

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072058.D
 Acq On : 22 Feb 2022 15:35
 Operator : VA/SY
 Sample : N1626-06RE
 Misc : 5.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 23 05:31:09 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)

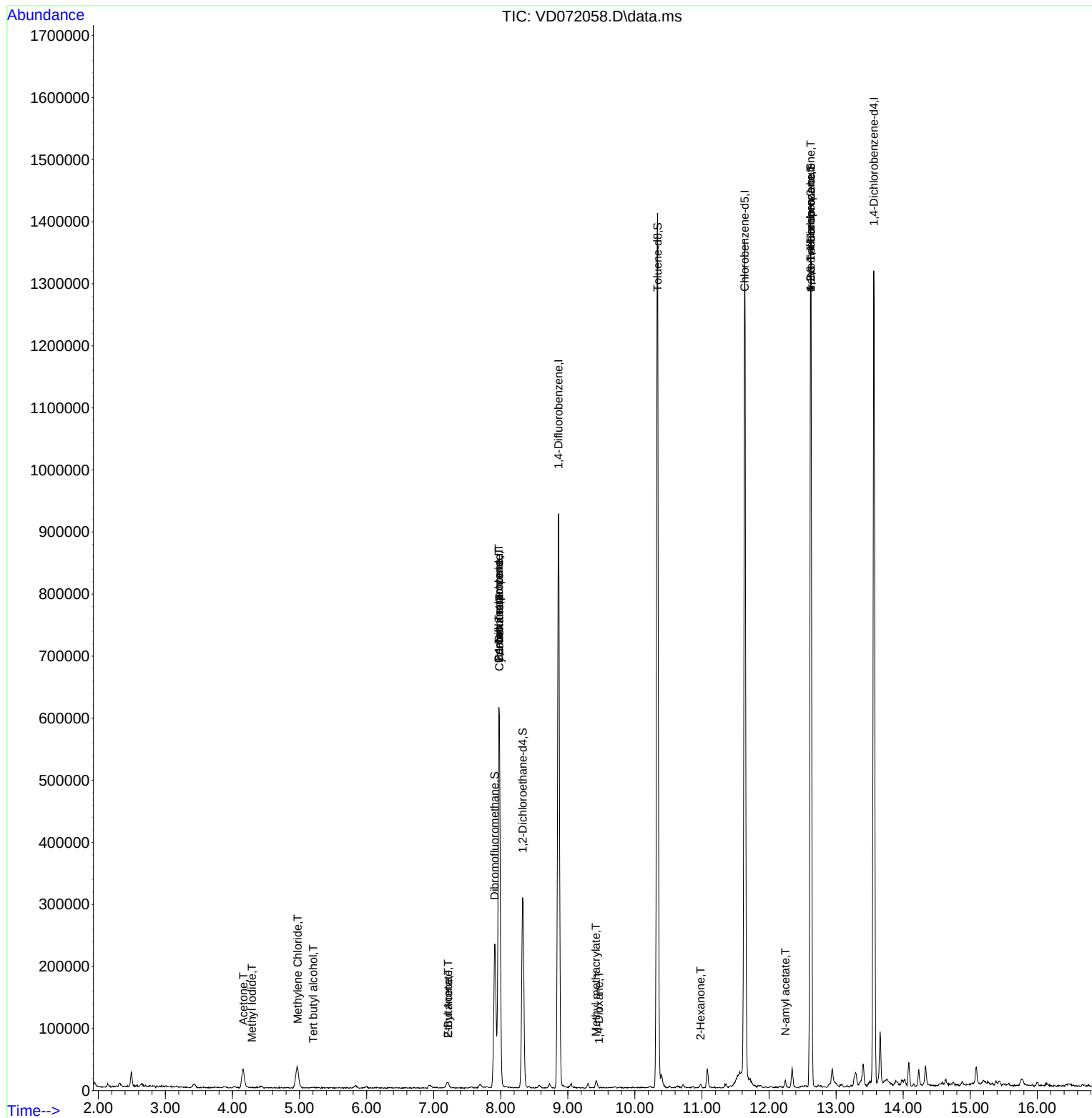
Internal Standards						
1) Pentafluorobenzene	7.973	168	453933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	778702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	768176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	352858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	250671	53.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.480%	
35) Dibromofluoromethane	7.909	113	168626	35.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 71.480%	
50) Toluene-d8	10.338	98	955765	54.628	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.260%	
62) 4-Bromofluorobenzene	12.620	95	360223	56.050	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.100%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	775	Below Cal	#	37
10) Methyl Iodide	4.291	142	507	3.017	ug/l #	66
11) Tert butyl alcohol	5.203	59	324	1.206	ug/l #	80
16) Acetone	4.162	43	55175	54.220	ug/l #	89
18) Methyl Acetate	4.715	43	138	Below Cal	#	52
20) Methylene Chloride	4.973	84	25257	4.987	ug/l	98
25) 2-Butanone	7.214	43	12460	8.859	ug/l	100
31) Cyclohexane	7.979	56	9319	1.120	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	37242	5.211	ug/l #	50
37) Ethyl Acetate	7.214	43	12460	3.760	ug/l #	71
38) Carbon Tetrachloride	7.973	117	46535	6.353	ug/l #	18
48) Methyl methacrylate	9.420	41	3292	1.056	ug/l #	35
49) 1,4-Dioxane	9.467	88	59	1.752	ug/l #	20
59) 2-Hexanone	10.979	43	4119	1.846	ug/l	84
74) N-amyl acetate	12.244	43	8001	1.368	ug/l #	49
76) 1,2,3-Trichloropropane	12.620	75	189947	56.830	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	189947	142.315	ug/l #	10

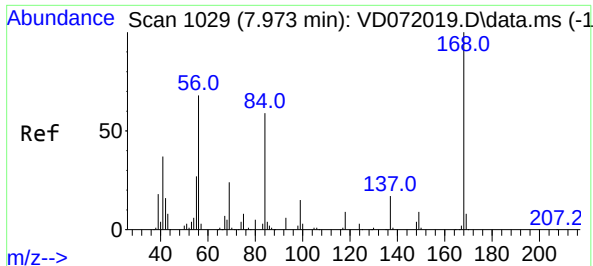
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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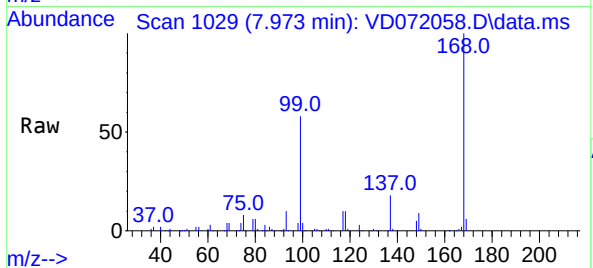
Quant Time: Feb 23 05:31:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration



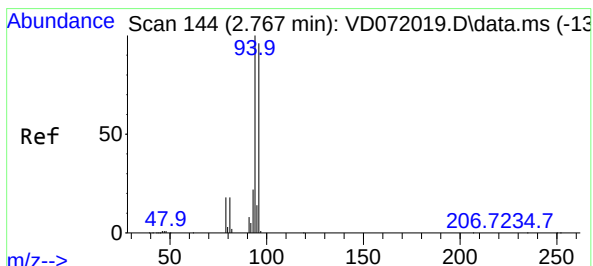
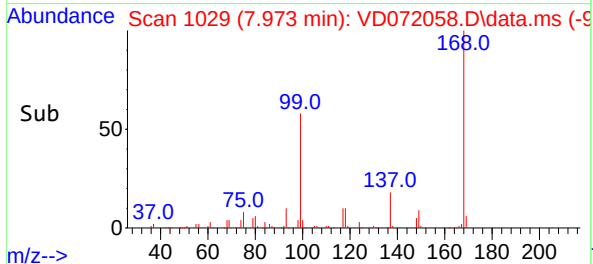
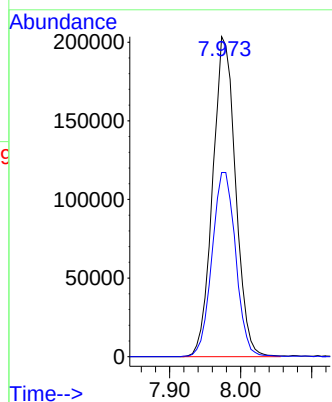


