

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070916.D
 Acq On : 03 Nov 2021 17:58
 Operator : VA/SY
 Sample : M4475-06
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 03 22:15:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

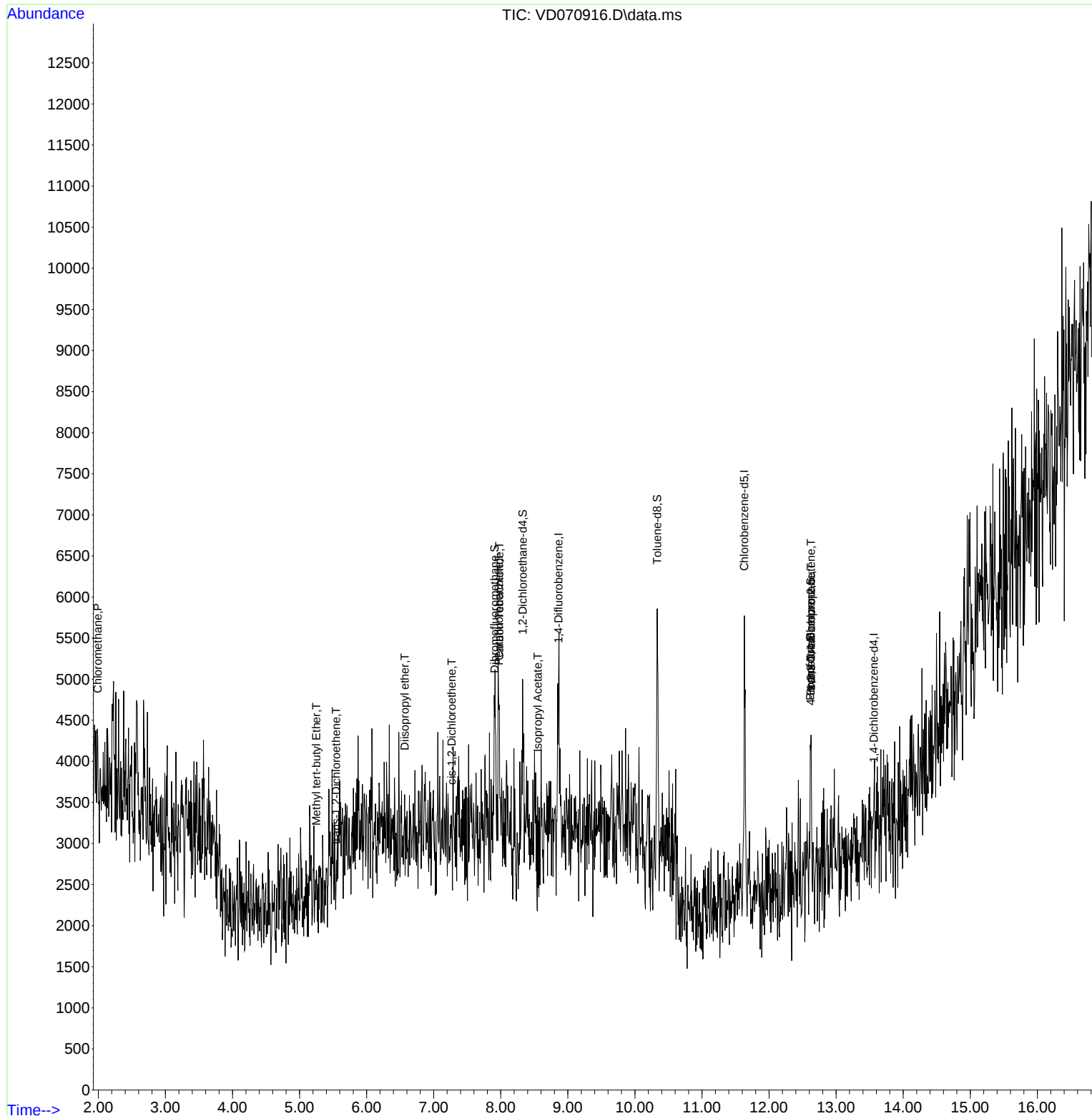
Internal Standards						
1) Pentafluorobenzene	7.973	168	1406	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	2397	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.632	117	1996	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	1066	75.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.760%	
35) Dibromofluoromethane	7.908	113	843	53.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.680%	
50) Toluene-d8	10.332	98	3073	51.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.360%	
62) 4-Bromofluorobenzene	12.620	95	454	23.142	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 46.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.991	50	65	3.522	ug/l	# 42
19) Methyl tert-butyl Ether	5.250	73	53	1.796	ug/l	# 52
20) Methylene Chloride	4.956	84	101	Below Cal	#	7
21) trans-1,2-Dichloroethene	5.544	96	86	5.116	ug/l	# 1
22) Diisopropyl ether	6.567	45	63	1.367	ug/l	# 40
27) cis-1,2-Dichloroethene	7.267	96	68	3.774	ug/l	# 1
38) Carbon Tetrachloride	7.979	117	62	2.458	ug/l	# 12
43) Isopropyl Acetate	8.549	43	82	4.731	ug/l	# 47
71) Bromoform	12.614	173	58	7.225	ug/l	# 29
76) 1,2,3-Trichloropropane	12.626	75	74	22.439	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	74	58.895	ug/l	# 18

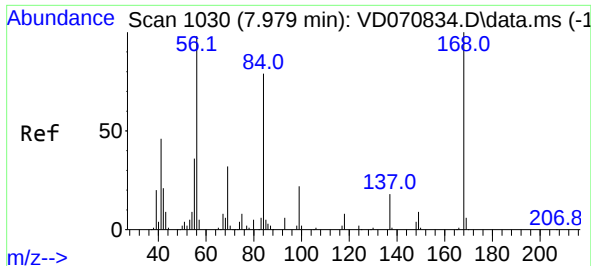
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
Data File : VD070916.D
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Sample : M4475-06
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

