

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072959.D
 Acq On : 12 May 2022 20:44
 Operator : VA/SY
 Sample : N2817-01
 Misc : 5.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 13 05:58:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	303302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	560627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	538326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	214555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	181356	46.063	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.120%		
35) Dibromofluoromethane	7.908	113	187948	47.735	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.460%		
50) Toluene-d8	10.332	98	672827	47.638	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.280%		
62) 4-Bromofluorobenzene	12.620	95	226038	42.921	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.840%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	1081	Below Cal	#	55
11) Tert butyl alcohol	5.191	59	12215	35.859	ug/l #	74
16) Acetone	4.156	43	6986	Below Cal	#	86
18) Methyl Acetate	4.708	43	59	Below Cal	#	55
20) Methylene Chloride	4.955	84	17409	Below Cal	#	85
25) 2-Butanone	7.202	43	1188	1.036	ug/l #	52
29) Tetrahydrofuran	7.549	42	945	1.292	ug/l #	56
31) Cyclohexane	7.967	56	7310	1.062	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	25883	4.043	ug/l #	50
38) Carbon Tetrachloride	7.973	117	33693	5.070	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	117381	49.064	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	117381	112.826	ug/l #	7

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

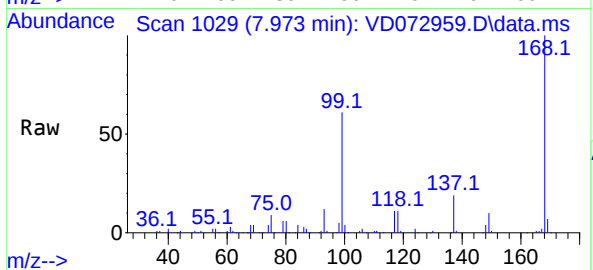
Quant Time: May 13 05:58:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration



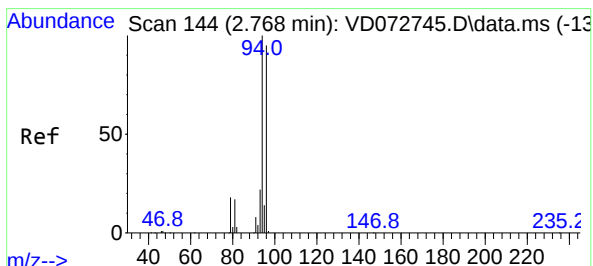
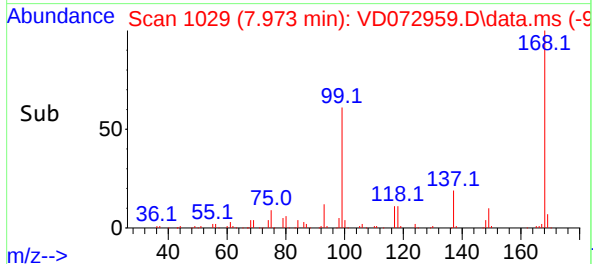
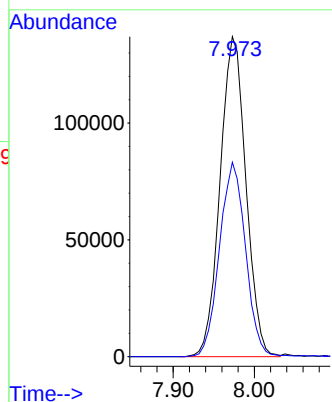


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

Instrument :
MSVOA_D
ClientSampleId :

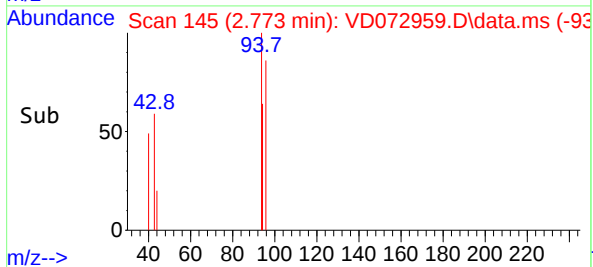
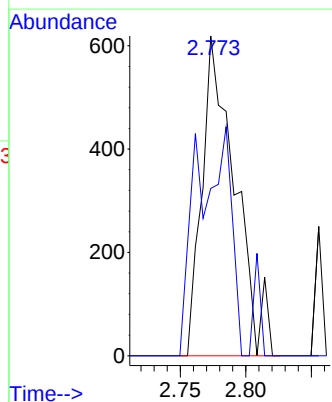
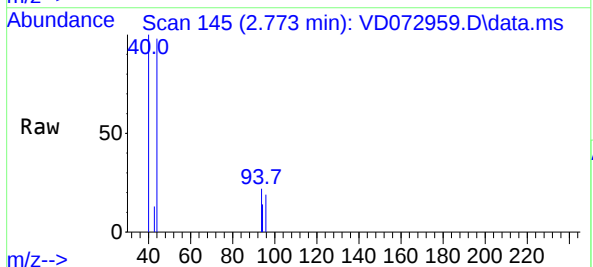


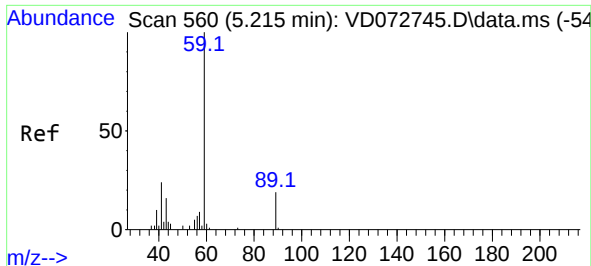
Tgt Ion:168 Resp: 303302
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

