

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100919\
 Data File : VX012950.D
 Acq On : 09 Oct 2019 18:05
 Operator : JC/SP
 Sample : K5213-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-1

Quant Time: Oct 18 07:18:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102826	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	111781	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	
35) Dibromofluoromethane	5.49	113	89536	52.89	ug/l	0.00
Spiked Amount			Recovery	=	105.78%	
50) Toluene-d8	8.71	98	345389	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	11.14	95	121082	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	

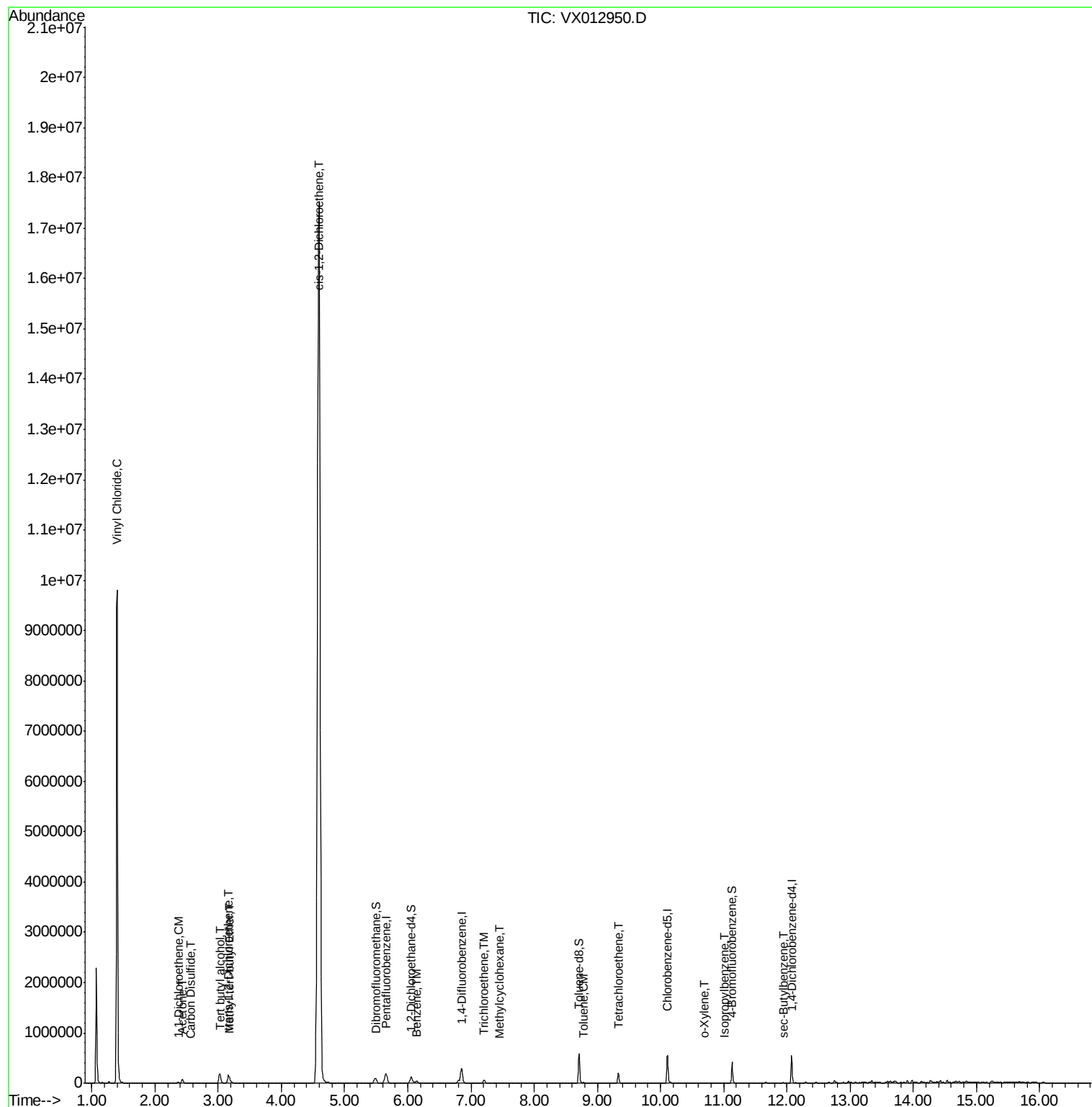
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	6858738	3481.406	ug/l	93
11) Tert butyl alcohol	3.03	59	228473	400.767	ug/l	99
12) 1,1-Dichloroethene	2.37	96	8350	4.802	ug/l	96
16) Acetone	2.43	43	86340	76.168	ug/l	99
17) Carbon Disulfide	2.56	76	4579	0.924	ug/l #	88
19) Methyl tert-butyl Ether	3.19	73	5491	0.914	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	86687	46.515	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	12151395	5656.605	ug/l	88
39) Methylcyclohexane	7.45	83	1065	0.339	ug/l	93
40) Benzene	6.14	78	49892	6.514	ug/l	97
44) Trichloroethene	7.21	130	23516	11.072	ug/l	92
52) Toluene	8.78	92	3846	0.785	ug/l	88
64) Tetrachloroethene	9.33	164	37590	21.341	ug/l	94
69) o-Xylene	10.70	106	1336	0.409	ug/l	88
73) Isopropylbenzene	11.01	105	2042	0.270	ug/l	99
85) sec-Butylbenzene	11.95	105	4242	0.595	ug/l	89

