

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002656.D
 Acq On : 16 Jun 2018 19:25
 Operator : JC/MD
 Sample : J3467-10DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01-061218DL

Quant Time: Jun 18 01:39:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162329	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	144691	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	
35) Dibromofluoromethane	5.51	113	112951	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	
50) Toluene-d8	8.72	98	430484	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
62) 4-Bromofluorobenzene	11.14	95	152042	43.10	ug/l	0.00
Spiked Amount			Recovery	=	86.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	691	0.254	ug/l #	85
5) Bromomethane	1.66	94	1734	1.020	ug/l	93
6) Chloroethane	1.90	64	601	0.324	ug/l #	65
10) Methyl Iodide	2.53	142	2344	5.790	ug/l #	94
11) Tert butyl alcohol	3.07	59	393	0.582	ug/l #	75
13) Acrolein	2.26	56	433	8.193	ug/l #	1
16) Acetone	2.45	43	4346	3.015	ug/l	95
17) Carbon Disulfide	2.57	76	1945	0.341	ug/l #	81
20) Methylene Chloride	2.86	84	679	0.230	ug/l #	77
25) 2-Butanone	4.73	43	790	0.417	ug/l	92
31) Cyclohexane	5.57	56	1327	0.344	ug/l	91
36) 1,1-Dichloropropene	5.67	75	15080	4.621	ug/l #	51
38) Carbon Tetrachloride	5.67	117	20218	6.222	ug/l #	16
39) Methylcyclohexane	7.46	83	2479	0.650	ug/l	87
52) Toluene	8.79	92	22722	3.641	ug/l	99
53) t-1,3-Dichloropropene	8.63	75	19	2.398	ug/l #	43
54) cis-1,3-Dichloropropene	9.04	75	34	3.221	ug/l #	73
60) Dibromochloromethane	9.34	129	212	3.830	ug/l #	11
67) Ethyl Benzene	10.26	91	216132	18.391	ug/l	99
68) m/p-Xylenes	10.37	106	180595	39.838	ug/l	100
69) o-Xylene	10.70	106	81414	18.279	ug/l	100
70) Styrene	10.70	104	4801	0.655	ug/l #	1
73) Isopropylbenzene	11.02	105	26416	2.433	ug/l	100
76) 1,2,3-Trichloropropane	11.14	75	81926	26.746	ug/l #	33
78) n-propylbenzene	11.37	91	34124	2.741	ug/l	100
79) 2-Chlorotoluene	11.46	91	18494	2.488	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	145325	15.839	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	81926	82.604	ug/l #	7
82) 4-Chlorotoluene	11.51	91	17241	1.966	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.81	105	349589	37.340	ug/l	98
85) sec-Butylbenzene	11.81	105	349589	31.808	ug/l #	56
86) p-Isopropyltoluene	12.07	119	5645	0.568	ug/l	91
89) n-Butylbenzene	12.38	91	15701	1.790	ug/l #	1
90) Hexachloroethane	12.59	117	3553	4.797	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

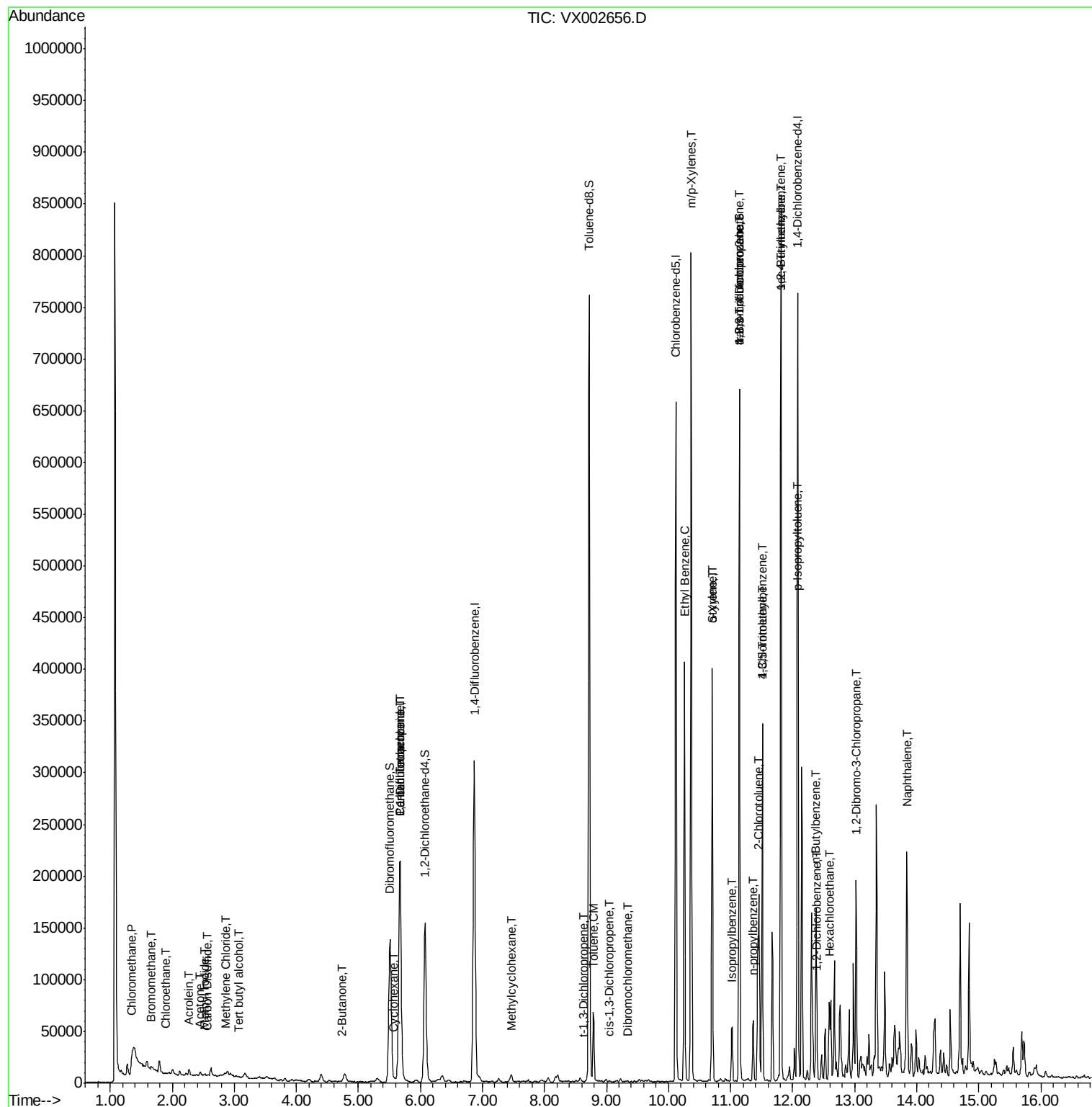
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.40	146	2278	0.408	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	13.02	75	768	1.144	ug/l #	1
95) Naphthalene	13.84	128	130036	11.927	ug/l	98

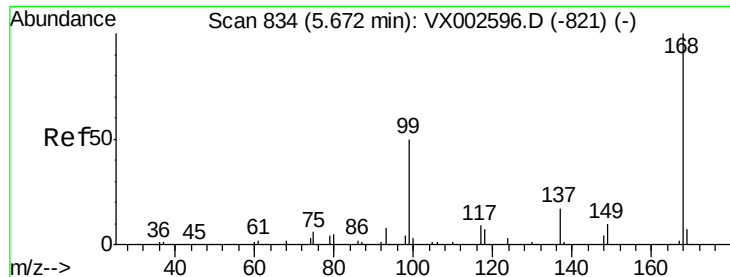
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061618\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

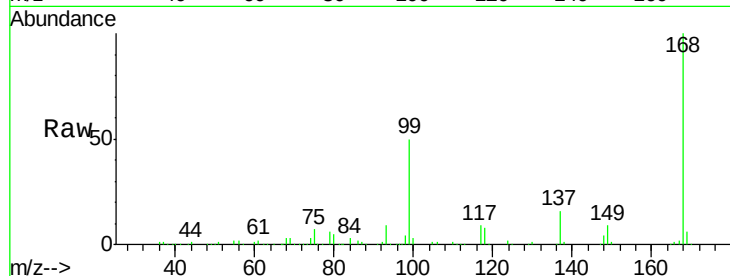
PR-MW-01-061218DL

Tot Ion:168 Resp: 215020

Ion Ratio Lower Upper

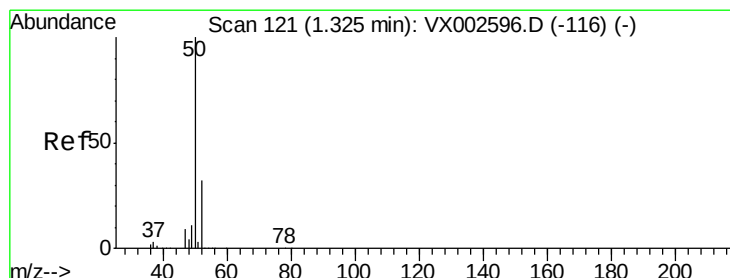
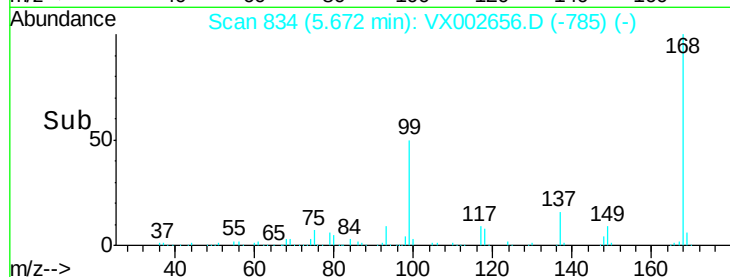
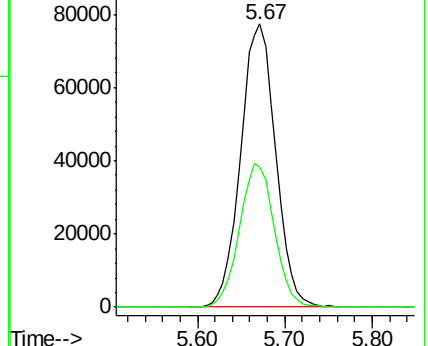
168 100

99 49.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.254 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002656.D

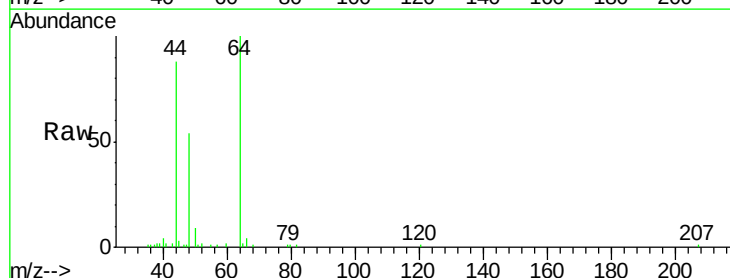
Acq: 16 Jun 2018 19:25

Tgt Ion: 50 Resp: 691

Ion Ratio Lower Upper

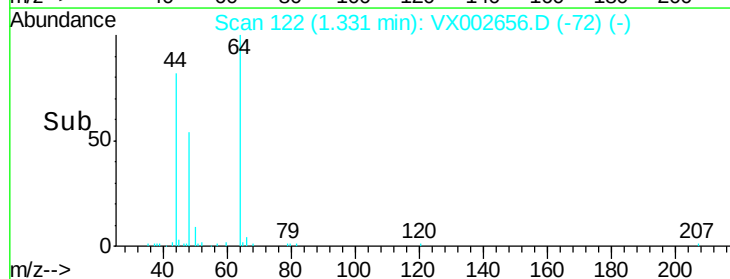
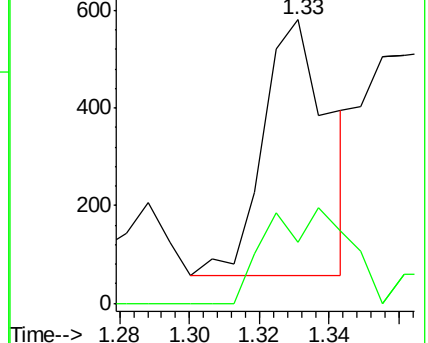
50 100

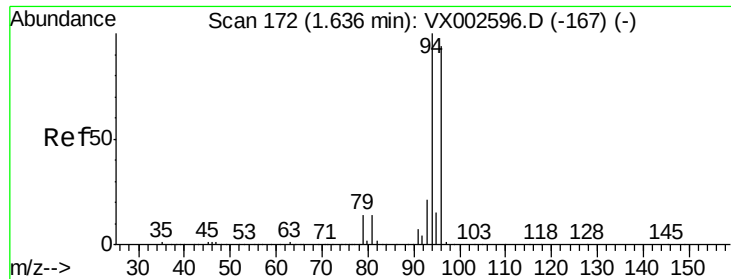
52 23.6 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 1.020 ug/l

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

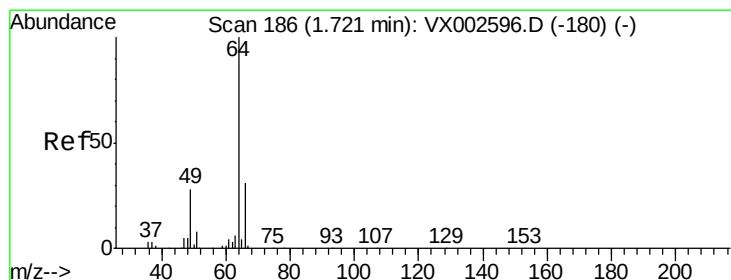
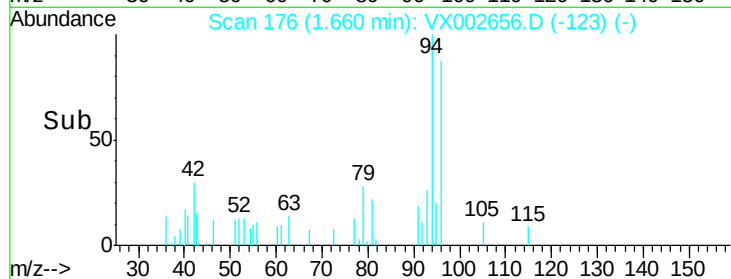
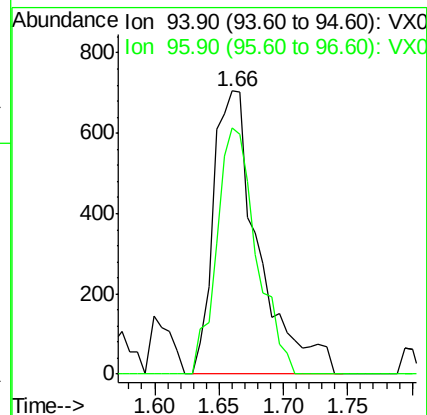
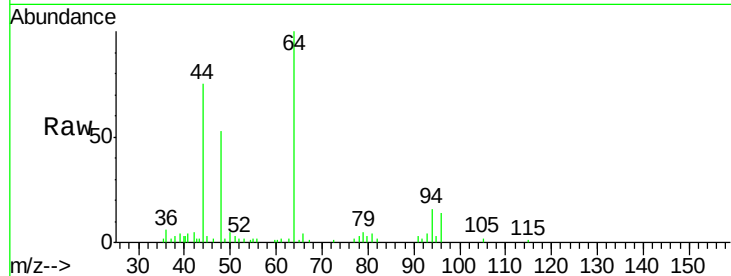
PR-MW-01-061218DL

