

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD072001.D
 Acq On : 16 Feb 2022 19:44
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Feb 17 00:51:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

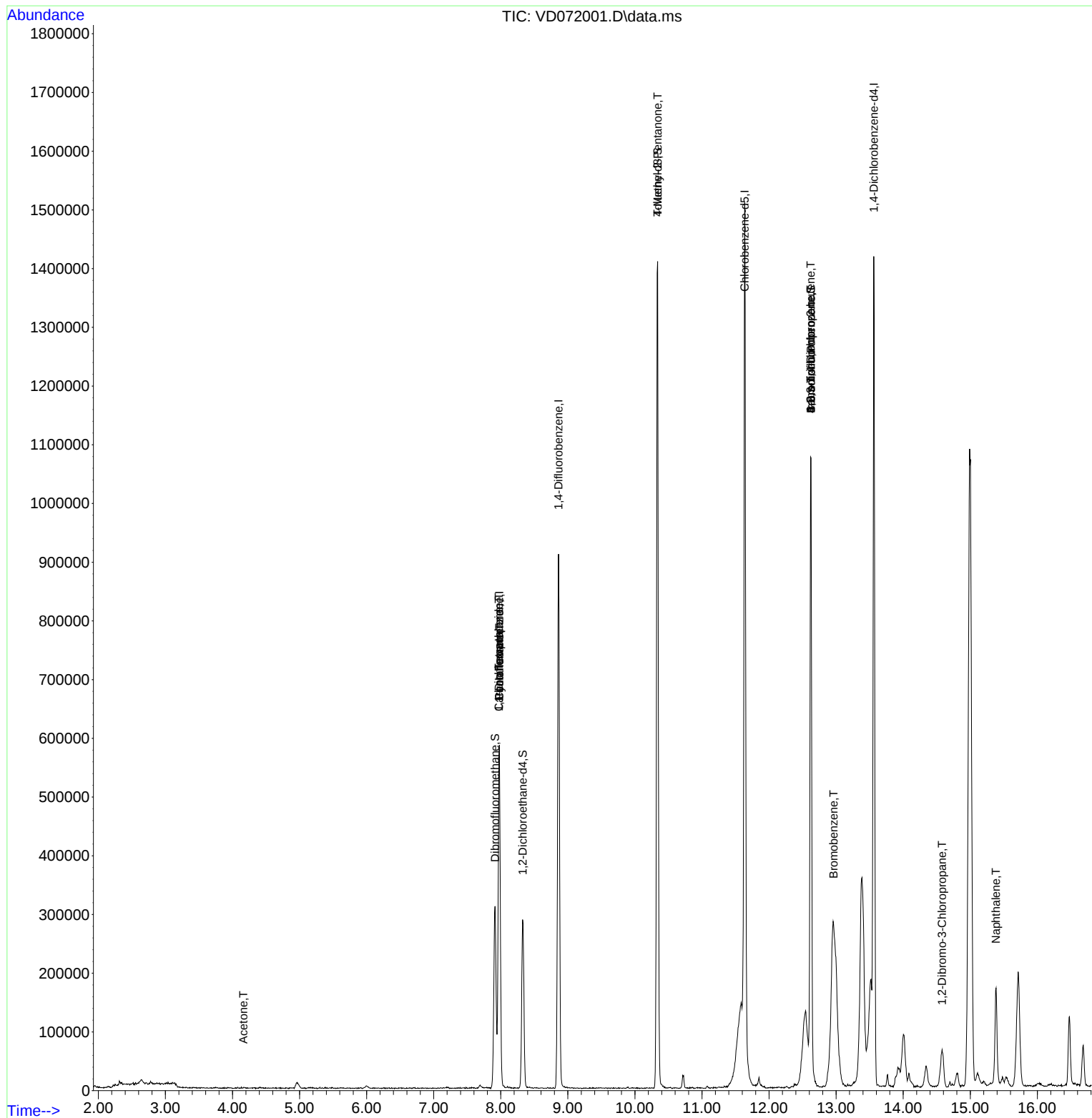
Internal Standards						
1) Pentafluorobenzene	7.979	168	385131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	706685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	704950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	339097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	236036	48.489	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.980%		
35) Dibromofluoromethane	7.914	113	218999	47.145	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.280%		
50) Toluene-d8	10.337	98	908447	52.365	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.720%		
62) 4-Bromofluorobenzene	12.626	95	331730	54.756	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	109.520%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.197	59	146	Below Cal	#	74
16) Acetone	4.161	43	1630	1.223	ug/l #	47
20) Methylene Chloride	4.973	84	6770	Below Cal	#	84
31) Cyclohexane	7.979	56	11328	1.219	ug/l #	17
36) 1,1-Dichloropropene	7.973	75	39292	4.928	ug/l #	50
38) Carbon Tetrachloride	7.973	117	42697	5.415	ug/l #	17
51) 4-Methyl-2-Pentanone	10.337	43	5308	1.522	ug/l #	1
71) Bromoform	12.626	173	3855	1.331	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	192763	53.940	ug/l #	100
77) Bromobenzene	12.961	156	337002	57.696	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	192763	132.626	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.578	75	2583	3.210	ug/l #	6
95) Naphthalene	15.384	128	122879	11.582	ug/l	97

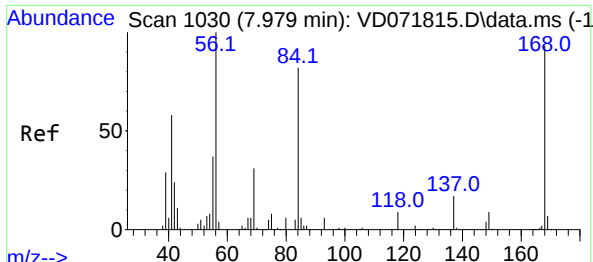
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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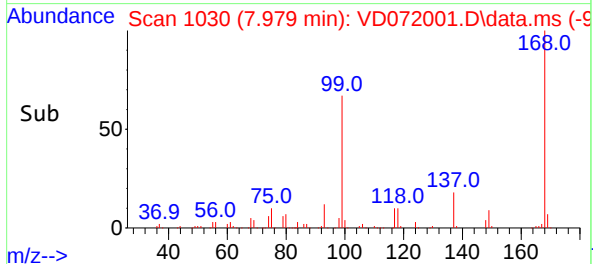
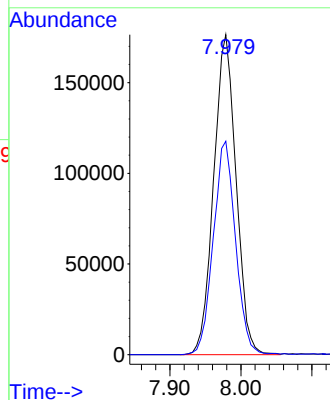
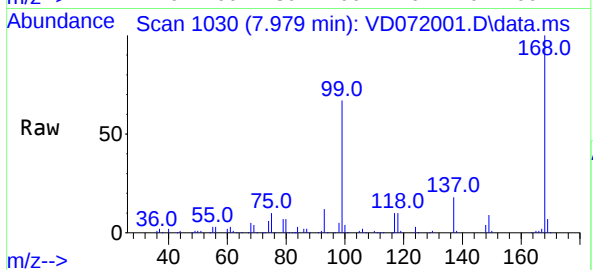




