

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 :
 SB02B

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)

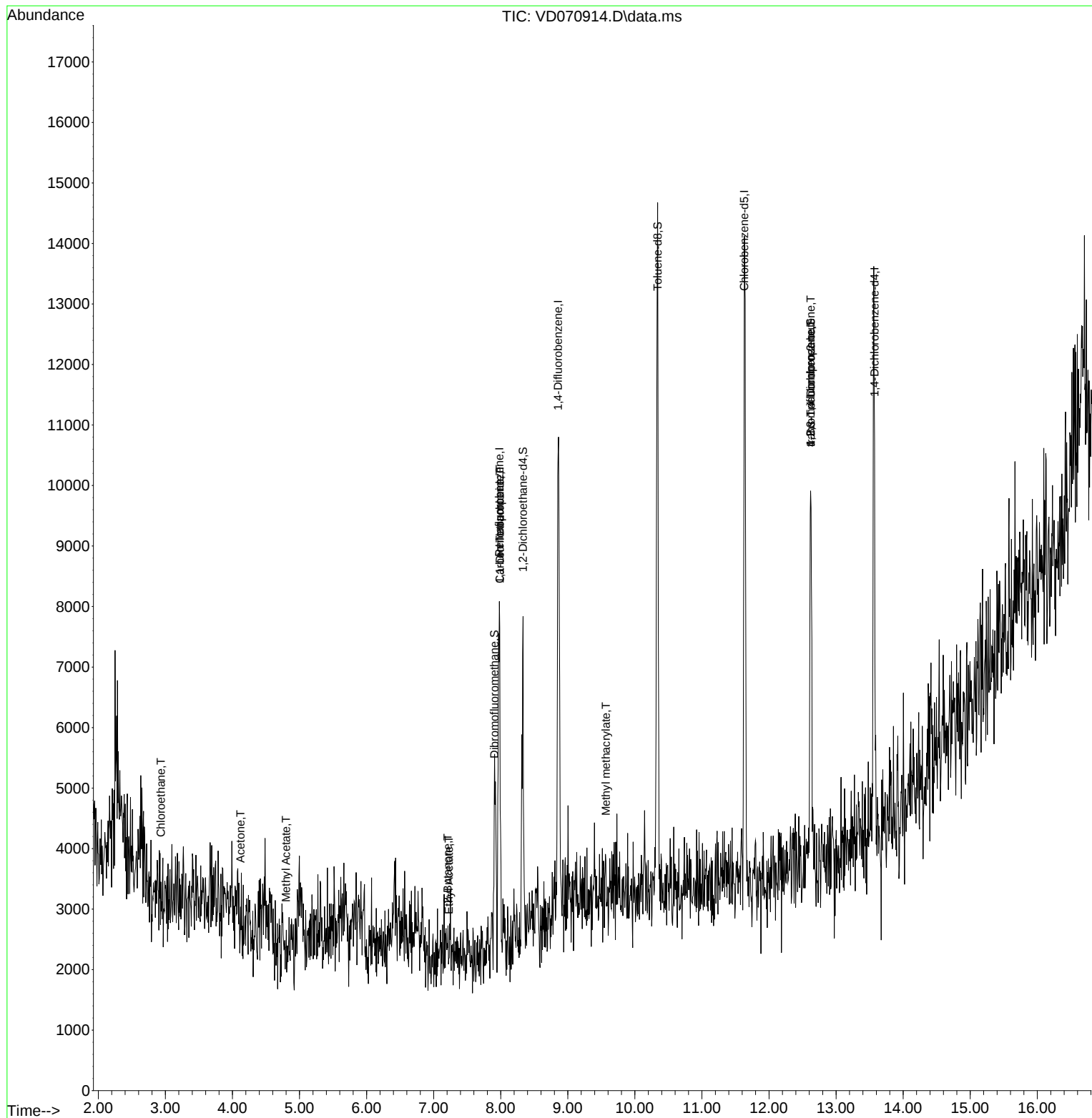
Internal Standards						
1) Pentafluorobenzene	7.979	168	5070	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	7890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	7347	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	2936	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

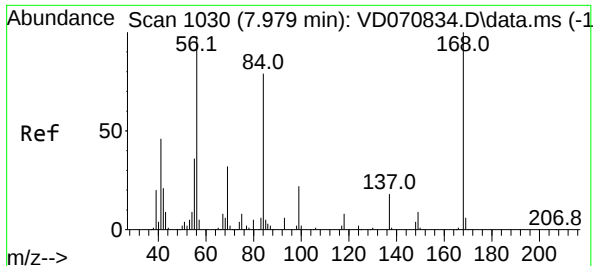
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