Tot Ion: 94 Resp: 1734

Ion Ratio Lower Upper

94 100

96 86.8 74.9 112.3



#6

Chloroethane

Concen: 0.324 ug/l

RT: 1.90 min Scan# 215

Delta R.T. 0.18 min

Lab File: VX002656.D

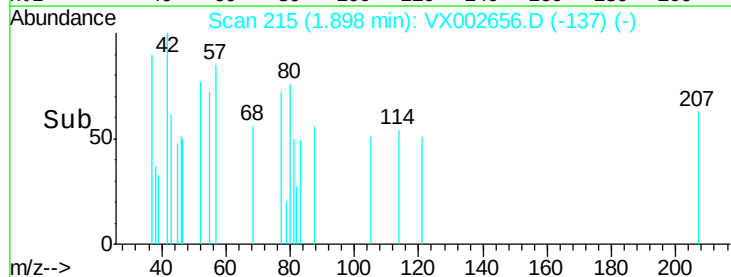
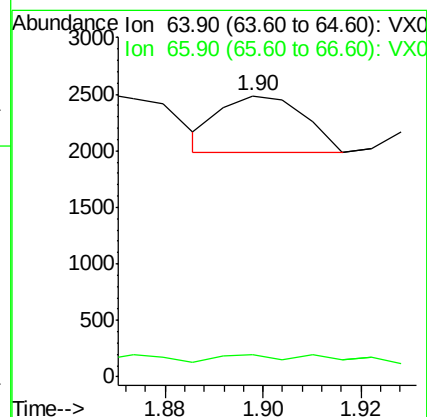
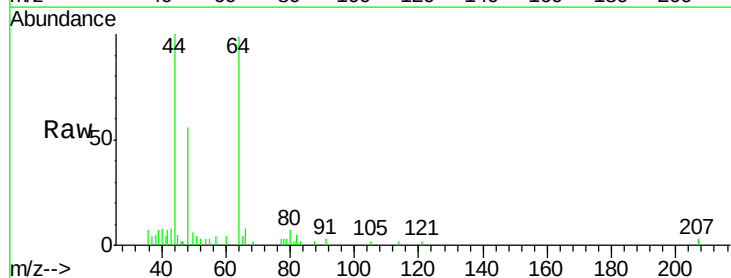
Acq: 16 Jun 2018 19:25

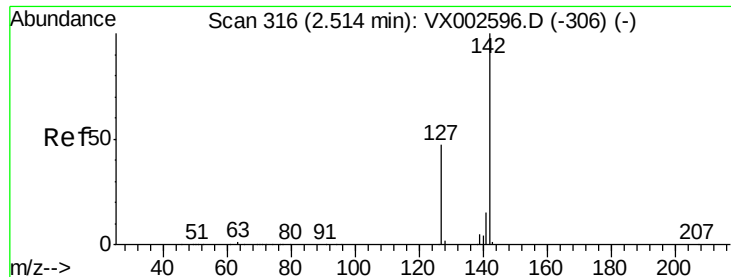
Tgt Ion: 64 Resp: 601

Ion Ratio Lower Upper

64 100

66 12.4 25.5 38.3#

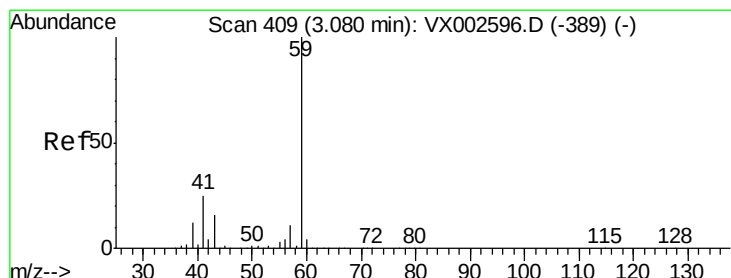
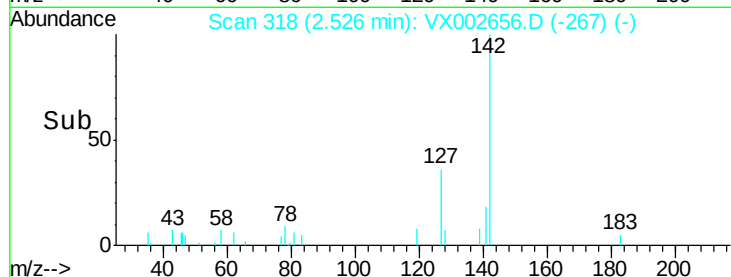
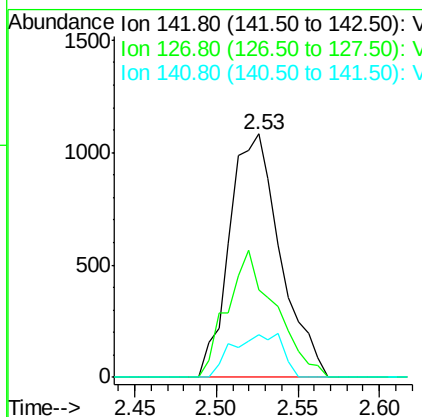
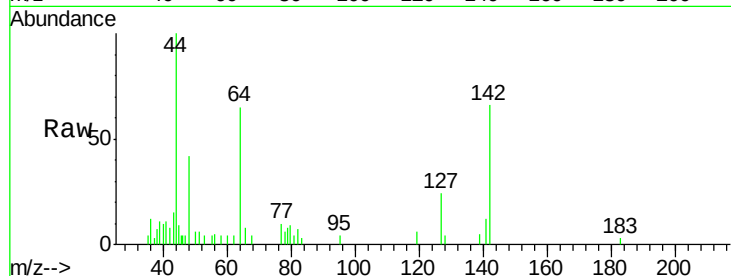




#10
Methvl Iodide
Concen: 5.790 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

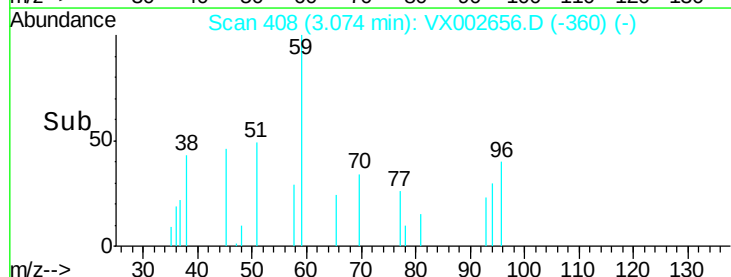
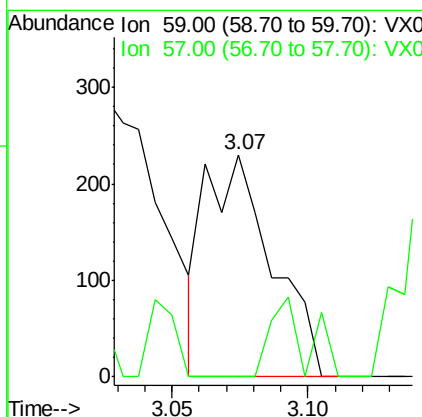
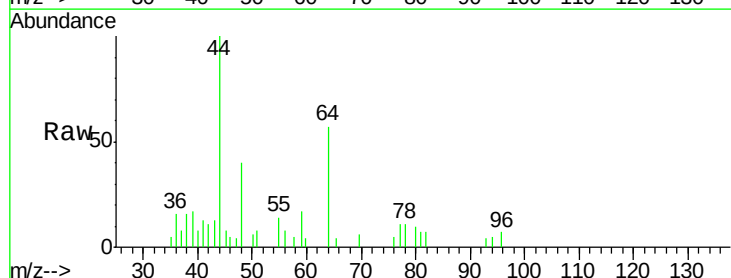
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-061218DL

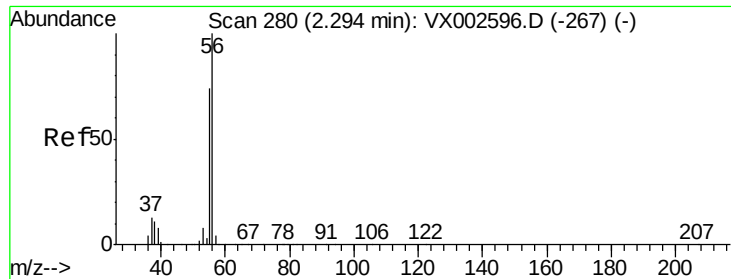
Tot Ion:142 Resp: 2344
Ion Ratio Lower Upper
142 100
127 49.4 36.6 55.0
141 17.6 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.582 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

Tgt Ion: 59 Resp: 393
Ion Ratio Lower Upper
59 100
57 19.3 8.2 12.2#





#13

Acrolein

Concen: 8.193 ug/l

RT: 2.26 min Scan# 275

Delta R.T. -0.03 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

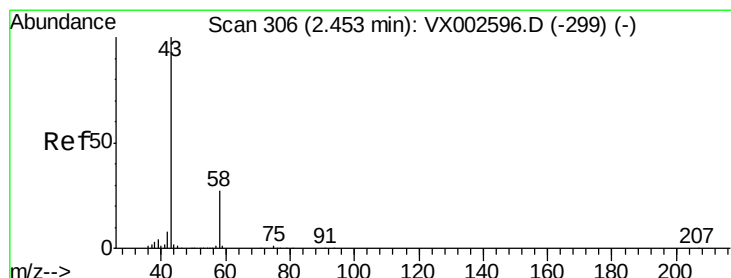
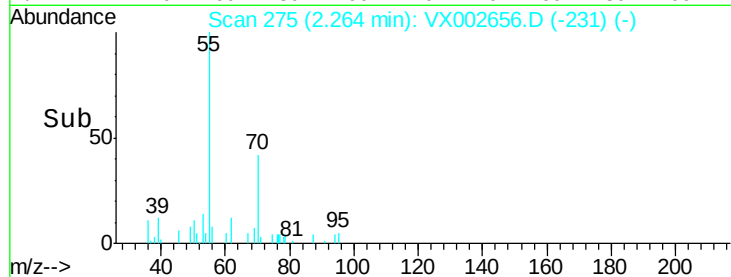
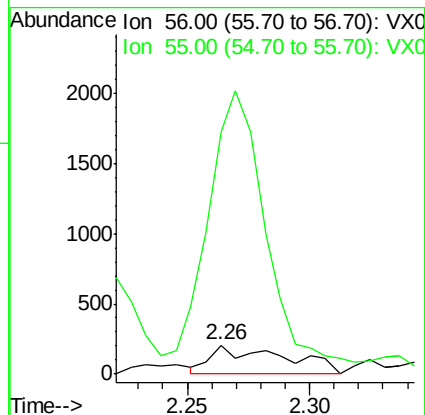
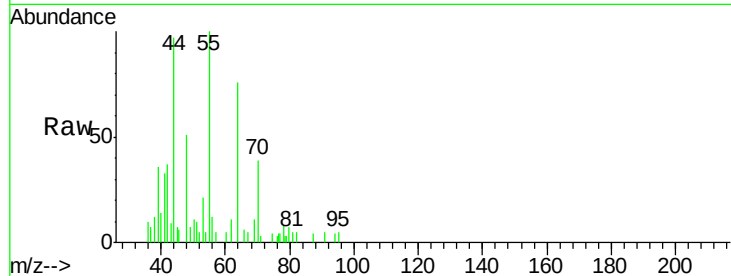
PR-MW-01-061218DL

Tot Ion: 56 Resp: 433

Ion Ratio Lower Upper

56 100

55 721.7 57.0 85.4#



#16

Acetone

Concen: 3.015 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002656.D

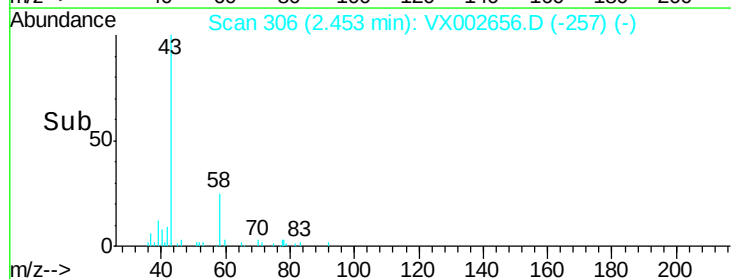
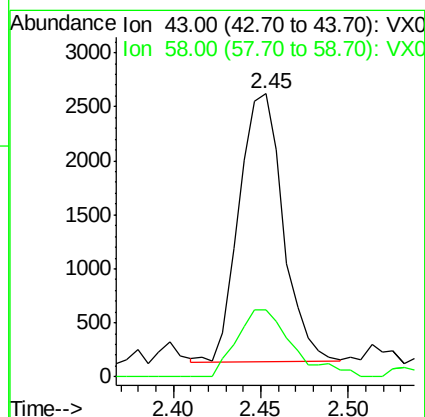
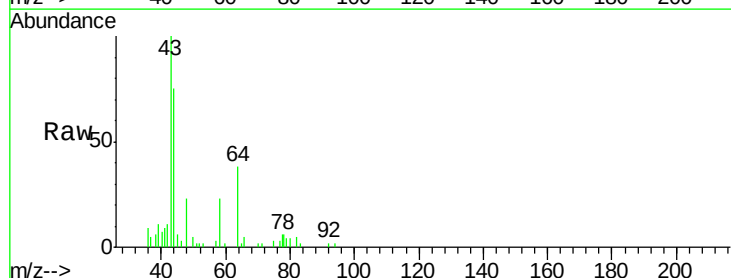
Acq: 16 Jun 2018 19:25

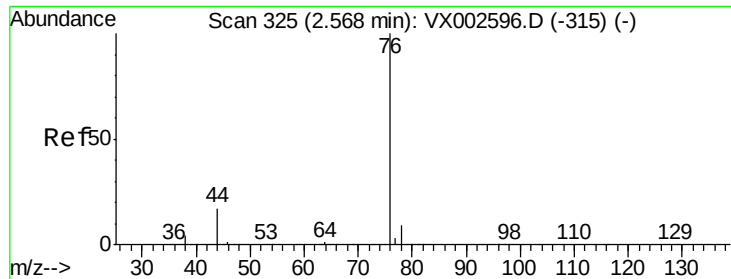
Tgt Ion: 43 Resp: 4346

Ion Ratio Lower Upper

43 100

58 25.0 22.1 33.1

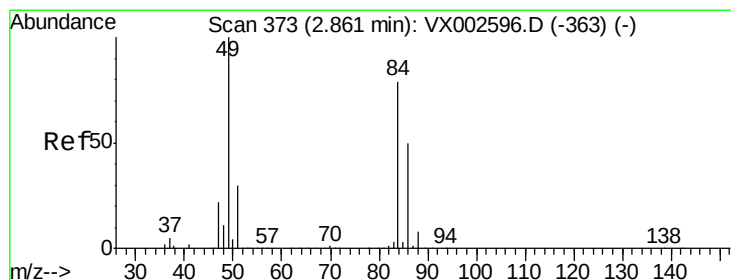
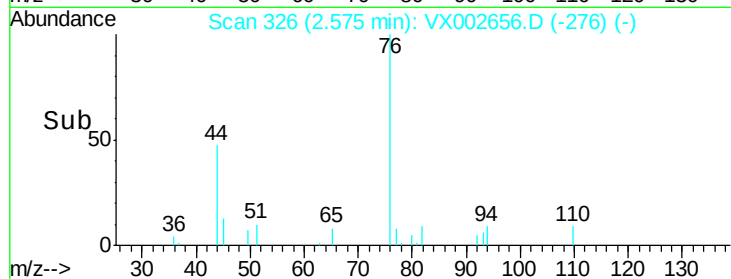
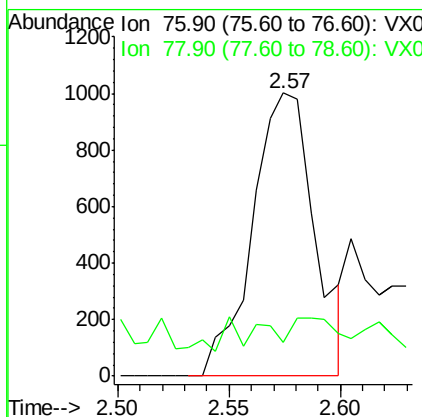
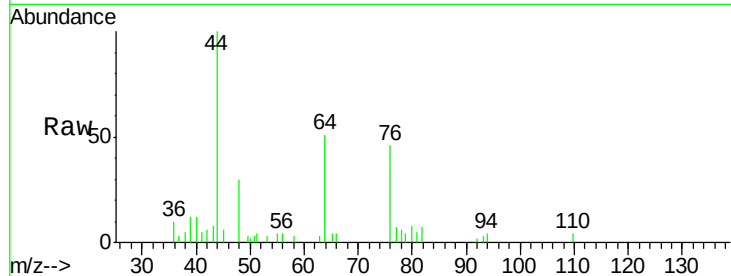




