

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070802.D
 Acq On : 21 Oct 2021 15:47
 Operator : VA/SY
 Sample : M4295-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 22 06:15:39 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)

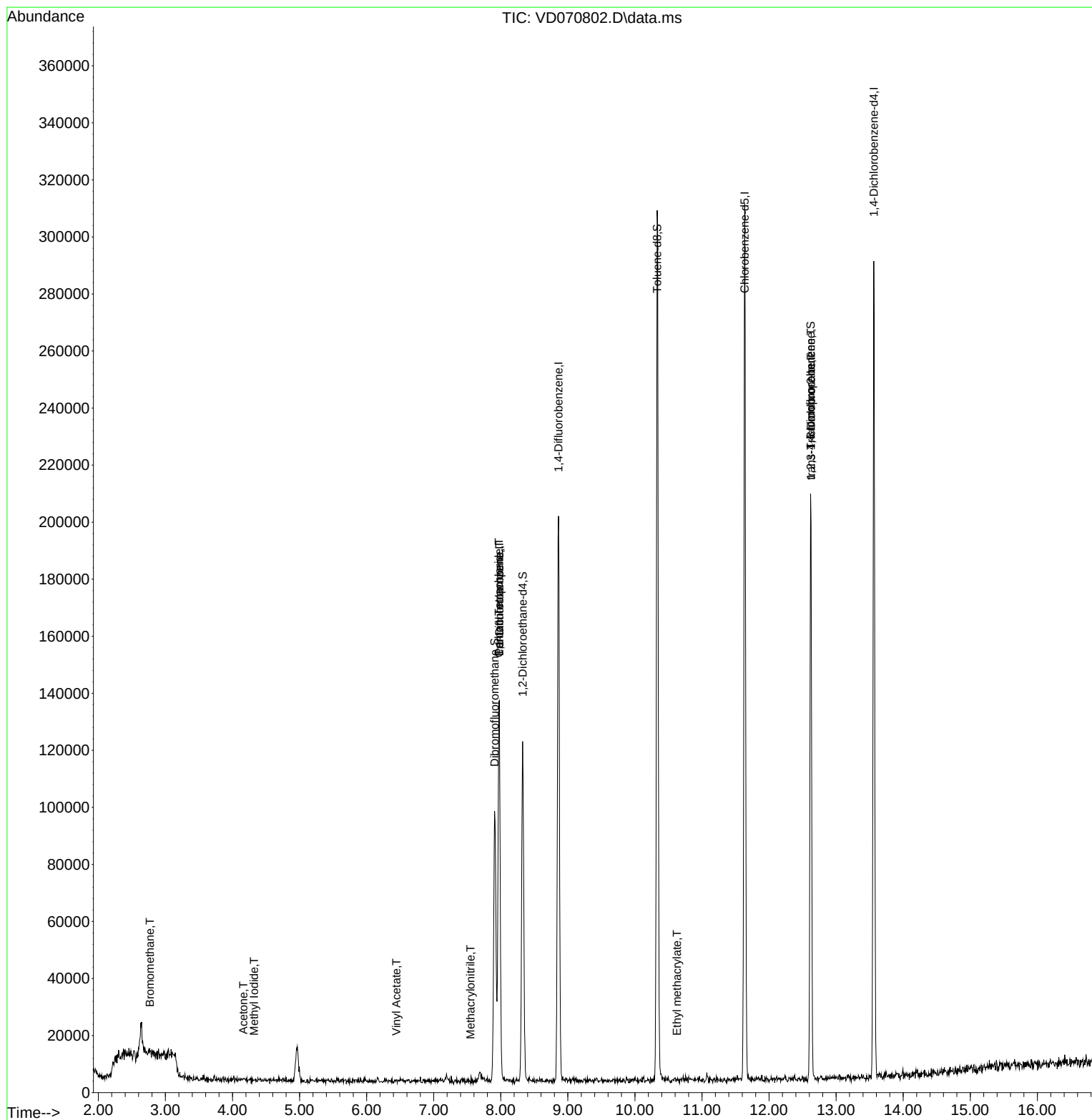
Internal Standards						
1) Pentafluorobenzene	7.979	168	92711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	160982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	169687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	72171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	93870	85.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.960%#	
35) Dibromofluoromethane	7.908	113	69099	67.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.080%	
50) Toluene-d8	10.332	98	209767	53.088	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.620	95	71482	52.539	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.080%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.767	94	1284	1.278	ug/l #	16
10) Methyl Iodide	4.320	142	60	3.368	ug/l #	38
16) Acetone	4.162	43	1305	4.927	ug/l #	40
20) Methylene Chloride	4.967	84	8659	Below Cal	#	91
23) Vinyl Acetate	6.444	43	88	16.371	ug/l #	69
36) 1,1-Dichloropropene	7.979	75	8898	4.962	ug/l #	46
38) Carbon Tetrachloride	7.973	117	10613	6.179	ug/l #	16
41) Methacrylonitrile	7.550	41	127	2.204	ug/l #	16
56) Ethyl methacrylate	10.626	69	84	4.219	ug/l #	32
76) 1,2,3-Trichloropropane	12.626	75	36007	57.747	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	36007	126.484	ug/l #	17

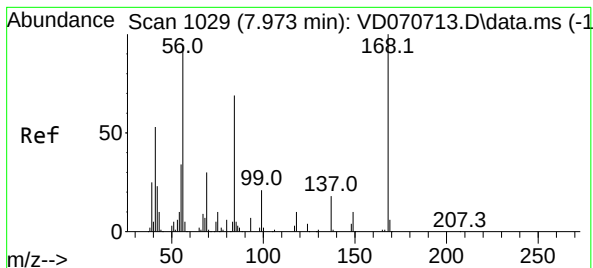
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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Quant Time: Oct 22 06:15:39 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

