

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072406.D
 Acq On : 24 Mar 2022 14:29
 Operator : VA/SY
 Sample : N2094-04
 Misc : 5.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-(Q2)

Quant Time: Mar 25 02:55:02 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)

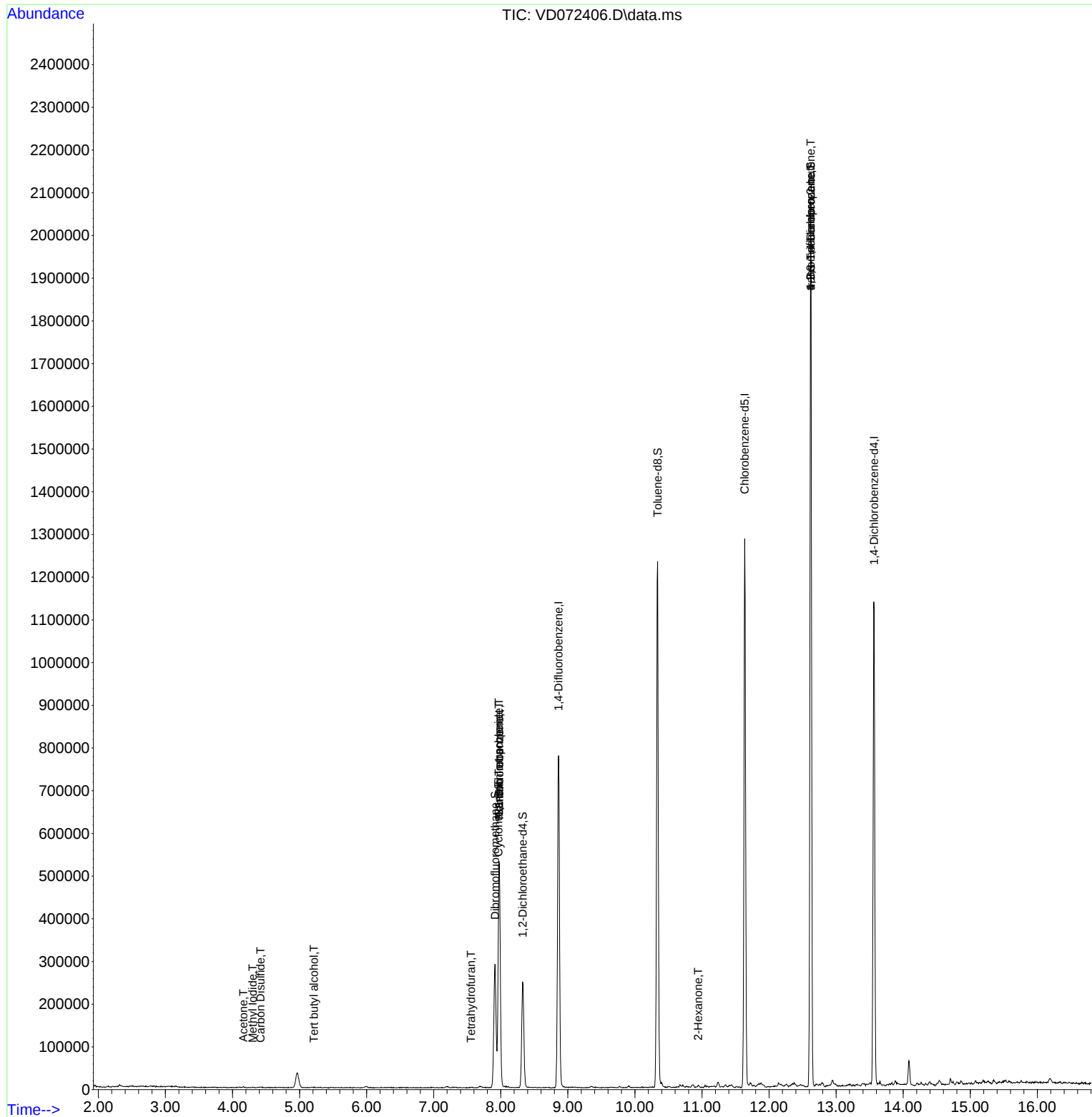
Internal Standards						
1) Pentafluorobenzene	7.979	168	385325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	656806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	709099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	306808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	202234	47.094	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.180%		
35) Dibromofluoromethane	7.914	113	203471	44.022	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.040%		
50) Toluene-d8	10.338	98	813362	48.127	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.260%		
62) 4-Bromofluorobenzene	12.620	95	351893	53.587	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.180%		
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	729	2.403	ug/l #	79
11) Tert butyl alcohol	5.214	59	398	1.598	ug/l #	74
16) Acetone	4.162	43	1771	1.899	ug/l	96
17) Carbon Disulfide	4.420	76	2328	1.774	ug/l #	74
20) Methylene Chloride	4.967	84	27252	Below Cal		87
29) Tetrahydrofuran	7.556	42	928	1.270	ug/l #	44
31) Cyclohexane	7.967	56	9658	1.440	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	31629	4.878	ug/l #	52
38) Carbon Tetrachloride	7.973	117	40849	5.542	ug/l #	18
59) 2-Hexanone	10.944	43	2672	1.336	ug/l #	27
76) 1,2,3-Trichloropropane	12.620	75	191564	56.603	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	191564	140.437	ug/l #	8

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

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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