#17
Carbon Disulfide
Concen: 0.341 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

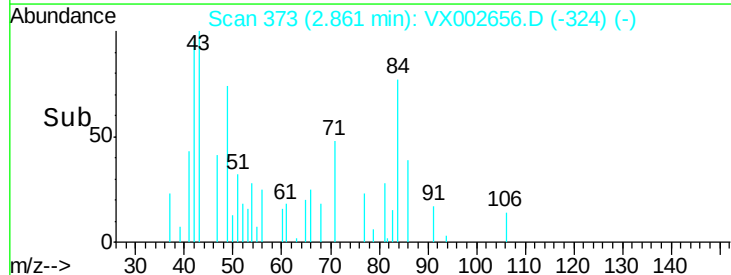
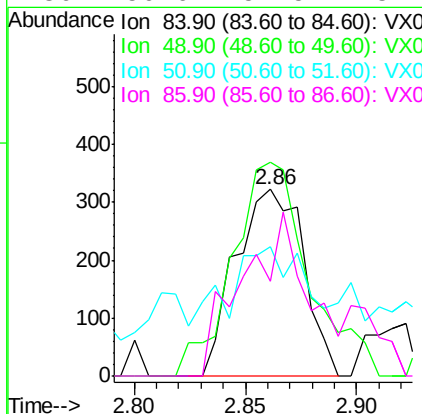
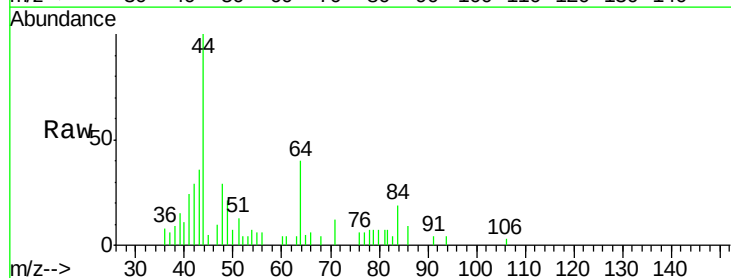
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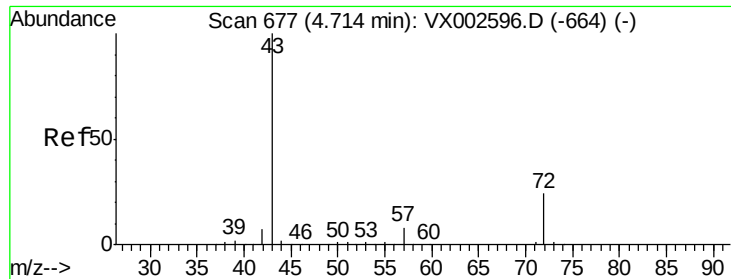
Tot Ion: 76 Resp: 1945
Ion Ratio Lower Upper
76 100
78 1.9 6.9 10.3#



#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

Tgt Ion: 84 Resp: 679
Ion Ratio Lower Upper
84 100
49 96.6 107.8 161.6#
51 42.2 32.8 49.2
86 50.6 52.5 78.7#





#25

2-Butanone

Concen: 0.417 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

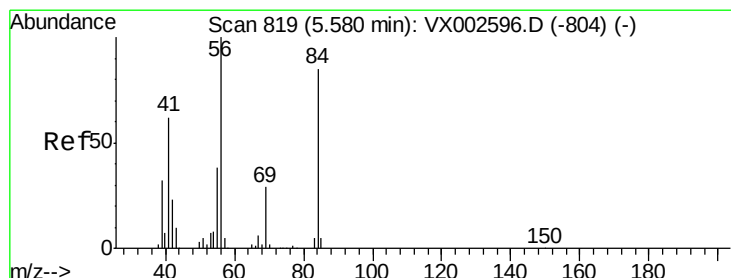
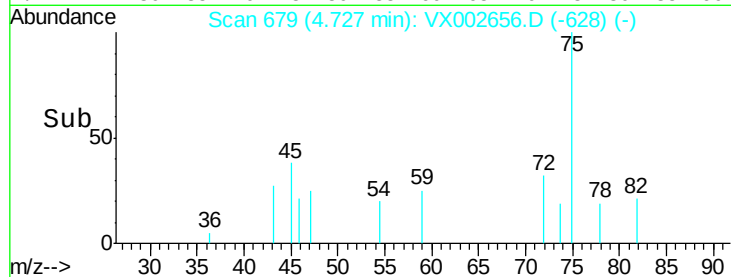
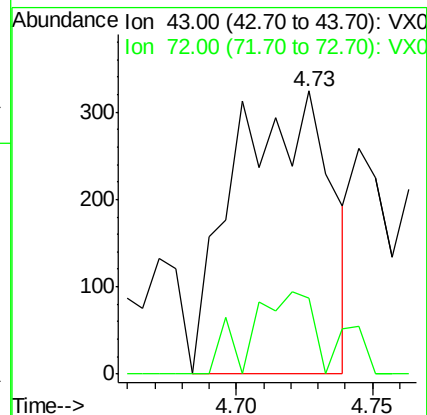
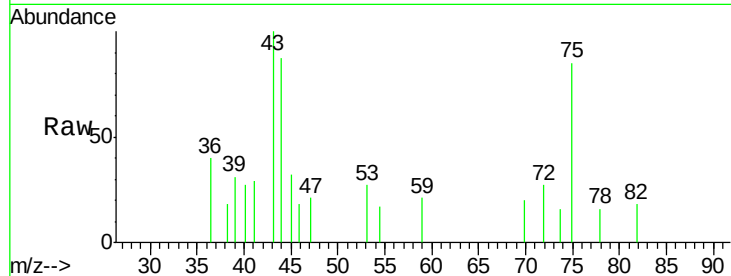
PR-MW-01-061218DL

Tot Ion: 43 Resp: 790

Ion Ratio Lower Upper

43 100

72 26.9 18.5 27.7



#31

Cyclohexane

Concen: 0.344 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

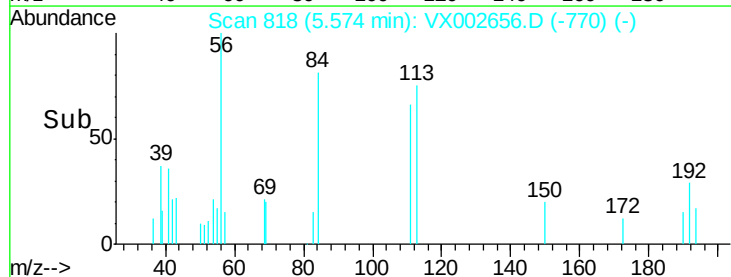
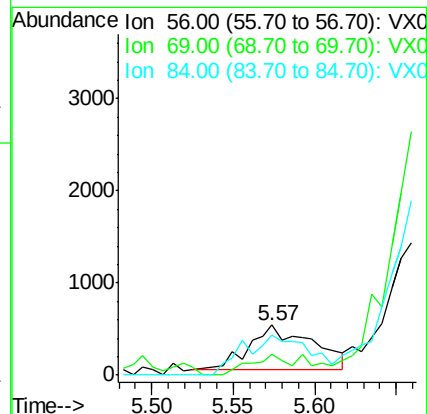
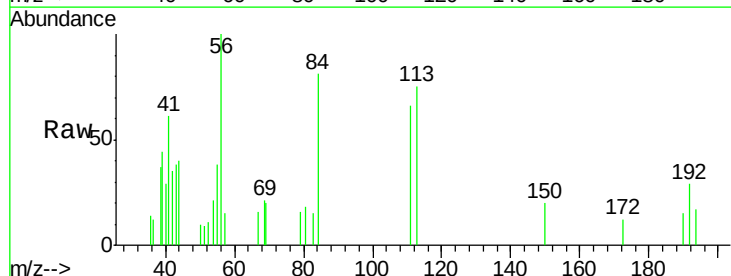
Tgt Ion: 56 Resp: 1327

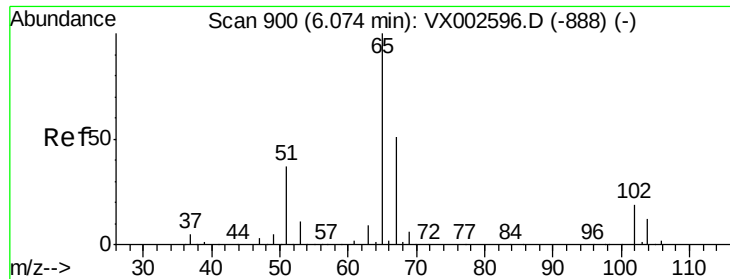
Ion Ratio Lower Upper

56 100

69 28.2 23.7 35.5

84 89.8 64.1 96.1

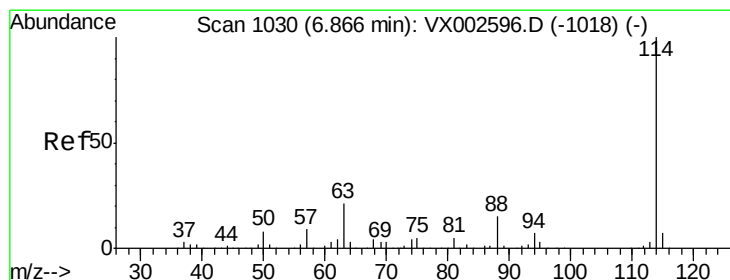
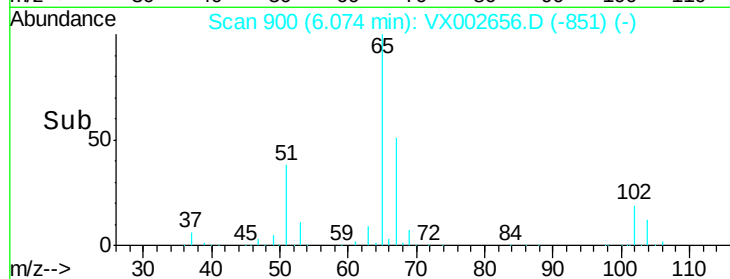
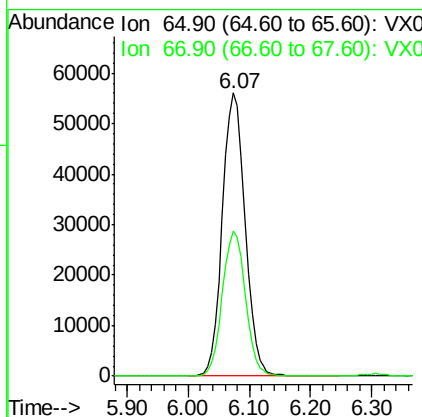
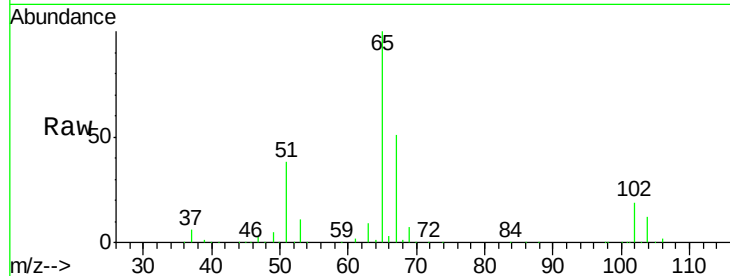




#33
 1,2-Dichloroethane-d4
 Concen: 44.282 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002656.D
 Acq: 16 Jun 2018 19:25

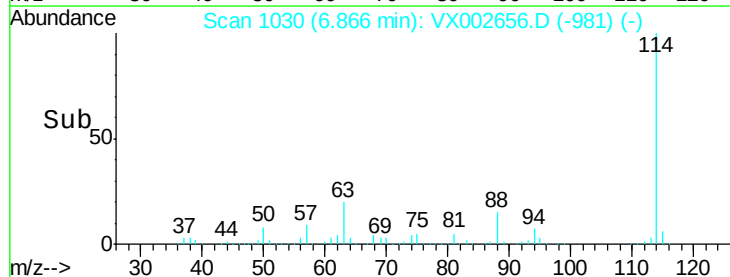
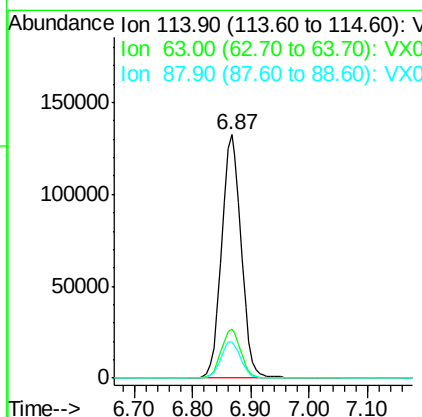
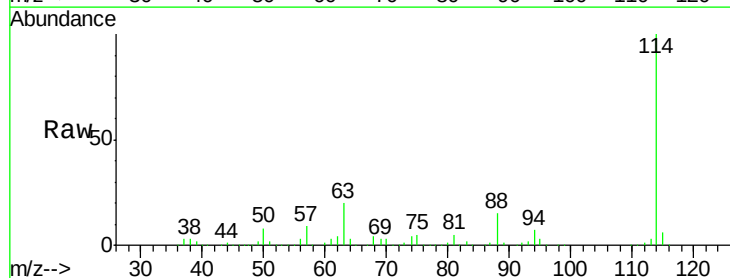
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01-061218DL

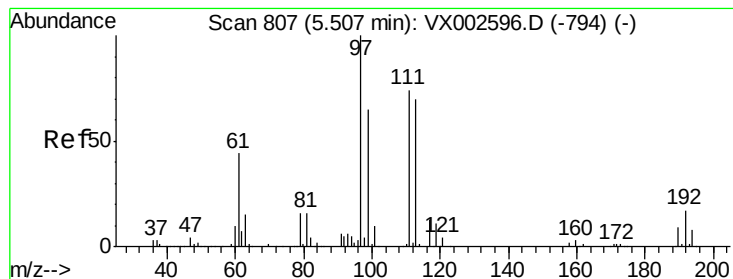
Tot Ion: 65 Resp: 144691
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002656.D
 Acq: 16 Jun 2018 19:25

Tgt Ion: 114 Resp: 307237
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.064 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01-061218DL

