgt Ion: 75 Resp: 40842
Ion Ratio Lower Upper
75 100
110 8.4 17.2 51.6#
77 0.2 24.2 36.4#

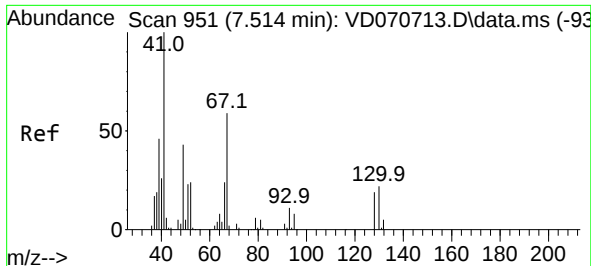


#38
Carbon Tetrachloride
Concen: 5.318 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15



Tgt Ion: 117 Resp: 43995
Ion Ratio Lower Upper
117 100
119 7.2 77.4 116.0#
121 0.0 25.4 38.0#

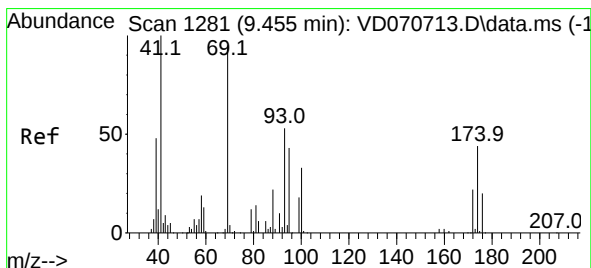
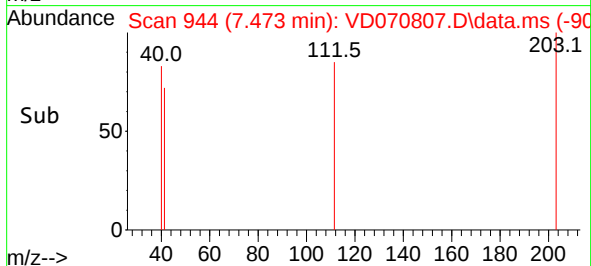
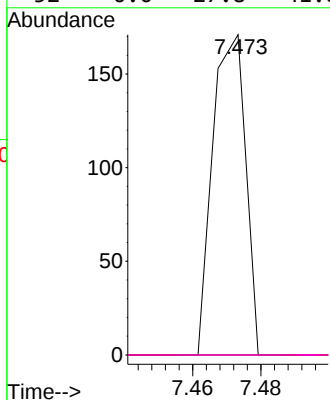
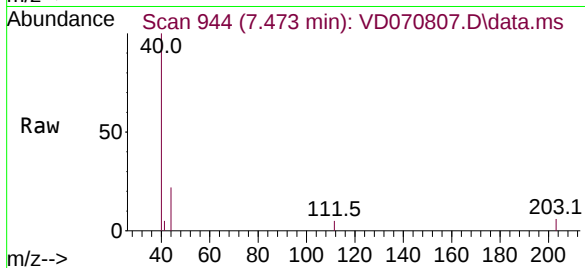




#41
Methacrylonitrile
Concen: 1.992 ug/l
RT: 7.473 min Scan# 944
Delta R.T. -0.041 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

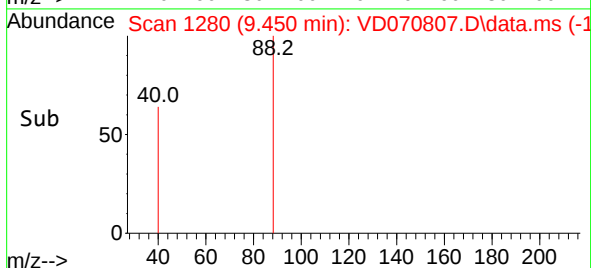
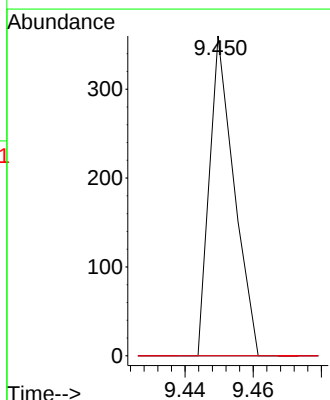
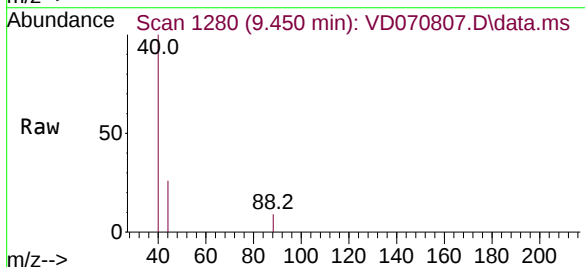
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ClientSampleId :

