

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072057.D
 Acq On : 22 Feb 2022 15:07
 Operator : VA/SY
 Sample : N1626-05RE
 Misc : 6.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 23 05:30:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	546956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	950986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	905937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	405244	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	284750	50.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.380%
35) Dibromofluoromethane	7.909	113	146728	25.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	50.940%#
50) Toluene-d8	10.332	98	1174509	54.969	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.940%
62) 4-Bromofluorobenzene	12.620	95	425403	54.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.400%

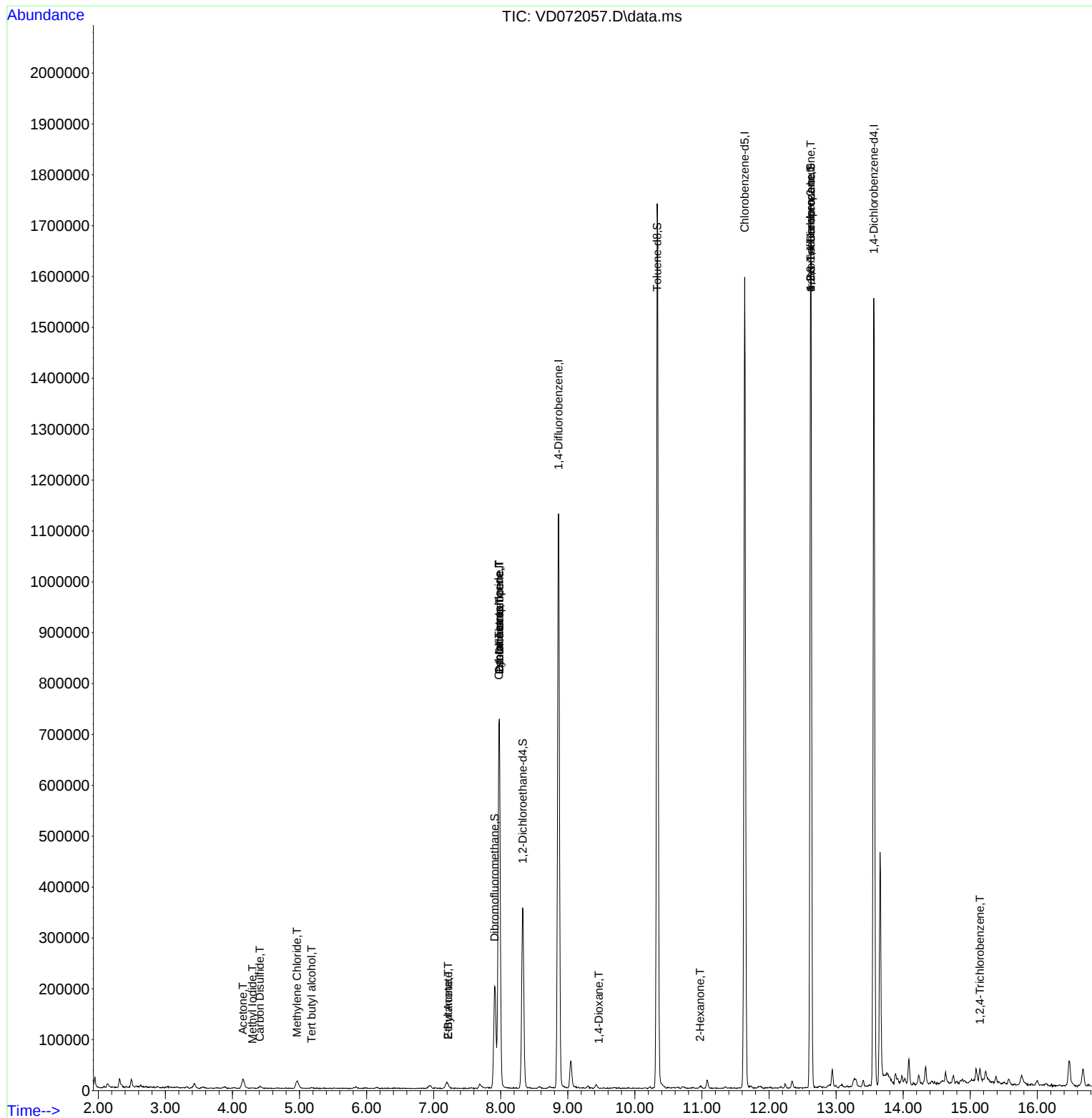
Target Compounds					Qvalue
5) Bromomethane	2.773	94	723	Below Cal	# 2
10) Methyl Iodide	4.297	142	962	3.070	ug/l # 56
11) Tert butyl alcohol	5.179	59	829	2.561	ug/l # 80
16) Acetone	4.156	43	32438	26.455	ug/l 99
17) Carbon Disulfide	4.409	76	7241	1.175	ug/l 96
18) Methyl Acetate	4.715	43	58	Below Cal	# 52
20) Methylene Chloride	4.962	84	11099	1.819	ug/l # 83
25) 2-Butanone	7.214	43	10467	6.176	ug/l 97
31) Cyclohexane	7.979	56	12628	1.260	ug/l # 19
36) 1,1-Dichloropropene	7.979	75	44427	5.090	ug/l # 49
37) Ethyl Acetate	7.214	43	10467	2.586	ug/l # 72
38) Carbon Tetrachloride	7.973	117	54986	6.147	ug/l # 15
49) 1,4-Dioxane	9.461	88	79	1.921	ug/l # 20
59) 2-Hexanone	10.973	43	3740	1.373	ug/l 74
76) 1,2,3-Trichloropropane	12.620	75	225258	58.683	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.620	75	225258	146.955	ug/l # 10
93) 1,2,4-Trichlorobenzene	15.143	180	8536	1.203	ug/l 97

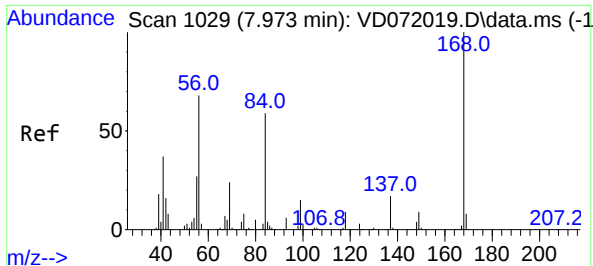
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 23 05:30:57 2022
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Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

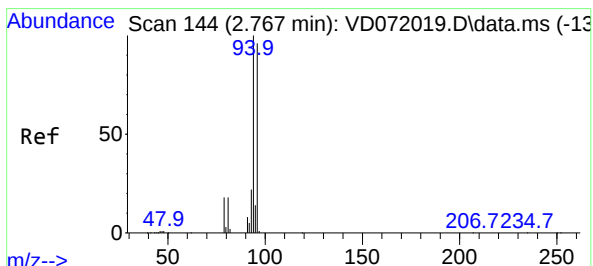
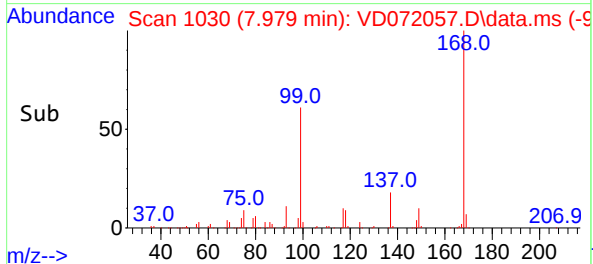
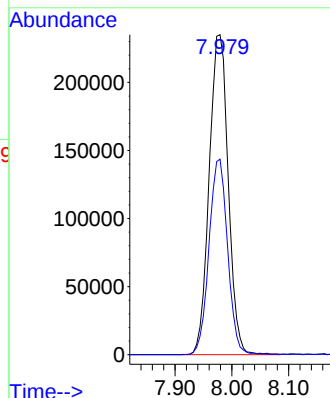
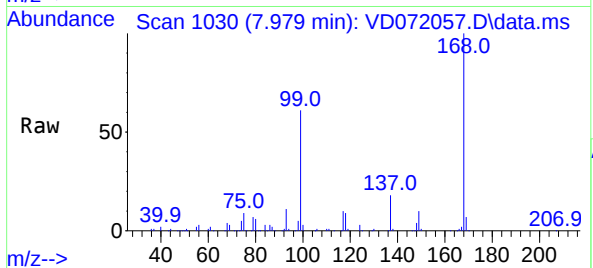