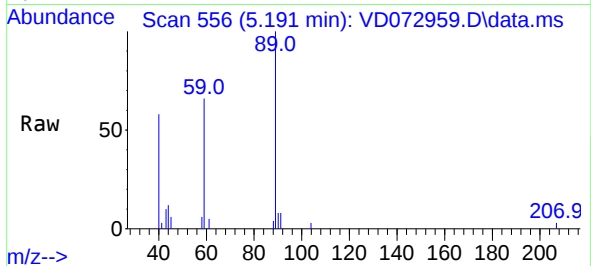
Tgt Ion: 94 Resp: 1081
Ion Ratio Lower Upper
94 100
96 52.3 77.6 116.4#



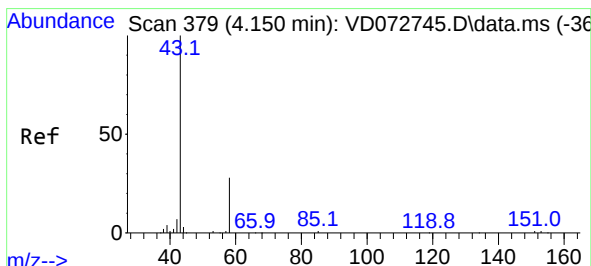
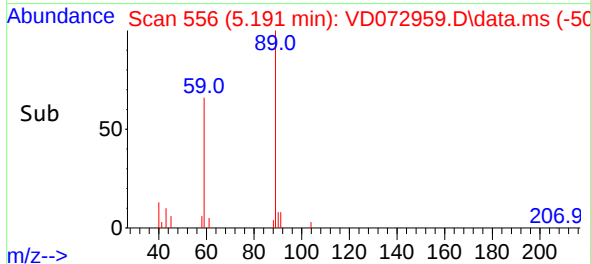
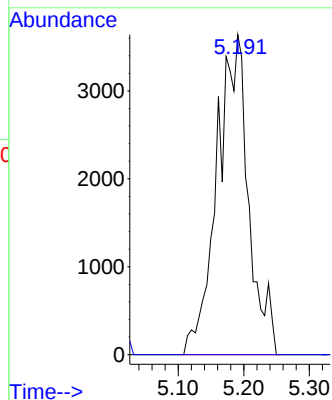


#11
Tert butyl alcohol
Concen: 35.859 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

Instrument :
MSVOA_D
ClientSampleId :

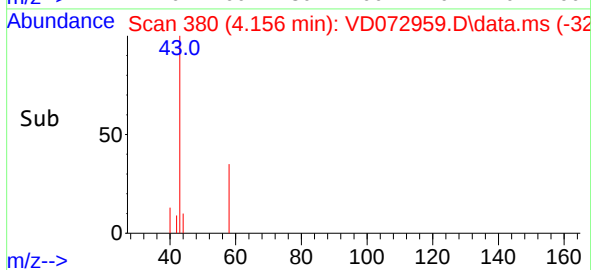
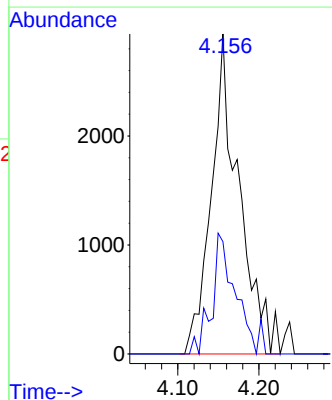
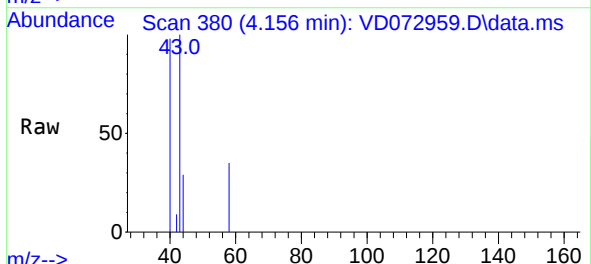


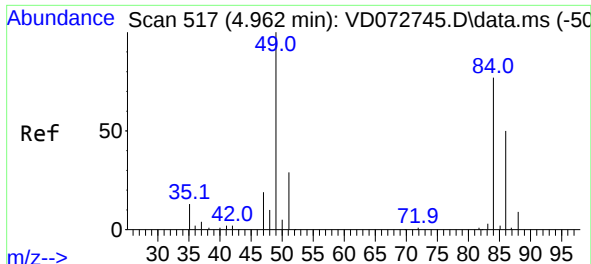
Tgt Ion: 59 Resp: 12215
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

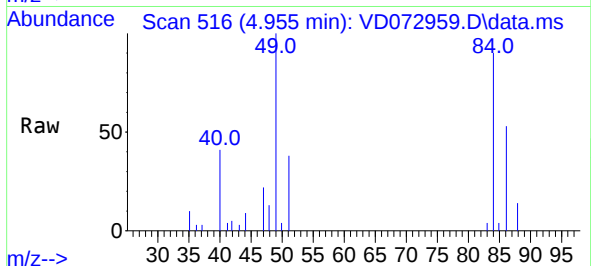
Tgt Ion: 43 Resp: 6986
Ion Ratio Lower Upper
43 100
58 35.1 22.1 33.1#





