

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072408.D
 Acq On : 24 Mar 2022 15:25
 Operator : VA/SY
 Sample : N2094-06
 Misc : 6.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-(Q4)

Quant Time: Mar 25 02:55:40 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)

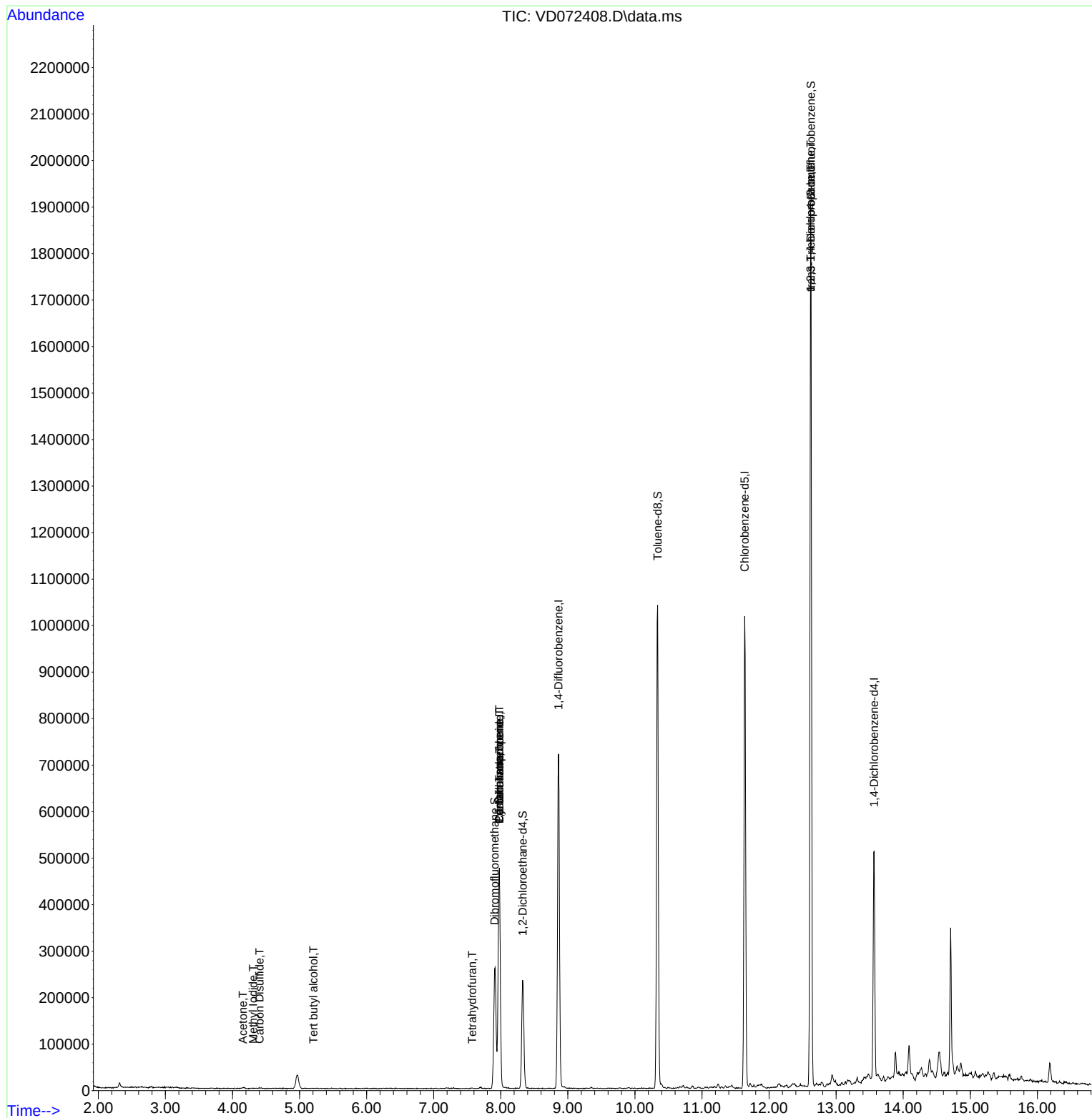
Internal Standards						
1) Pentafluorobenzene	7.979	168	344916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	600210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	579724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	132450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184641	48.035	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.060%		
35) Dibromofluoromethane	7.908	113	194740	46.106	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.220%		
50) Toluene-d8	10.337	98	697255	45.147	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.300%		
62) 4-Bromofluorobenzene	12.626	95	252256	42.037	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	84.080%		
Target Compounds			Qvalue			
10) Methyl Iodide	4.308	142	493	2.360	ug/l #	51
11) Tert butyl alcohol	5.208	59	364	1.633	ug/l #	74
16) Acetone	4.155	43	3335	3.996	ug/l #	79
17) Carbon Disulfide	4.402	76	1771	1.733	ug/l #	74
20) Methylene Chloride	4.967	84	23160	Below Cal	#	77
29) Tetrahydrofuran	7.573	42	944	1.443	ug/l #	68
31) Cyclohexane	7.979	56	8245	1.373	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	27934	4.714	ug/l #	51
38) Carbon Tetrachloride	7.979	117	37028	5.498	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	136625	93.512	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	136625	232.013	ug/l #	8

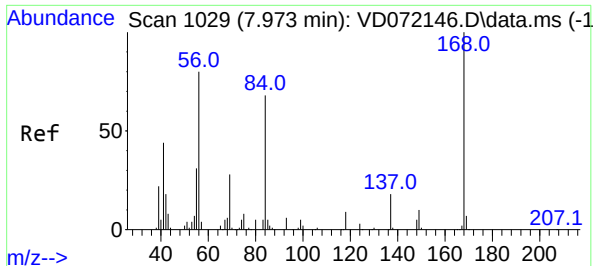
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