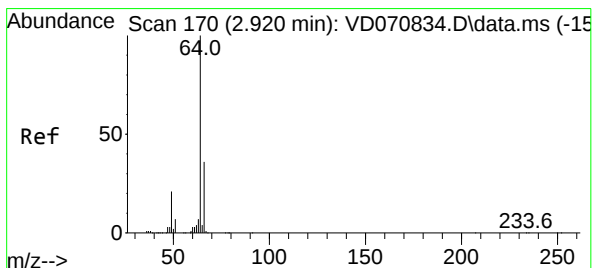
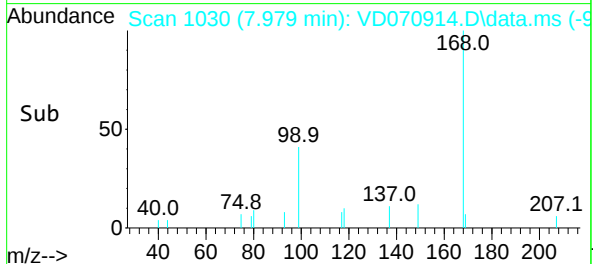
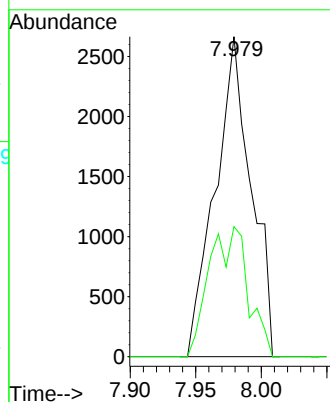
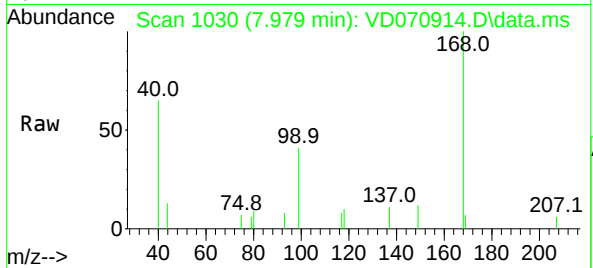




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

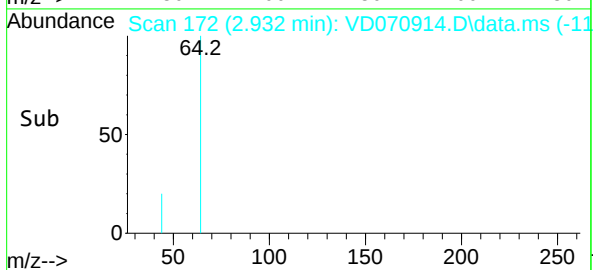
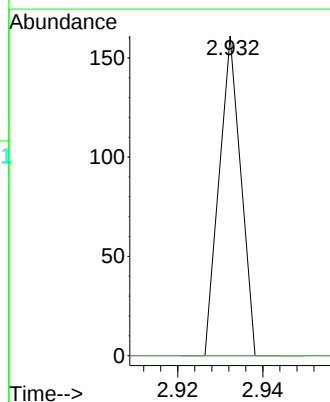
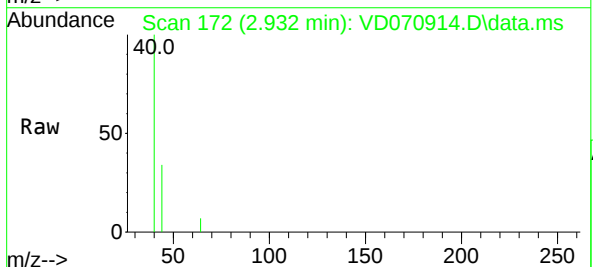
Instrument :
MSVOA_D
ClientSampleId :
SB02B

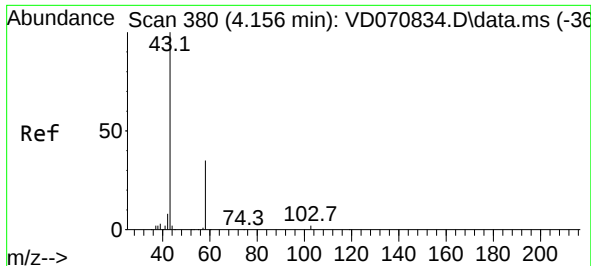
Tgt Ion:168 Resp: 5070
Ion Ratio Lower Upper
168 100
99 40.7 46.6 69.8#



#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#

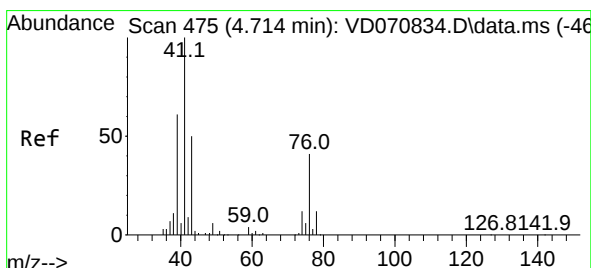
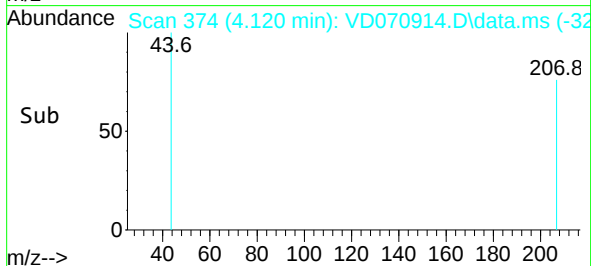
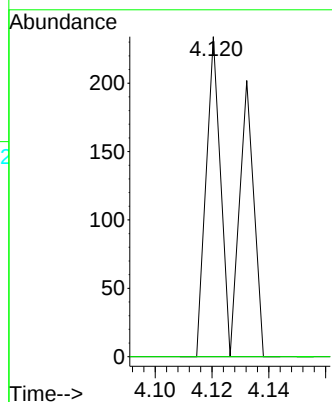
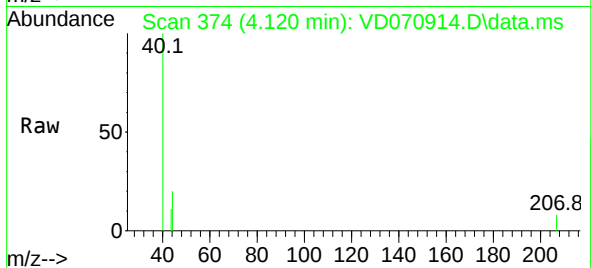




#16
Acetone
Concen: 12.981 ug/l
RT: 4.120 min Scan# 31
Delta R.T. -0.035 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

