

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016917.D
 Acq On : 20 Jun 2020 08:32
 Operator : JC/SP
 Sample : L3066-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jun 22 01:57:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	346176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	567800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	511870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	308578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	208117	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.46	113	173792	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.70	98	607225	41.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.58%	
62) 4-Bromofluorobenzene	11.12	95	263466	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	1213	0.282	ug/l	94
6) Chloroethane	1.74	64	846	0.283	ug/l #	59
11) Tert butyl alcohol	3.01	59	1972	2.802	ug/l #	82
13) Acrolein	2.26	56	136	0.319	ug/l #	1
16) Acetone	2.42	43	3418	2.262	ug/l	98
30) Chloroform	5.17	83	2283	0.369	ug/l	91
31) Cyclohexane	5.55	56	3930	0.763	ug/l	89
36) 1,1-Dichloropropene	5.63	75	24055	4.588	ug/l #	48
38) Carbon Tetrachloride	5.63	117	32207	5.475	ug/l #	16
39) Methylcyclohexane	7.44	83	6389	1.048	ug/l	94
40) Benzene	6.12	78	6775	0.431	ug/l	94
44) Trichloroethene	7.18	130	2607	0.541	ug/l	91
55) 1,1,2-Trichloroethane	9.15	97	11611	2.947	ug/l #	21
56) Ethyl methacrylate	9.15	69	2671	0.468	ug/l #	4
60) Dibromochloromethane	9.32	129	3390	0.717	ug/l #	11
64) Tetrachloroethene	9.32	164	3734	0.788	ug/l	90
67) Ethyl Benzene	10.24	91	939635	53.728	ug/l	99
68) m/p-Xylenes	10.35	106	466785	68.590	ug/l	99
69) o-Xylene	10.68	106	7679	1.220	ug/l	84
73) Isopropylbenzene	11.00	105	2847875	143.340	ug/l	99
74) N-amyl acetate	10.90	43	13716	1.977	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.47	83	7826	1.395	ug/l	76
76) 1,2,3-Trichloropropane	11.34	75	32539	5.774	ug/l #	1
78) n-propylbenzene	11.35	91	5506950	248.363	ug/l	99
79) 2-Chlorotoluene	11.44	91	345930	25.499	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	1913308	111.615	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.00	75	31003	13.472	ug/l #	58
82) 4-Chlorotoluene	11.49	91	195401	12.006	ug/l #	45
83) tert-Butylbenzene	11.76	119	324017	19.104	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	12891821	730.078	ug/l	83
85) sec-Butylbenzene	11.93	105	1311209	66.565	ug/l #	75
86) p-Isopropyltoluene	12.05	119	494698	27.410	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	3006	0.300	ug/l #	1
89) n-Butylbenzene	12.37	91	673900	43.543	ug/l #	64

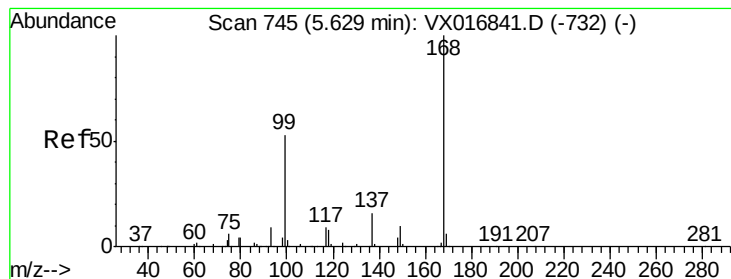
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.57	117	79587	24.480	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7813	5.874	ug/l #	1
95) Naphthalene	13.82	128	875872	46.490	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampled :

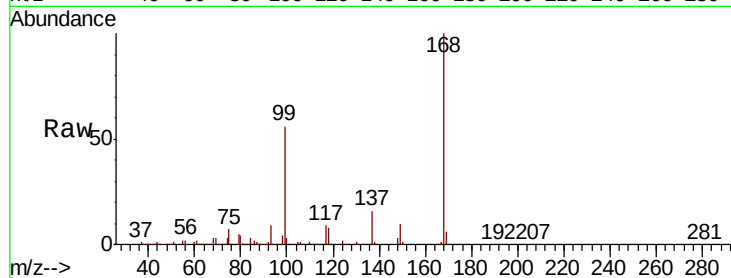
MW-2

Tot Ion:168 Resp: 346176

Ion Ratio Lower Upper

168 100

99 55.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

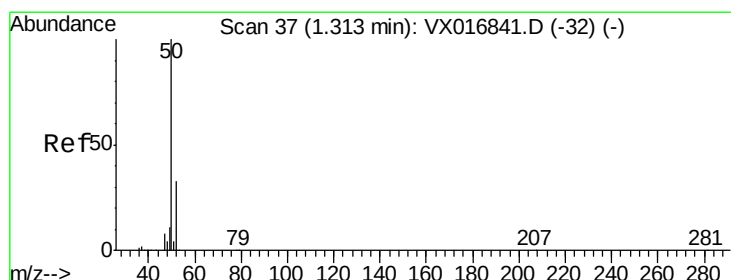
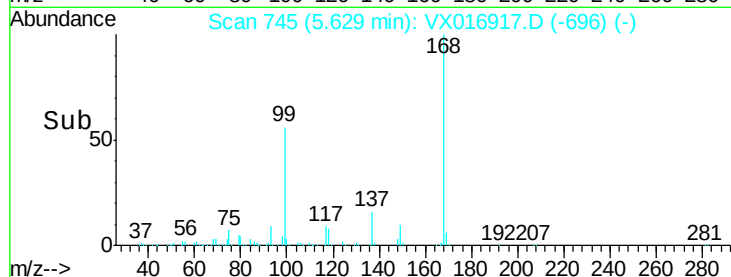
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.282 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016917.D

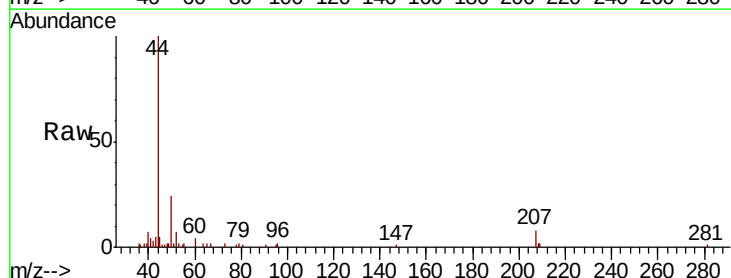
Acq: 20 Jun 2020 08:32

Tgt Ion: 50 Resp: 1213

Ion Ratio Lower Upper

50 100

52 29.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

1200

1000

800

600

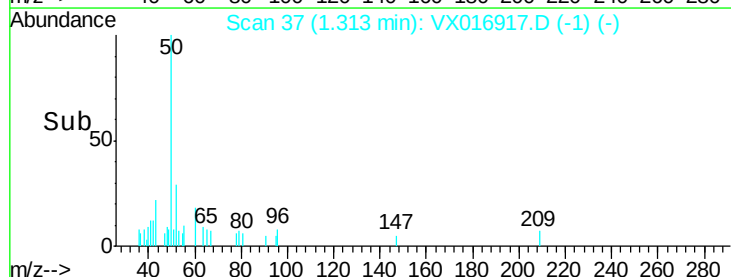
400

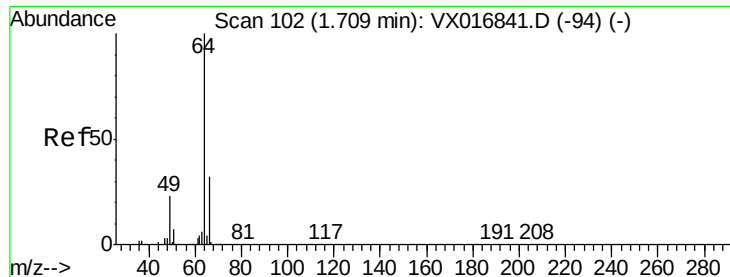
200

0

Time-->

1.25 1.30 1.35





#6

Chloroethane

Concen: 0.283 ug/l

RT: 1.74 min Scan# 107

Delta R.T. 0.03 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampled :

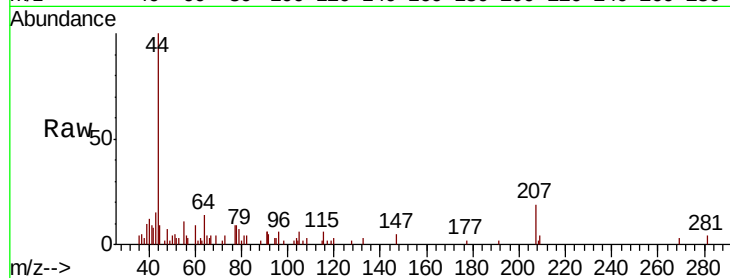
MW-2

Tot Ion: 64 Resp: 846

Ion Ratio Lower Upper

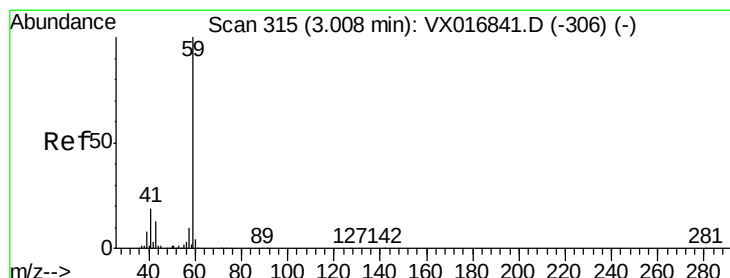
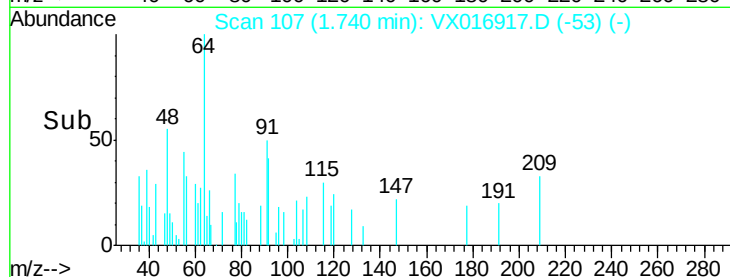
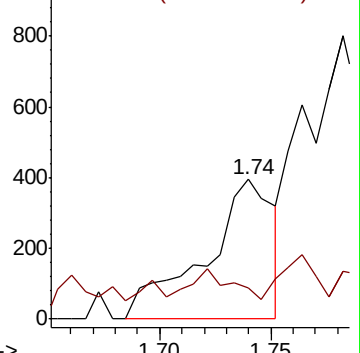
64 100

66 9.4 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 2.802 ug/l

RT: 3.01 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX016917.D

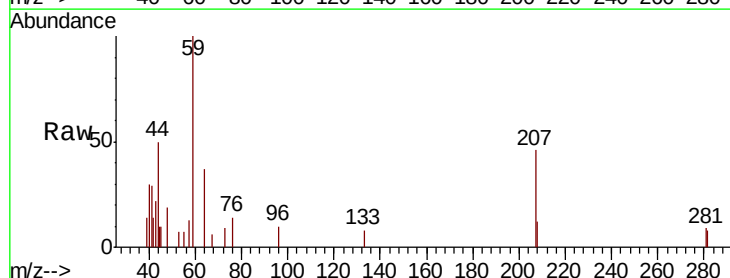
Acq: 20 Jun 2020 08:32

Tgt Ion: 59 Resp: 1972

Ion Ratio Lower Upper

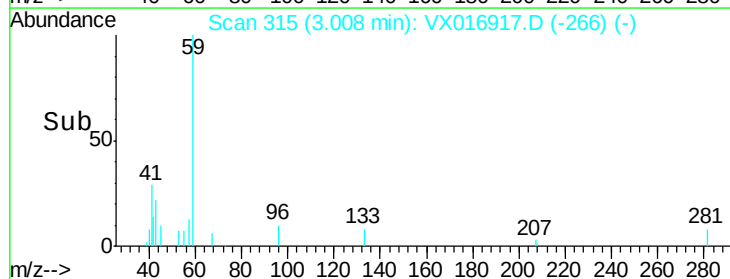
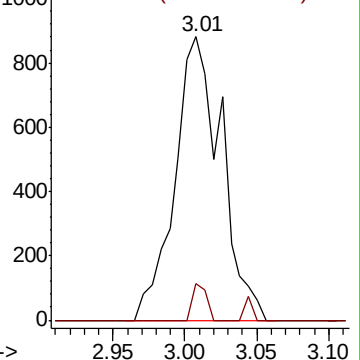
59 100

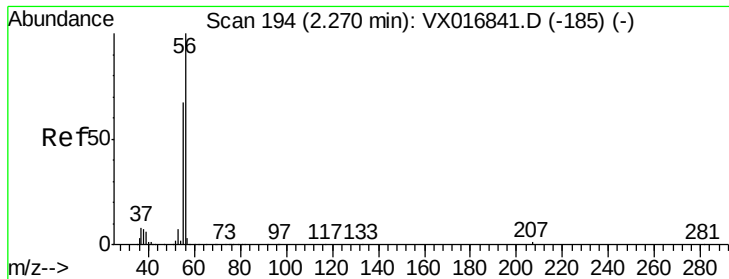
57 3.8 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

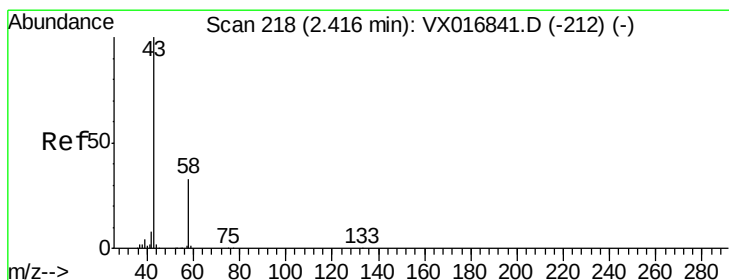
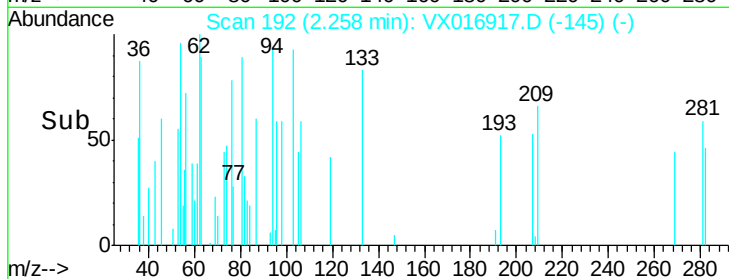
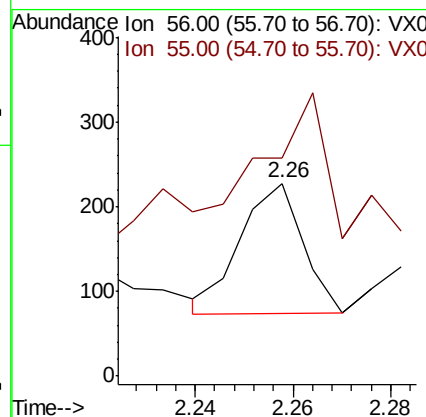
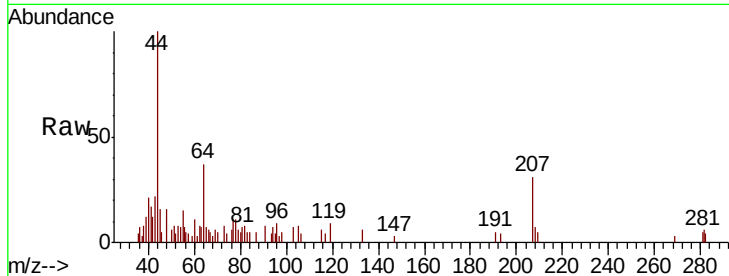