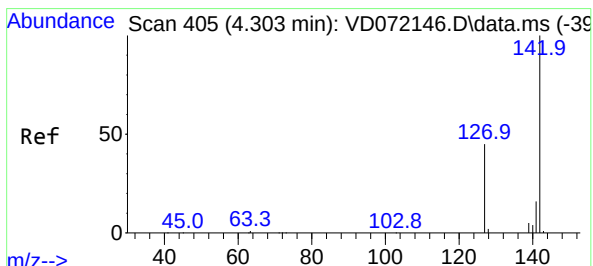
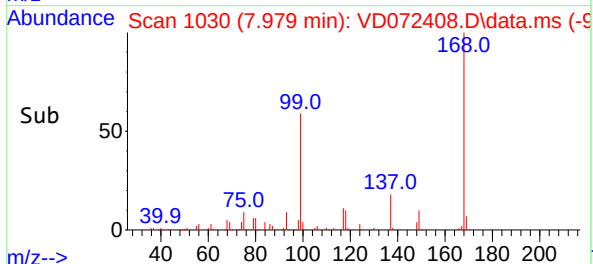
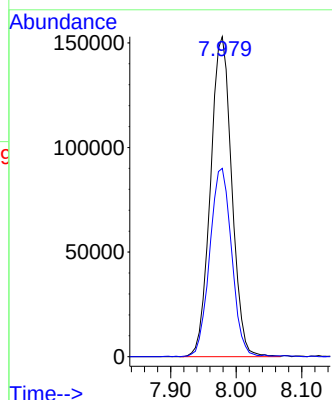
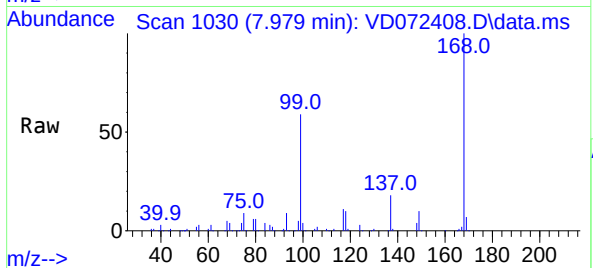




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

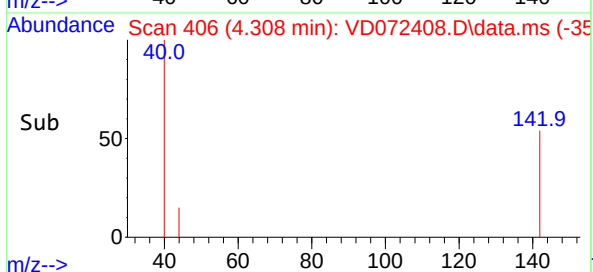
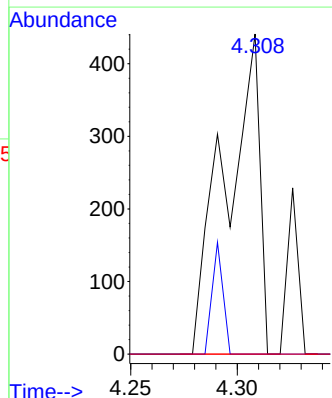
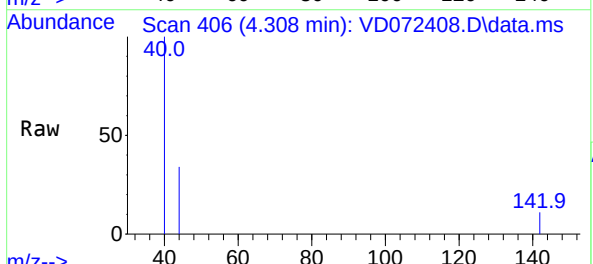
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)

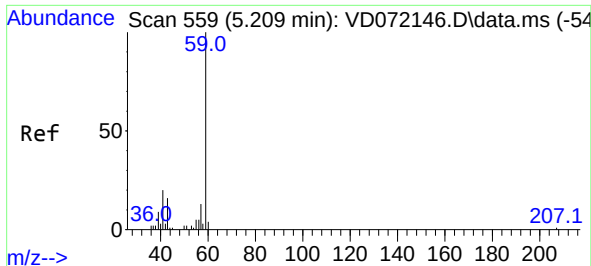
Tgt Ion:168 Resp: 344916
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#10
Methyl Iodide
Concen: 2.360 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.005 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

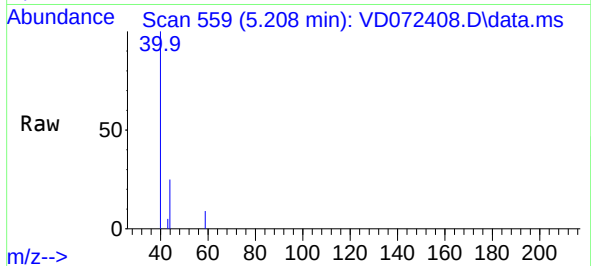
Tgt Ion:142 Resp: 493
Ion Ratio Lower Upper
142 100
127 11.0 37.3 55.9#
141 0.0 11.7 17.5#



