

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072451.D
 Acq On : 28 Mar 2022 18:22
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 29 01:31:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

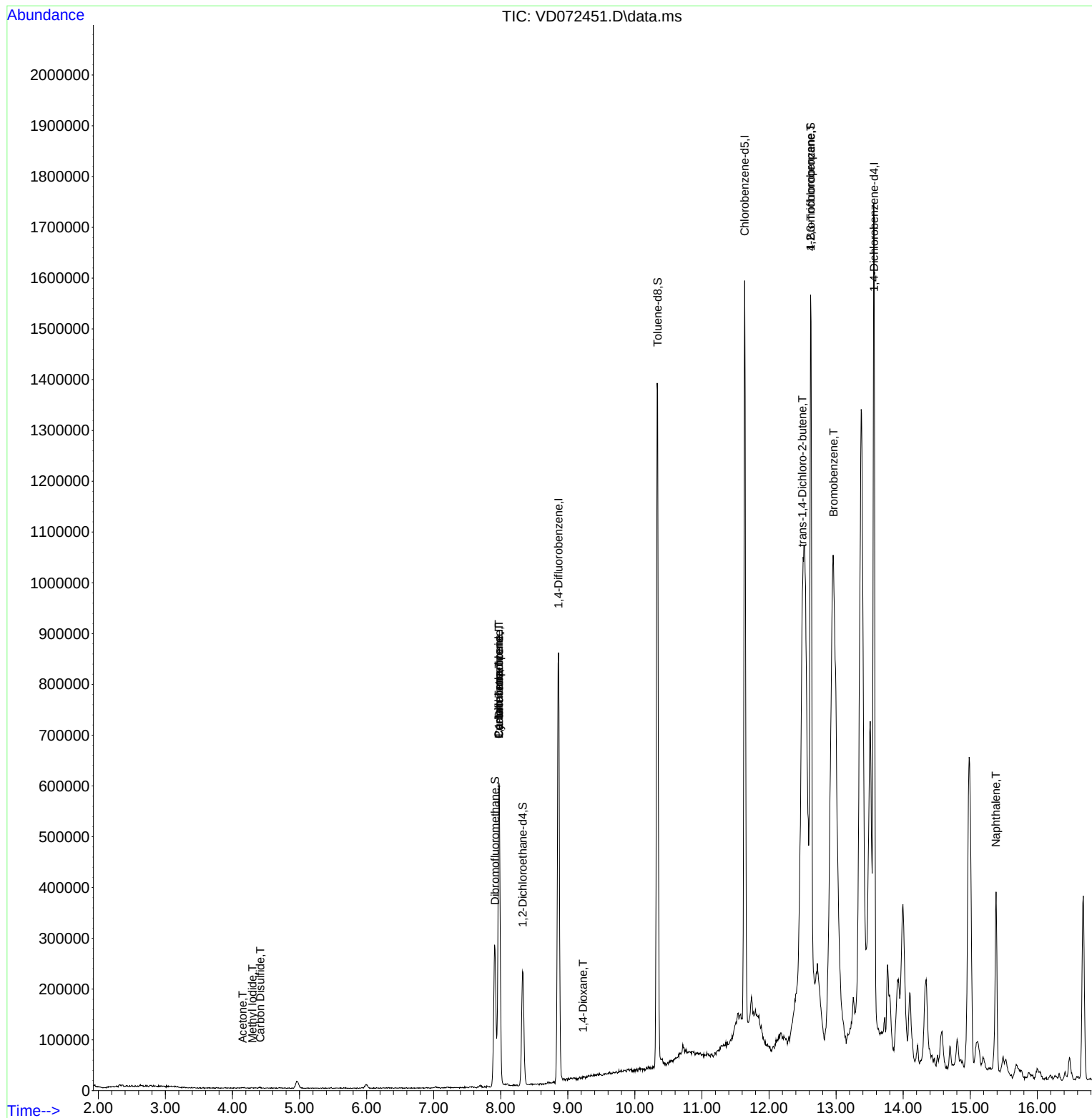
Internal Standards						
1) Pentafluorobenzene	7.973	168	444590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	731554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	828795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	438631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177697	35.864	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	71.720%		
35) Dibromofluoromethane	7.914	113	202155	39.269	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.540%		
50) Toluene-d8	10.338	98	936874	49.771	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.540%		
62) 4-Bromofluorobenzene	12.620	95	434295	59.378	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	118.760%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	1202	2.479	ug/l #	51
16) Acetone	4.150	43	2671	2.483	ug/l #	47
17) Carbon Disulfide	4.415	76	2900	1.796	ug/l #	74
20) Methylene Chloride	4.973	84	10094	Below Cal	#	72
31) Cyclohexane	7.973	56	10761	1.390	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	36732	5.086	ug/l #	52
38) Carbon Tetrachloride	7.973	117	46247	5.633	ug/l #	17
49) 1,4-Dioxane	9.226	88	56	1.680	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	232426	48.037	ug/l #	100
77) Bromobenzene	12.961	156	1286458	164.436	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.496	75	33466	17.161	ug/l #	10
95) Naphthalene	15.385	128	326358	20.004	ug/l	98

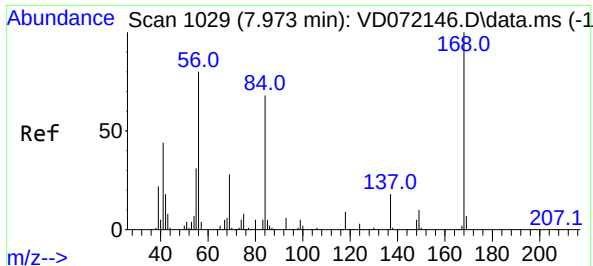
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
Data File : VD072451.D
Acq On : 28 Mar 2022 18:22
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Mar 29 01:31:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