#13
Acrolein
Concen: 0.319 ug/l
RT: 2.26 min Scan# 192
Delta R.T. -0.01 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

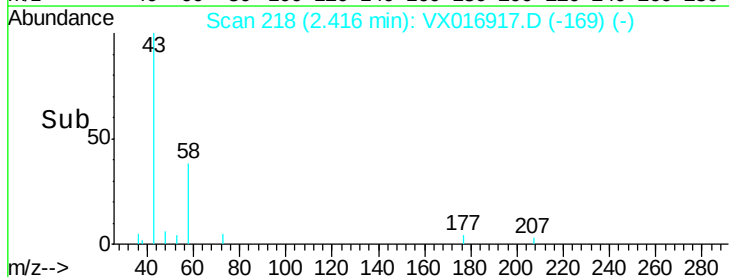
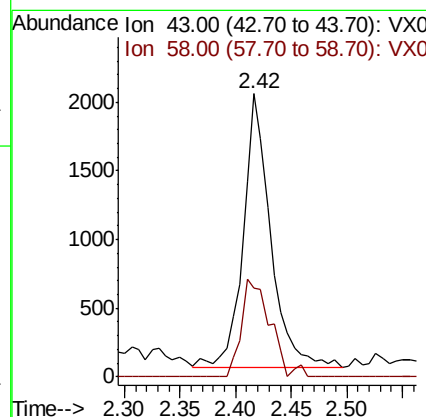
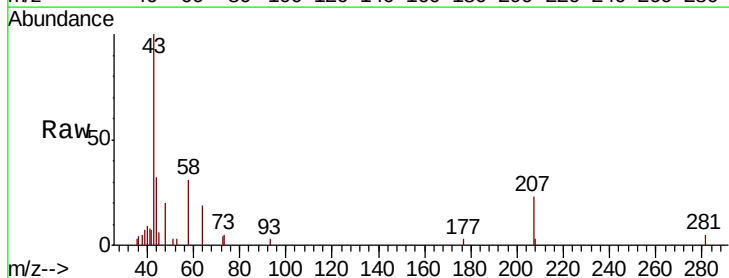
Instrument :
MSVOA_X
ClientSampled :
MW-2

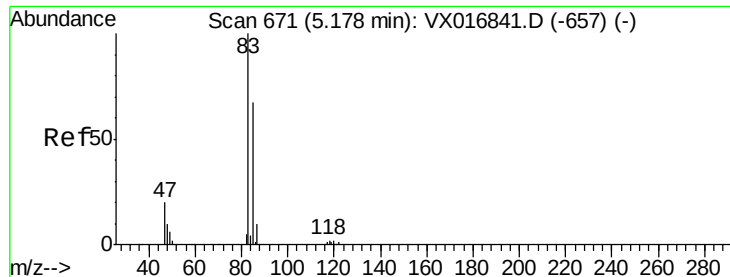
Tot Ion: 56 Resp: 136
Ion Ratio Lower Upper
56 100
55 472.8 55.7 83.5#



#16
Acetone
Concen: 2.262 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Tgt Ion: 43 Resp: 3418
Ion Ratio Lower Upper
43 100
58 32.3 26.6 39.8

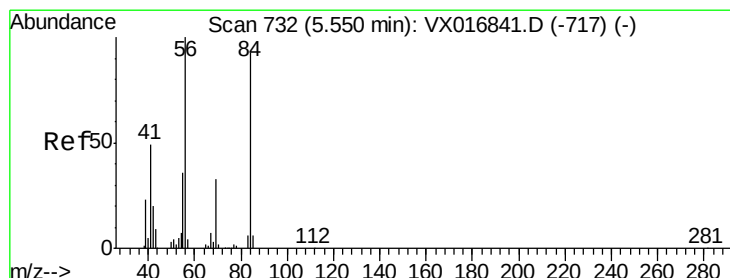
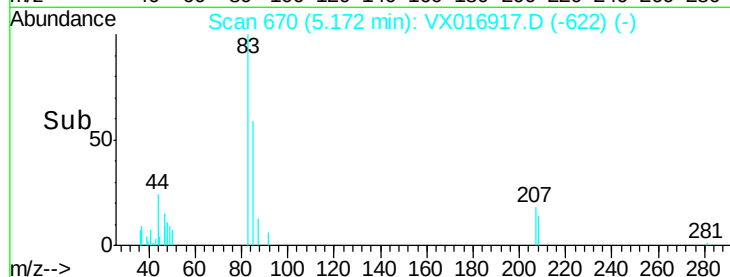
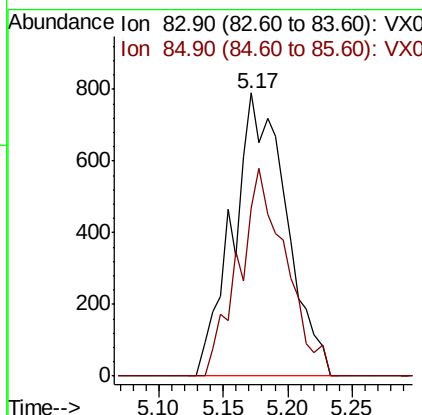
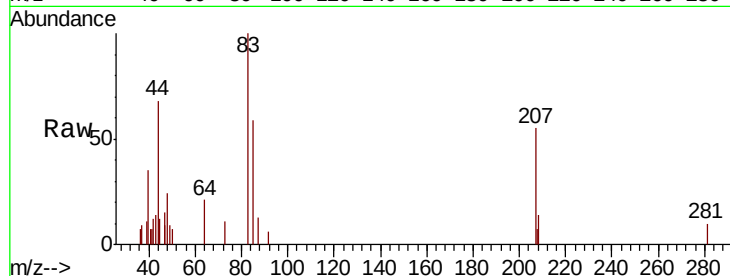




#30
Chloroform
Concen: 0.369 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

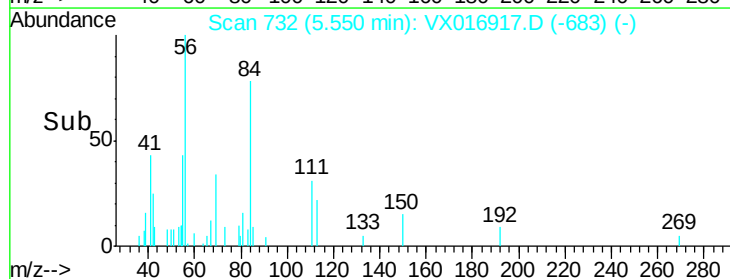
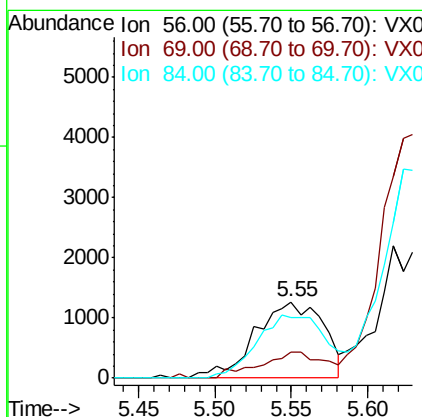
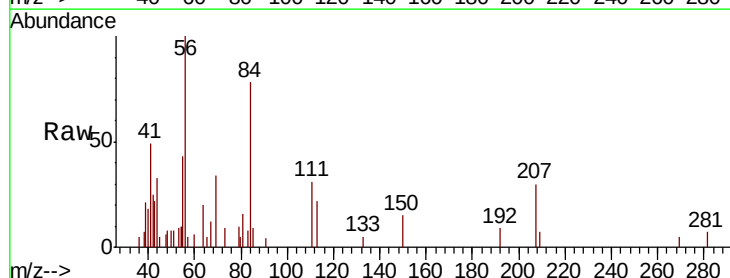
Instrument :
MSVOA_X
ClientSampleId :
MW-2

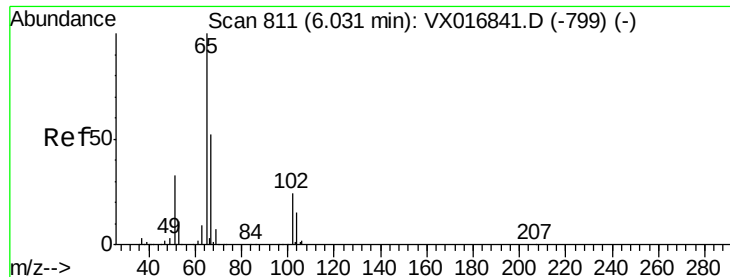
Tot Ion: 83 Resp: 2283
Ion Ratio Lower Upper
83 100
85 59.4 53.4 80.0



#31
Cyclohexane
Concen: 0.763 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Tgt Ion: 56 Resp: 3930
Ion Ratio Lower Upper
56 100
69 33.7 26.1 39.1
84 78.4 73.0 109.6

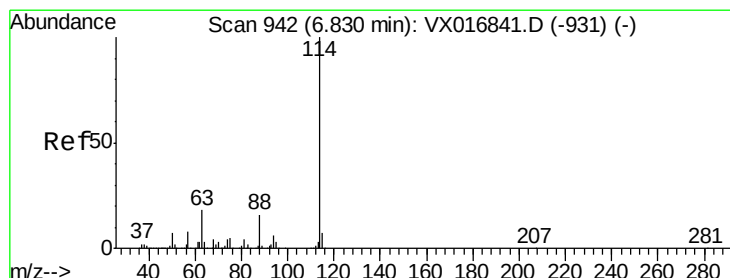
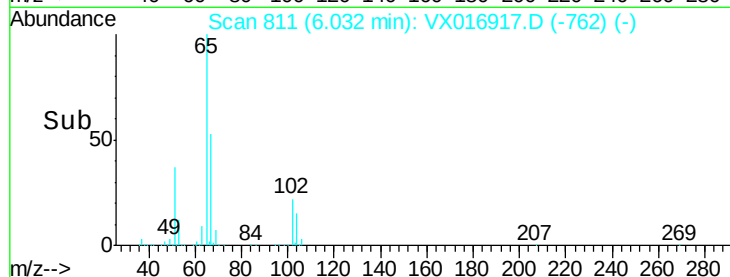
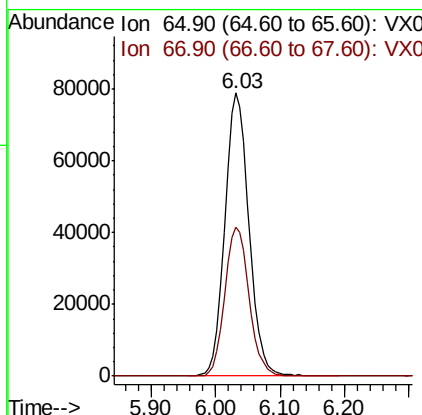
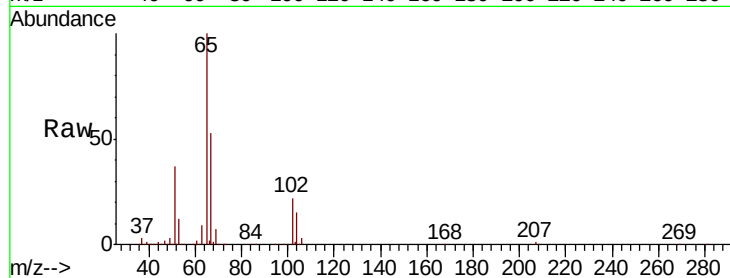




#33
 1,2-Dichloroethane-d4
 Concen: 49.988 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016917.D
 Acq: 20 Jun 2020 08:32

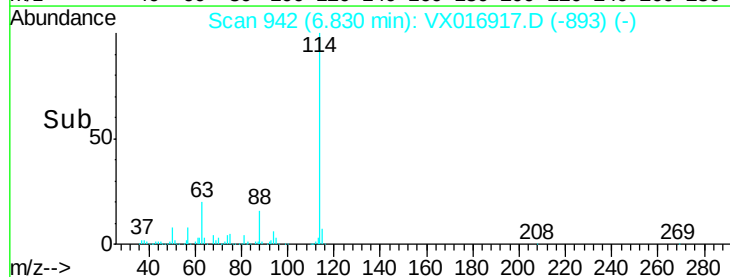
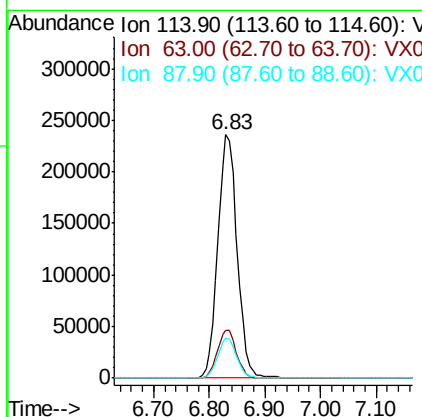
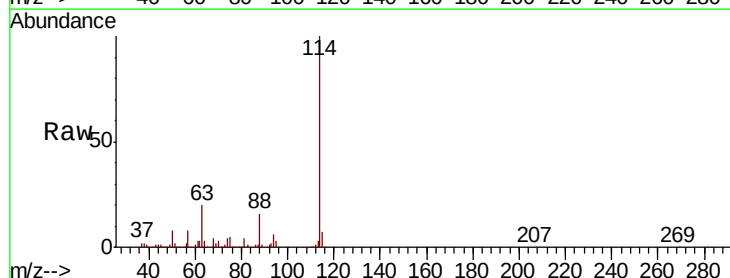
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

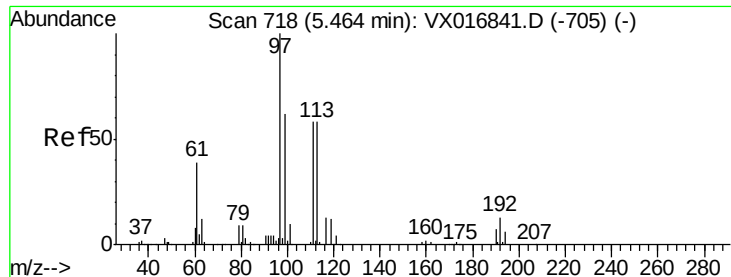
Tot Ion: 65 Resp: 208117
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016917.D
 Acq: 20 Jun 2020 08:32

Tgt Ion: 114 Resp: 567800
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.0
 88 16.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.847 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