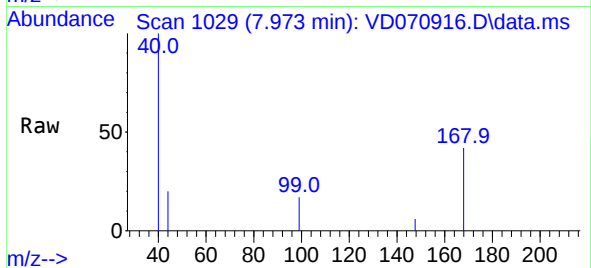
Quant Time: Nov 03 22:15:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 2021
Response via : Initial Calibration



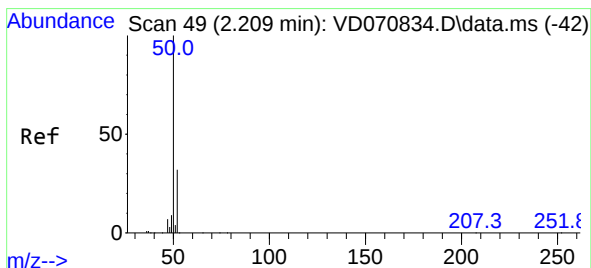
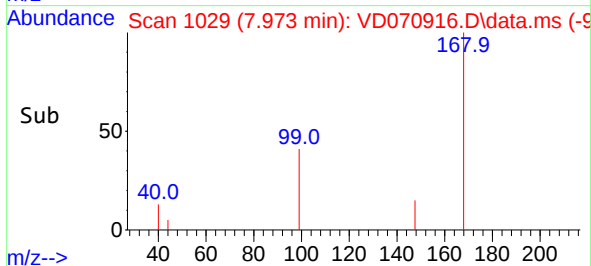
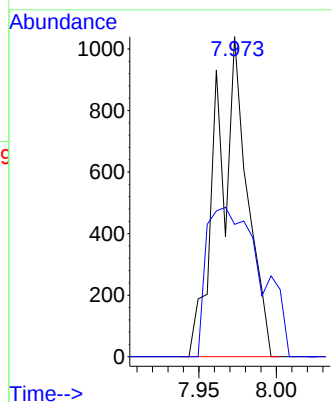


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :

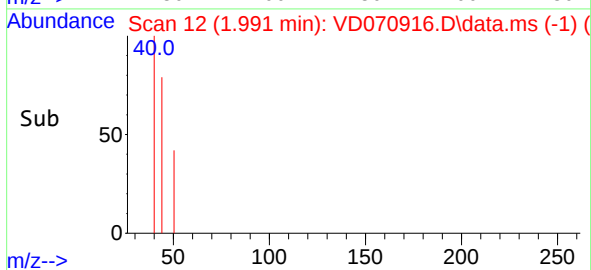
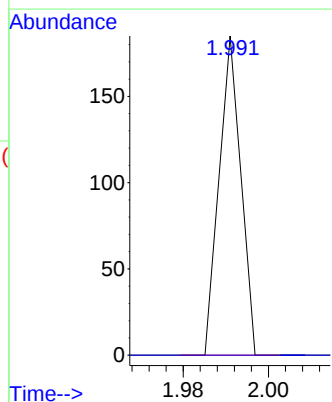
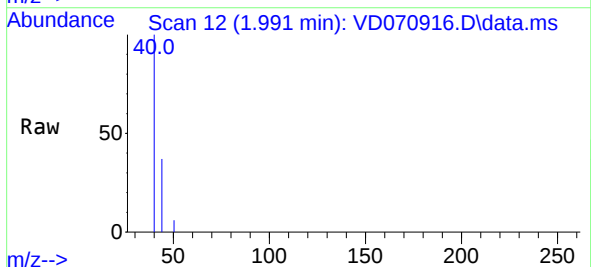


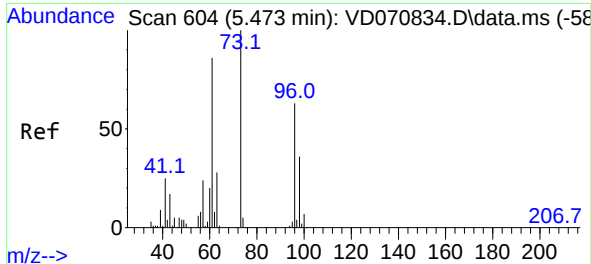
Tgt Ion:168 Resp: 1406
Ion Ratio Lower Upper
168 100
99 41.3 46.6 69.8#



#3
Chloromethane
Concen: 3.522 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.218 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

Tgt Ion: 50 Resp: 65
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#





#19

Methyl tert-butyl Ether

Concen: 1.796 ug/l

RT: 5.250 min Scan# 50

Delta R.T. -0.224 min

Lab File: VD070916.D

Acq: 03 Nov 2021 17:58

Instrument :