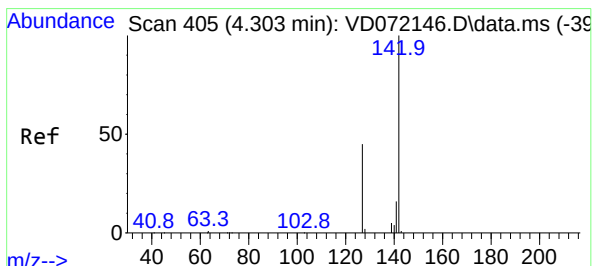
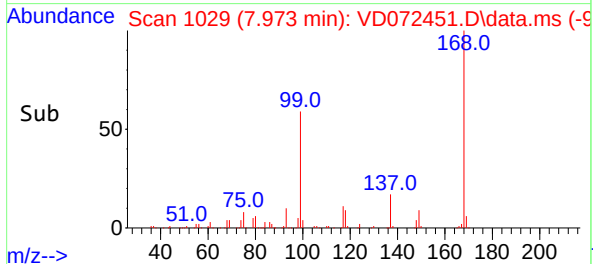
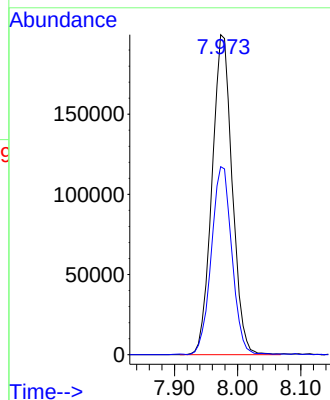
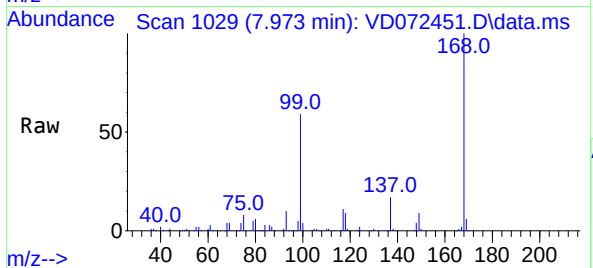




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

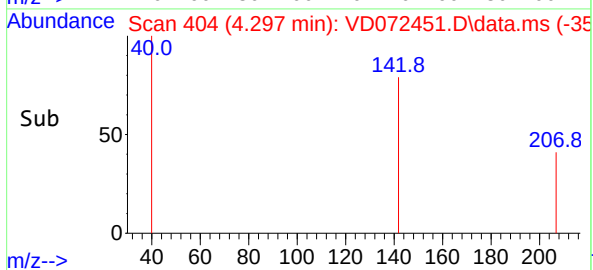
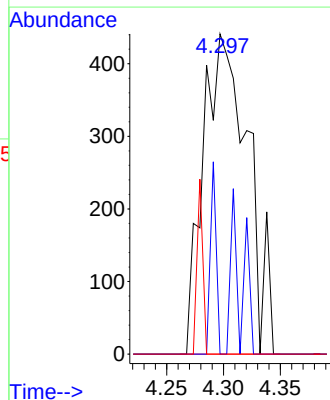
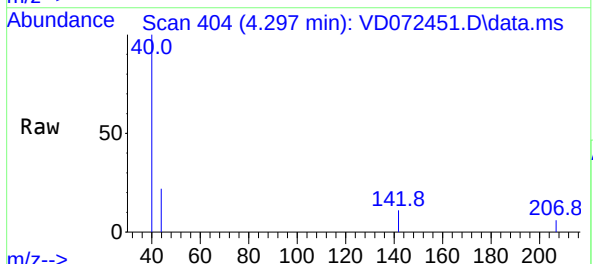
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

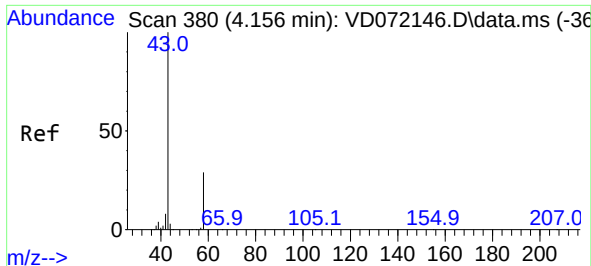
Tgt Ion:168 Resp: 444590
Ion Ratio Lower Upper
168 100
99 58.5 49.8 74.6



#10
Methyl Iodide
Concen: 2.479 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

Tgt Ion:142 Resp: 1202
Ion Ratio Lower Upper
142 100
127 7.8 37.3 55.9#
141 7.1 11.7 17.5#

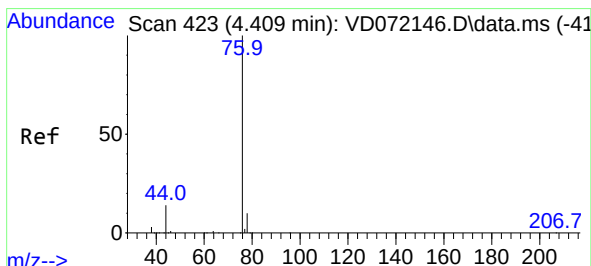
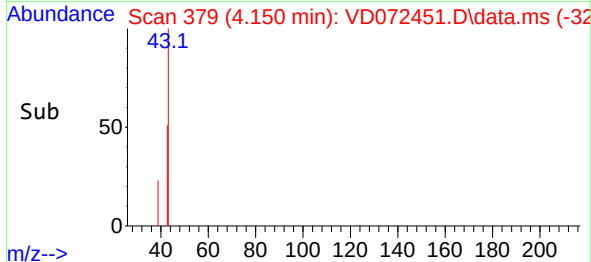
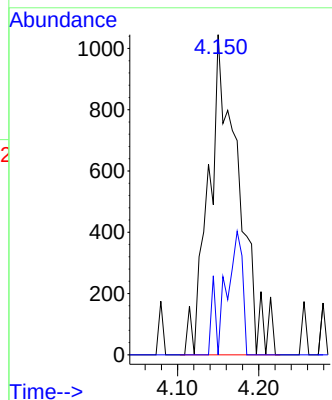
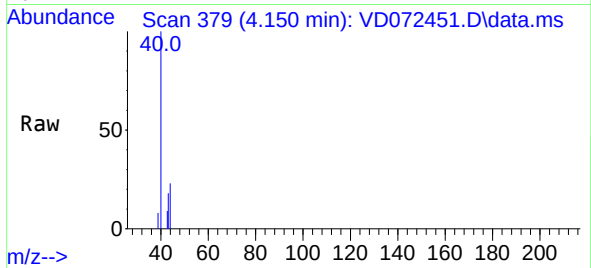




