

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070914.D
 Acq On : 03 Nov 2021 17:00
 Operator : VA/SY
 Sample : M4475-04
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 03 22:11:52 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)

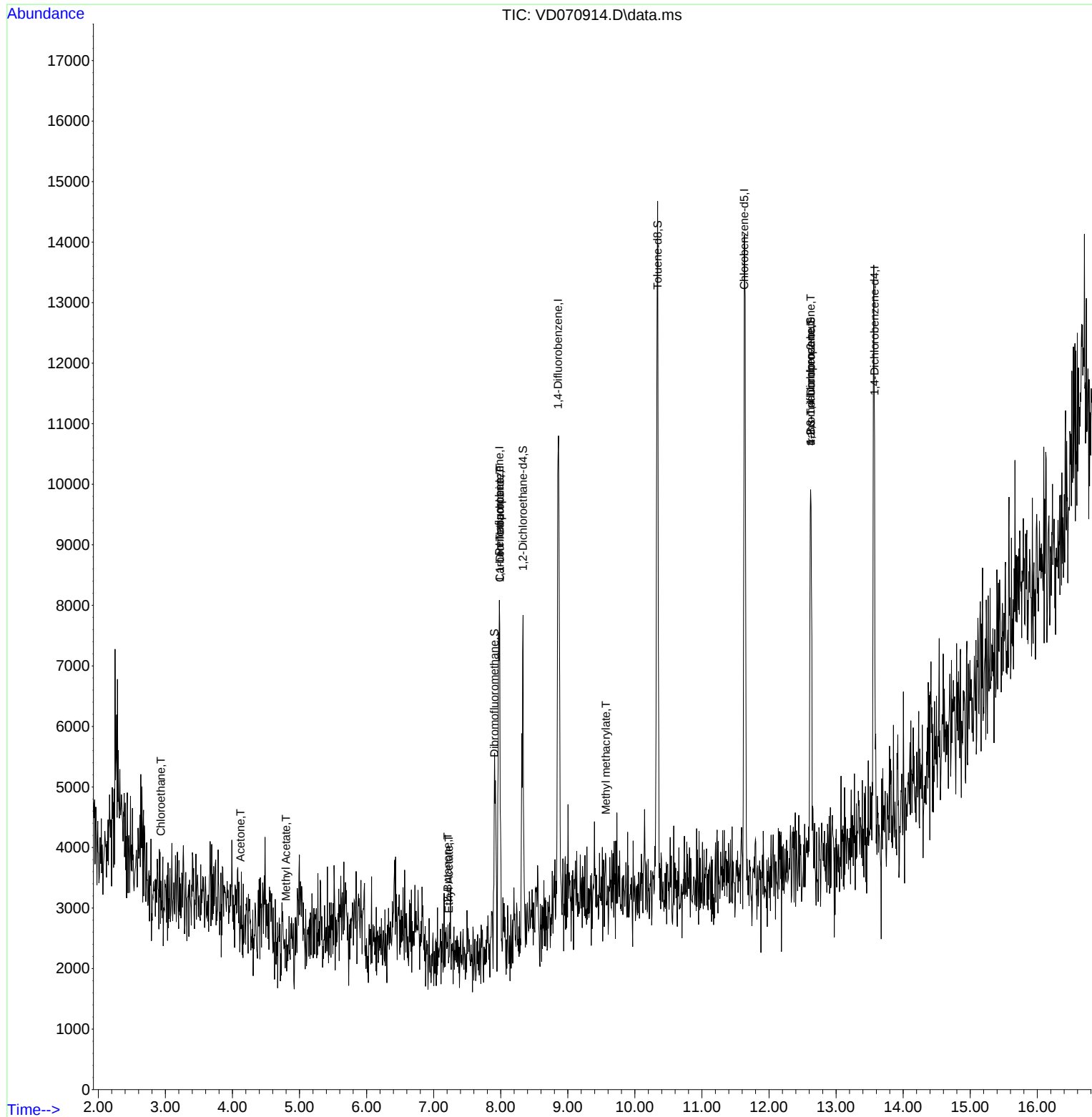
Internal Standards						
1) Pentafluorobenzene	7.979	168	5070	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	7890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	7347	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	2936	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	3597	70.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.080%	
35) Dibromofluoromethane	7.903	113	1499	28.814	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 57.620%	
50) Toluene-d8	10.338	98	8801	44.968	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.940%	
62) 4-Bromofluorobenzene	12.620	95	2446	37.878	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.760%	
Target Compounds						
						Qvalue
6) Chloroethane	2.932	64	57	1.253	ug/l	# 39
16) Acetone	4.120	43	154	12.981	ug/l	# 40
18) Methyl Acetate	4.797	43	67	1.647	ug/l	# 51
20) Methylene Chloride	4.973	84	54	Below Cal	#	7
25) 2-Butanone	7.209	43	67	4.589	ug/l	# 45
36) 1,1-Dichloropropene	7.985	75	133	1.611	ug/l	# 41
37) Ethyl Acetate	7.226	43	65	2.118	ug/l	# 66
38) Carbon Tetrachloride	7.985	117	381	4.590	ug/l	# 12
48) Methyl methacrylate	9.567	41	60	2.201	ug/l	# 15
76) 1,2,3-Trichloropropane	12.620	75	1183	40.931	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	1183	107.429	ug/l	# 18

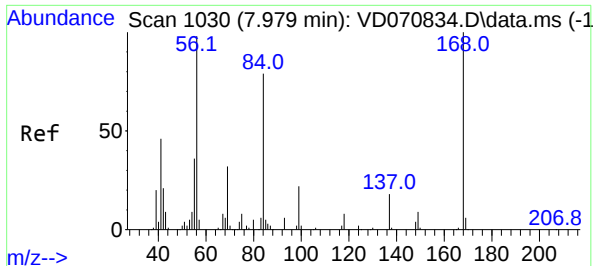
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