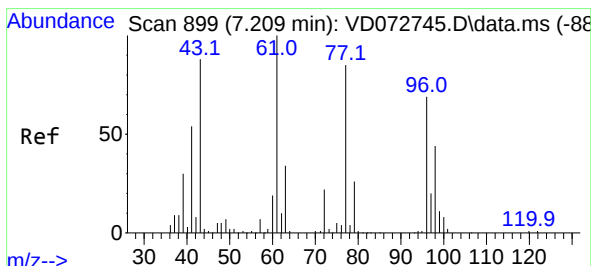
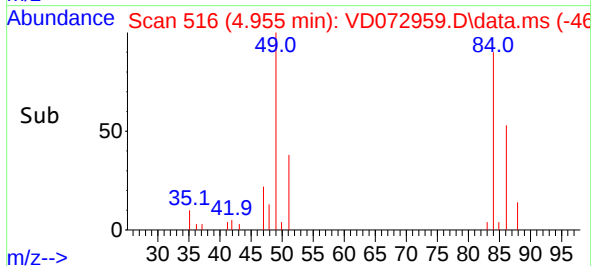
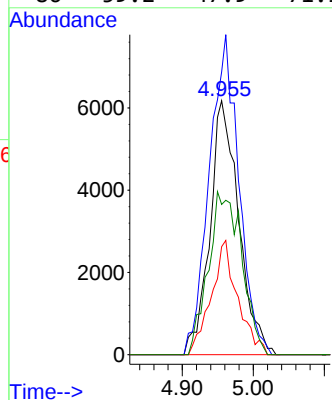
#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 517
Delta R.T. -0.007 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 17409

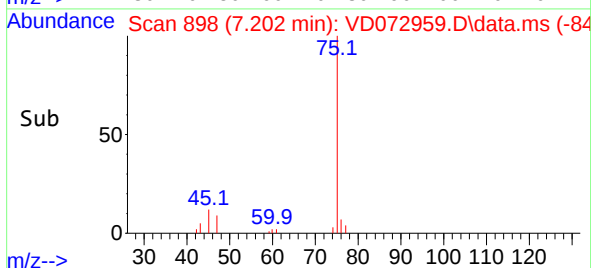
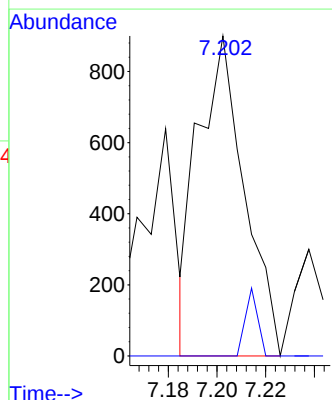
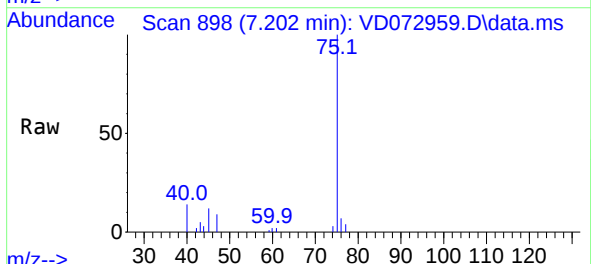
Ion	Ratio	Lower	Upper
84	100		
49	111.4	112.8	169.2#
51	42.5	32.6	48.8
86	59.2	47.9	71.9

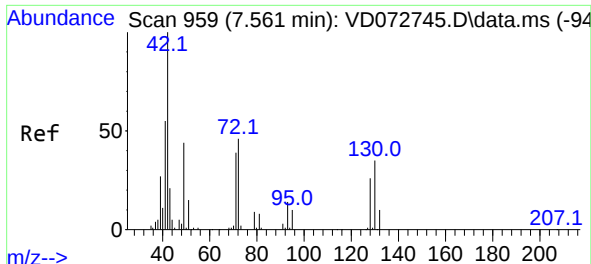


#25
2-Butanone
Concen: 1.036 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.007 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

Tgt Ion: 43 Resp: 1188

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#29

Tetrahydrofuran

Concen: 1.292 ug/l

RT: 7.549 min Scan# 91

Delta R.T. -0.012 min

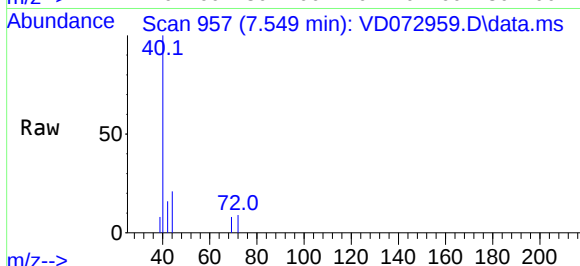
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Acq: 12 May 2022 20:44