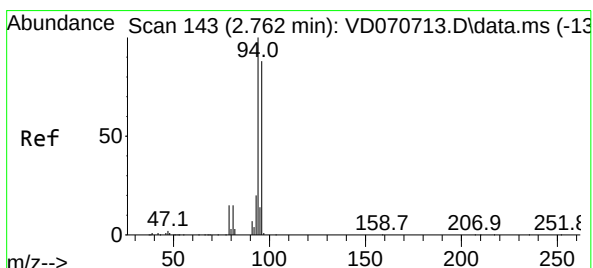
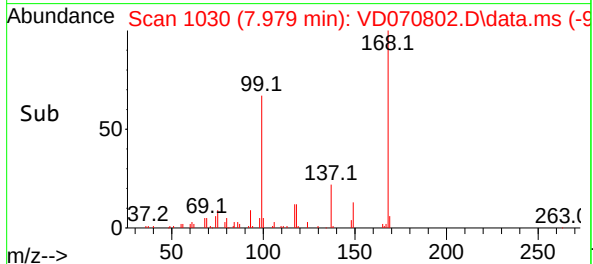
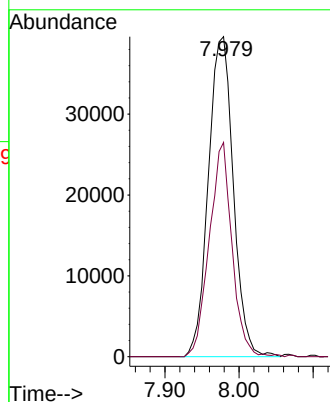
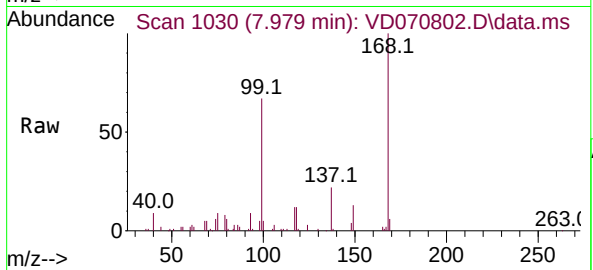




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

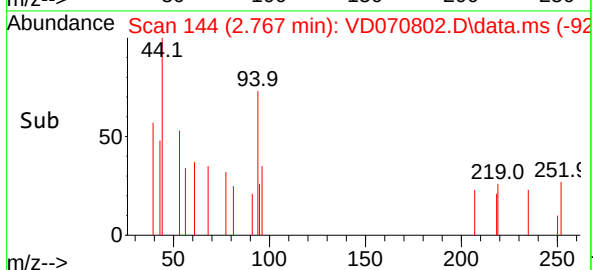
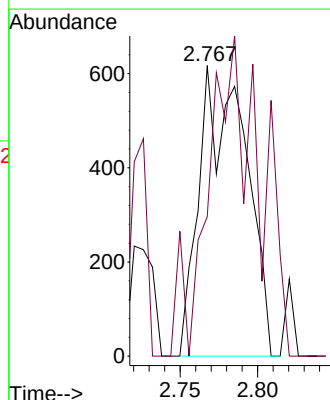
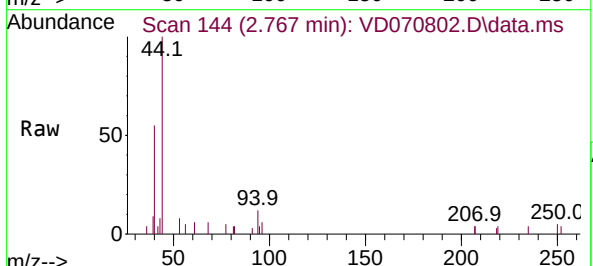
Instrument :
MSVOA_D
ClientSampled :

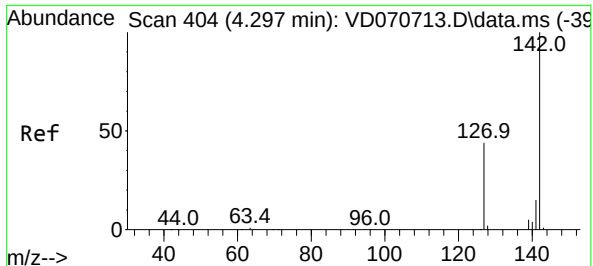
Tgt Ion:168 Resp: 92711
Ion Ratio Lower Upper
168 100
99 67.0 51.4 77.0



#5
Bromomethane
Concen: 1.278 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Tgt Ion: 94 Resp: 1284
Ion Ratio Lower Upper
94 100
96 13.1 75.5 113.3#