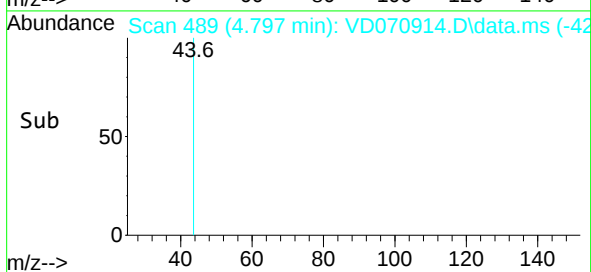
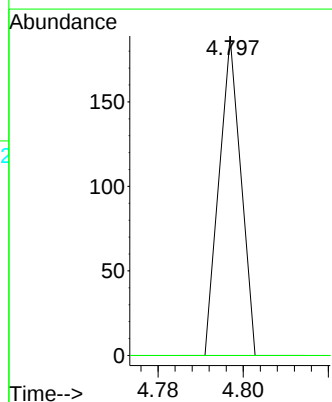
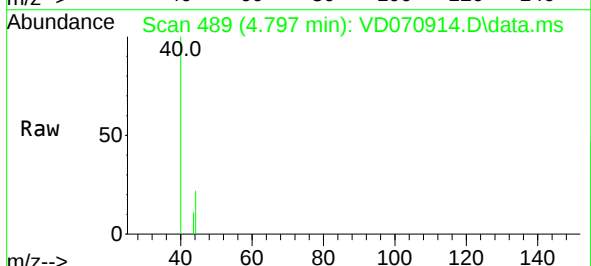
Instrument :
MSVOA_D
ClientSampleId :
SB02B

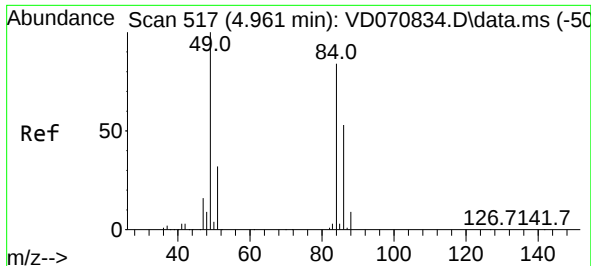
Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#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#

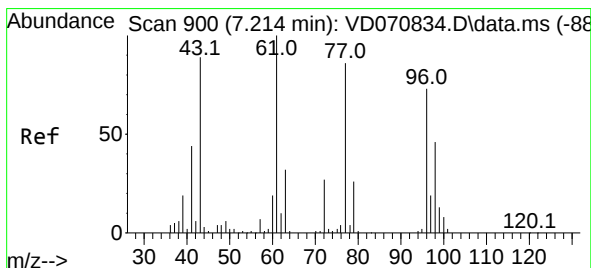
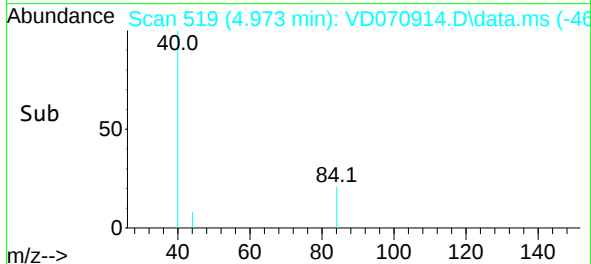
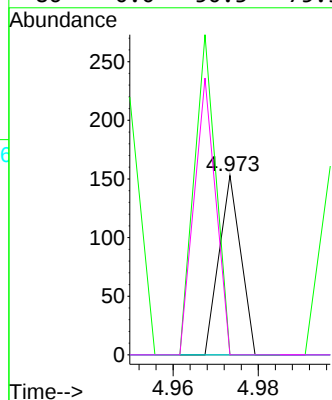
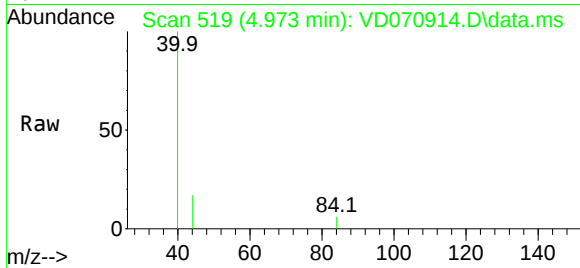




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 517
Delta R.T. 0.012 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

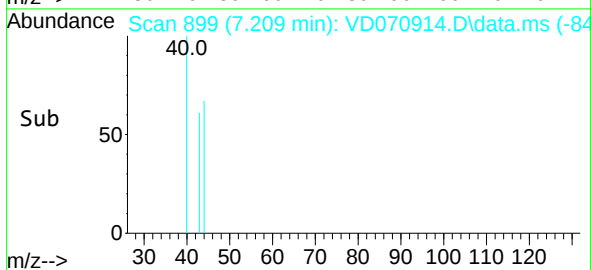
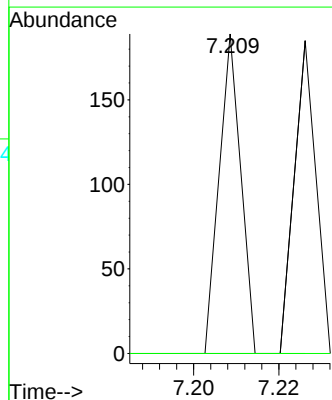
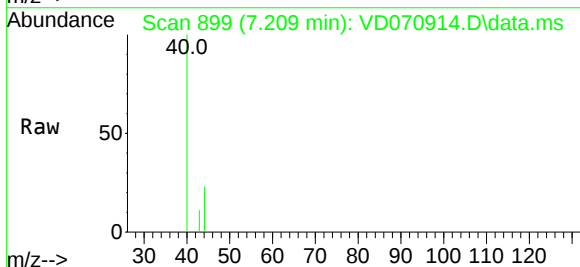
Instrument :
MSVOA_D
ClientSampleId :
SB02B