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

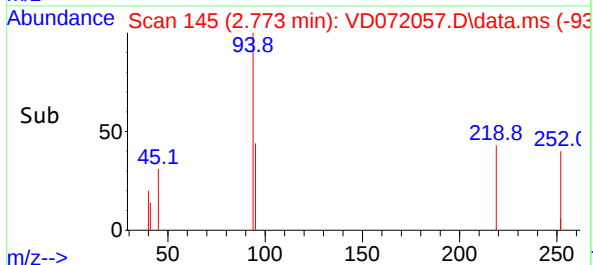
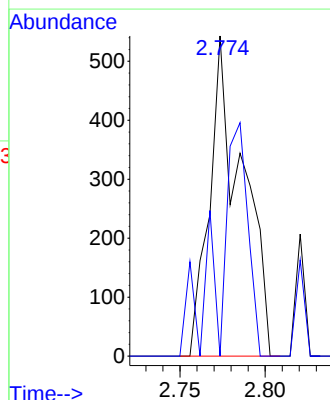
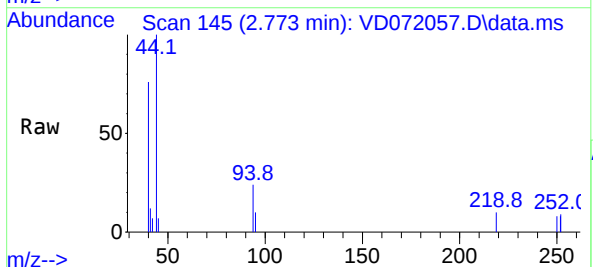
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MSVOA_D
ClientSampleId :

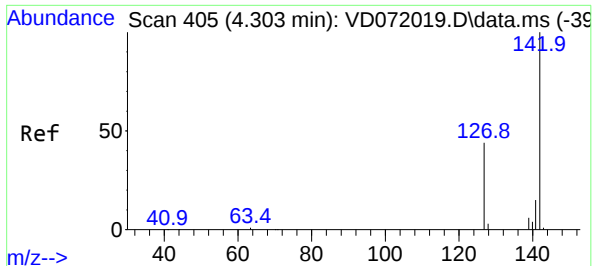
Tgt Ion:168 Resp: 546956
Ion Ratio Lower Upper
168 100
99 61.1 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

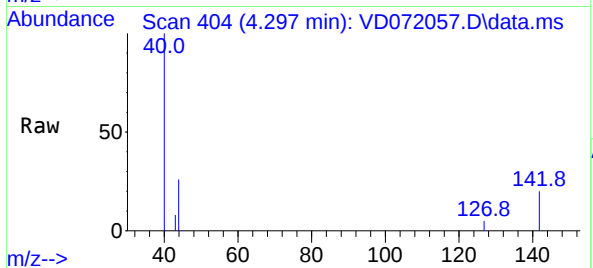
Tgt Ion: 94 Resp: 723
Ion Ratio Lower Upper
94 100
96 0.0 76.8 115.2#



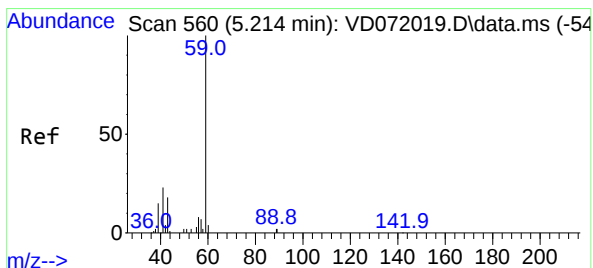
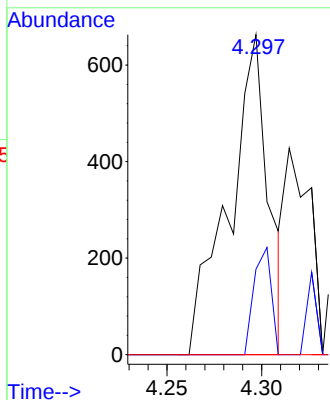
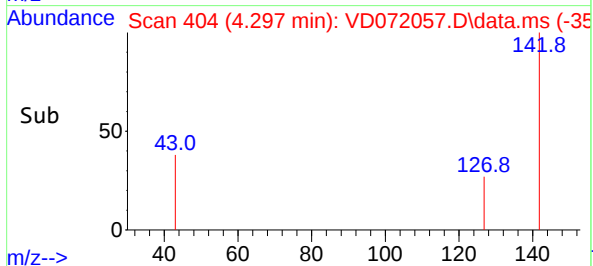


#10
Methyl Iodide
Concen: 3.070 ug/l
RT: 4.297 min Scan# 40
Delta R.T. -0.006 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

Instrument :
MSVOA_D
ClientSampleId :

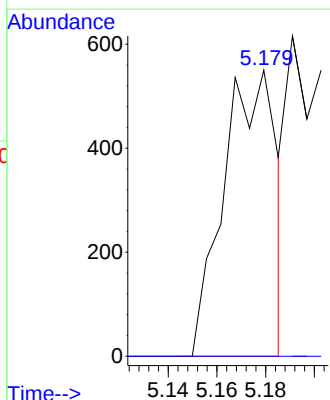
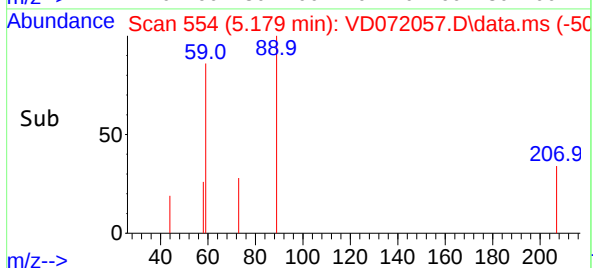
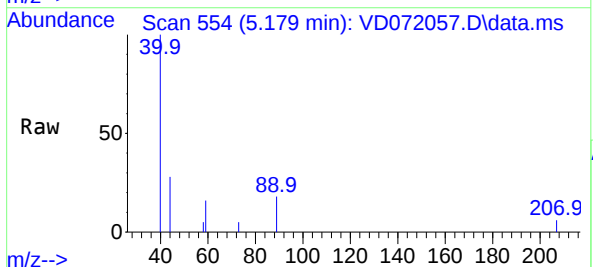


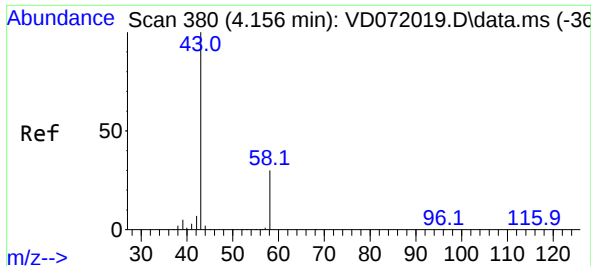
Tgt Ion:142 Resp: 962
Ion Ratio Lower Upper
142 100
127 14.7 35.8 53.8#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 2.561 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.035 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