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

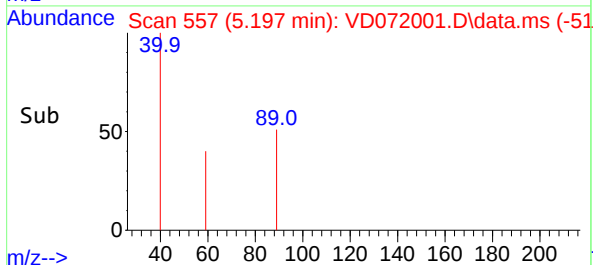
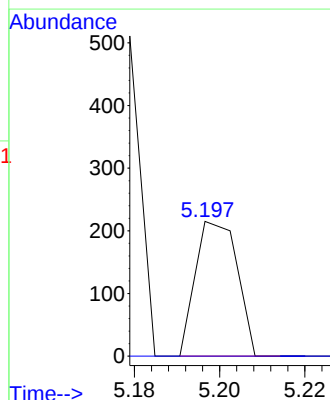
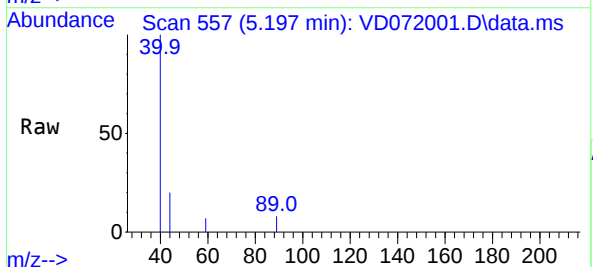
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 385131
Ion Ratio Lower Upper
168 100
99 66.7 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.024 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

Tgt Ion: 59 Resp: 146
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

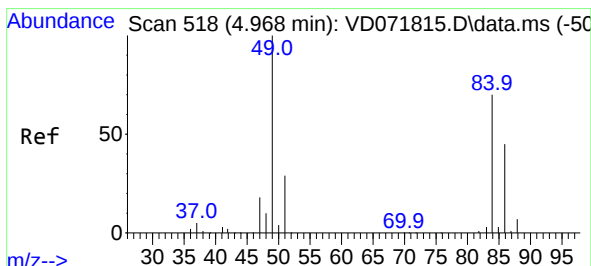
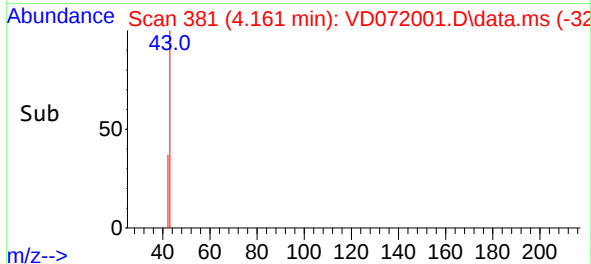
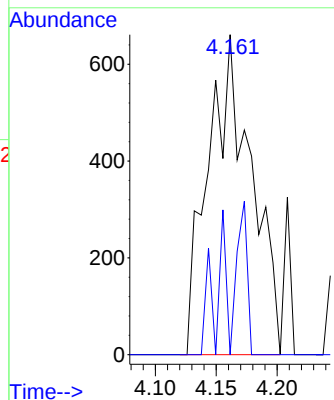
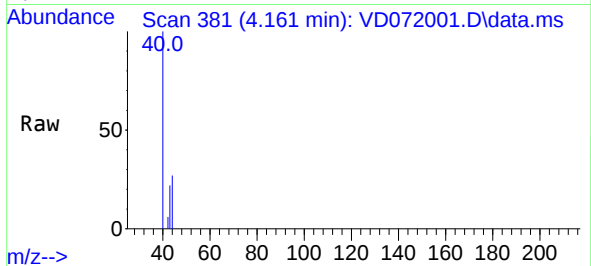




#16
Acetone
Concen: 1.223 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

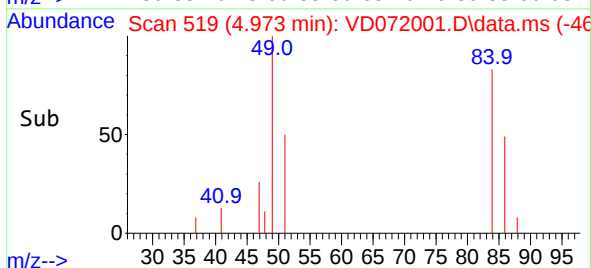
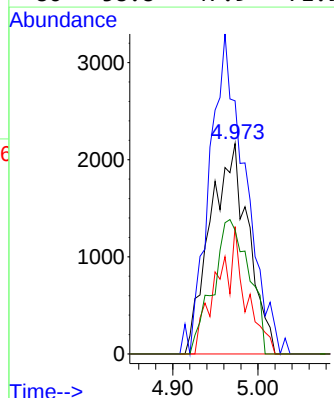
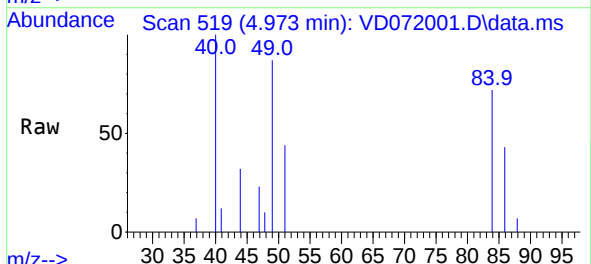
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