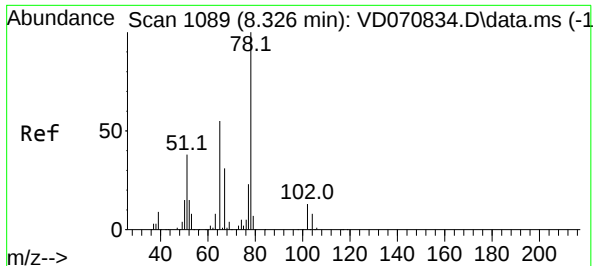
Tgt Ion:	84	Resp:	54
Ion	Ratio	Lower	Upper
84	100		
49	0.0	95.8	143.6#
51	0.0	30.9	46.3#
86	0.0	50.3	75.5#



#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 :

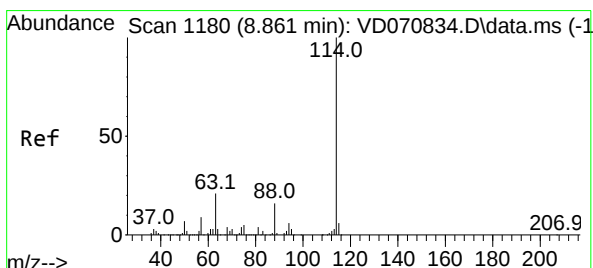
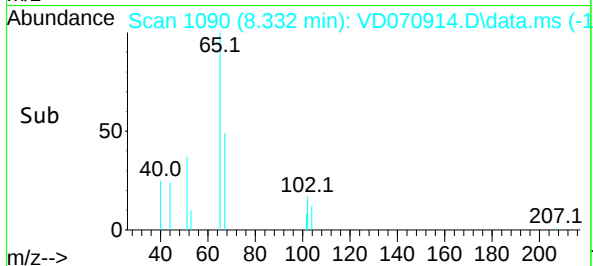
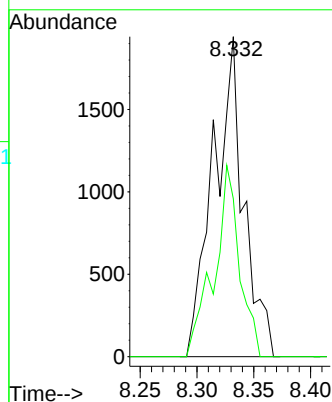
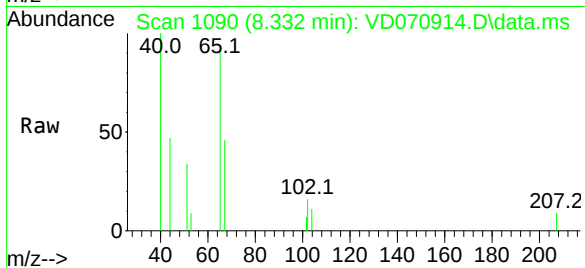
SB02B

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

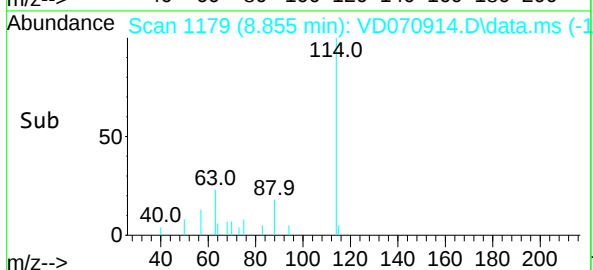
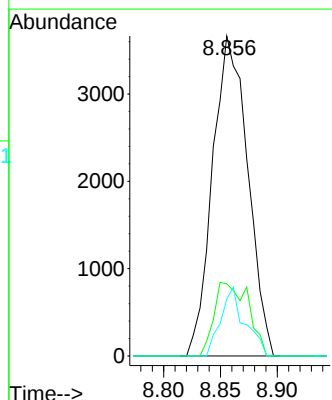
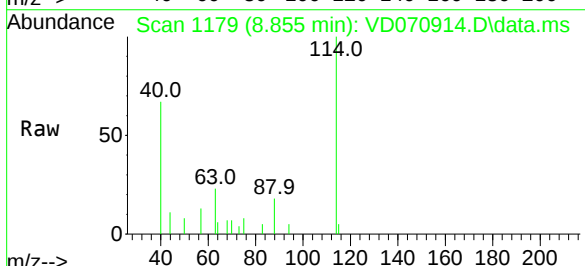
Tgt Ion: 114 Resp: 7890

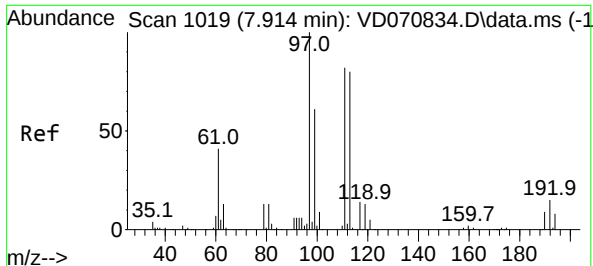
Ion Ratio Lower Upper

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# 1031

Delta R.T. -0.012 min

Lab File: VD070914.D

Acq: 03 Nov 2021 17:00

Instrument :

MSVOA_D

ClientSampleId :