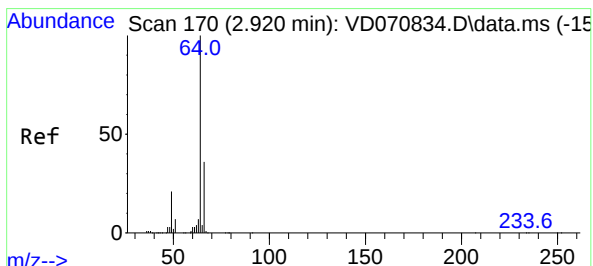
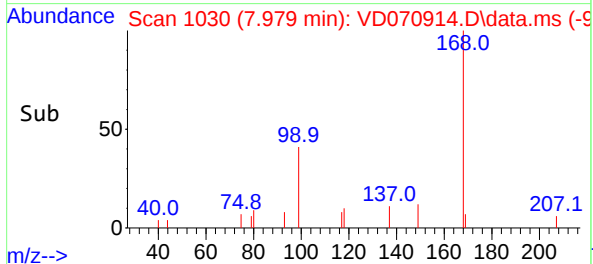
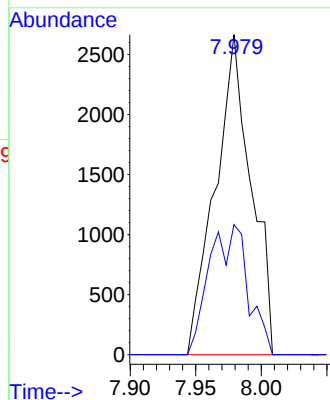
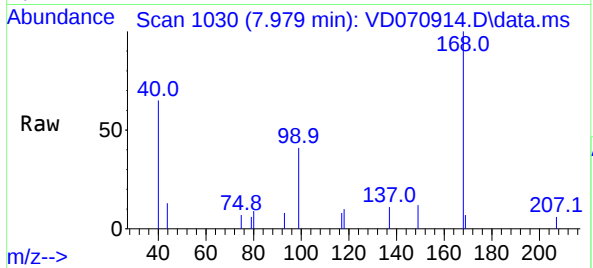




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

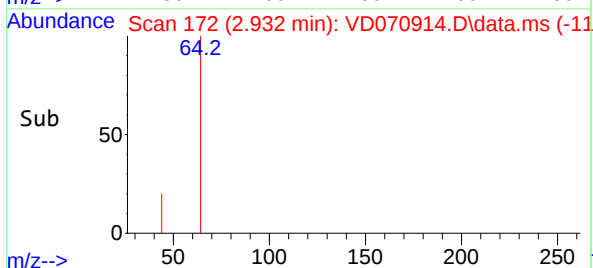
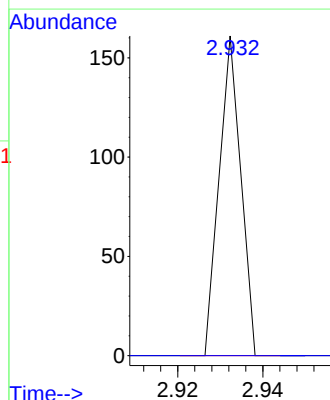
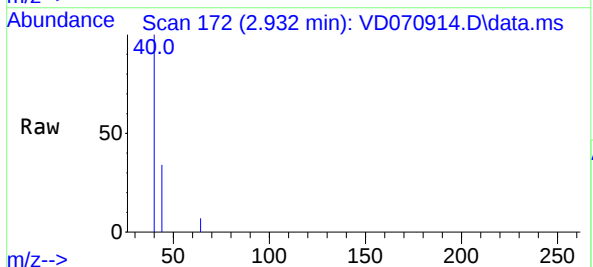
Instrument :
MSVOA_D
ClientSampleId :

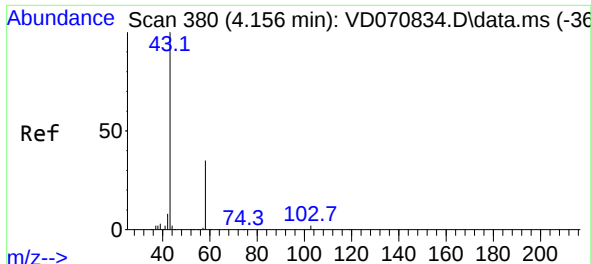
Tgt Ion:168 Resp: 5070
Ion Ratio Lower Upper
168 100
99 40.7 46.6 69.8#



#6
Chloroethane
Concen: 1.253 ug/l
RT: 2.932 min Scan# 172
Delta R.T. 0.012 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

Tgt Ion: 64 Resp: 57
Ion Ratio Lower Upper
64 100
66 0.0 29.0 43.4#

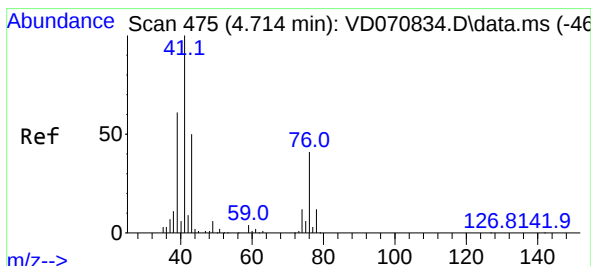
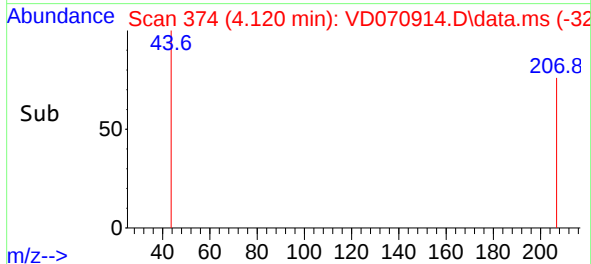
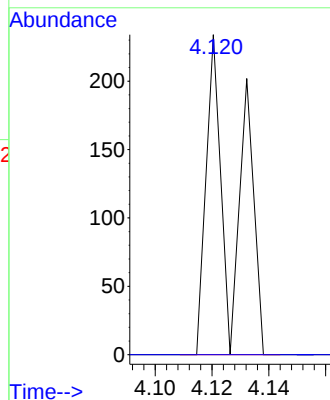
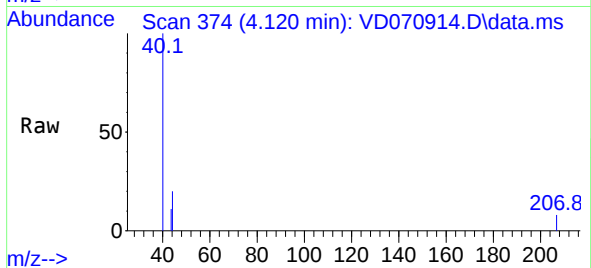