Tgt Ion: 59 Resp: 829
Ion Ratio Lower Upper
59 100
57 0.0 5.4 8.2#

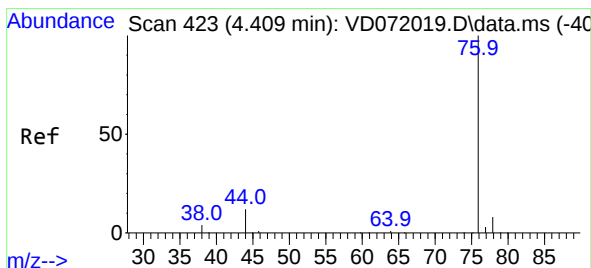
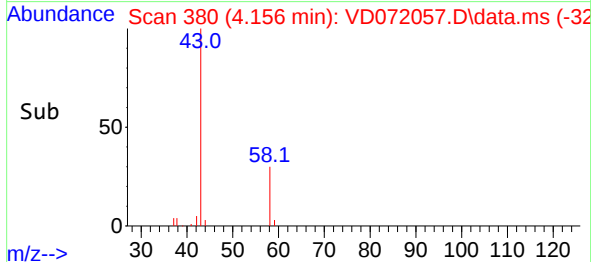
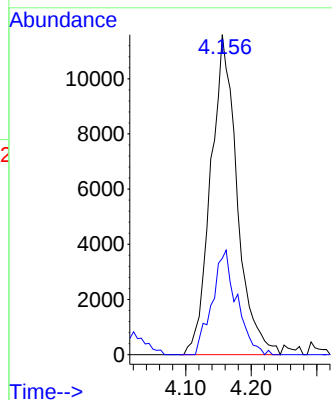
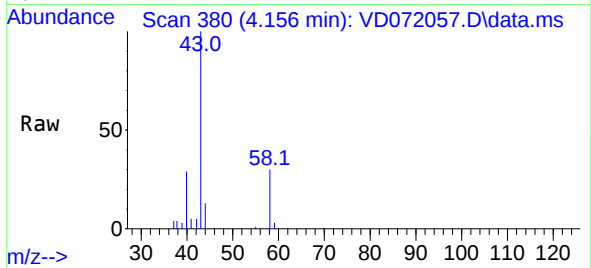




#16
Acetone
Concen: 26.455 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

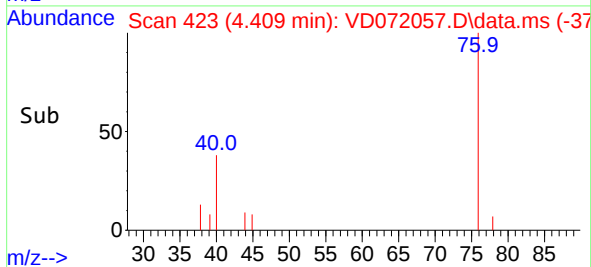
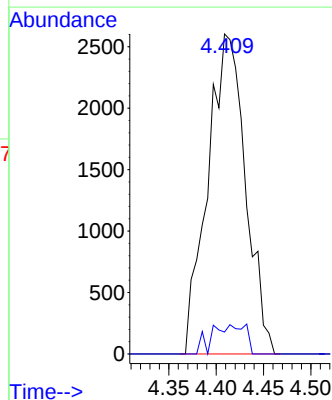
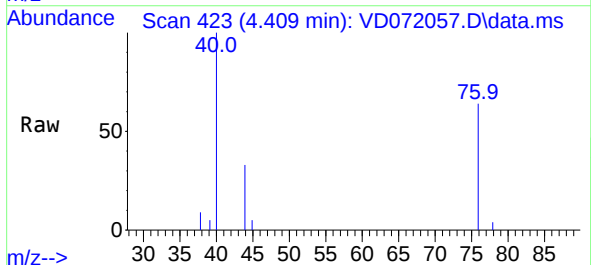
Instrument :
MSVOA_D
ClientSampleId :

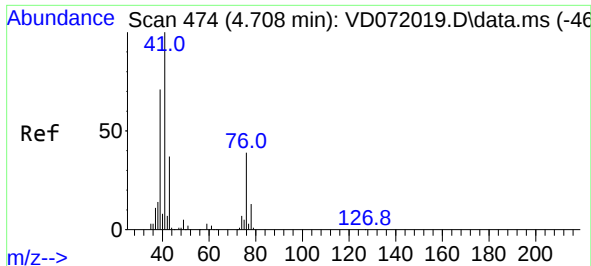
Tgt Ion: 43 Resp: 32438
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6



#17
Carbon Disulfide
Concen: 1.175 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

Tgt Ion: 76 Resp: 7241
Ion Ratio Lower Upper
76 100
78 6.9 6.7 10.1

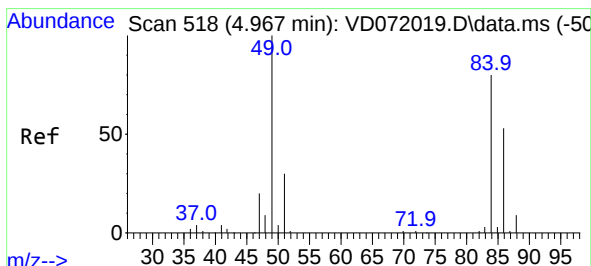
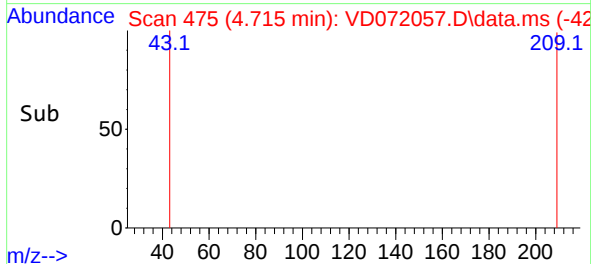
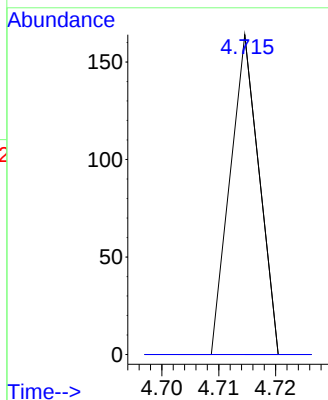
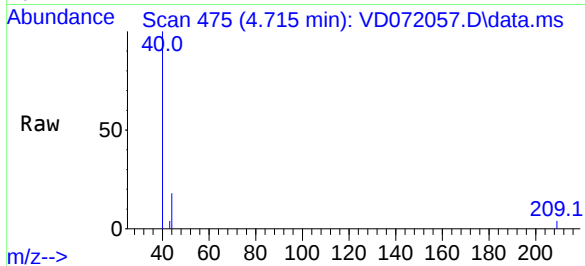




#18
Methyl Acetate
Concen: Below Cal
RT: 4.715 min Scan# 41
Delta R.T. 0.007 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

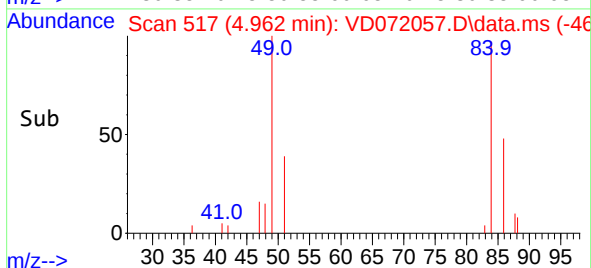
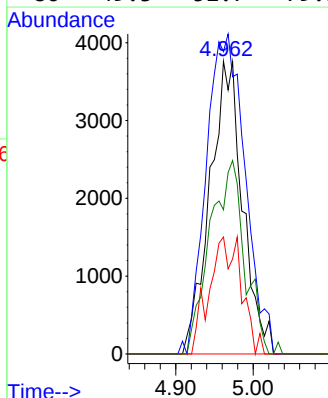
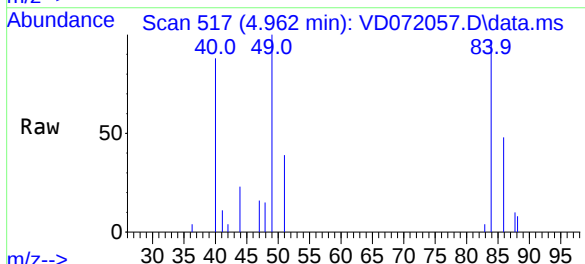
Instrument :
MSVOA_D
ClientSampleId :

