

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072833.D
 Acq On : 06 May 2022 03:40
 Operator : VA/SY
 Sample : N2680-06
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B3-6-8

Quant Time: May 06 04:24:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

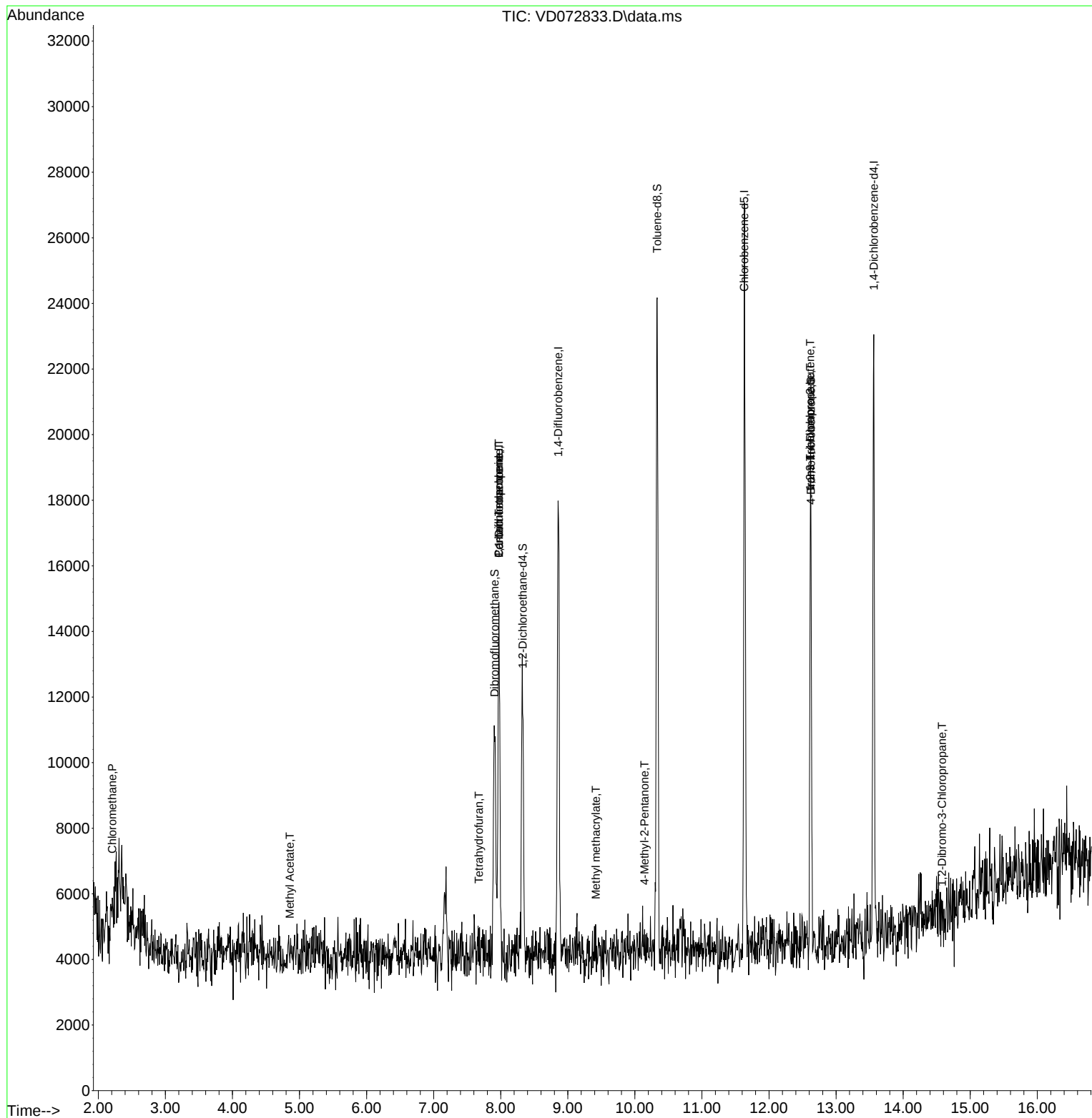
Internal Standards						
1) Pentafluorobenzene	7.973	168	7262	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	12606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	12485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	6902	73.218	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	146.440%	
35) Dibromofluoromethane	7.909	113	5735	64.778	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	129.560%	
50) Toluene-d8	10.332	98	13974	44.002	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	88.000%	
62) 4-Bromofluorobenzene	12.626	95	5318	44.909	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	89.820%	
Target Compounds						
						Qvalue
3) Chloromethane	2.209	50	411	3.938	ug/l	# 88
16) Acetone	4.144	43	84	Below Cal	#	47
18) Methyl Acetate	4.856	43	87	1.457	ug/l	# 55
20) Methylene Chloride	4.950	84	67	Below Cal	#	44
29) Tetrahydrofuran	7.673	42	80	4.570	ug/l	# 38
36) 1,1-Dichloropropene	7.973	75	669	4.647	ug/l	# 43
38) Carbon Tetrachloride	7.973	117	1051	7.033	ug/l	# 13
48) Methyl methacrylate	9.420	41	61	1.021	ug/l	# 19
51) 4-Methyl-2-Pentanone	10.144	43	68	1.071	ug/l	# 39
76) 1,2,3-Trichloropropane	12.614	75	2814	48.841	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.614	75	2814	112.315	ug/l	# 7
92) 1,2-Dibromo-3-Chloropr...	14.579	75	56	4.353	ug/l	# 6