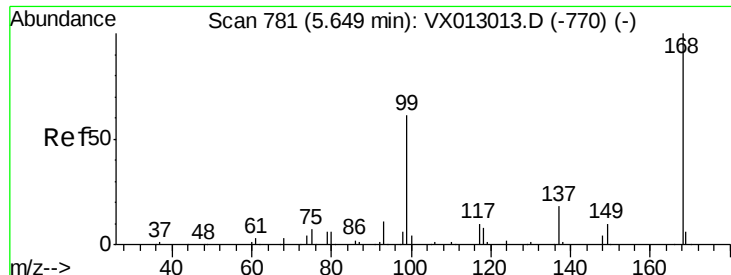
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100919\
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

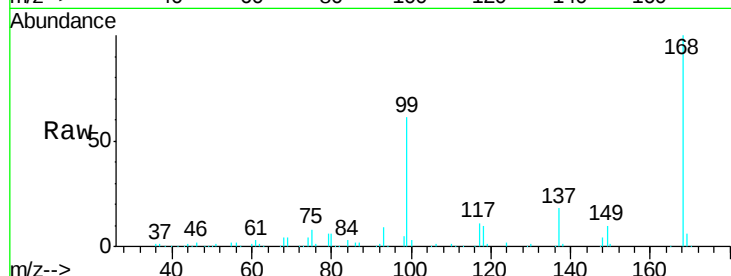
W-1

Tgt Ion:168 Resp: 172061

Ion Ratio Lower Upper

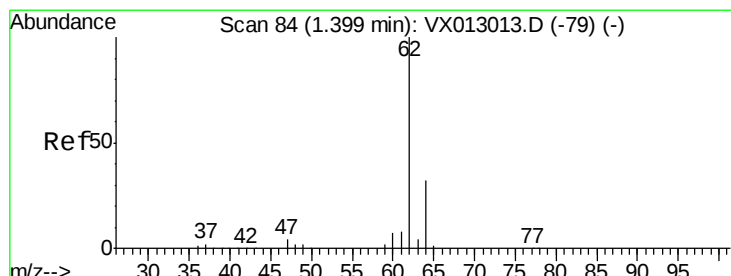
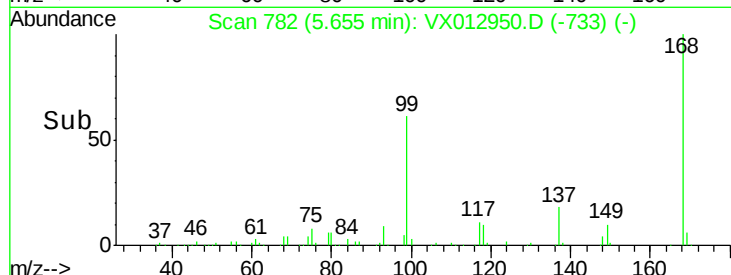
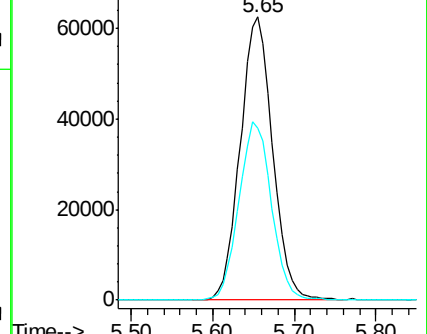
168 100