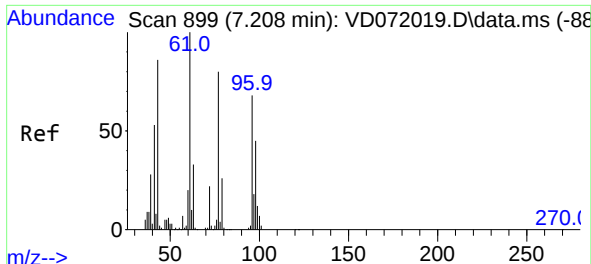
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 1.819 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

Tgt Ion: 84 Resp: 11099
Ion Ratio Lower Upper
84 100
49 103.3 100.0 150.0
51 40.0 30.2 45.4
86 49.3 52.7 79.1#





#25

2-Butanone

Concen: 6.176 ug/l

RT: 7.214 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD072057.D

Acq: 22 Feb 2022 15:07

Instrument :

MSVOA_D

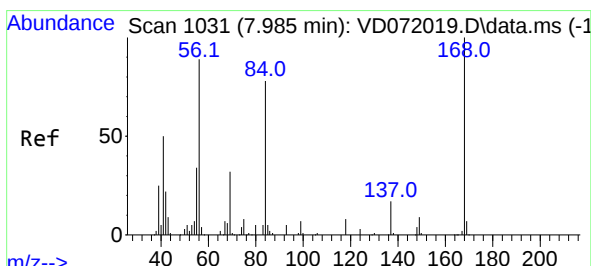
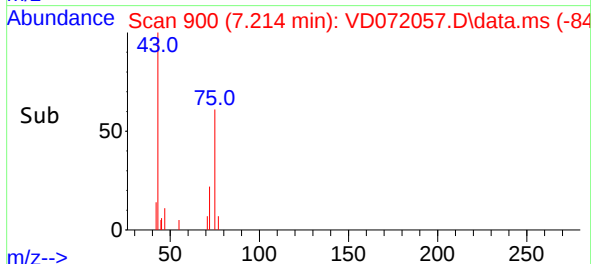
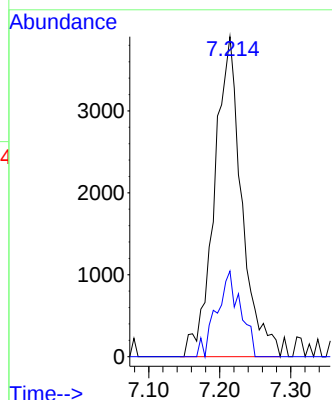
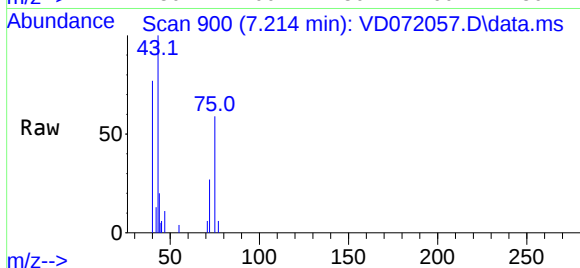
ClientSampleId :

Tgt Ion: 43 Resp: 10467

Ion Ratio Lower Upper

43 100

72 26.8 20.3 30.5



#31

Cyclohexane

Concen: 1.260 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072057.D

Acq: 22 Feb 2022 15:07

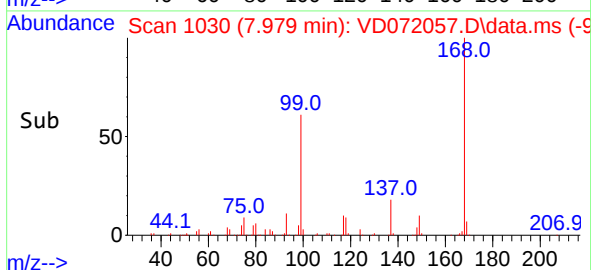
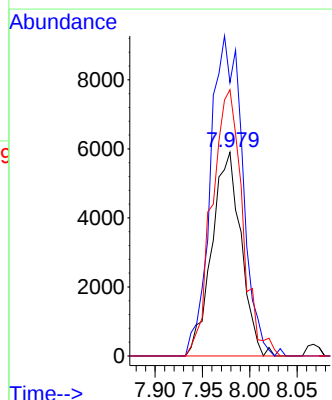
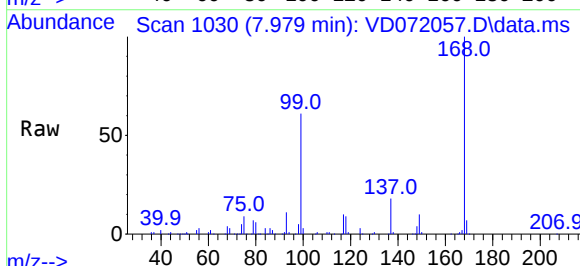
Tgt Ion: 56 Resp: 12628

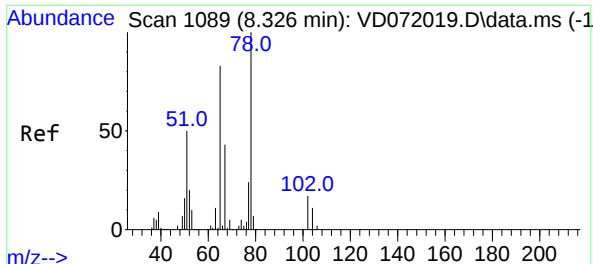
Ion Ratio Lower Upper

56 100

69 134.2 28.9 43.3#

84 130.7 70.6 105.8#

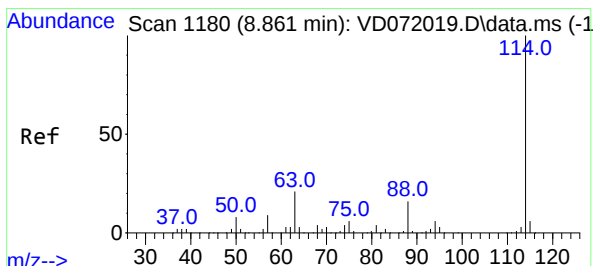
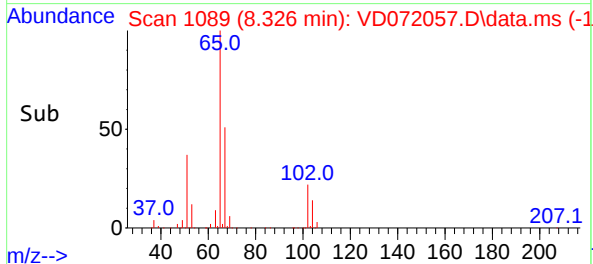
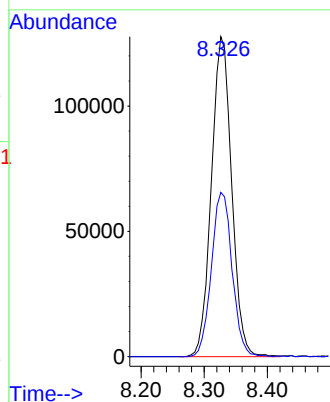
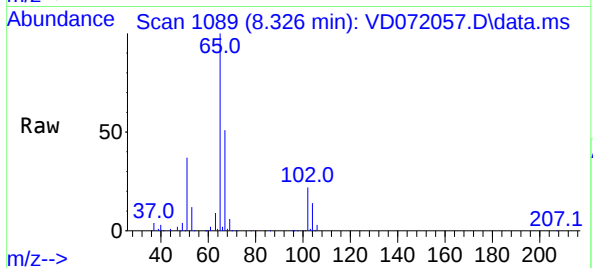