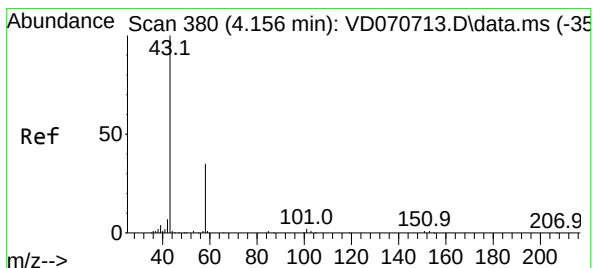
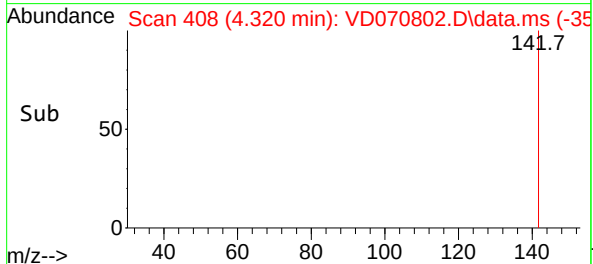
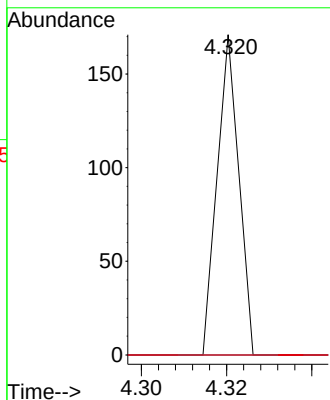
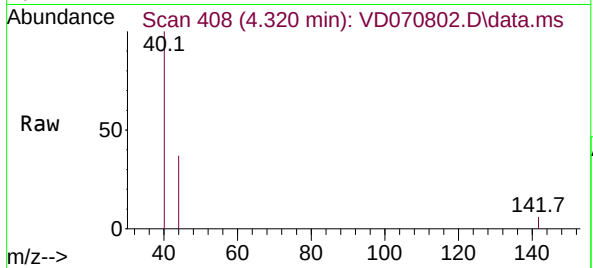




#10
Methyl Iodide
Concen: 3.368 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.023 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

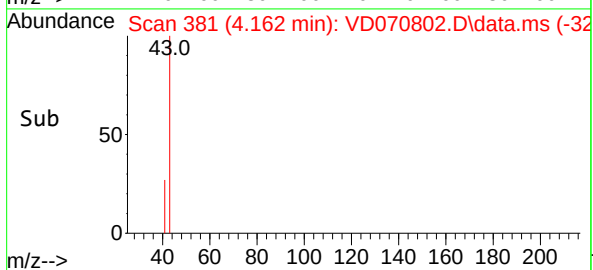
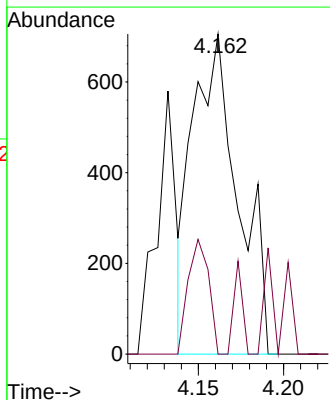
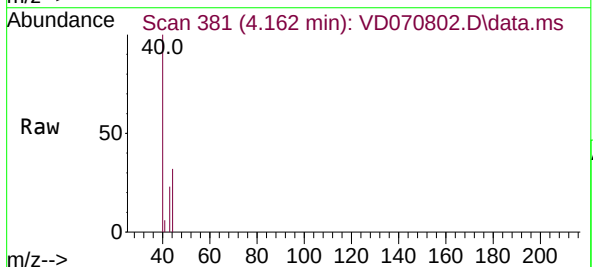
Instrument :
MSVOA_D
ClientSampled :

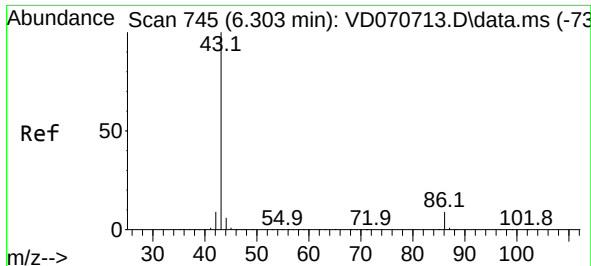
Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 12.1 18.1#



#16
Acetone
Concen: 4.927 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Tgt Ion: 43 Resp: 1305
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#

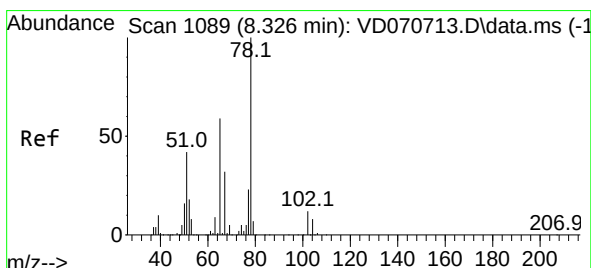
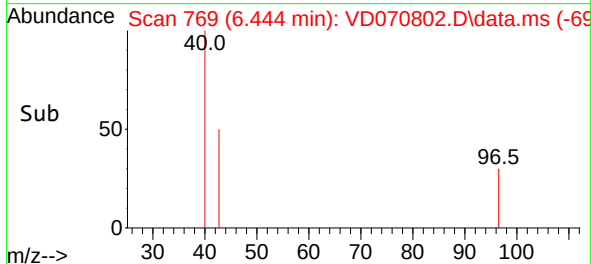
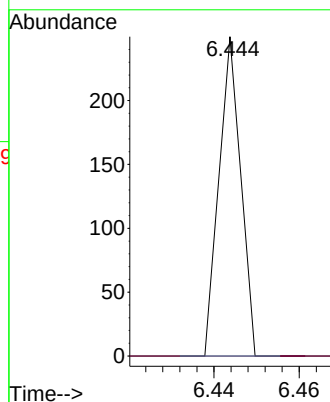
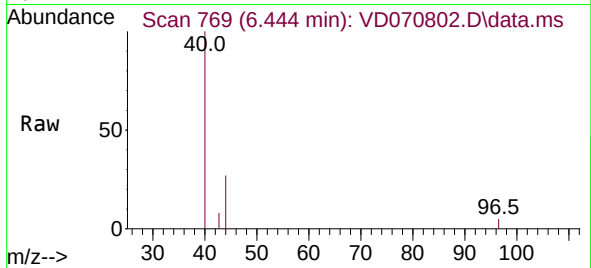