#16
Acetone
Concen: 2.483 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

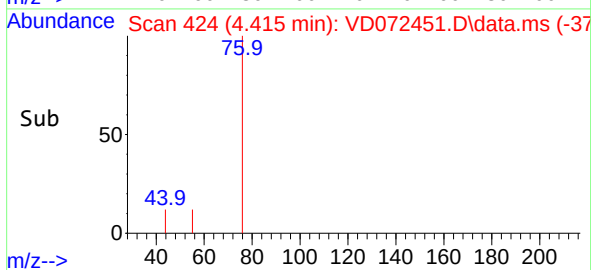
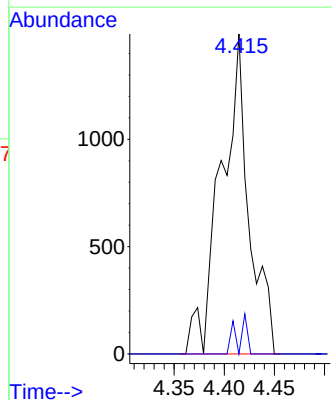
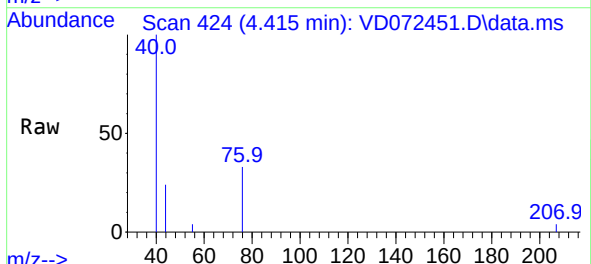
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

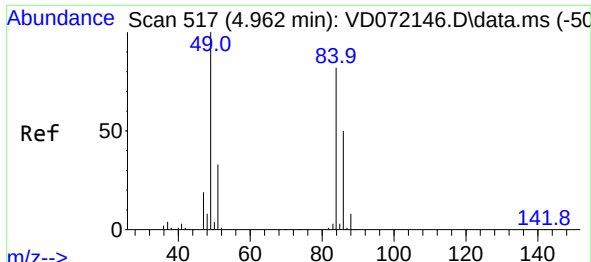
Tgt Ion: 43 Resp: 2671
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#17
Carbon Disulfide
Concen: 1.796 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

Tgt Ion: 76 Resp: 2900
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



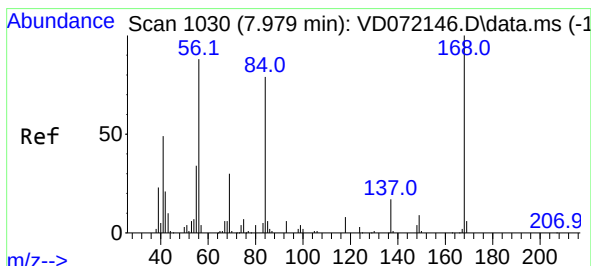
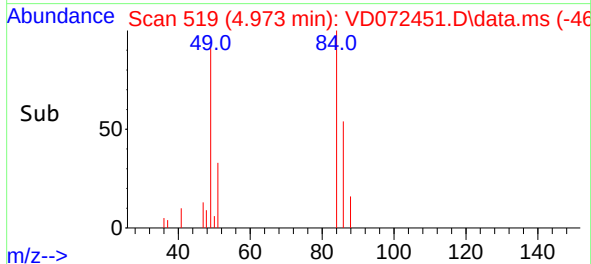
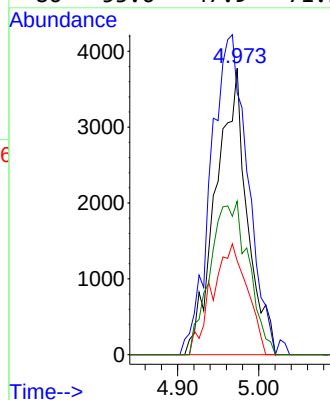
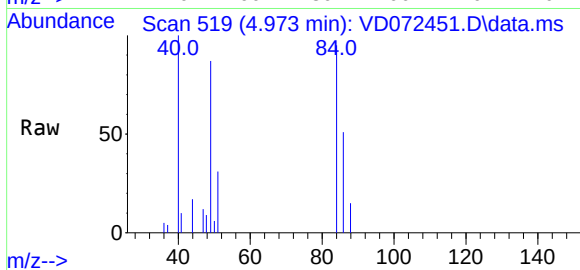


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 10094

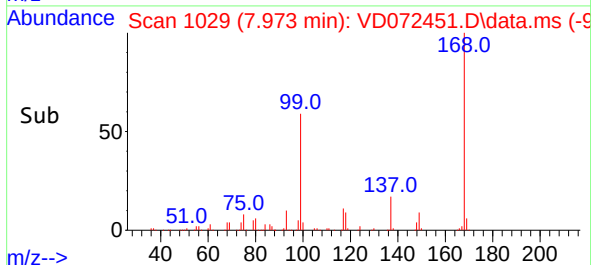
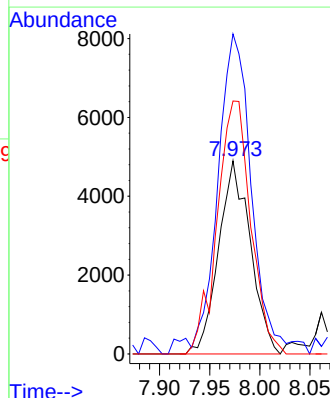
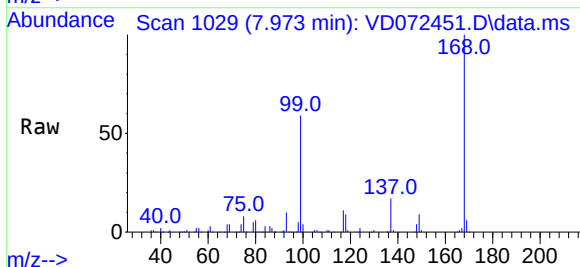
Ion	Ratio	Lower	Upper
84	100		
49	91.5	112.8	169.2#
51	32.7	32.6	48.8
86	53.6	47.9	71.9