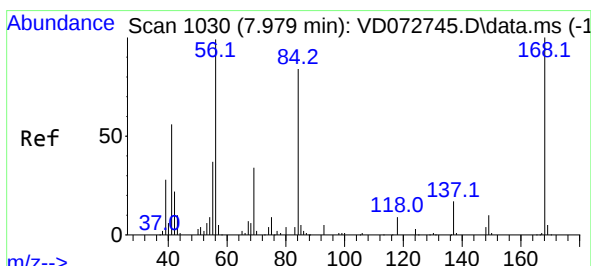
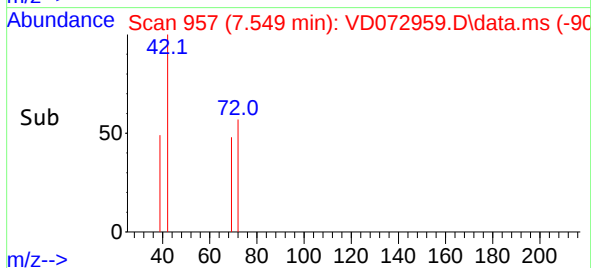
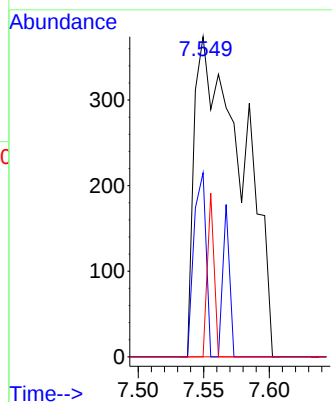
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	945
Ion	Ratio	Lower	Upper
42	100		
72	14.5	30.7	46.1#
71	7.1	28.6	43.0#



#31

Cyclohexane

Concen: 1.062 ug/l

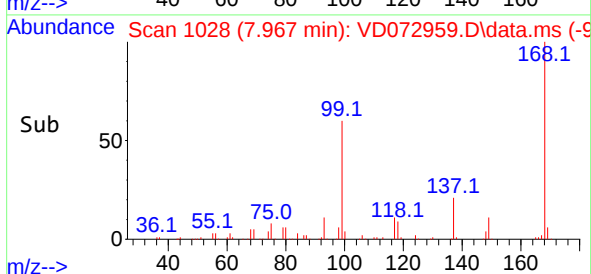
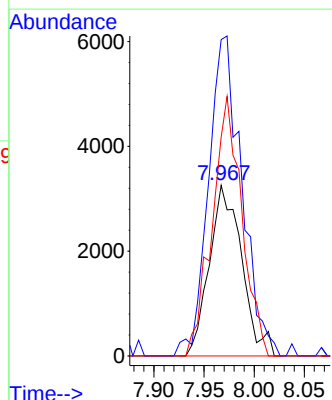
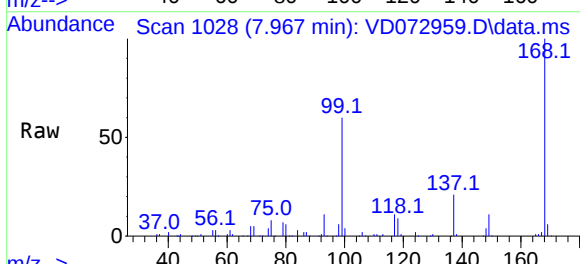
RT: 7.967 min Scan# 1028

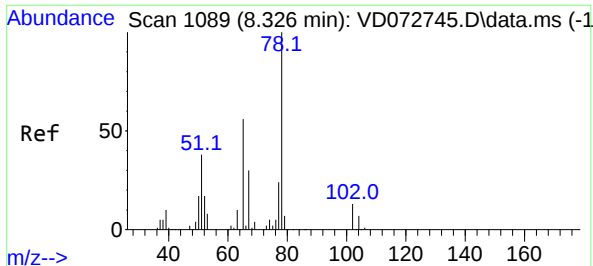
Delta R.T. -0.012 min

Lab File: VD072959.D

Acq: 12 May 2022 20:44

Tgt Ion:	56	Resp:	7310
Ion	Ratio	Lower	Upper
56	100		
69	185.4	25.4	38.2#
84	128.2	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.063 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD072959.D

Acq: 12 May 2022 20:44

Instrument :

MSVOA_D

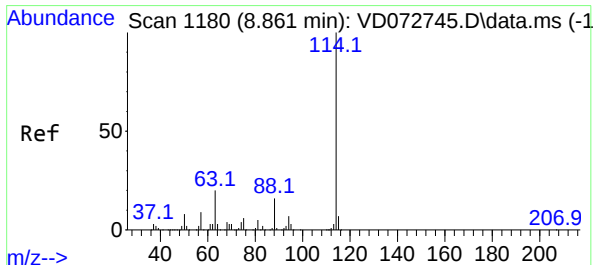
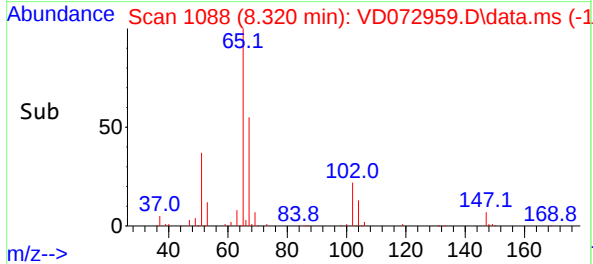
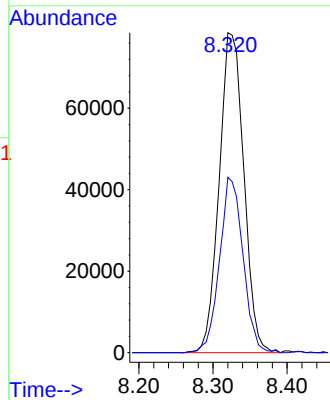
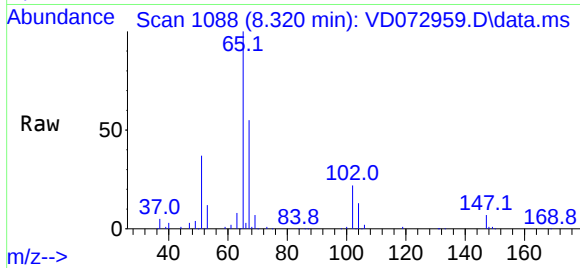
ClientSampleId :