MW-2

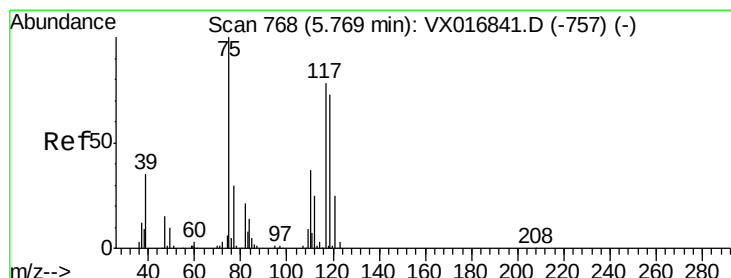
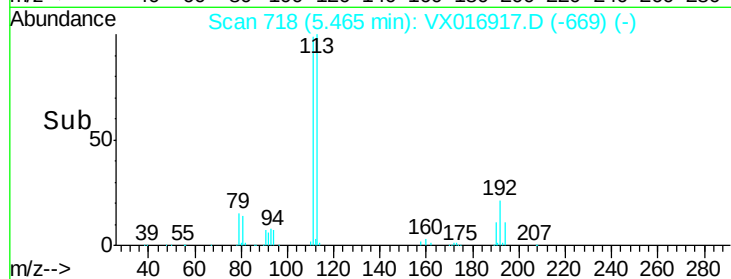
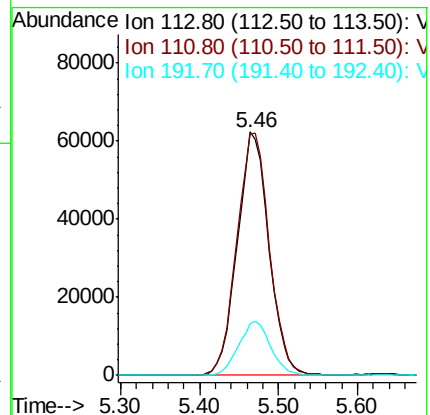
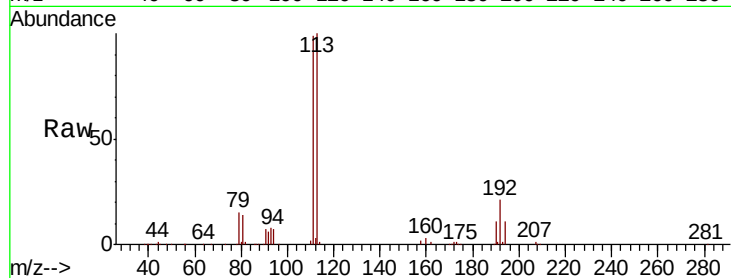
Tot Ion:113 Resp: 173792

Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.4

192 22.7 18.5 27.7



#36

1,1-Dichloropropene

Concen: 4.588 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

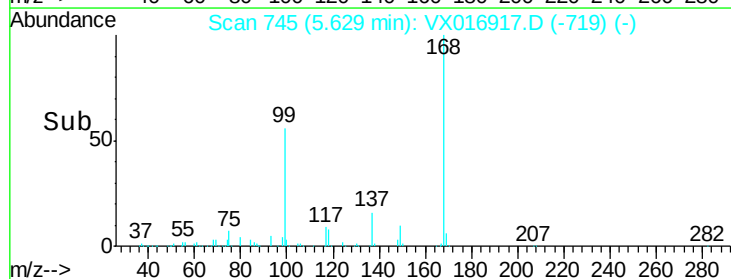
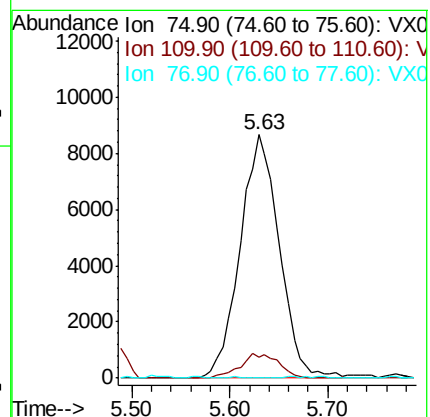
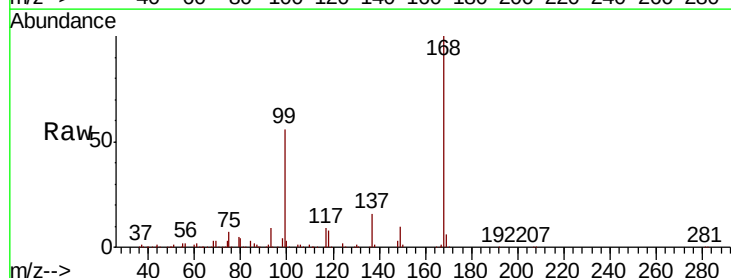
Tgt Ion: 75 Resp: 24055

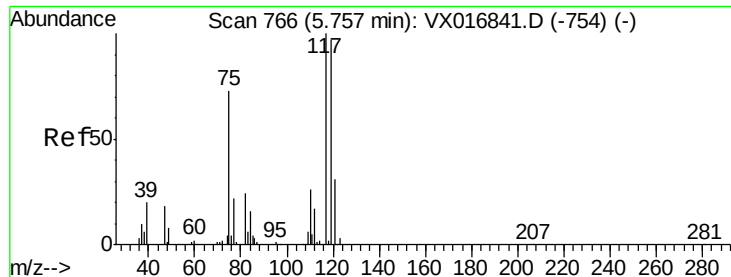
Ion Ratio Lower Upper

75 100

110 9.8 18.9 56.9#

77 0.0 25.6 38.4#





#38

Carbon Tetrachloride

Concen: 5.475 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampled :

MW-2

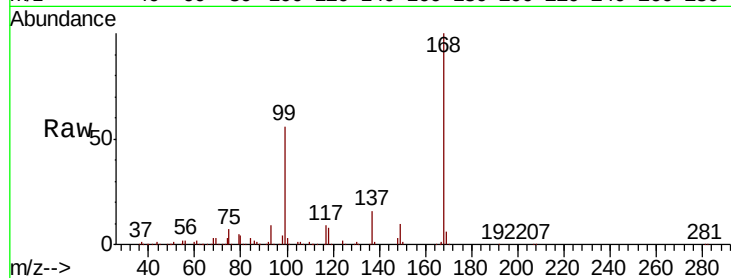
Tot Ion:117 Resp: 32207

Ion Ratio Lower Upper

117 100

119 5.4 77.4 116.2#

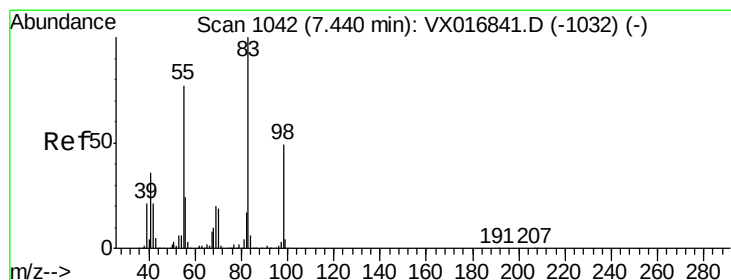
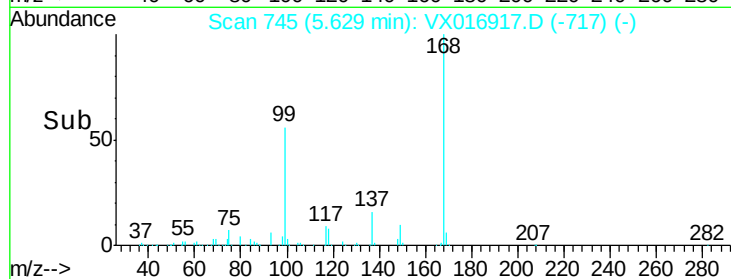
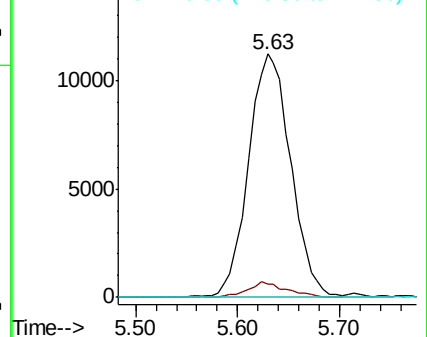
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.048 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

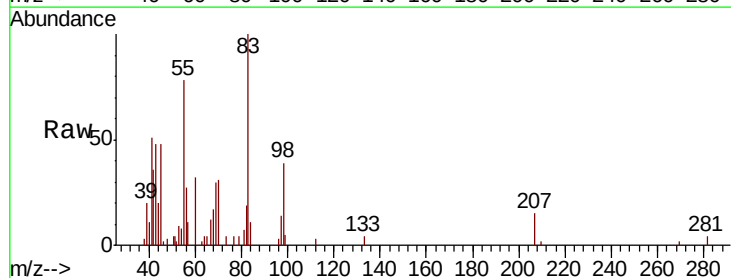
Tgt Ion: 83 Resp: 6389

Ion Ratio Lower Upper

83 100

55 78.0 61.7 92.5

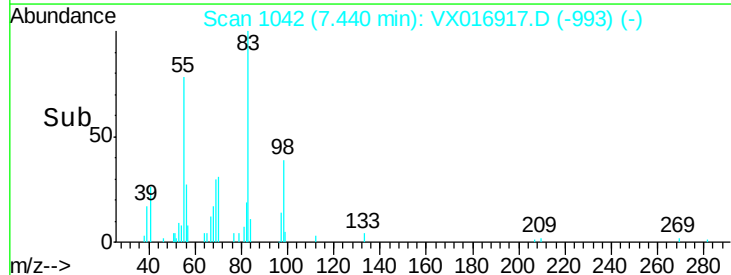
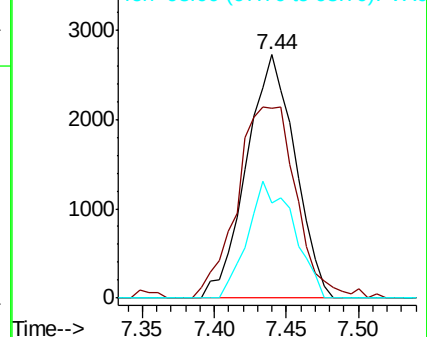
98 39.1 39.0 58.6

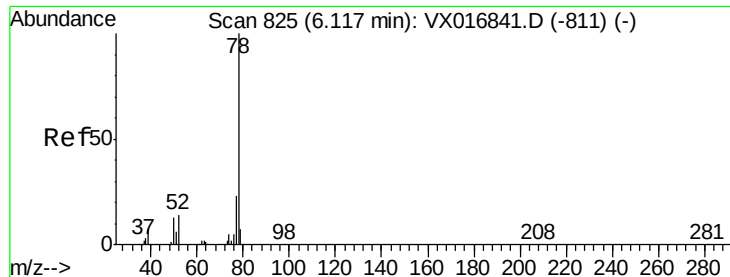


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.431 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampled :

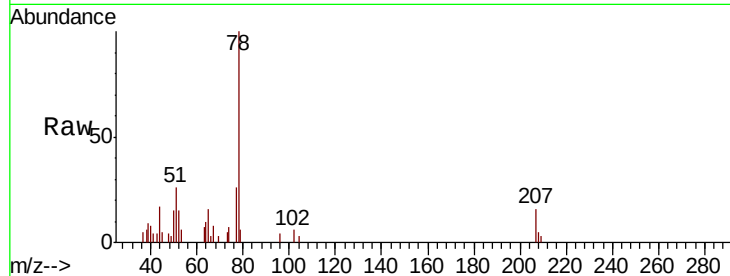
MW-2

Tot Ion: 78 Resp: 6775

Ion Ratio Lower Upper

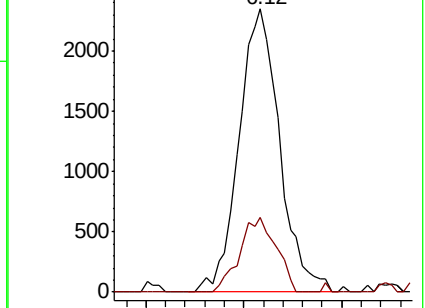
78 100

77 26.3 18.6 27.8

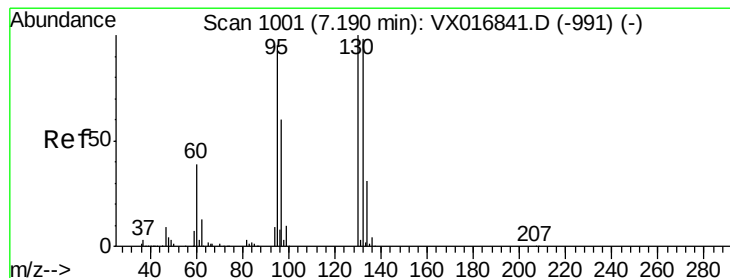
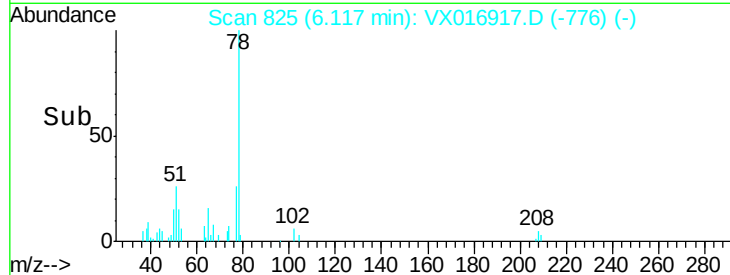


Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#44

Trichloroethene

Concen: 0.541 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016917.D

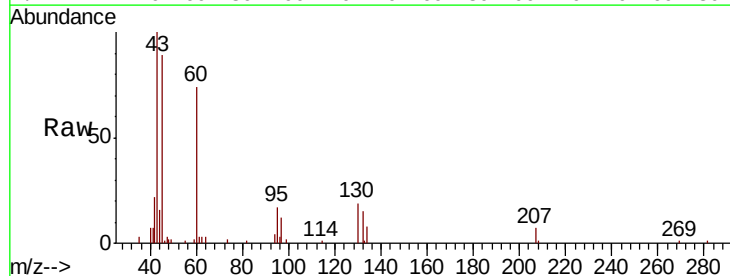
Acq: 20 Jun 2020 08:32

Tgt Ion:130 Resp: 2607

Ion Ratio Lower Upper

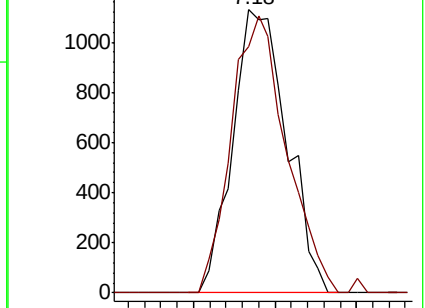
130 100

95 87.0 0.0 190.8

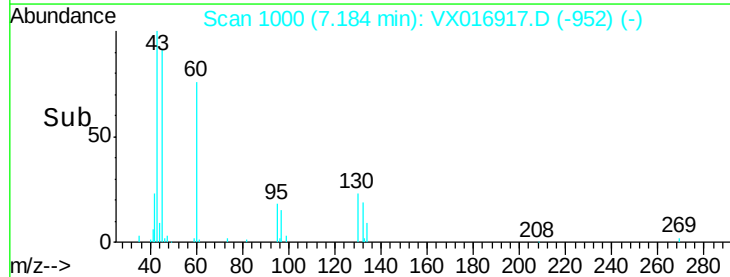


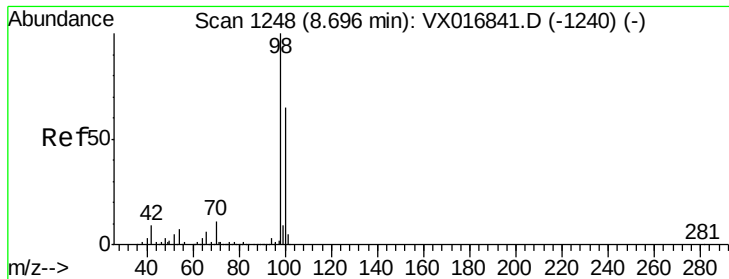
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->