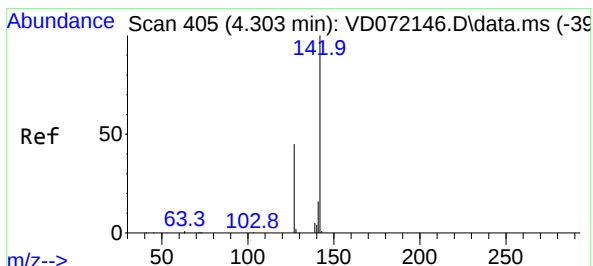
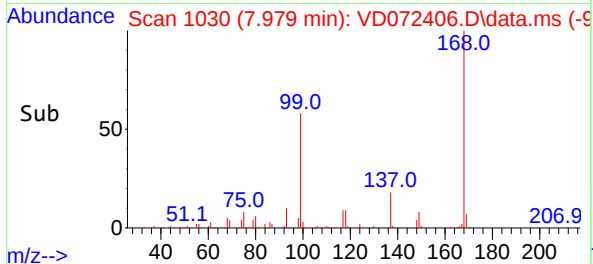
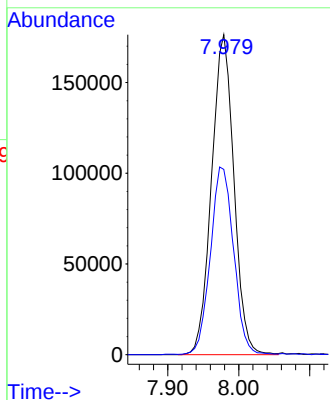
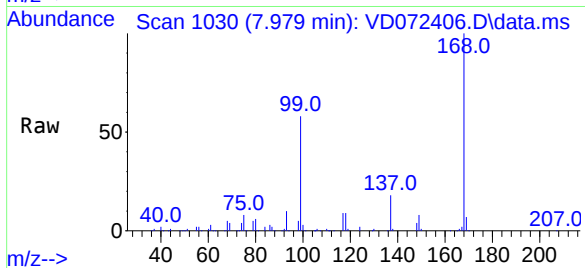




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

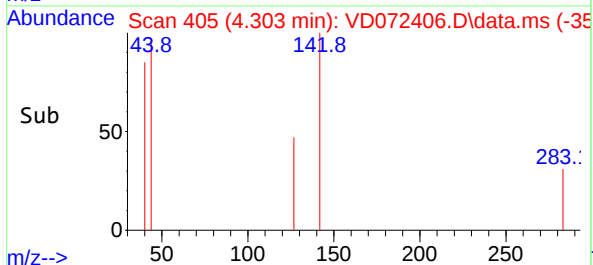
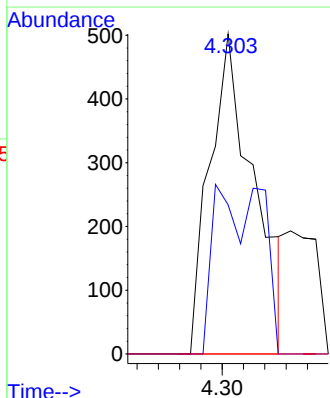
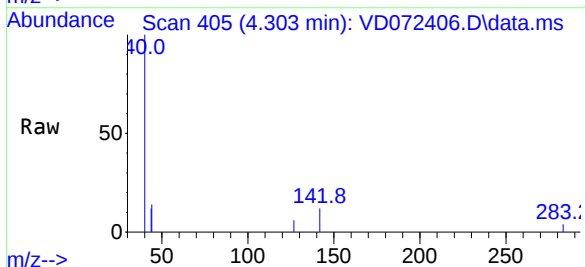
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q2)

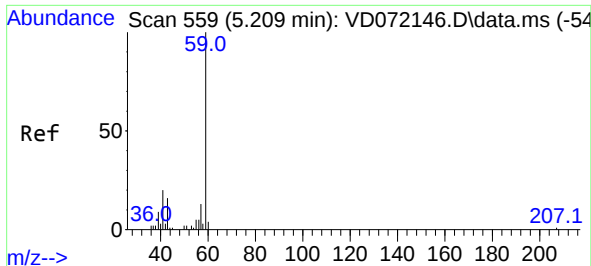
Tgt Ion:168 Resp: 385325
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#10
Methyl Iodide
Concen: 2.403 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

Tgt Ion:142 Resp: 729
Ion Ratio Lower Upper
142 100
127 57.6 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 1.598 ug/l

RT: 5.214 min Scan# 5

Delta R.T. 0.006 min

Lab File: VD072406.D

Acq: 24 Mar 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

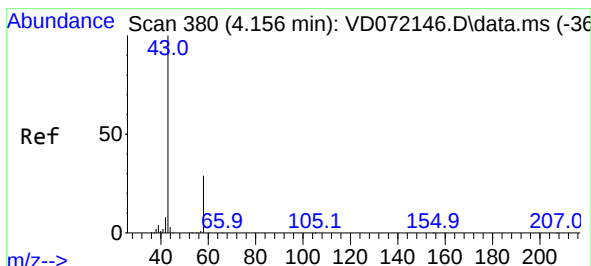
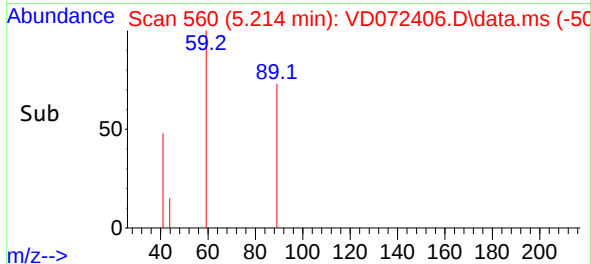
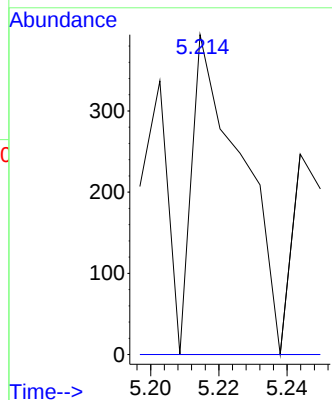
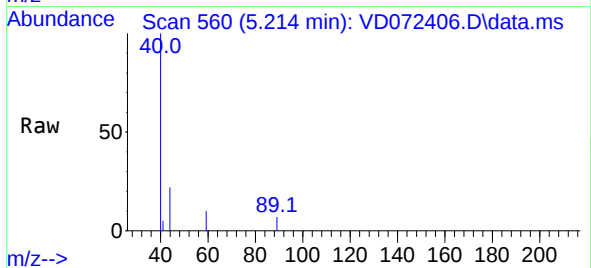
WC-2-(Q2)