Tgt Ion: 65 Resp: 181356

Ion Ratio Lower Upper

65 100

67 52.2 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: VD072959.D

Acq: 12 May 2022 20:44

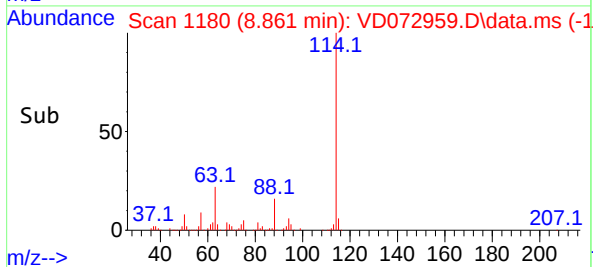
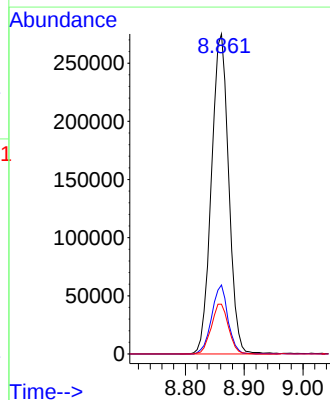
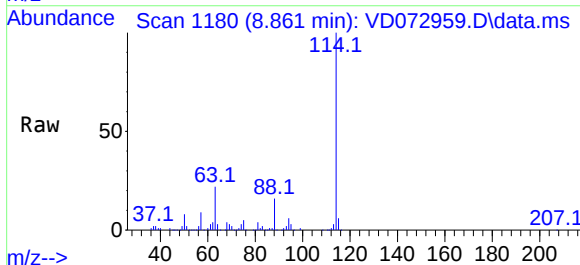
Tgt Ion: 114 Resp: 560627

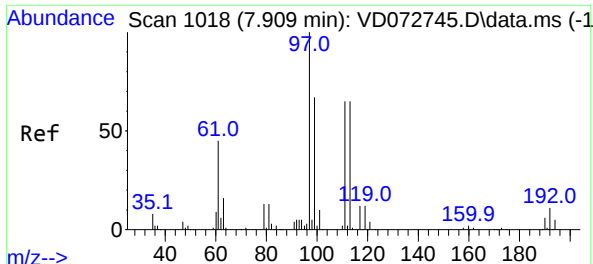
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

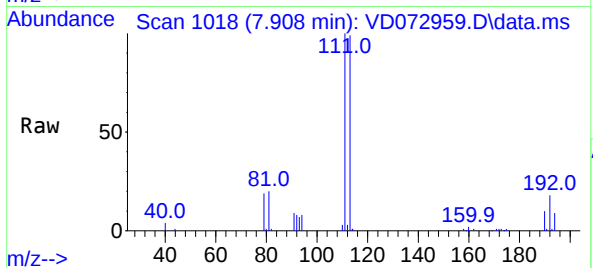
88 15.5 0.0 33.2



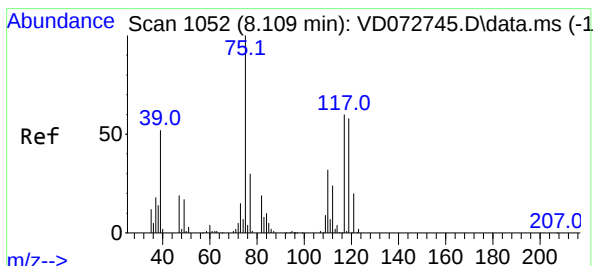
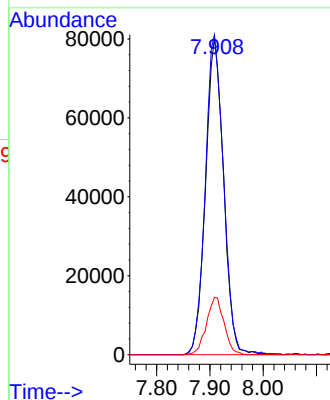
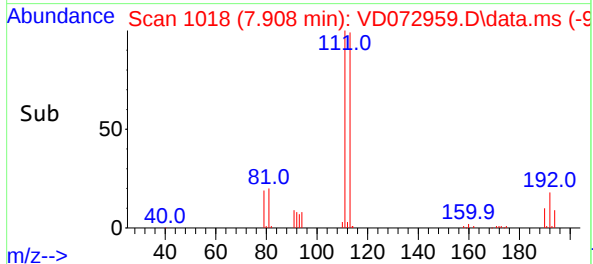


#35
Dibromofluoromethane
Concen: 47.735 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

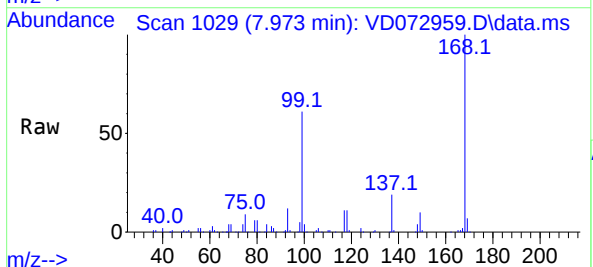
Instrument :
MSVOA_D
ClientSampleId :