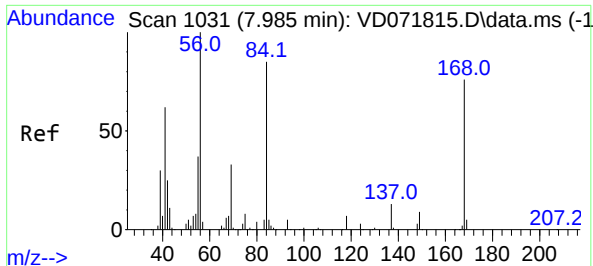
Tgt Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

Tgt Ion: 84 Resp: 6770
Ion Ratio Lower Upper
84 100
49 120.3 112.8 169.2
51 60.5 32.6 48.8#
86 58.8 47.9 71.9





#31

Cyclohexane

Concen: 1.219 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072001.D

Acq: 16 Feb 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

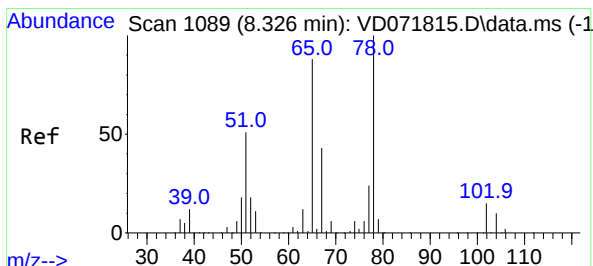
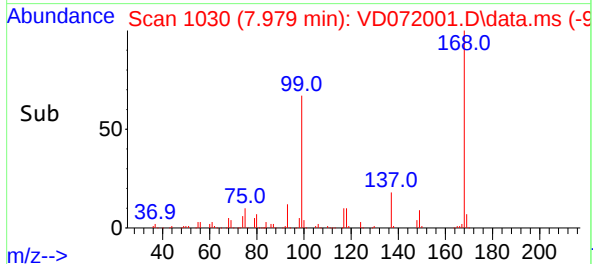
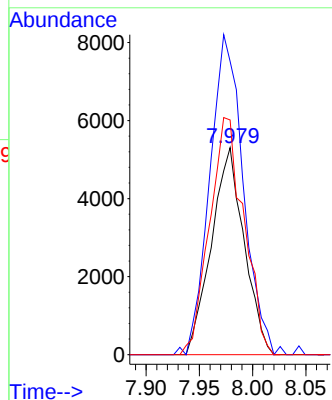
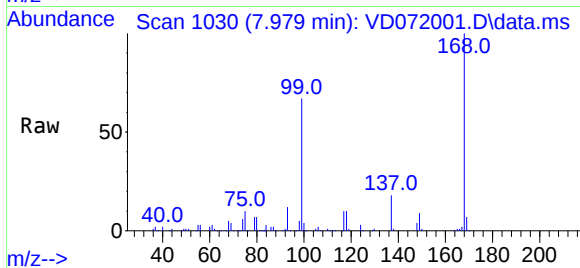
Tgt Ion: 56 Resp: 11328

Ion Ratio Lower Upper

56 100

69 138.0 25.4 38.2#

84 113.4 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 48.489 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072001.D

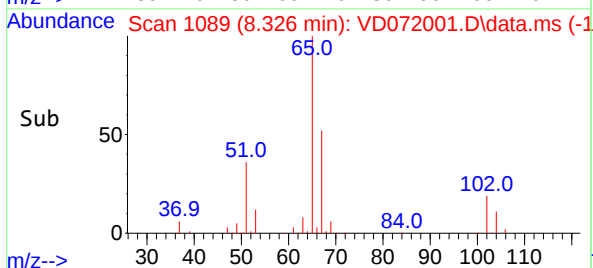
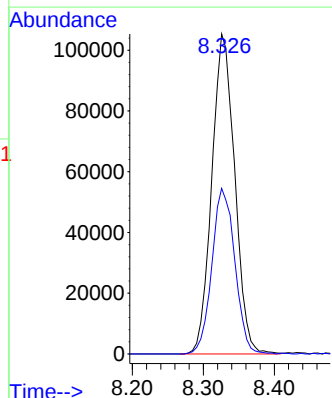
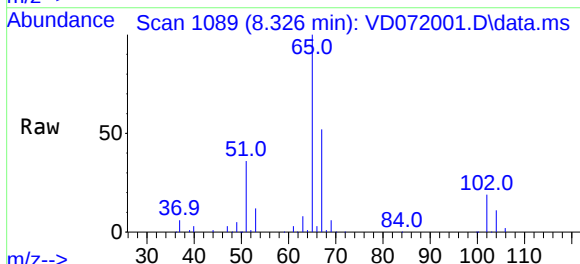
Acq: 16 Feb 2022 19:44