Tgt Ion: 59 Resp: 398

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 1.899 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD072406.D

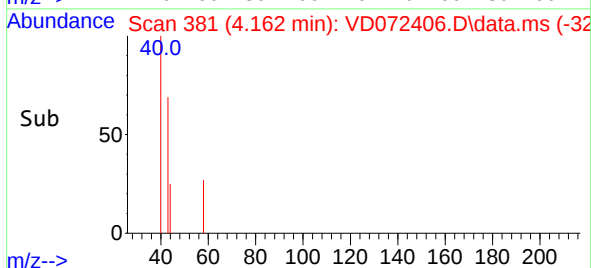
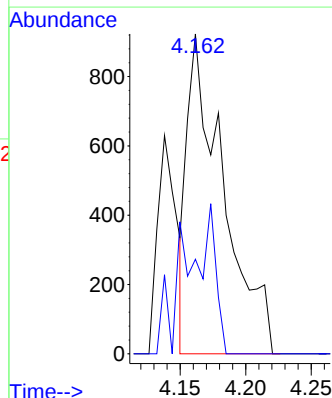
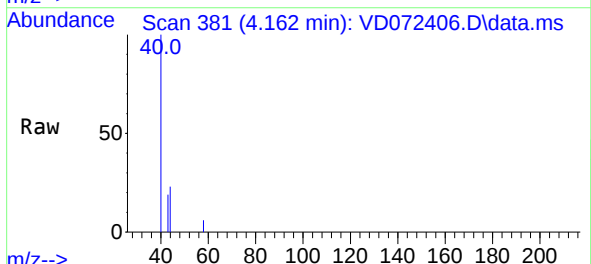
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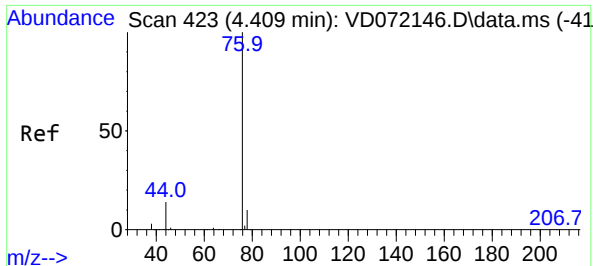
Tgt Ion: 43 Resp: 1771

Ion Ratio Lower Upper

43 100

58 29.6 22.1 33.1

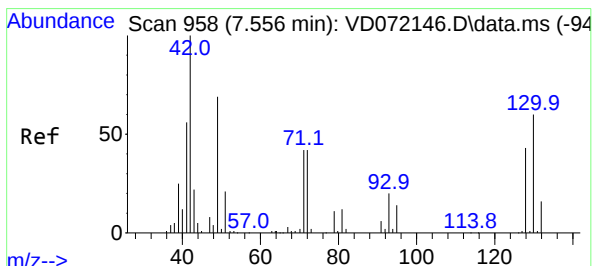
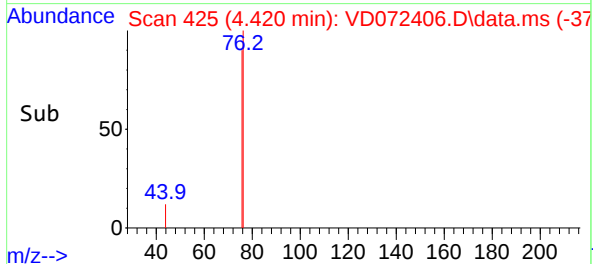
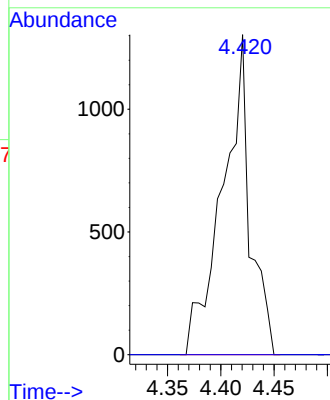
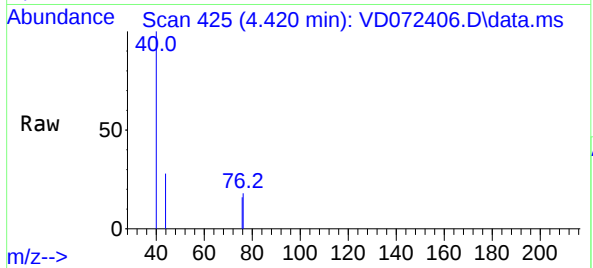




#17
Carbon Disulfide
Concen: 1.774 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

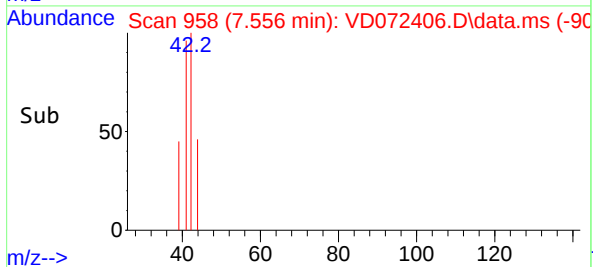
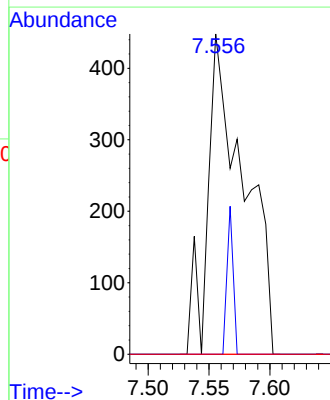
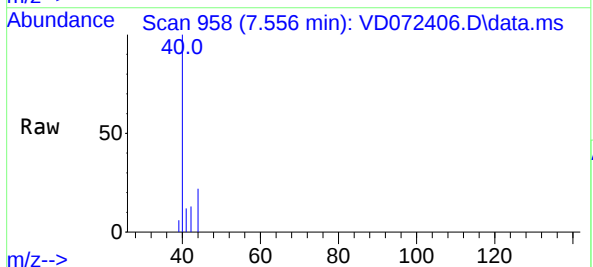
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q2)