#23
 Vinyl Acetate
 Concen: 16.371 ug/l
 RT: 6.444 min Scan# 769
 Delta R.T. 0.141 min
 Lab File: VD070802.D
 Acq: 21 Oct 2021 15:47

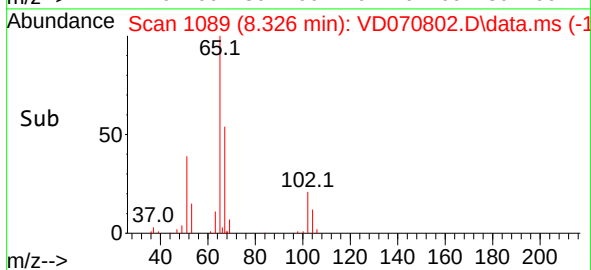
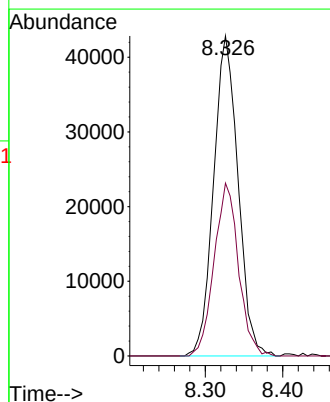
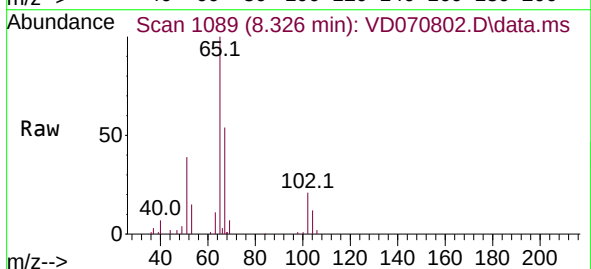
Instrument :
 MSVOA_D
 ClientSampled :

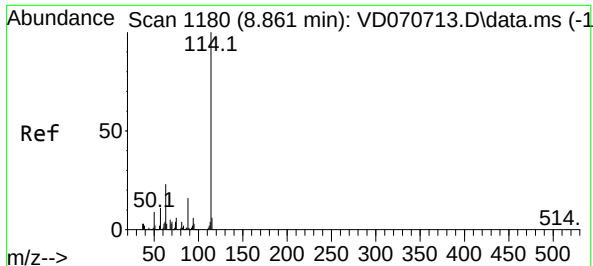
Tgt Ion: 43 Resp: 88
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#33
 1,2-Dichloroethane-d4
 Concen: 85.484 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070802.D
 Acq: 21 Oct 2021 15:47

Tgt Ion: 65 Resp: 93870
 Ion Ratio Lower Upper
 65 100
 67 53.9 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: VD070802.D

Acq: 21 Oct 2021 15:47

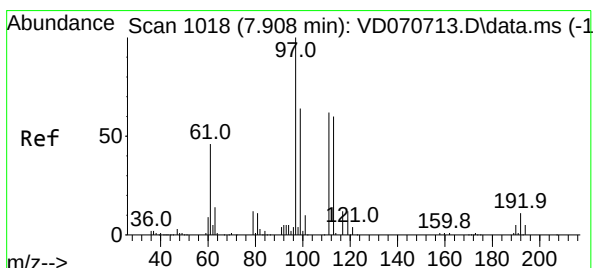
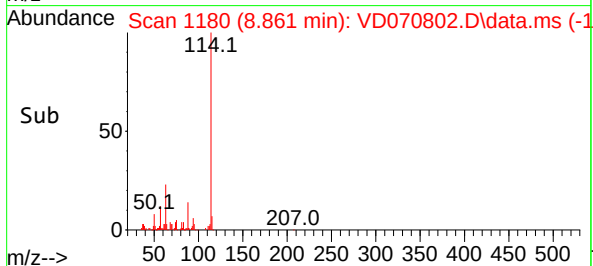
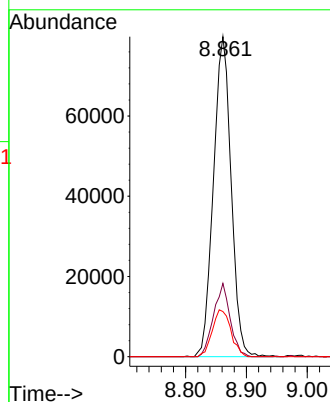
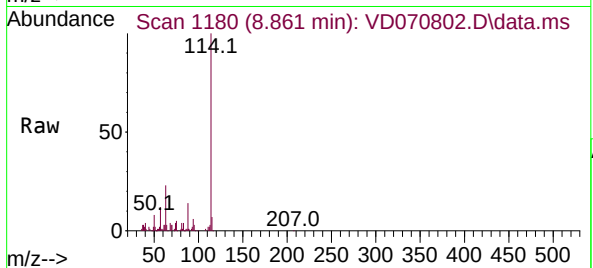
Tgt Ion:114 Resp: 160982

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 14.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 67.036 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD070802.D