#33
1,2-Dichloroethane-d4
Concen: 50.189 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

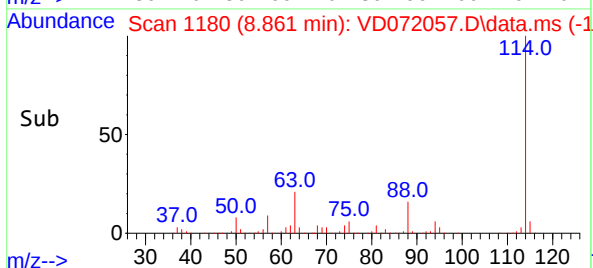
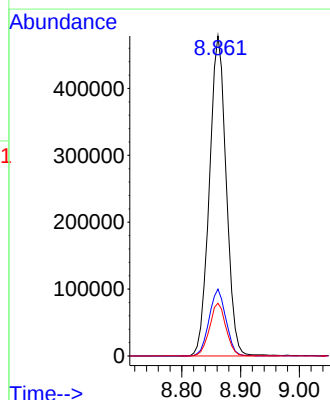
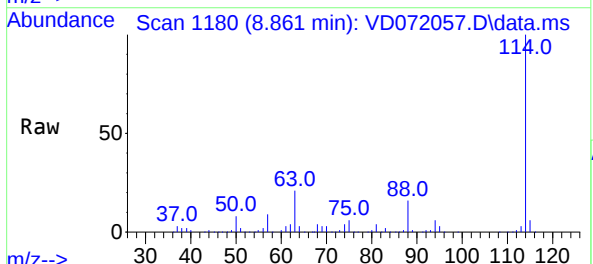
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MSVOA_D
ClientSampleId :

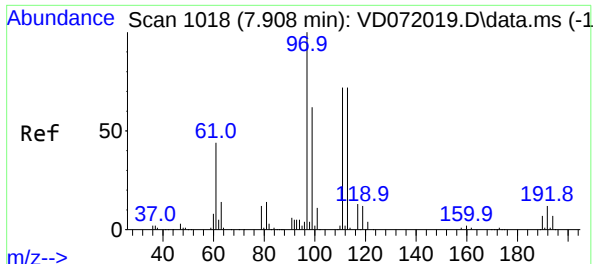
Tgt Ion: 65 Resp: 284750
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

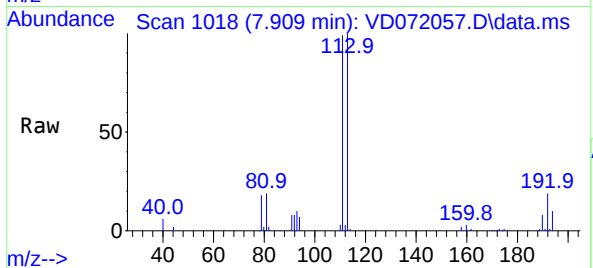
Tgt Ion: 114 Resp: 950986
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.2
88 16.5 0.0 31.2



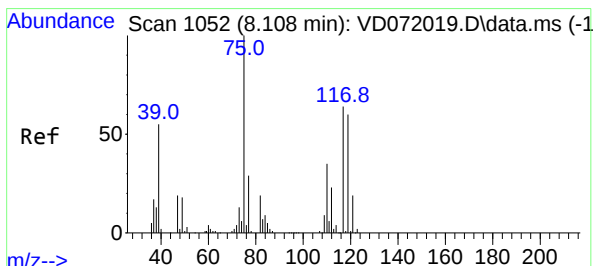
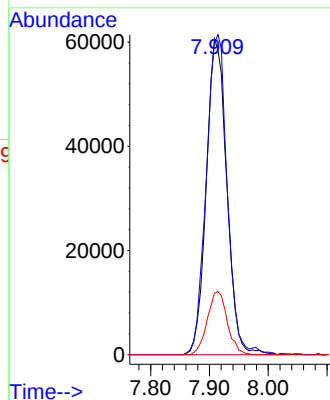
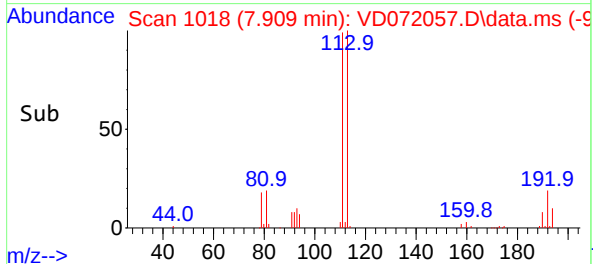


#35
Dibromofluoromethane
Concen: 25.466 ug/l
RT: 7.909 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

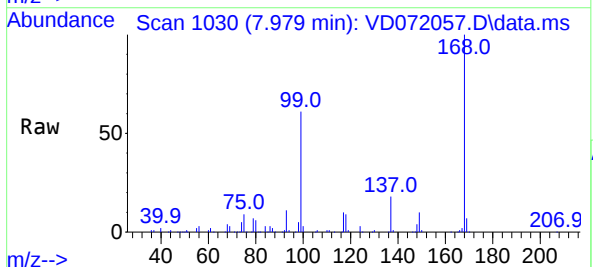
Instrument :
MSVOA_D
ClientSampleId :



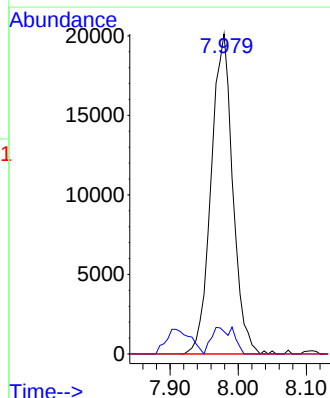
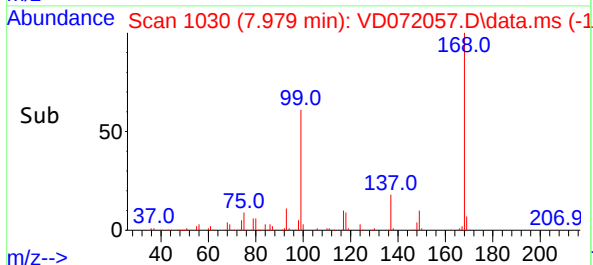
Tgt Ion:113 Resp: 146728
Ion Ratio Lower Upper
113 100
111 104.1 83.0 124.4
192 19.5 15.3 22.9

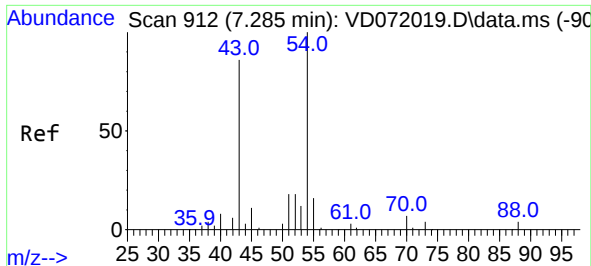


#36
1,1-Dichloropropene
Concen: 5.090 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07



Tgt Ion: 75 Resp: 44427
Ion Ratio Lower Upper
75 100
110 8.5 17.7 53.1#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 2.586 ug/l