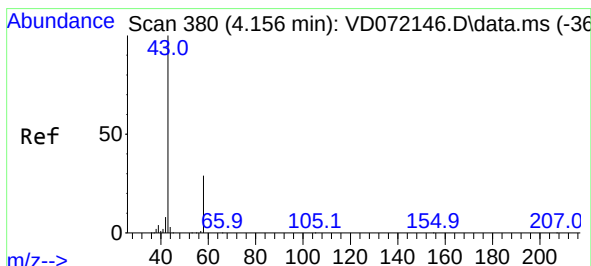
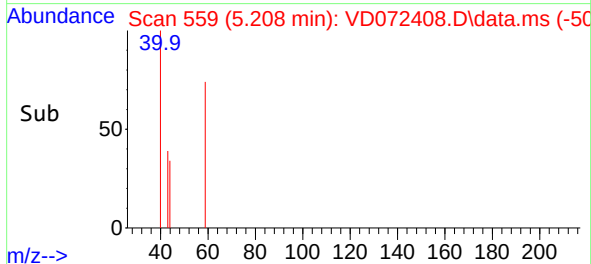
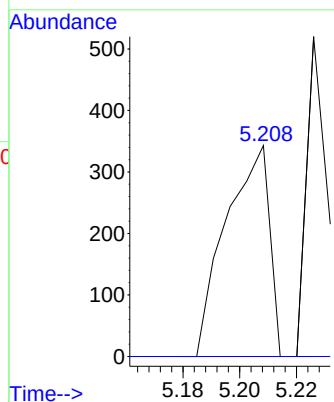


#11
Tert butyl alcohol
Concen: 1.633 ug/l
RT: 5.208 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)

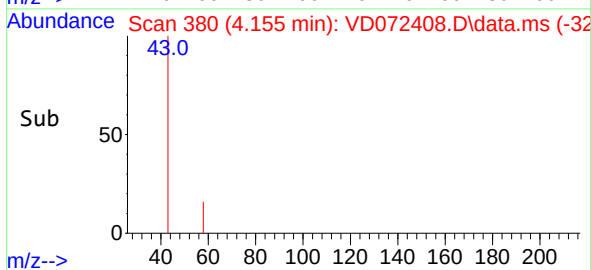
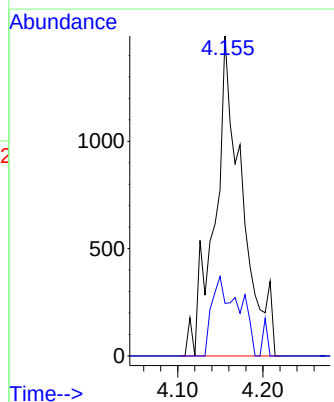
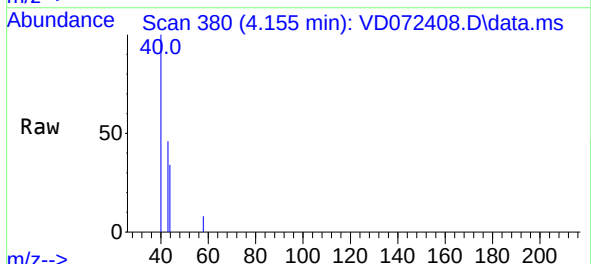


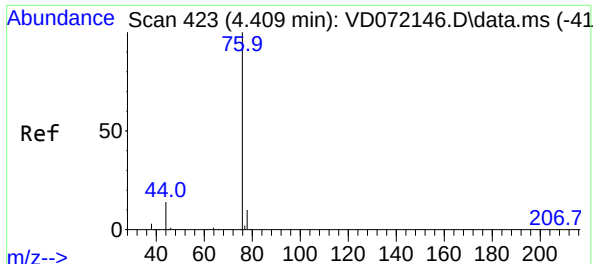
Tgt Ion: 59 Resp: 364
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.996 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

Tgt Ion: 43 Resp: 3335
Ion Ratio Lower Upper
43 100
58 16.4 22.1 33.1#

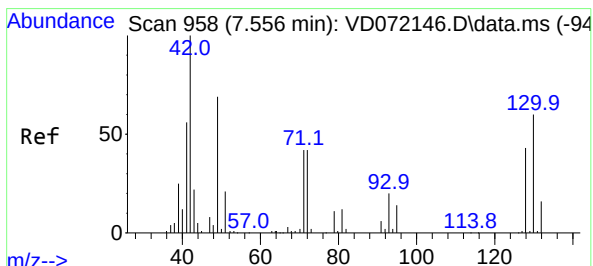
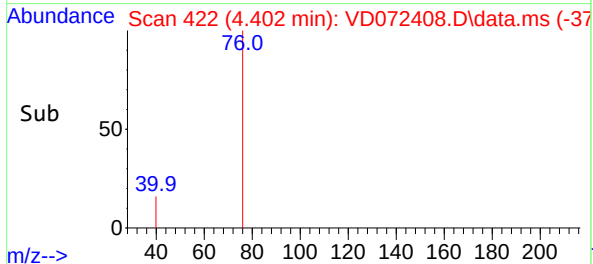
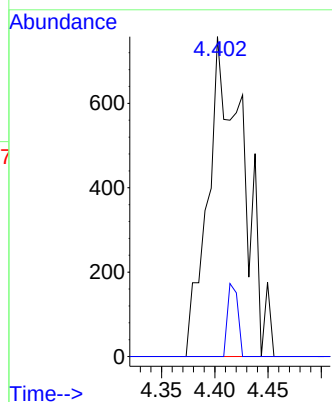
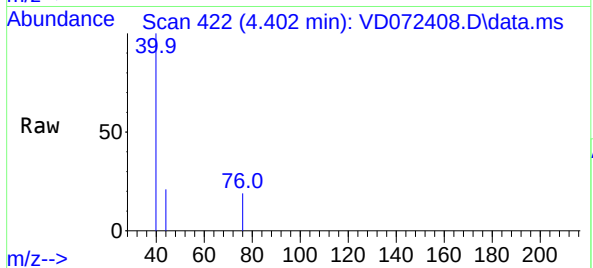