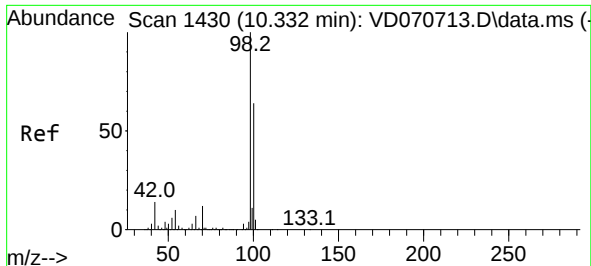
Tgt Ion:	41	Resp:	114
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	75.8	113.6#
52	0.0	27.8	41.8#



#49
1,4-Dioxane
Concen: 5.326 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Tgt Ion:	88	Resp:	180
Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	0.0	57.4	86.0#

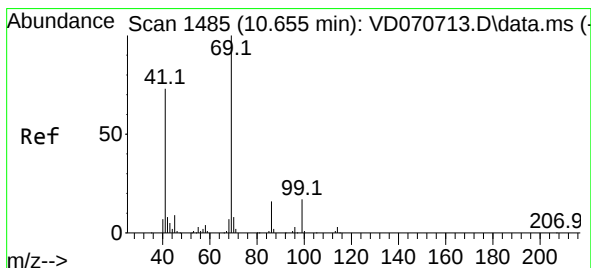
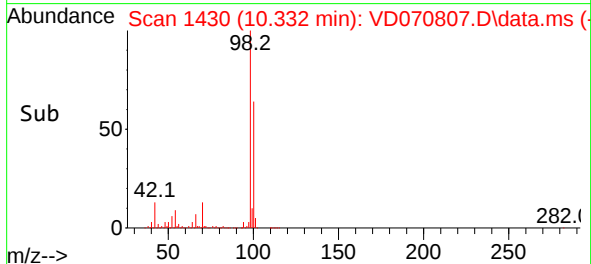
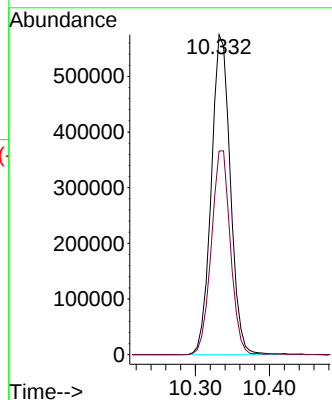
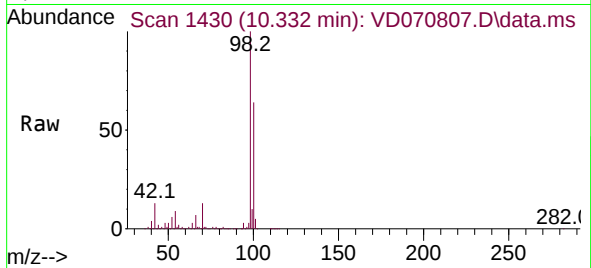




#50
Toluene-d8
Concen: 53.896 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

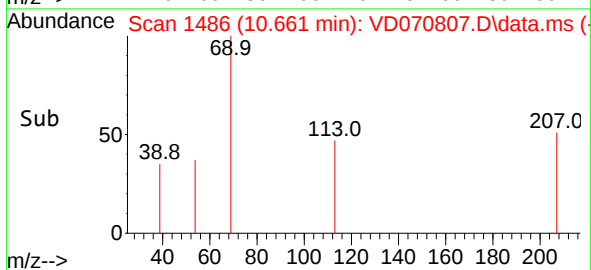
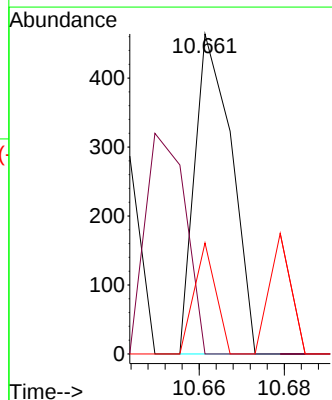
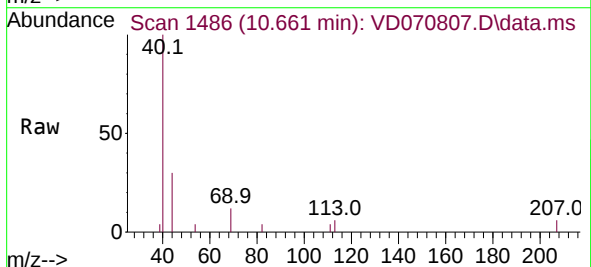
Instrument :
MSVOA_D
ClientSampled :