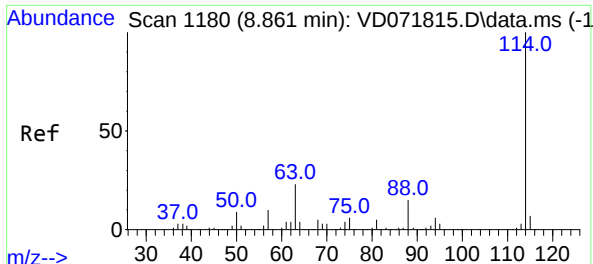
Tgt Ion: 65 Resp: 236036

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.4

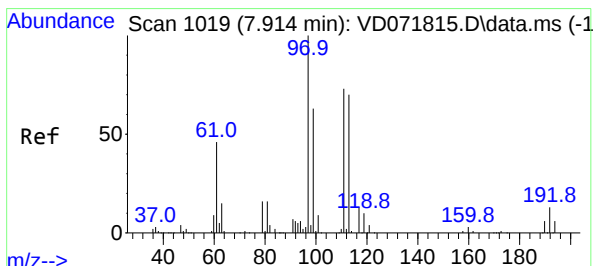
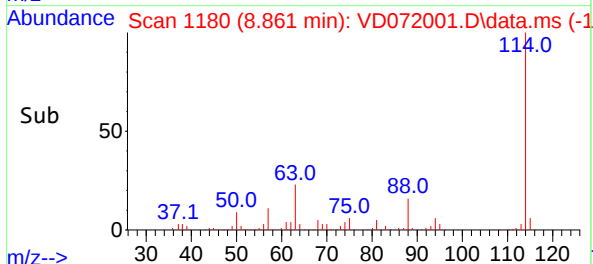
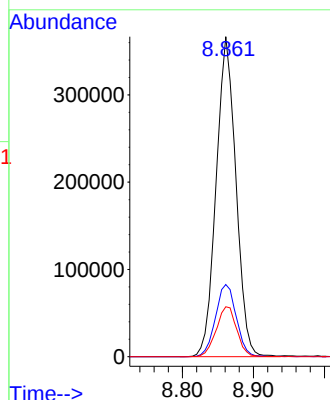
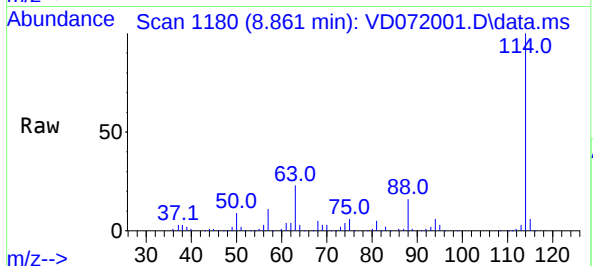




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

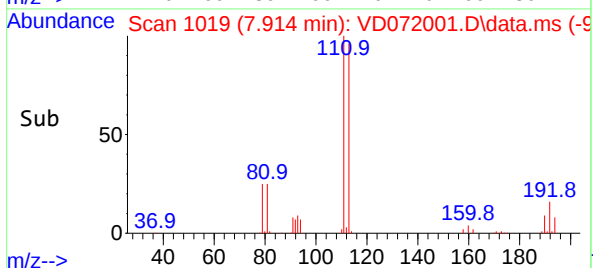
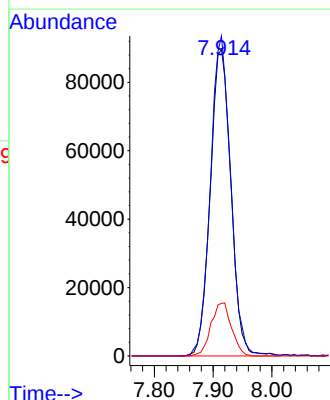
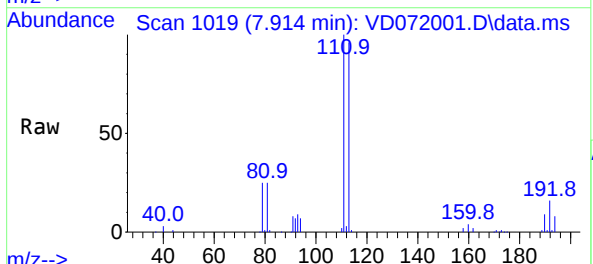
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

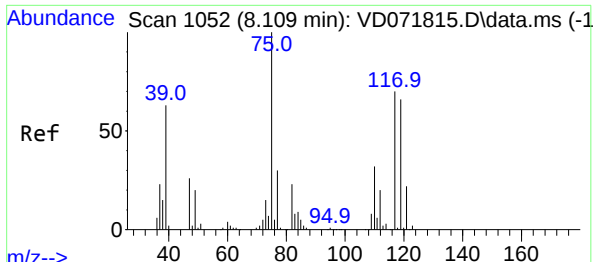
Tgt Ion:114 Resp: 706685
Ion Ratio Lower Upper
114 100
63 22.5 0.0 46.6
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.145 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

Tgt Ion:113 Resp: 218999
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 17.1 14.6 21.8

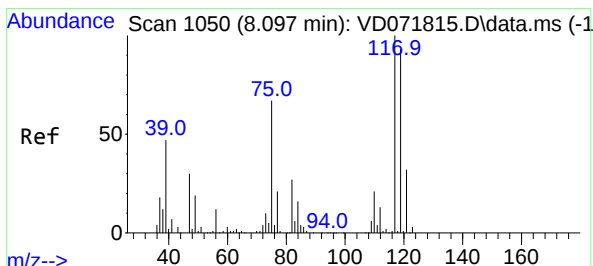
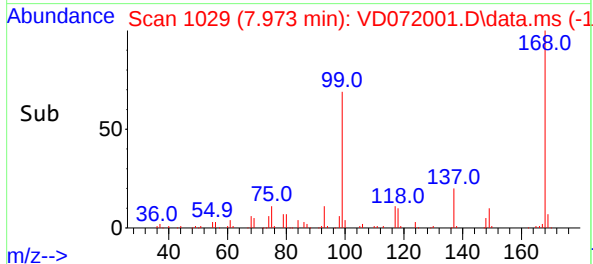
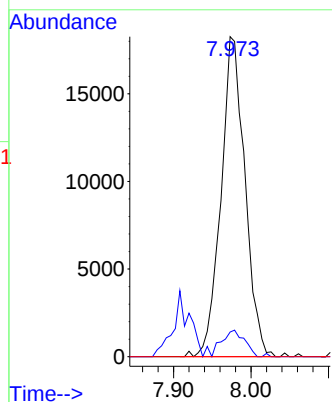
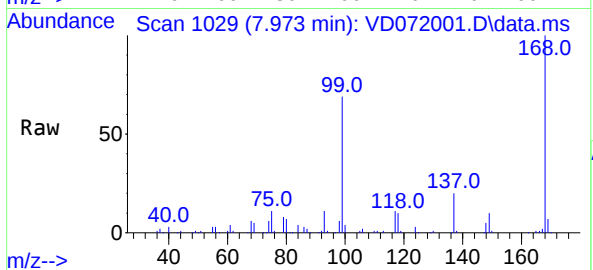




#36
1,1-Dichloropropene
Concen: 4.928 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