SB02B

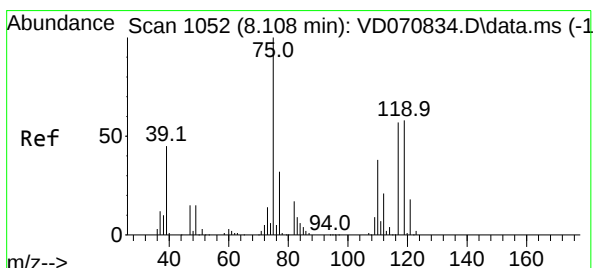
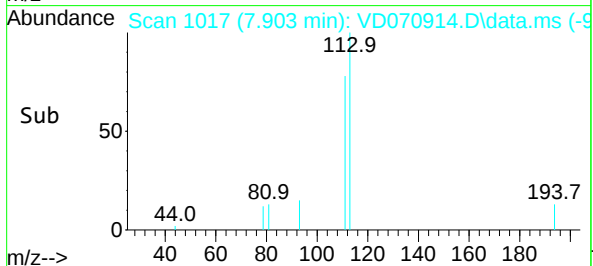
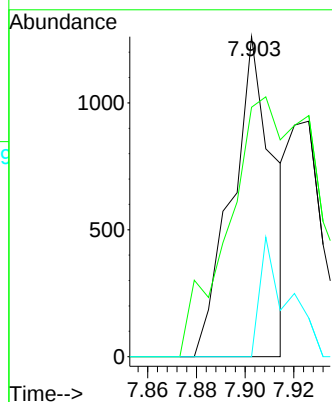
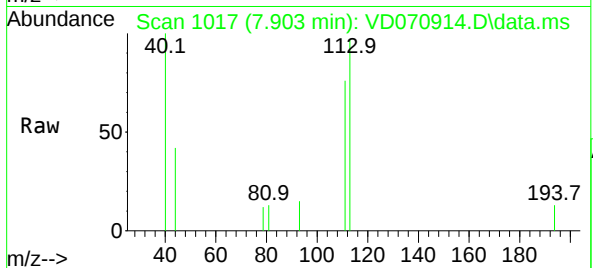
Tgt Ion:113 Resp: 1499

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

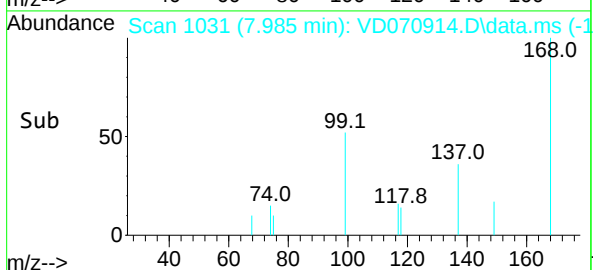
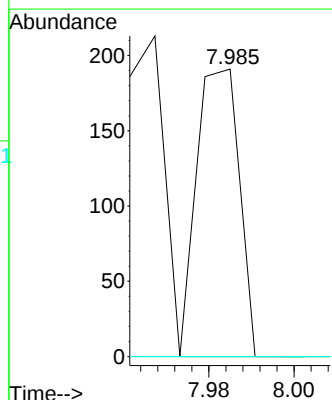
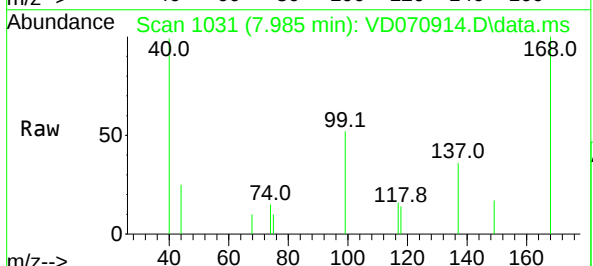
Tgt Ion: 75 Resp: 133

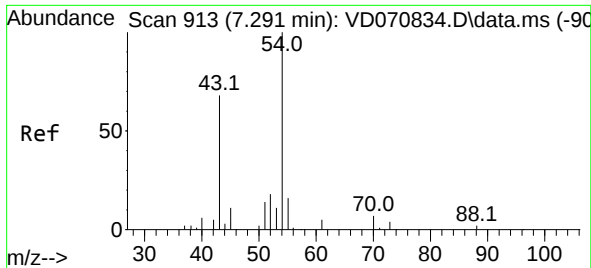
Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.4#

77 0.0 24.8 37.2#

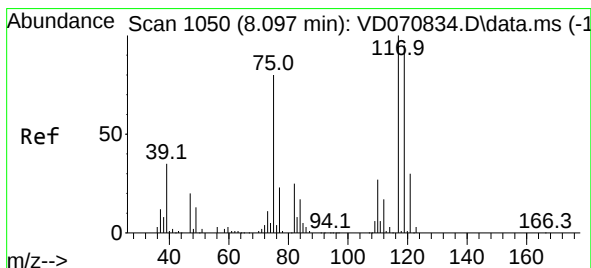
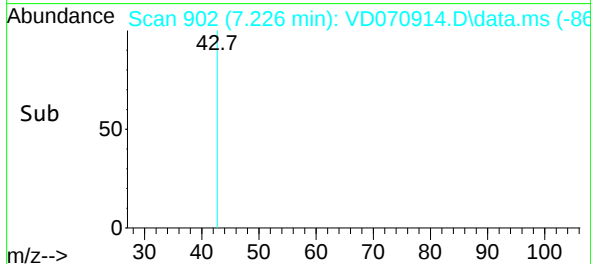
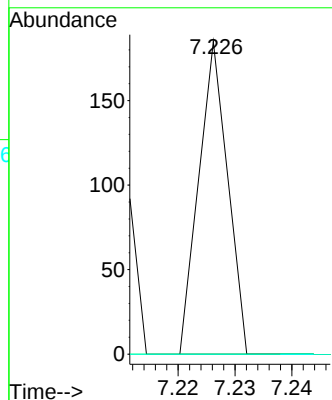
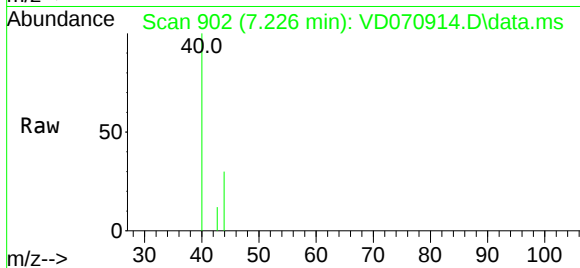