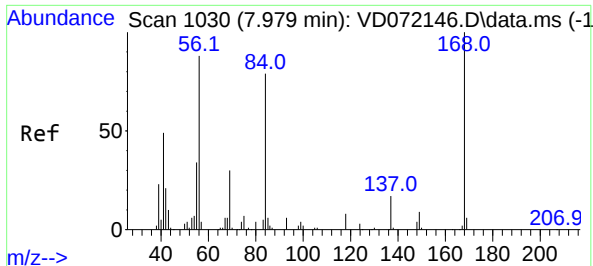
Tgt Ion: 76 Resp: 2328
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#29
Tetrahydrofuran
Concen: 1.270 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.000 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

Tgt Ion: 42 Resp: 928
Ion Ratio Lower Upper
42 100
72 7.9 30.7 46.1#
71 0.0 28.6 43.0#

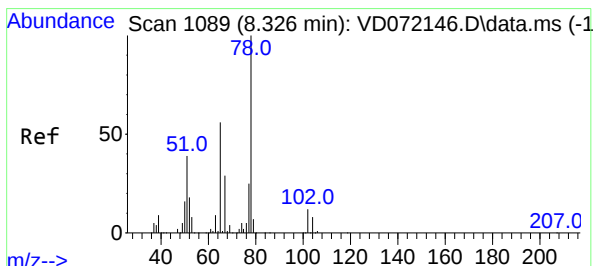
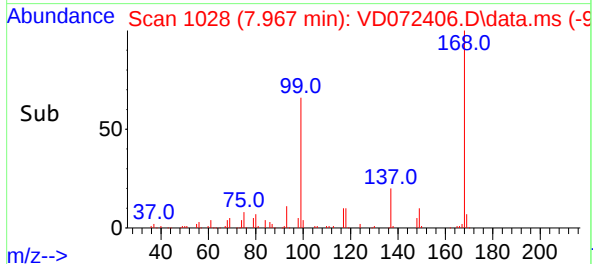
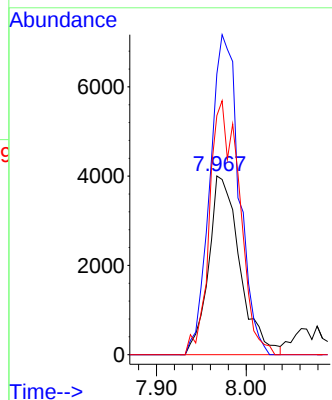
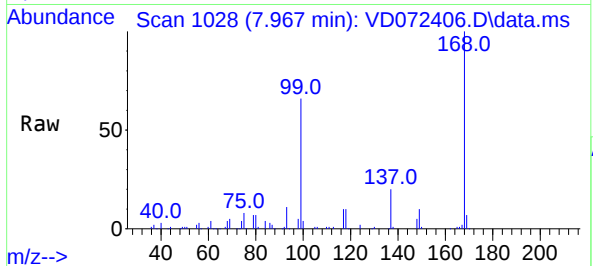




#31
Cyclohexane
Concen: 1.440 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

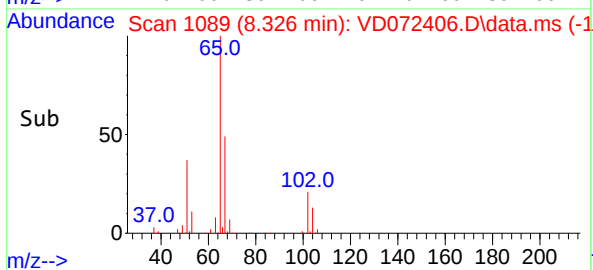
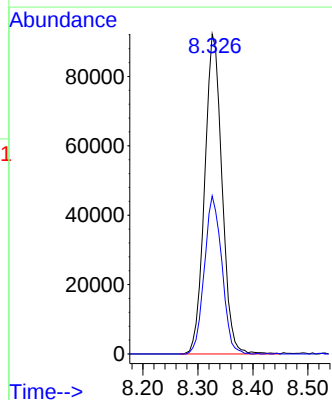
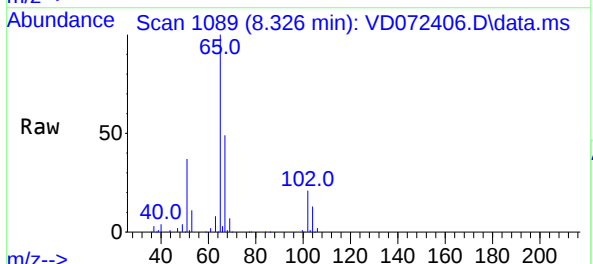
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q2)

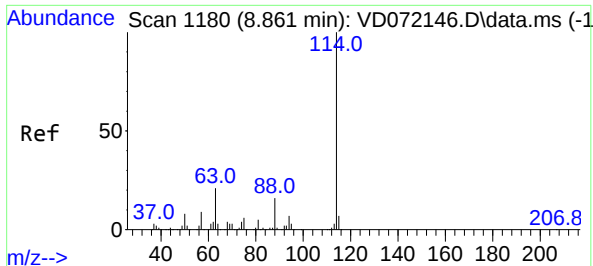
Tgt Ion: 56 Resp: 9658
Ion Ratio Lower Upper
56 100
69 157.0 25.4 38.2#
84 133.8 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 47.094 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