#50

Toluene-d8

Concen: 41.785 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

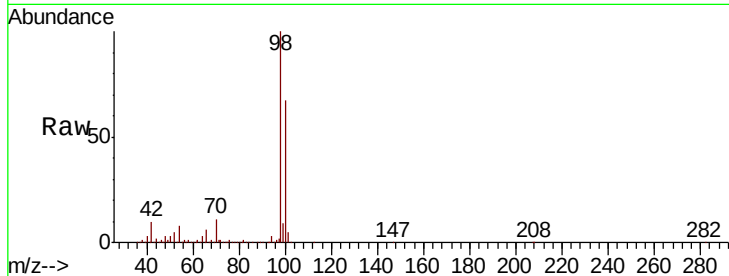
MW-2

Tot Ion: 98 Resp: 607225

Ion Ratio Lower Upper

98 100

100 67.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

300000

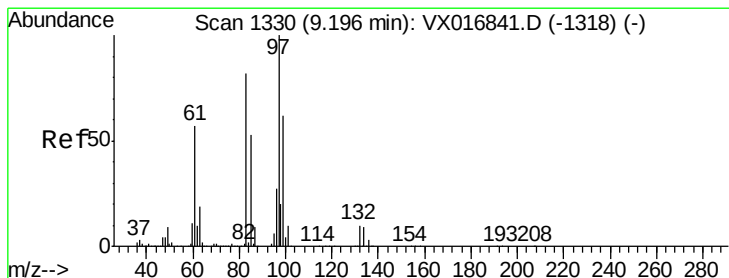
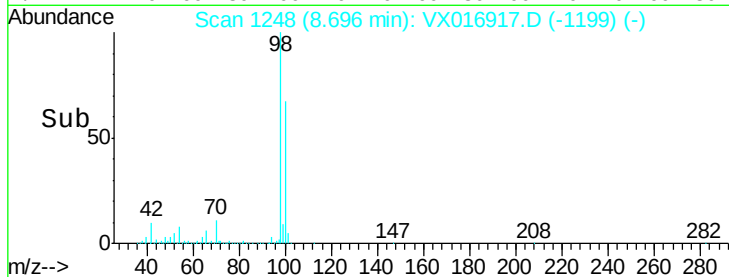
200000

100000

0

Time-->

8.60 8.70 8.80



#55

1,1,2-Trichloroethane

Concen: 2.947 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Tgt Ion: 97 Resp: 11611

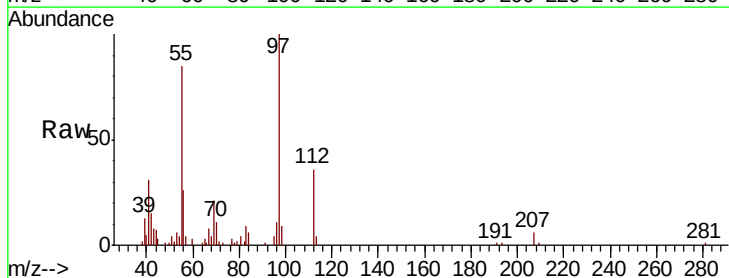
Ion Ratio Lower Upper

97 100

83 9.3 65.5 98.3#

85 0.0 42.6 63.8#

99 0.0 49.4 74.0#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

10000

8000

6000

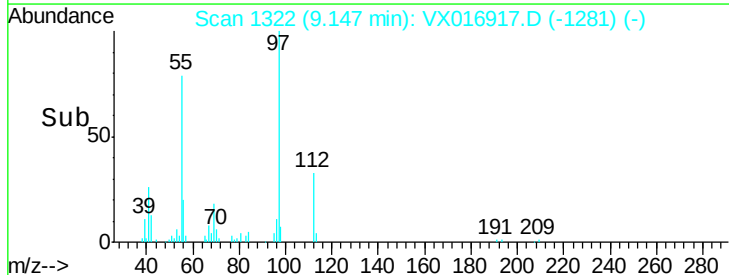
4000

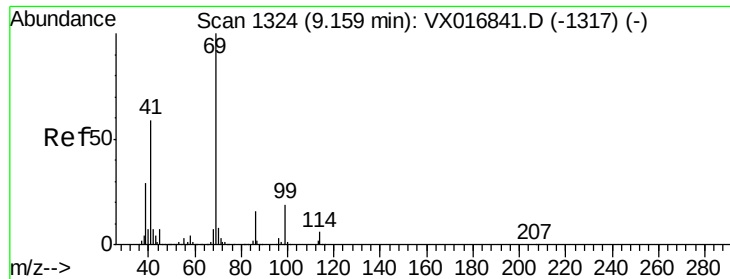
2000

0

Time-->

9.05 9.10 9.15 9.20 9.25





#56

Ethyl methacrylate

Concen: 0.468 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

MW-2

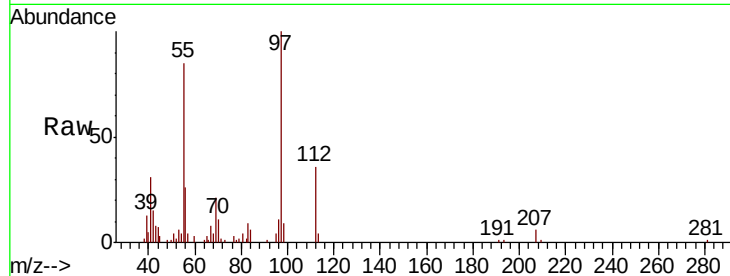
Tot Ion: 69 Resp: 2671

Ion Ratio Lower Upper

69 100

41 142.4 47.9 71.9#

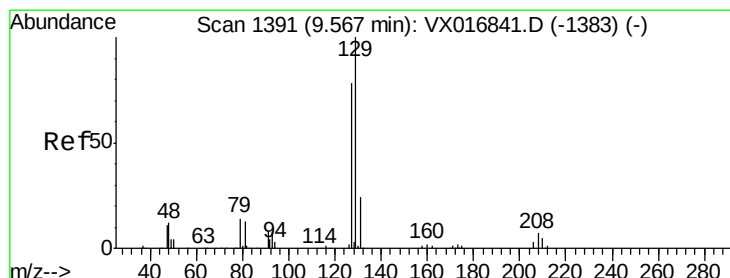
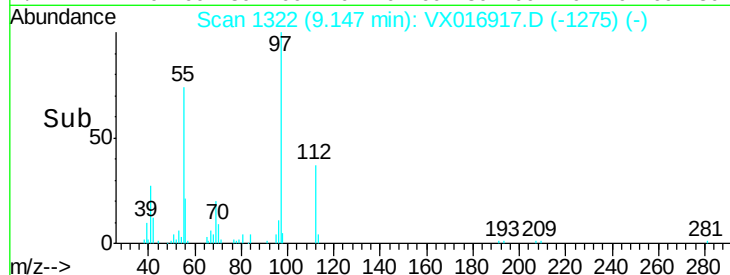
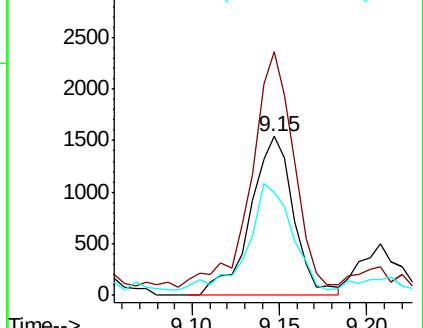
39 67.7 24.2 36.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#60

Dibromochloromethane

Concen: 0.717 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX016917.D

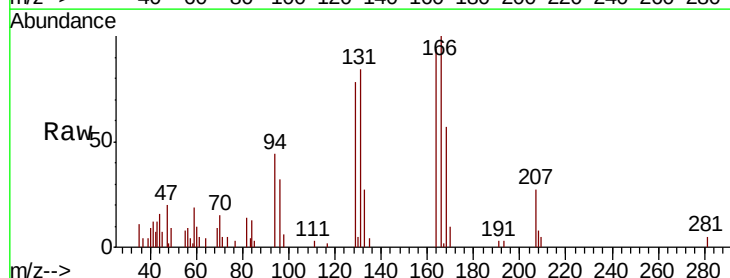
Acq: 20 Jun 2020 08:32

Tgt Ion: 129 Resp: 3390

Ion Ratio Lower Upper

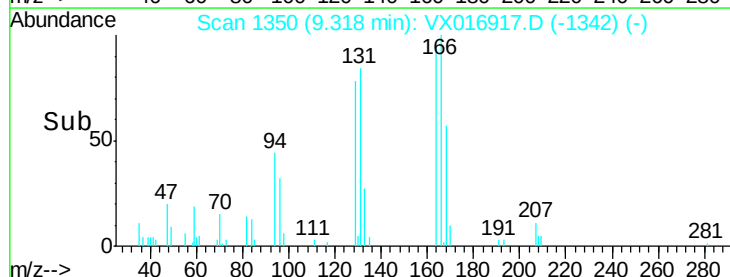
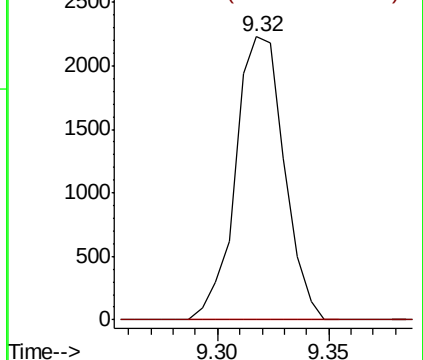
129 100

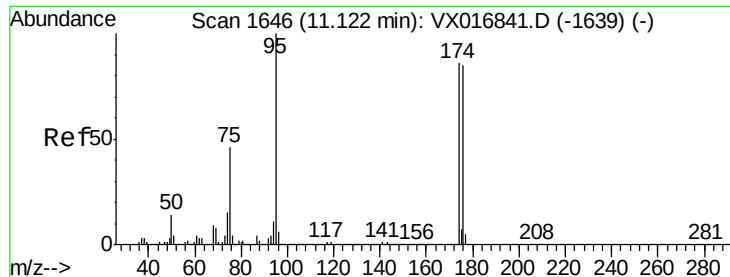
127 0.0 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

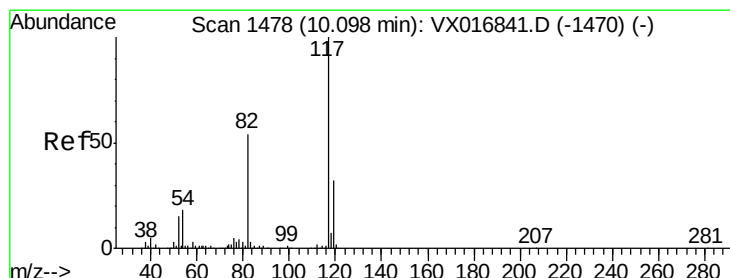
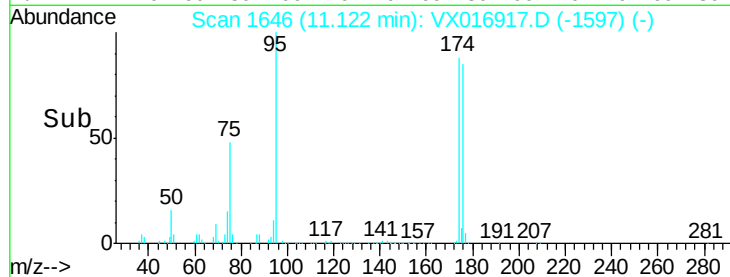
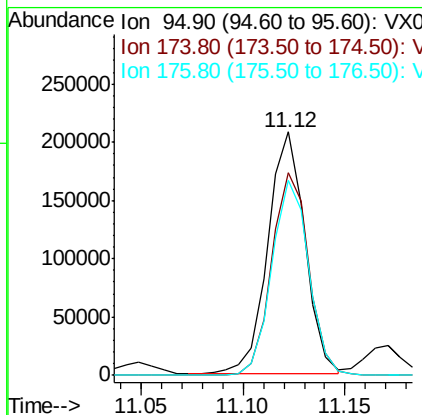
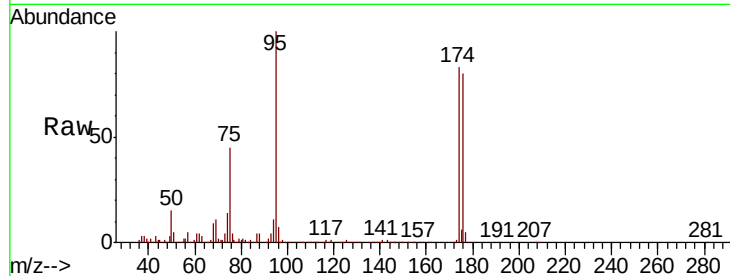




#62
4-Bromofluorobenzene
Concen: 47.319 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

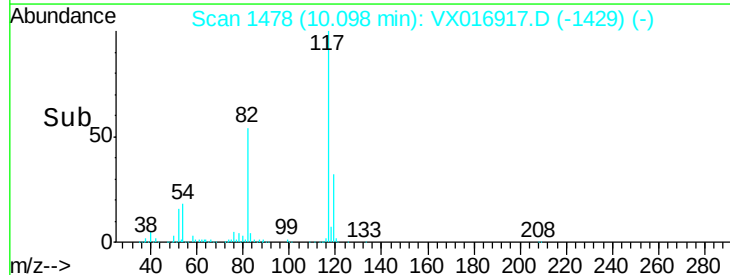
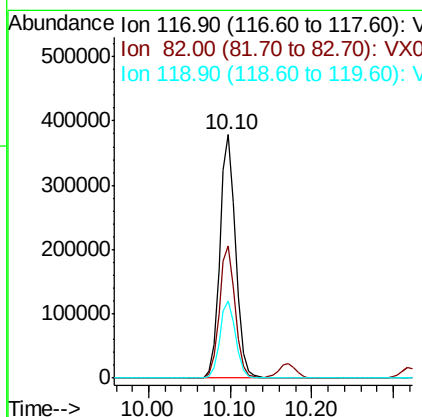
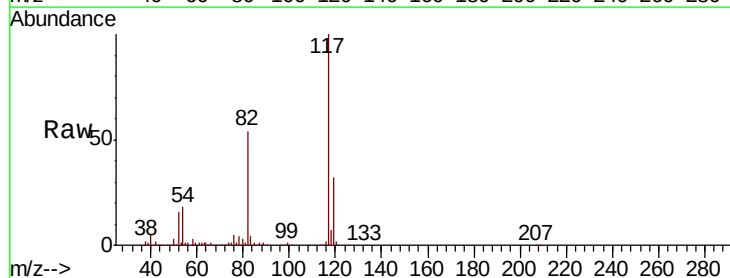
Instrument :
MSVOA_X
ClientSampled :
MW-2