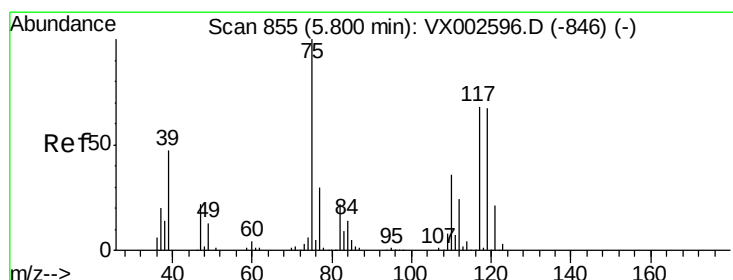
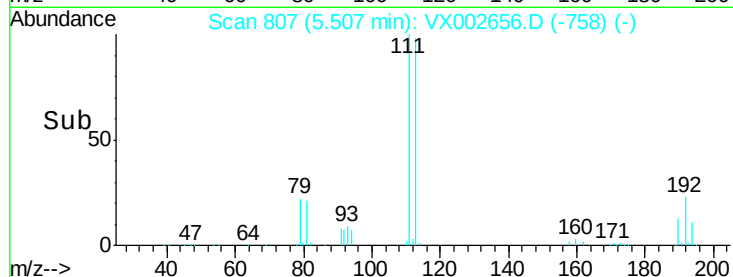
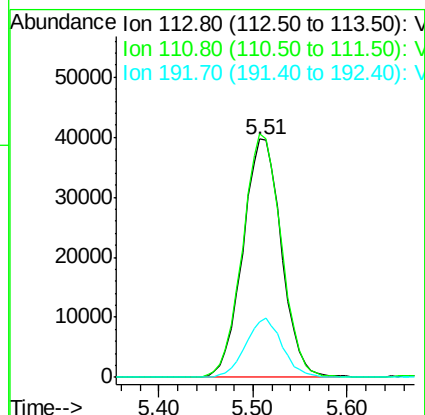
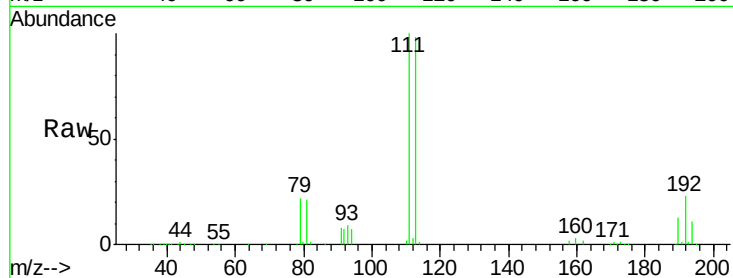
Tot Ion:113 Resp: 112951

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 23.8 19.1 28.7



#36

1,1-Dichloropropene

Concen: 4.621 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

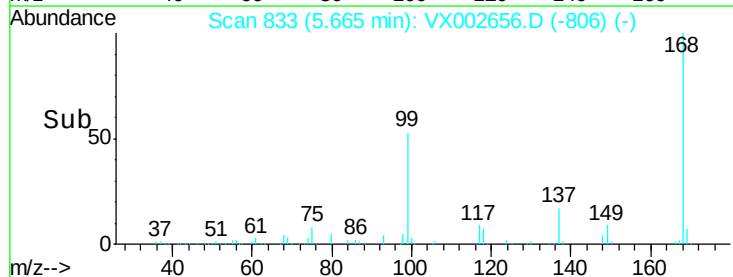
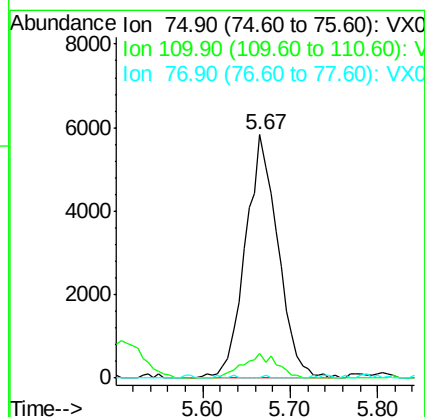
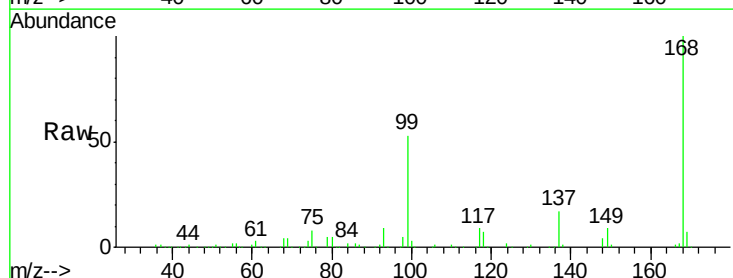
Tgt Ion: 75 Resp: 15080

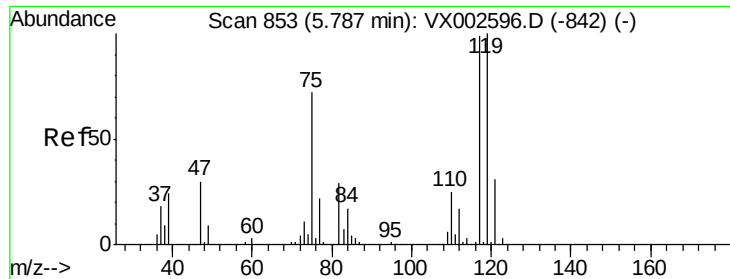
Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.4#

77 0.1 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.222 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01-061218DL

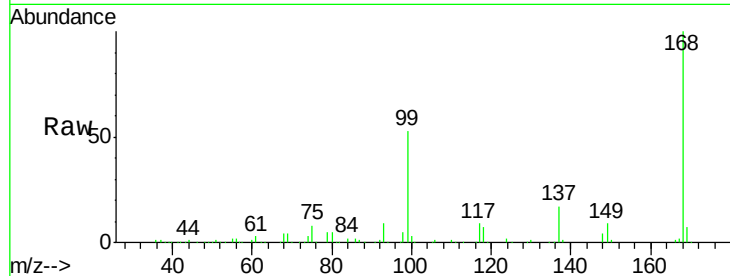
Tot Ion:117 Resp: 20218

Ion Ratio Lower Upper

117 100

119 5.2 77.4 116.0#

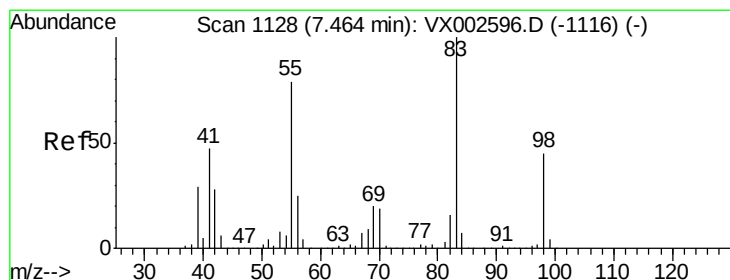
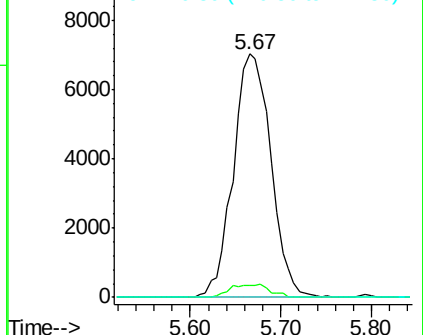
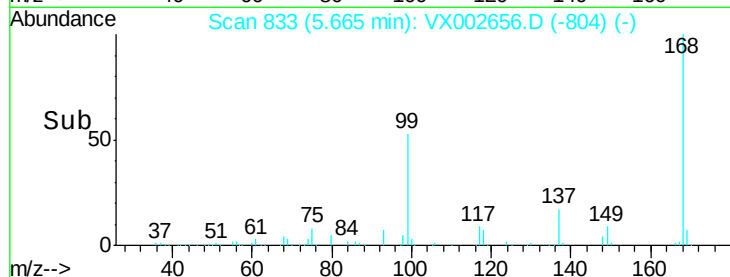
121 0.0 24.4 36.6#



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: 0.650 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

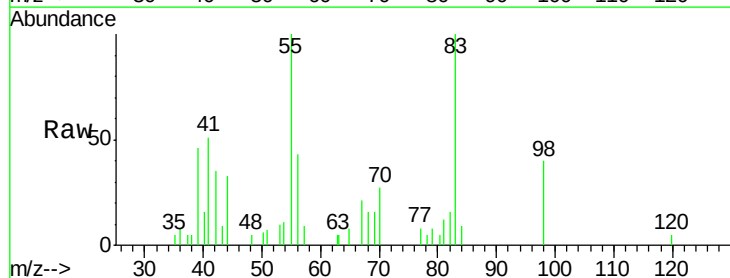
Tgt Ion: 83 Resp: 2479

Ion Ratio Lower Upper

83 100

55 95.7 65.4 98.0

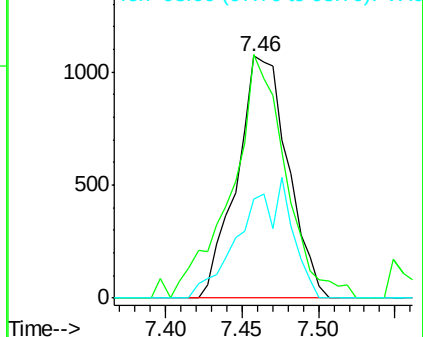
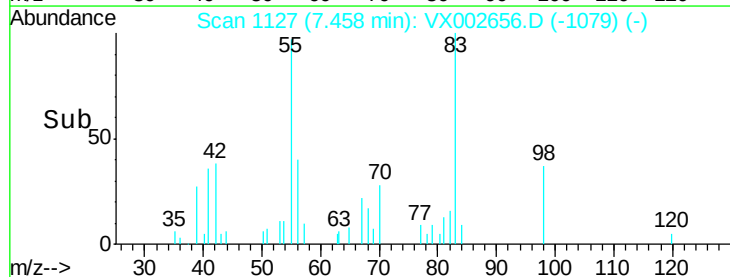
98 40.7 37.4 56.0

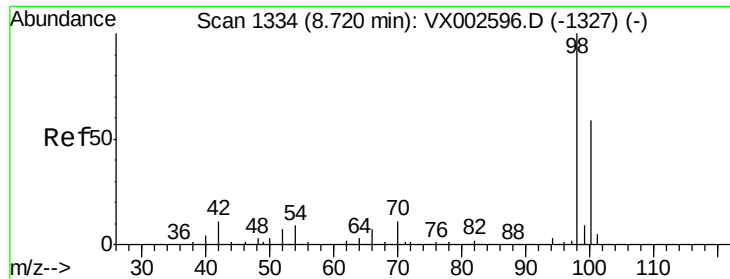


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 46.237 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

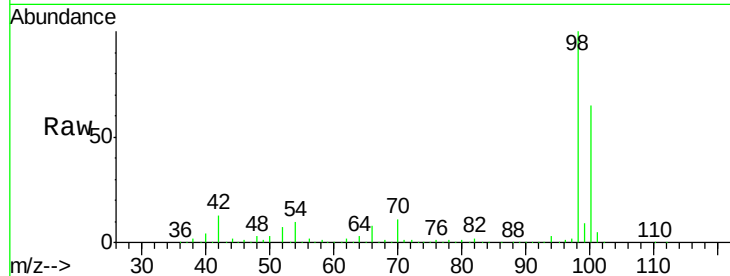
PR-MW-01-061218DL

Tot Ion: 98 Resp: 430484

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

300000

250000

200000

150000

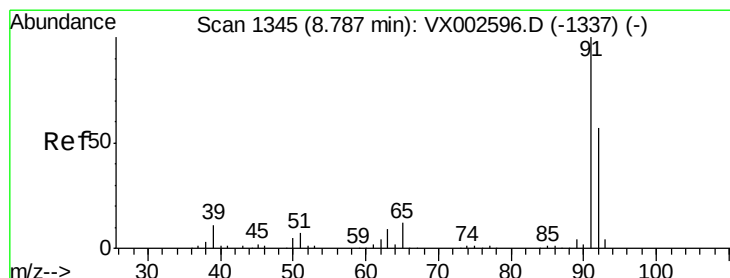
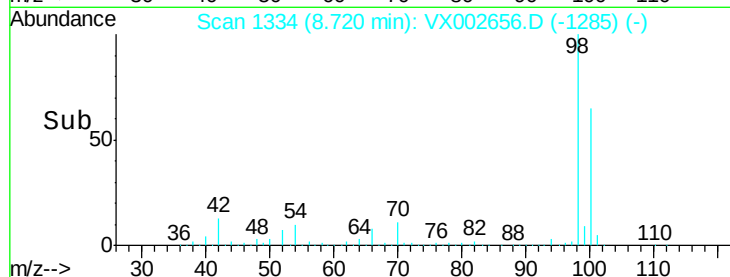
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#52

Toluene

Concen: 3.641 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002656.D

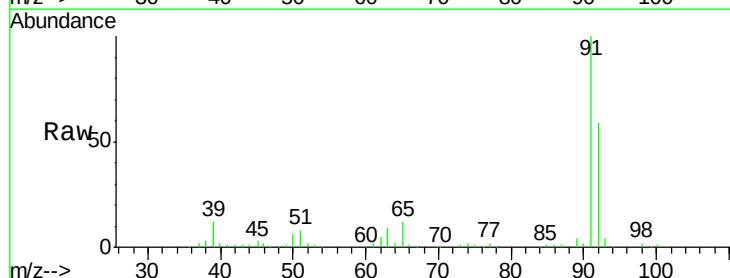
Acq: 16 Jun 2018 19:25

Tgt Ion: 92 Resp: 22722

Ion Ratio Lower Upper

92 100

91 177.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

30000

25000

20000

15000

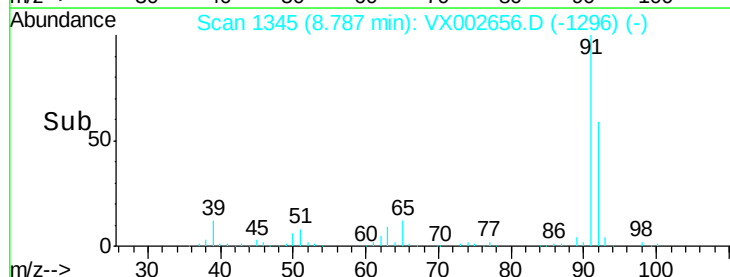
10000

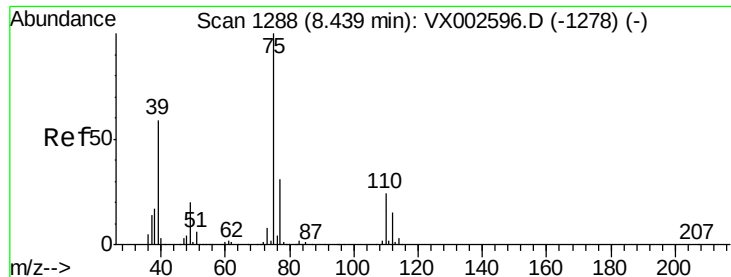
5000

0

8.70 8.75 8.80 8.85

Time-->





#53

t-1,3-Dichloropropene

Concen: 2.398 ug/l

RT: 8.63 min Scan# 1319

Delta R.T. 0.19 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

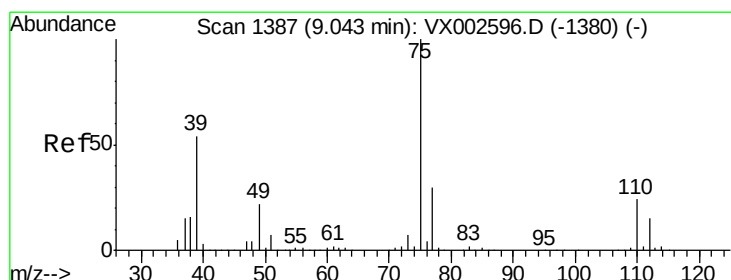
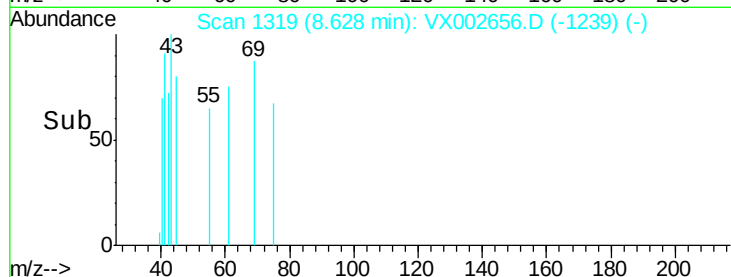
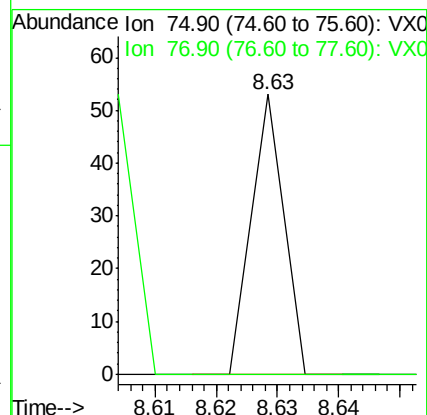
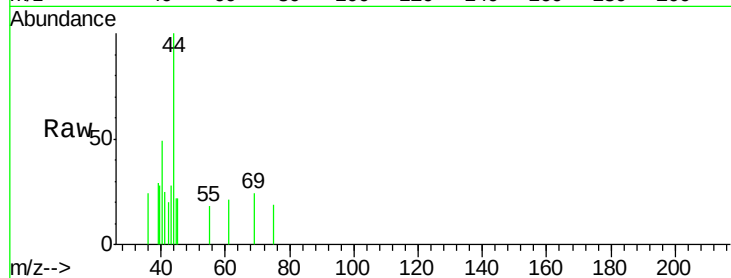
PR-MW-01-061218DL