Tgt Ion: 65 Resp: 202234
Ion Ratio Lower Upper
65 100
67 49.8 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: VD072406.D

Acq: 24 Mar 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

WC-2-(Q2)

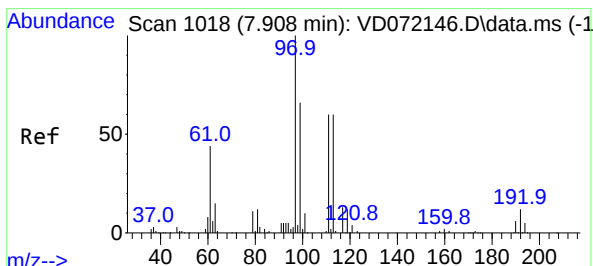
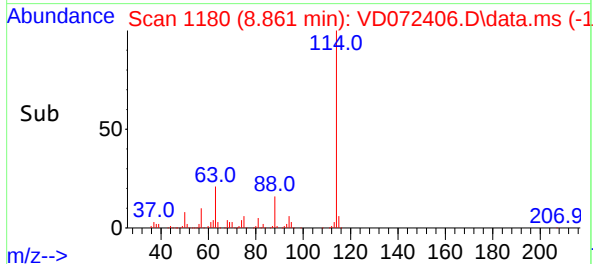
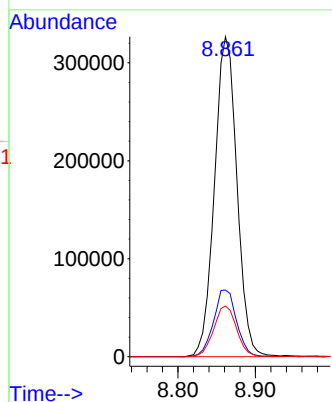
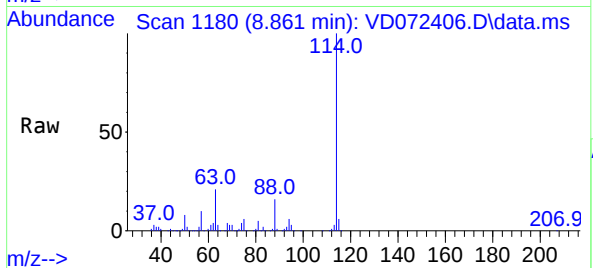
Tgt Ion:114 Resp: 656806

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.022 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072406.D

Acq: 24 Mar 2022 14:29

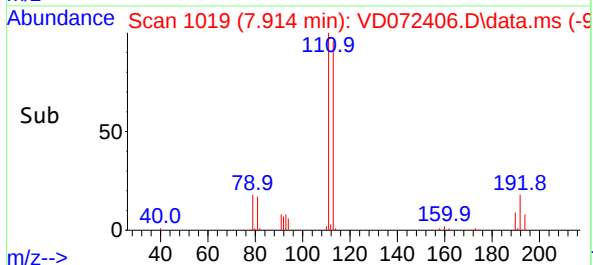
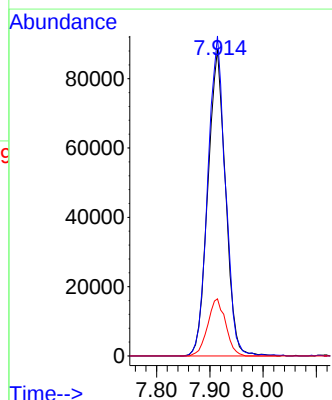
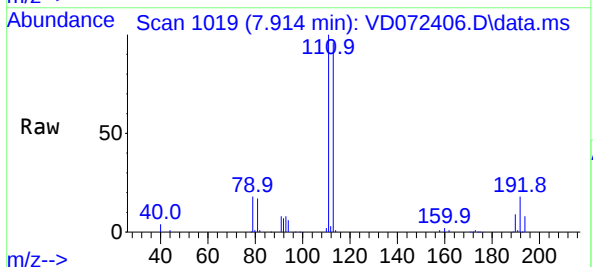
Tgt Ion:113 Resp: 203471

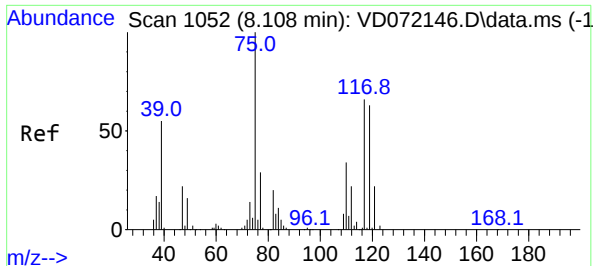
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 19.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.878 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072406.D

Acq: 24 Mar 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

WC-2-(Q2)