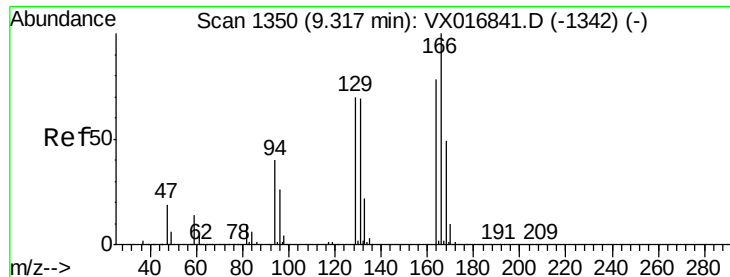
Tot Ion: 95 Resp: 263466
Ion Ratio Lower Upper
95 100
174 83.8 0.0 174.2
176 80.1 0.0 170.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Tgt Ion: 117 Resp: 511870
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.9 25.7 38.5





#64

Tetrachloroethene

Concen: 0.788 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tot Ion:164 Resp: 3734

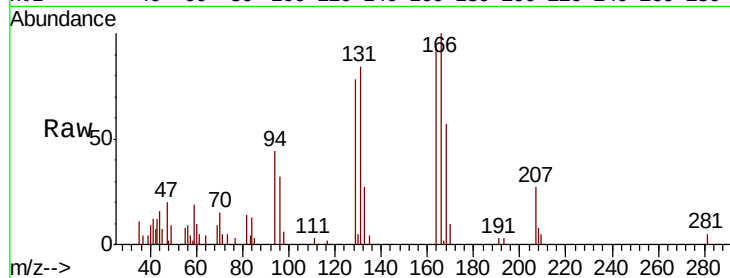
Ion Ratio Lower Upper

164 100

166 105.8 102.6 153.8

129 83.0 72.2 108.2

131 88.9 70.8 106.2

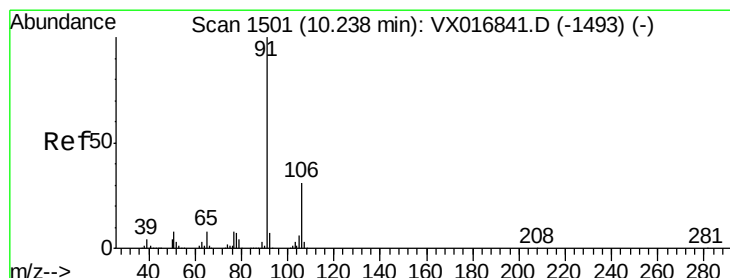
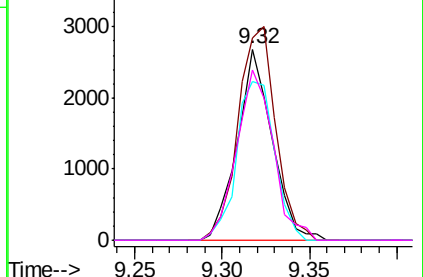
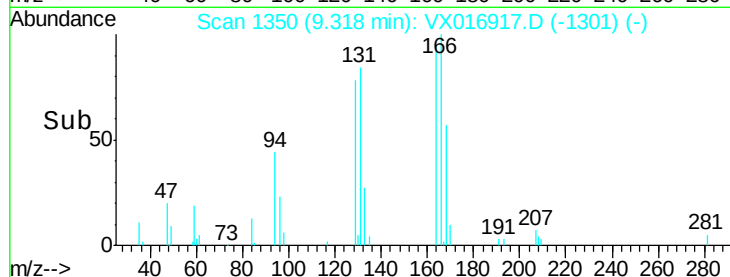


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 53.728 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016917.D

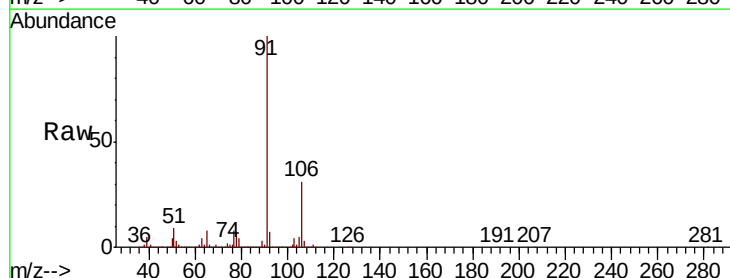
Acq: 20 Jun 2020 08:32

Tgt Ion: 91 Resp: 939635

Ion Ratio Lower Upper

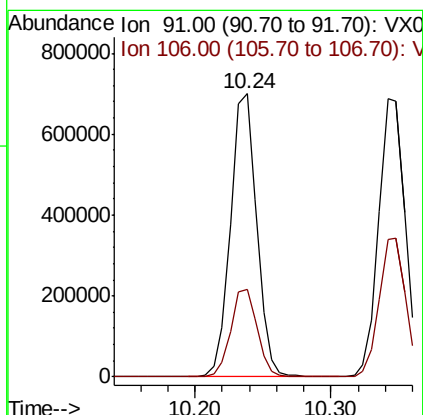
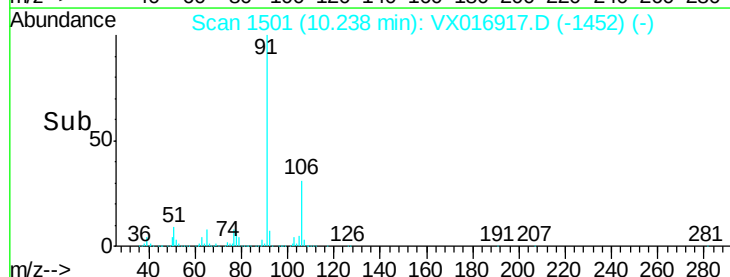
91 100

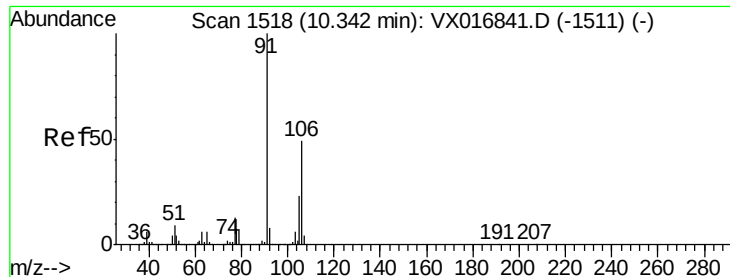
106 31.1 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 68.590 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

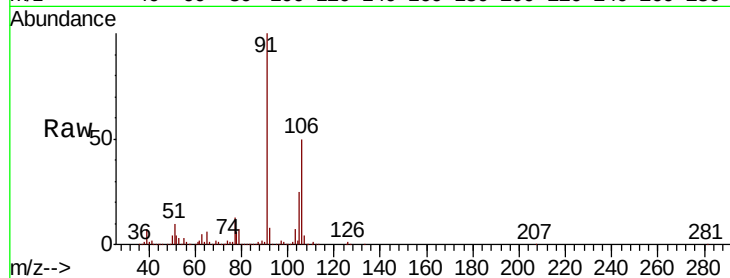
MW-2

Tot Ion:106 Resp: 466785

Ion Ratio Lower Upper

106 100

91 200.7 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

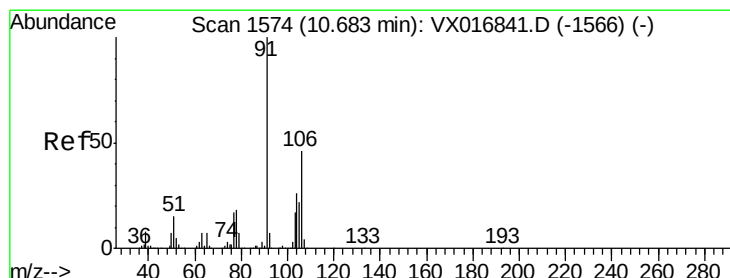
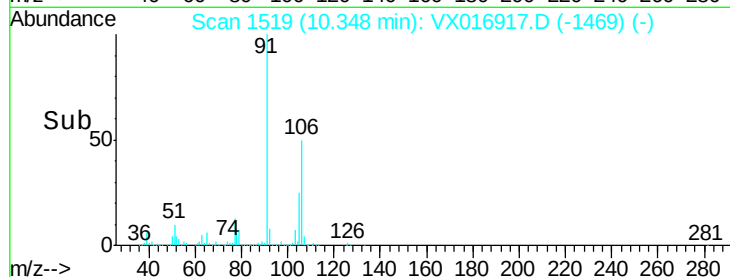
400000

200000

0

10.30 10.40 10.50

Time-->



#69

o-Xylene

Concen: 1.220 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016917.D

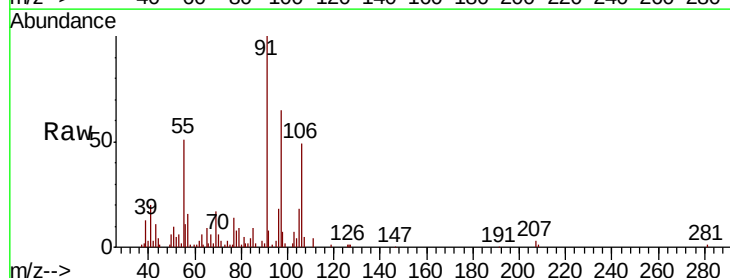
Acq: 20 Jun 2020 08:32

Tgt Ion:106 Resp: 7679

Ion Ratio Lower Upper

106 100

91 240.9 107.9 323.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

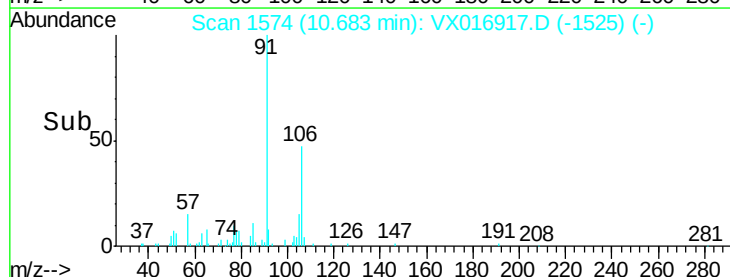
10000

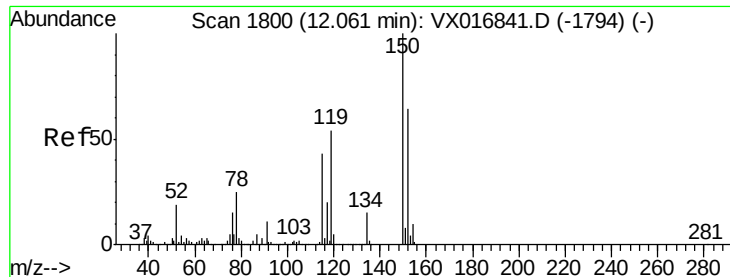
5000

0

10.65 10.70 10.75

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampled :

MW-2

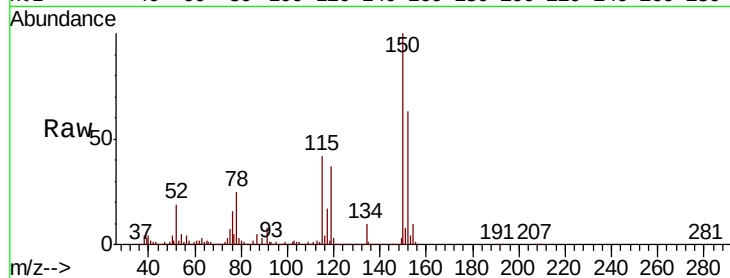
Tot Ion:152 Resp: 308578

Ion Ratio Lower Upper

152 100

115 69.8 40.9 122.8

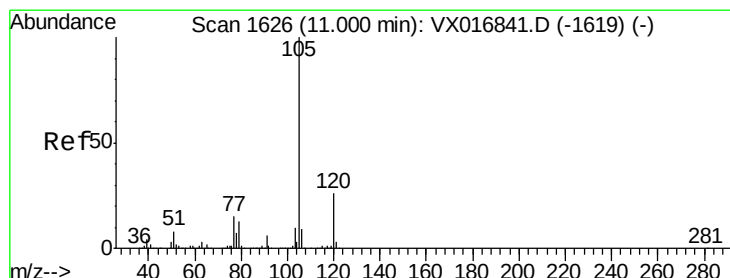
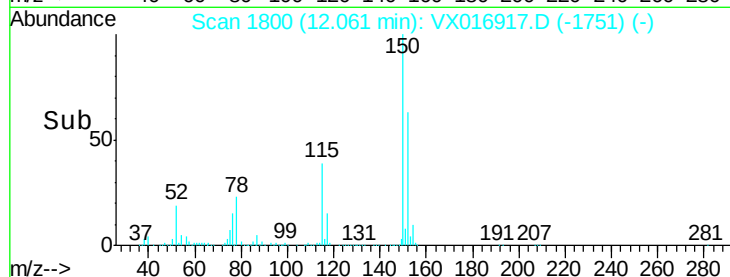
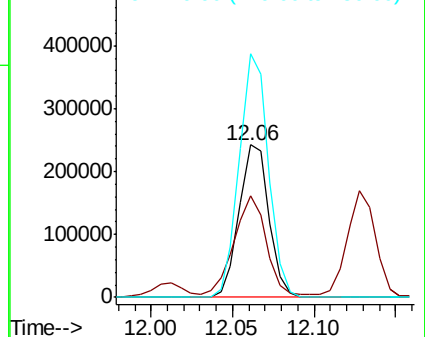
150 156.5 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 143.340 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016917.D

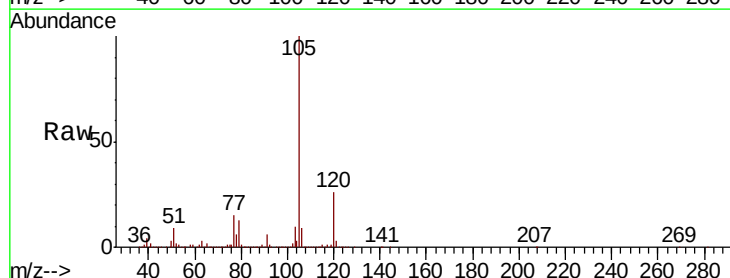
Acq: 20 Jun 2020 08:32

Tgt Ion:105 Resp: 2847875

Ion Ratio Lower Upper

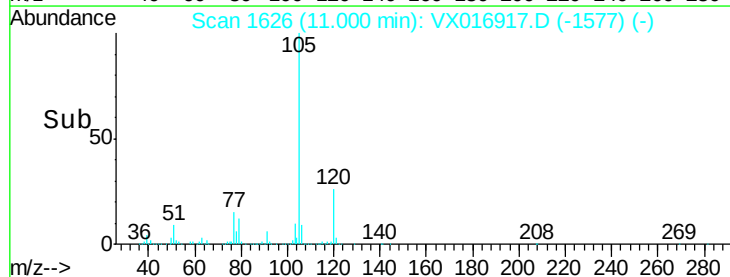
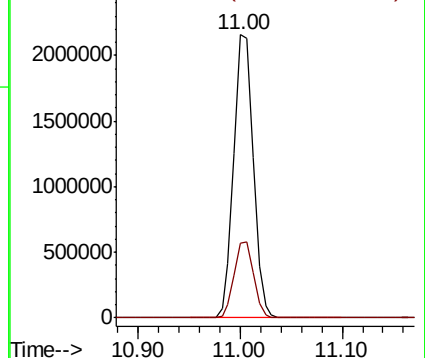
105 100