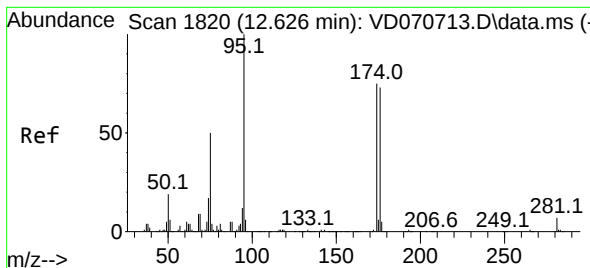
Tgt Ion: 98 Resp: 1025678
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#56
Ethyl methacrylate
Concen: 4.199 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Tgt Ion: 69 Resp: 278
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 20.5 19.5 29.3

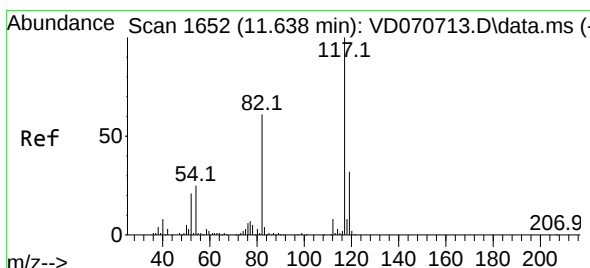
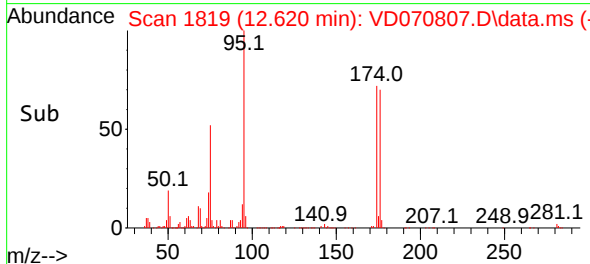
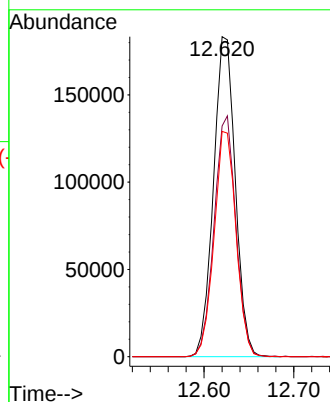
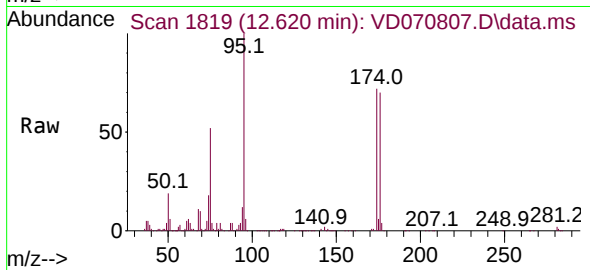




#62
4-Bromofluorobenzene
Concen: 47.259 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

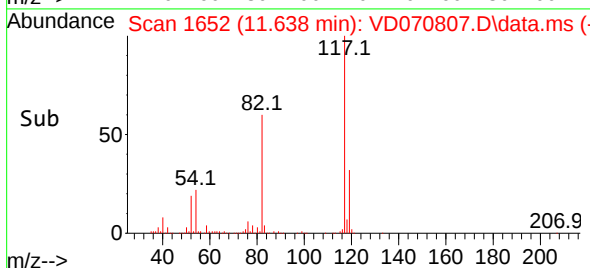
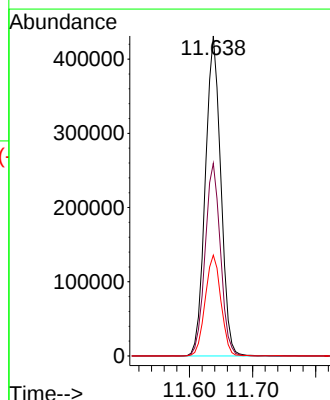
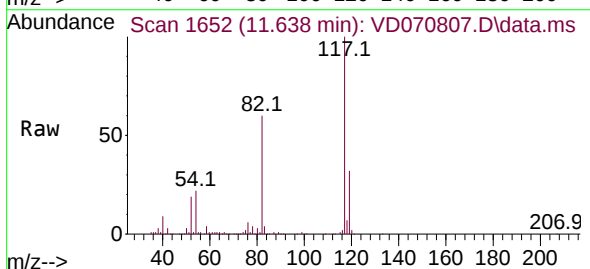
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MSVOA_D
ClientSampleId :