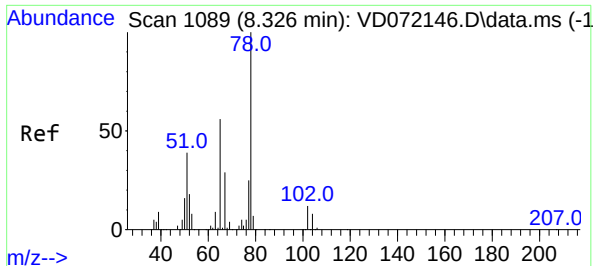


#31
Cyclohexane
Concen: 1.390 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

Tgt Ion: 56 Resp: 10761

Ion	Ratio	Lower	Upper
56	100		
69	159.1	25.4	38.2#
84	131.0	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 35.864 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072451.D

Acq: 28 Mar 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

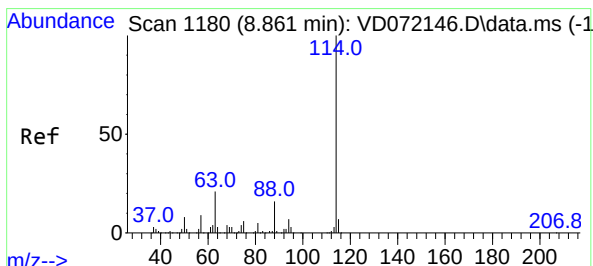
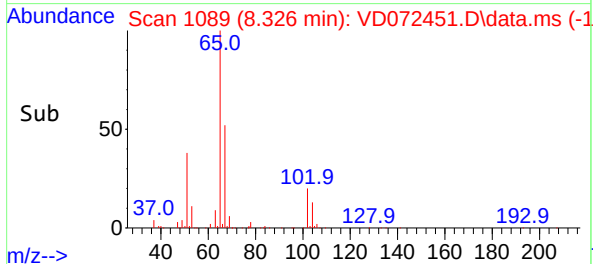
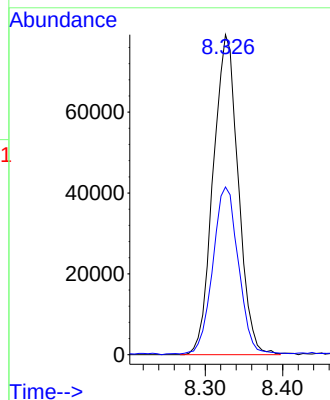
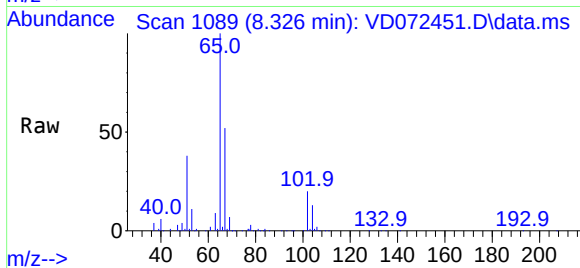
VIBLK

Tgt Ion: 65 Resp: 177697

Ion Ratio Lower Upper

65 100

67 54.2 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: VD072451.D

Acq: 28 Mar 2022 18:22

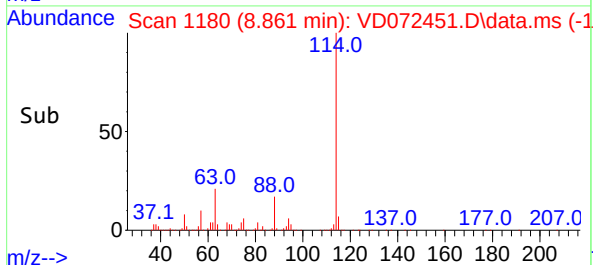
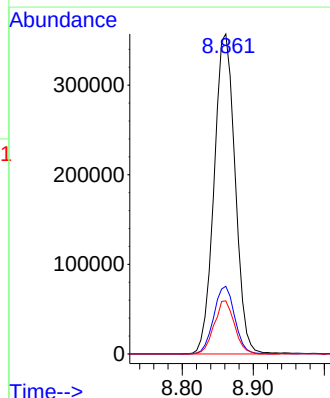
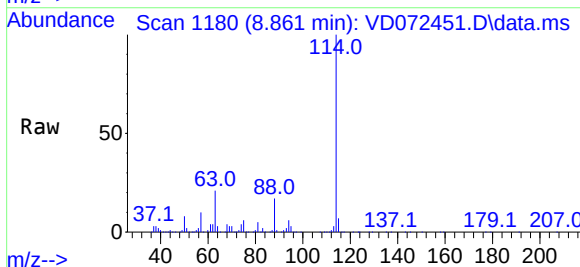
Tgt Ion: 114 Resp: 731554

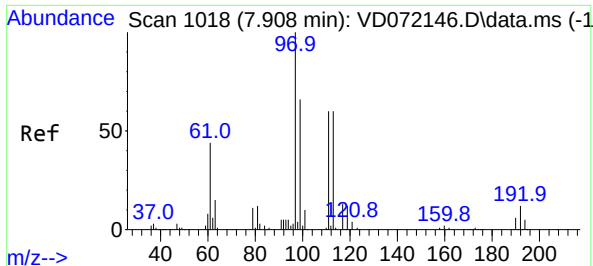
Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 16.6 0.0 33.2