Tot Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 3.221 ug/l

RT: 9.04 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

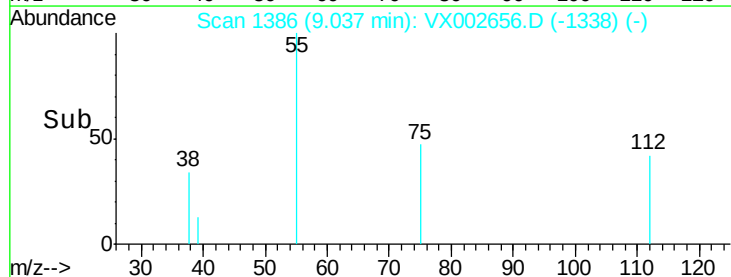
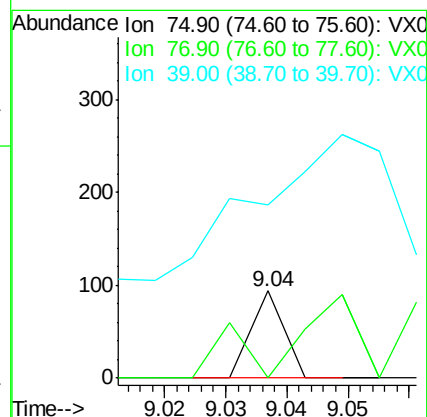
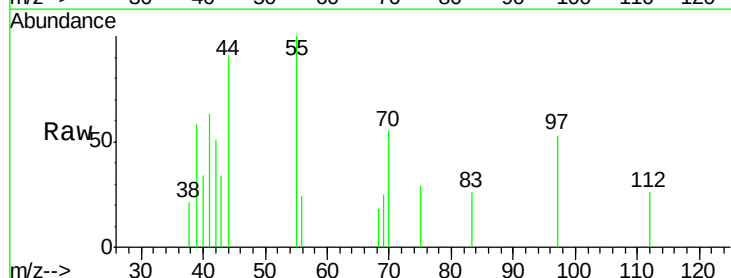
Tgt Ion: 75 Resp: 34

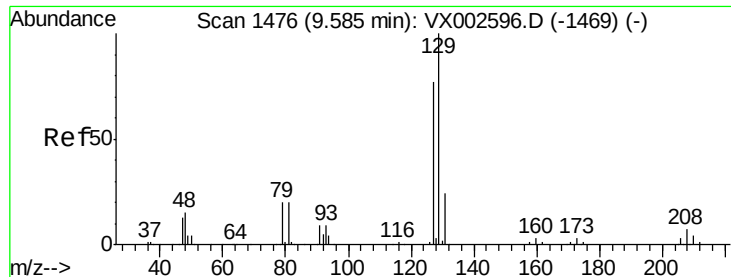
Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

39 59.6 42.4 63.6





#60

Dibromochloromethane

Concen: 3.830 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.25 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

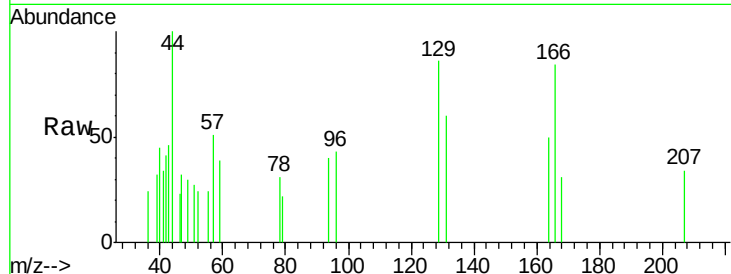
PR-MW-01-061218DL

Tot Ion:129 Resp: 212

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

200

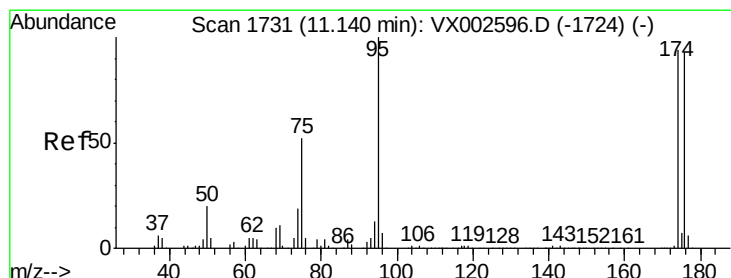
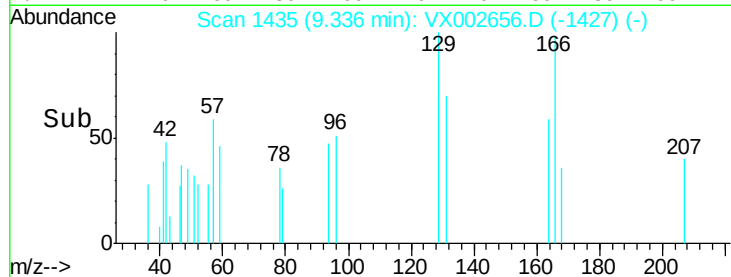
150

100

50

0

Time--> 9.30 9.32 9.34 9.36



#62

4-Bromofluorobenzene

Concen: 43.096 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

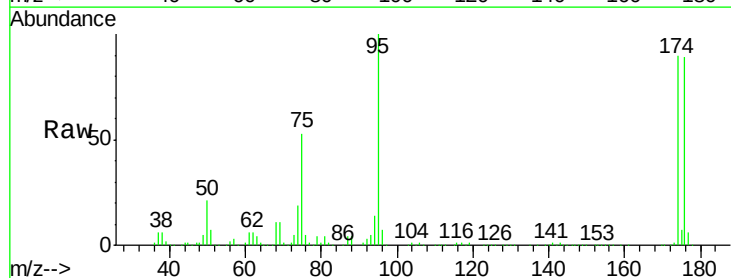
Tgt Ion: 95 Resp: 152042

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

176 94.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

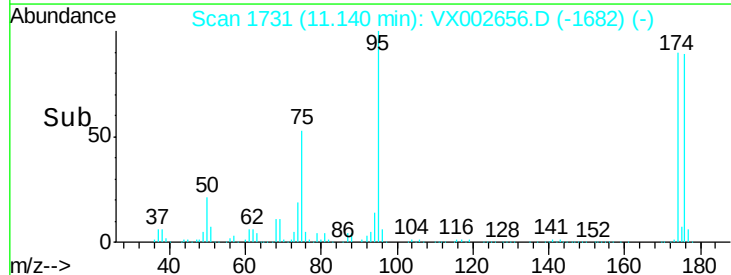
150000

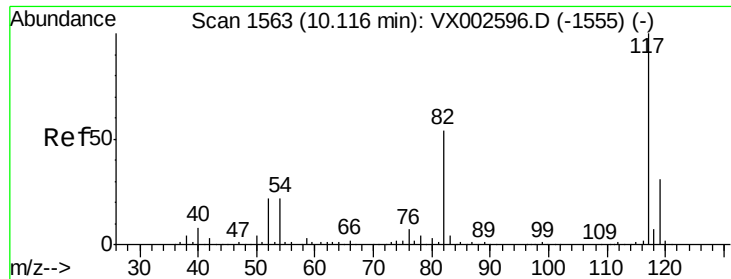
100000

50000

0

Time--> 11.10 11.15 11.20

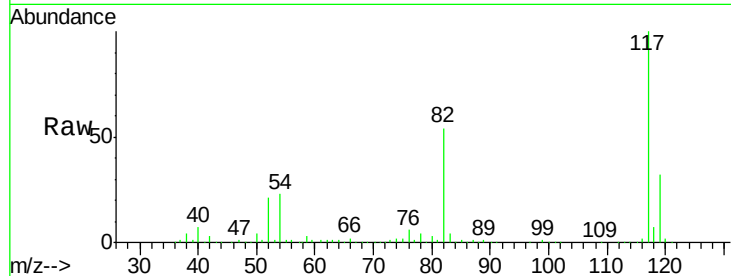




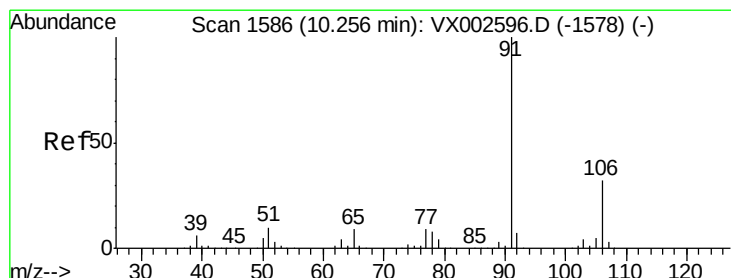
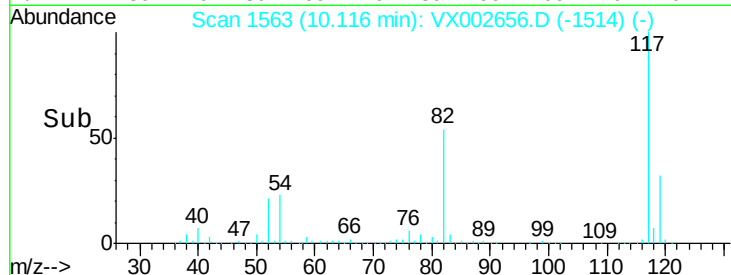
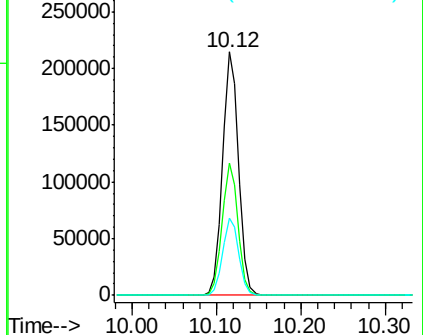
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-061218DL

Tot Ion:117 Resp: 283707
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 31.7 25.8 38.6

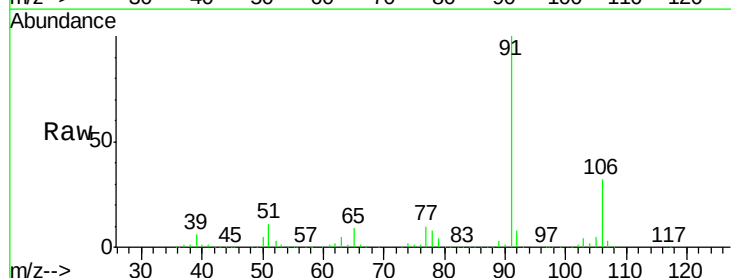


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

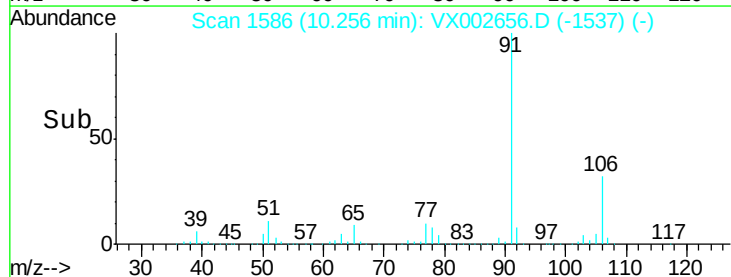
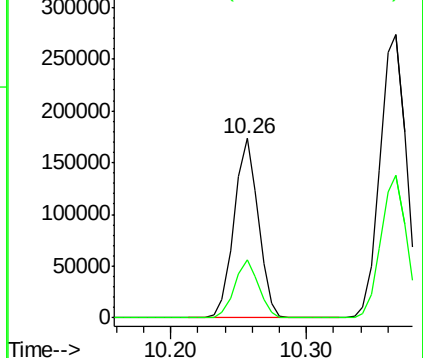


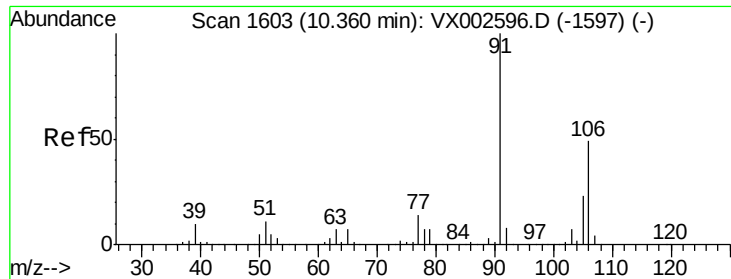
#67
Ethyl Benzene
Concen: 18.391 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

Tgt Ion: 91 Resp: 216132
Ion Ratio Lower Upper
91 100
106 32.2 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

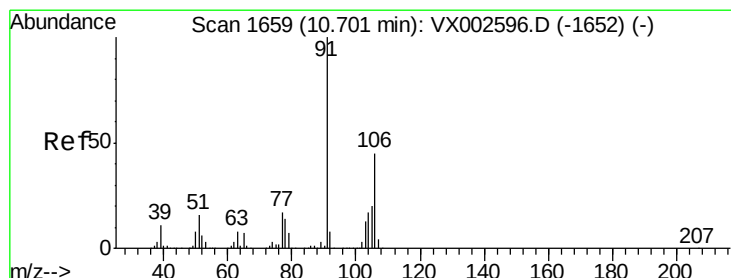
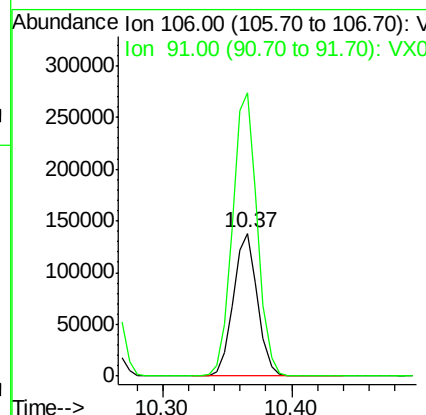
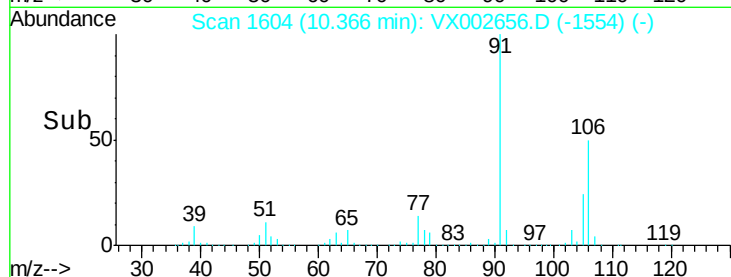
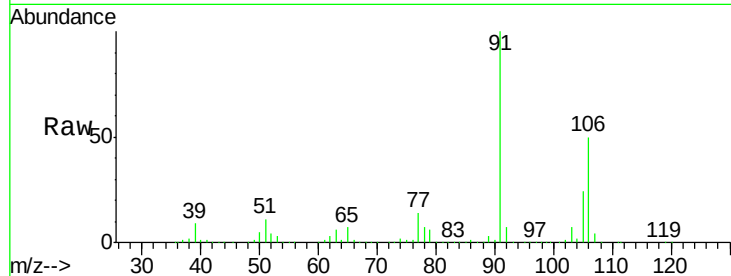