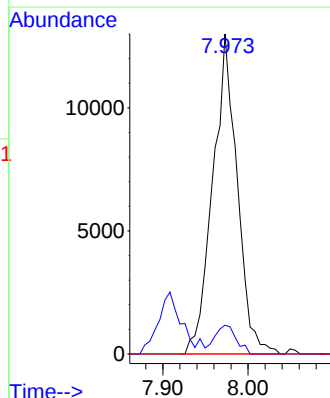
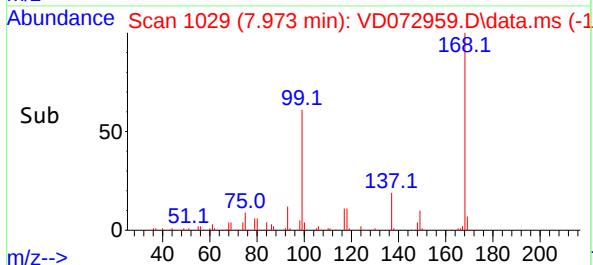
Tgt Ion:113 Resp: 187948
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 17.8 14.6 21.8

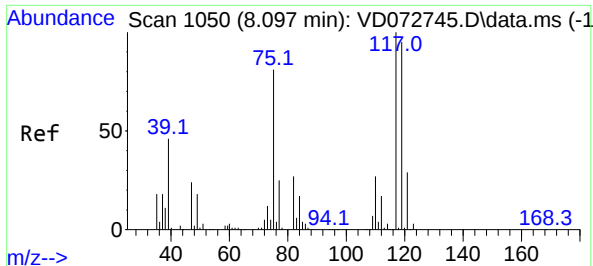


#36
1,1-Dichloropropene
Concen: 4.043 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44



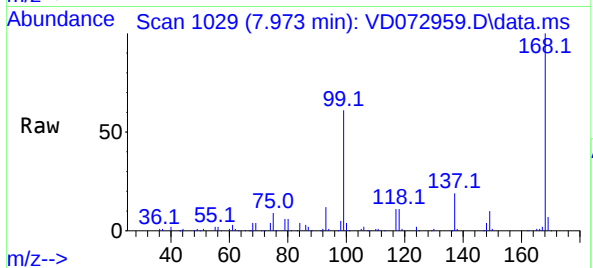
Tgt Ion: 75 Resp: 25883
Ion Ratio Lower Upper
75 100
110 7.8 16.4 49.1#
77 0.0 24.2 36.2#



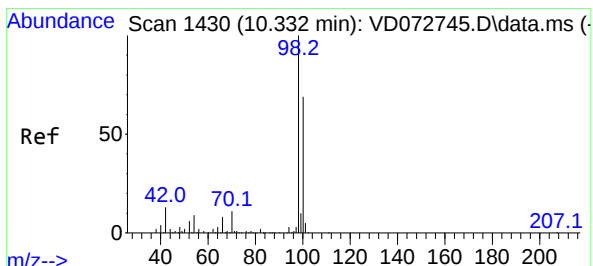
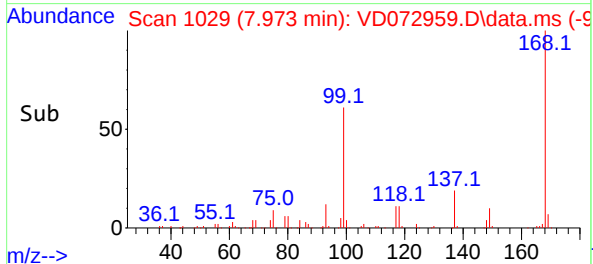
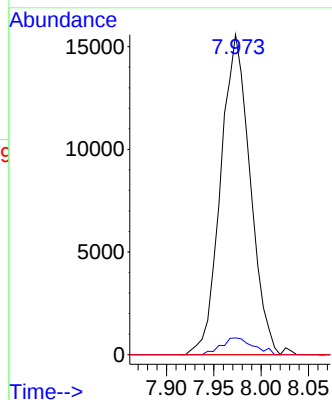


#38
Carbon Tetrachloride
Concen: 5.070 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

Instrument :
MSVOA_D
ClientSampleId :

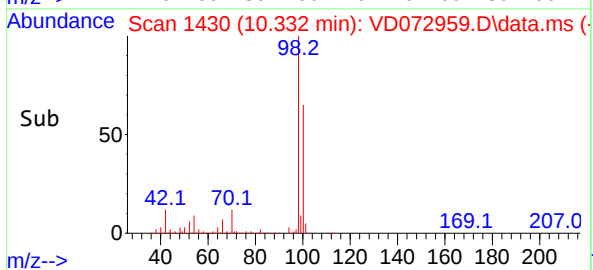
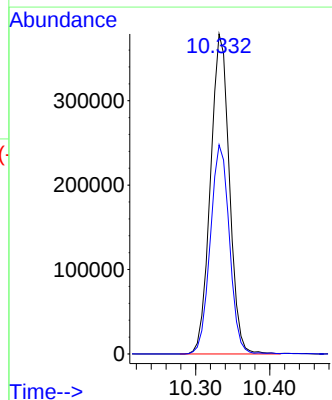
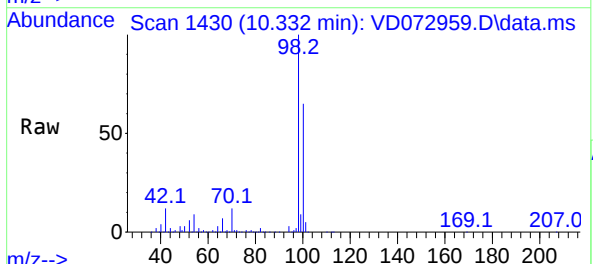