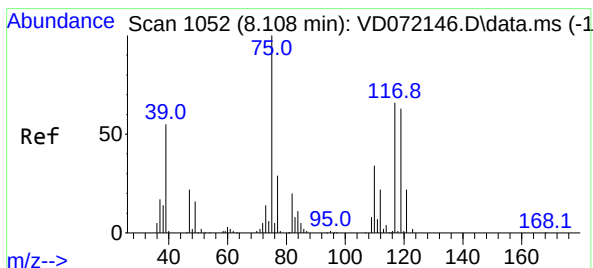
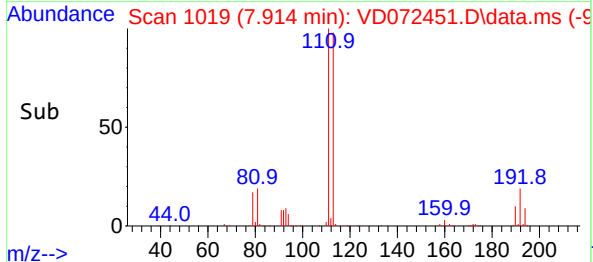
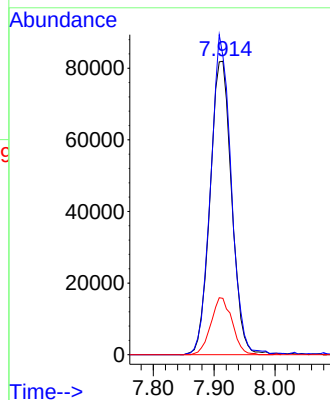
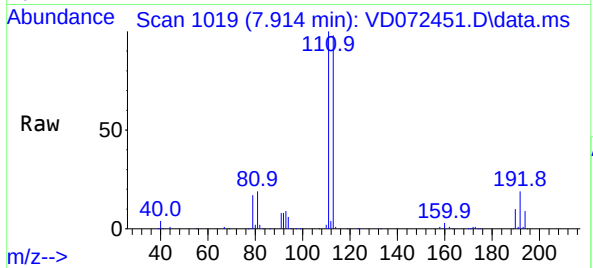




#35
Dibromofluoromethane
Concen: 39.269 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

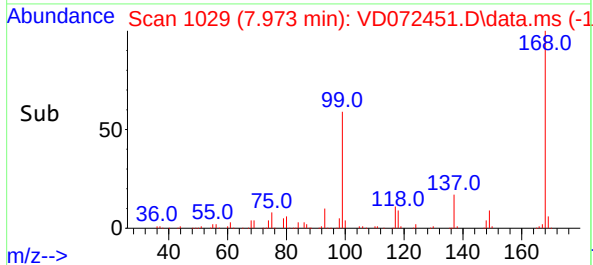
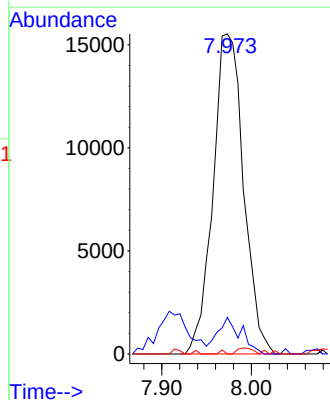
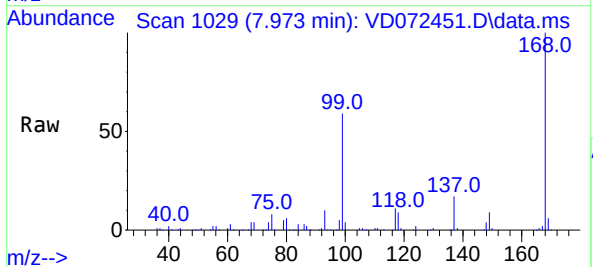
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

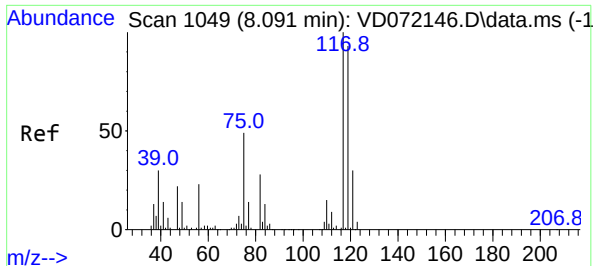
Tgt Ion:113 Resp: 202155
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 19.1 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.086 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

Tgt Ion: 75 Resp: 36732
Ion Ratio Lower Upper
75 100
110 8.8 16.4 49.1#
77 0.9 24.2 36.2#

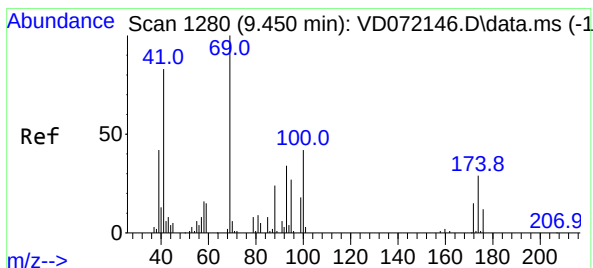
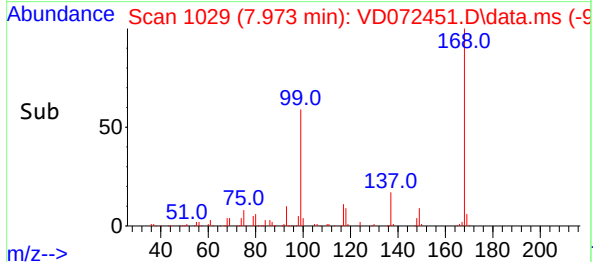
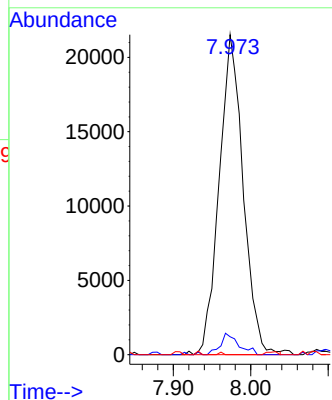
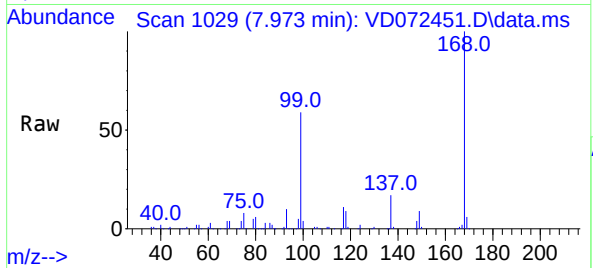