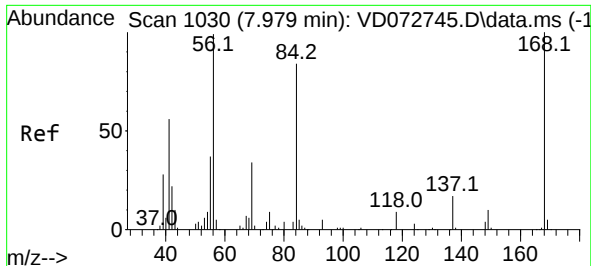
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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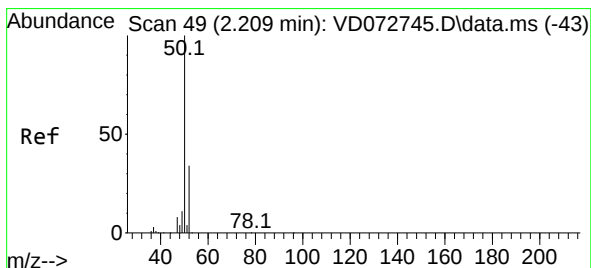
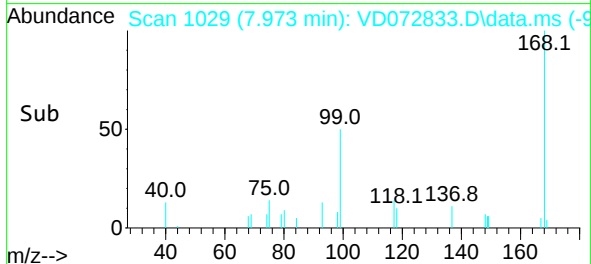
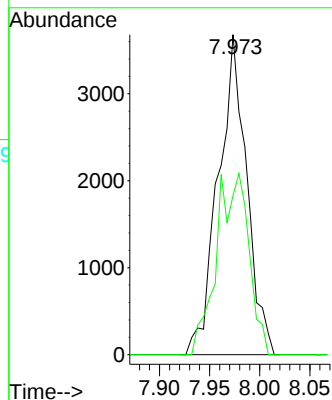
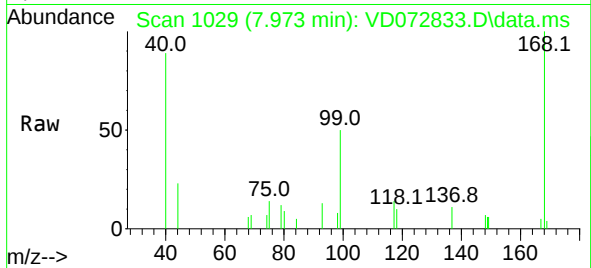




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

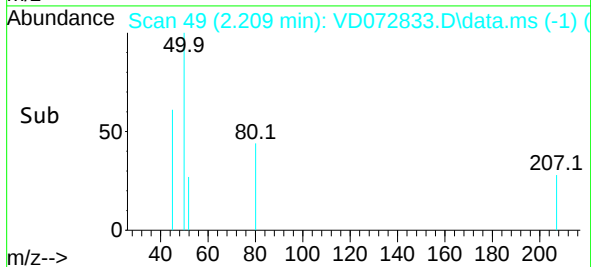
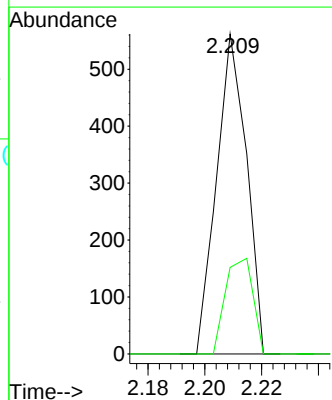
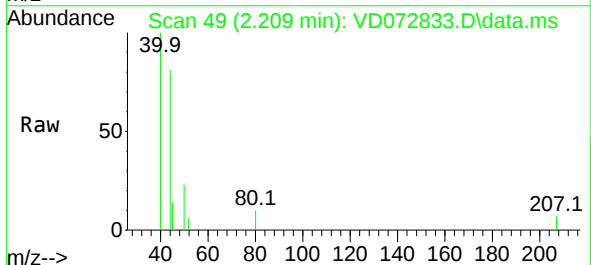
Instrument :
MSVOA_D
ClientSampleId :
B3-6-8

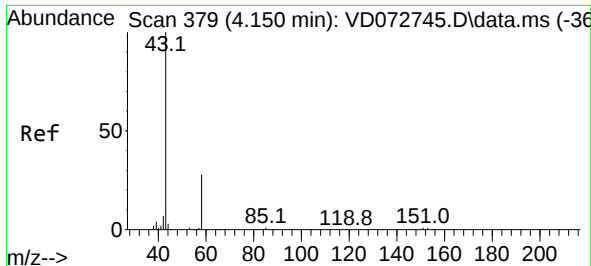
Tgt Ion:168 Resp: 7262
Ion Ratio Lower Upper
168 100
99 49.7 49.8 74.6#



#3
Chloromethane
Concen: 3.938 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

Tgt Ion: 50 Resp: 411
Ion Ratio Lower Upper
50 100
52 27.0 27.4 41.0#

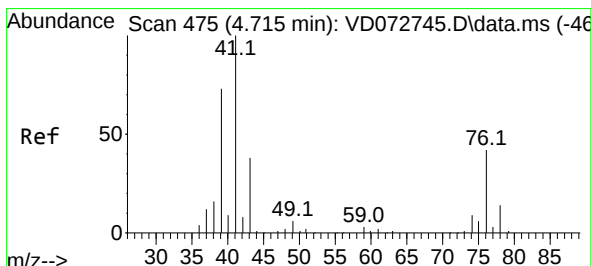
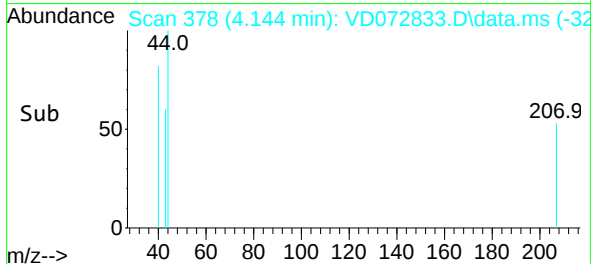
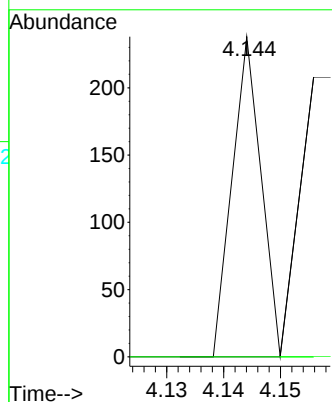
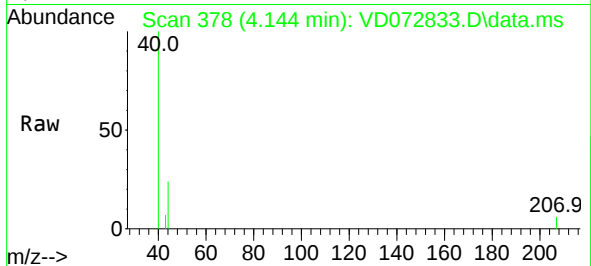