MSVOA_D

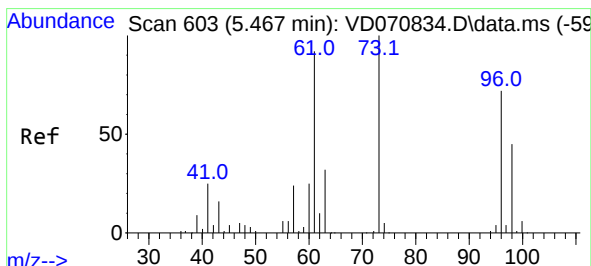
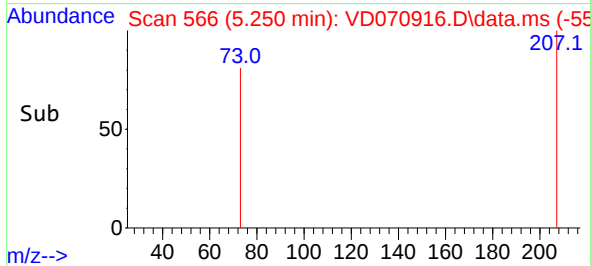
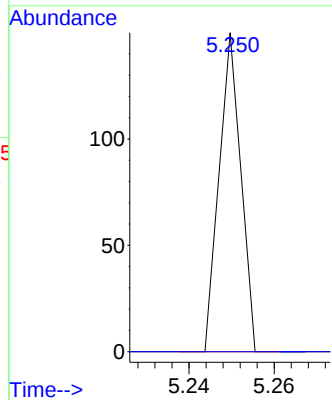
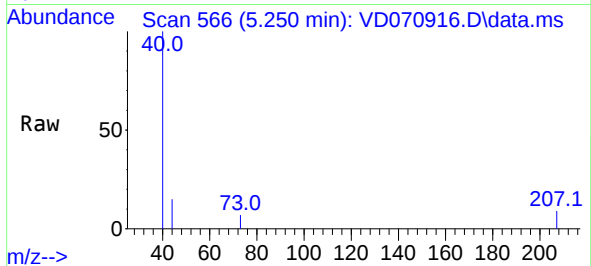
ClientSampleId :

Tgt Ion: 73 Resp: 53

Ion Ratio Lower Upper

73 100

57 0.0 18.9 28.3#



#21

trans-1,2-Dichloroethene

Concen: 5.116 ug/l

RT: 5.544 min Scan# 616

Delta R.T. 0.076 min

Lab File: VD070916.D

Acq: 03 Nov 2021 17:58

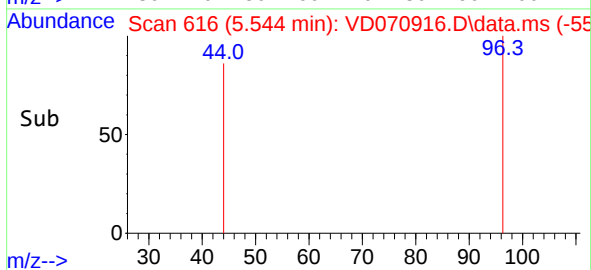
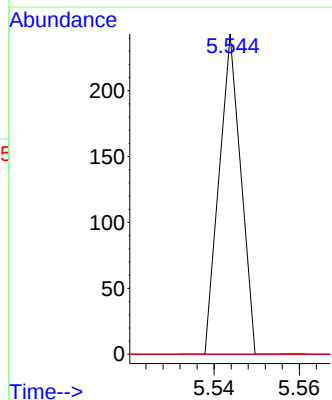
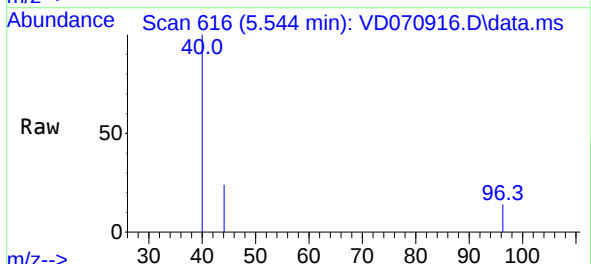
Tgt Ion: 96 Resp: 86

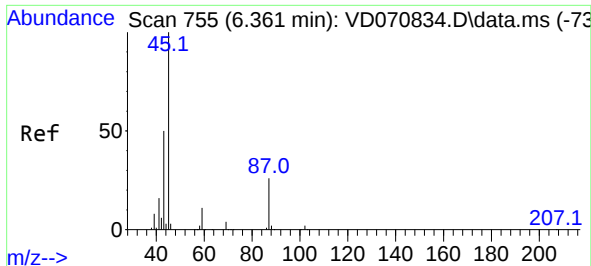
Ion Ratio Lower Upper

96 100

61 0.0 102.1 153.1#

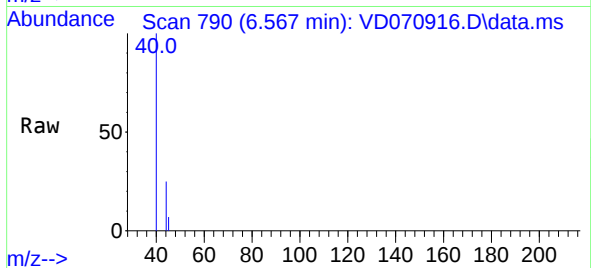
98 0.0 50.1 75.1#



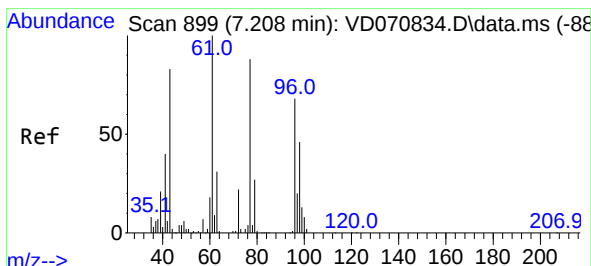
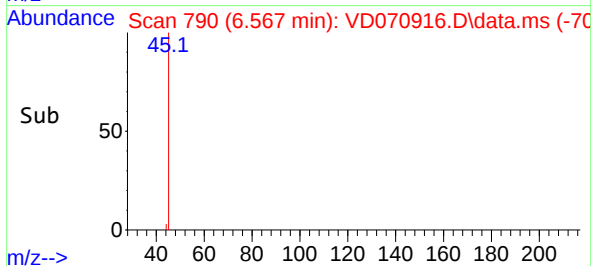
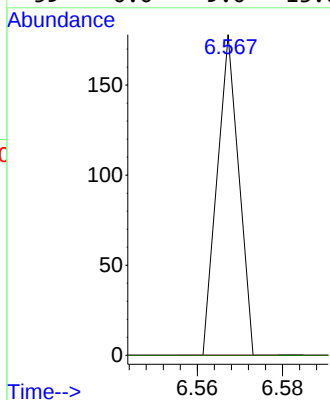