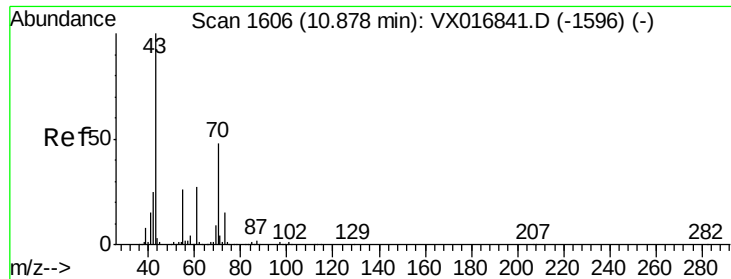
120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.977 ug/l

RT: 10.90 min Scan# 1609

Delta R.T. 0.02 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tot Ion: 43 Resp: 13716

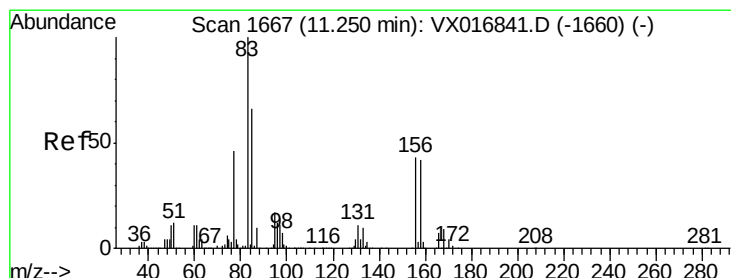
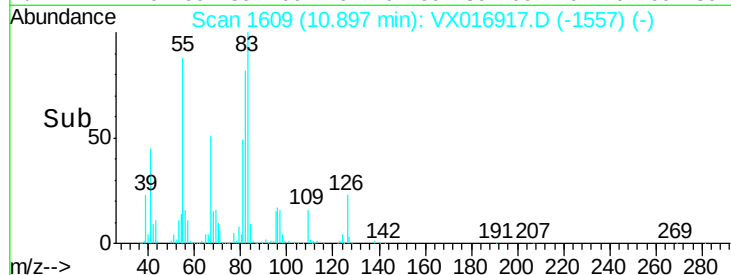
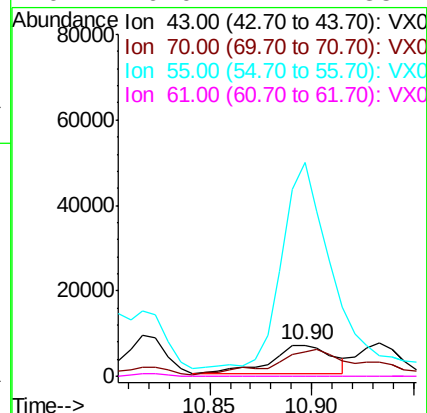
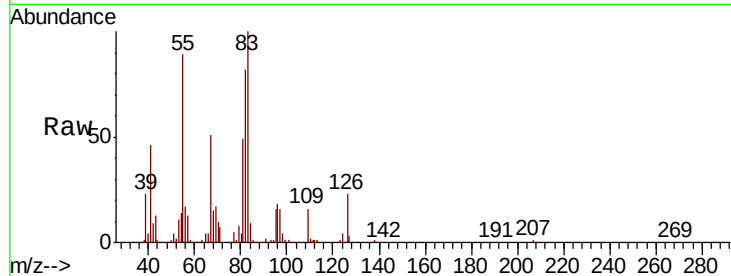
Ion Ratio Lower Upper

43 100

70 124.3 39.9 59.9#

55 616.4 21.8 32.6#

61 0.0 22.2 33.4#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.395 ug/l

RT: 11.47 min Scan# 1703

Delta R.T. 0.22 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

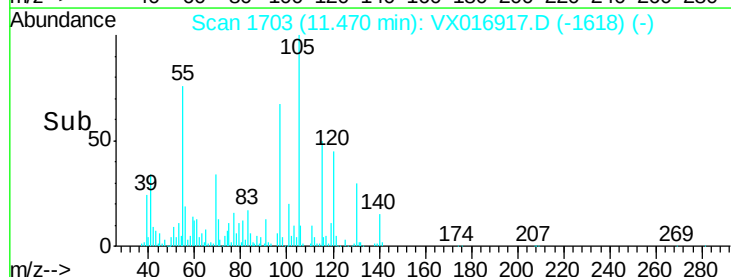
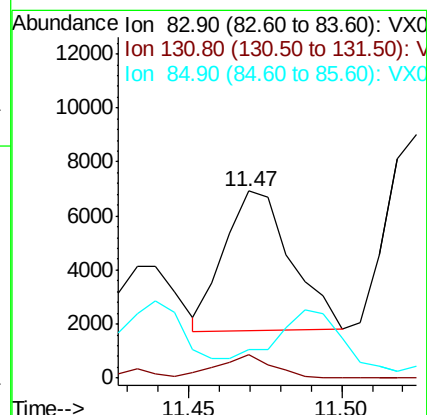
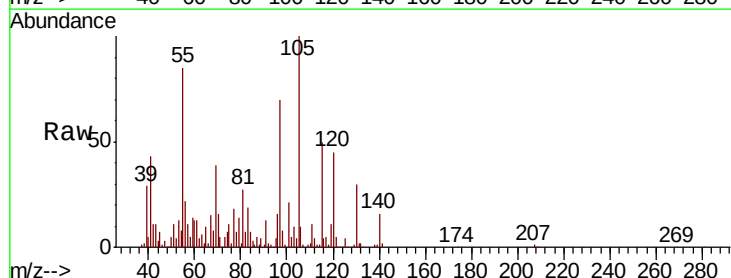
Tgt Ion: 83 Resp: 7826

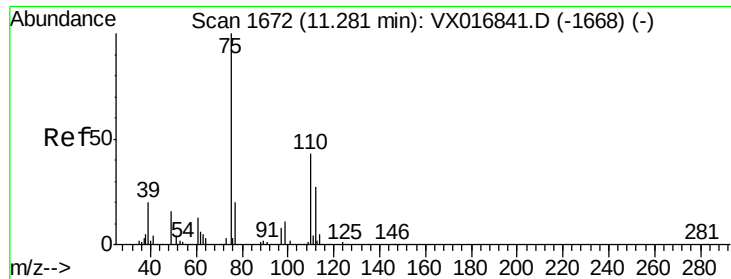
Ion Ratio Lower Upper

83 100

131 13.4 5.7 17.1

85 43.5 32.6 97.8





#76

1,2,3-Trichloropropane

Concen: 5.774 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.06 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

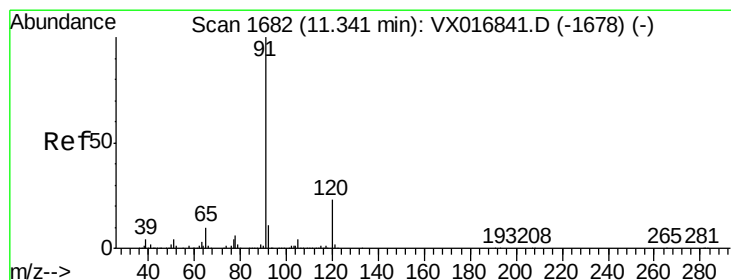
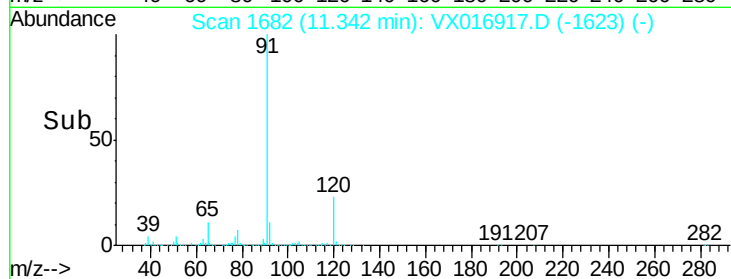
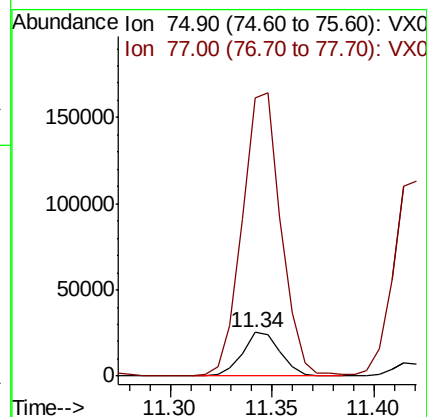
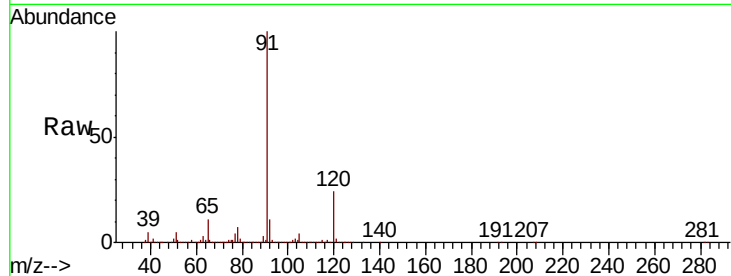
MW-2

Tot Ion: 75 Resp: 32539

Ion Ratio Lower Upper

75 100

77 664.2 20.5 61.5#



#78

n-propylbenzene

Concen: 248.363 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016917.D

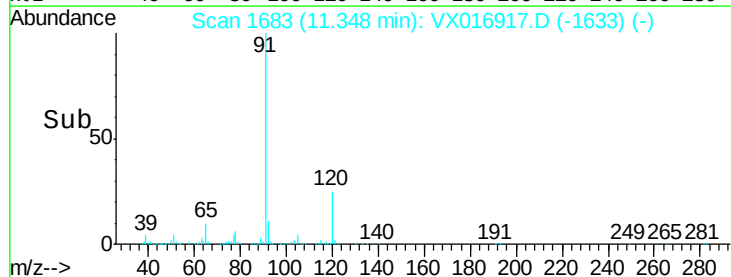
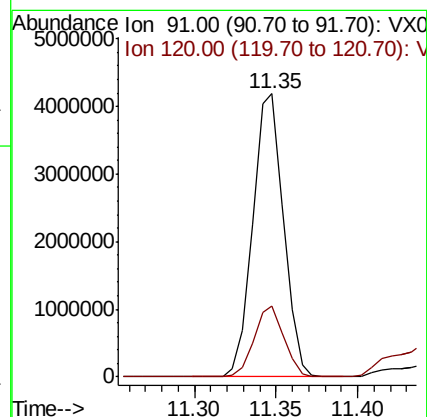
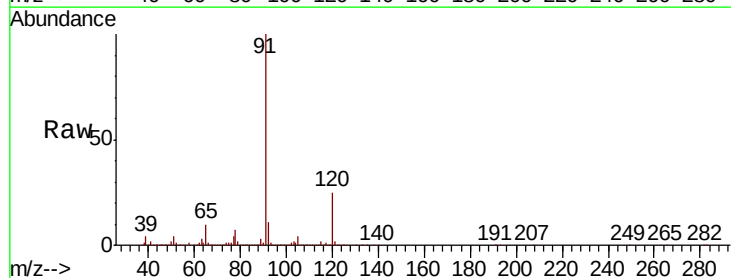
Acq: 20 Jun 2020 08:32

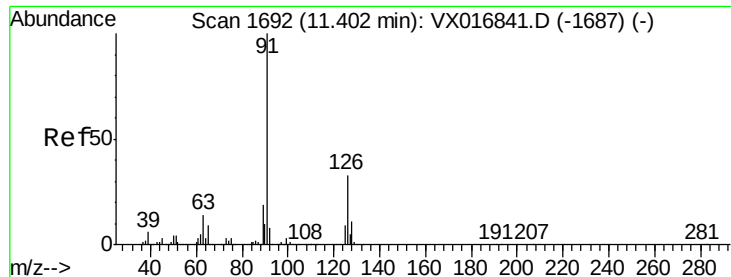
Tgt Ion: 91 Resp: 5506950

Ion Ratio Lower Upper

91 100

120 24.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 25.499 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. 0.04 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

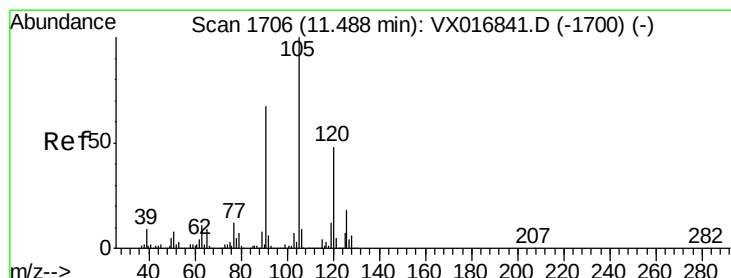
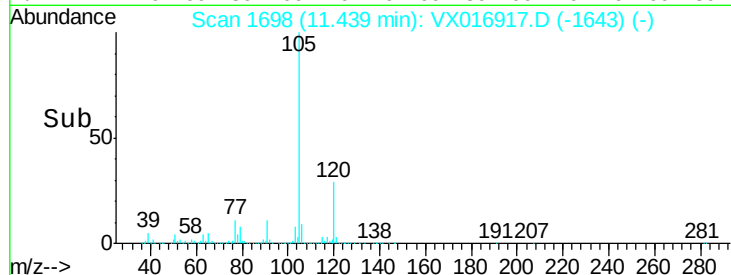
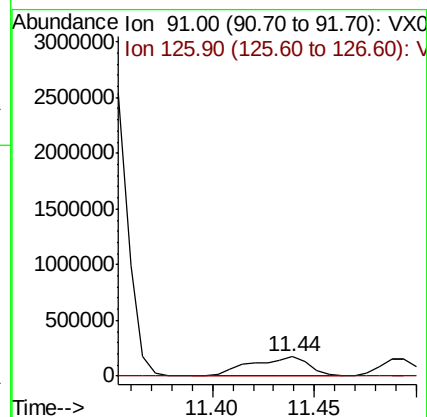
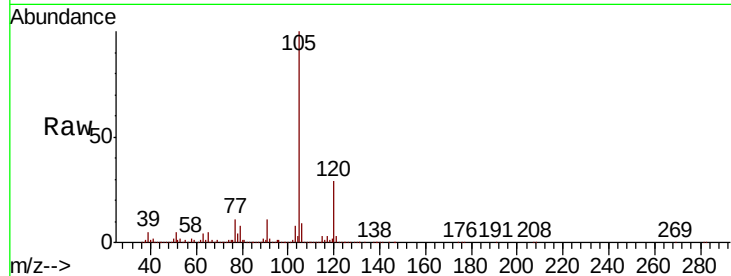
MW-2