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :

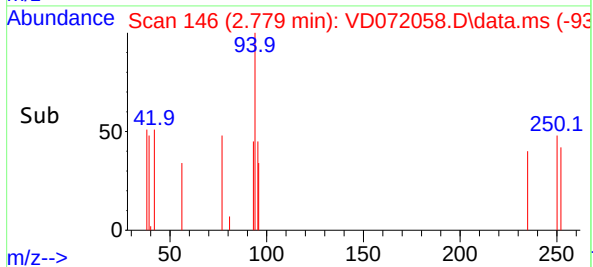
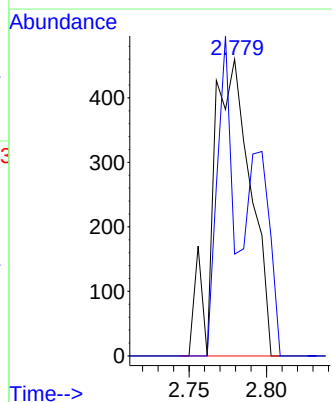
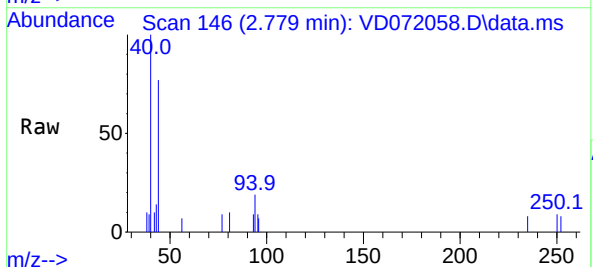


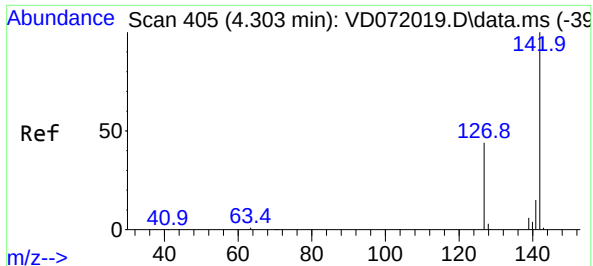
Tgt Ion:168 Resp: 453933
Ion Ratio Lower Upper
168 100
99 57.5 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Tgt Ion: 94 Resp: 775
Ion Ratio Lower Upper
94 100
96 34.3 76.8 115.2#

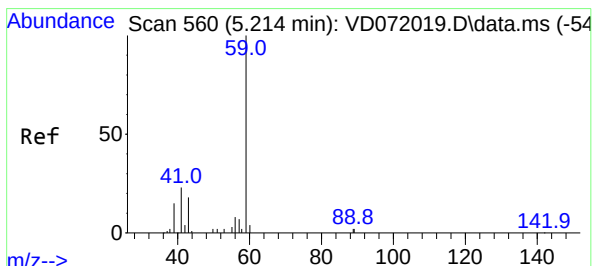
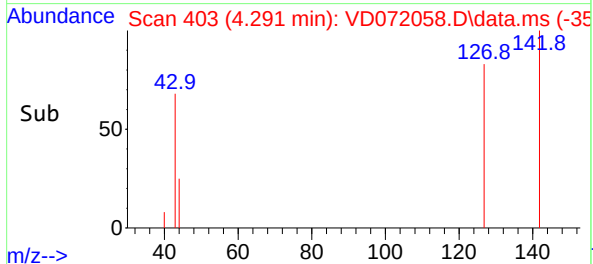
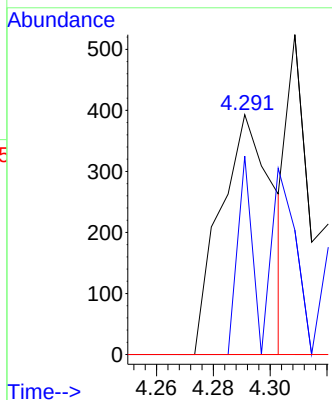
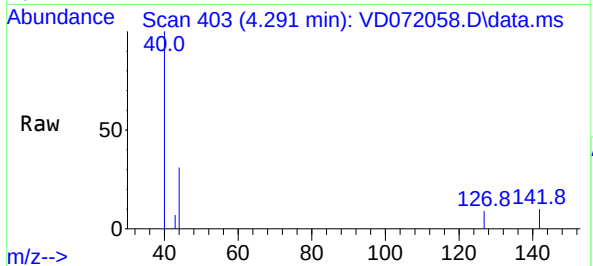




#10
Methyl Iodide
Concen: 3.017 ug/l
RT: 4.291 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

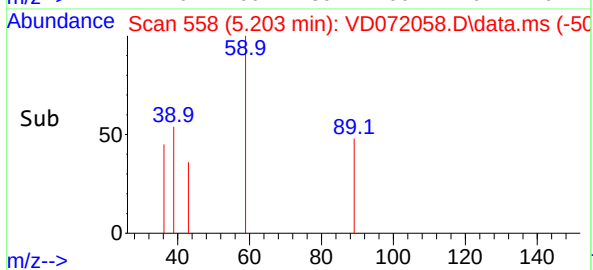
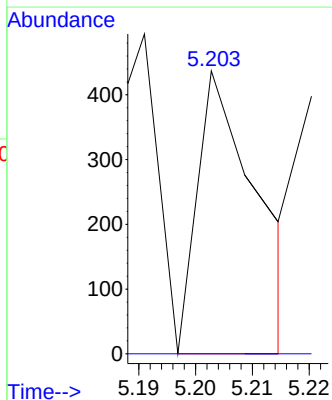
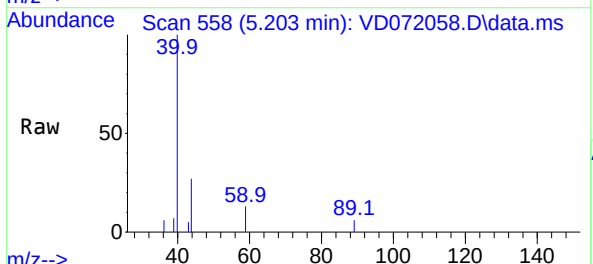
Instrument :
MSVOA_D
ClientSampleId :

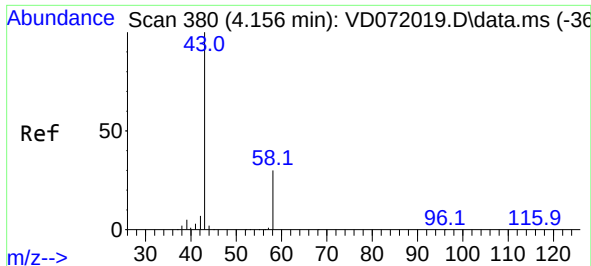
Tgt Ion:142 Resp: 507
Ion Ratio Lower Upper
142 100
127 22.7 35.8 53.8#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.206 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.012 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Tgt Ion: 59 Resp: 324
Ion Ratio Lower Upper
59 100
57 0.0 5.4 8.2#