#16
Acetone
Concen: Below Cal
RT: 4.144 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

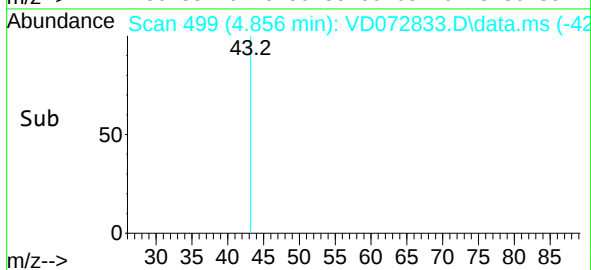
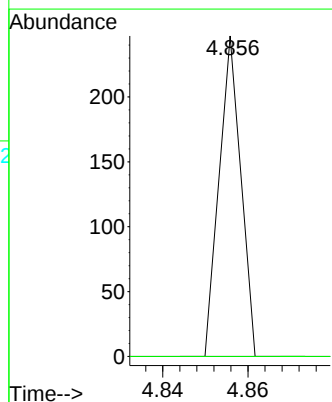
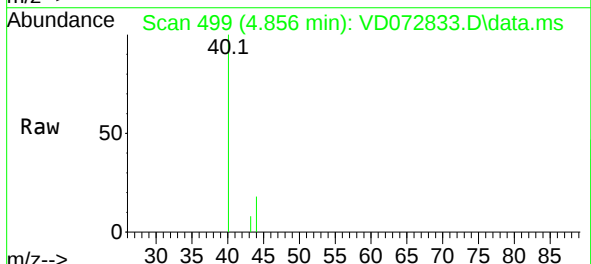
Instrument :
MSVOA_D
ClientSampleId :
B3-6-8

Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#18
Methyl Acetate
Concen: 1.457 ug/l
RT: 4.856 min Scan# 499
Delta R.T. 0.141 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

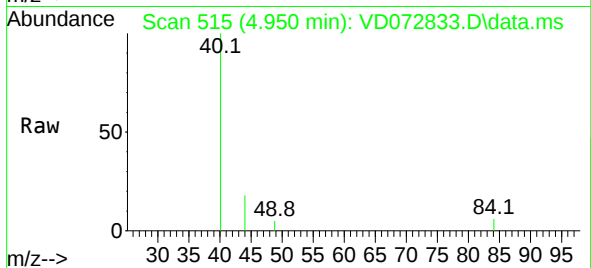
Tgt Ion: 43 Resp: 87
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



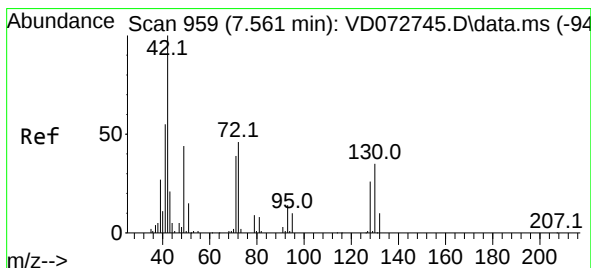
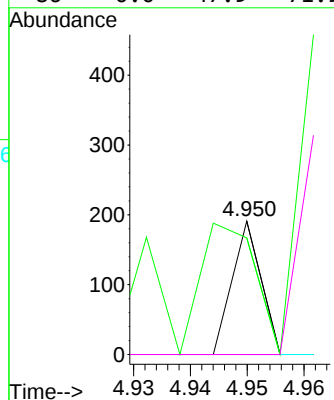


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

Instrument :
MSVOA_D
ClientSampleId :
B3-6-8

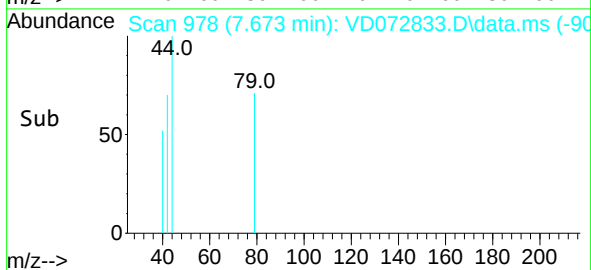
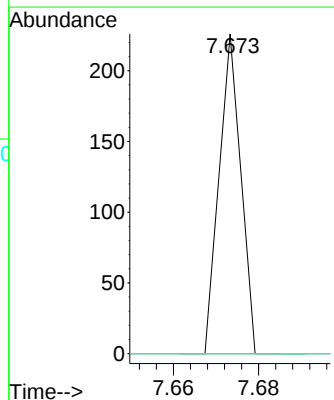
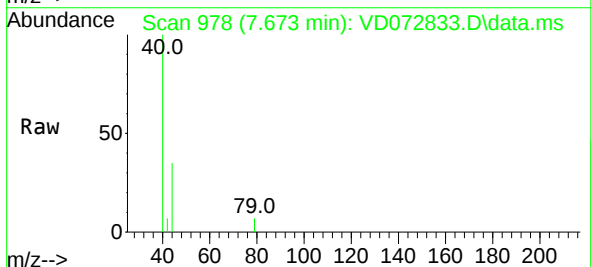


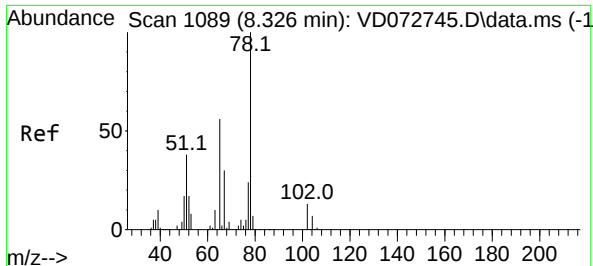
Tgt Ion: 84	Resp: 67
Ion Ratio	Lower Upper
84 100	
49 87.4	112.8 169.2#
51 0.0	32.6 48.8#
86 0.0	47.9 71.9#