#38
Carbon Tetrachloride
Concen: 5.633 ug/l
RT: 7.973 min Scan# 11
Delta R.T. -0.118 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

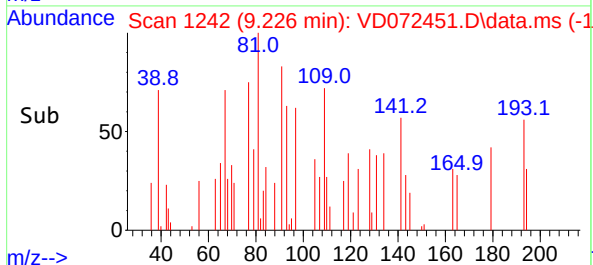
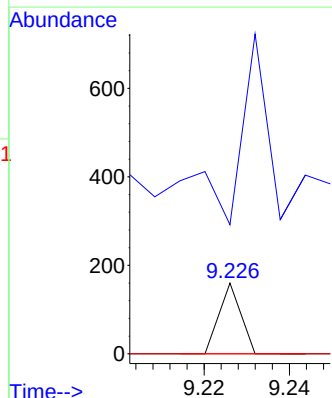
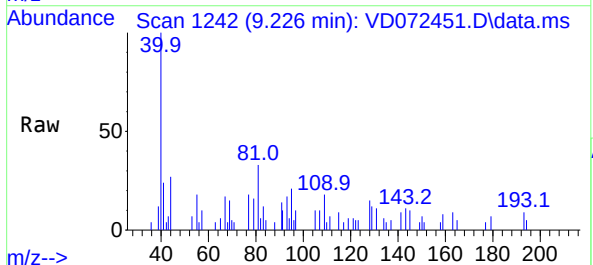
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

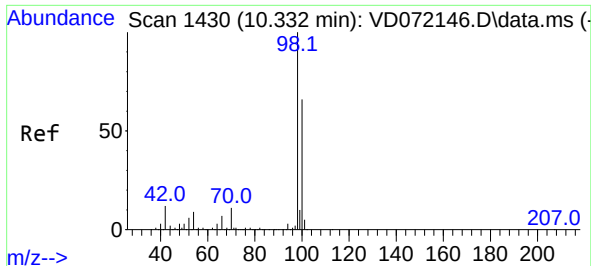
Tgt Ion:117 Resp: 46247
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 1.680 ug/l
RT: 9.226 min Scan# 1242
Delta R.T. -0.223 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 1266.1 31.0 46.4#
58 0.0 58.1 87.1#

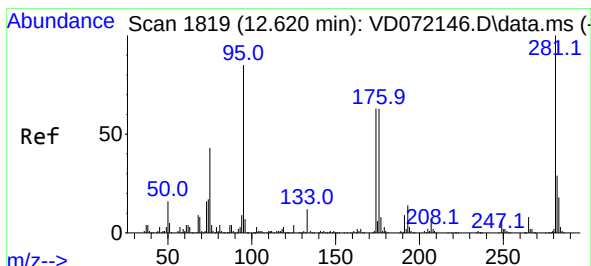
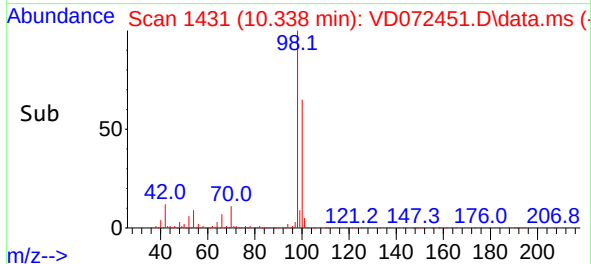
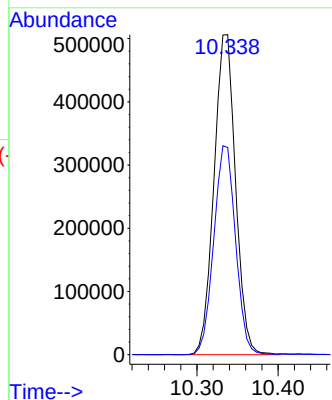
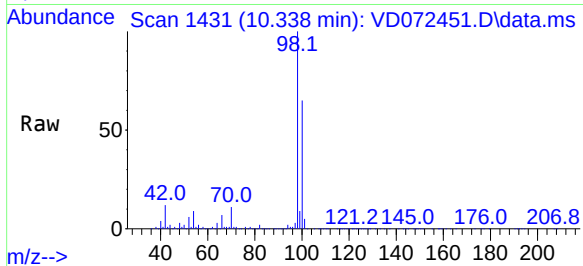




#50
Toluene-d8
Concen: 49.771 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

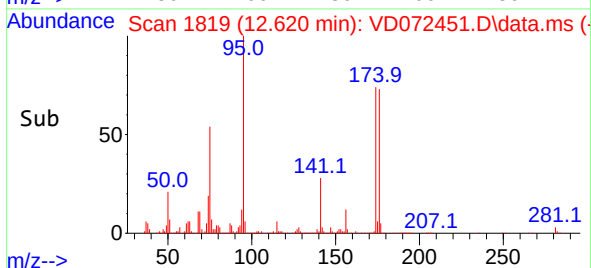
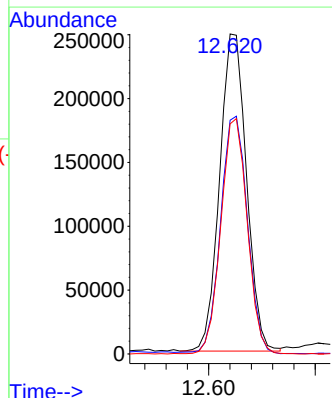
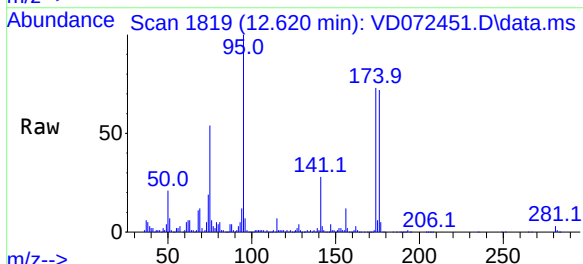
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