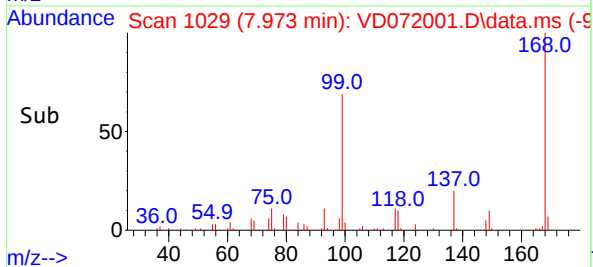
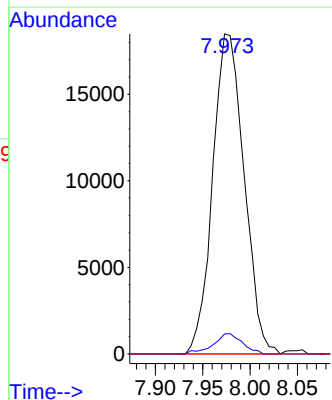
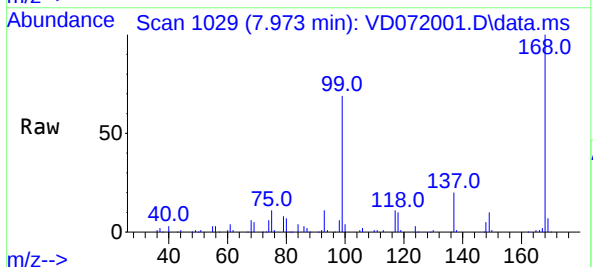
Instrument :
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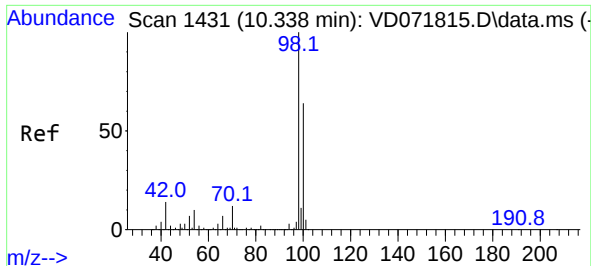
Tgt Ion: 75 Resp: 39292
Ion Ratio Lower Upper
75 100
110 7.8 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

Tgt Ion: 117 Resp: 42697
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.5 36.7#

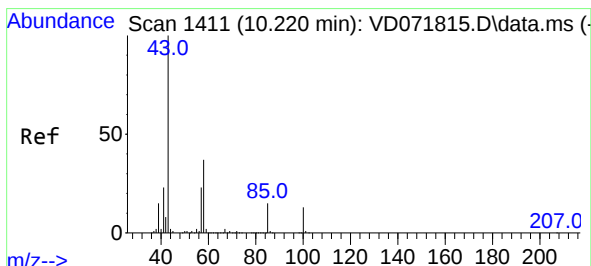
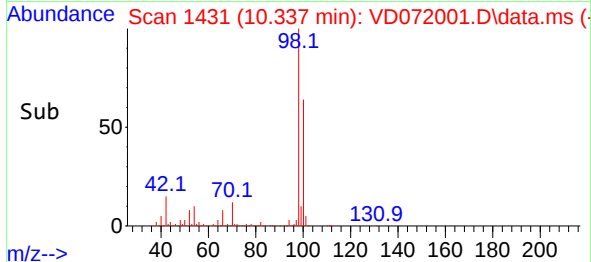
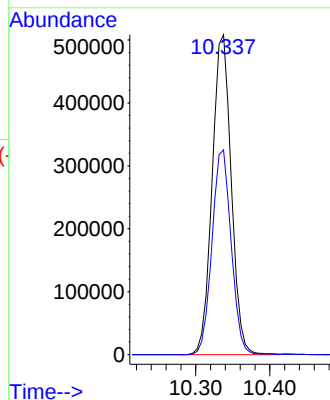
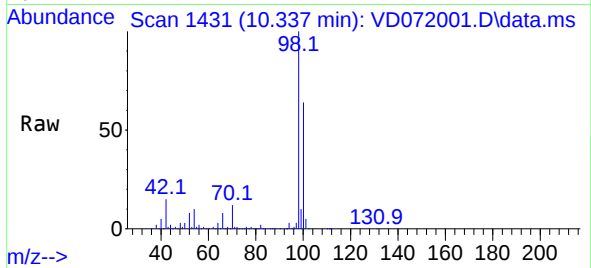




#50
Toluene-d8
Concen: 52.365 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

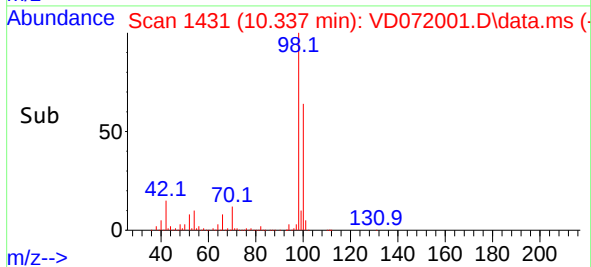
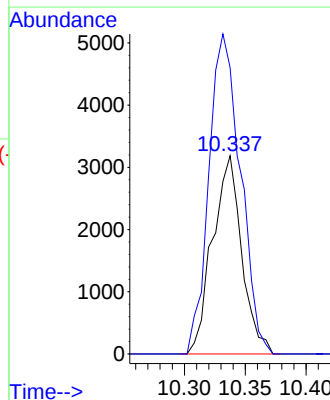
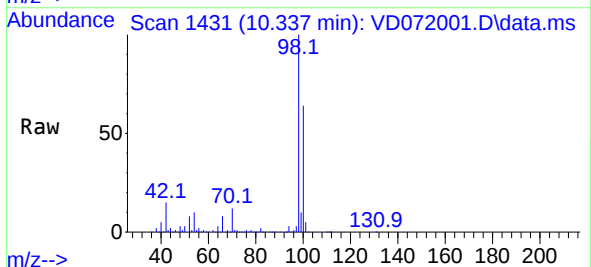
Instrument :
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VIBLK

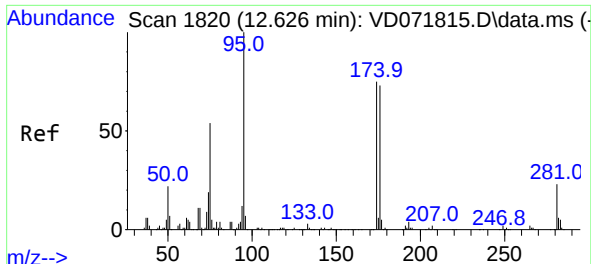
Tgt Ion: 98 Resp: 908447
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.522 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.111 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