#22
Diisopropyl ether
Concen: 1.367 ug/l
RT: 6.567 min Scan# 79
Delta R.T. 0.206 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :

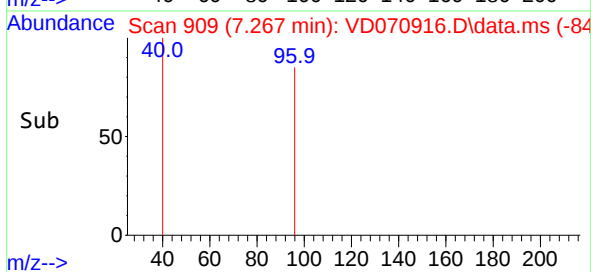
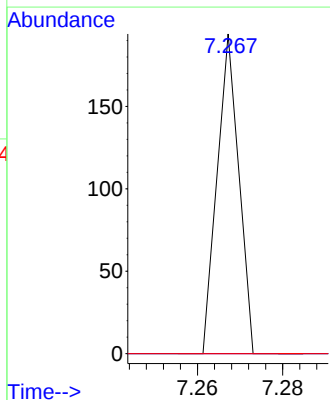
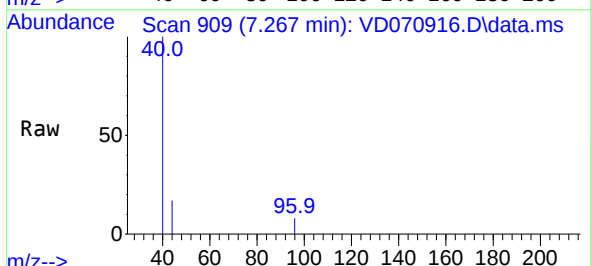


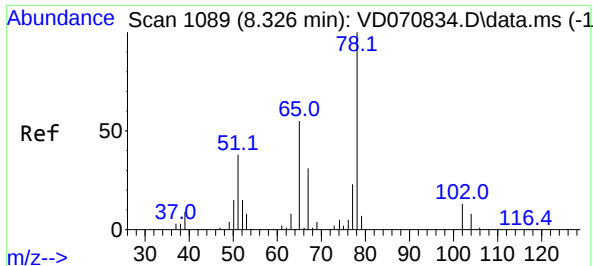
Tgt Ion: 45	Resp: 63
Ion Ratio	Lower Upper
45 100	
43 0.0	39.6 59.4#
87 0.0	21.2 31.8#
59 0.0	9.0 13.6#



#27
cis-1,2-Dichloroethene
Concen: 3.774 ug/l
RT: 7.267 min Scan# 909
Delta R.T. 0.059 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

Tgt Ion: 96	Resp: 68
Ion Ratio	Lower Upper
96 100	
61 0.0	0.0 288.6
98 0.0	0.0 129.2

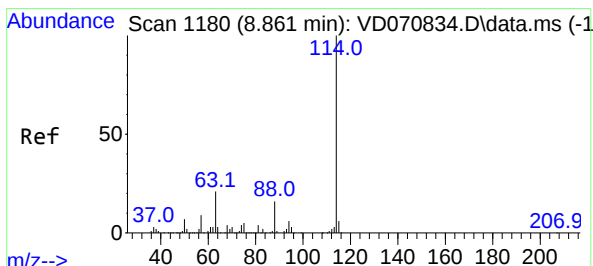
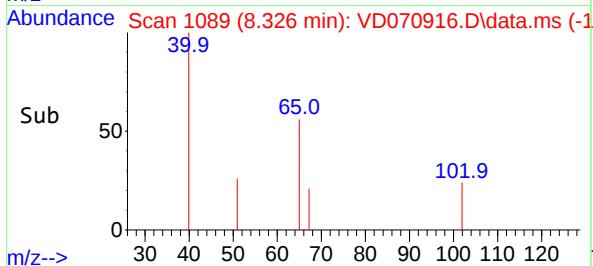
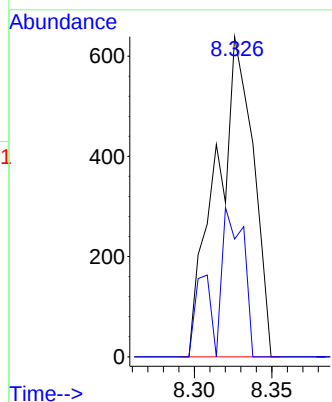
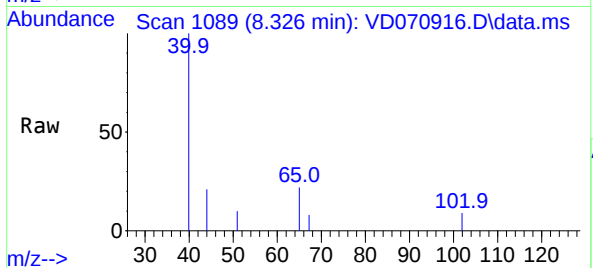




#33
1,2-Dichloroethane-d4
Concen: 75.384 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