#68
m/p-Xylenes
Concen: 39.838 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

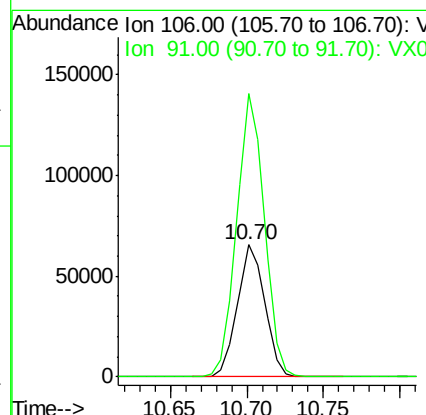
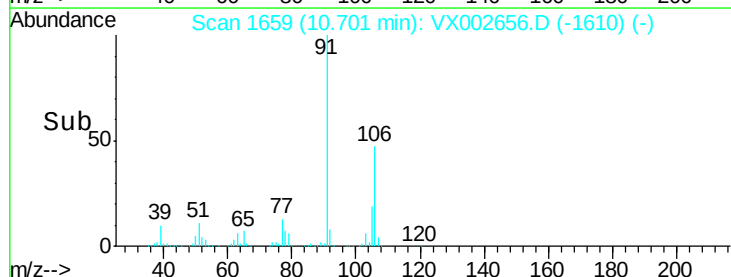
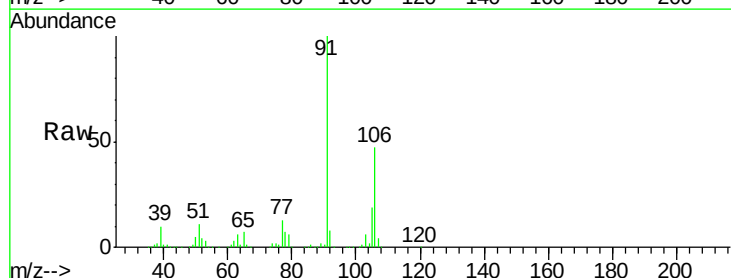
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-061218DL

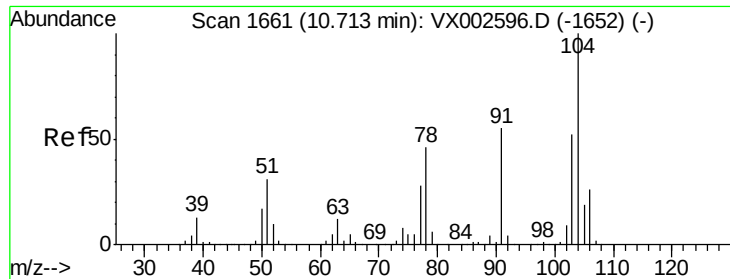
Tot Ion:106 Resp: 180595
Ion Ratio Lower Upper
106 100
91 203.6 163.4 245.2



#69
o-Xylene
Concen: 18.279 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

Tgt Ion:106 Resp: 81414
Ion Ratio Lower Upper
106 100
91 217.1 108.2 324.6

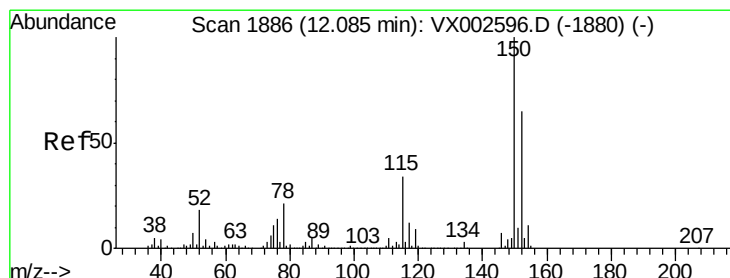
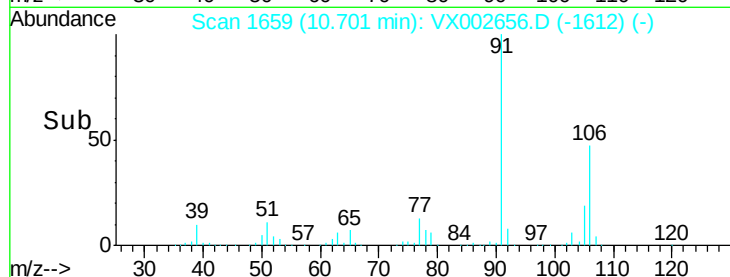
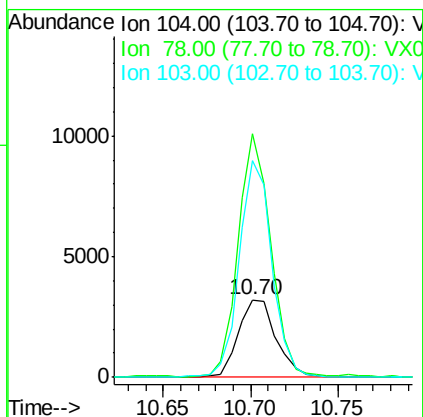
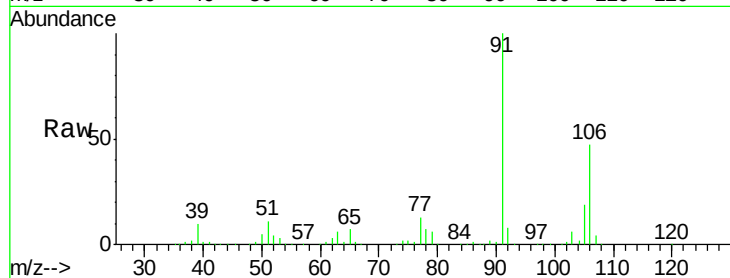




#70
Stvrene
Concen: 0.655 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

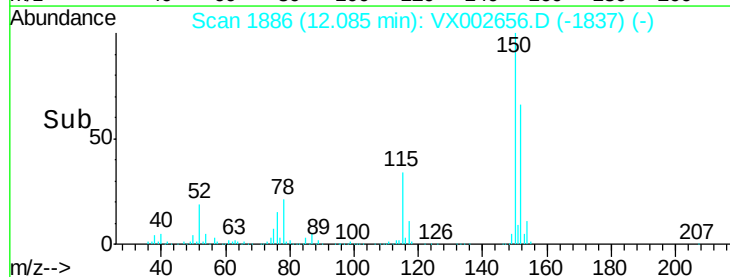
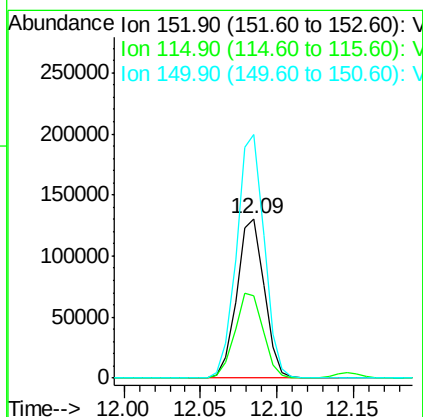
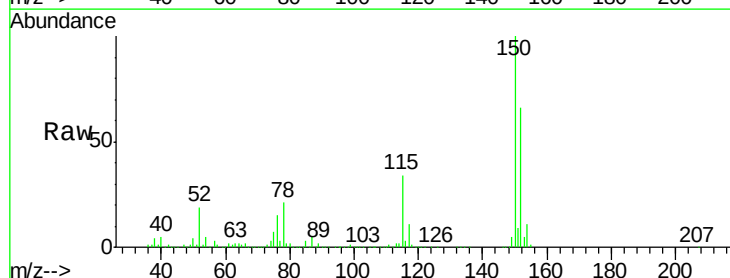
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-061218DL

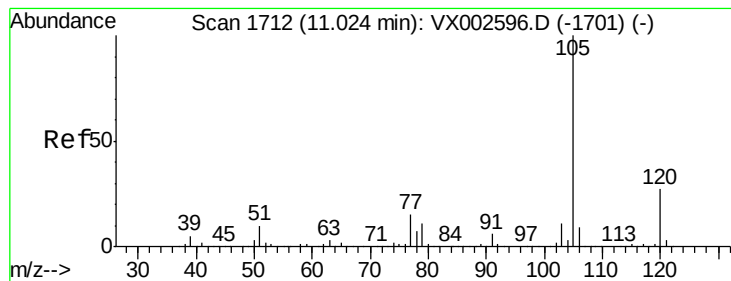
Tot Ion:104 Resp: 4801
Ion Ratio Lower Upper
104 100
78 274.0 41.0 61.6#
103 243.3 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

Tgt Ion:152 Resp: 162329
Ion Ratio Lower Upper
152 100
115 54.6 40.1 120.2
150 153.8 0.0 347.2





#73

Isopropylbenzene

Concen: 2.433 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

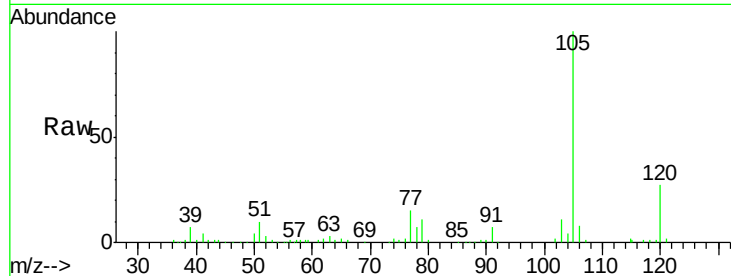
PR-MW-01-061218DL

Tot Ion:105 Resp: 26416

Ion Ratio Lower Upper

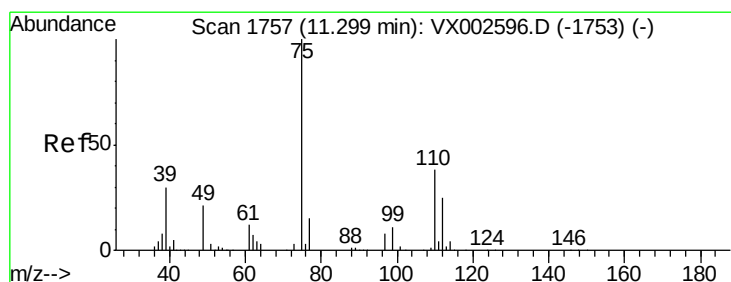
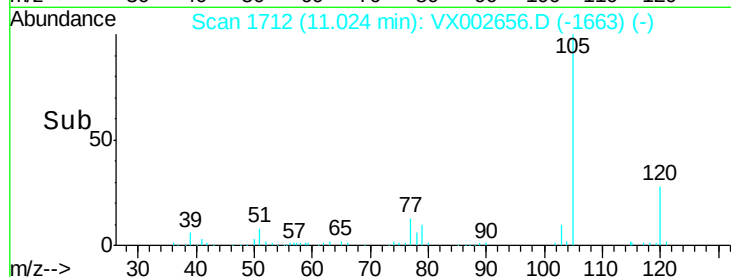
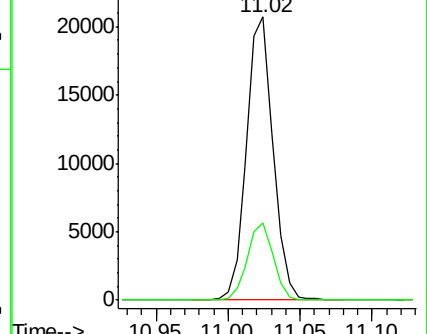
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 26.746 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002656.D

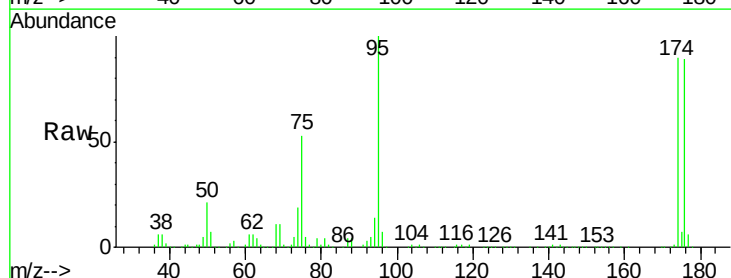
Acq: 16 Jun 2018 19:25

Tgt Ion: 75 Resp: 81926

Ion Ratio Lower Upper

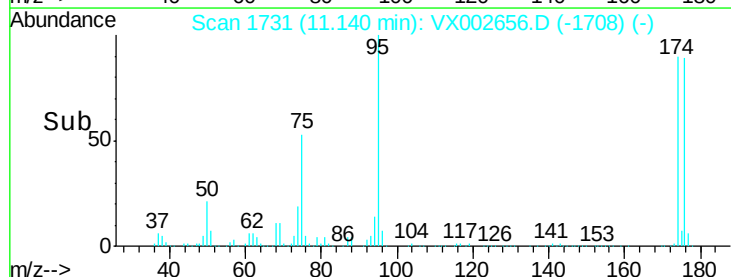
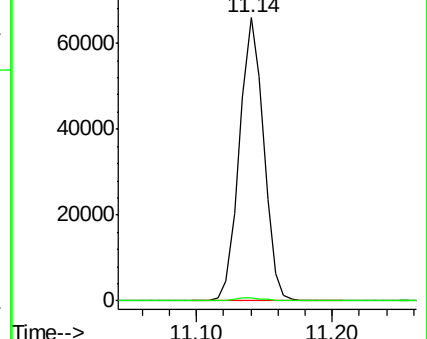
75 100

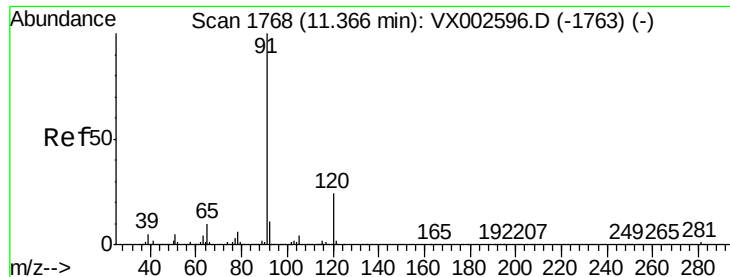
77 1.5 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 2.741 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

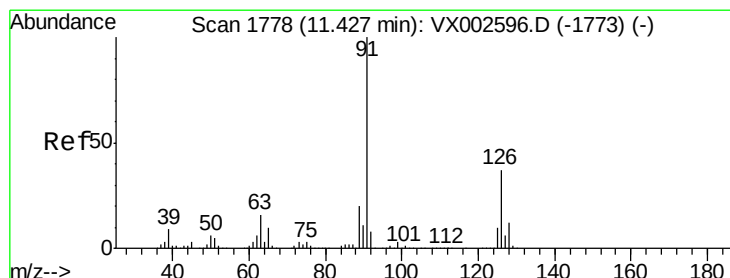
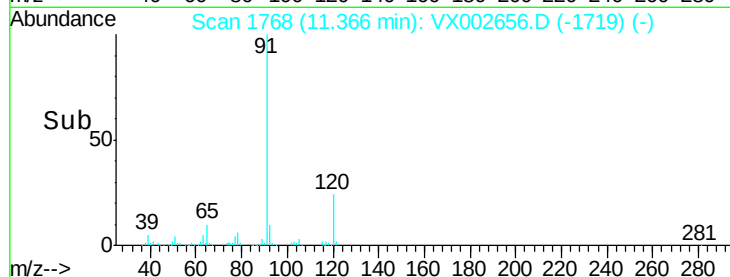
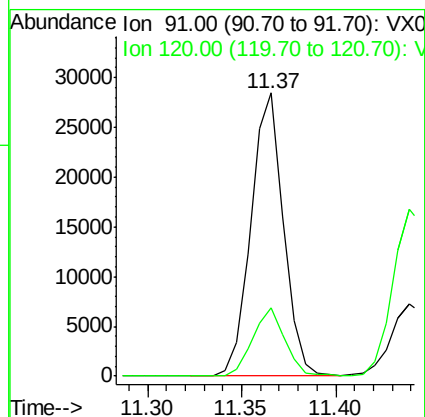
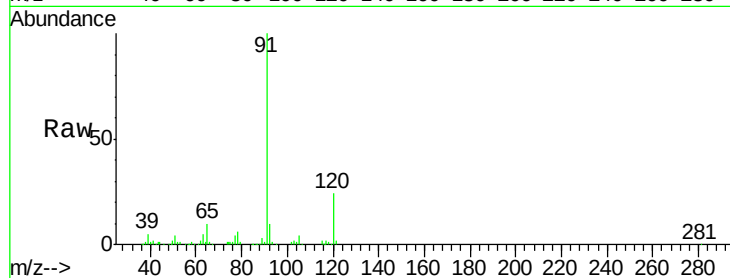
PR-MW-01-061218DL