Tgt Ion: 43 Resp: 5308
Ion Ratio Lower Upper
43 100
58 174.8 28.6 43.0#

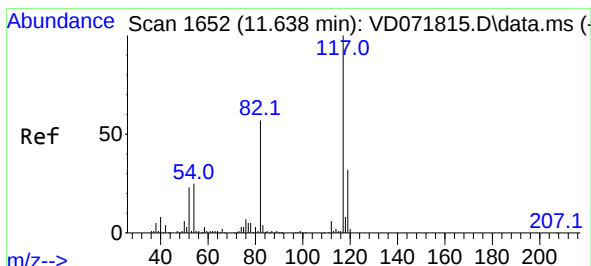
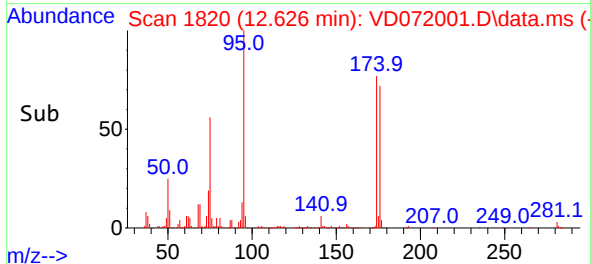
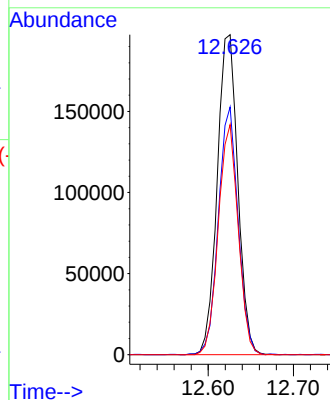
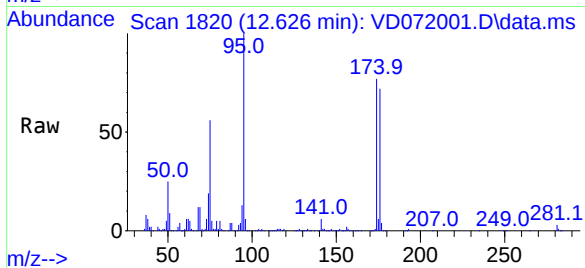




#62
4-Bromofluorobenzene
Concen: 54.756 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

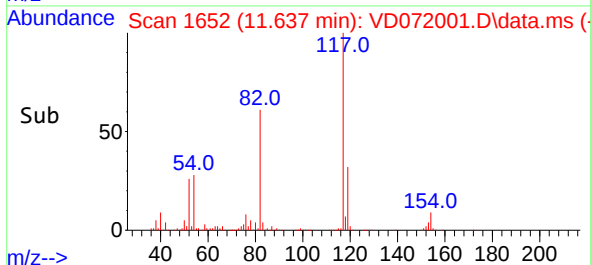
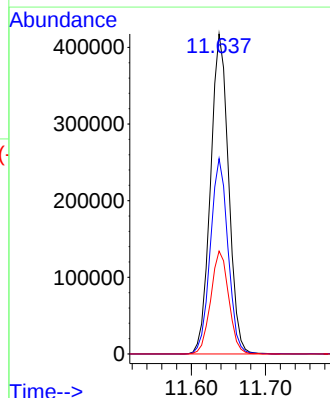
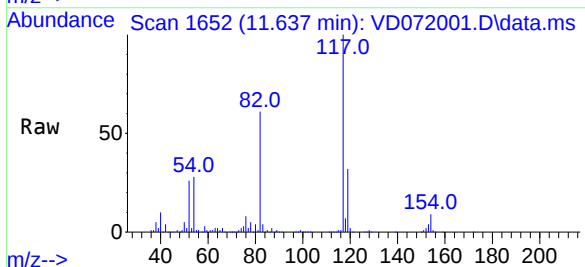
Instrument :
MSVOA_D
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VIBLK

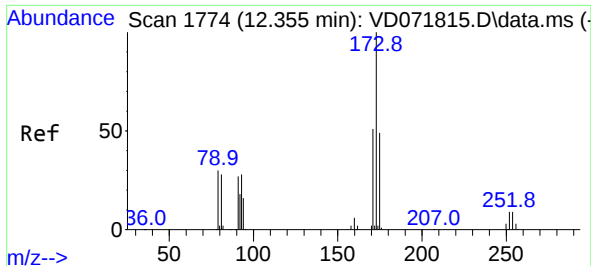
Tgt Ion: 95 Resp: 331730
Ion Ratio Lower Upper
95 100
174 74.3 0.0 152.8
176 69.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

Tgt Ion: 117 Resp: 704950
Ion Ratio Lower Upper
117 100
82 61.0 45.3 67.9
119 32.2 26.6 40.0

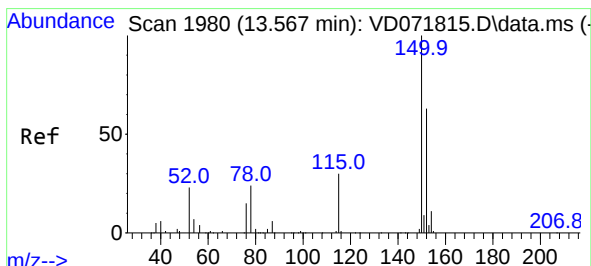
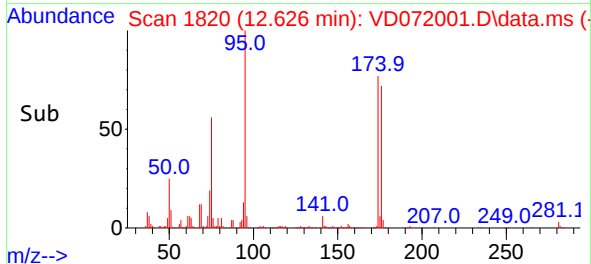
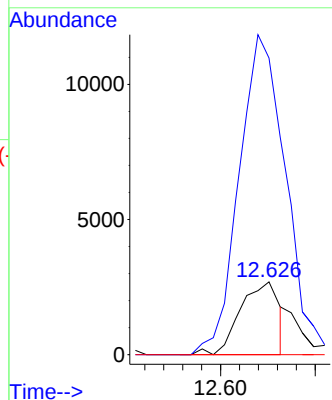
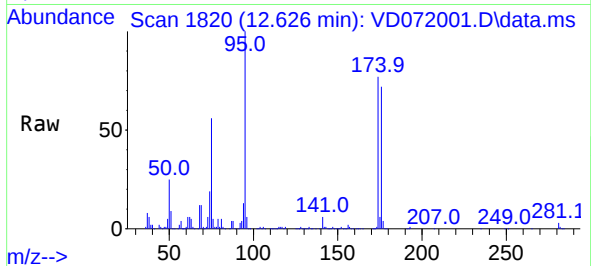