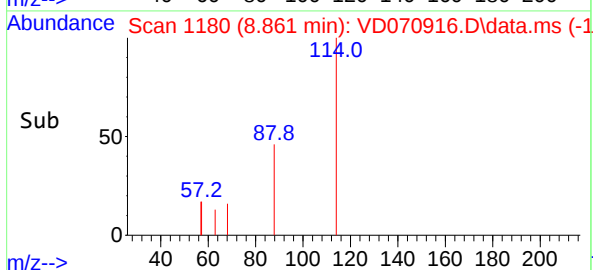
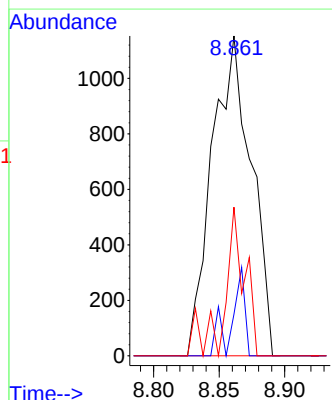
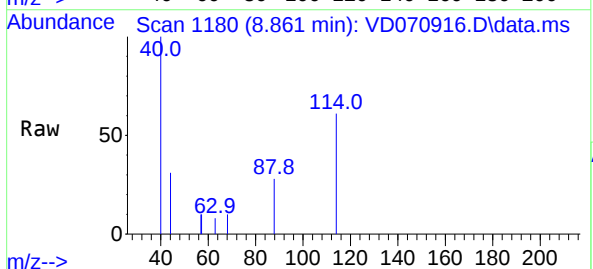
Instrument :
MSVOA_D
ClientSampleId :

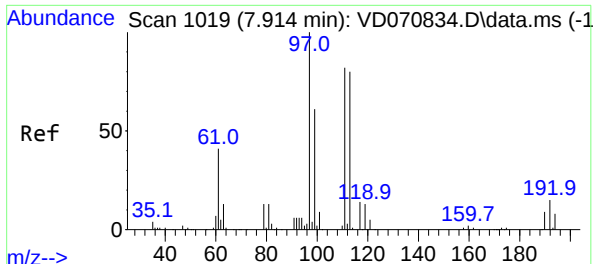
Tgt Ion: 65 Resp: 1066
Ion Ratio Lower Upper
65 100
67 36.8 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

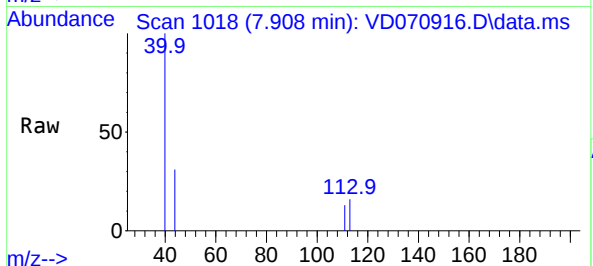
Tgt Ion: 114 Resp: 2397
Ion Ratio Lower Upper
114 100
63 13.0 0.0 41.8
88 46.5 0.0 32.8



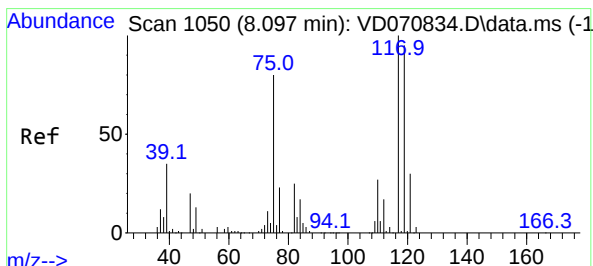
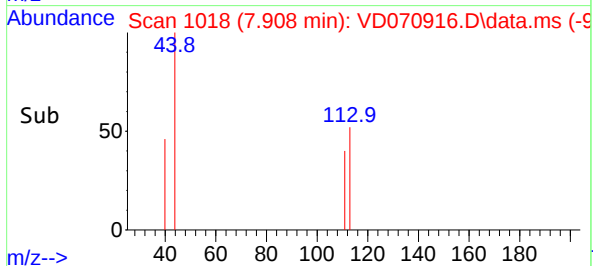
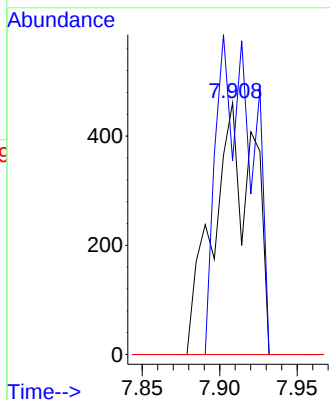


#35
Dibromofluoromethane
Concen: 53.339 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :

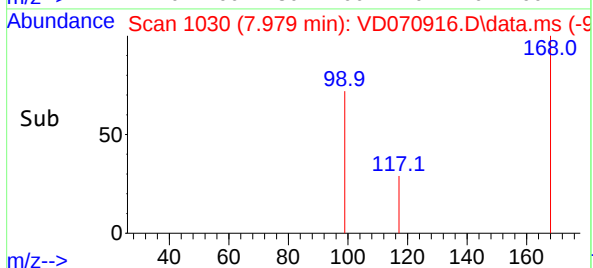
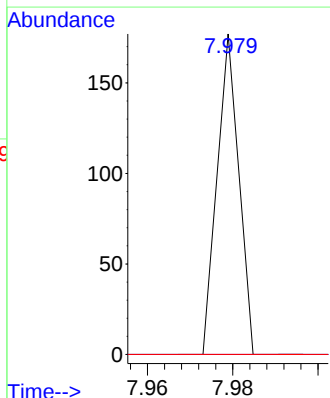
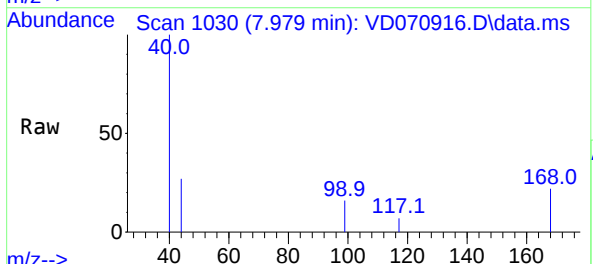