#29
Tetrahydrofuran
Concen: 4.570 ug/l
RT: 7.673 min Scan# 978
Delta R.T. 0.112 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

Tgt Ion: 42	Resp: 80
Ion Ratio	Lower Upper
42 100	
72 0.0	30.7 46.1#
71 0.0	28.6 43.0#





#33

1,2-Dichloroethane-d4

Concen: 73.218 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072833.D

Acq: 06 May 2022 03:40

Instrument :

MSVOA_D

ClientSampleId :

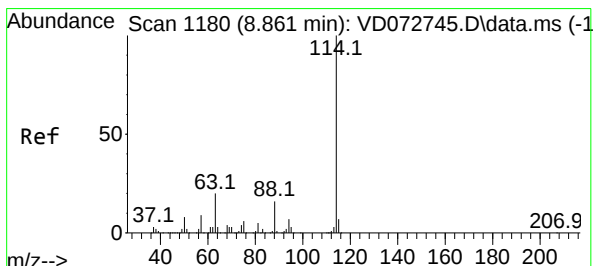
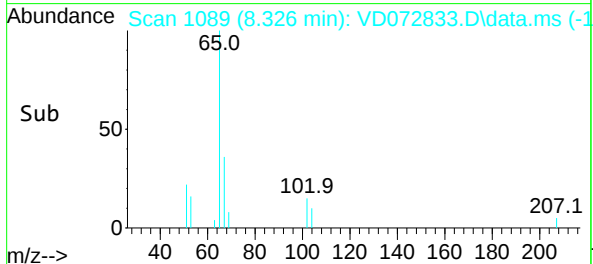
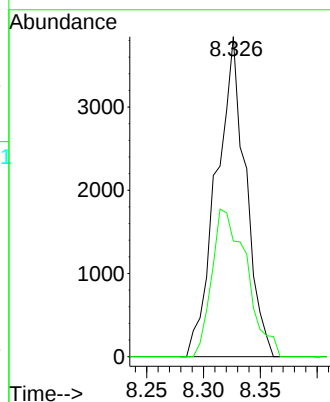
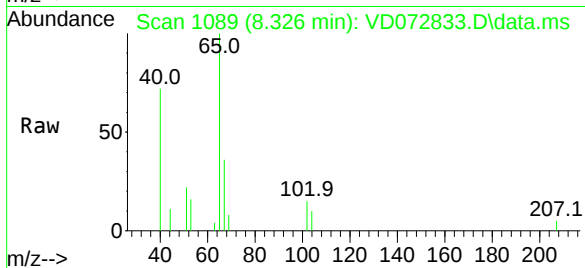
B3-6-8

Tgt Ion: 65 Resp: 6902

Ion Ratio Lower Upper

65 100

67 54.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD072833.D

Acq: 06 May 2022 03:40

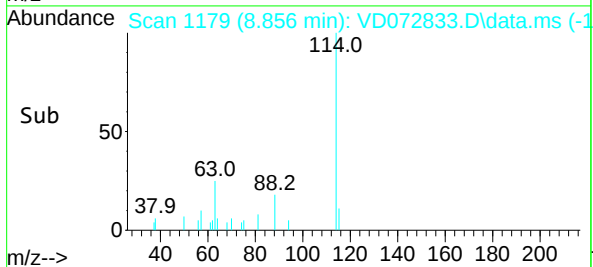
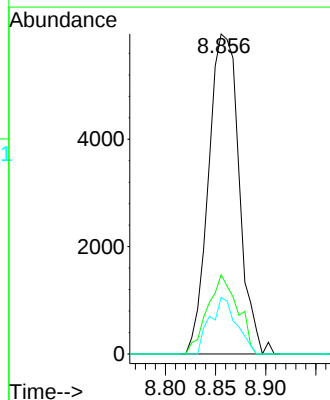
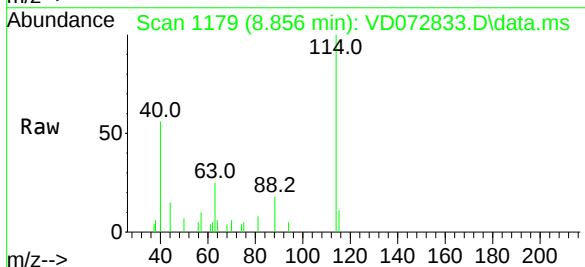
Tgt Ion: 114 Resp: 12606

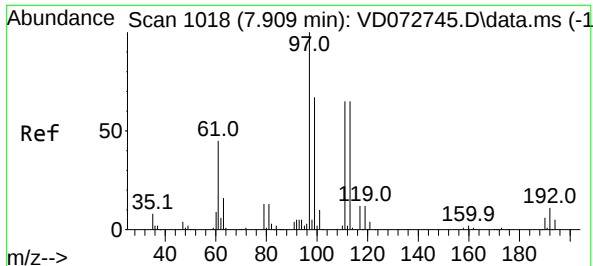
Ion Ratio Lower Upper

114 100

63 24.8 0.0 46.6

88 17.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 64.778 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072833.D

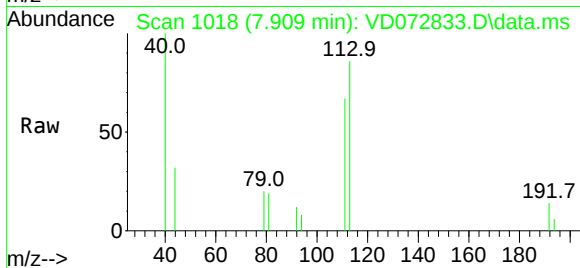
Acq: 06 May 2022 03:40

Instrument :