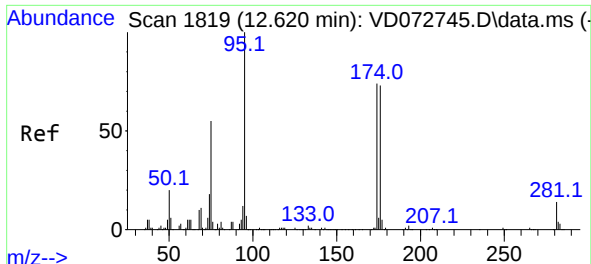
Tgt Ion:117 Resp: 33693
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 47.638 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

Tgt Ion: 98 Resp: 672827
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

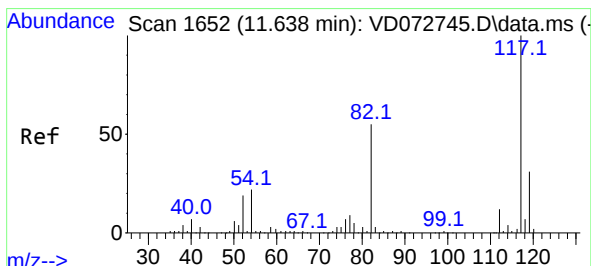
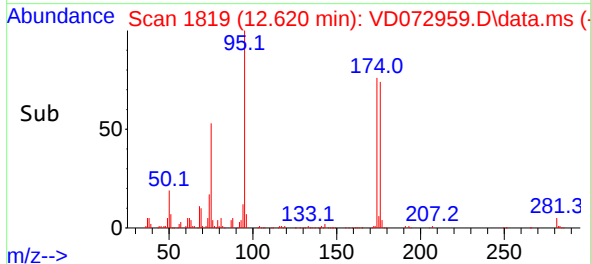
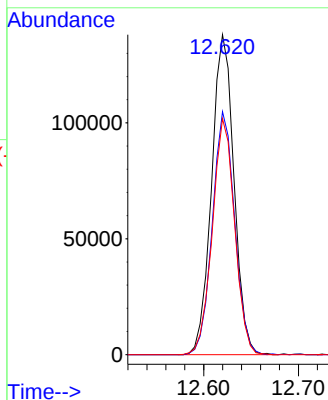
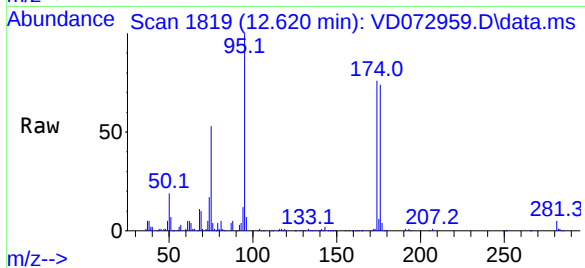




#62
4-Bromofluorobenzene
Concen: 42.921 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

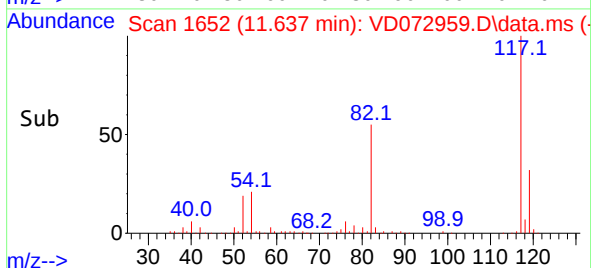
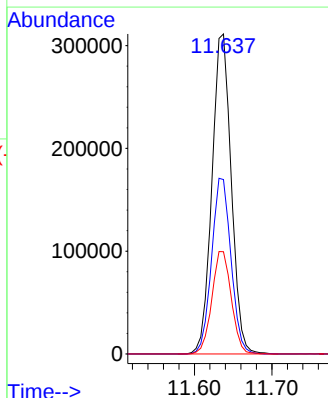
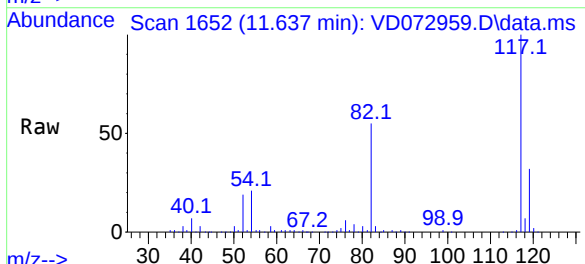
Instrument :
MSVOA_D
ClientSampleId :

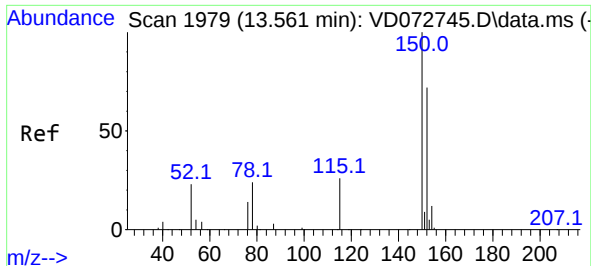
Tgt Ion: 95 Resp: 226038
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