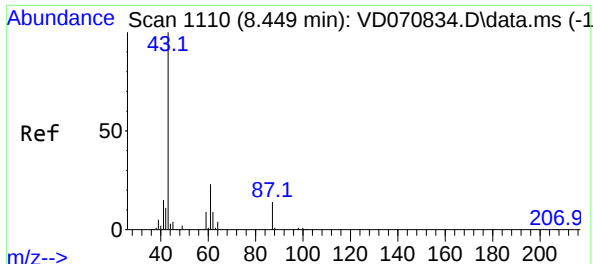
Tgt Ion:113 Resp: 843
Ion Ratio Lower Upper
113 100
111 111.5 82.0 123.0
192 0.0 15.2 22.8#



#38
Carbon Tetrachloride
Concen: 2.458 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

Tgt Ion:117 Resp: 62
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 23.6 35.4#

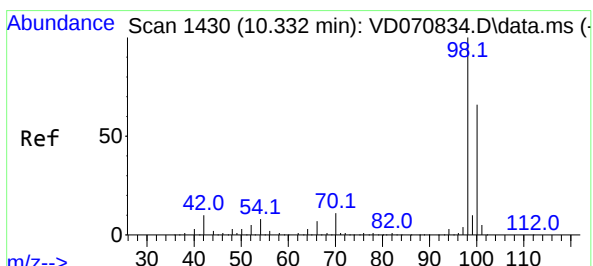
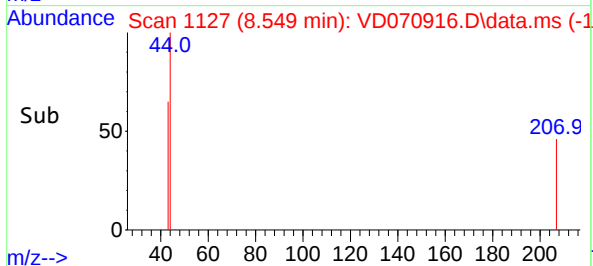
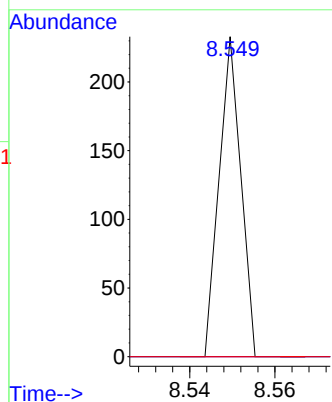
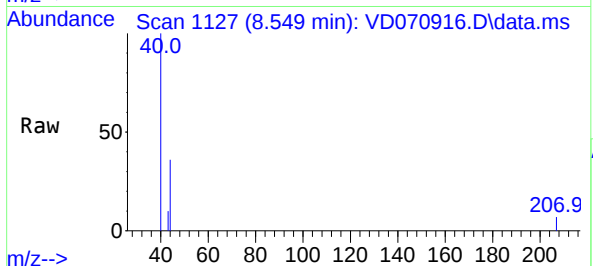




#43
Isopropyl Acetate
Concen: 4.731 ug/l
RT: 8.549 min Scan# 1110
Delta R.T. 0.100 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

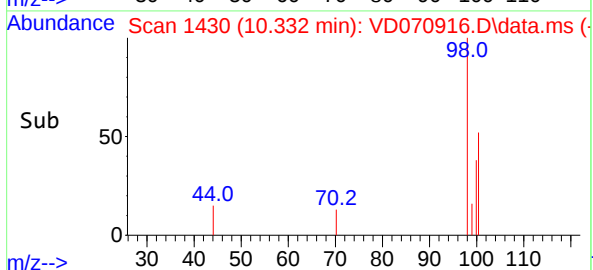
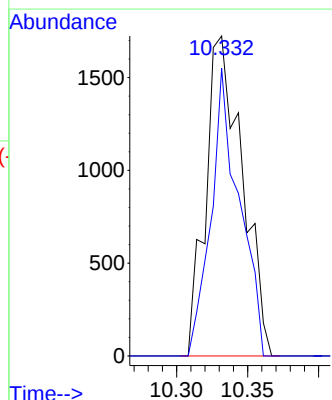
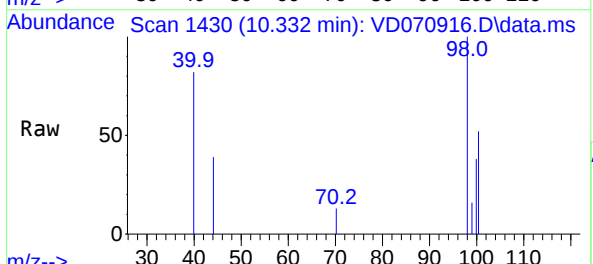
Instrument :
MSVOA_D
ClientSampleId :

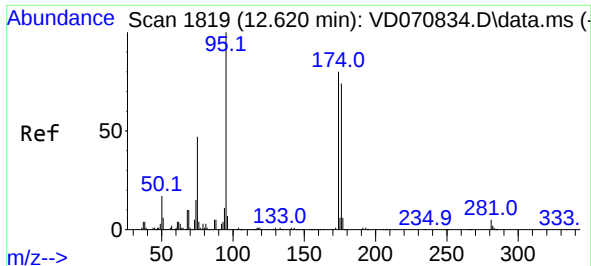
Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 51.682 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