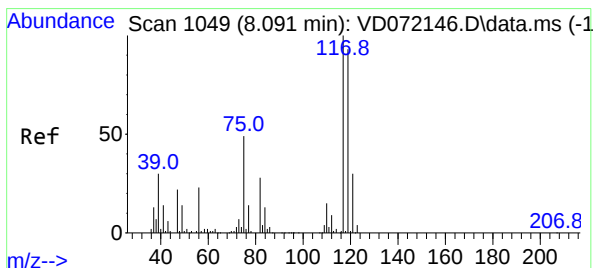
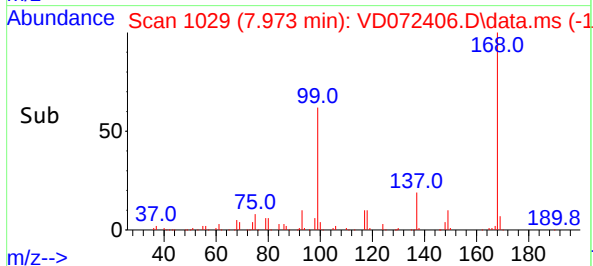
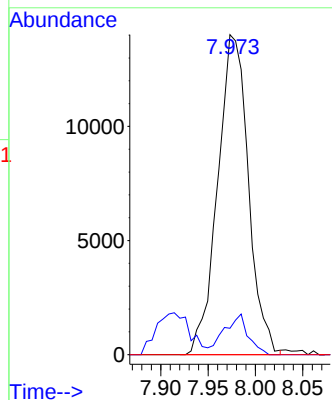
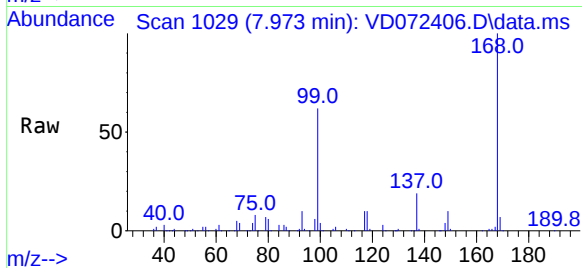
Tgt Ion: 75 Resp: 31629

Ion Ratio Lower Upper

75 100

110 9.8 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.542 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD072406.D

Acq: 24 Mar 2022 14:29

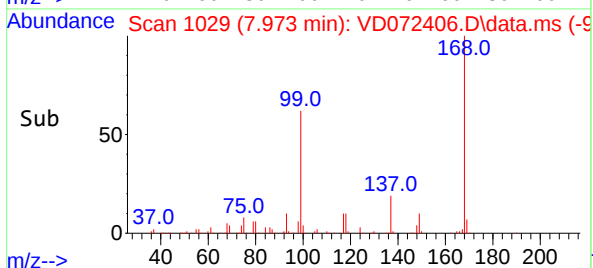
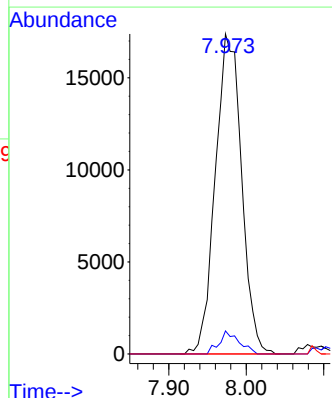
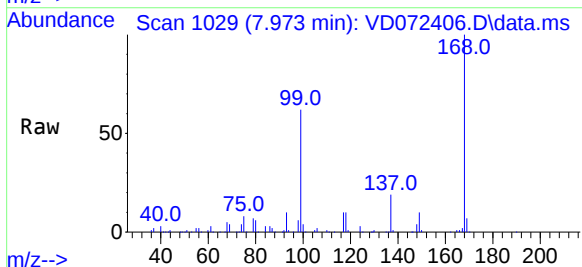
Tgt Ion: 117 Resp: 40849

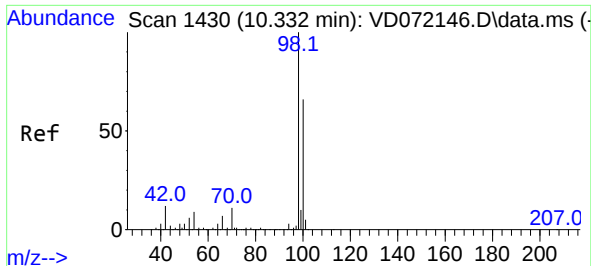
Ion Ratio Lower Upper

117 100

119 7.2 75.8 113.6#

121 0.0 24.5 36.7#

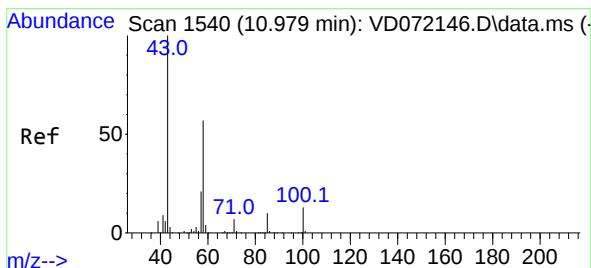
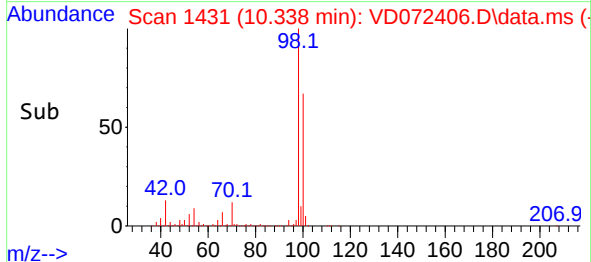
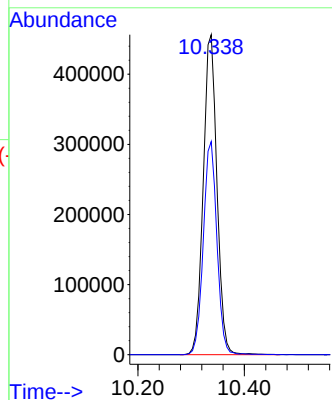
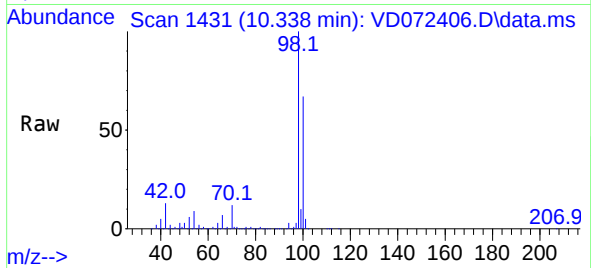




#50
Toluene-d8
Concen: 48.127 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