#16
Acetone
Concen: 12.981 ug/l
RT: 4.120 min Scan# 31
Delta R.T. -0.035 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

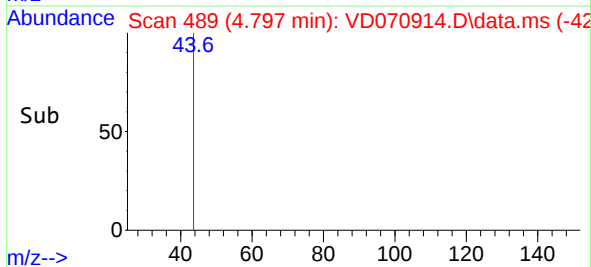
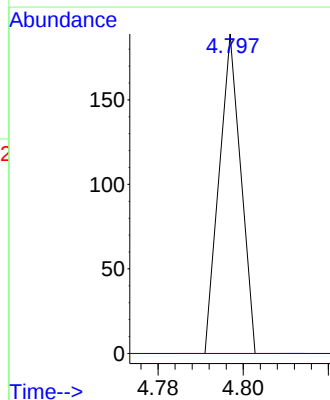
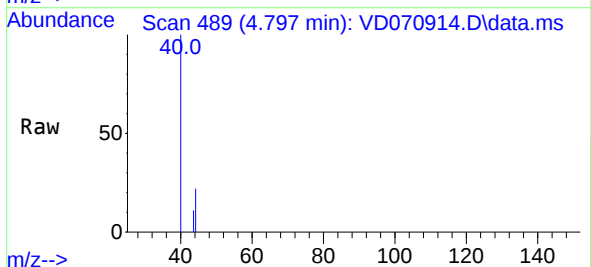
Instrument :
MSVOA_D
ClientSampleId :

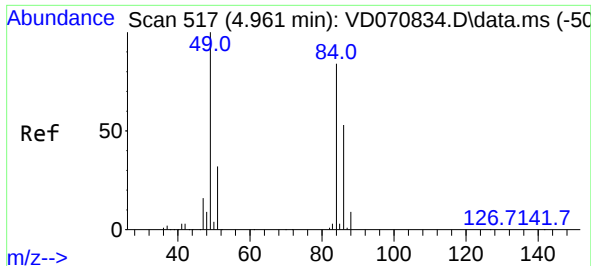
Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#18
Methyl Acetate
Concen: 1.647 ug/l
RT: 4.797 min Scan# 489
Delta R.T. 0.083 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

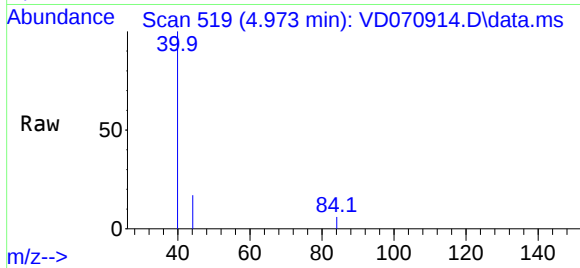
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



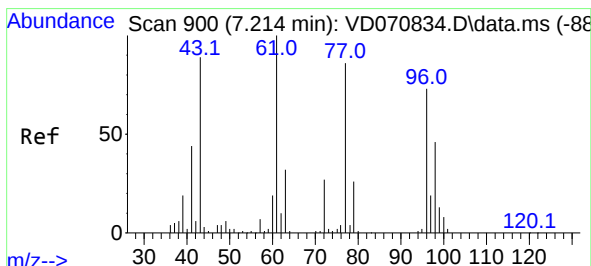
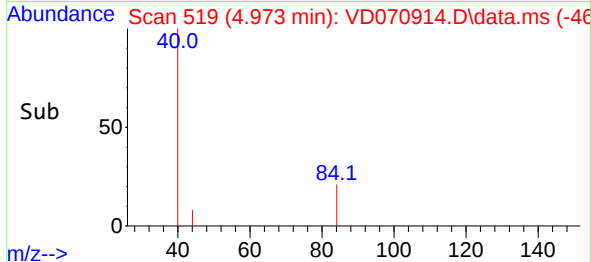
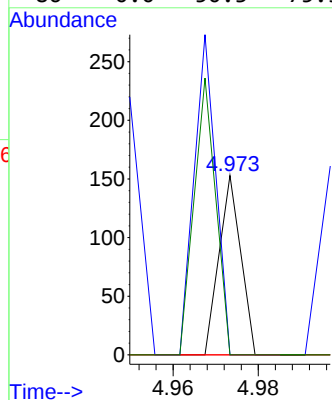


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

Instrument :
MSVOA_D
ClientSampleId :

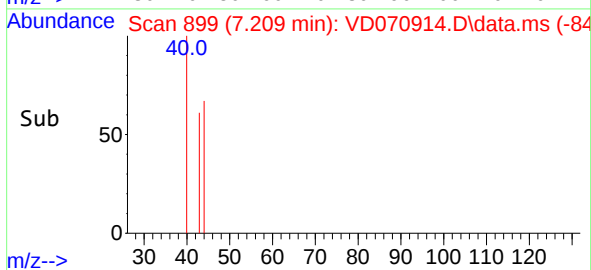
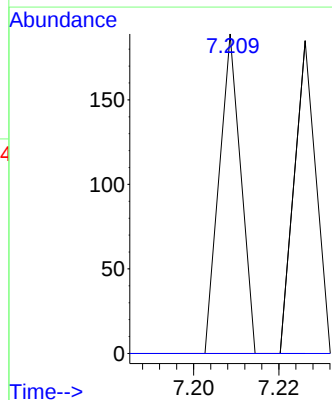
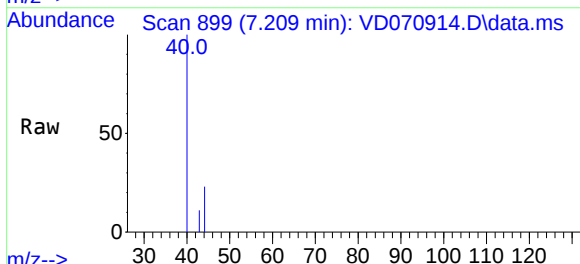