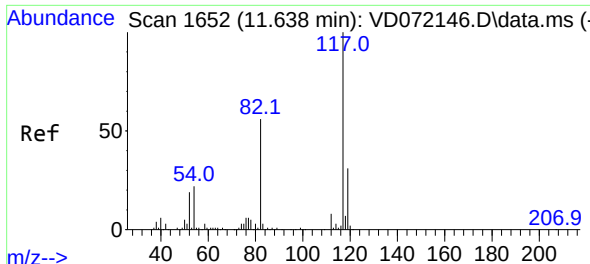
Tgt Ion: 98 Resp: 936874
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 59.378 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

Tgt Ion: 95 Resp: 434295
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 73.1 0.0 145.4

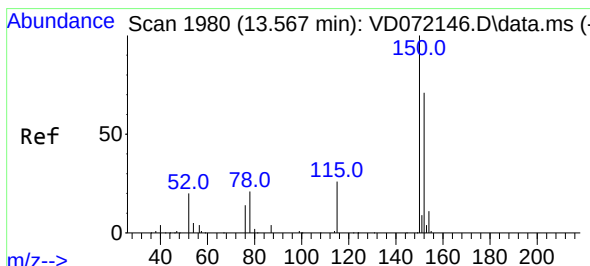
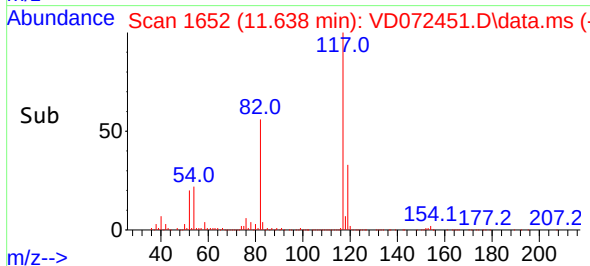
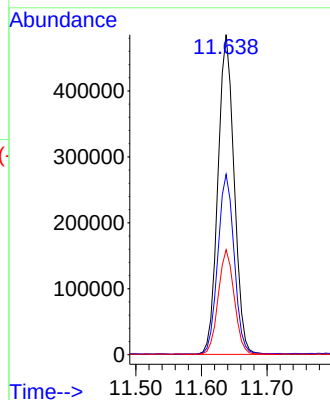
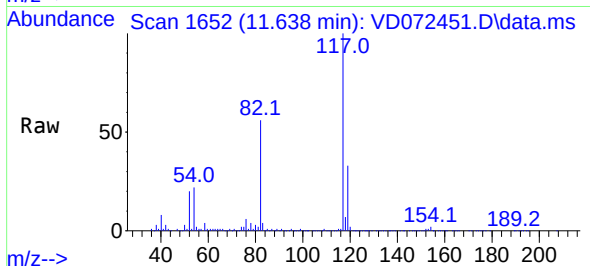




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

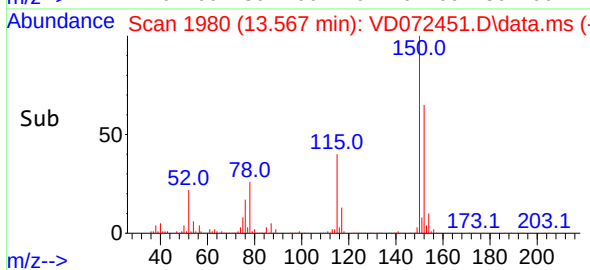
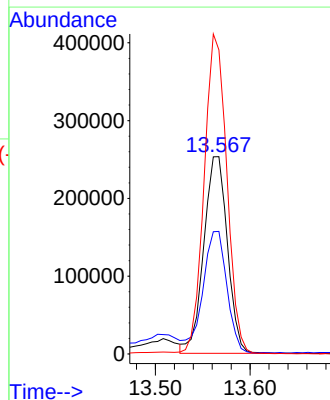
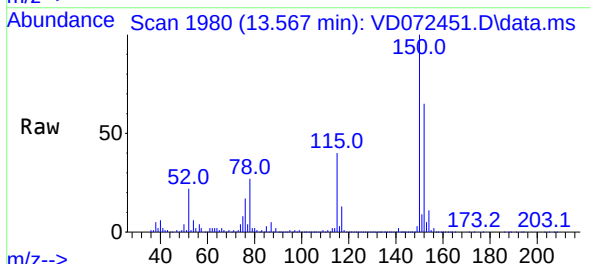
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

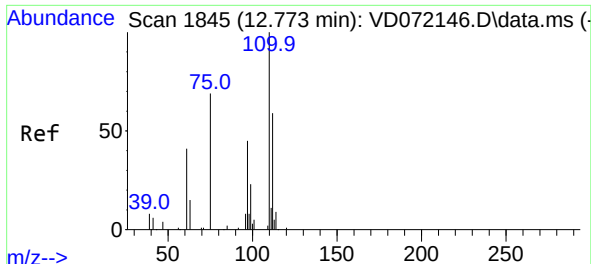
Tgt Ion:117 Resp: 828795
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

Tgt Ion:152 Resp: 438631
Ion Ratio Lower Upper
152 100
115 63.1 31.3 93.8
150 155.7 0.0 348.6