Tot Ion: 91 Resp: 34124

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4



#79

2-Chlorotoluene

Concen: 2.488 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.03 min

Lab File: VX002656.D

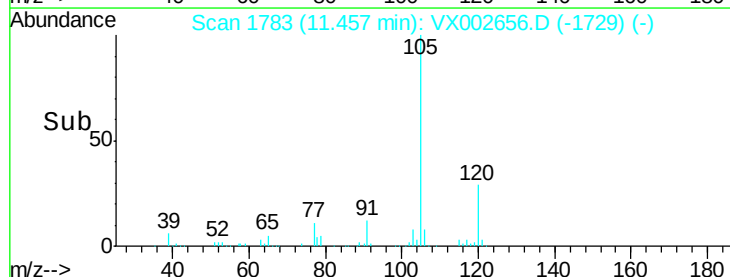
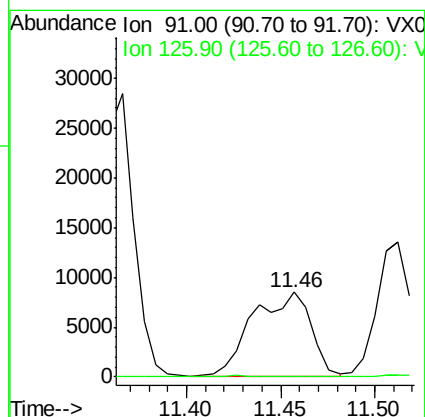
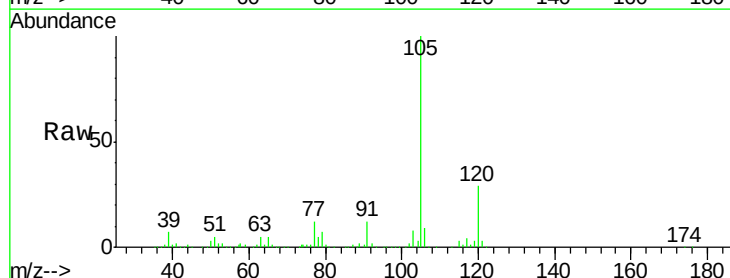
Acq: 16 Jun 2018 19:25

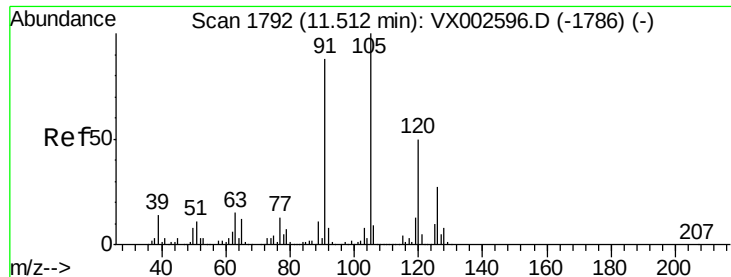
Tgt Ion: 91 Resp: 18494

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#

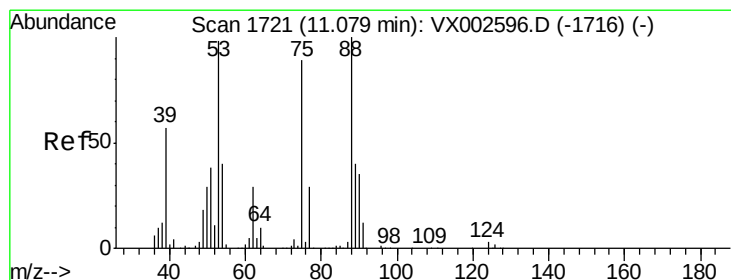
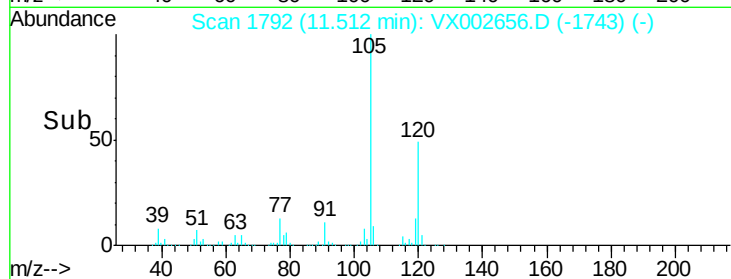
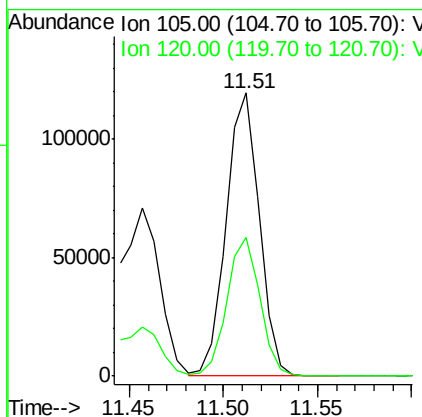
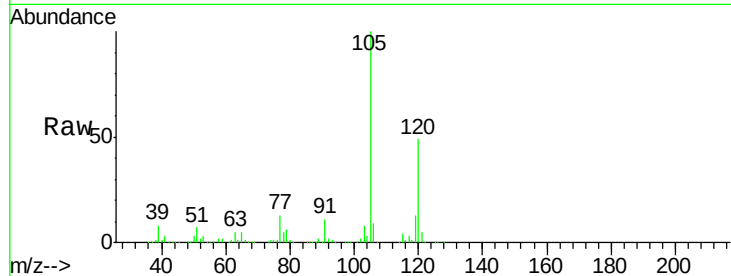




#80
 1,3,5-Trimethylbenzene
 Concen: 15.839 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002656.D
 Acq: 16 Jun 2018 19:25

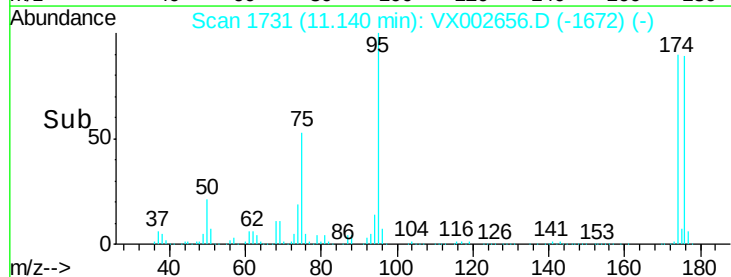
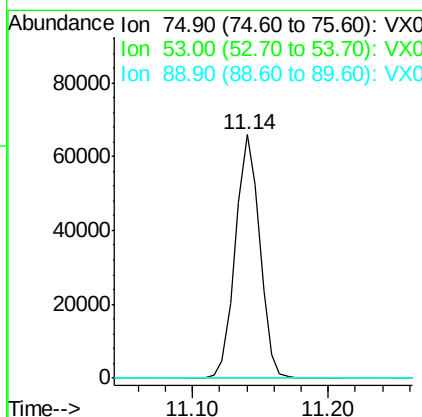
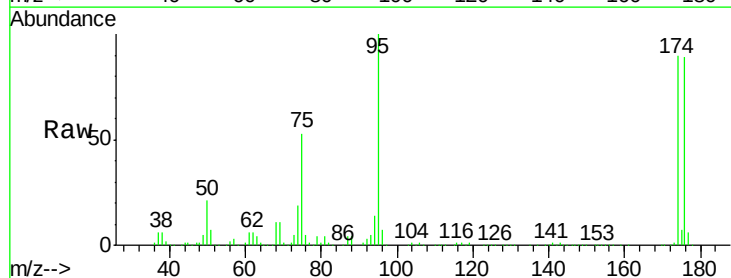
Instrument :
 MSVOA_X
 ClientSampleID :
 PR-MW-01-061218DL

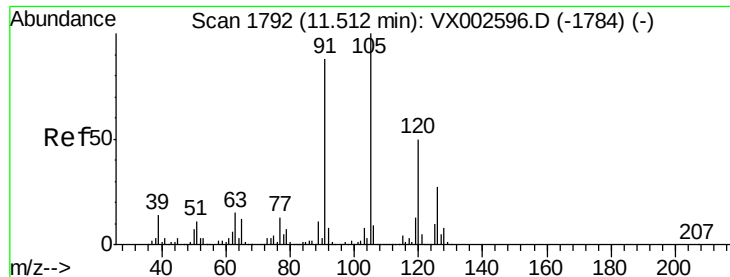
Tot Ion:105 Resp: 145325
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.604 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002656.D
 Acq: 16 Jun 2018 19:25

Tgt Ion: 75 Resp: 81926
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.8 130.2#
 89 0.2 38.2 57.2#





#82

4-Chlorotoluene

Concen: 1.966 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

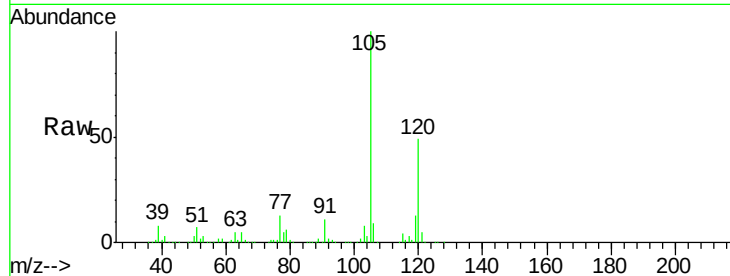
PR-MW-01-061218DL

Tot Ion: 91 Resp: 17241

Ion Ratio Lower Upper

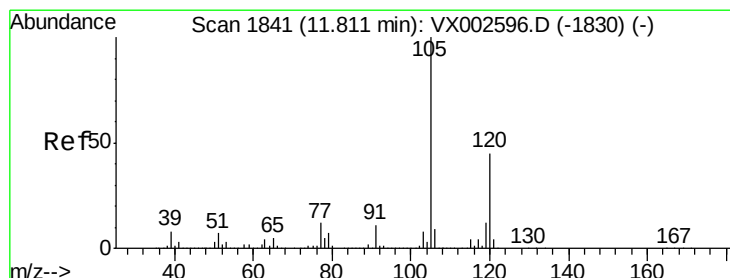
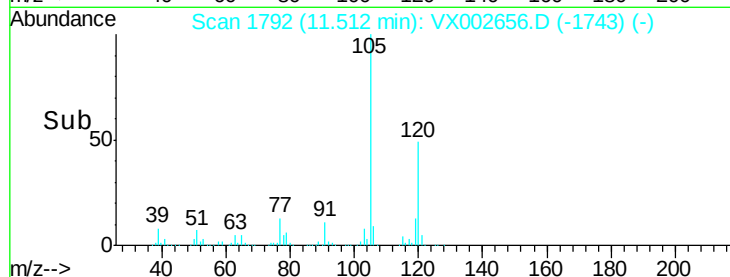
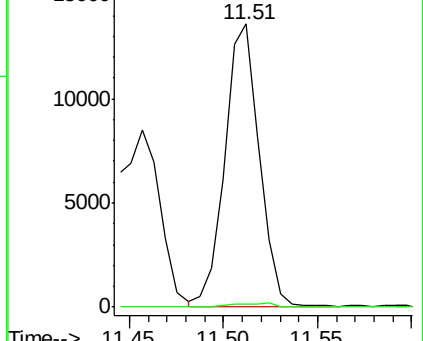
91 100

126 1.5 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#84

1,2,4-Trimethylbenzene

Concen: 37.340 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002656.D

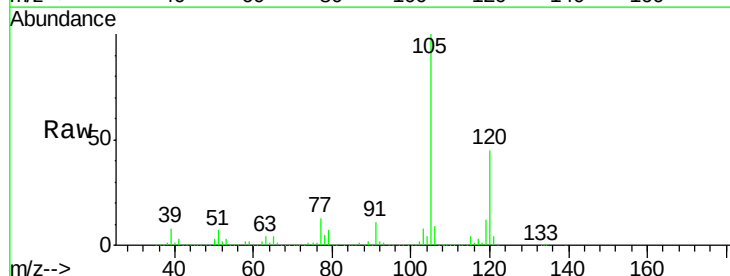
Acq: 16 Jun 2018 19:25

Tgt Ion:105 Resp: 349589

Ion Ratio Lower Upper

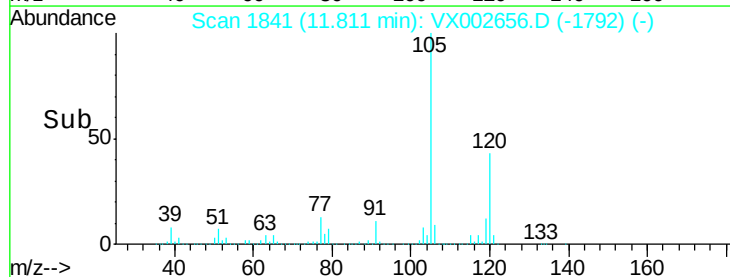
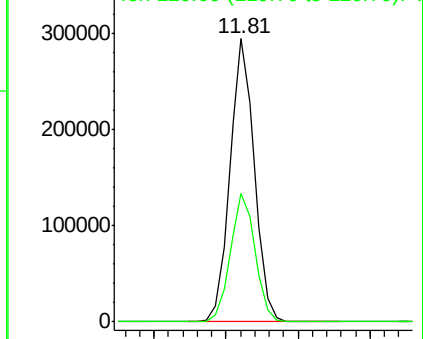
105 100

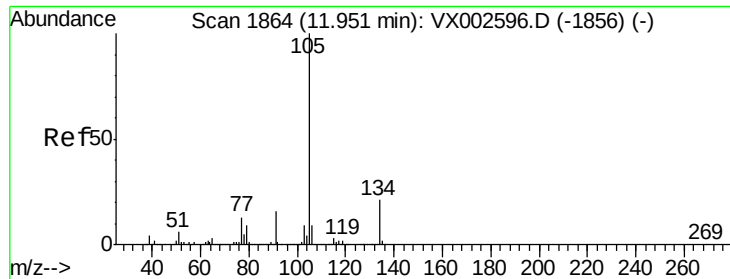
120 46.0 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