#37
Ethyl Acetate
Concen: 2.118 ug/l
RT: 7.226 min Scan# 90
Delta R.T. -0.065 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

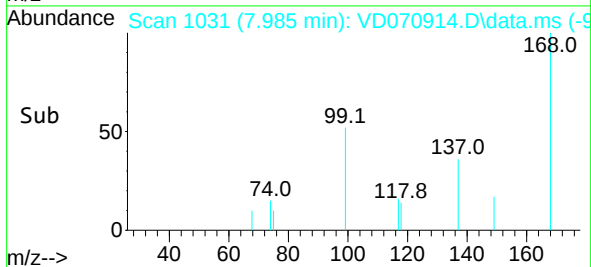
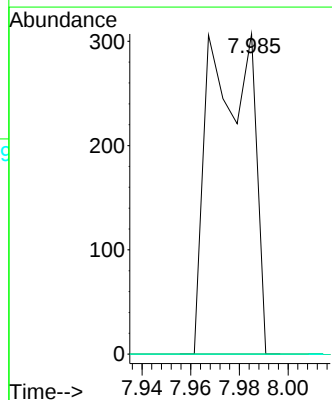
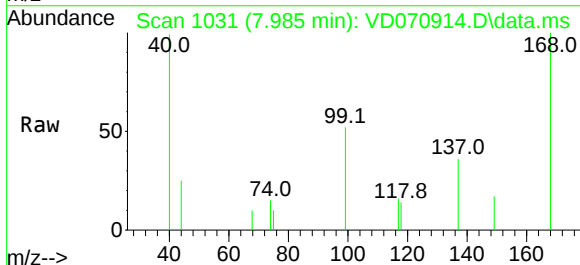
Instrument :
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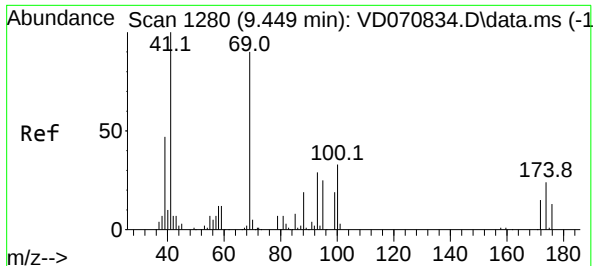
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.6#
70 0.0 8.7 13.1#



#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#

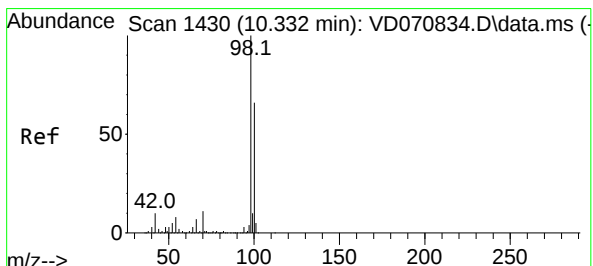
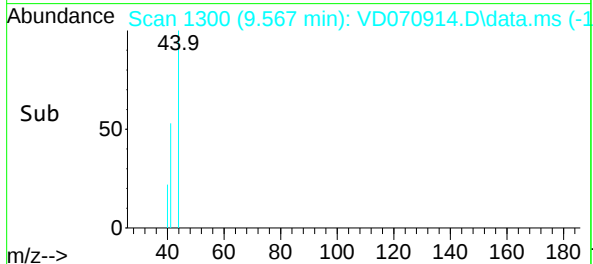
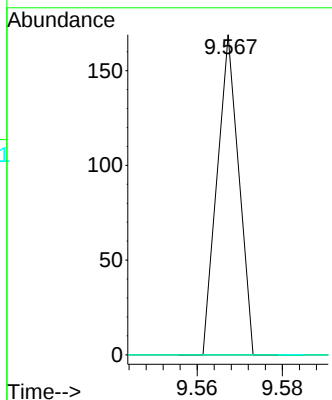
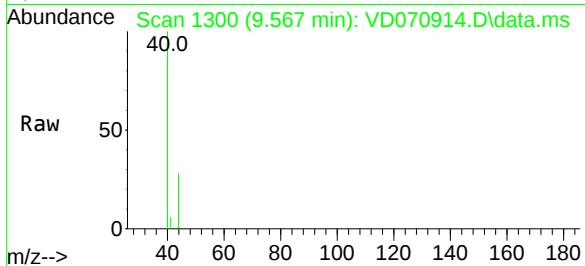




#48
Methyl methacrylate
Concen: 2.201 ug/l
RT: 9.567 min Scan# 11
Delta R.T. 0.118 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