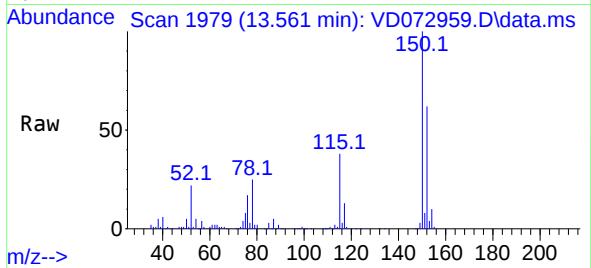
Tgt Ion: 117 Resp: 538326
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 32.0 26.6 40.0



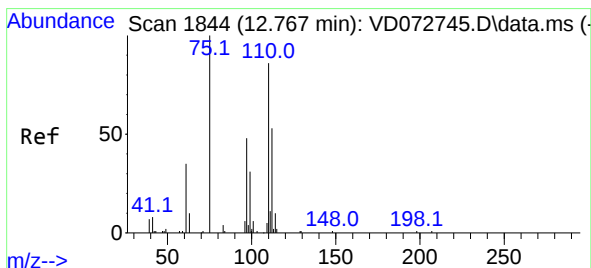
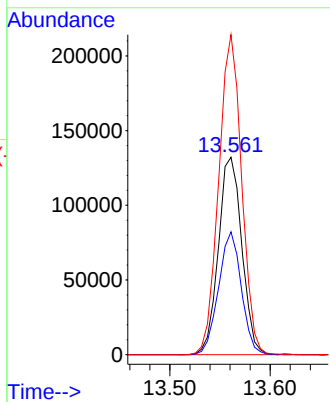
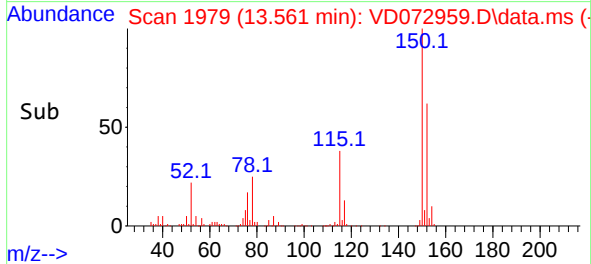


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

Instrument :
MSVOA_D
ClientSampleId :

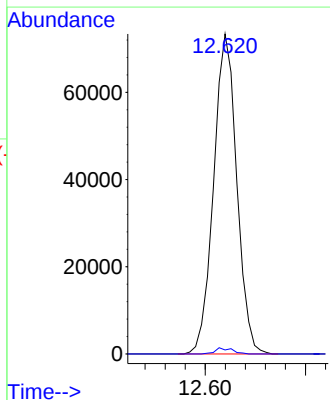
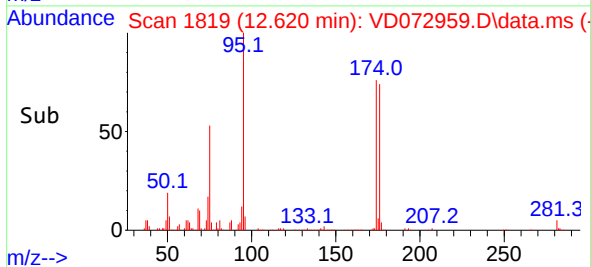
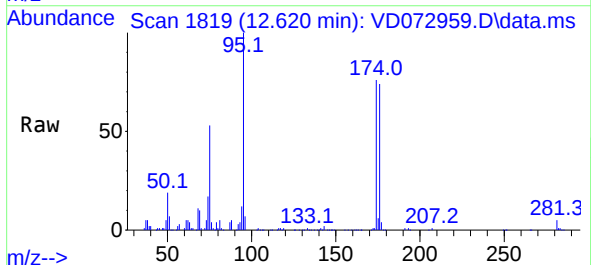


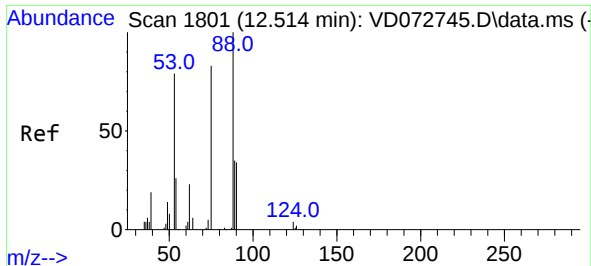
Tgt Ion:152 Resp: 214555
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 158.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 49.064 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072959.D
Acq: 12 May 2022 20:44

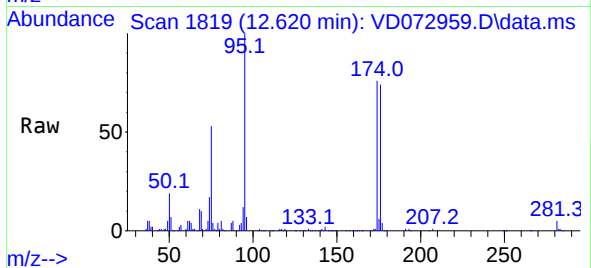
Tgt Ion: 75 Resp: 117381
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.826 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072959.D
 Acq: 12 May 2022 20:44

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 117381
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.1 33.9 50.9#