Acq: 21 Oct 2021 15:47

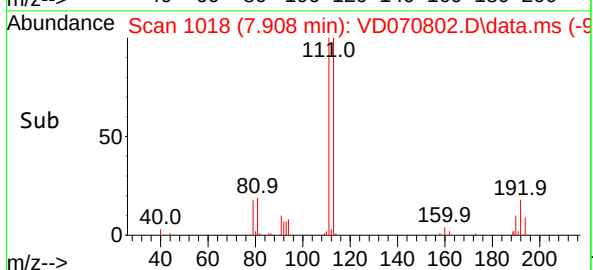
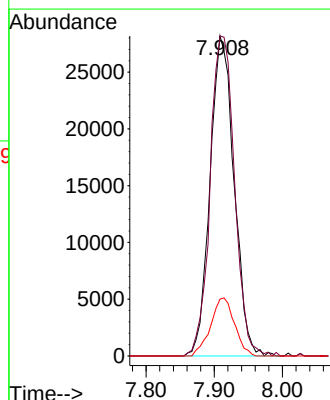
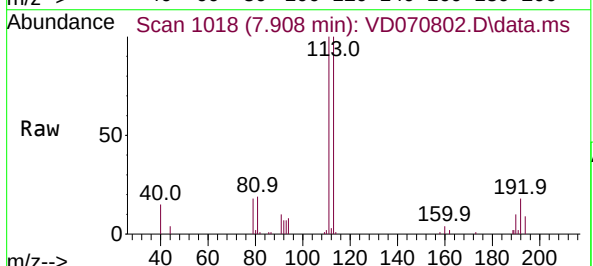
Tgt Ion:113 Resp: 69099

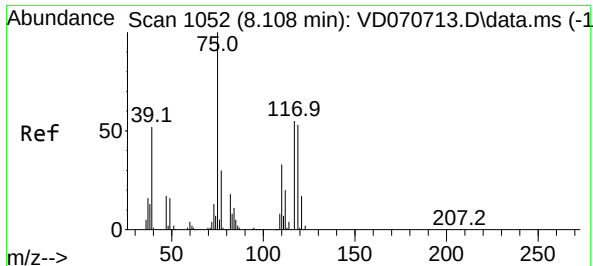
Ion Ratio Lower Upper

113 100

111 101.8 83.1 124.7

192 18.1 12.7 19.1

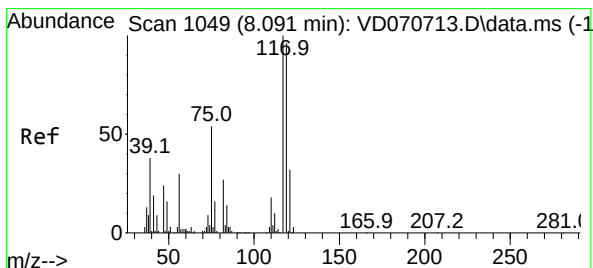
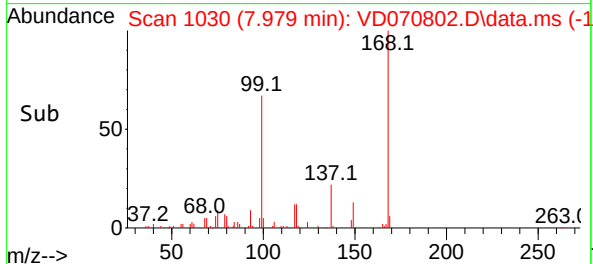
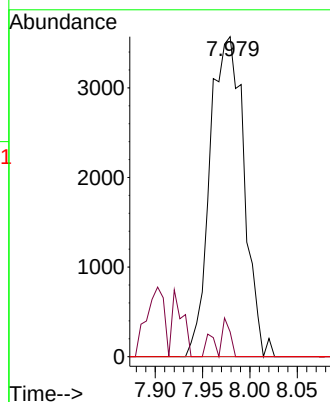
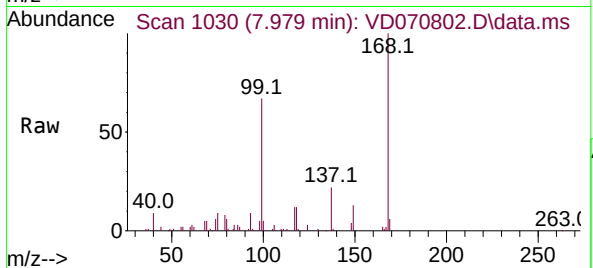




#36
1,1-Dichloropropene
Concen: 4.962 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

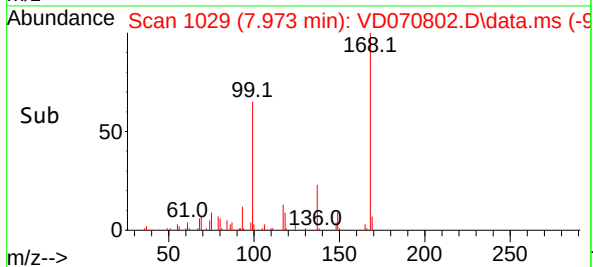
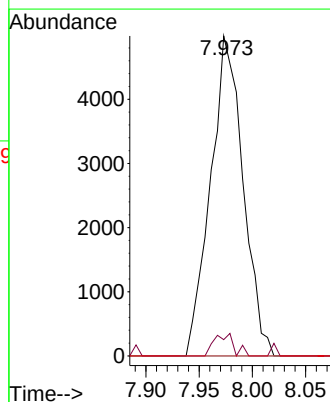
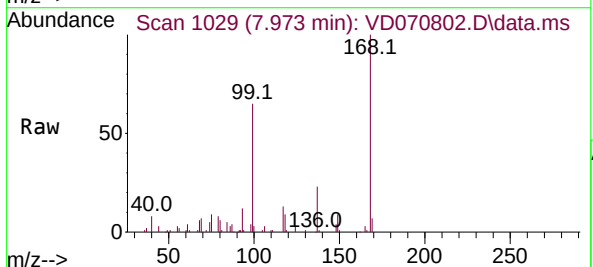
Instrument :
MSVOA_D
ClientSampled :