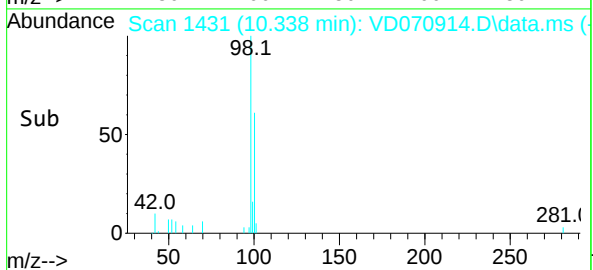
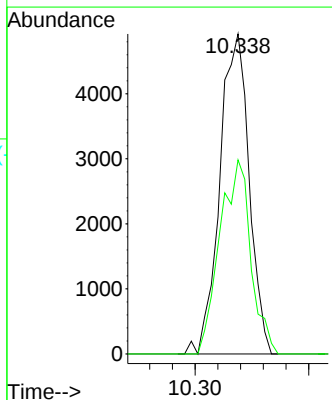
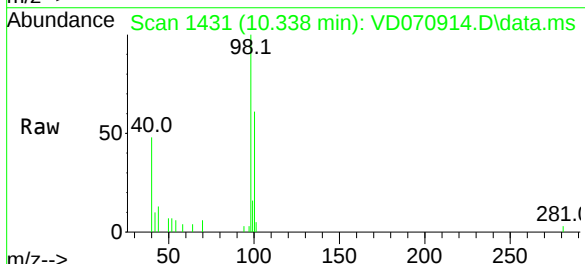
Instrument :
MSVOA_D
ClientSampleId :
SB02B

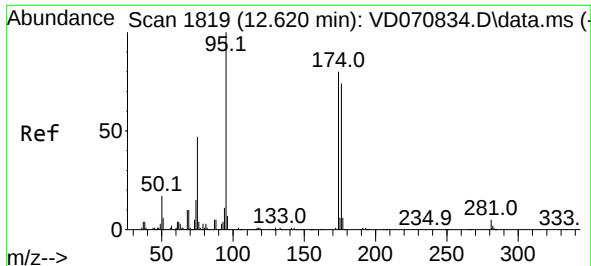
Tgt Ion: 41 Resp: 60
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.6#
39 0.0 35.6 53.4#



#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

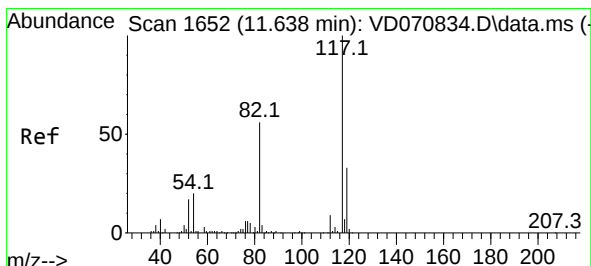
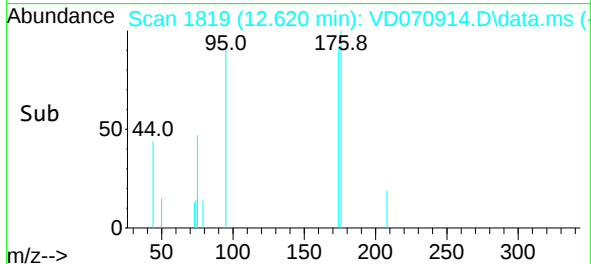
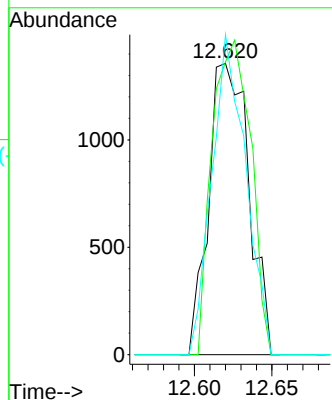
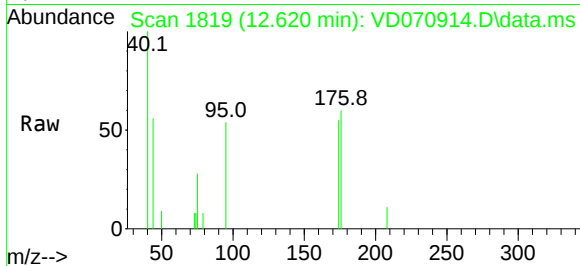




#62
4-Bromofluorobenzene
Concen: 37.878 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070914.D
Acq: 03 Nov 2021 17:00

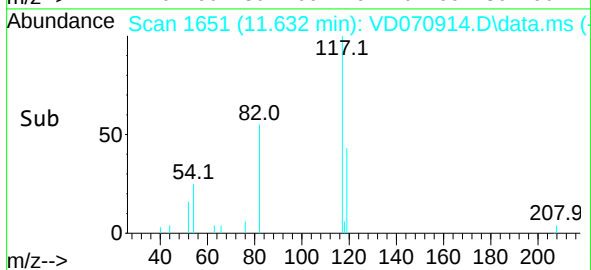
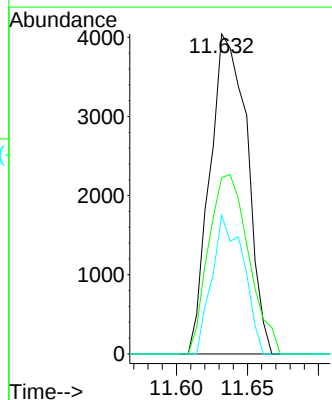
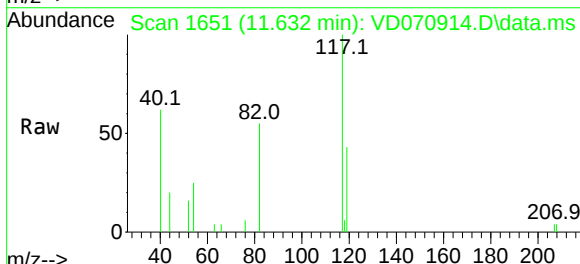
Instrument :
MSVOA_D
ClientSampleId :
SB02B