Tgt Ion: 98 Resp: 3073
Ion Ratio Lower Upper
98 100
100 69.6 51.8 77.6

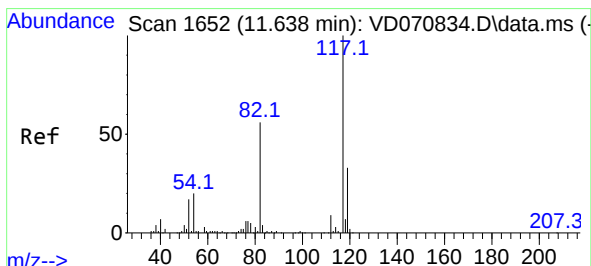
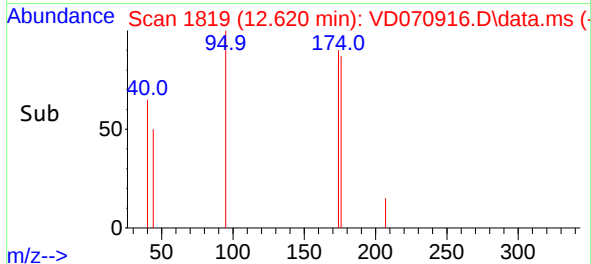
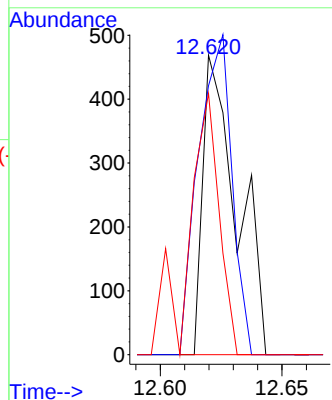
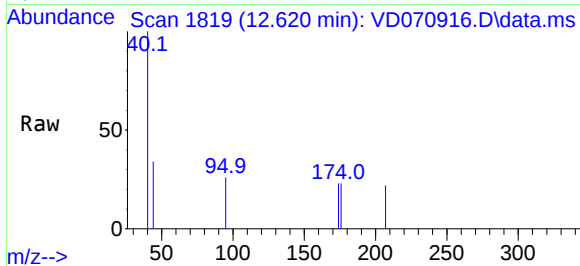




#62
4-Bromofluorobenzene
Concen: 23.142 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

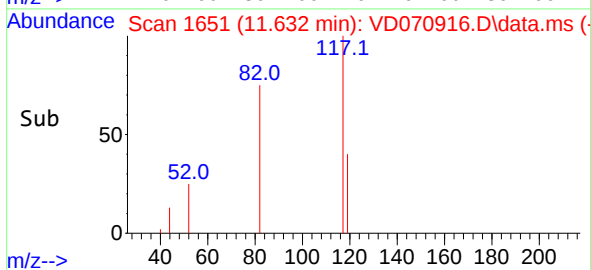
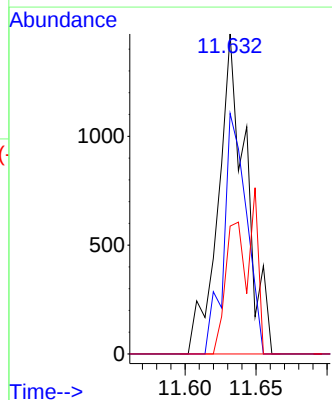
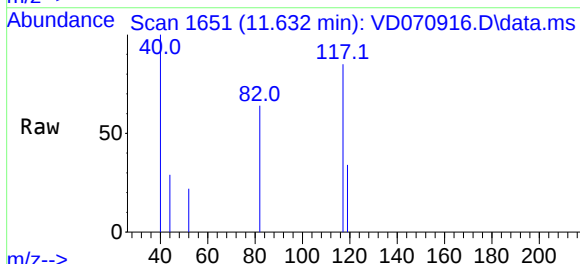
Instrument :
MSVOA_D
ClientSampleId :

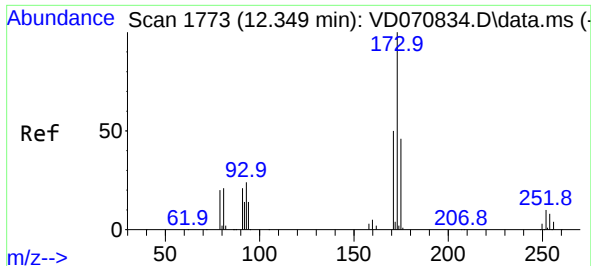
Tgt Ion:	95	Resp:	454
Ion	Ratio	Lower	Upper
95	100		
174	105.1	0.0	159.4
176	78.6	0.0	154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

Tgt Ion:	117	Resp:	1996
Ion	Ratio	Lower	Upper
117	100		
82	75.2	44.7	67.1#
119	39.9	26.2	39.4#

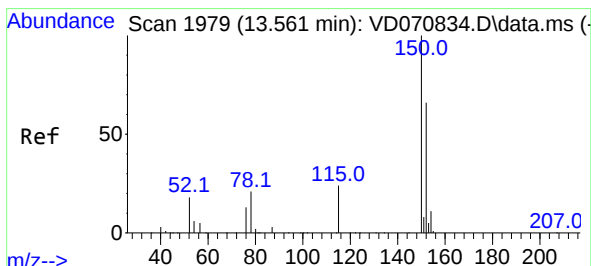
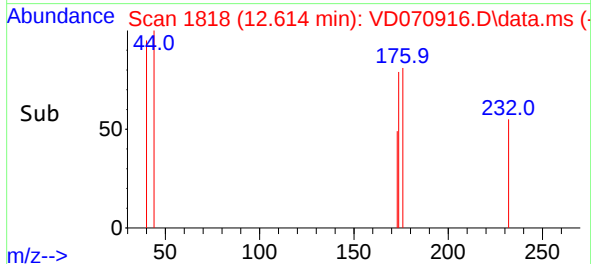
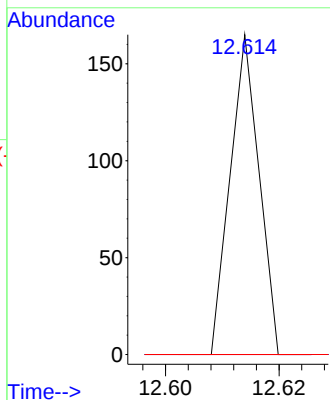
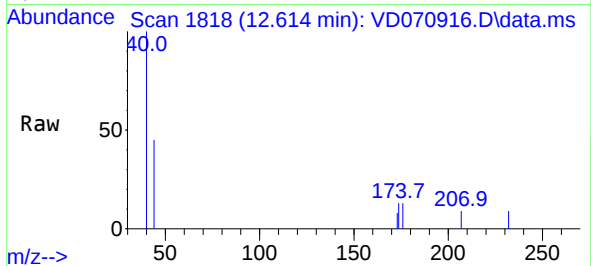