99 60.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 3481.406 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012950.D

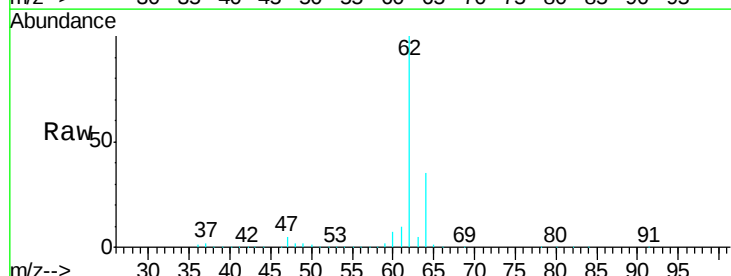
Acq: 09 Oct 2019 18:05

Tgt Ion: 62 Resp: 6858738

Ion Ratio Lower Upper

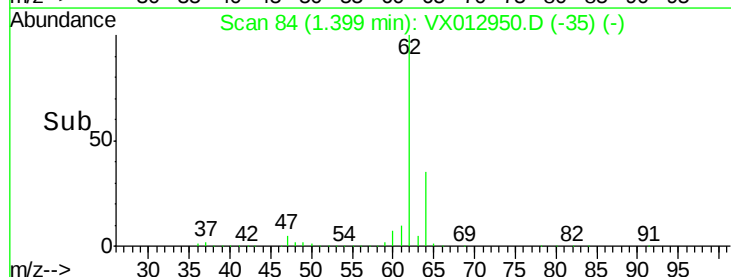
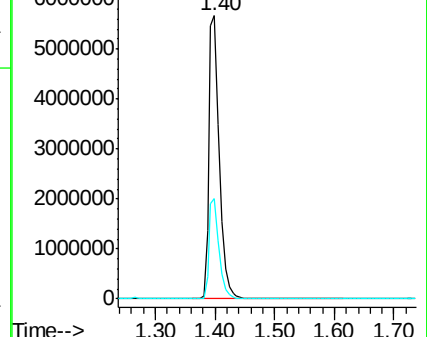
62 100

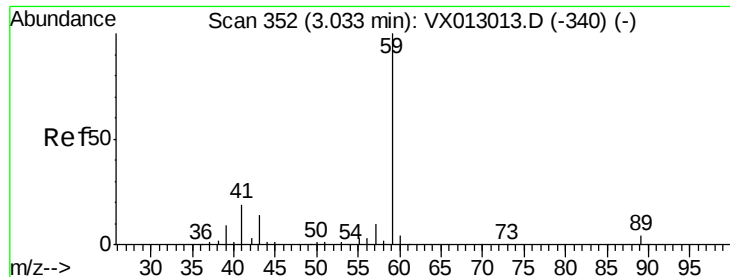
64 35.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