Tot Ion: 91 Resp: 345930

Ion Ratio Lower Upper

91 100

126 0.2 17.2 51.5#



#80

1,3,5-Trimethylbenzene

Concen: 111.615 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016917.D

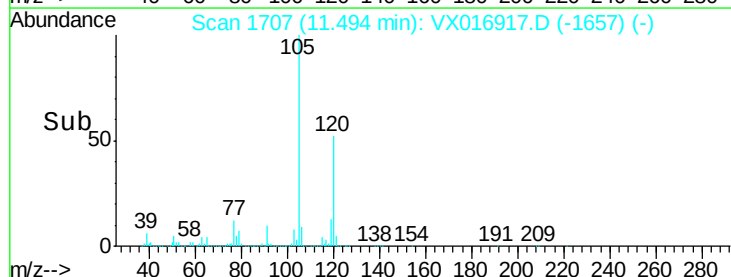
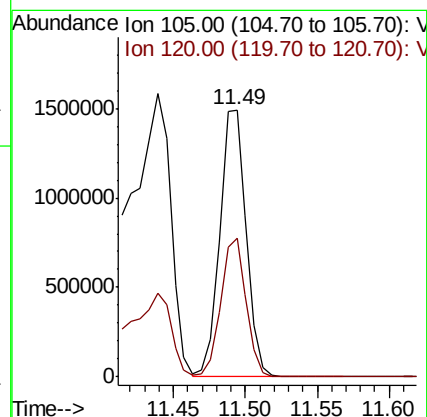
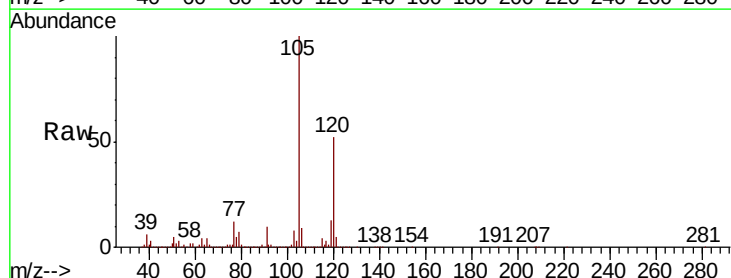
Acq: 20 Jun 2020 08:32

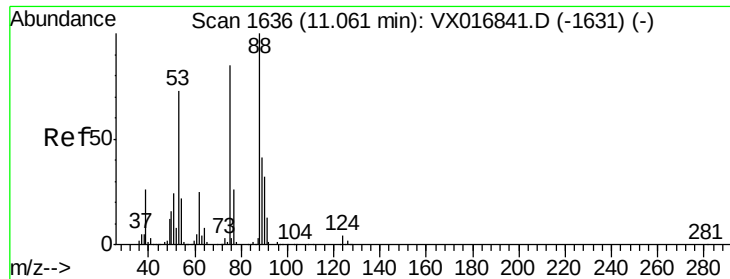
Tgt Ion: 105 Resp: 1913308

Ion Ratio Lower Upper

105 100

120 50.1 24.6 74.0

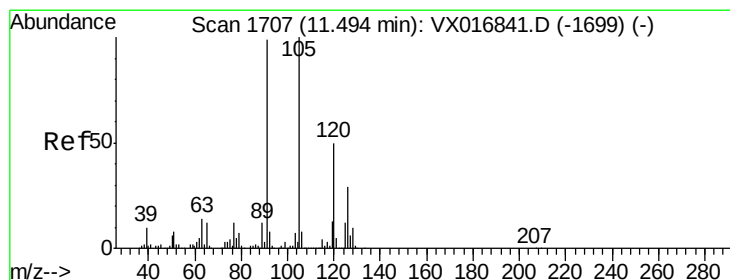
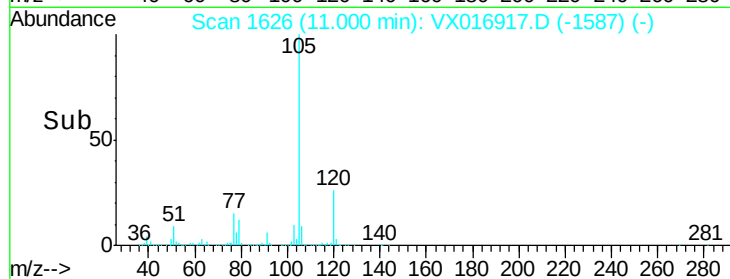
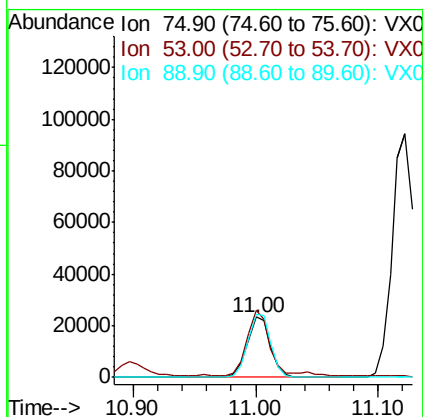
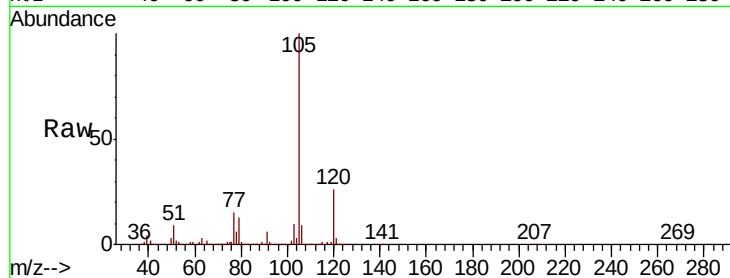




#81
trans-1,4-Dichloro-2-butene
Concen: 13.472 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.06 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

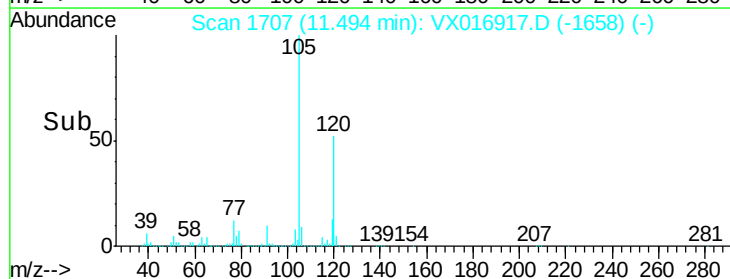
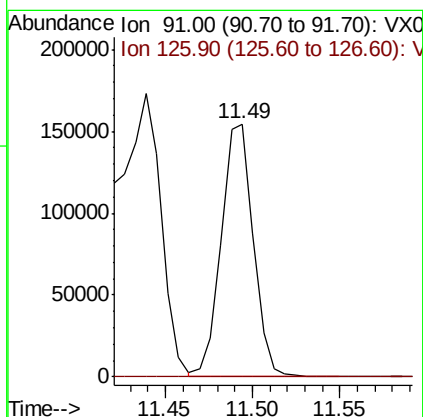
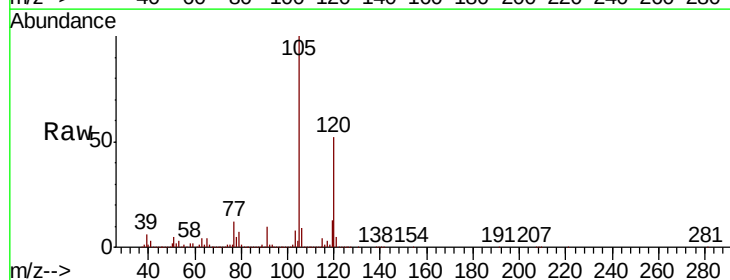
Instrument :
MSVOA_X
ClientSampled :
MW-2

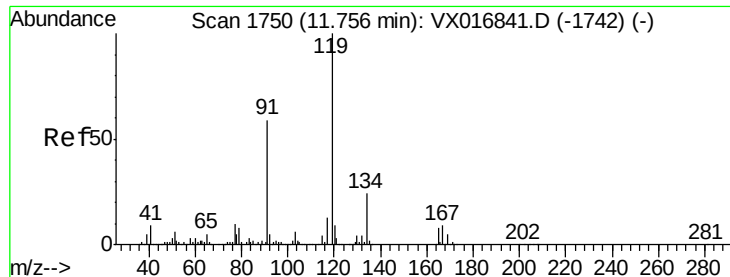
Tot Ion: 75 Resp: 31003
Ion Ratio Lower Upper
75 100
53 105.4 69.8 104.8#
89 104.0 38.3 57.5#



#82
4-Chlorotoluene
Concen: 12.006 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016917.D
Acq: 20 Jun 2020 08:32

Tgt Ion: 91 Resp: 195401
Ion Ratio Lower Upper
91 100
126 0.2 15.0 45.0#





#83

tert-Butylbenzene

Concen: 19.104 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

MW-2

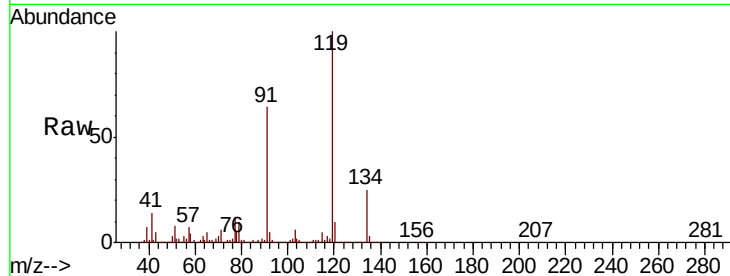
Tot Ion:119 Resp: 324017

Ion Ratio Lower Upper

119 100

91 59.5 28.5 85.5

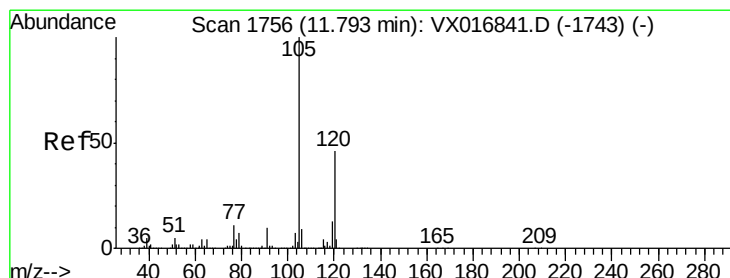
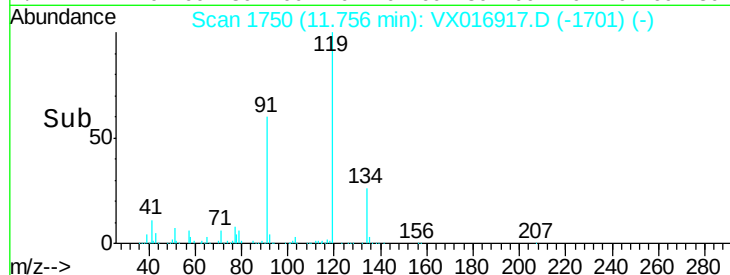
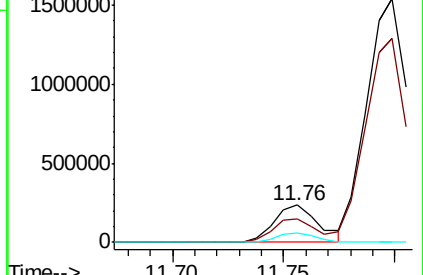
134 23.6 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 730.078 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016917.D

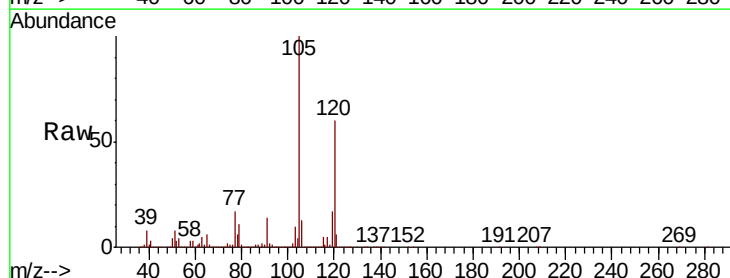
Acq: 20 Jun 2020 08:32

Tgt Ion:105 Resp:12891821

Ion Ratio Lower Upper

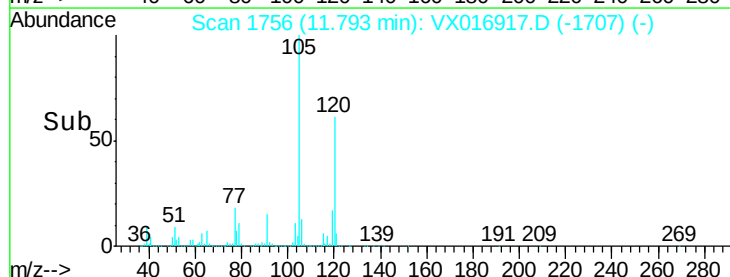
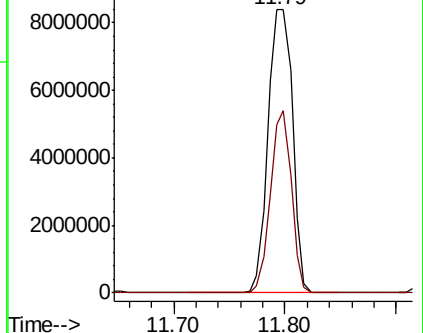
105 100

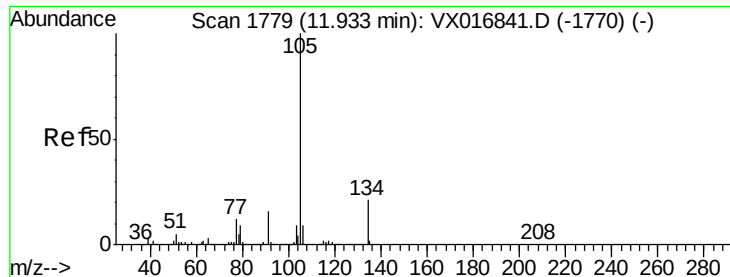
120 55.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 66.565 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

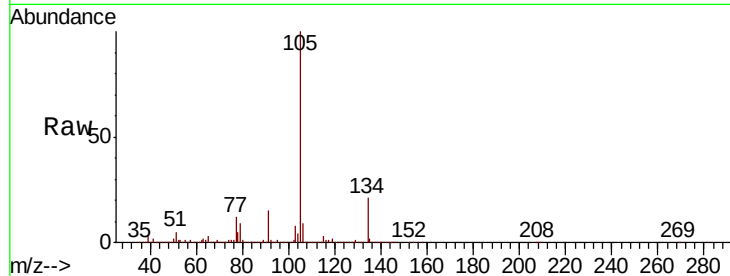
MW-2

Tot Ion:105 Resp: 1311209

Ion Ratio Lower Upper

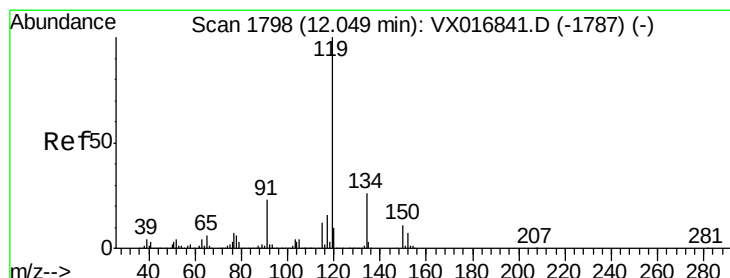
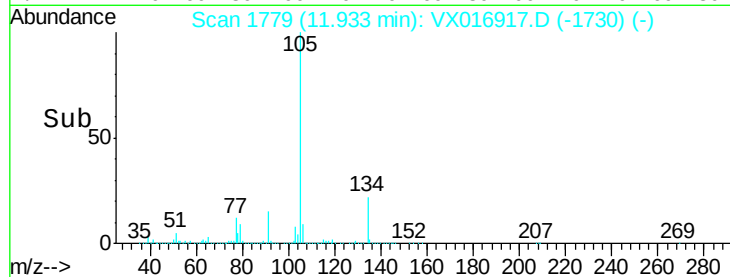
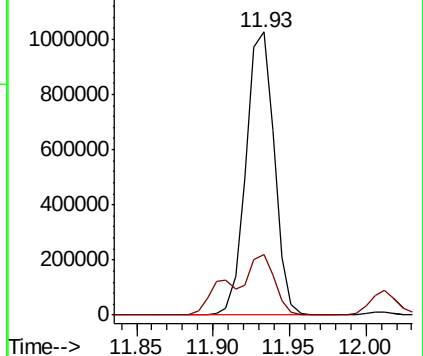
105 100