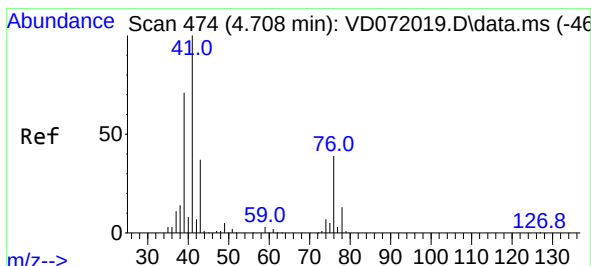
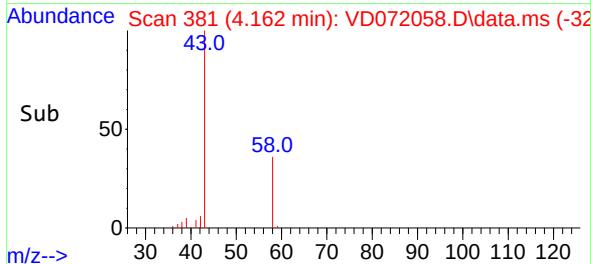
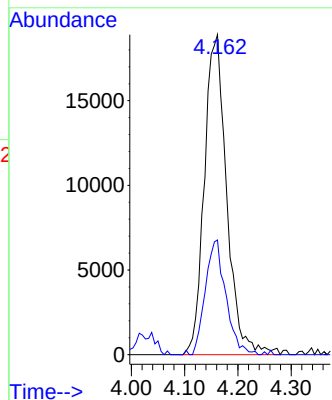
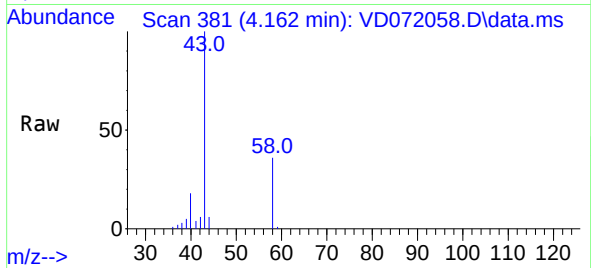




#16
Acetone
Concen: 54.220 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

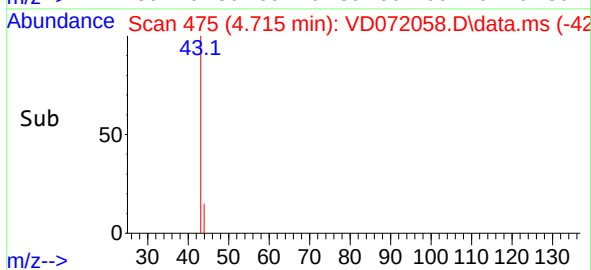
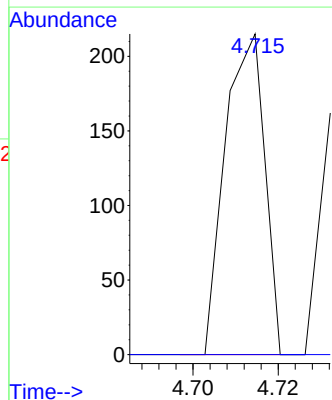
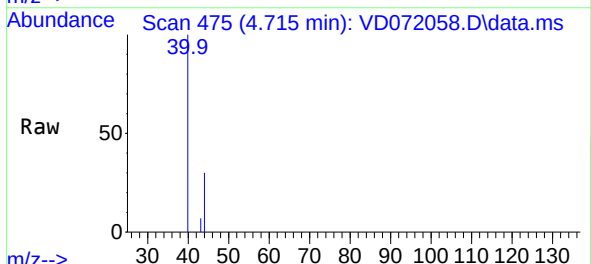
Instrument :
MSVOA_D
ClientSampleId :

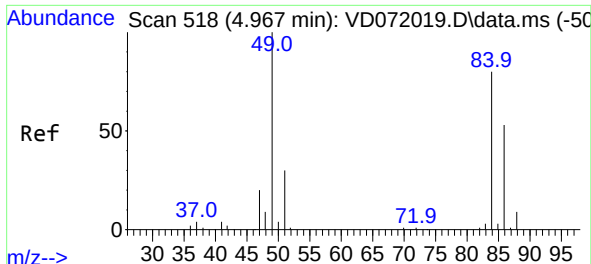
Tgt Ion: 43 Resp: 55175
Ion Ratio Lower Upper
43 100
58 35.8 23.8 35.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.715 min Scan# 475
Delta R.T. 0.007 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

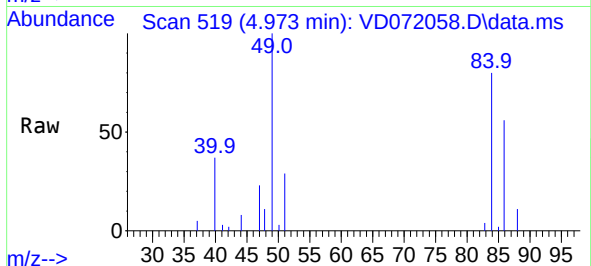
Tgt Ion: 43 Resp: 138
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#





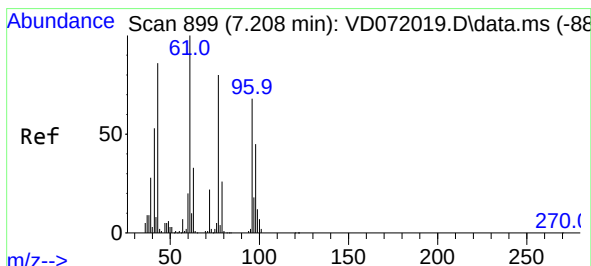
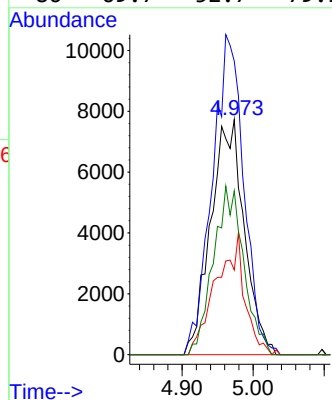
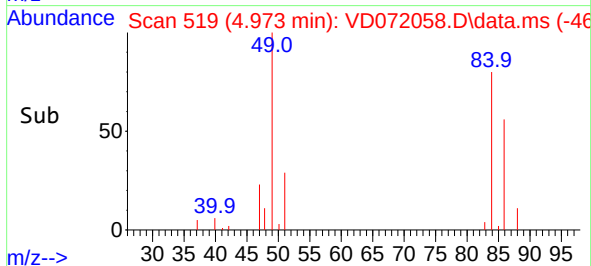
#20
Methylene Chloride
Concen: 4.987 ug/l
RT: 4.973 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :

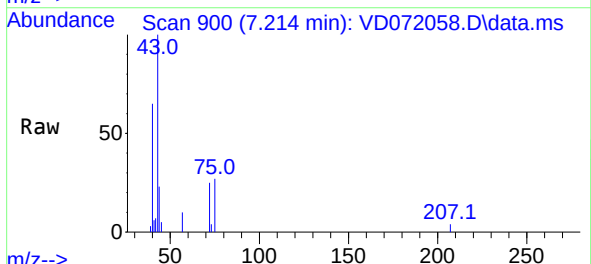


Tgt Ion: 84 Resp: 25257

Ion	Ratio	Lower	Upper
84	100		
49	124.8	100.0	150.0
51	36.0	30.2	45.4
86	69.7	52.7	79.1

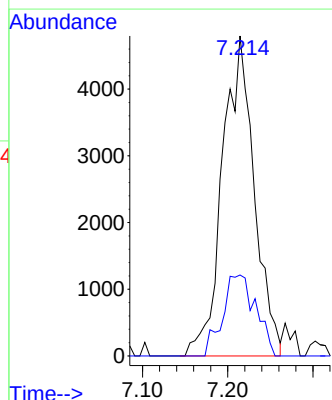
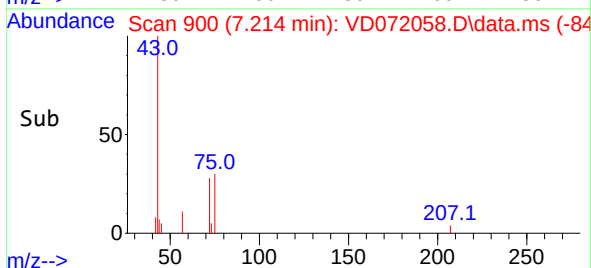