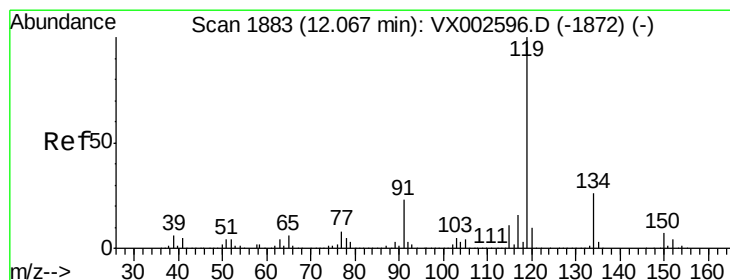
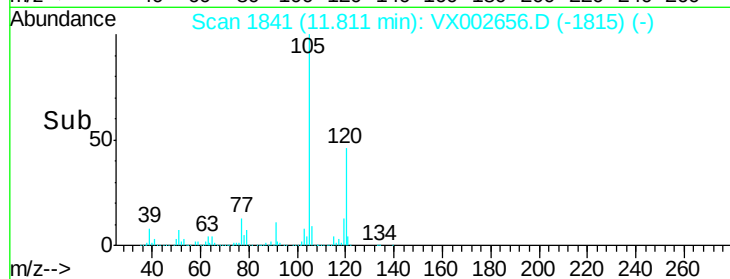
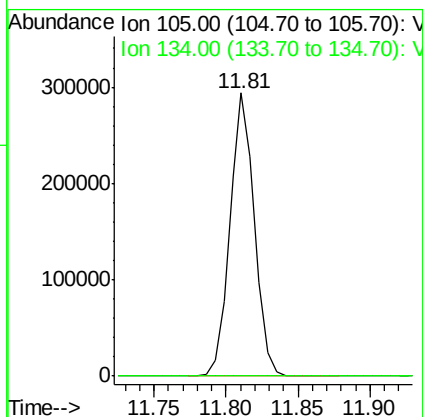
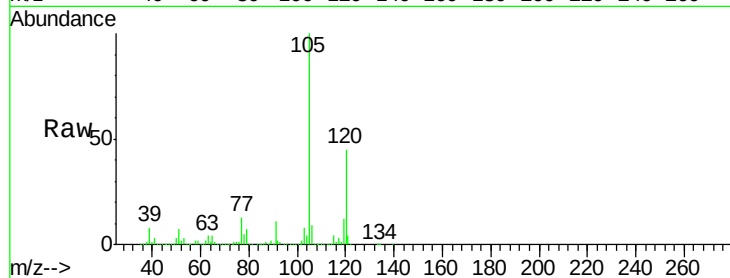




#85
 sec-Butylbenzene
 Concen: 31.808 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.14 min
 Lab File: VX002656.D
 Acq: 16 Jun 2018 19:25

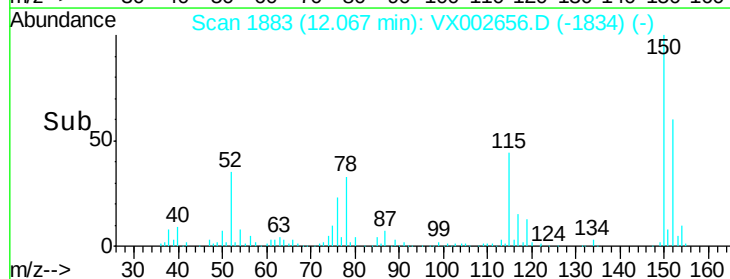
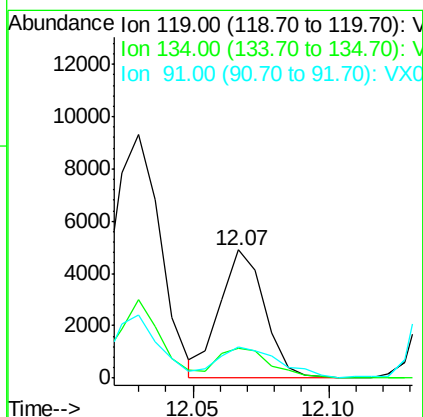
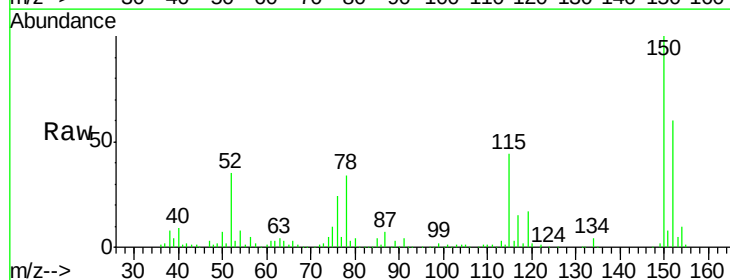
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01-061218DL

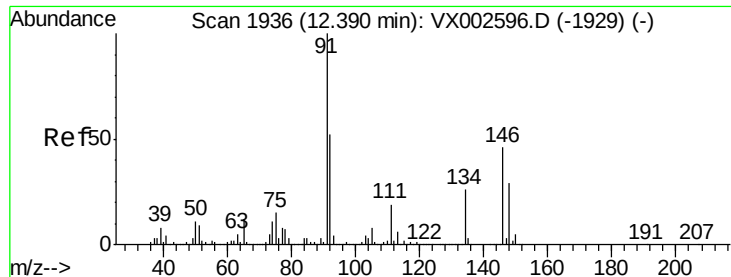
Tot Ion:105 Resp: 349589
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.568 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002656.D
 Acq: 16 Jun 2018 19:25

Tgt Ion:119 Resp: 5645
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 33.5 11.9 35.7





#89

n-Butylbenzene

Concen: 1.790 ug/l

RT: 12.38 min Scan# 1934

Delta R.T. -0.01 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01-061218DL

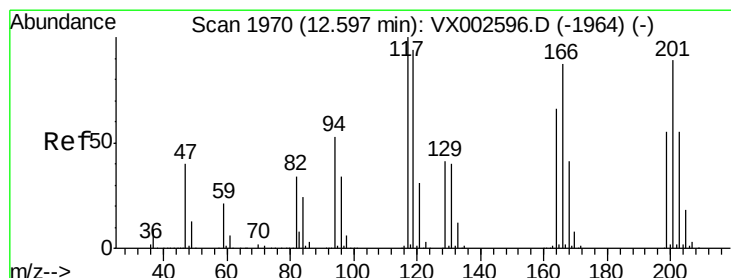
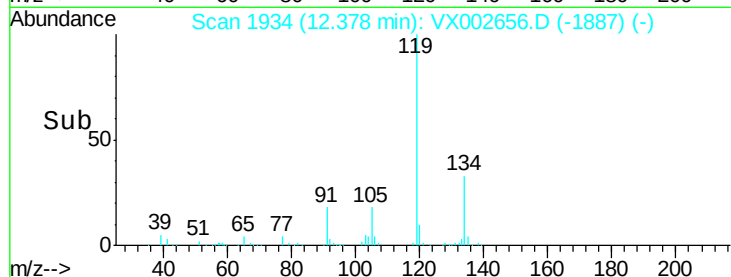
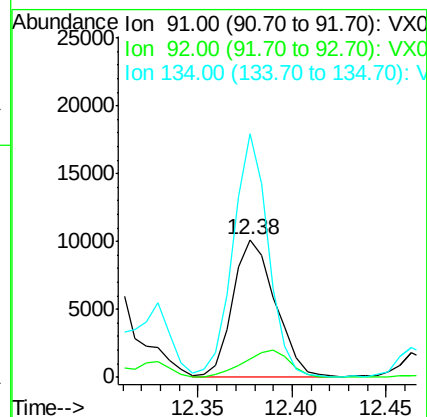
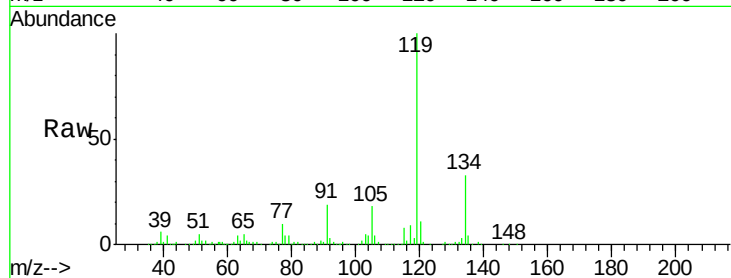
Tot Ion: 91 Resp: 15701

Ion Ratio Lower Upper

91 100

92 21.8 26.0 78.0#

134 146.8 13.5 40.5#



#90

Hexachloroethane

Concen: 4.797 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX002656.D

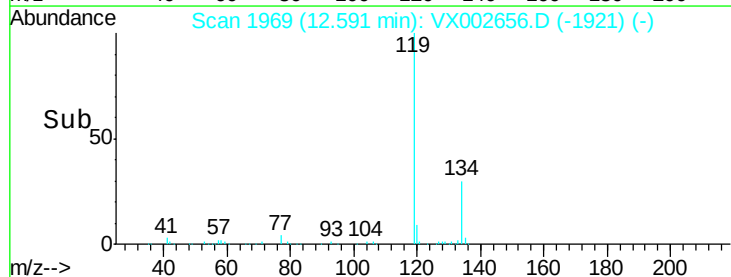
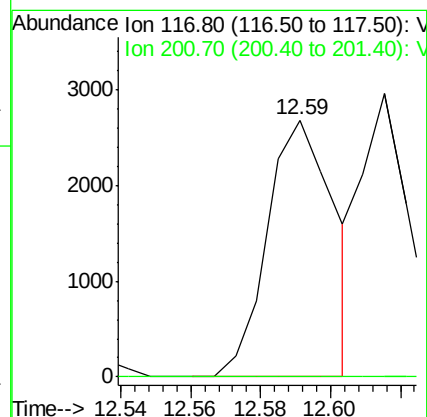
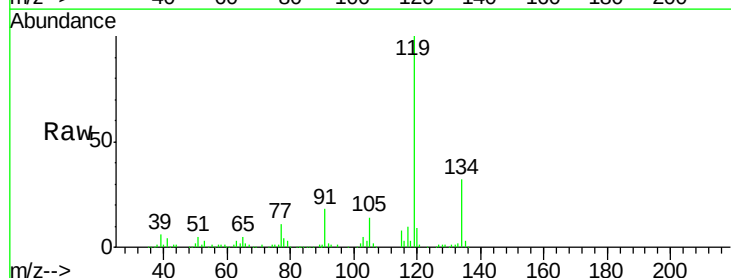
Acq: 16 Jun 2018 19:25

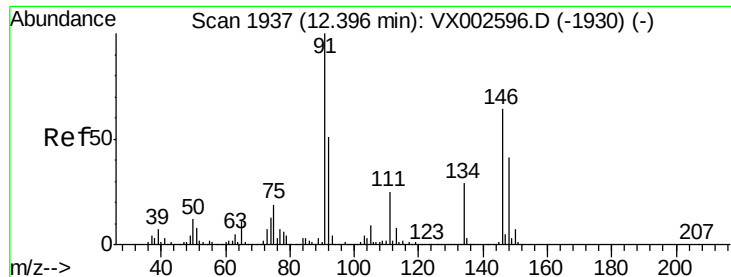
Tgt Ion: 117 Resp: 3553

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#

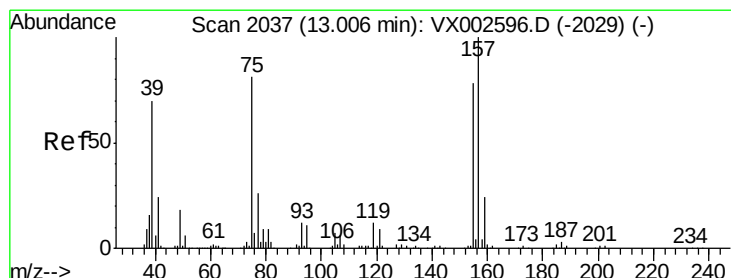
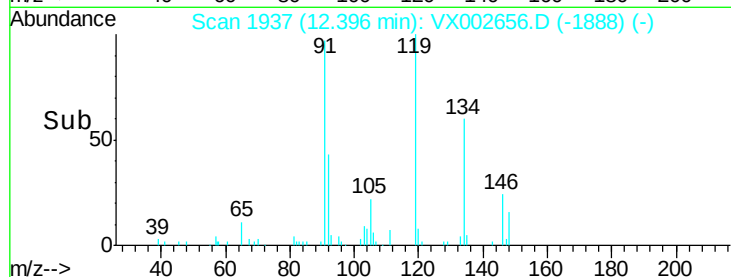
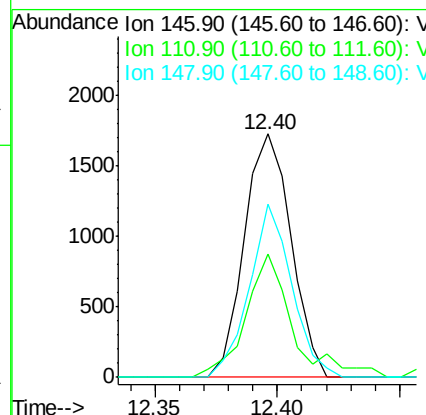
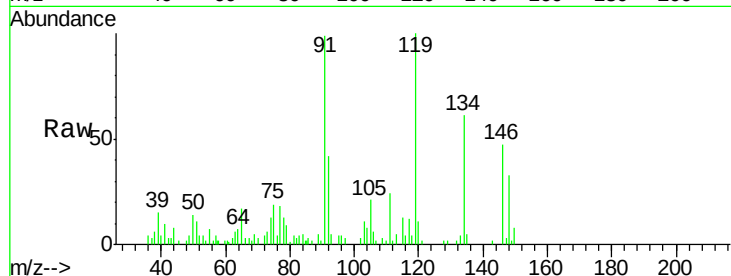




#91
 1,2-Dichlorobenzene
 Concen: 0.408 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002656.D
 Acq: 16 Jun 2018 19:25

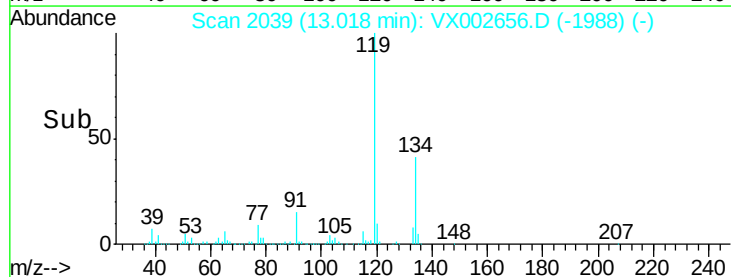
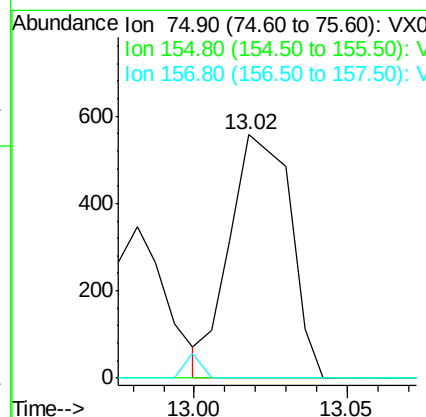
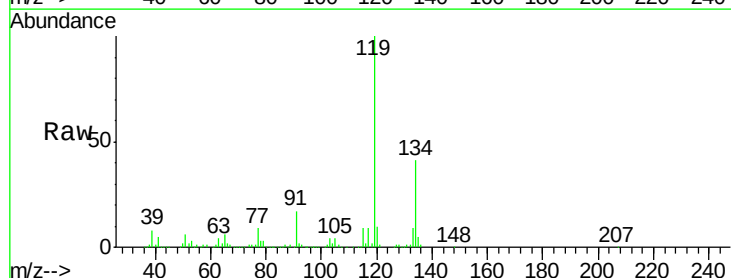
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01-061218DL

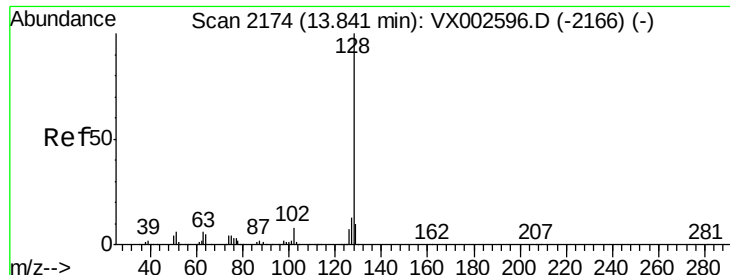
Tot Ion:146 Resp: 2278
 Ion Ratio Lower Upper
 146 100
 111 51.3 19.4 58.1
 148 65.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.144 ug/l
 RT: 13.02 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: VX002656.D
 Acq: 16 Jun 2018 19:25

Tgt Ion: 75 Resp: 768
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.8 137.4#
 157 2.6 60.1 180.3#





#95
Naphthalene
Concen: 11.927 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-061218DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	11.8	8.6	13.0