#17
Carbon Disulfide
Concen: 1.733 ug/l
RT: 4.402 min Scan# 41
Delta R.T. -0.007 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

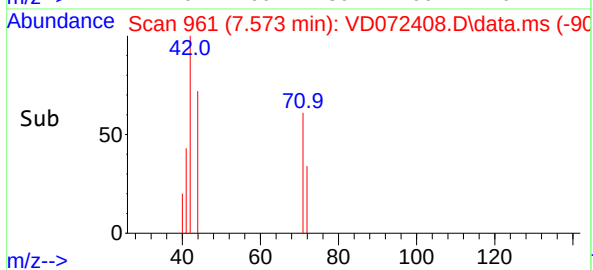
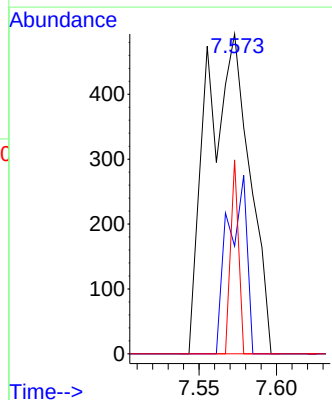
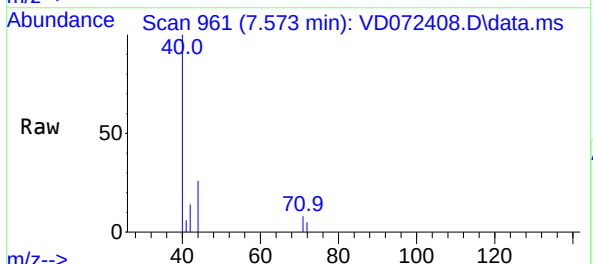
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)

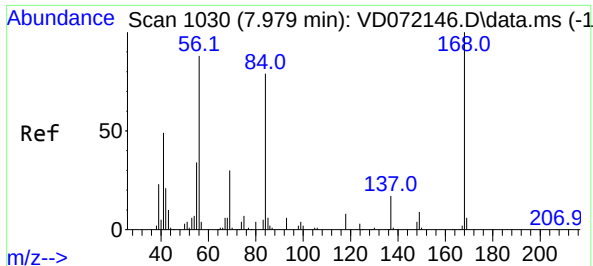
Tgt Ion: 76 Resp: 1771
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#29
Tetrahydrofuran
Concen: 1.443 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.017 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

Tgt Ion: 42 Resp: 944
Ion Ratio Lower Upper
42 100
72 24.6 30.7 46.1#
71 11.2 28.6 43.0#





#31

Cyclohexane

Concen: 1.373 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072408.D

Acq: 24 Mar 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

WC-2-(Q4)

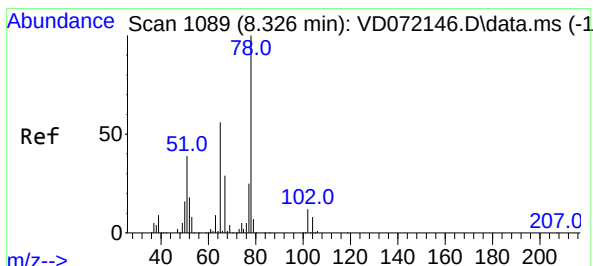
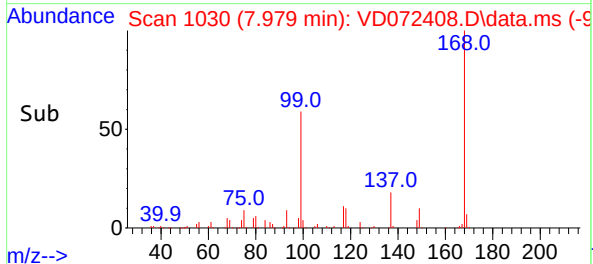
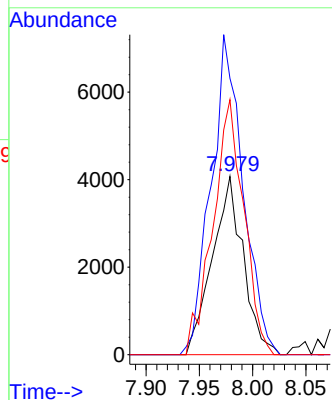
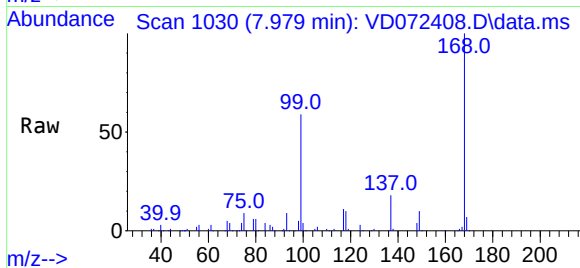
Tgt Ion: 56 Resp: 8245

Ion Ratio Lower Upper

56 100

69 154.9 25.4 38.2#

84 143.1 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 48.035 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072408.D