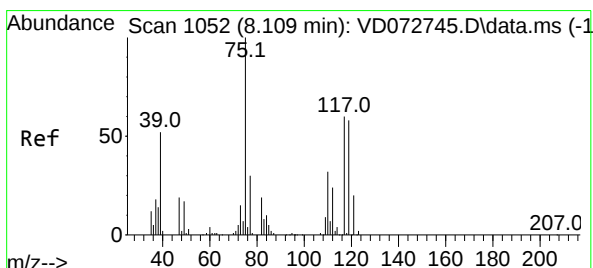
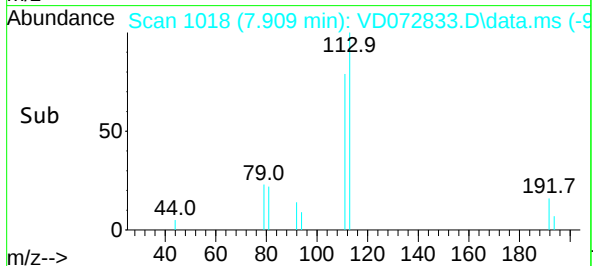
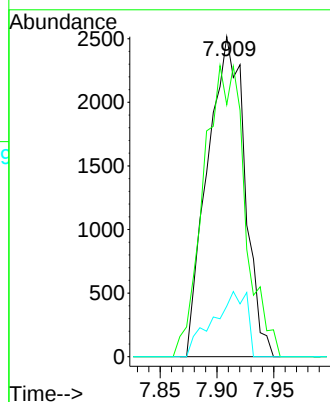
MSVOA_D

ClientSampleId :

B3-6-8



Tgt Ion:	113	Resp:	5735
Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.8	125.6
192	18.7	14.6	21.8



#36

1,1-Dichloropropene

Concen: 4.647 ug/l

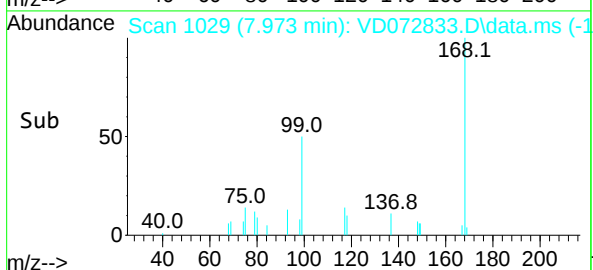
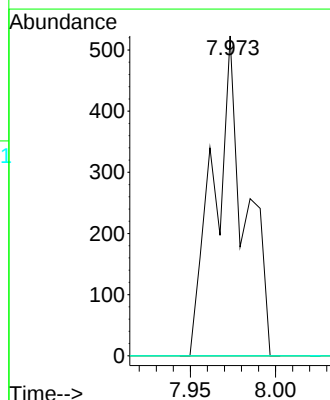
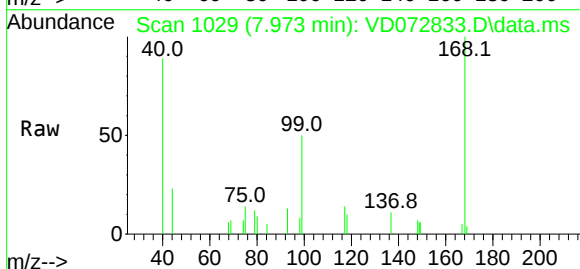
RT: 7.973 min Scan# 1029

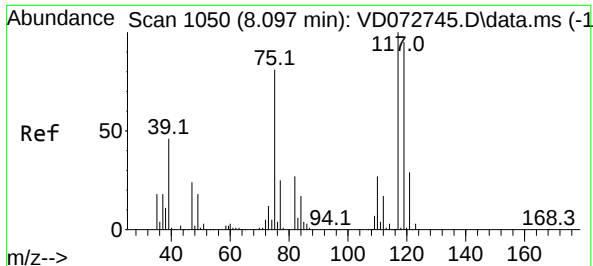
Delta R.T. -0.136 min

Lab File: VD072833.D

Acq: 06 May 2022 03:40

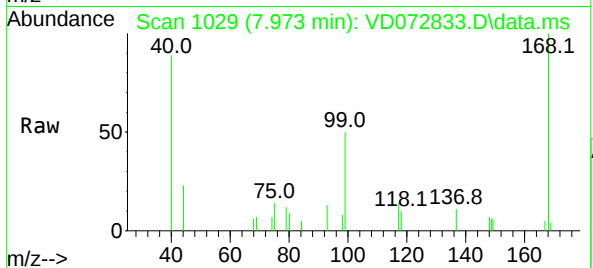
Tgt Ion:	75	Resp:	669
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.4	49.1#
77	0.0	24.2	36.2#



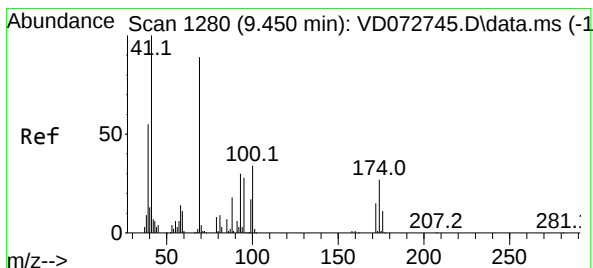
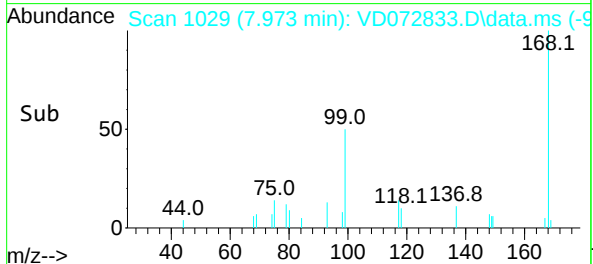
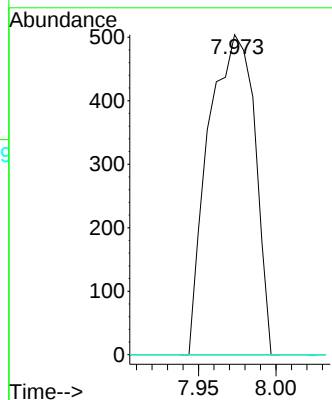


#38
Carbon Tetrachloride
Concen: 7.033 ug/l
RT: 7.973 min Scan# 1051
Delta R.T. -0.124 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