#71
Bromoform
Concen: 1.331 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.270 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

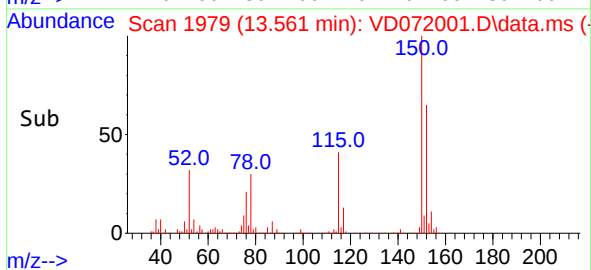
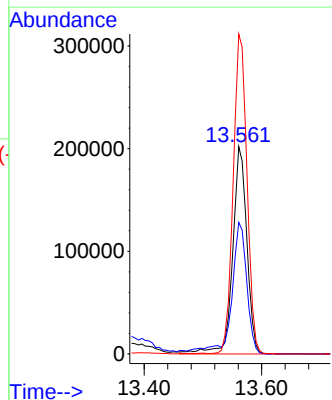
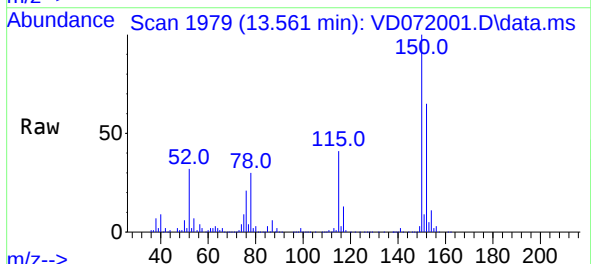
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ClientSampleId :
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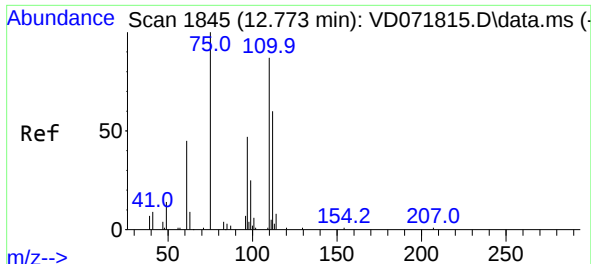
Tgt Ion:173 Resp: 3855
Ion Ratio Lower Upper
173 100
175 443.6 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

Tgt Ion:152 Resp: 339097
Ion Ratio Lower Upper
152 100
115 68.7 31.3 93.8
150 149.4 0.0 348.6

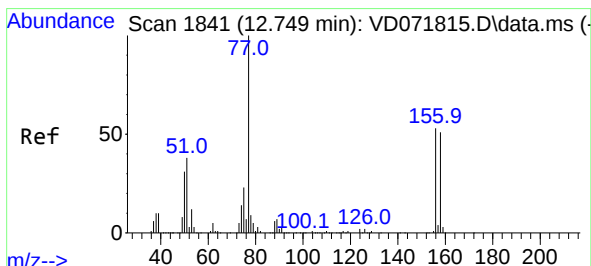
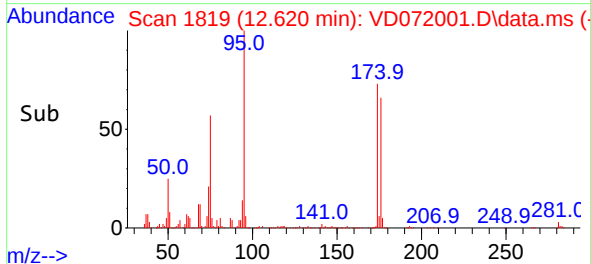
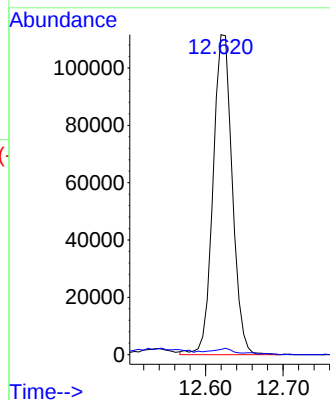
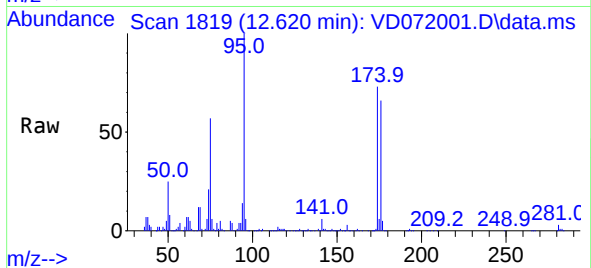




#76
1,2,3-Trichloropropane
Concen: 53.940 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

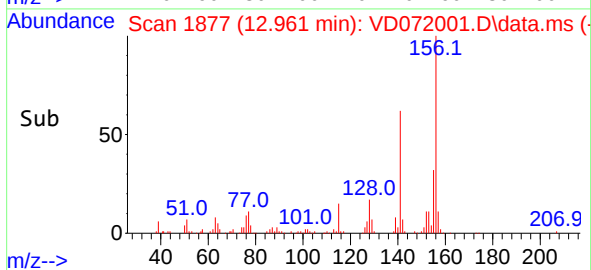
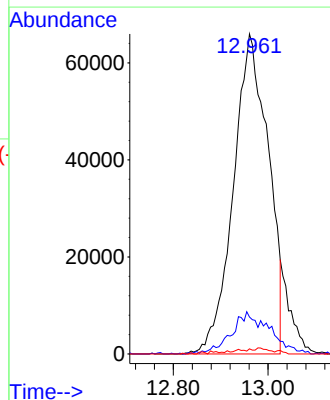
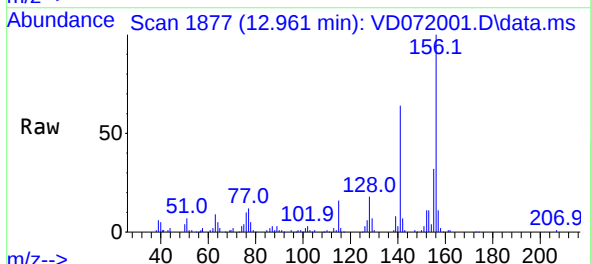
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