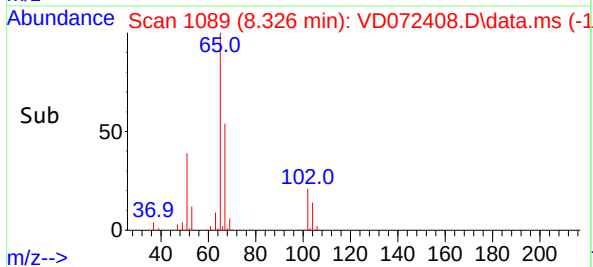
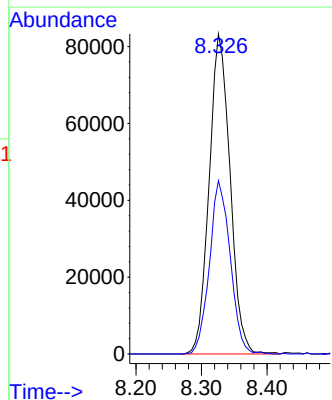
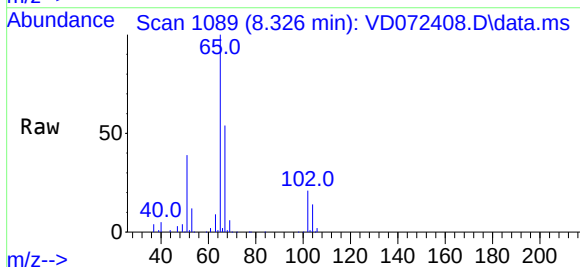
Acq: 24 Mar 2022 15:25

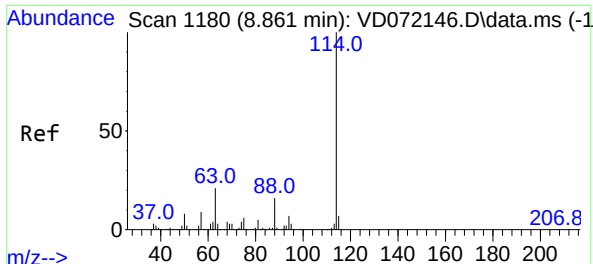
Tgt Ion: 65 Resp: 184641

Ion Ratio Lower Upper

65 100

67 53.7 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: VD072408.D

Acq: 24 Mar 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

WC-2-(Q4)

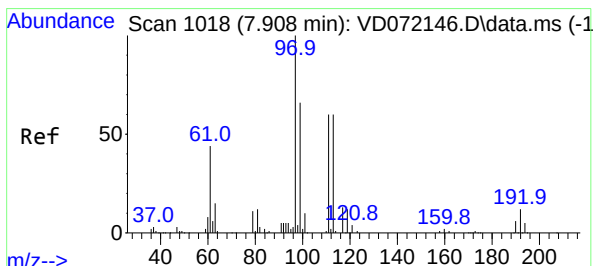
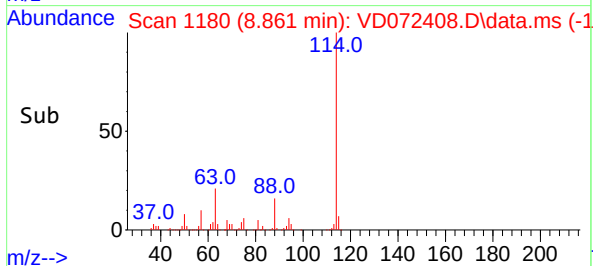
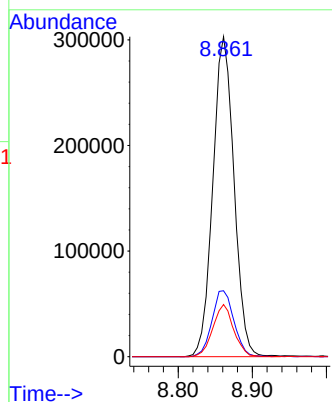
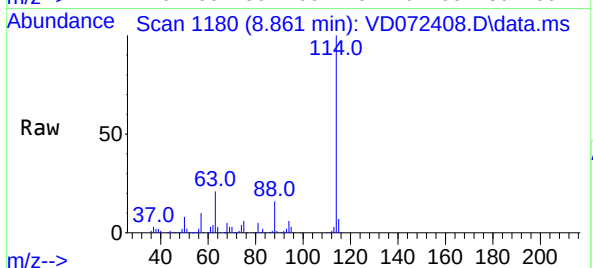
Tgt Ion:114 Resp: 600210

Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.106 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072408.D

Acq: 24 Mar 2022 15:25

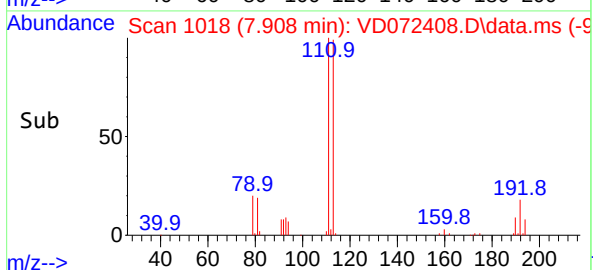
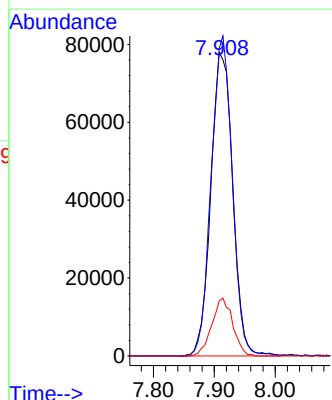
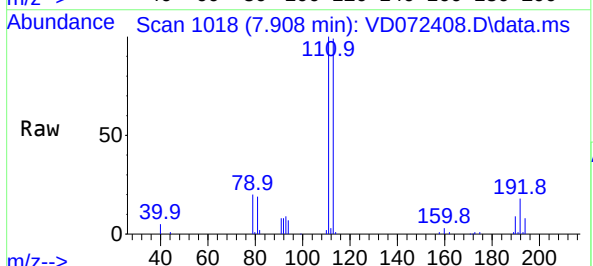
Tgt Ion:113 Resp: 194740