RT: 7.214 min Scan# 90

Delta R.T. -0.070 min

Lab File: VD072057.D

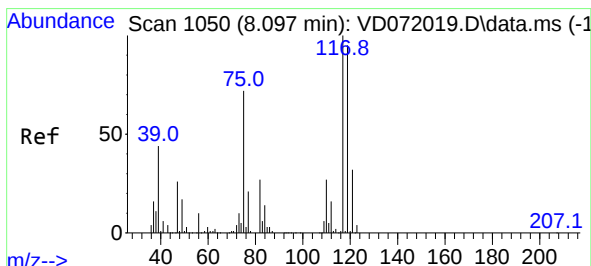
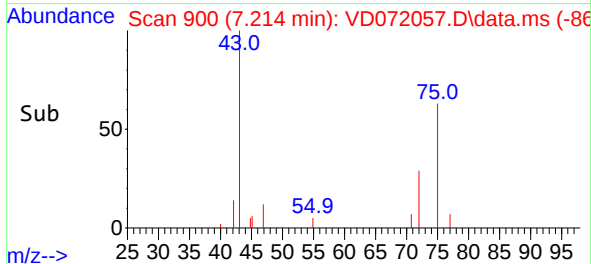
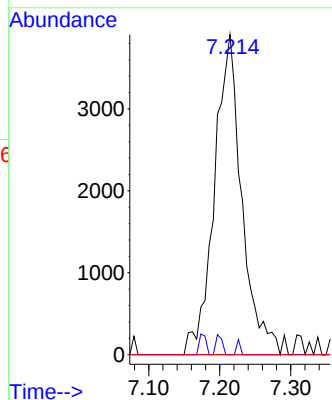
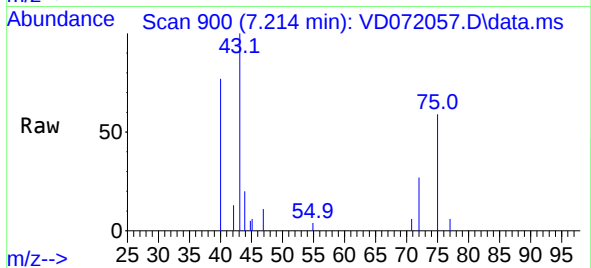
Acq: 22 Feb 2022 15:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 10467
Ion Ratio	Lower Upper
43 100	
61 0.6	9.8 14.8#
70 0.0	7.4 11.2#



#38

Carbon Tetrachloride

Concen: 6.147 ug/l

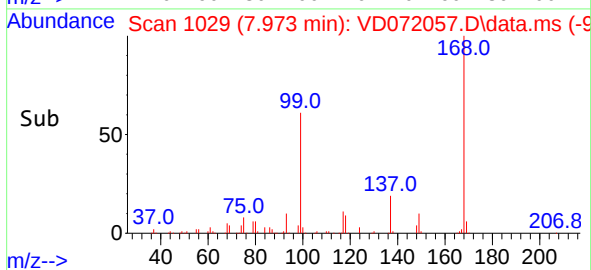
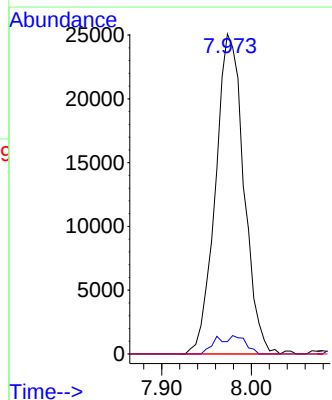
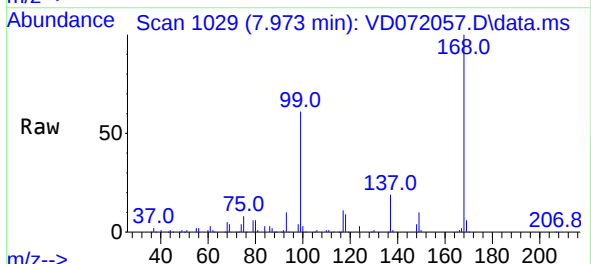
RT: 7.973 min Scan# 1029

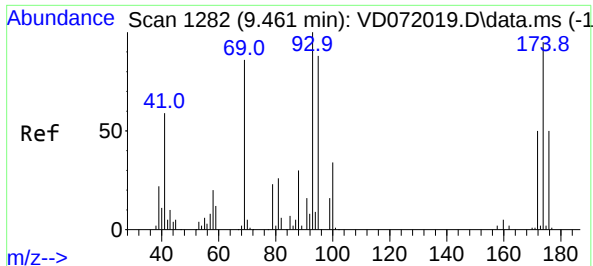
Delta R.T. -0.123 min

Lab File: VD072057.D

Acq: 22 Feb 2022 15:07

Tgt Ion: 117	Resp: 54986
Ion Ratio	Lower Upper
117 100	
119 3.8	75.8 113.8#
121 0.0	25.8 38.6#





#49

1,4-Dioxane

Concen: 1.921 ug/l

RT: 9.461 min Scan# 11

Delta R.T. 0.000 min

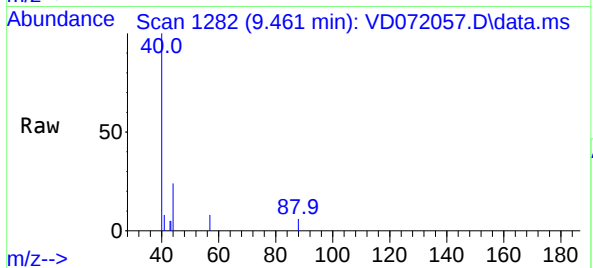
Lab File: VD072057.D

Acq: 22 Feb 2022 15:07

Instrument :

MSVOA_D

ClientSampleId :



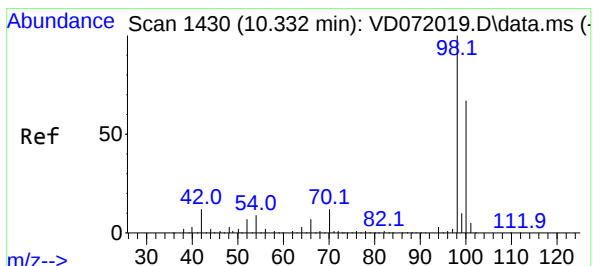
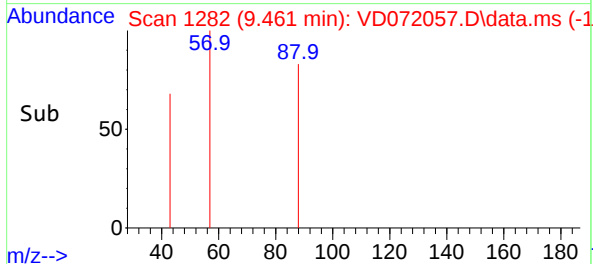
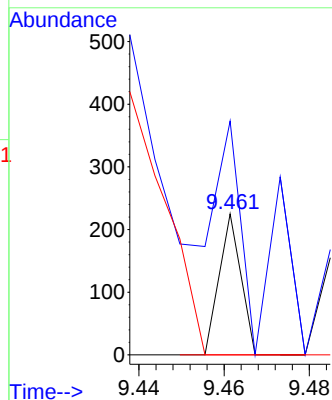
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

43 0.0 29.9 44.9#

58 0.0 61.0 91.4#



#50

Toluene-d8

Concen: 54.969 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD072057.D

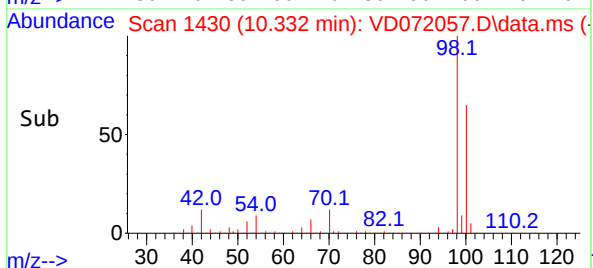
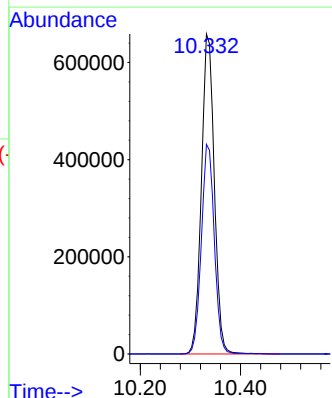
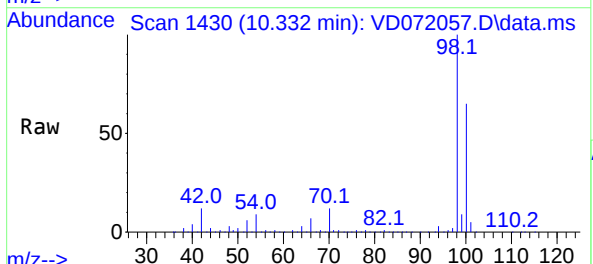
Acq: 22 Feb 2022 15:07