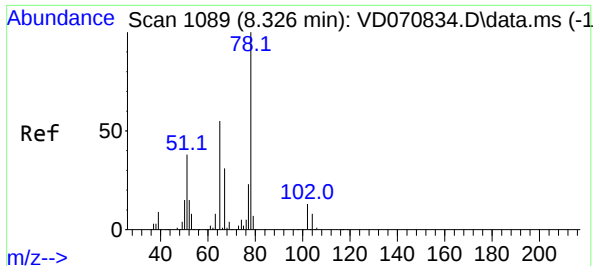
Tgt Ion: 84 Resp: 54
Ion Ratio Lower Upper
84 100
49 0.0 95.8 143.6#
51 0.0 30.9 46.3#
86 0.0 50.3 75.5#



#25
2-Butanone
Concen: 4.589 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#

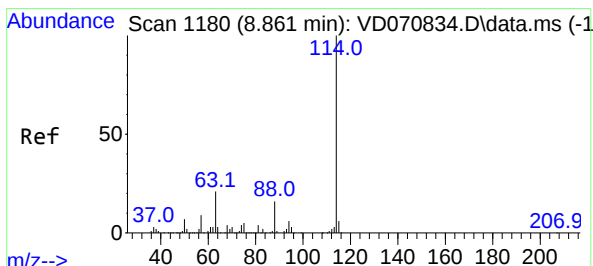
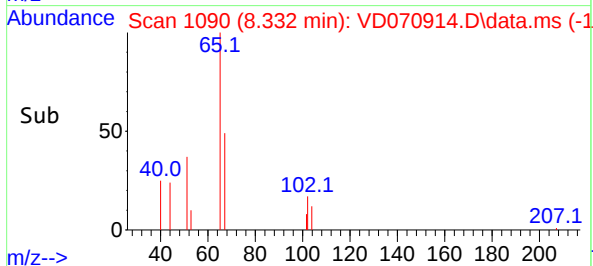
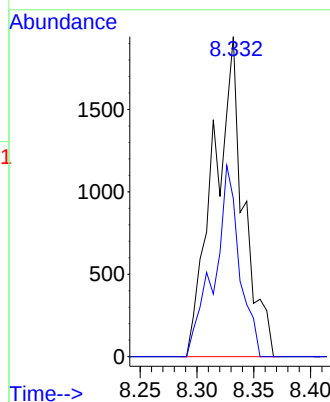
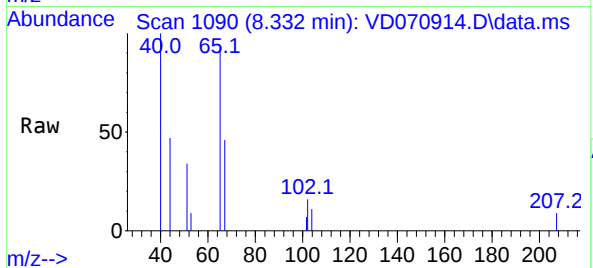




#33
1,2-Dichloroethane-d4
Concen: 70.541 ug/l
RT: 8.332 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

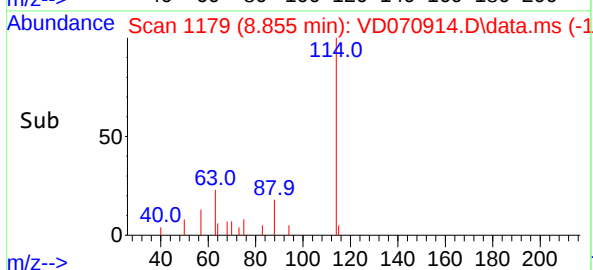
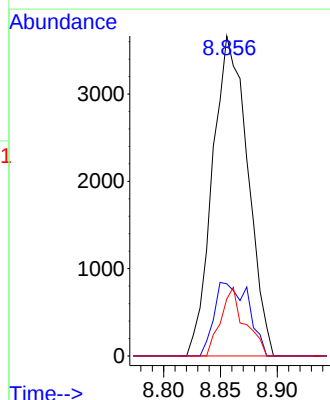
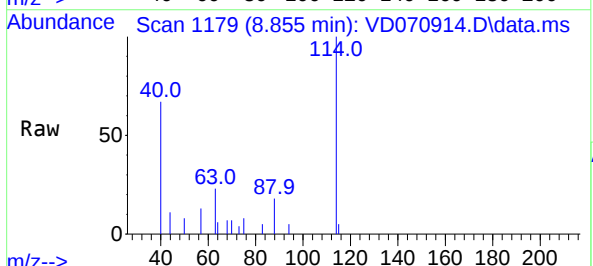
Instrument :
MSVOA_D
ClientSampleId :

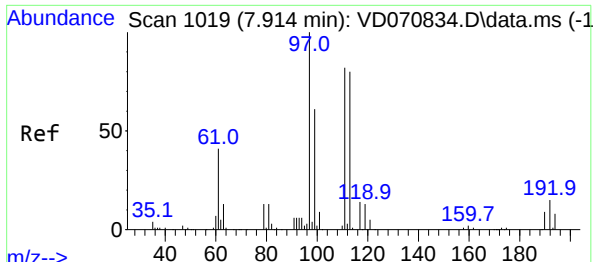
Tgt Ion: 65 Resp: 3597
Ion Ratio Lower Upper
65 100
67 50.2 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