#71
Bromoform
Concen: 7.225 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.265 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

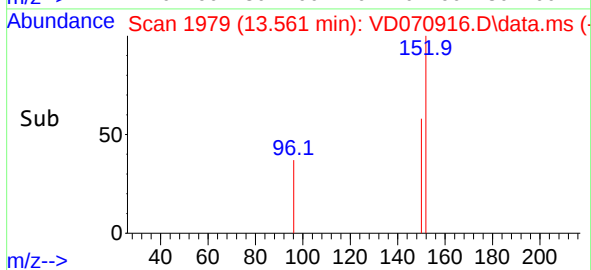
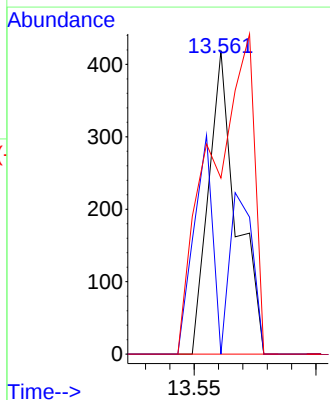
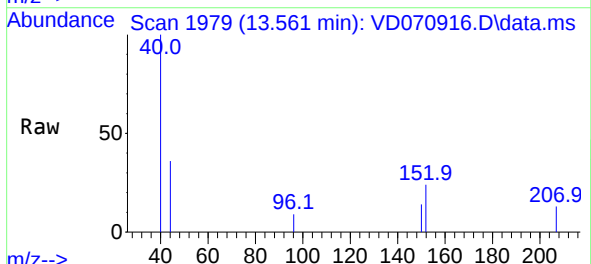
Instrument :
MSVOA_D
ClientSampleId :

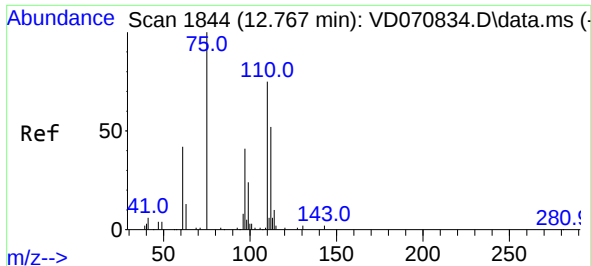
Tgt Ion:173 Resp: 58
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

Tgt Ion:152 Resp: 335
Ion Ratio Lower Upper
152 100
115 48.4 29.8 89.3
150 161.2 0.0 349.2

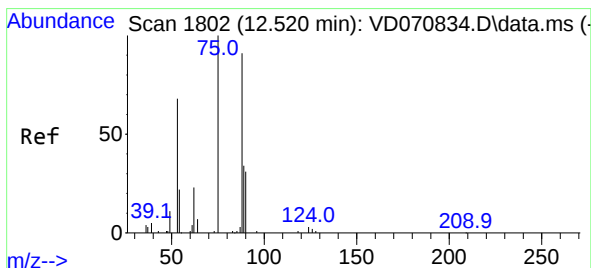
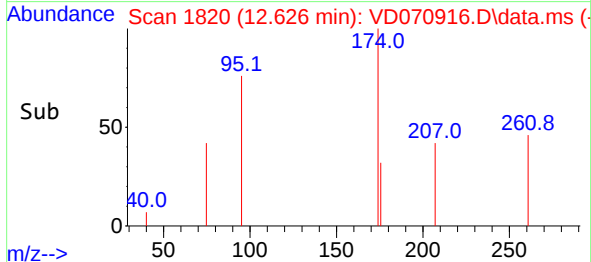
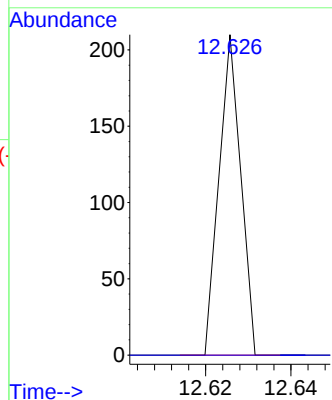
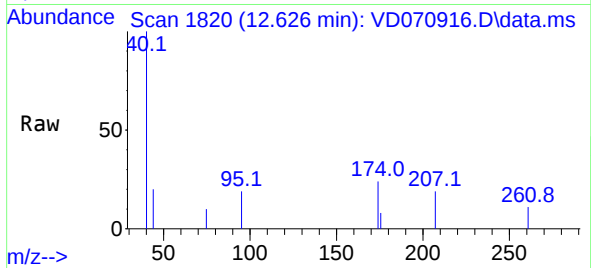




#76
1,2,3-Trichloropropane
Concen: 22.439 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.141 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 74
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.895 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070916.D
Acq: 03 Nov 2021 17:58

Tgt Ion: 75 Resp: 74
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#