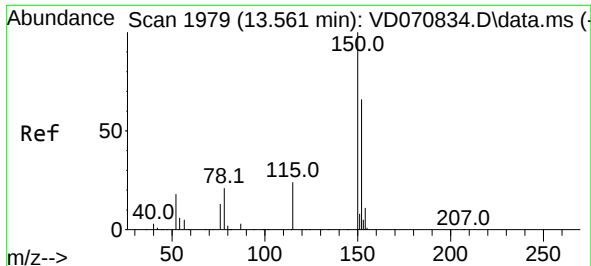
Tgt Ion: 95 Resp: 2446
Ion Ratio Lower Upper
95 100
174 103.9 0.0 159.4
176 92.6 0.0 154.0



#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#

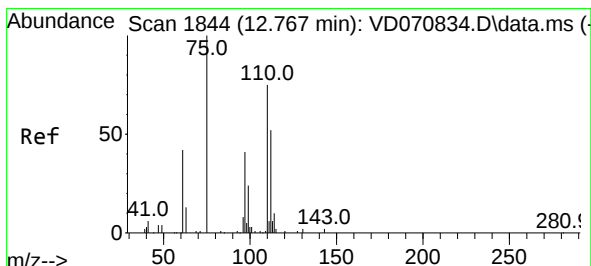
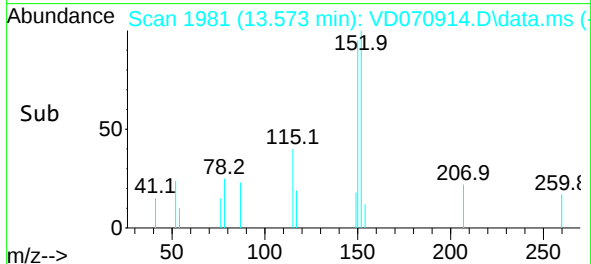
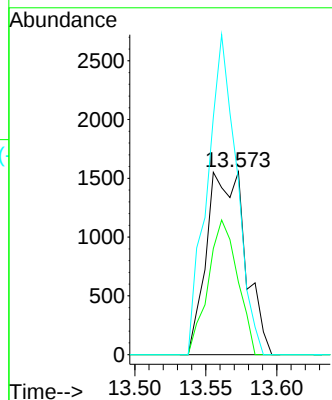
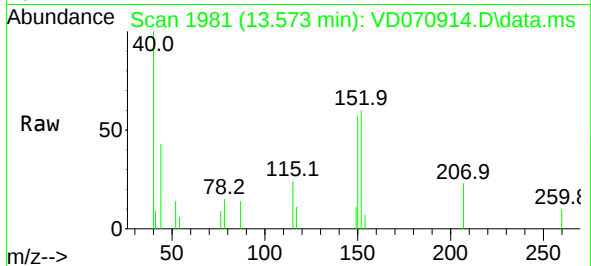




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.573 min Scan# 1979
 Delta R.T. 0.012 min
 Lab File: VD070914.D
 Acq: 03 Nov 2021 17:00

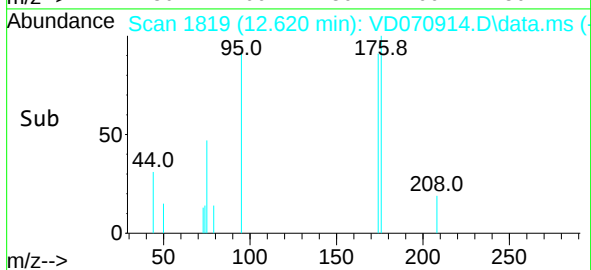
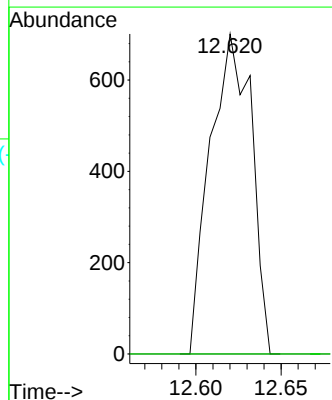
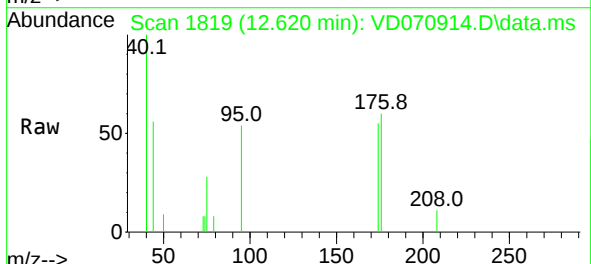
Instrument :
 MSVOA_D
 ClientSampleId :
 SB02B

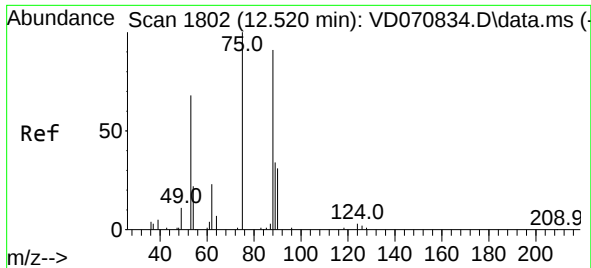
Tgt Ion:152 Resp: 2936
 Ion Ratio Lower Upper
 152 100
 115 56.3 29.8 89.3
 150 133.9 0.0 349.2



#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 :
 SB02B

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#