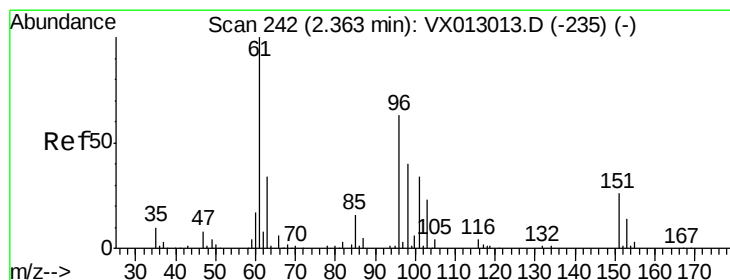
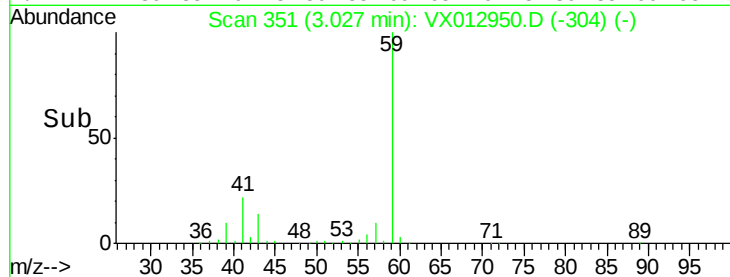
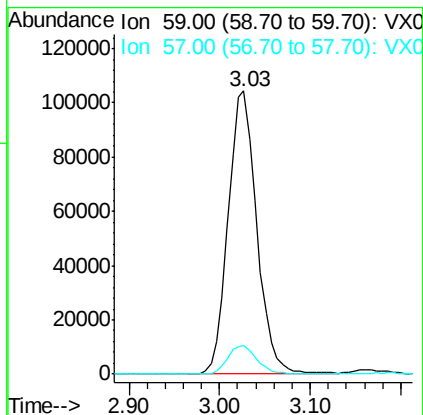
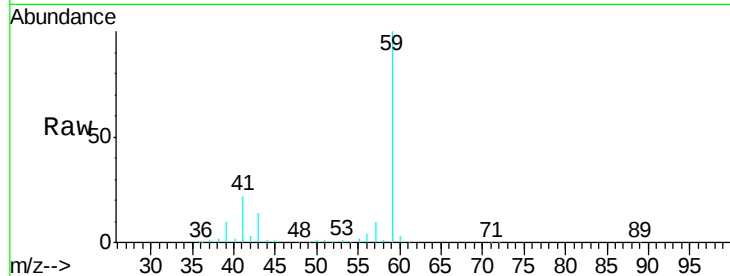


#11

Tert butyl alcohol
 Concen: 400.767 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX012950.D
 Acq: 09 Oct 2019 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 W-1

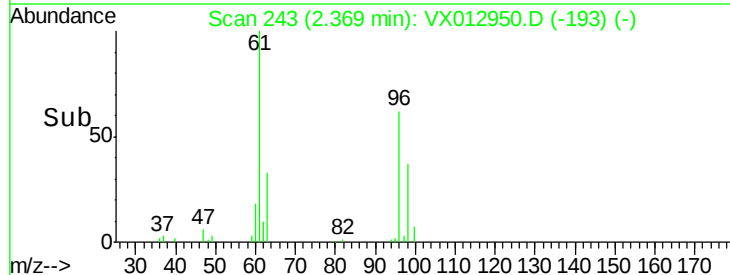
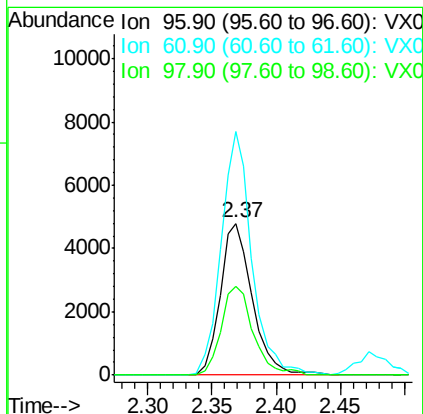
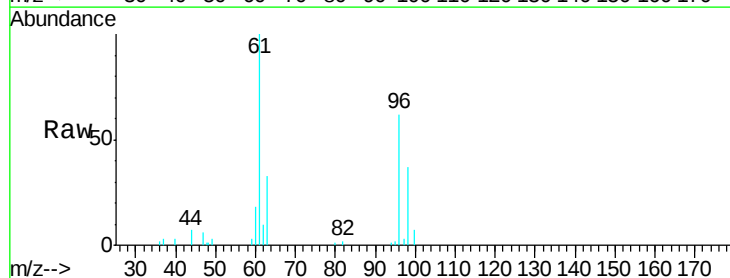
Tgt Ion: 59 Resp: 228473
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