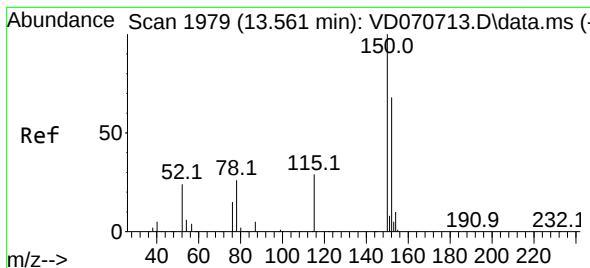
Tgt Ion: 95 Resp: 309682
Ion Ratio Lower Upper
95 100
174 75.0 0.0 138.0
176 70.7 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Tgt Ion: 117 Resp: 732584
Ion Ratio Lower Upper
117 100
82 60.2 45.4 68.2
119 31.5 24.7 37.1

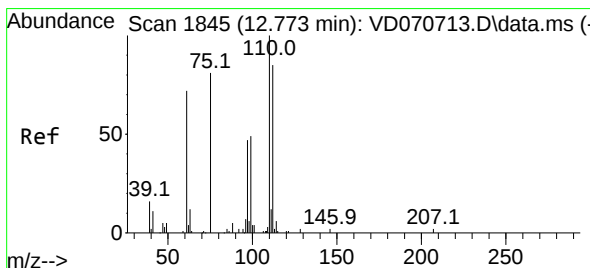
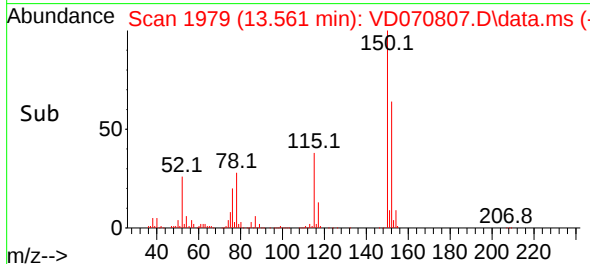
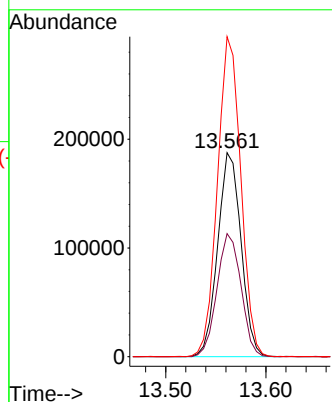
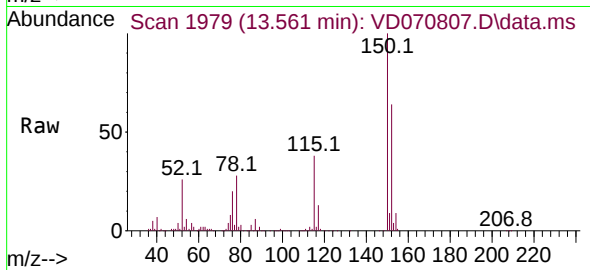




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070807.D
 Acq: 21 Oct 2021 18:15