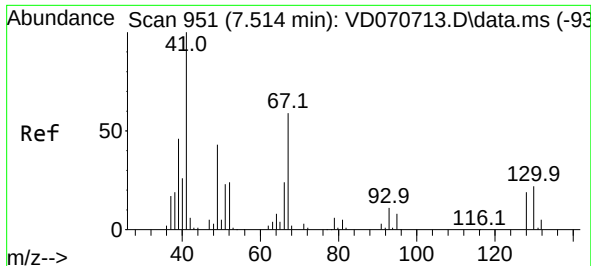
Tgt Ion: 75 Resp: 8898
Ion Ratio Lower Upper
75 100
110 4.7 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.179 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Tgt Ion: 117 Resp: 10613
Ion Ratio Lower Upper
117 100
119 5.1 77.4 116.0#
121 0.0 25.4 38.0#

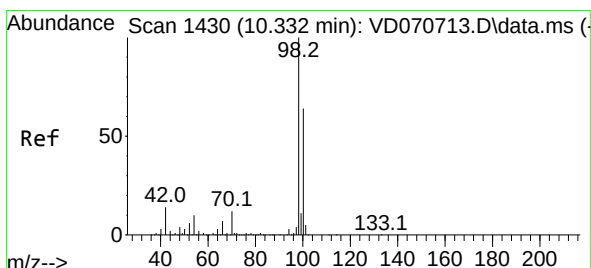
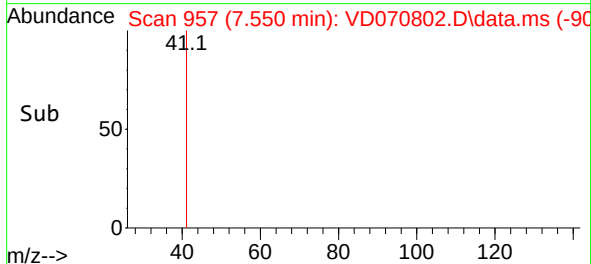
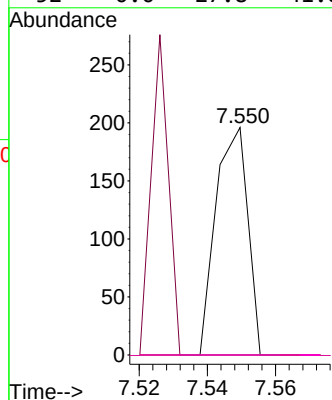
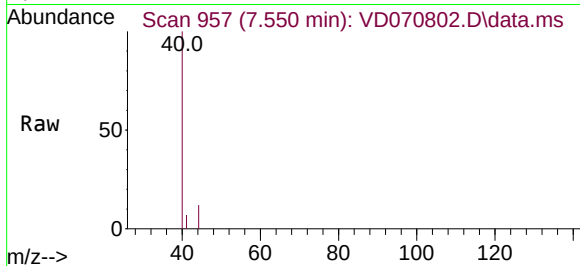




#41
Methacrylonitrile
Concen: 2.204 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.036 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

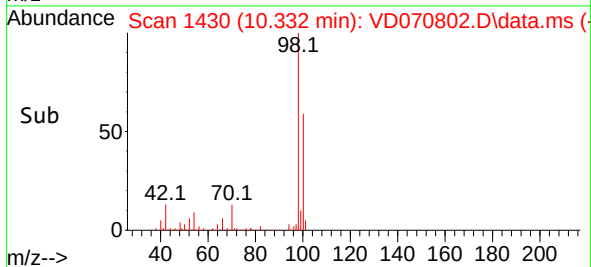
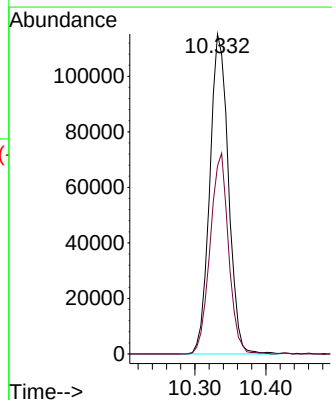
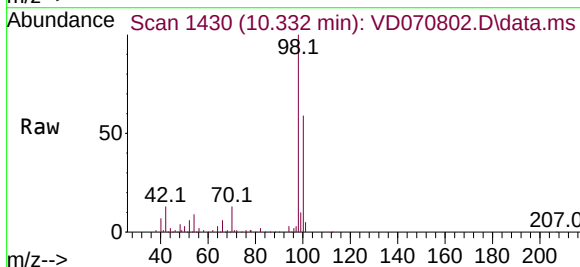
Instrument :
MSVOA_D
ClientSampled :

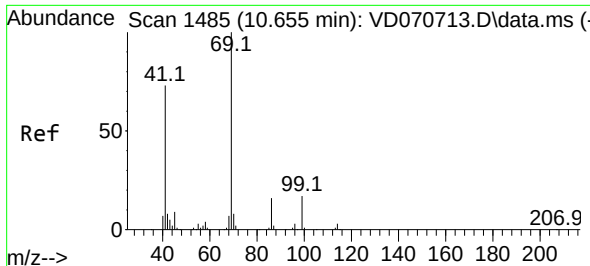
Tgt Ion:	41	Resp:	127
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	75.8	113.6#
52	0.0	27.8	41.8#



#50
Toluene-d8
Concen: 53.088 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Tgt Ion:	98	Resp:	209767
Ion	Ratio	Lower	Upper
98	100		
100	62.0	52.2	78.4