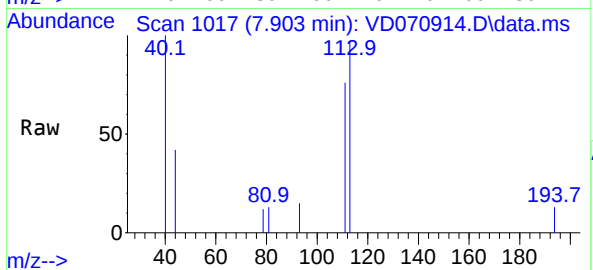
Tgt Ion: 114 Resp: 7890
Ion Ratio Lower Upper
114 100
63 22.6 0.0 41.8
88 17.8 0.0 32.8



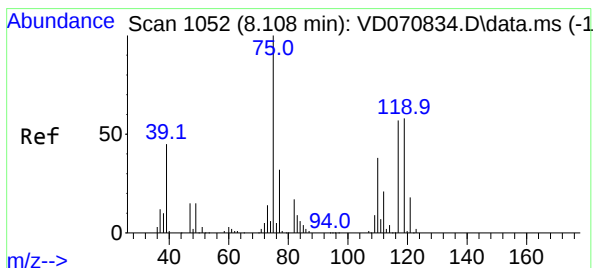
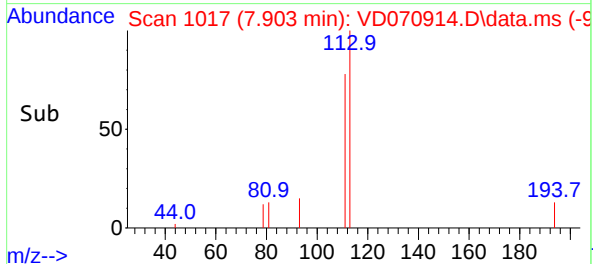
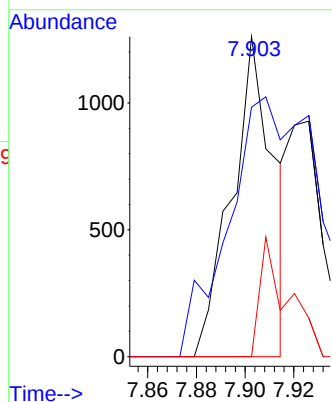


#35
Dibromofluoromethane
Concen: 28.814 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

Instrument :
MSVOA_D
ClientSampleId :

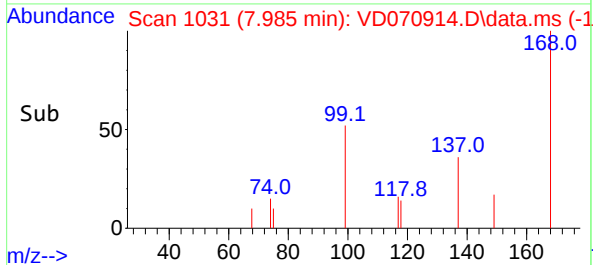
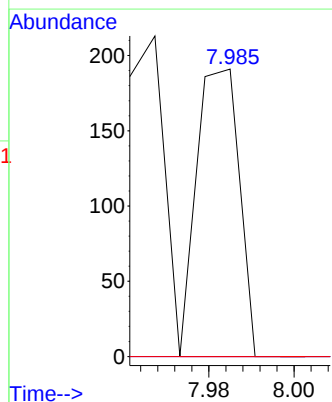
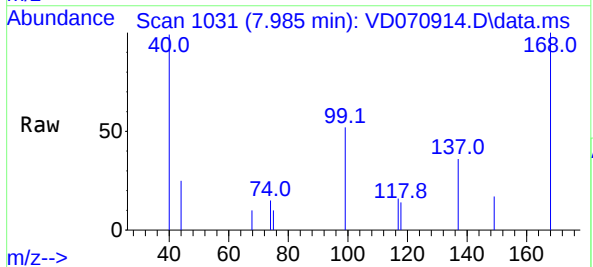


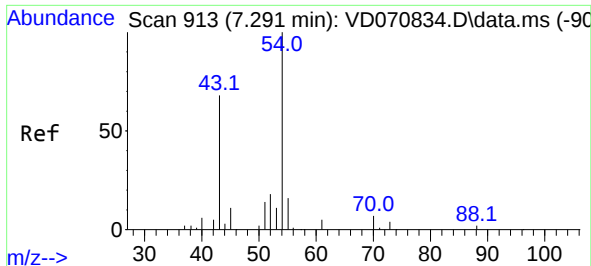
Tgt Ion:113 Resp: 1499
Ion Ratio Lower Upper
113 100
111 170.3 82.0 123.0#
192 24.8 15.2 22.8#



#36
1,1-Dichloropropene
Concen: 1.611 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.123 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

Tgt Ion: 75 Resp: 133
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.4#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 2.118 ug/l

RT: 7.226 min Scan# 90

Delta R.T. -0.065 min

Lab File: VD070914.D

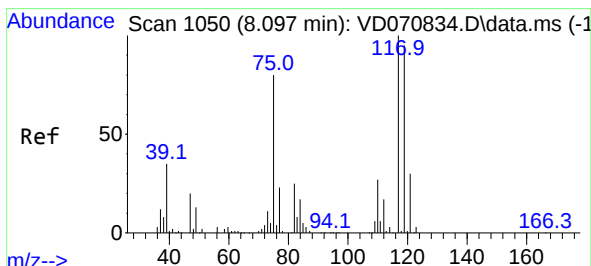
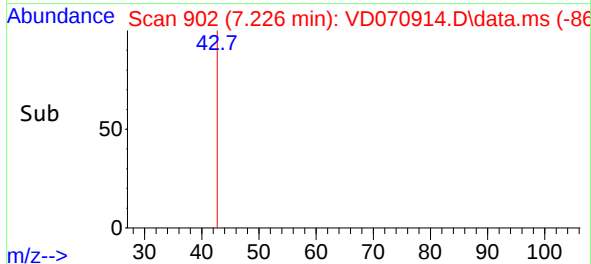
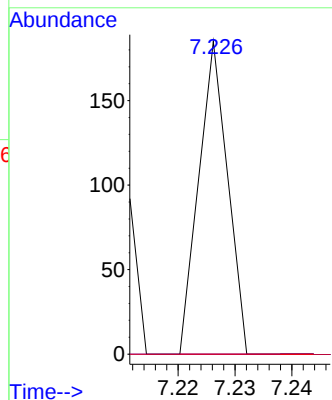
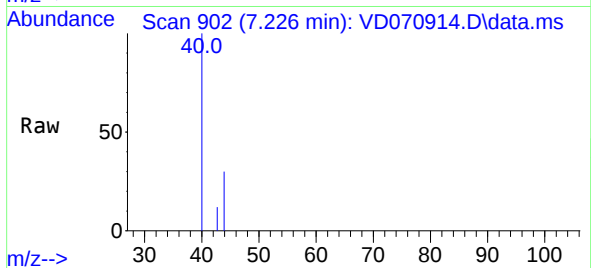
Acq: 03 Nov 2021 17:00