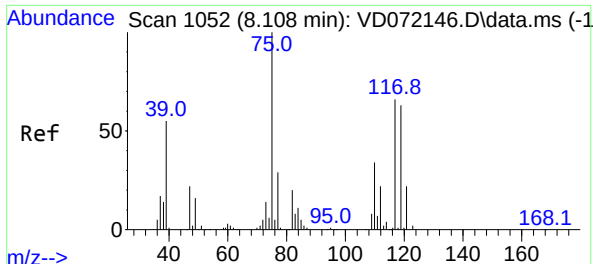
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 18.2 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.714 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD072408.D

Acq: 24 Mar 2022 15:25

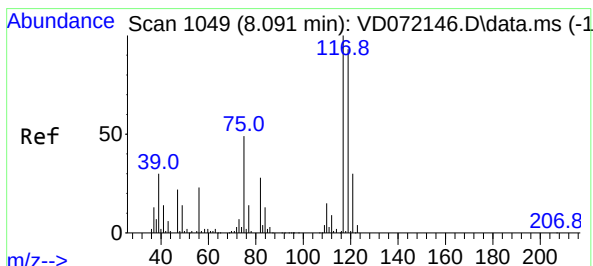
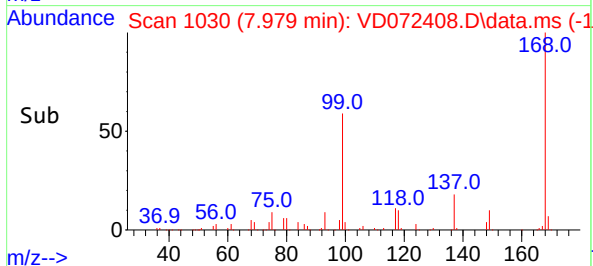
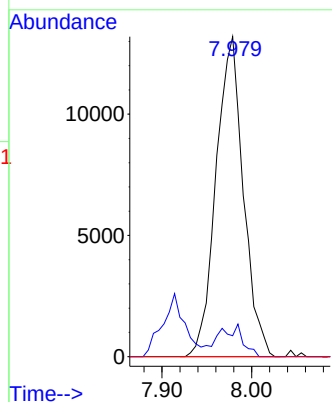
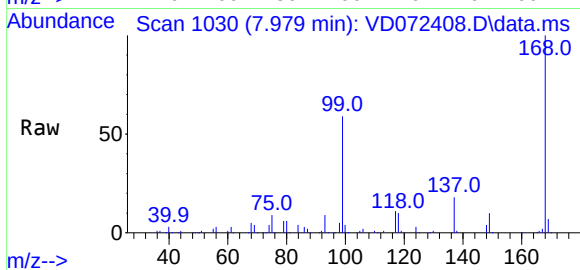
Instrument :

MSVOA_D

ClientSampleId :

WC-2-(Q4)

Tgt Ion:	75	Resp:	27934
Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.498 ug/l

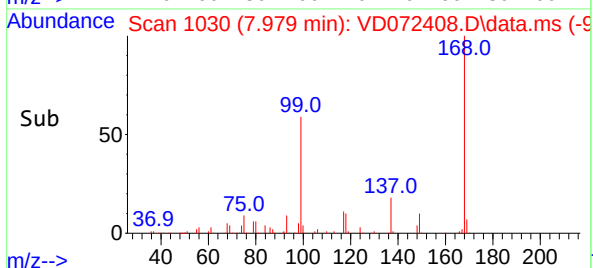
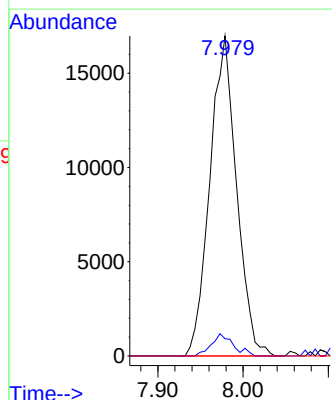
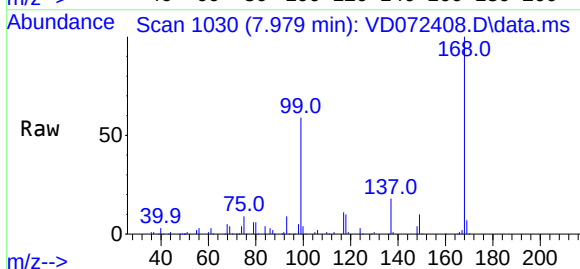
RT: 7.979 min Scan# 1030

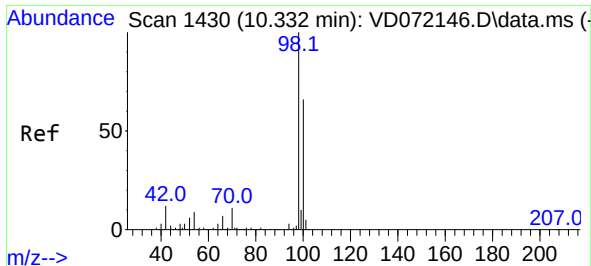
Delta R.T. -0.112 min

Lab File: VD072408.D

Acq: 24 Mar 2022 15:25

Tgt Ion:	117	Resp:	37028
Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.8	113.6#
121	0.0	24.5	36.7#