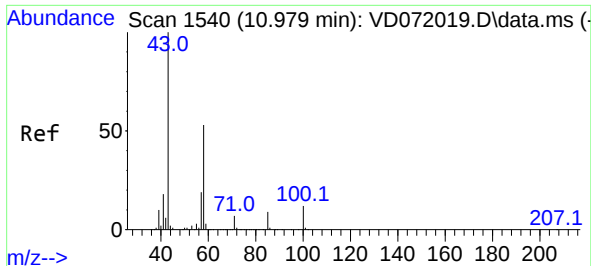
Tgt Ion: 98 Resp: 1174509

Ion Ratio Lower Upper

98 100

100 66.0 53.8 80.6

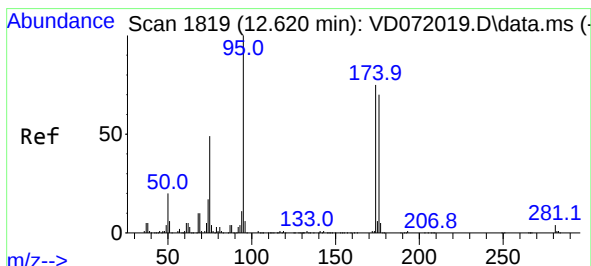
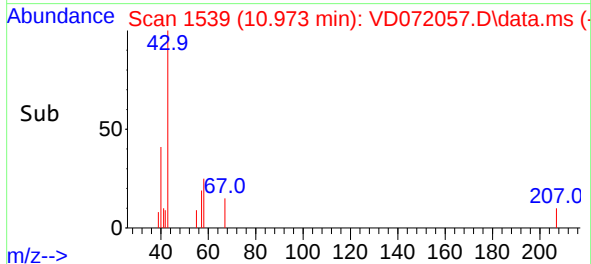
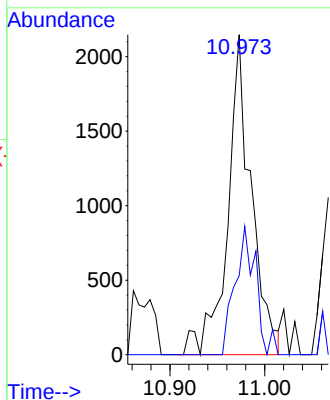
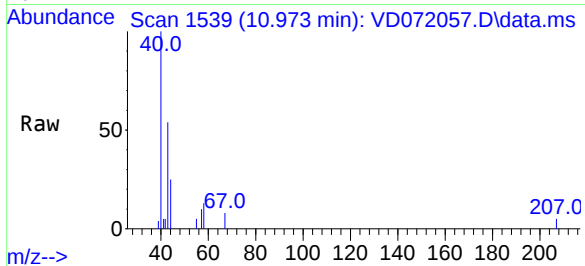




#59
2-Hexanone
Concen: 1.373 ug/l
RT: 10.973 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

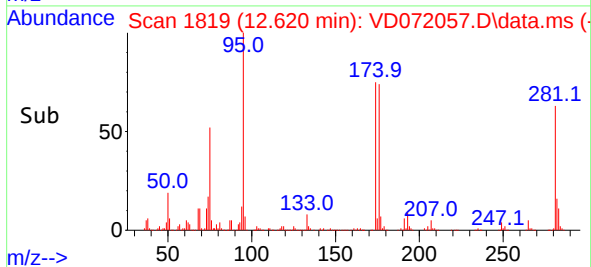
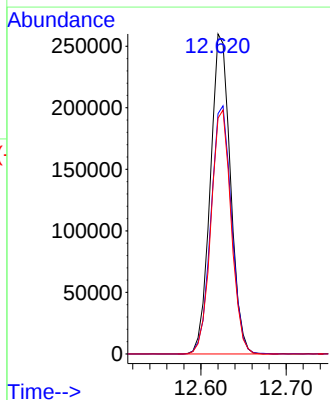
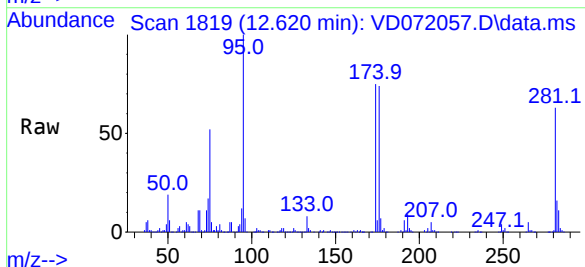
Instrument :
MSVOA_D
ClientSampleId :

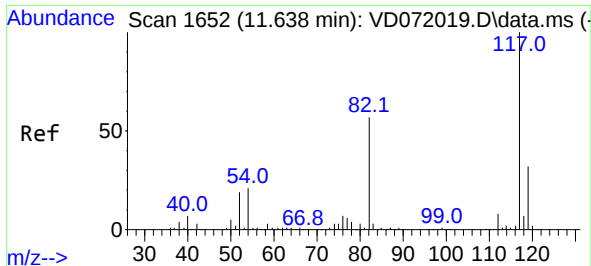
Tgt Ion: 43 Resp: 3740
Ion Ratio Lower Upper
43 100
58 35.2 27.0 80.8



#62
4-Bromofluorobenzene
Concen: 54.201 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

Tgt Ion: 95 Resp: 425403
Ion Ratio Lower Upper
95 100
174 79.4 0.0 155.0
176 76.4 0.0 148.8

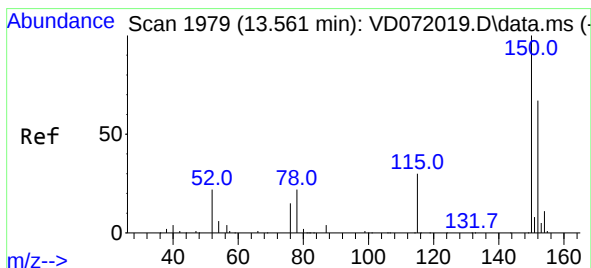
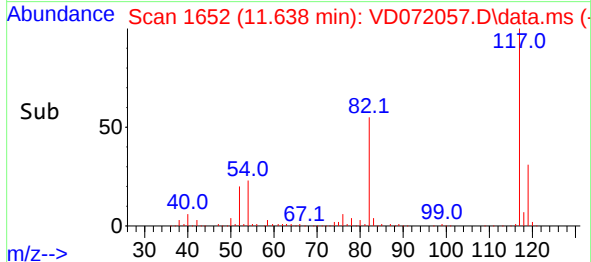
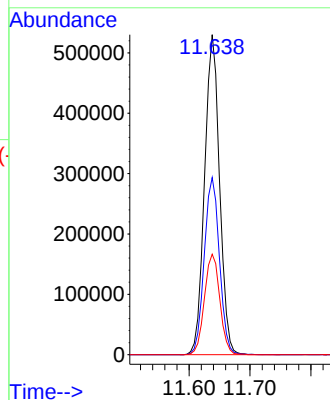
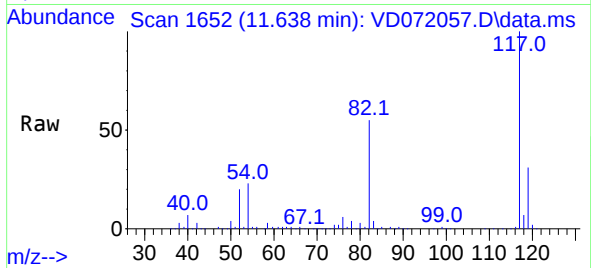