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	65
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.0	19.6#
70	0.0	8.7	13.1#



#38

Carbon Tetrachloride

Concen: 4.590 ug/l

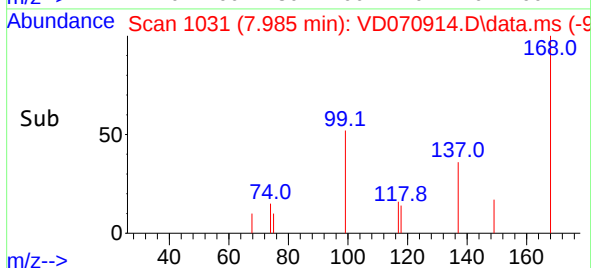
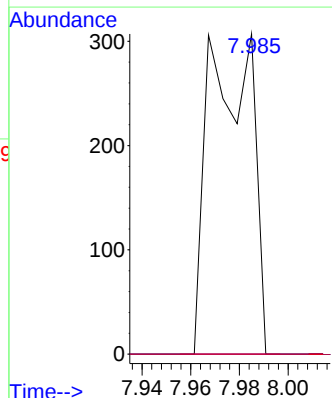
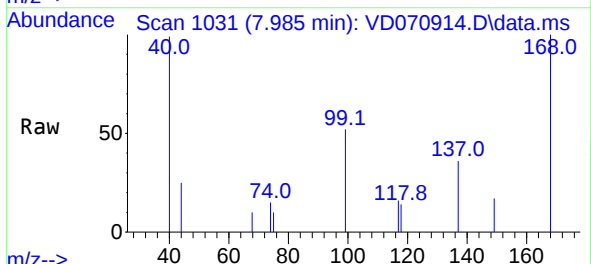
RT: 7.985 min Scan# 1031

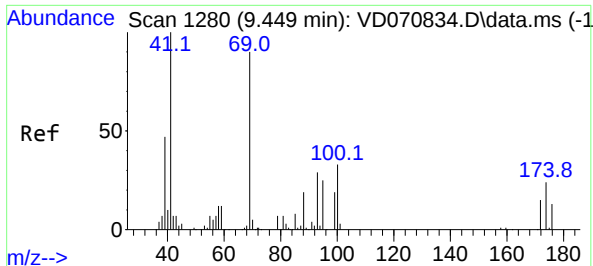
Delta R.T. -0.112 min

Lab File: VD070914.D

Acq: 03 Nov 2021 17:00

Tgt Ion:	117	Resp:	381
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	23.6	35.4#





#48

Methyl methacrylate

Concen: 2.201 ug/l

RT: 9.567 min Scan# 11

Delta R.T. 0.118 min

Lab File: VD070914.D

Acq: 03 Nov 2021 17:00

Instrument :

MSVOA_D

ClientSampleId :

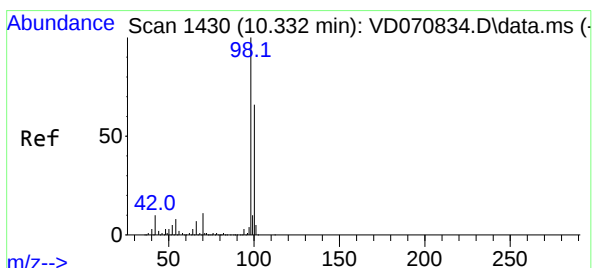
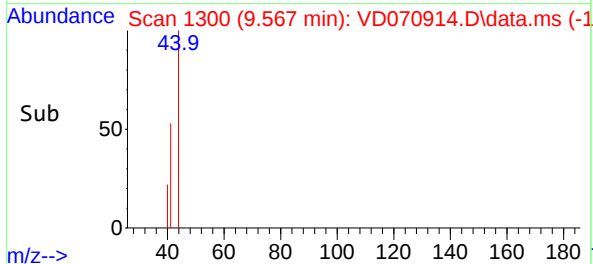
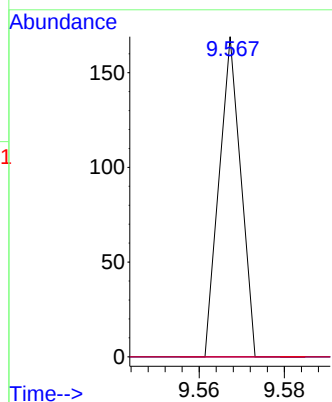
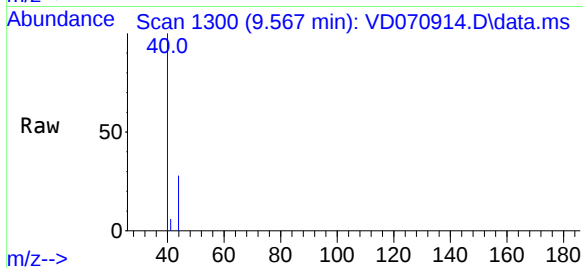
Tgt Ion: 41 Resp: 60