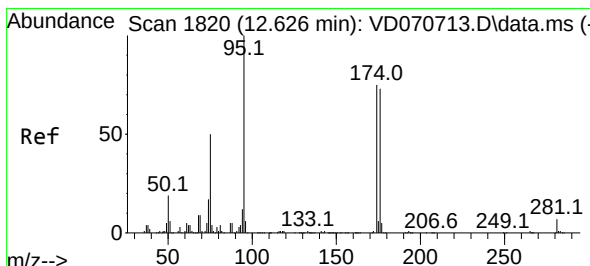
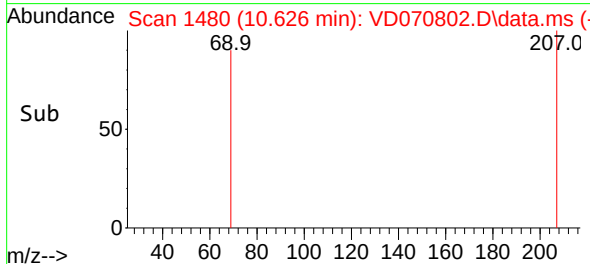
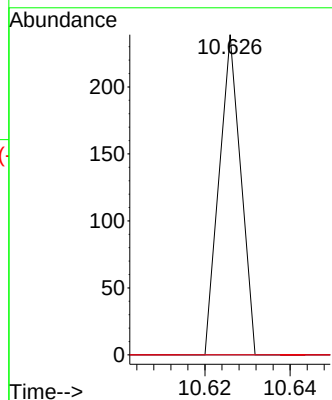
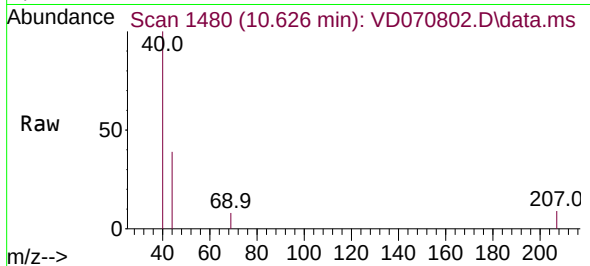




#56
Ethyl methacrylate
Concen: 4.219 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. -0.029 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

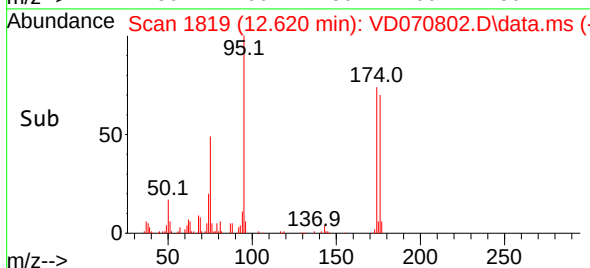
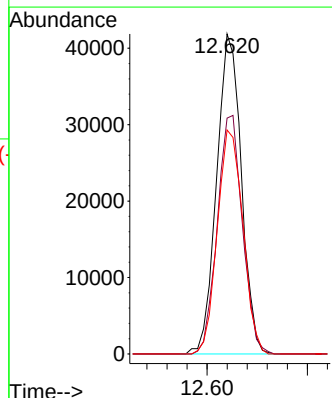
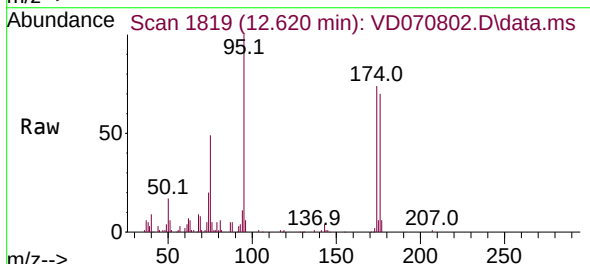
Instrument :
MSVOA_D
ClientSampled :

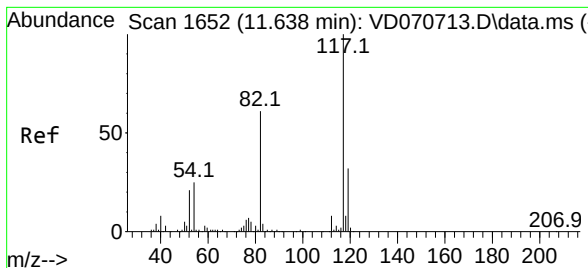
Tgt Ion: 69 Resp: 84
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 0.0 19.5 29.3#



#62
4-Bromofluorobenzene
Concen: 52.539 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Tgt Ion: 95 Resp: 71482
Ion Ratio Lower Upper
95 100
174 75.5 0.0 138.0
176 72.4 0.0 135.6