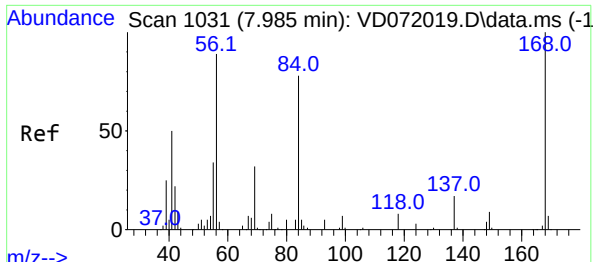
#25
2-Butanone
Concen: 8.859 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35



Tgt Ion: 43 Resp: 12460

Ion	Ratio	Lower	Upper
43	100		
72	25.3	20.3	30.5





#31

Cyclohexane

Concen: 1.120 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

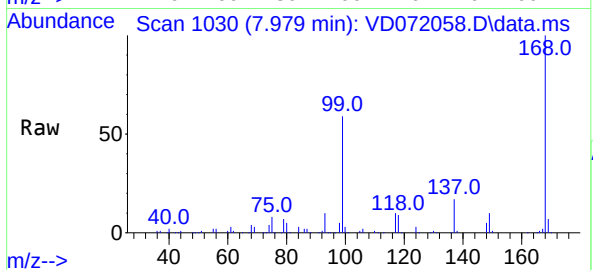
Lab File: VD072058.D

Acq: 22 Feb 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :



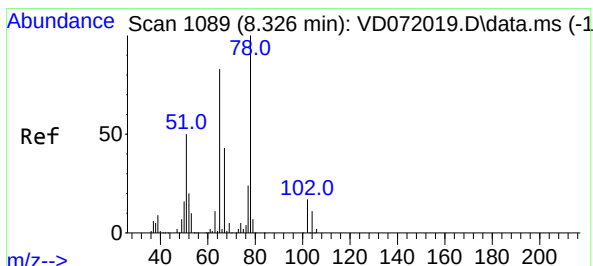
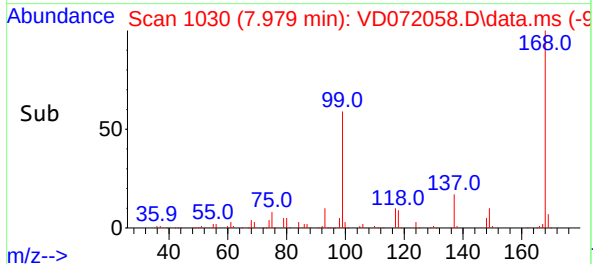
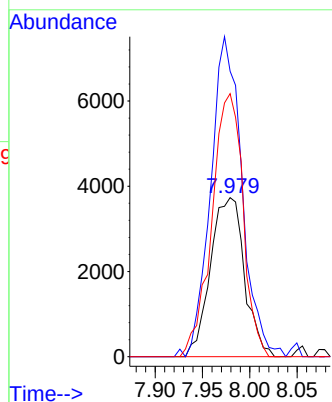
Tgt Ion: 56 Resp: 9319

Ion Ratio Lower Upper

56 100

69 174.7 28.9 43.3#

84 165.4 70.6 105.8#



#33

1,2-Dichloroethane-d4

Concen: 53.237 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072058.D

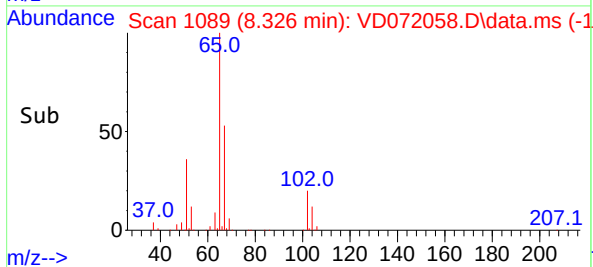
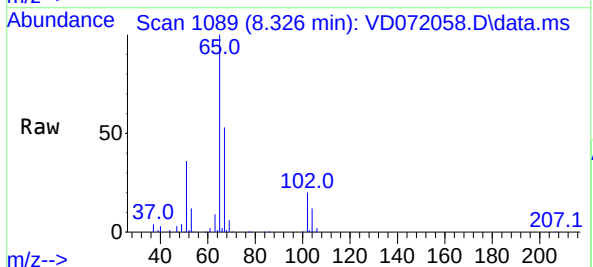
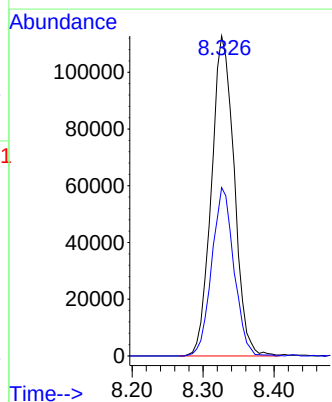
Acq: 22 Feb 2022 15:35

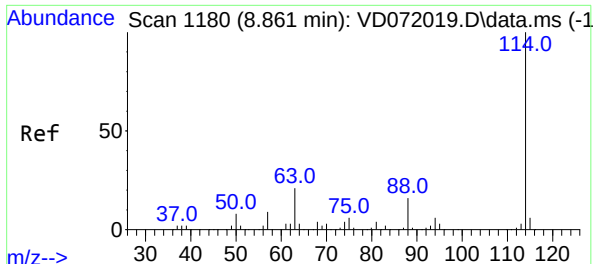
Tgt Ion: 65 Resp: 250671

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.6

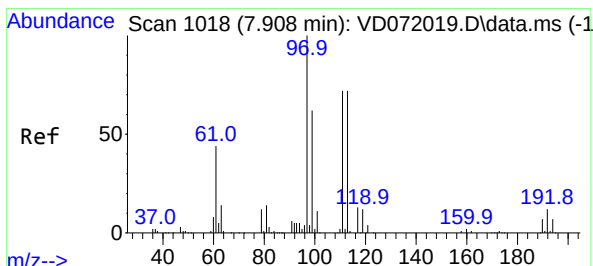
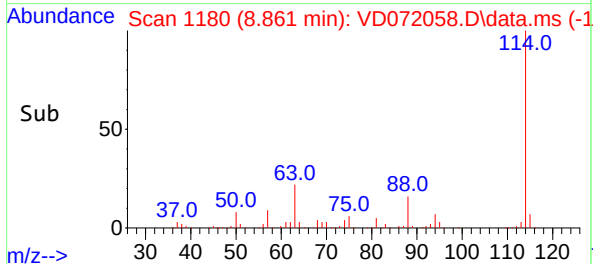
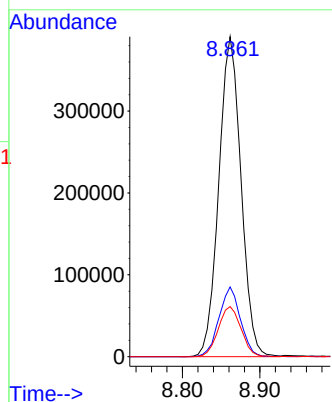
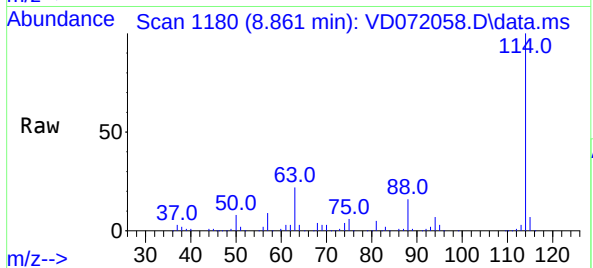