Ion Ratio Lower Upper

41 100

69 0.0 69.8 104.6#

39 0.0 35.6 53.4#



#50

Toluene-d8

Concen: 44.968 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD070914.D

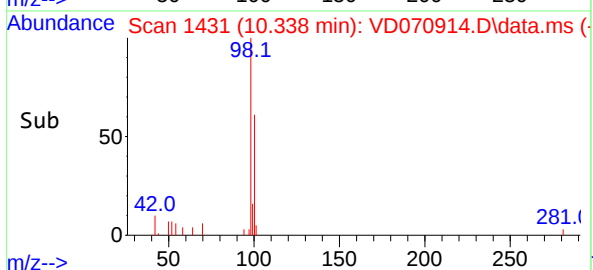
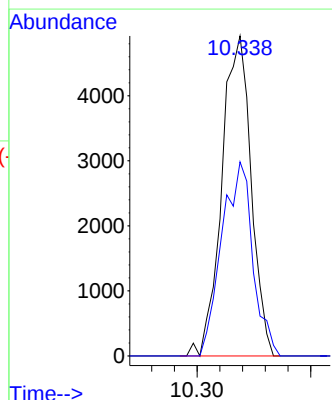
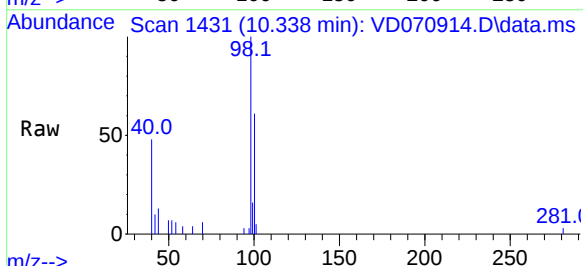
Acq: 03 Nov 2021 17:00

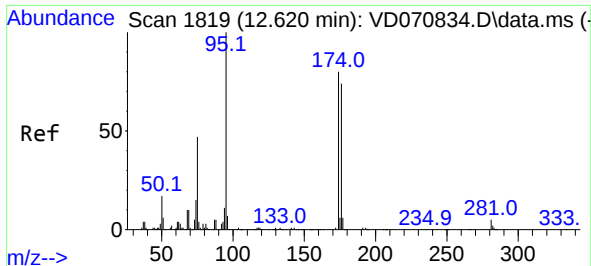
Tgt Ion: 98 Resp: 8801

Ion Ratio Lower Upper

98 100

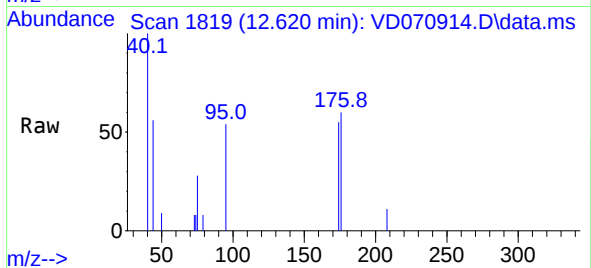
100 64.0 51.8 77.6



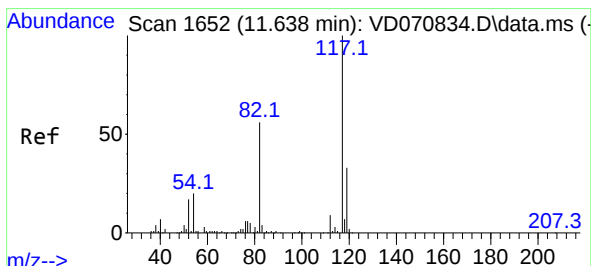
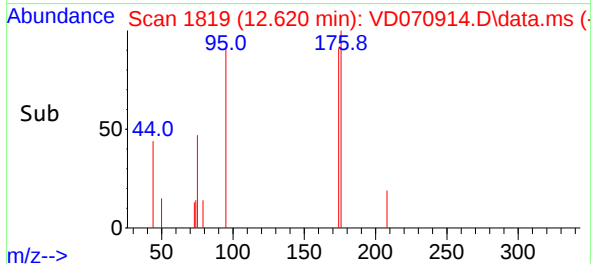
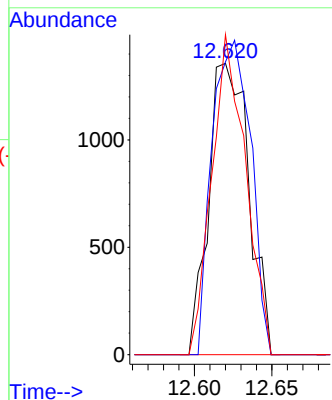


#62
4-Bromofluorobenzene
Concen: 37.878 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

Instrument :
MSVOA_D
ClientSampleId :

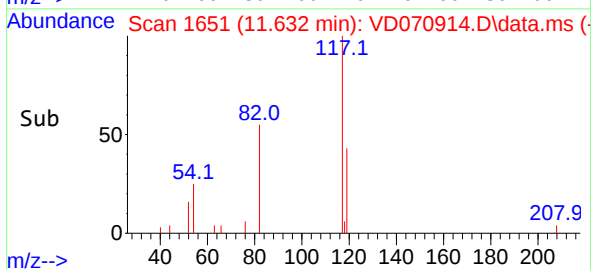
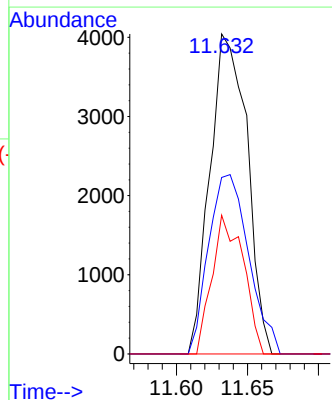
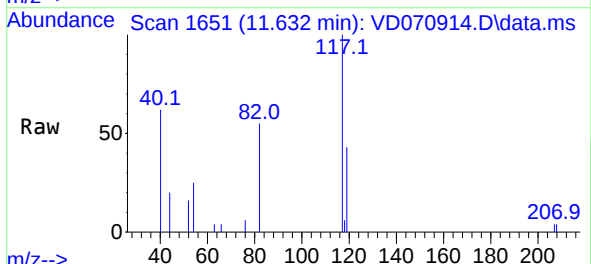