Instrument :
MSVOA_D
ClientSampleId :
B3-6-8

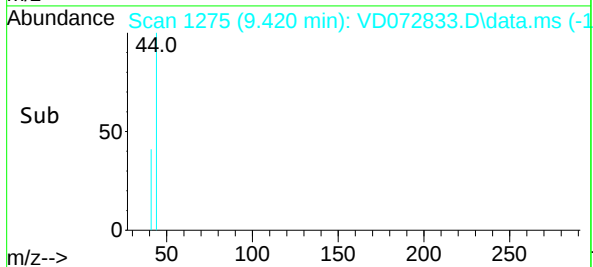
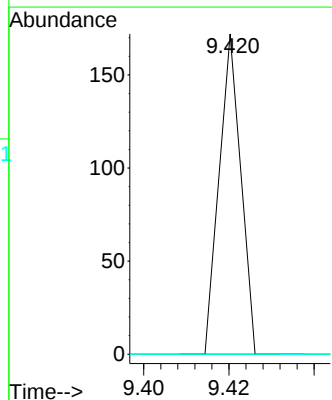
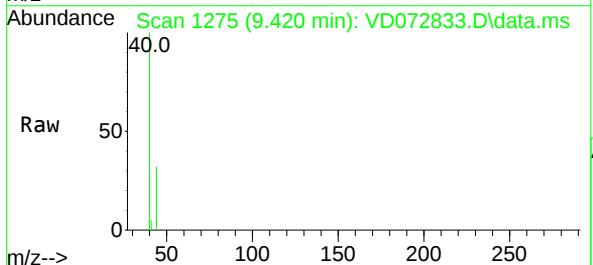


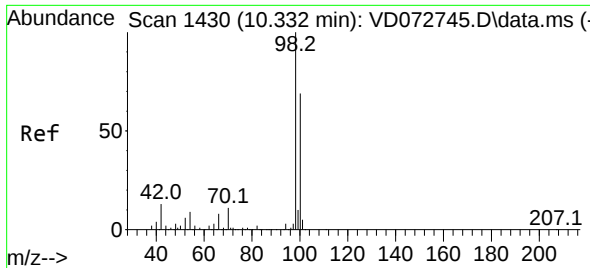
Tgt Ion:117 Resp: 1051
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 1.021 ug/l
RT: 9.420 min Scan# 1275
Delta R.T. -0.030 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

Tgt Ion: 41 Resp: 61
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.7 64.1#

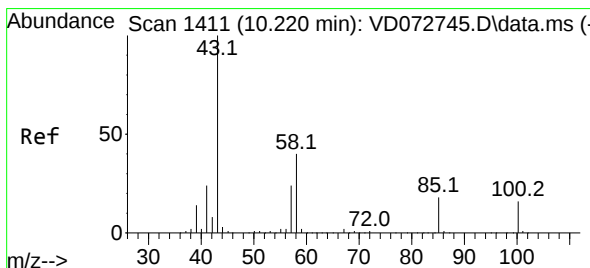
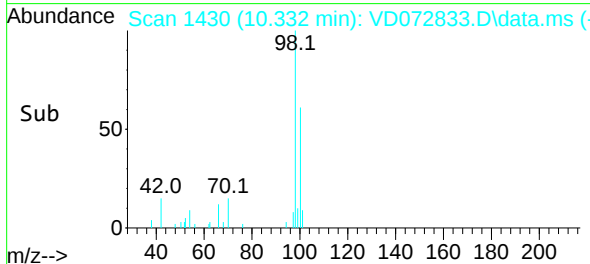
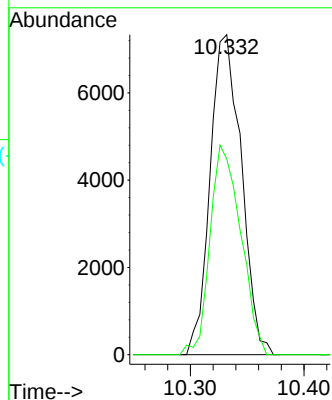
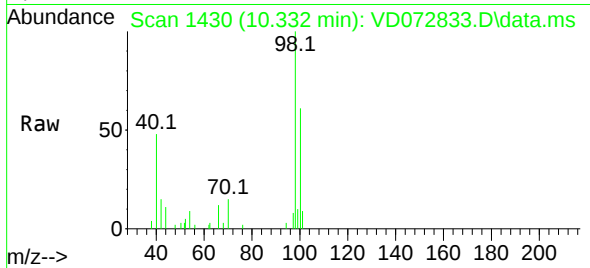




#50
Toluene-d8
Concen: 44.002 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

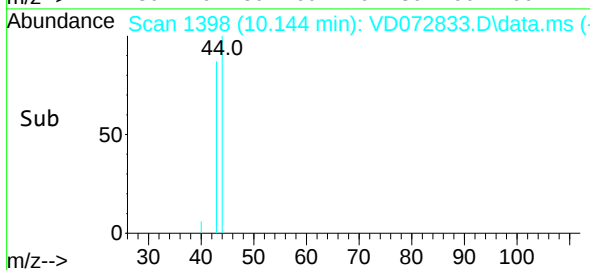
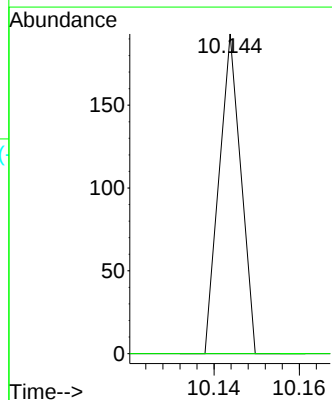
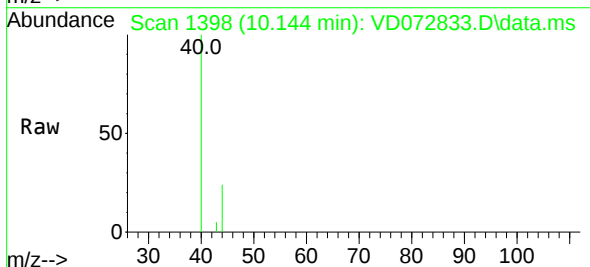
Instrument :
MSVOA_D
ClientSampleId :
B3-6-8