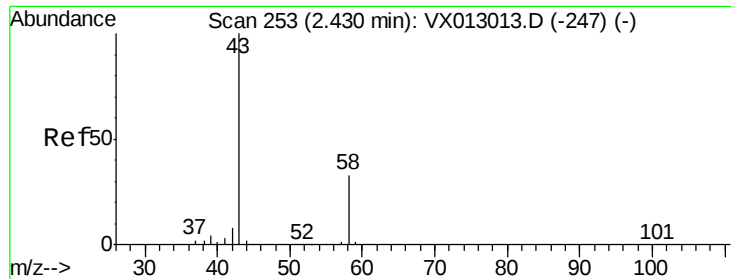


#12

1,1-Dichloroethene
 Concen: 4.802 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX012950.D
 Acq: 09 Oct 2019 18:05

Tgt Ion: 96 Resp: 8350
 Ion Ratio Lower Upper
 96 100
 61 160.7 132.2 198.4
 98 58.8 50.5 75.7





#16

Acetone

Concen: 76.168 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampled :

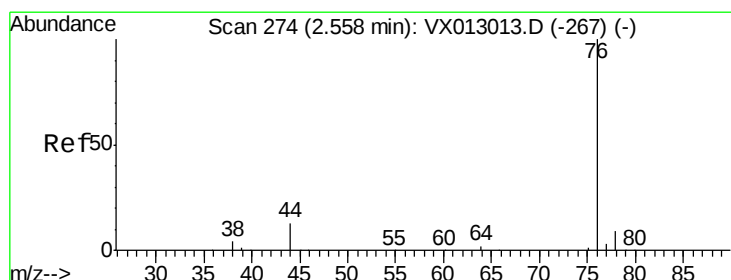
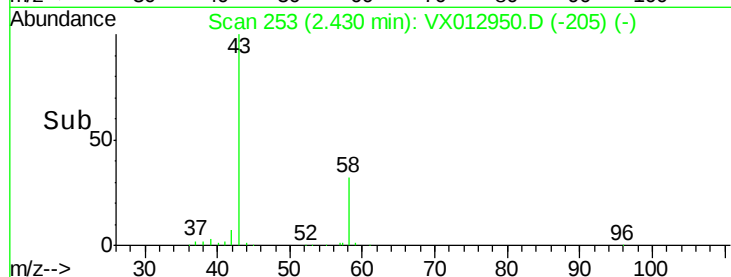
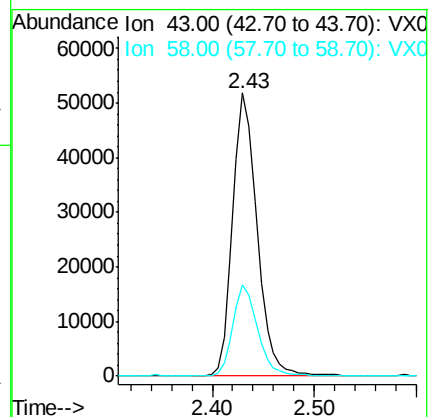
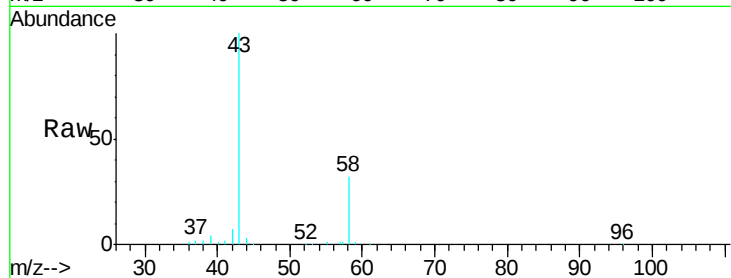
W-1