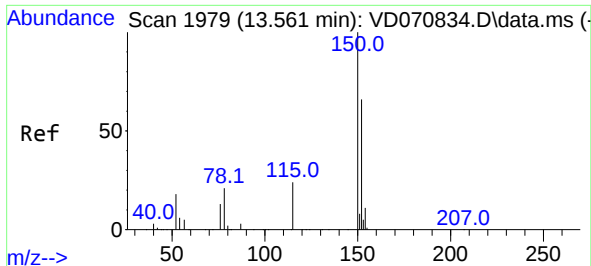
Tgt Ion: 95 Resp: 2446
Ion Ratio Lower Upper
95 100
174 103.9 0.0 159.4
176 92.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

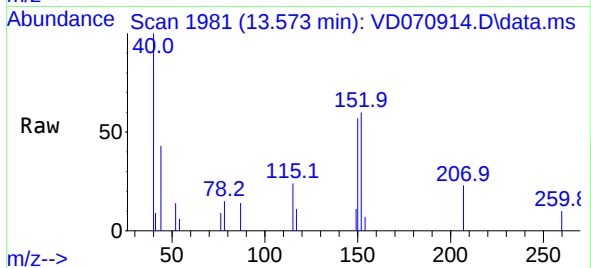
Tgt Ion: 117 Resp: 7347
Ion Ratio Lower Upper
117 100
82 55.1 44.7 67.1
119 43.3 26.2 39.4



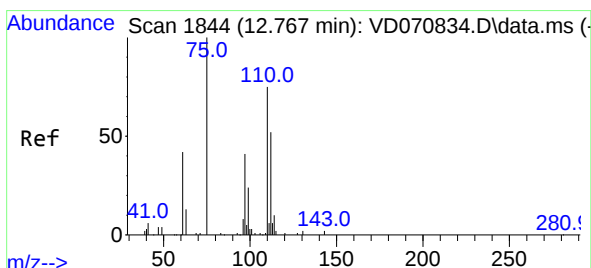
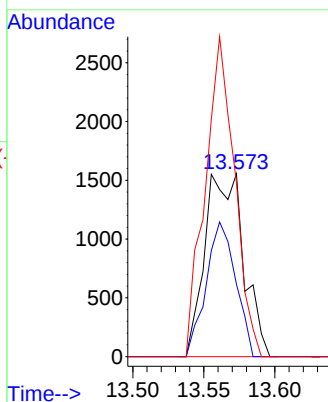
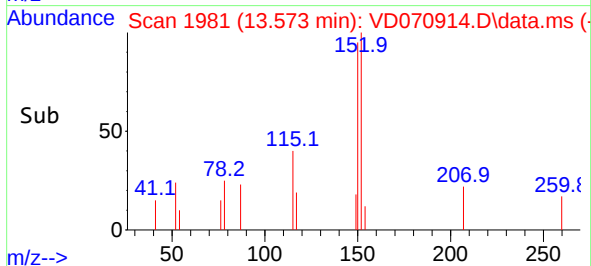


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1979
Delta R.T. 0.012 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

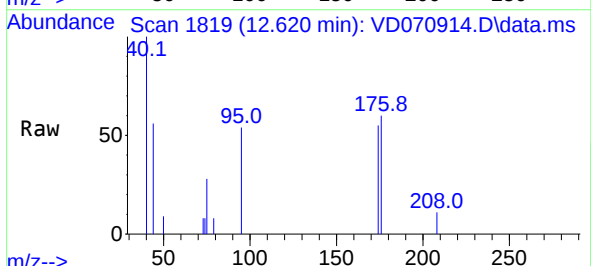
Instrument :
MSVOA_D
ClientSampleId :



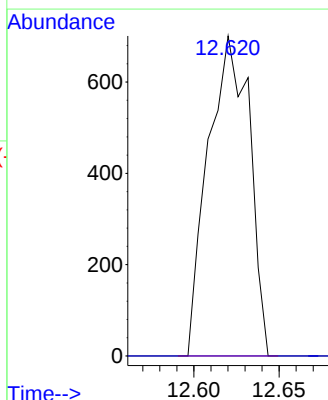
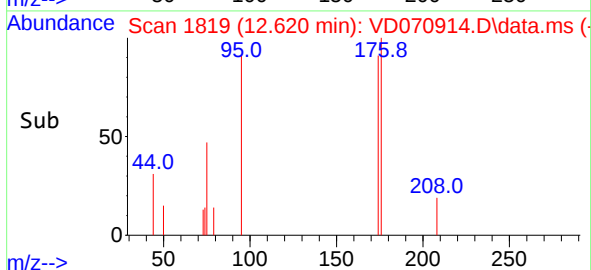
Tgt Ion:152 Resp: 2936
Ion Ratio Lower Upper
152 100
115 56.3 29.8 89.3
150 133.9 0.0 349.2

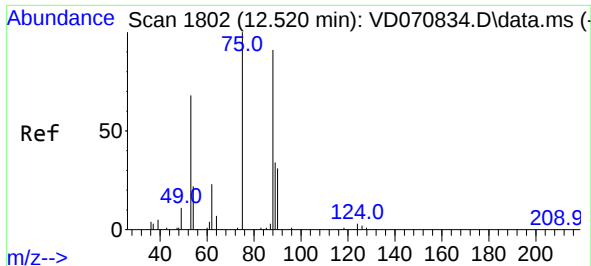


#76
1,2,3-Trichloropropane
Concen: 40.931 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00



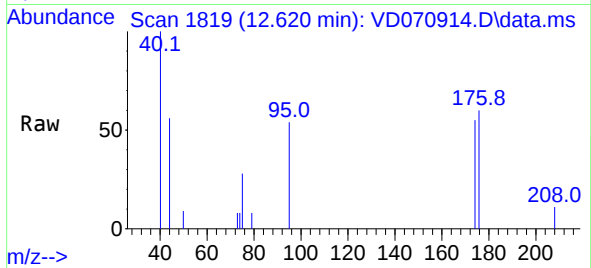
Tgt Ion: 75 Resp: 1183
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 107.429 ug/l
RT: 12.620 min Scan# 1183
Delta R.T. 0.100 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 1183
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#