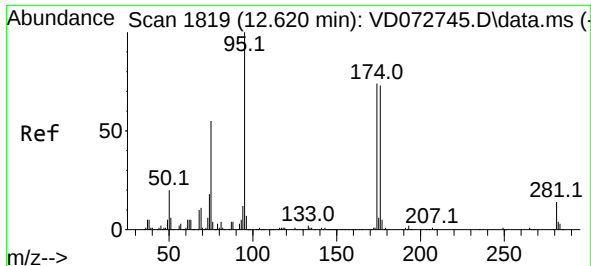
Tgt Ion: 98 Resp: 13974
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.071 ug/l
RT: 10.144 min Scan# 1398
Delta R.T. -0.076 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

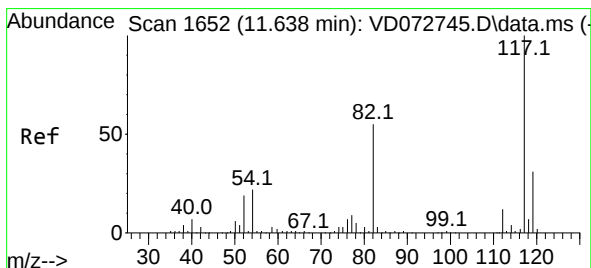
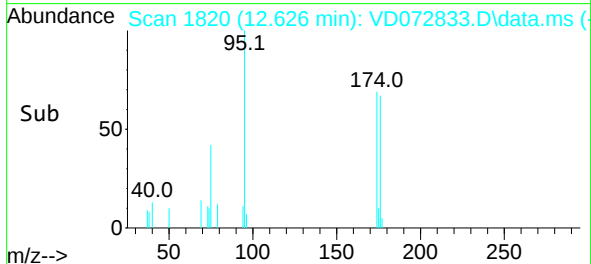
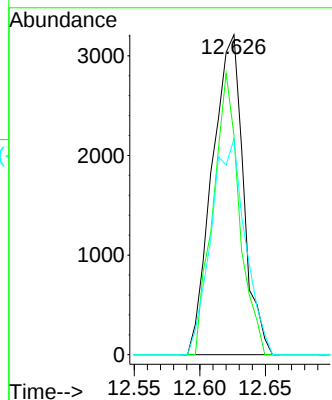
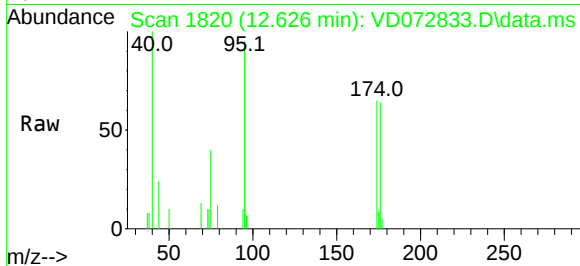




#62
4-Bromofluorobenzene
Concen: 44.909 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

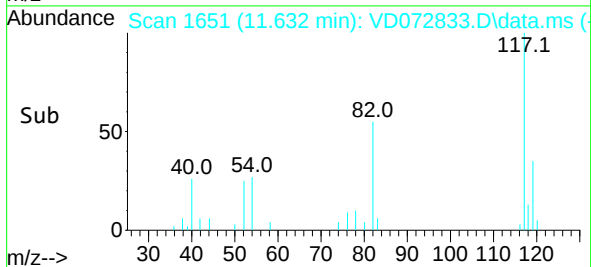
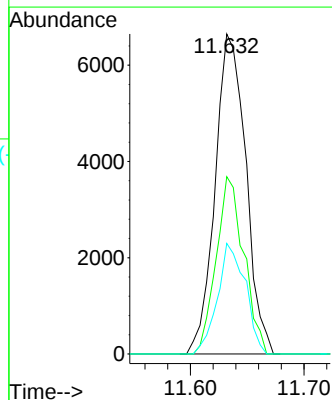
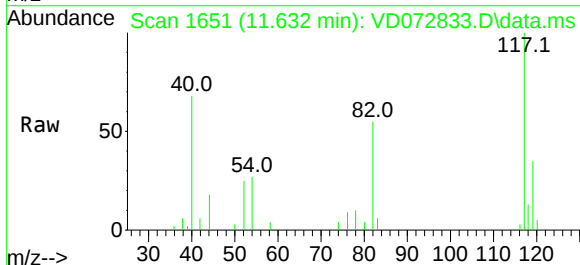
Instrument :
MSVOA_D
ClientSampleId :
B3-6-8

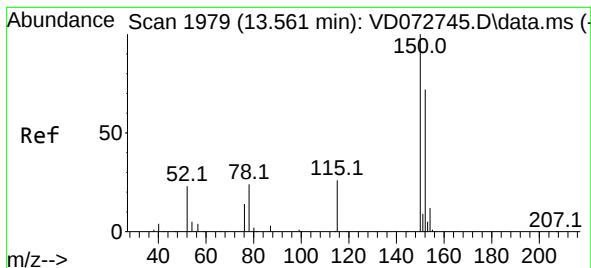
Tgt Ion:	95	Resp:	5318
Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	152.8
176	73.8	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

Tgt Ion:	117	Resp:	12485
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.3	67.9
119	34.5	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD072833.D

Acq: 06 May 2022 03:40

Instrument :

MSVOA_D

ClientSampleId :