Tgt Ion: 43 Resp: 86340

Ion Ratio Lower Upper

43 100

58 32.3 25.4 38.2



#17

Carbon Disulfide

Concen: 0.924 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX012950.D

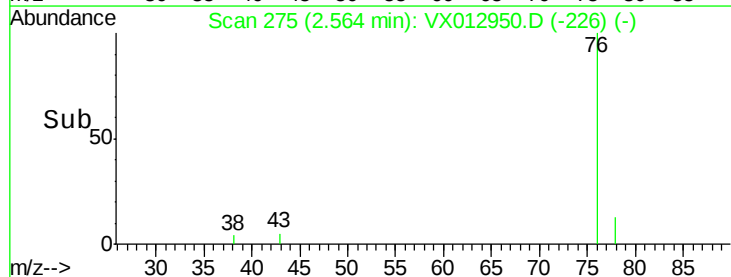
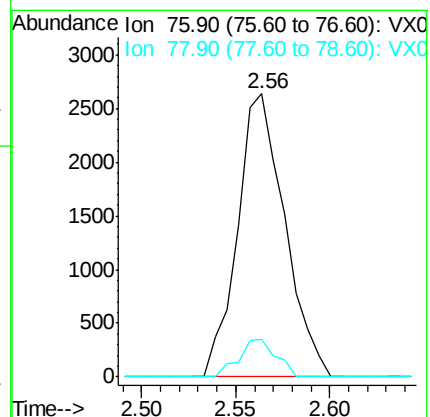
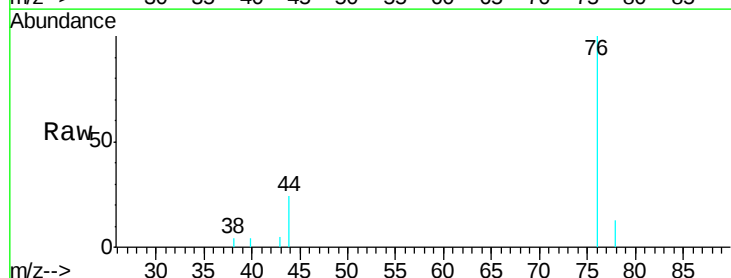
Acq: 09 Oct 2019 18:05

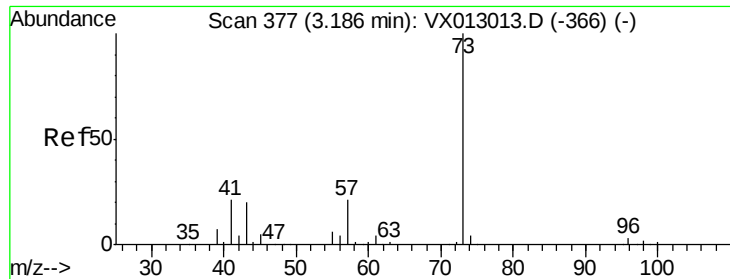
Tgt Ion: 76 Resp: 4579

Ion Ratio Lower Upper

76 100

78 13.1 7.1 10.7#

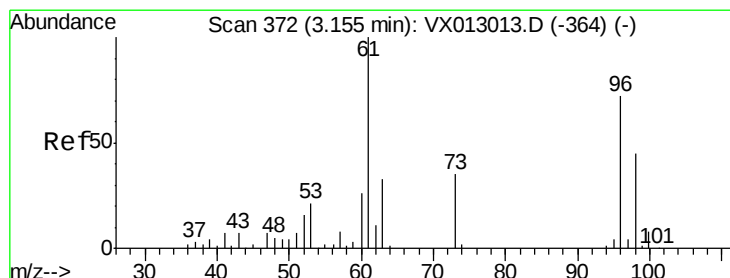
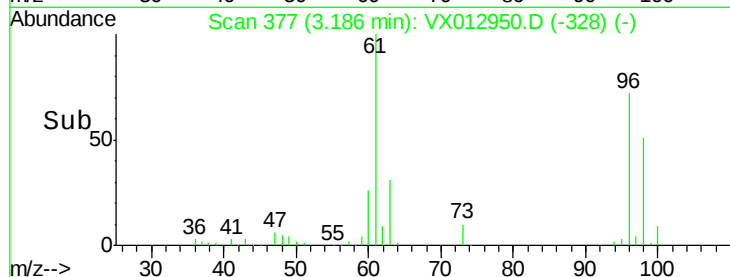
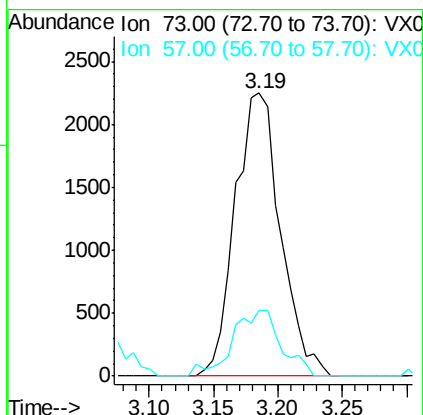
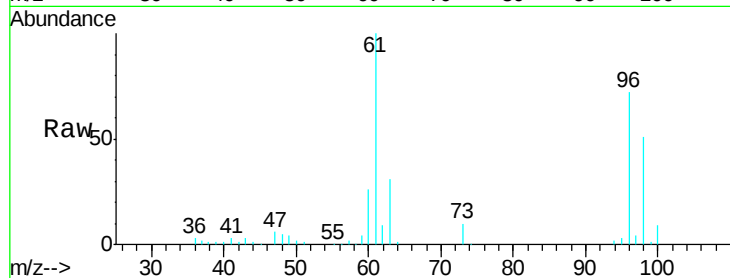