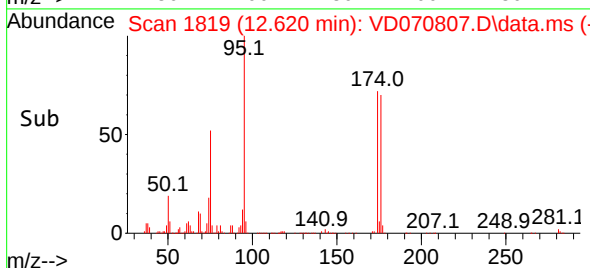
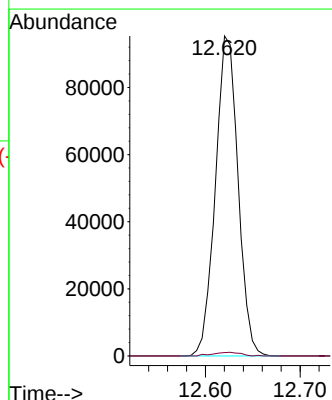
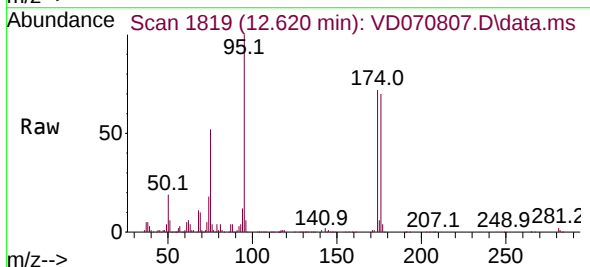
Instrument :
 MSVOA_D
 ClientSampled :

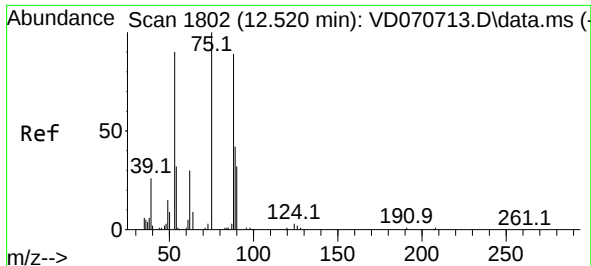
Tgt Ion:152 Resp: 303409
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.9 95.7
 150 157.0 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 60.477 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD070807.D
 Acq: 21 Oct 2021 18:15

Tgt Ion: 75 Resp: 158530
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

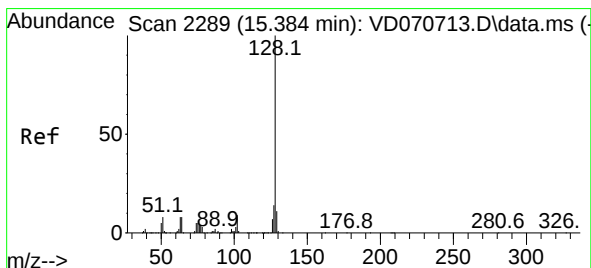
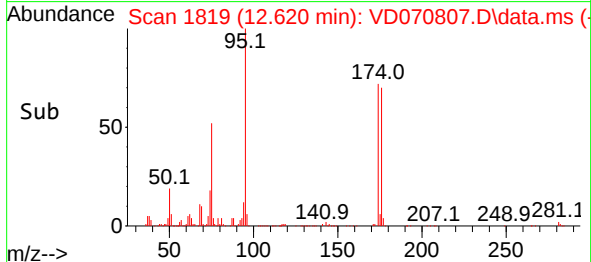
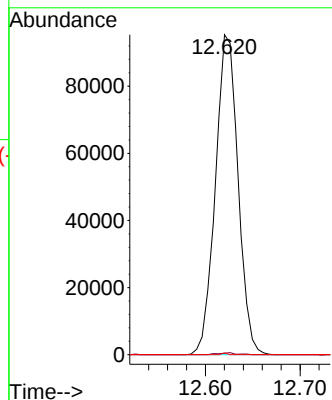
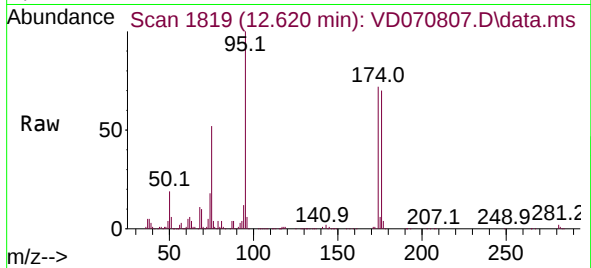




#81
trans-1,4-Dichloro-2-butene
Concen: 132.463 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 158530
Ion Ratio Lower Upper
75 100
53 0.5 64.5 96.7#
89 0.1 35.3 52.9#



#95
Naphthalene
Concen: 4.866 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Tgt Ion:128 Resp: 798
Ion Ratio Lower Upper
128 100
127 7.4 10.9 16.3#
129 0.0 8.6 12.8#