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

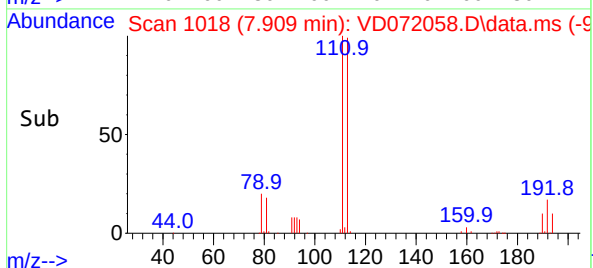
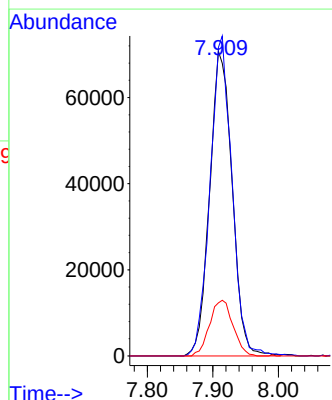
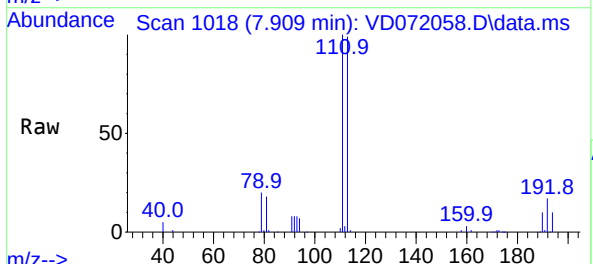
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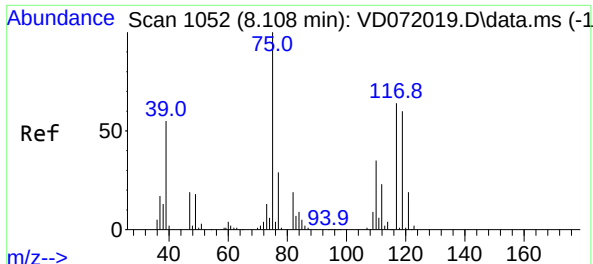
Tgt Ion:114 Resp: 778702
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 15.7 0.0 31.2



#35
Dibromofluoromethane
Concen: 35.742 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

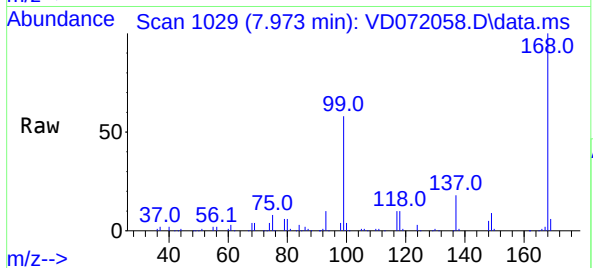
Tgt Ion:113 Resp: 168626
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.4
192 19.0 15.3 22.9



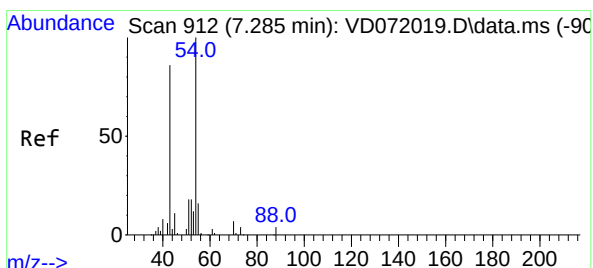
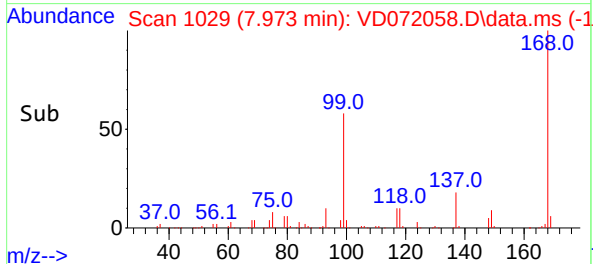
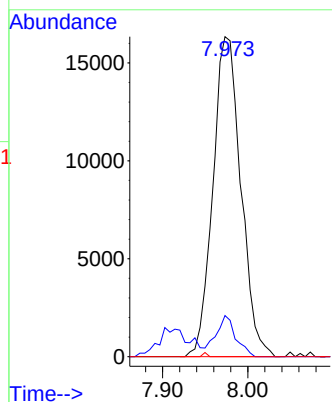


#36
1,1-Dichloropropene
Concen: 5.211 ug/l
RT: 7.973 min Scan# 1052
Delta R.T. -0.135 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :

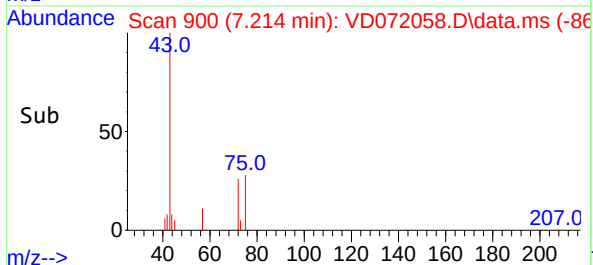
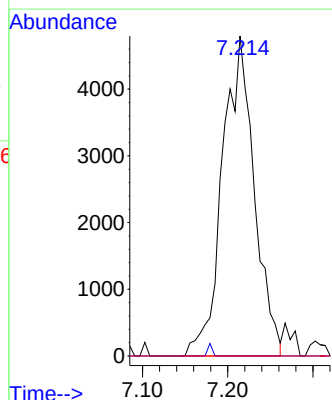
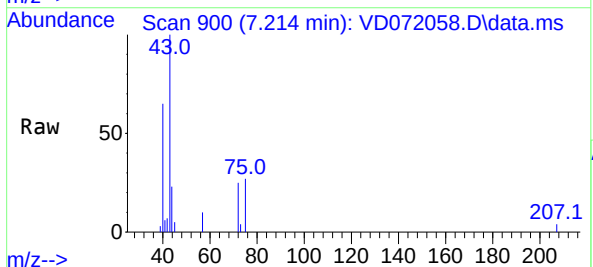


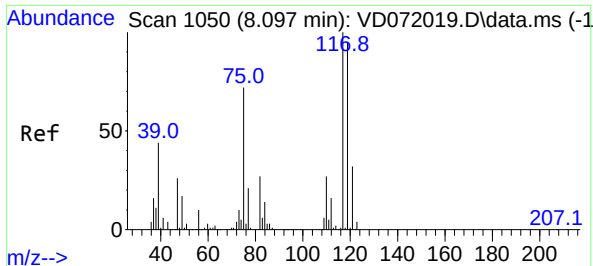
Tgt Ion: 75 Resp: 37242
Ion Ratio Lower Upper
75 100
110 9.0 17.7 53.1#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 3.760 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.070 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

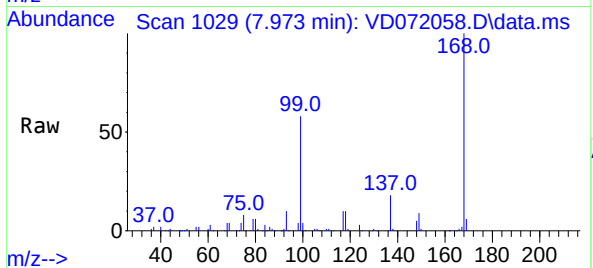
Tgt Ion: 43 Resp: 12460
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 7.4 11.2#