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

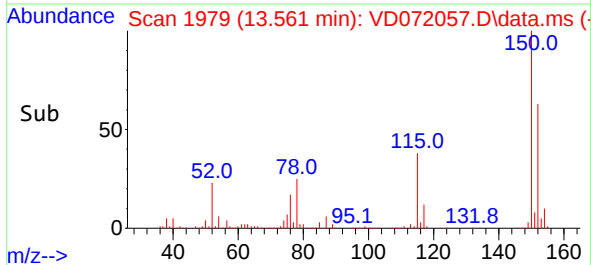
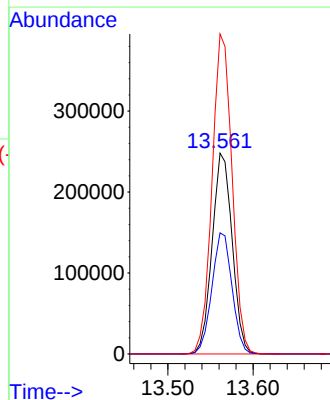
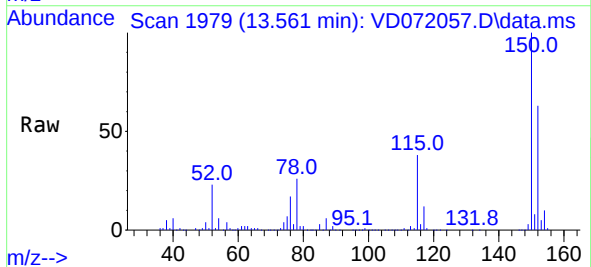
Instrument :
MSVOA_D
ClientSampleId :

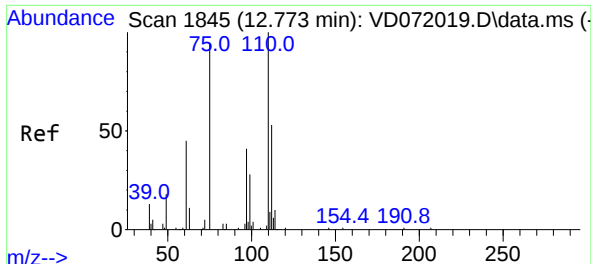
Tgt Ion:117 Resp: 905937
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.0
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

Tgt Ion:152 Resp: 405244
Ion Ratio Lower Upper
152 100
115 60.6 29.9 89.7
150 158.8 0.0 347.6

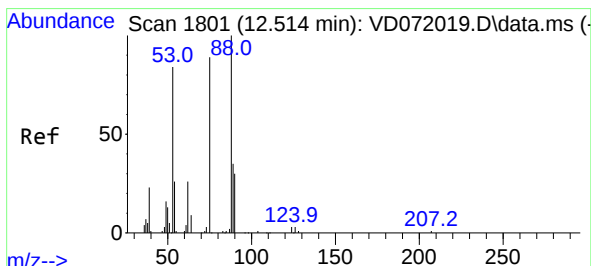
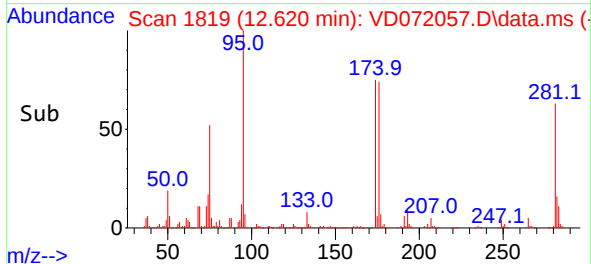
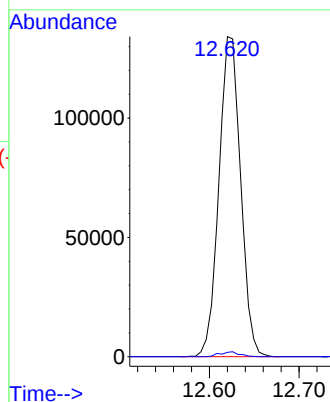
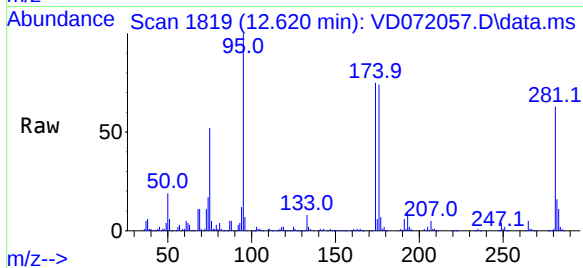




#76
1,2,3-Trichloropropane
Concen: 58.683 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

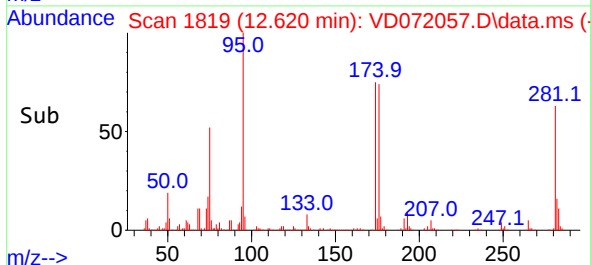
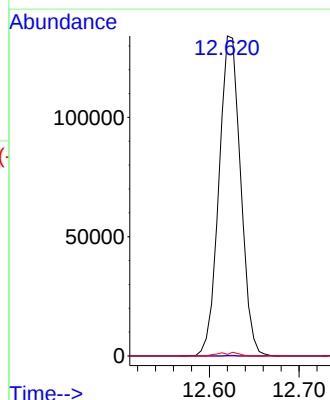
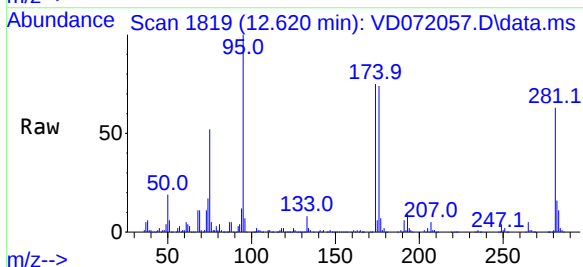
Instrument :
MSVOA_D
ClientSampleId :

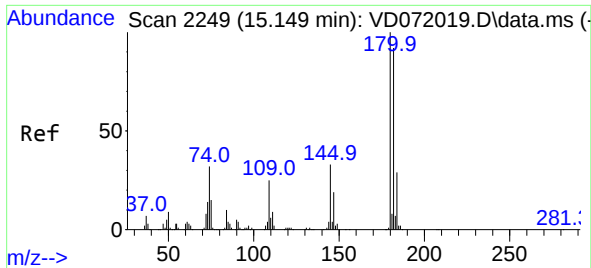
Tgt Ion: 75 Resp: 225258
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 146.955 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

Tgt Ion: 75 Resp: 225258
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 0.5 36.4 54.6#





#93

1,2,4-Trichlorobenzene

Concen: 1.203 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.006 min

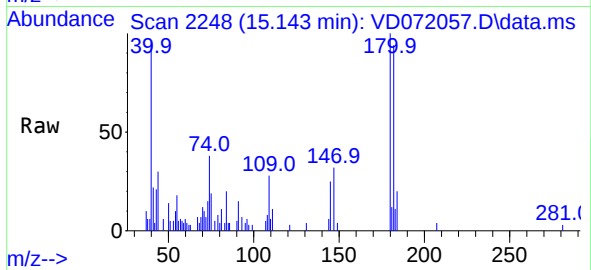
Lab File: VD072057.D

Acq: 22 Feb 2022 15:07

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 8536

Ion Ratio Lower Upper

180 100

182 88.7 46.4 139.2

145 31.9 15.7 47.1