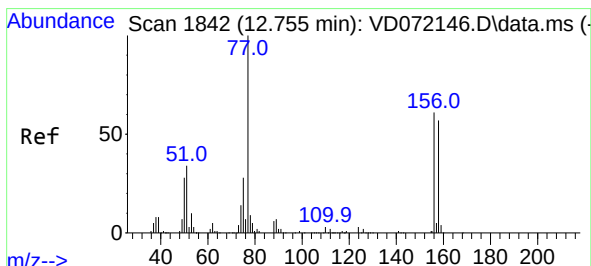
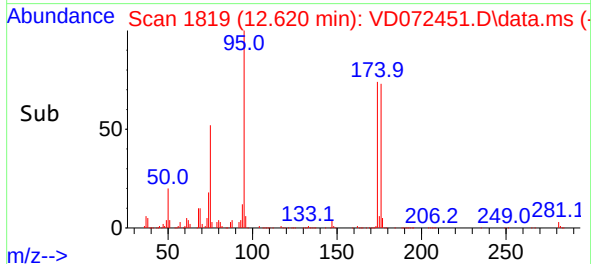
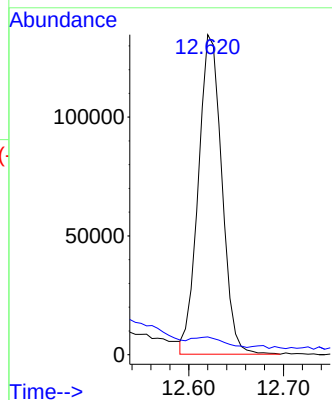
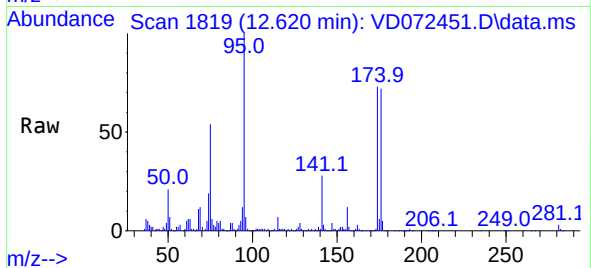




#76
1,2,3-Trichloropropane
Concen: 48.037 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

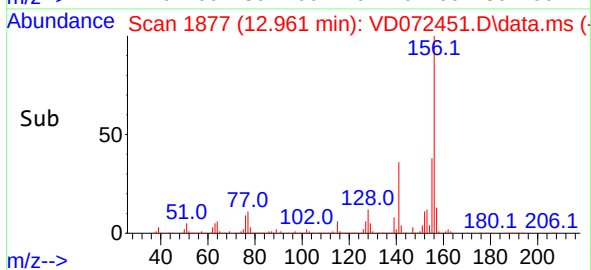
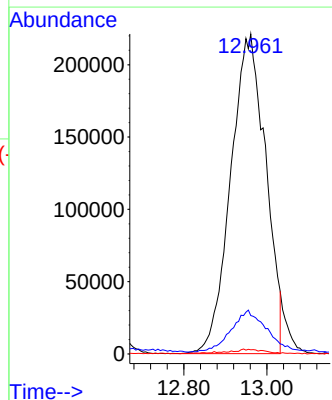
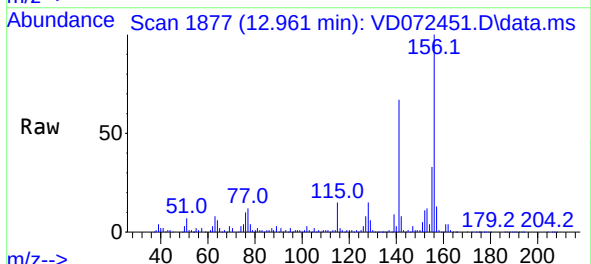
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

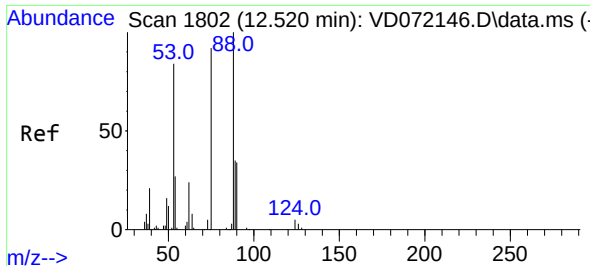
Tgt Ion: 75 Resp: 232426
Ion Ratio Lower Upper
75 100
77 4.3 0.0 0.0#



#77
Bromobenzene
Concen: 164.436 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.206 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

Tgt Ion:156 Resp: 1286458
Ion Ratio Lower Upper
156 100
77 12.7 102.8 308.3#
158 0.1 48.7 146.1#

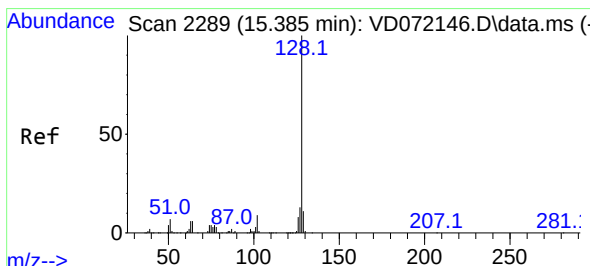
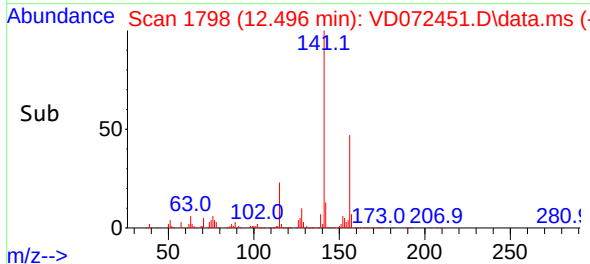
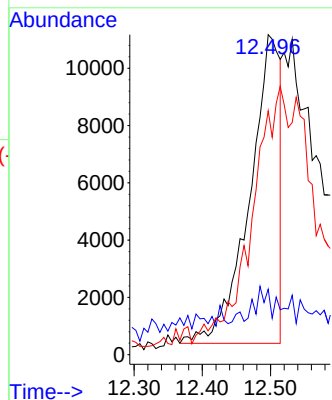
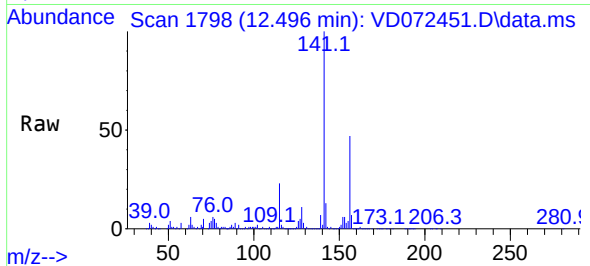




#81
trans-1,4-Dichloro-2-butene
Concen: 17.161 ug/l
RT: 12.496 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 33466
Ion Ratio Lower Upper
75 100
53 4.5 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 20.004 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072451.D
Acq: 28 Mar 2022 18:22

Tgt Ion:128 Resp: 326358
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.3 8.4 12.6