134 32.6 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 27.410 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

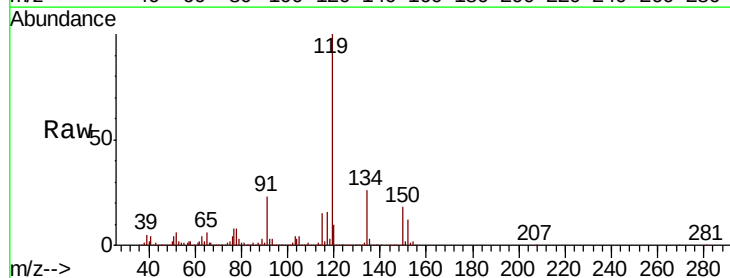
Tgt Ion:119 Resp: 494698

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

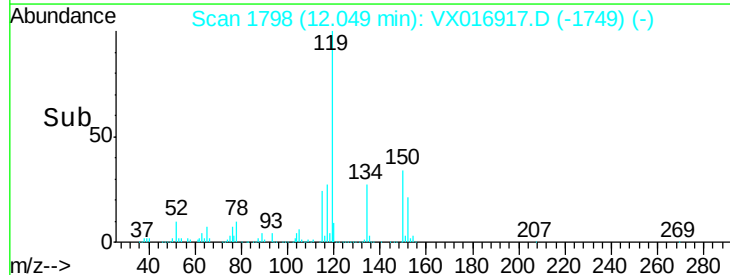
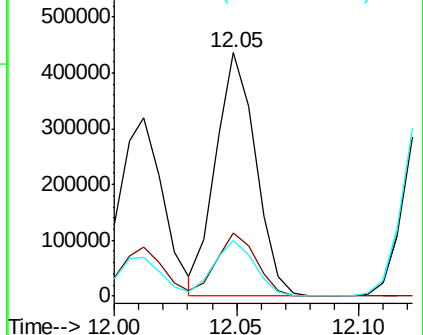
91 22.8 11.6 34.8

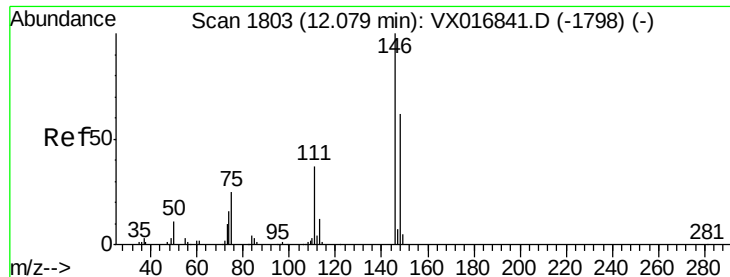


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#88

1,4-Dichlorobenzene

Concen: 0.300 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

MW-2

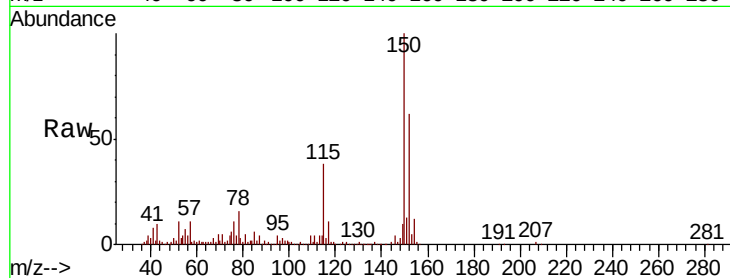
Tot Ion:146 Resp: 3006

Ion Ratio Lower Upper

146 100

111 184.9 19.0 57.0#

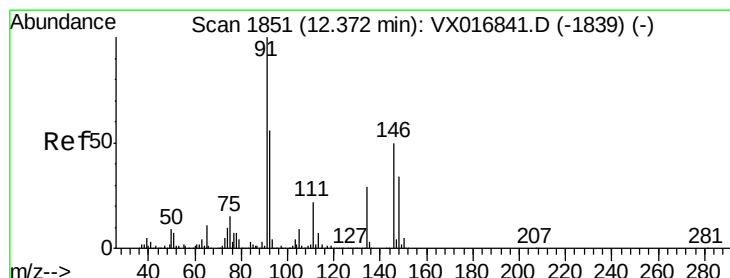
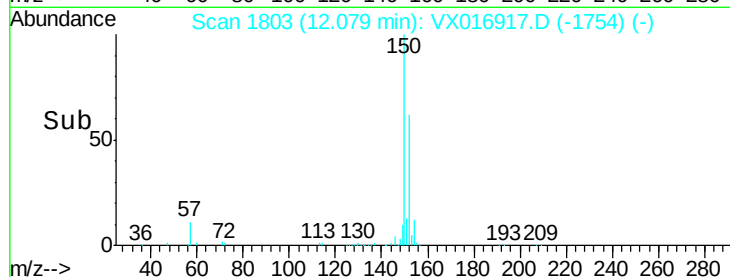
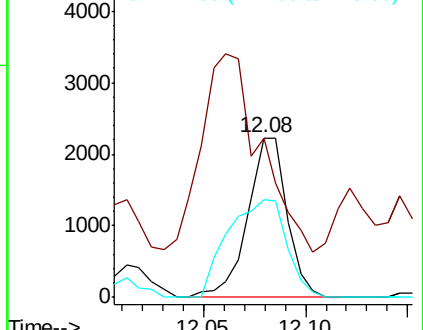
148 91.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 43.543 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

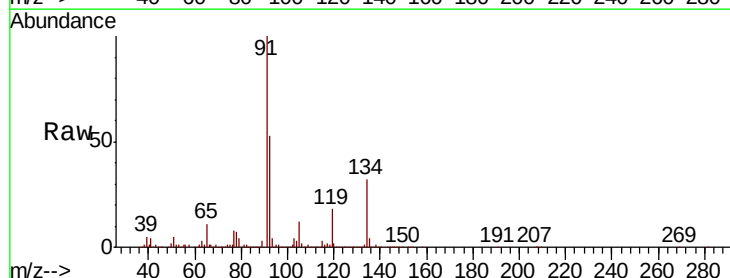
Tgt Ion: 91 Resp: 673900

Ion Ratio Lower Upper

91 100

92 43.9 27.4 82.2

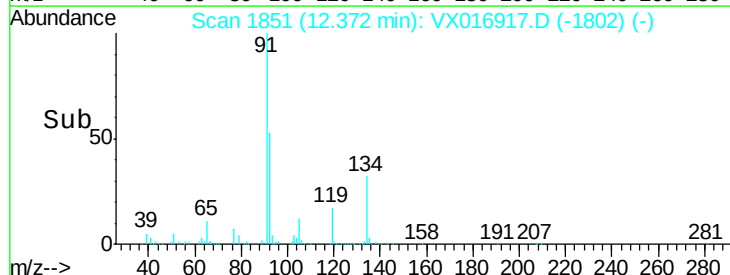
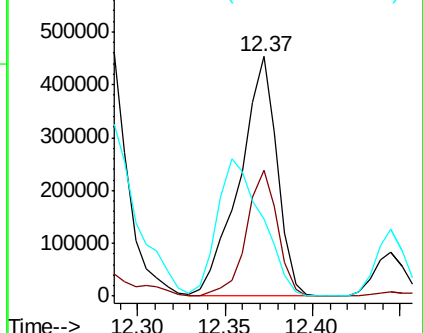
134 68.0 13.9 41.6#

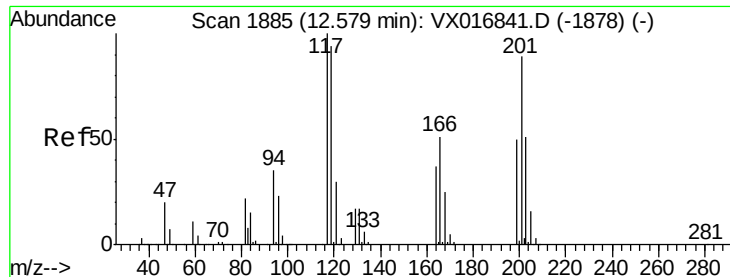


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 24.480 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

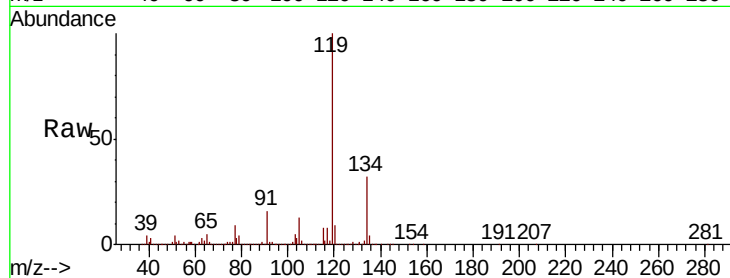
MW-2

Tot Ion:117 Resp: 79587

Ion Ratio Lower Upper

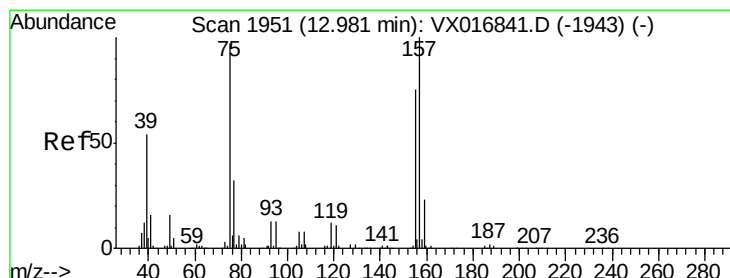
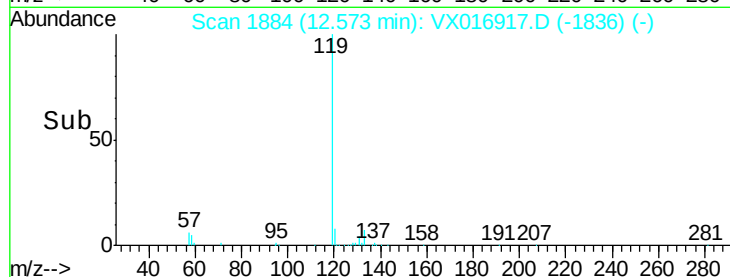
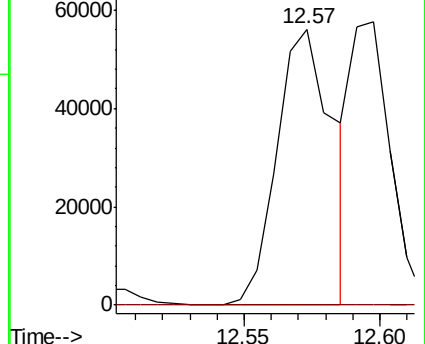
117 100

201 0.0 44.9 134.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.874 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

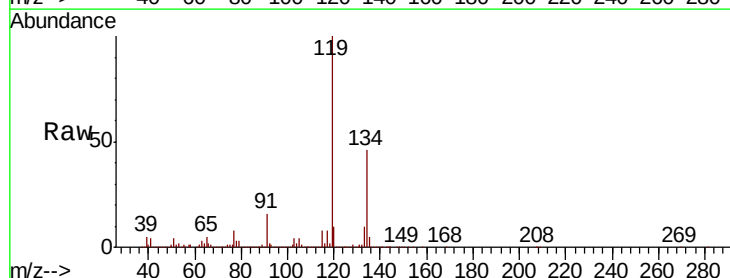
Tgt Ion: 75 Resp: 7813

Ion Ratio Lower Upper

75 100

155 0.0 46.4 139.1#

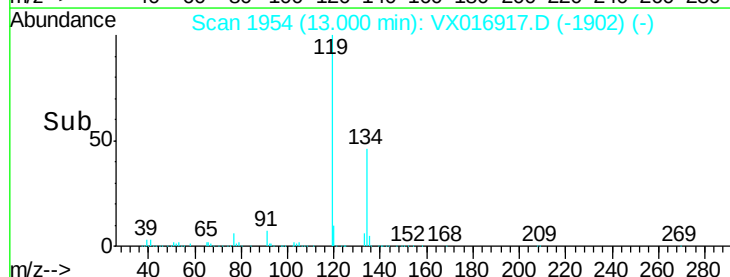
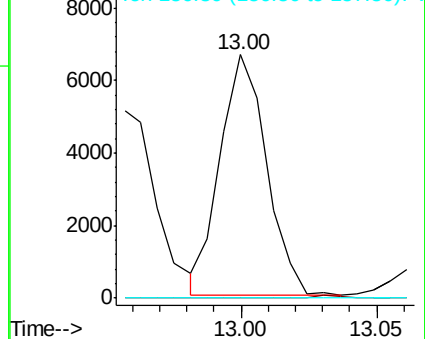
157 0.0 58.6 175.8#

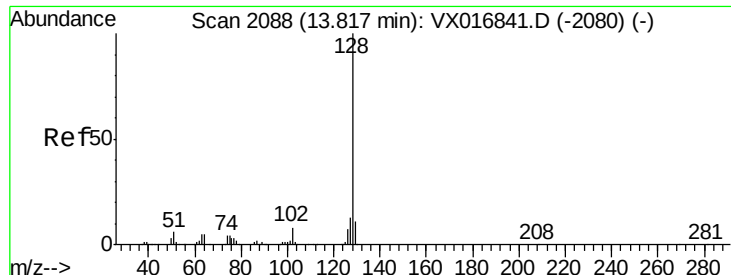


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 46.490 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016917.D

Acq: 20 Jun 2020 08:32

Instrument :

MSVOA_X

ClientSampleId :

MW-2

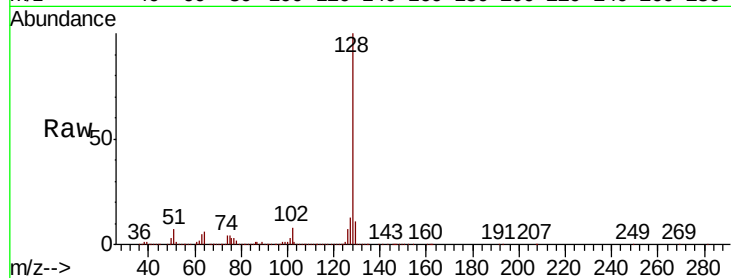
Tot Ion:128 Resp: 875872

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

1000000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

800000

600000

400000

200000

0

13.80 13.82 13.90