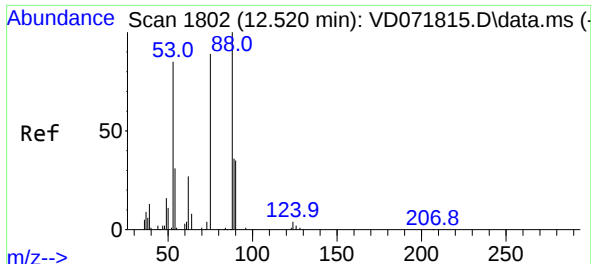
Tgt Ion: 75 Resp: 192763
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#77
Bromobenzene
Concen: 57.696 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.211 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

Tgt Ion:156 Resp: 337002
Ion Ratio Lower Upper
156 100
77 9.2 102.8 308.3#
158 0.0 48.7 146.1#

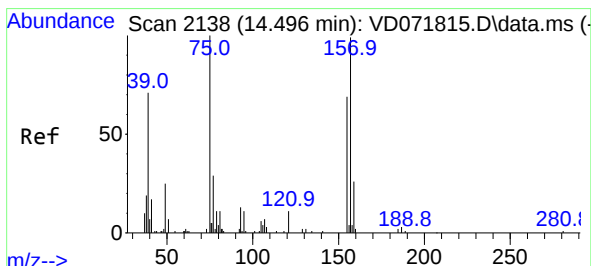
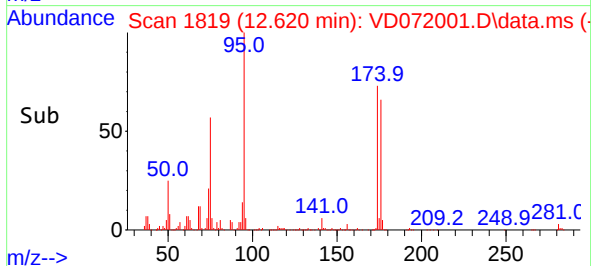
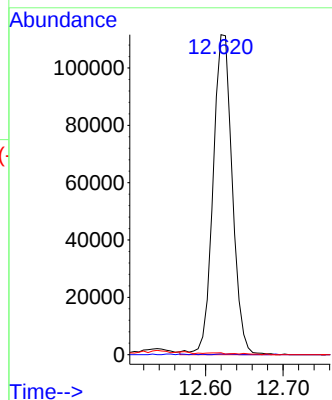
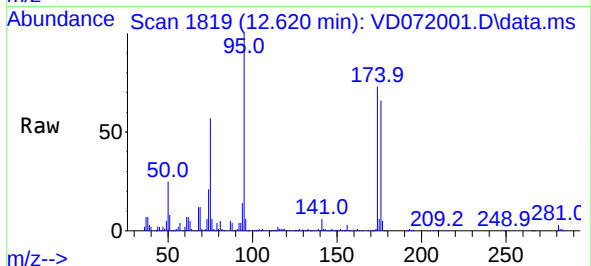




#81
trans-1,4-Dichloro-2-butene
Concen: 132.626 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

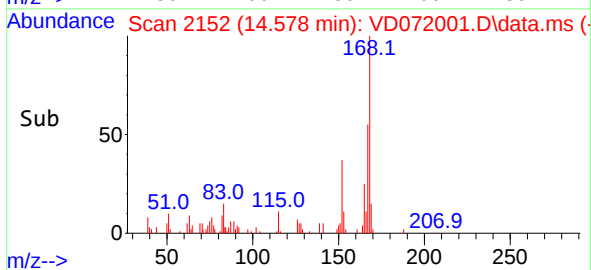
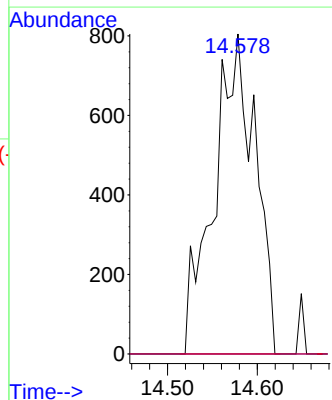
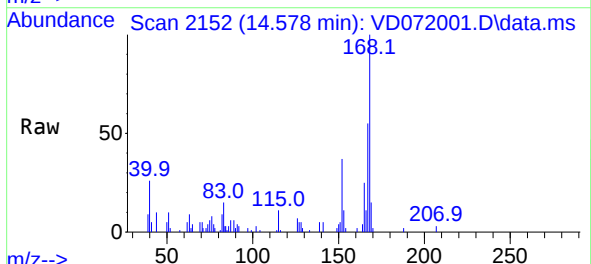
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

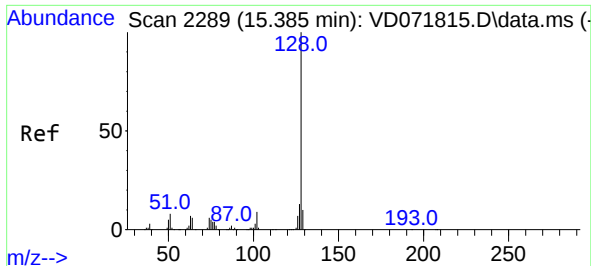
Tgt Ion: 75 Resp: 192763
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.2 33.9 50.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.210 ug/l
RT: 14.578 min Scan# 2152
Delta R.T. 0.088 min
Lab File: VD072001.D
Acq: 16 Feb 2022 19:44

Tgt Ion: 75 Resp: 2583
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#





#95

Naphthalene

Concen: 11.582 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD072001.D

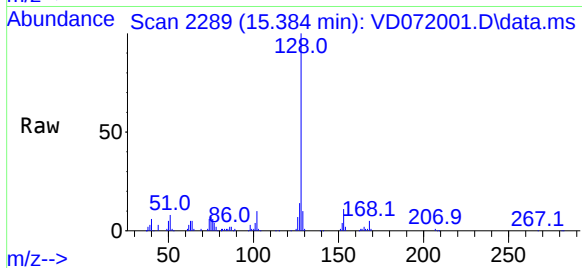
Acq: 16 Feb 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 122879

Ion Ratio Lower Upper

128 100

127 14.7 10.3 15.5

129 10.6 8.4 12.6