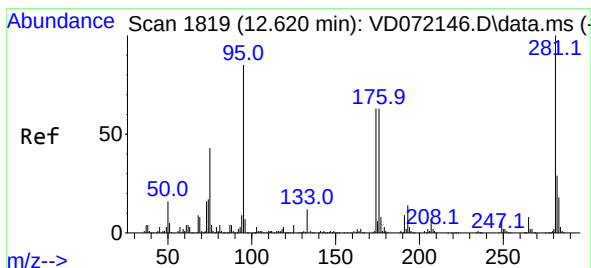
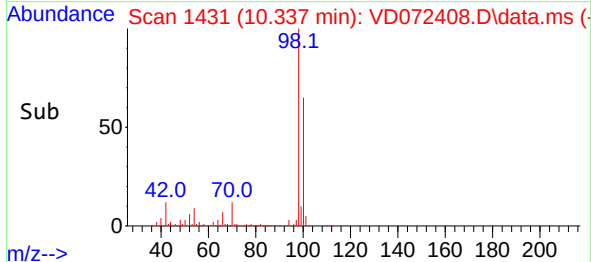
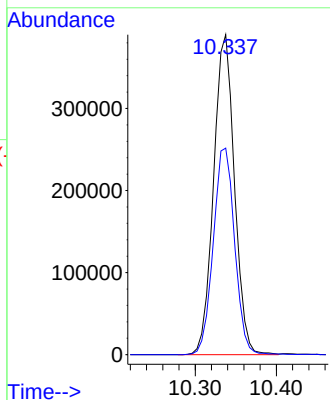
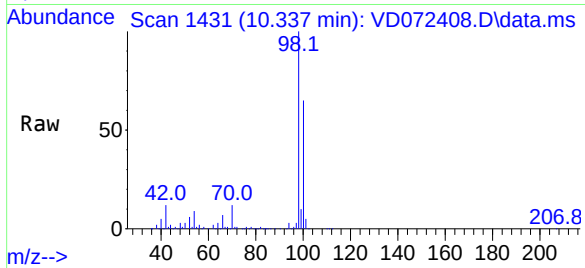




#50
Toluene-d8
Concen: 45.147 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

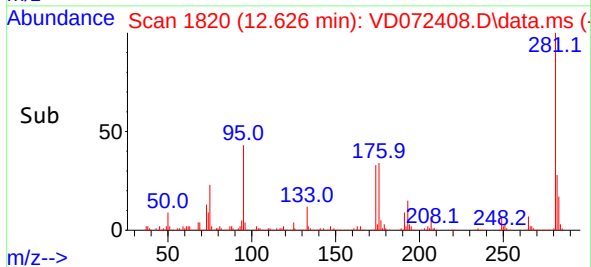
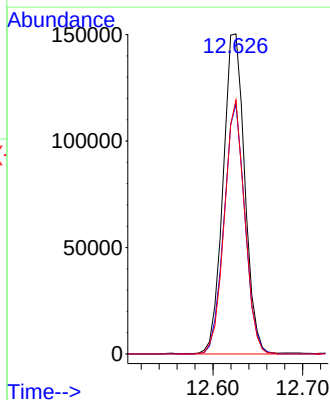
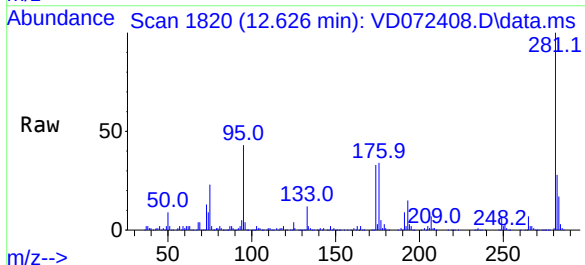
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)

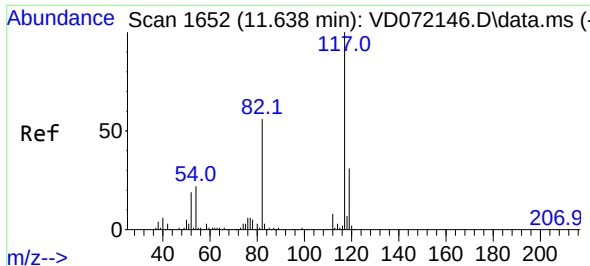
Tgt Ion: 98 Resp: 697255
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.037 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

Tgt Ion: 95 Resp: 252256
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 74.3 0.0 145.4

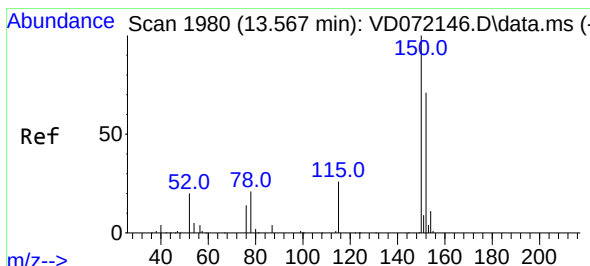
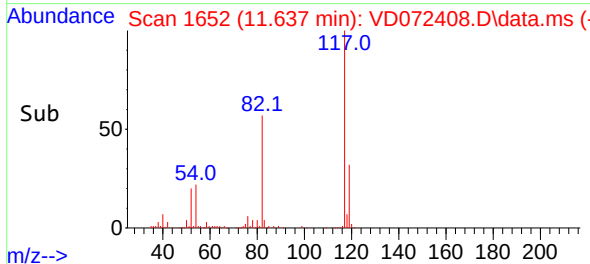
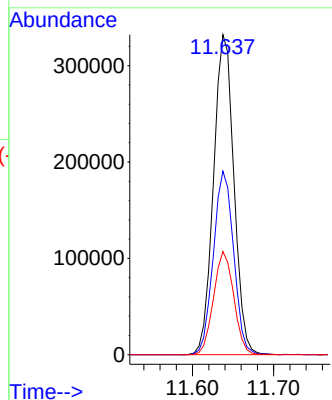
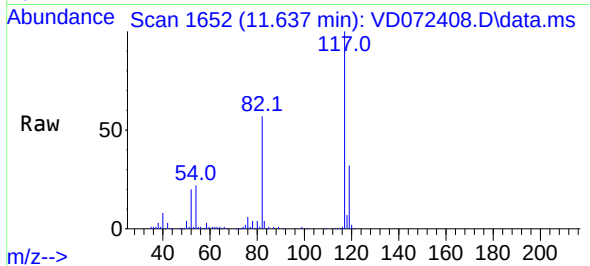