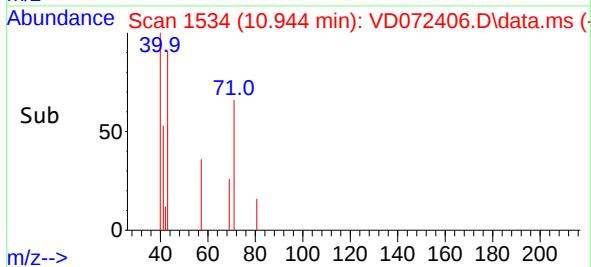
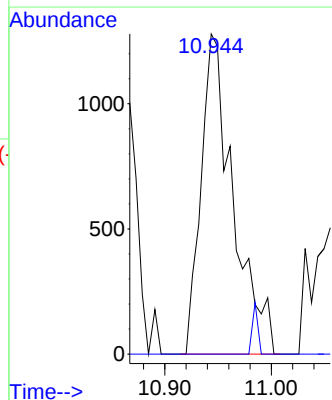
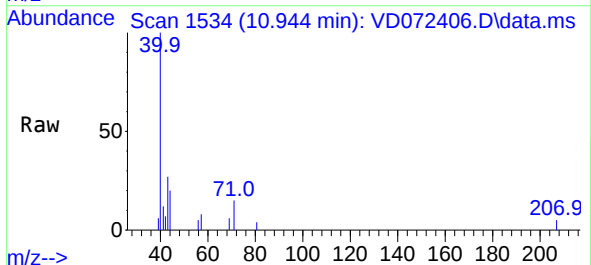
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q2)

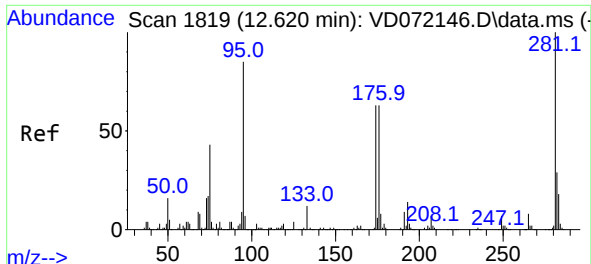
Tgt Ion: 98 Resp: 813362
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#59
2-Hexanone
Concen: 1.336 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.035 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

Tgt Ion: 43 Resp: 2672
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

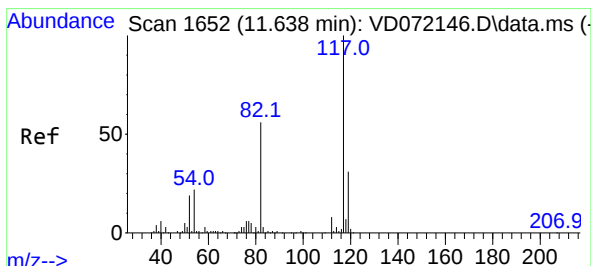
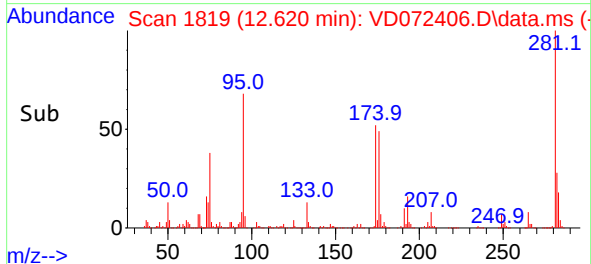
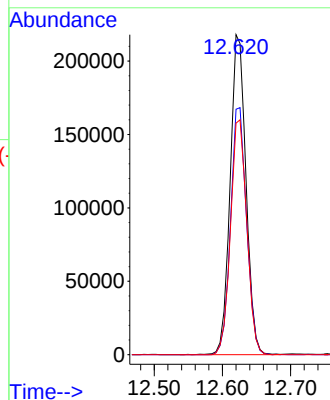
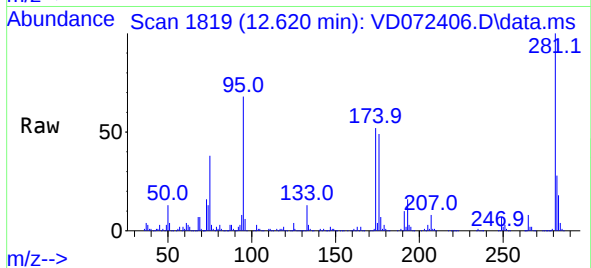




#62
4-Bromofluorobenzene
Concen: 53.587 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

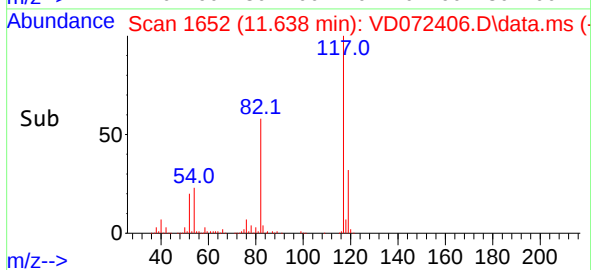
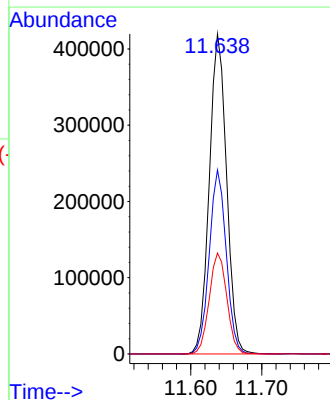
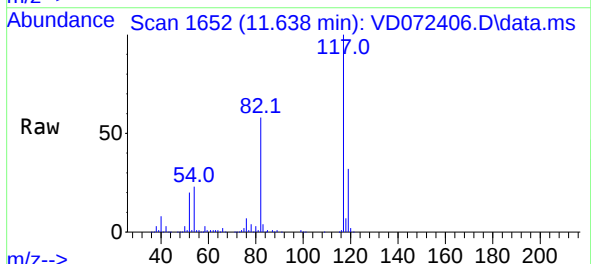
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q2)