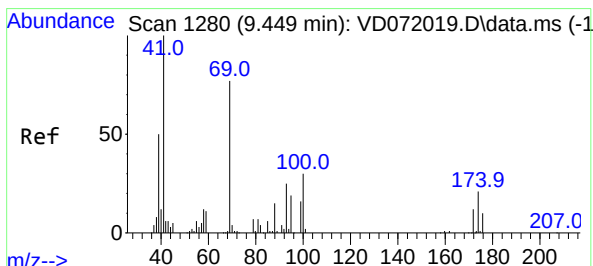
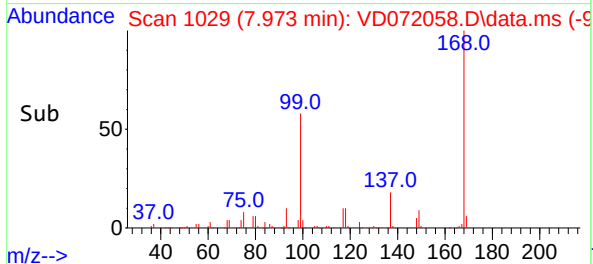
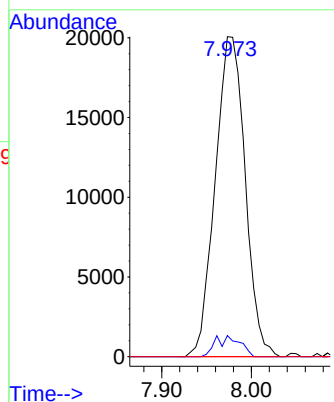


#38
Carbon Tetrachloride
Concen: 6.353 ug/l
RT: 7.973 min Scan# 117
Delta R.T. -0.123 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :

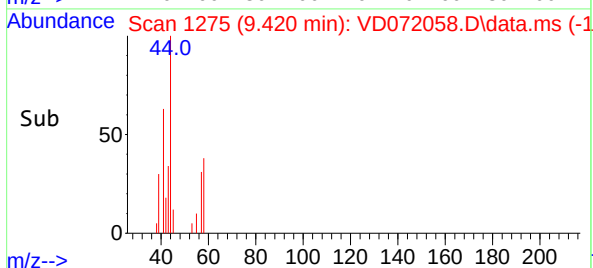
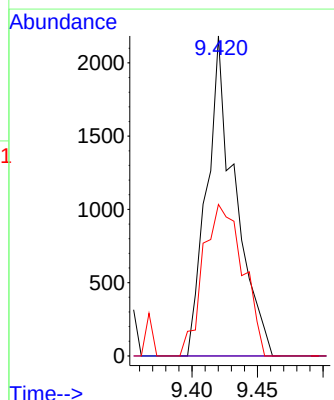
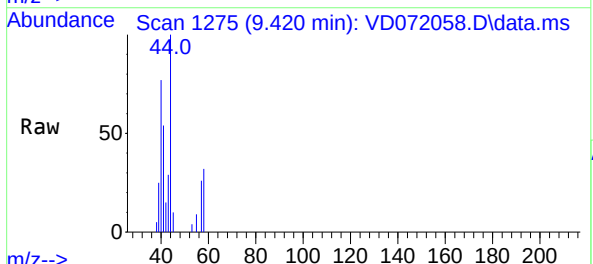


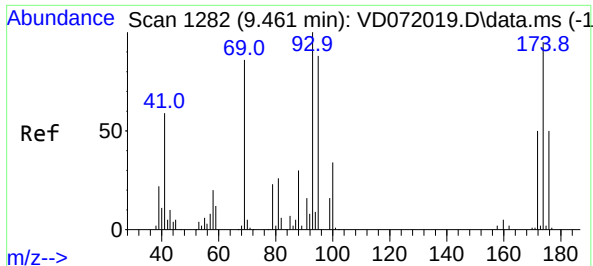
Tgt Ion:117 Resp: 46535
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.8#
121 0.0 25.8 38.6#



#48
Methyl methacrylate
Concen: 1.056 ug/l
RT: 9.420 min Scan# 1275
Delta R.T. -0.029 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Tgt Ion: 41 Resp: 3292
Ion Ratio Lower Upper
41 100
69 0.0 61.6 92.4#
39 66.2 38.6 57.8#





#49

1,4-Dioxane

Concen: 1.752 ug/l

RT: 9.467 min Scan# 11

Delta R.T. 0.006 min

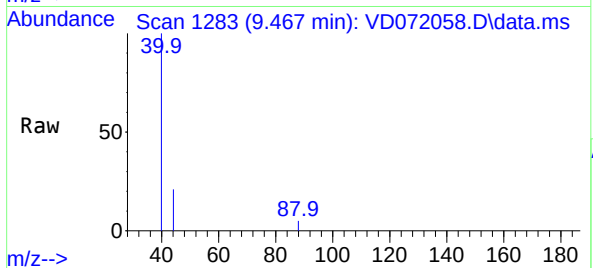
Lab File: VD072058.D

Acq: 22 Feb 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :



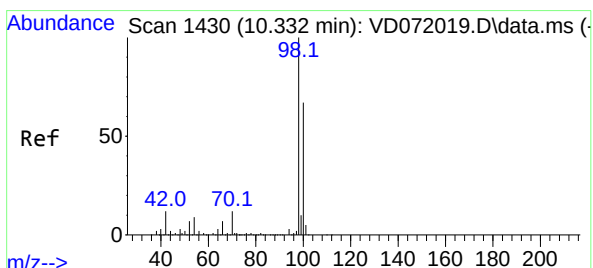
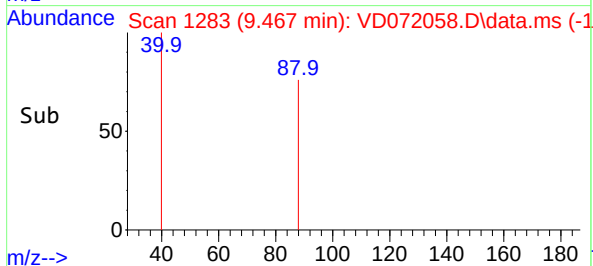
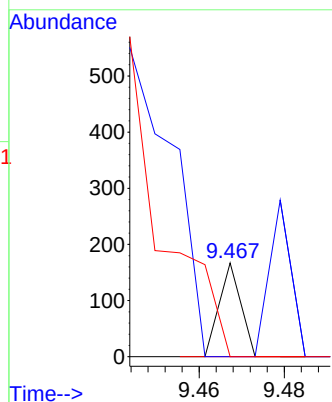
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

43 0.0 29.9 44.9#

58 0.0 61.0 91.4#



#50

Toluene-d8

Concen: 54.628 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072058.D

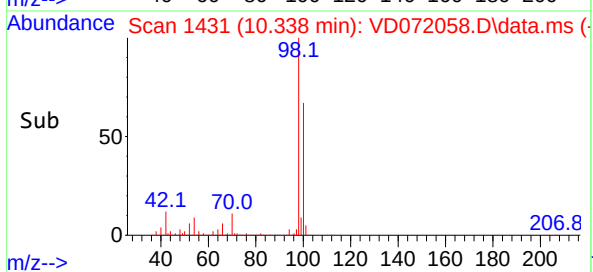
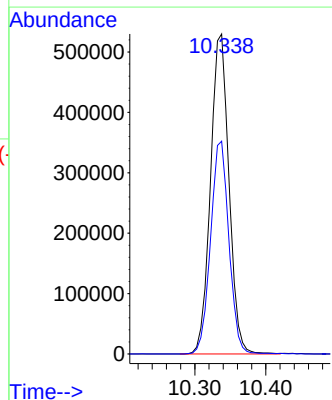
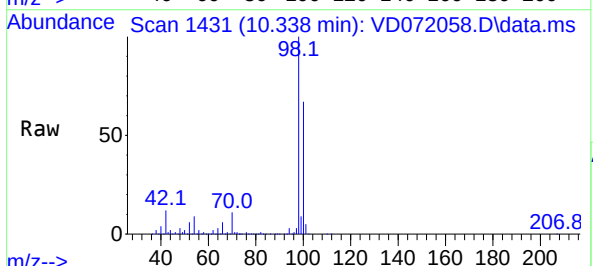
Acq: 22 Feb 2022 15:35