B3-6-8

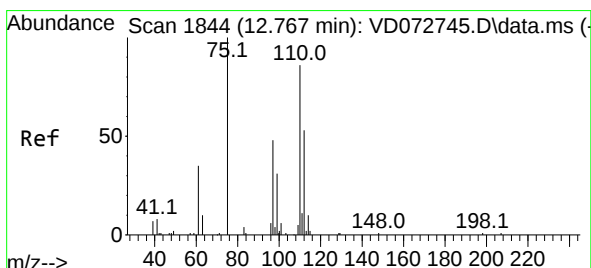
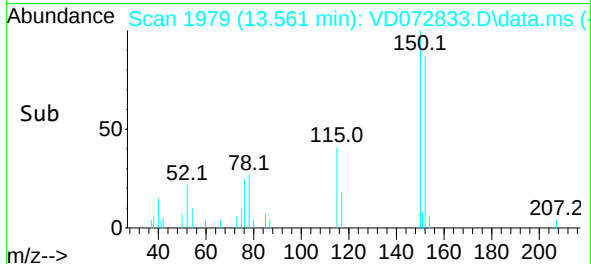
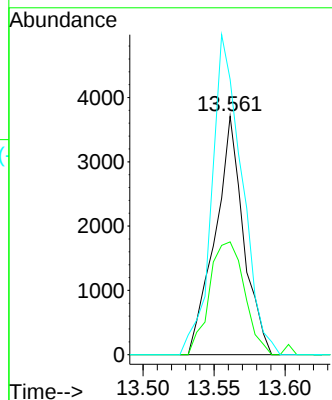
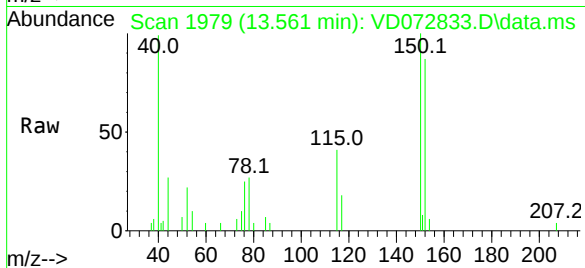
Tgt Ion:152 Resp: 5167

Ion Ratio Lower Upper

152 100

115 58.3 31.3 93.8

150 142.1 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 48.841 ug/l

RT: 12.614 min Scan# 1818

Delta R.T. -0.153 min

Lab File: VD072833.D

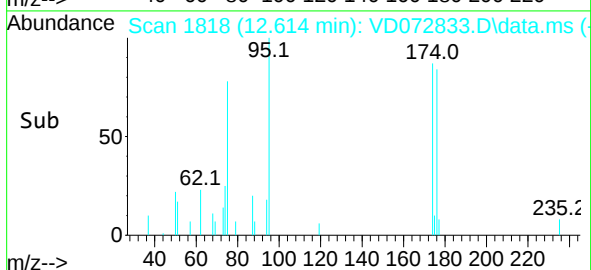
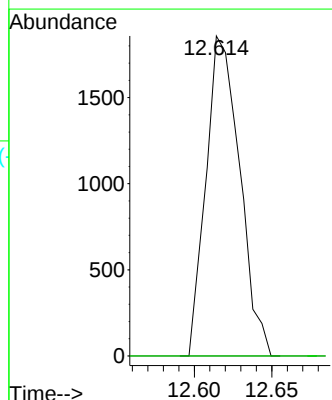
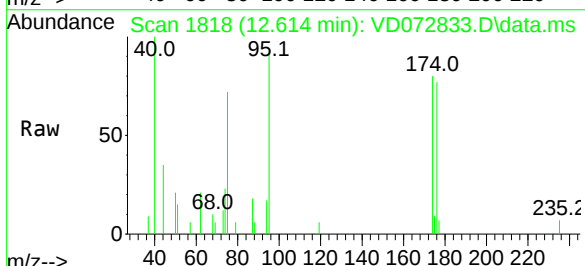
Acq: 06 May 2022 03:40

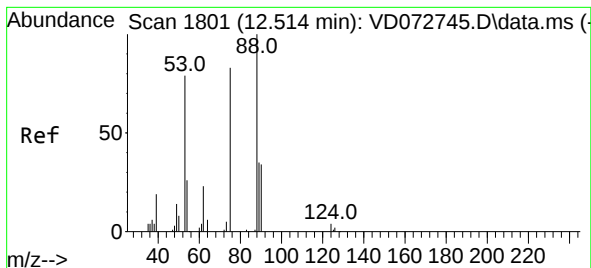
Tgt Ion: 75 Resp: 2814

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

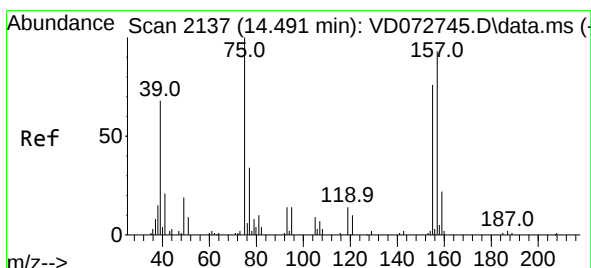
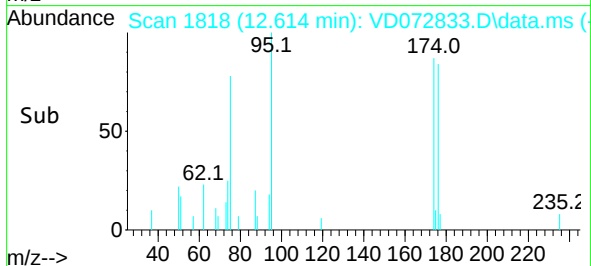
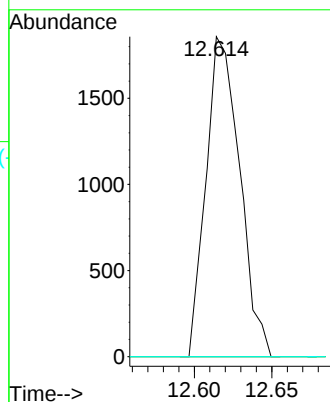
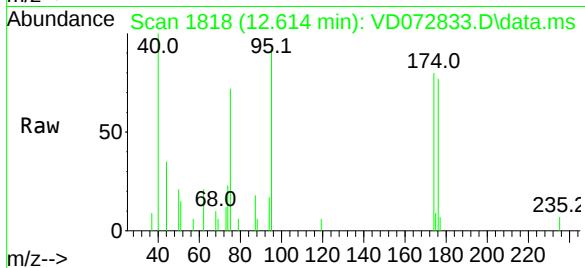




#81
trans-1,4-Dichloro-2-butene
Concen: 112.315 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

Instrument :
MSVOA_D
ClientSampleId :
B3-6-8

Tgt Ion: 75 Resp: 2814
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.353 ug/l
RT: 14.579 min Scan# 2152
Delta R.T. 0.088 min
Lab File: VD072833.D
Acq: 06 May 2022 03:40

Tgt Ion: 75 Resp: 56
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#