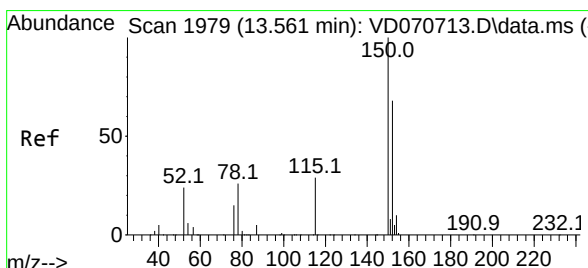
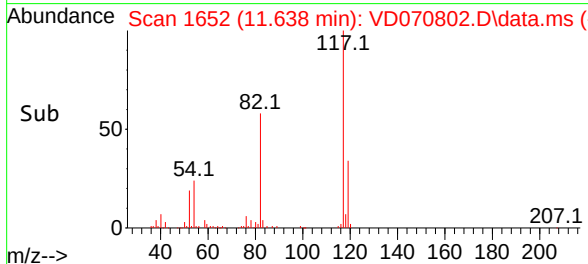
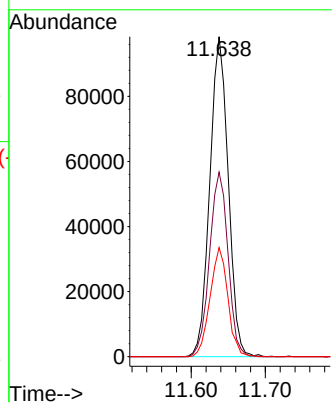
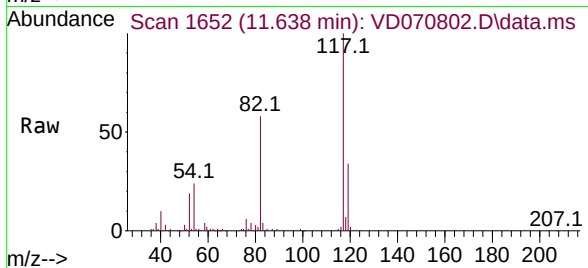




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

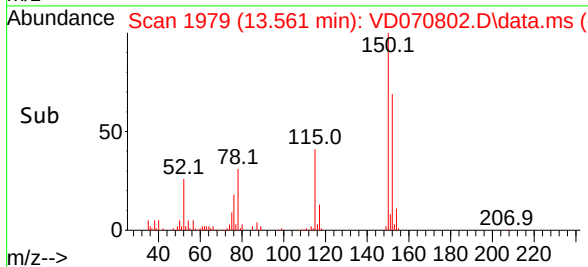
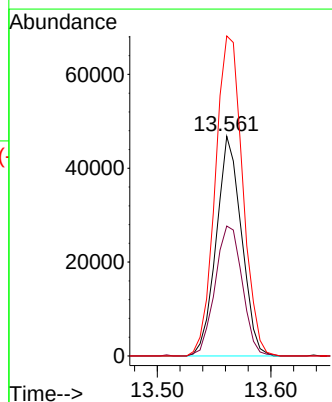
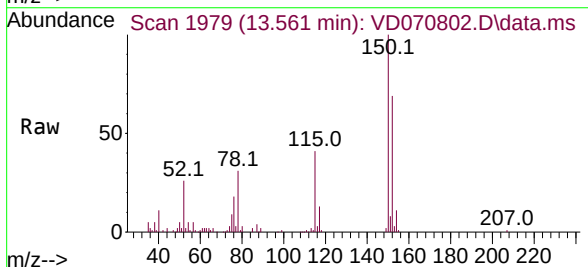
Instrument :
MSVOA_D
ClientSampled :

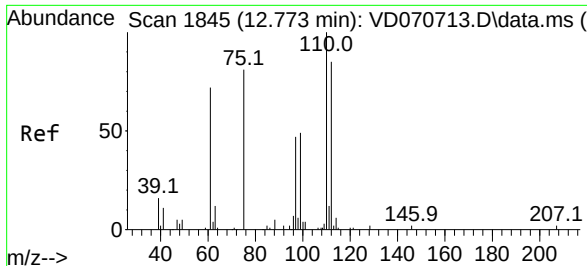
Tgt Ion:117 Resp: 169687
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.2
119 34.1 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Tgt Ion:152 Resp: 72171
Ion Ratio Lower Upper
152 100
115 63.8 31.9 95.7
150 158.3 0.0 350.0

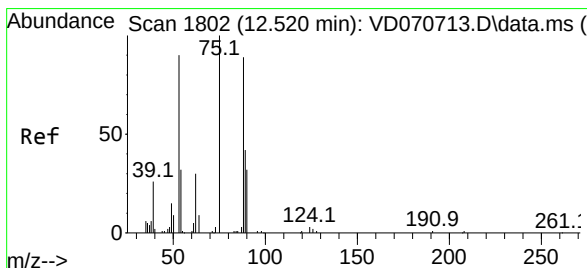
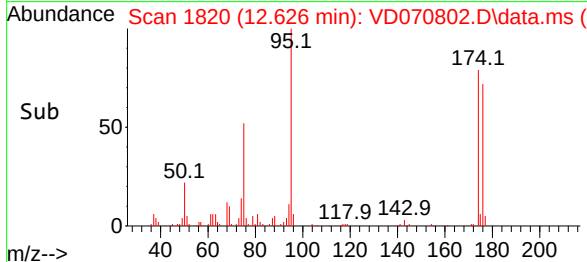
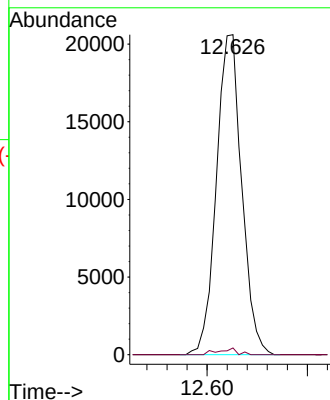
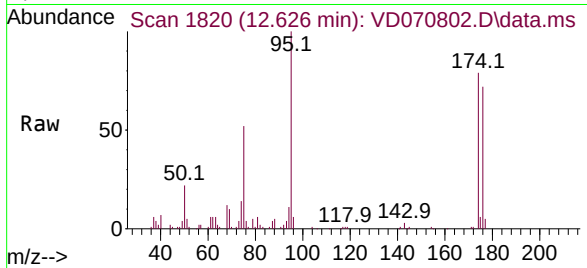




#76
1,2,3-Trichloropropane
Concen: 57.747 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 36007
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.484 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Tgt Ion: 75 Resp: 36007
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#