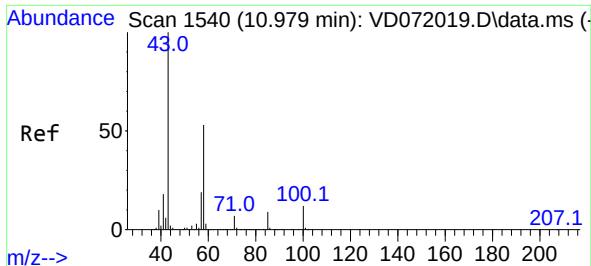
Tgt Ion: 98 Resp: 955765

Ion Ratio Lower Upper

98 100

100 66.2 53.8 80.6

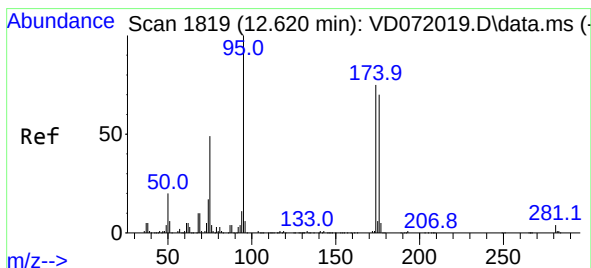
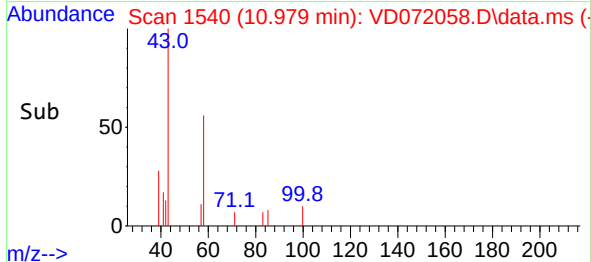
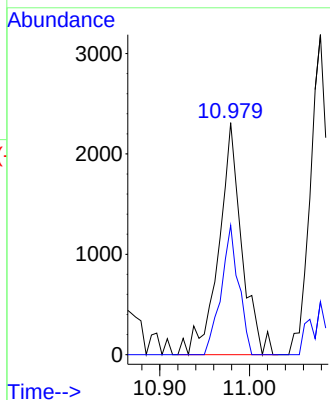
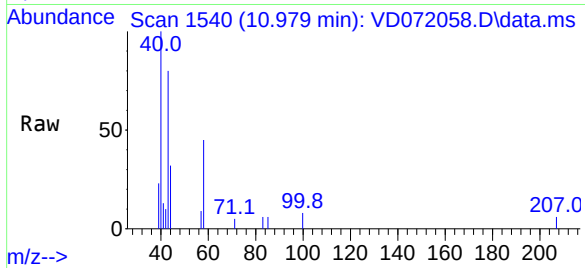




#59
2-Hexanone
Concen: 1.846 ug/l
RT: 10.979 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

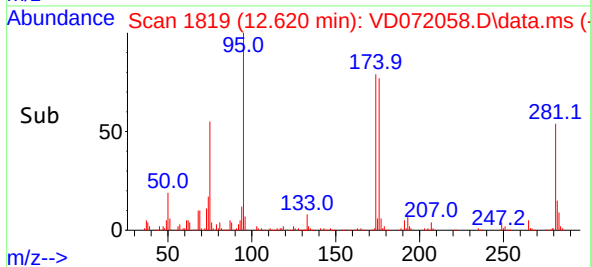
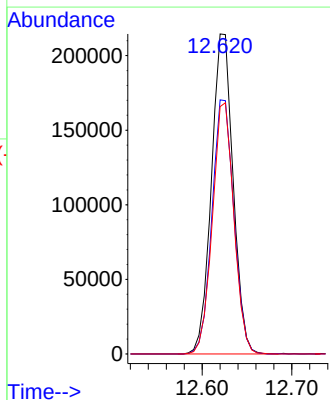
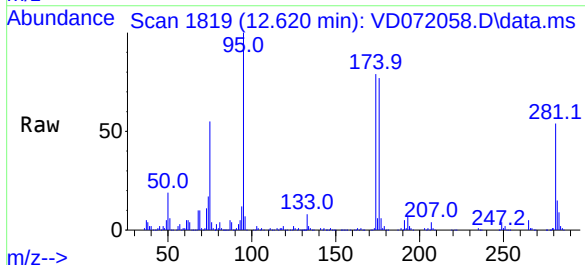
Instrument :
MSVOA_D
ClientSampleId :

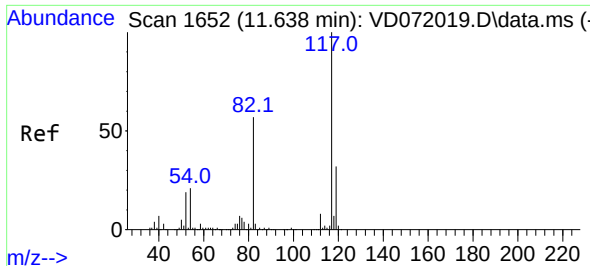
Tgt Ion: 43 Resp: 4119
Ion Ratio Lower Upper
43 100
58 42.4 27.0 80.8



#62
4-Bromofluorobenzene
Concen: 56.050 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

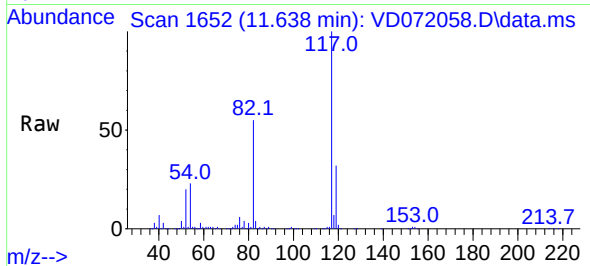
Tgt Ion: 95 Resp: 360223
Ion Ratio Lower Upper
95 100
174 80.1 0.0 155.0
176 77.5 0.0 148.8



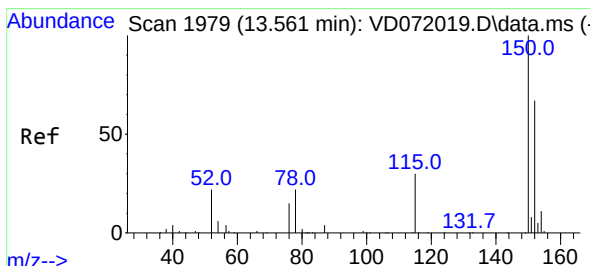
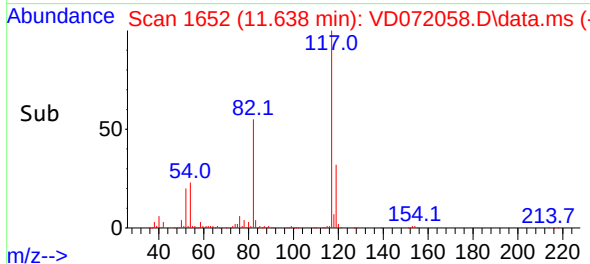
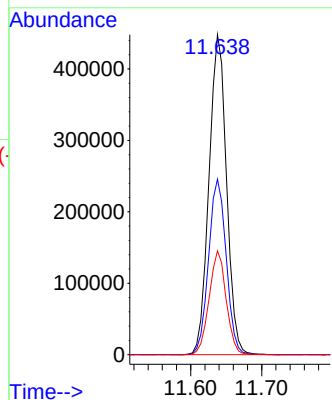