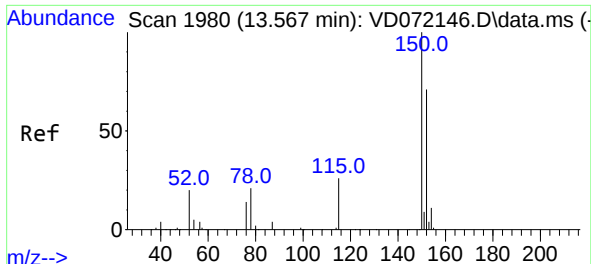
Tgt Ion: 95 Resp: 351893
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 75.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

Tgt Ion: 117 Resp: 709099
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 31.6 26.6 40.0

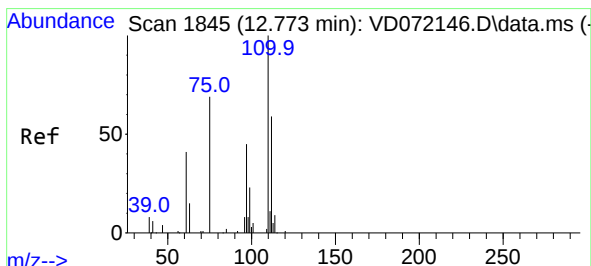
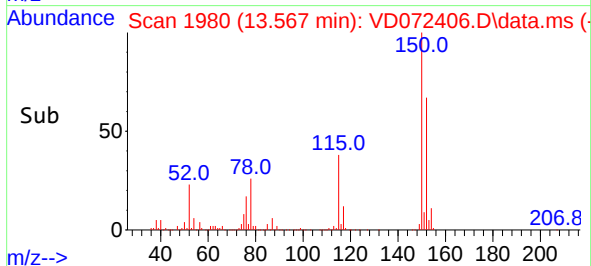
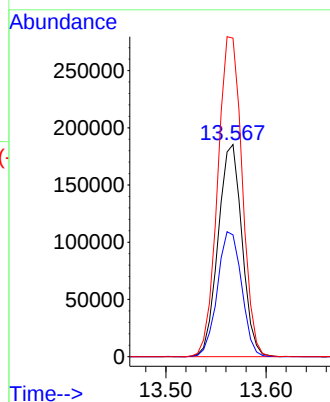
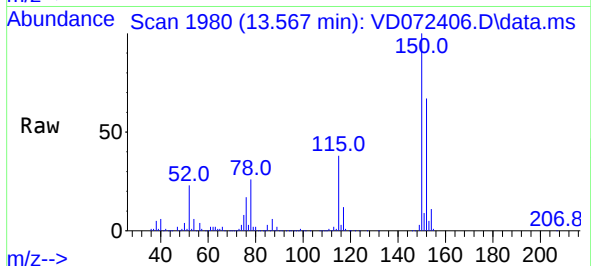




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

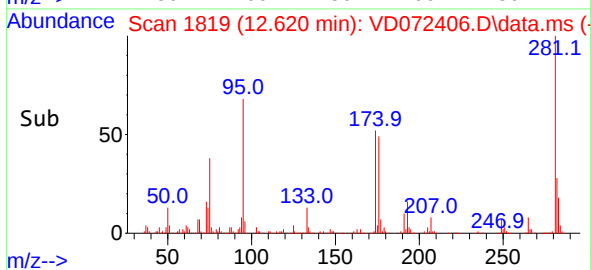
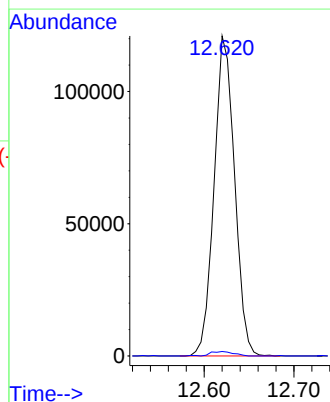
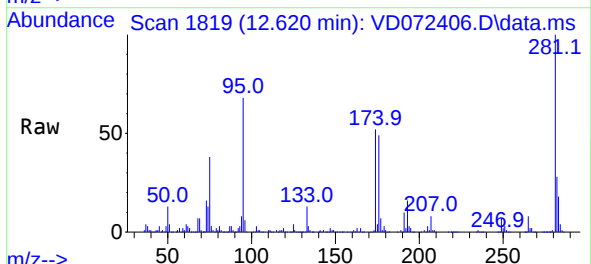
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q2)

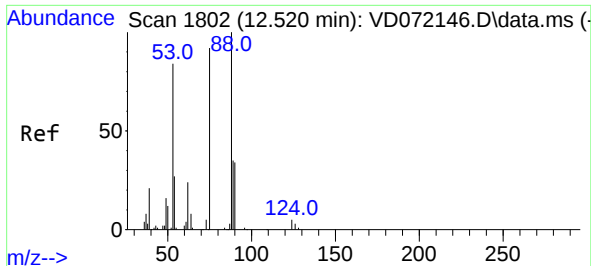
Tgt Ion:152 Resp: 306808
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 154.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 56.603 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

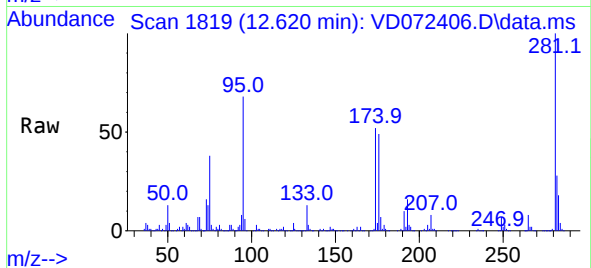
Tgt Ion: 75 Resp: 191564
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 140.437 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD072406.D
Acq: 24 Mar 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q2)



Tgt Ion: 75 Resp: 191564
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 2.2 33.9 50.9#