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

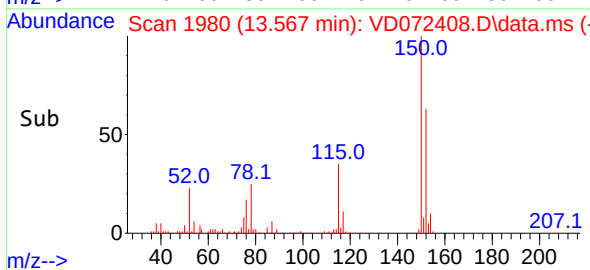
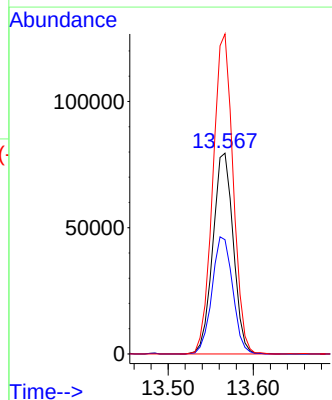
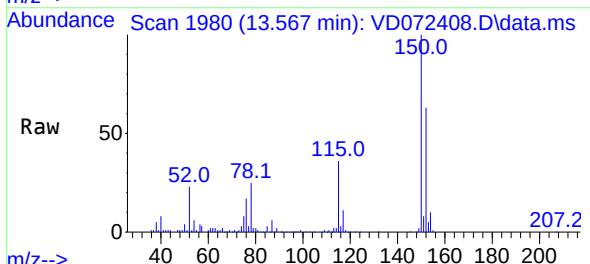
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)

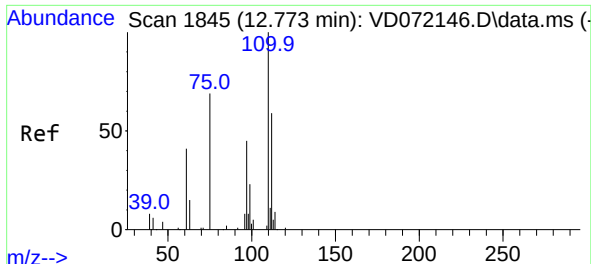
Tgt Ion:117 Resp: 579724
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

Tgt Ion:152 Resp: 132450
Ion Ratio Lower Upper
152 100
115 59.1 31.3 93.8
150 158.2 0.0 348.6

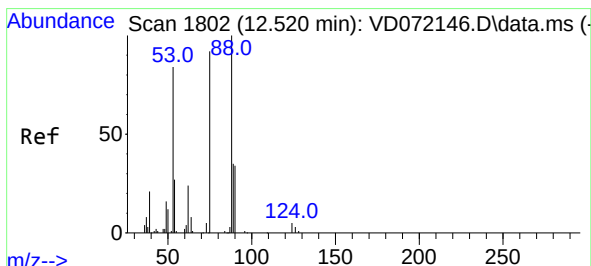
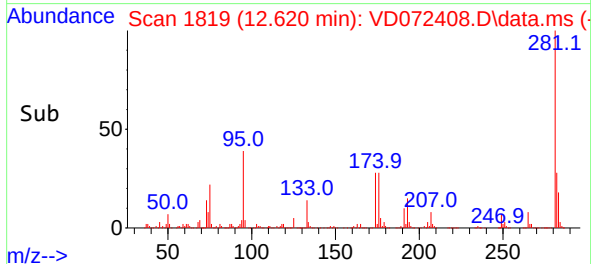
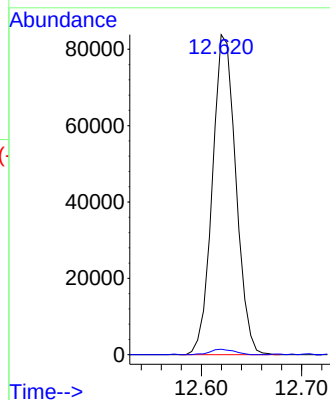
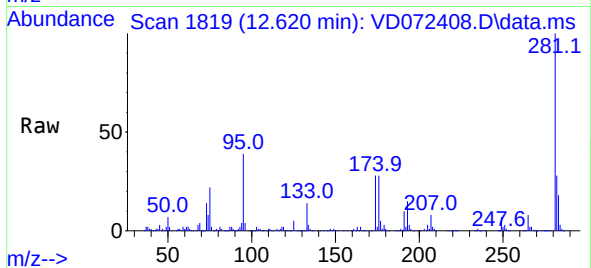




#76
1,2,3-Trichloropropane
Concen: 93.512 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)

Tgt Ion: 75 Resp: 136625
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 232.013 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072408.D
Acq: 24 Mar 2022 15:25

Tgt Ion: 75 Resp: 136625
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 3.1 33.9 50.9#