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :

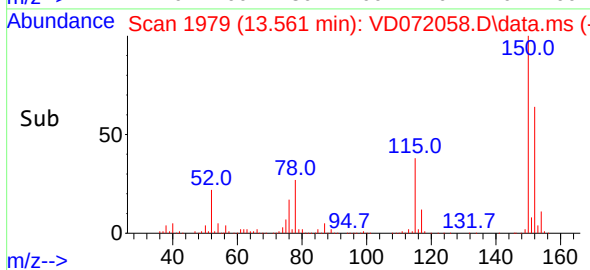
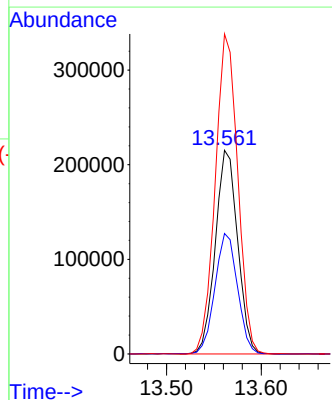
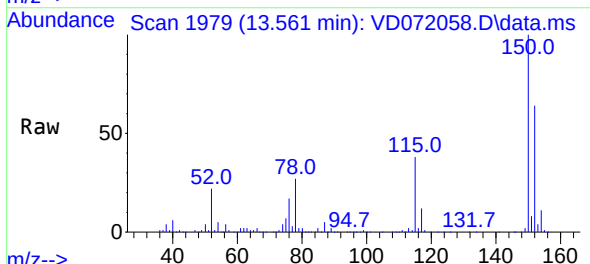


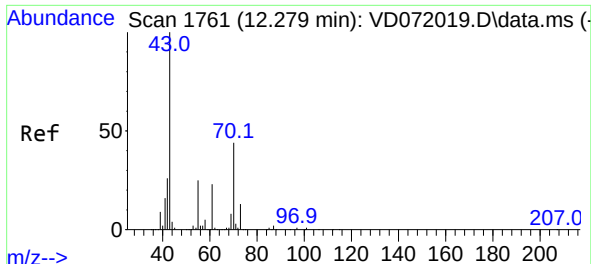
Tgt Ion:117 Resp: 768176
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

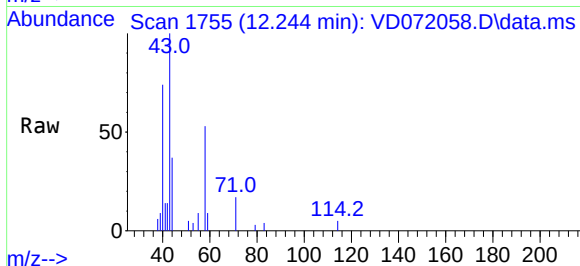
Tgt Ion:152 Resp: 352858
Ion Ratio Lower Upper
152 100
115 60.0 29.9 89.7
150 158.3 0.0 347.6



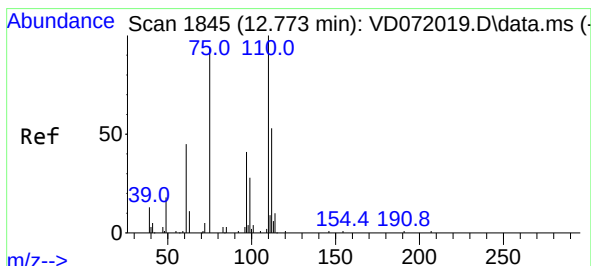
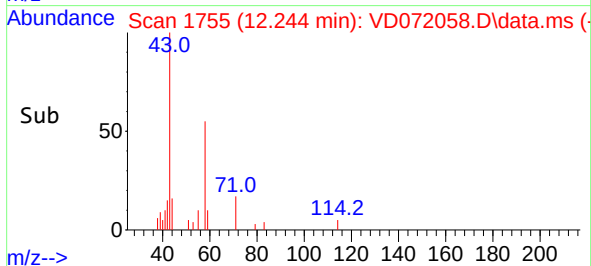
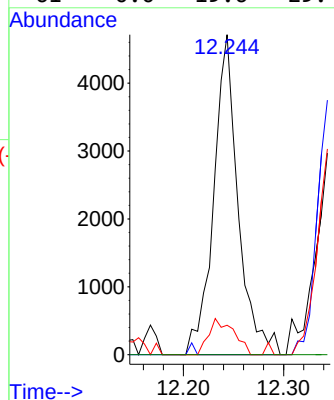


#74
N-amy1 acetate
Concen: 1.368 ug/l
RT: 12.244 min Scan# 11
Delta R.T. -0.035 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :

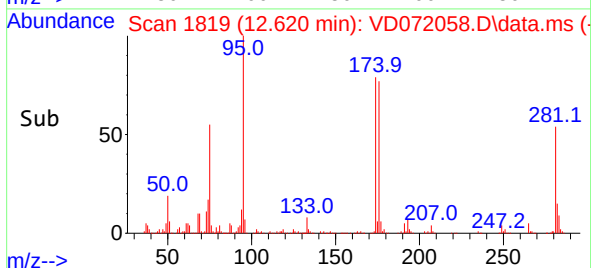
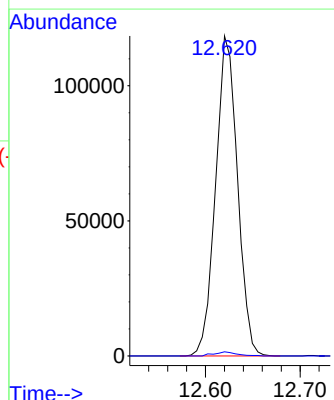
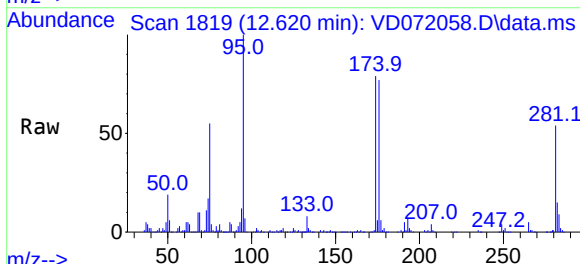


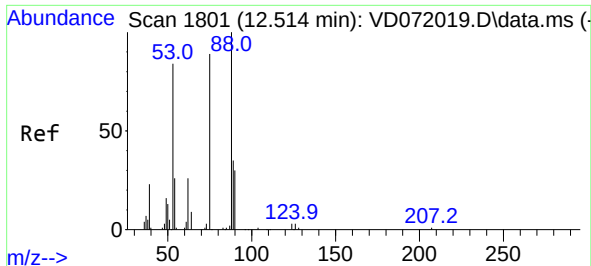
Tgt Ion: 43 Resp: 8001
Ion Ratio Lower Upper
43 100
70 0.0 33.2 49.8#
55 11.6 20.6 30.8#
61 0.0 19.6 29.4#



#76
1,2,3-Trichloropropane
Concen: 56.830 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

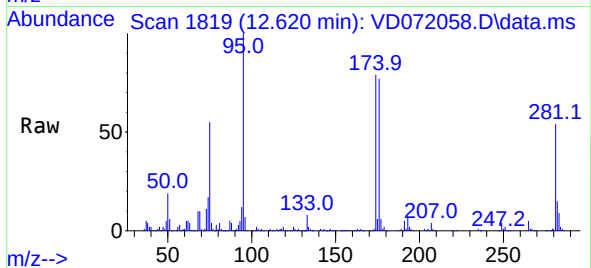
Tgt Ion: 75 Resp: 189947
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.315 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD072058.D
 Acq: 22 Feb 2022 15:35

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 189947
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.2 120.4#
 89 0.9 36.4 54.6#