#19
Methyl tert-butyl Ether
Concen: 0.914 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

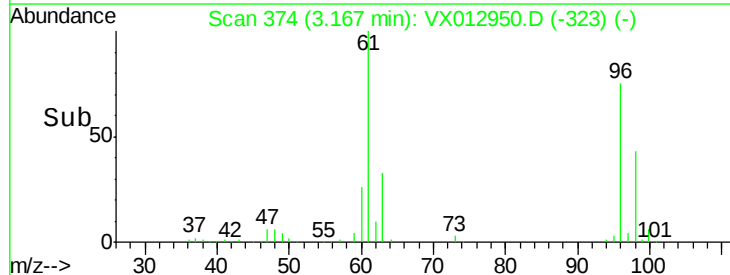
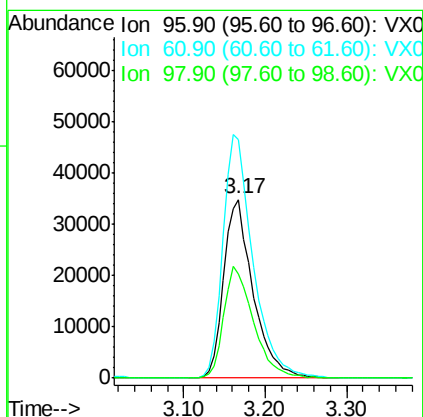
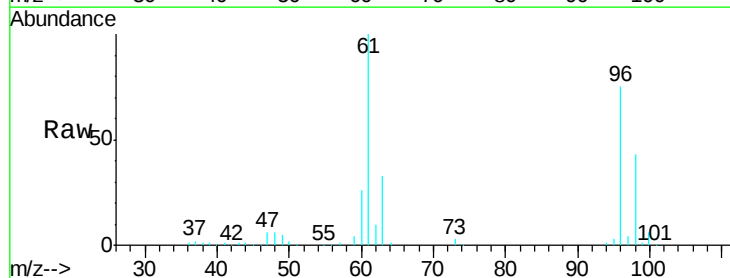
Instrument :
MSVOA_X
ClientSampled :
W-1

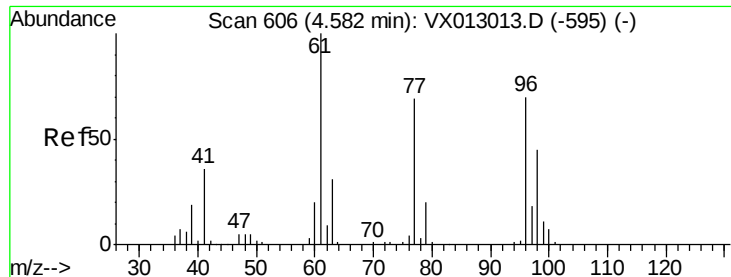
Tgt Ion: 73 Resp: 5491
Ion Ratio Lower Upper
73 100
57 23.1 17.8 26.6



#21
trans-1,2-Dichloroethene
Concen: 46.515 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Tgt Ion: 96 Resp: 86687
Ion Ratio Lower Upper
96 100
61 133.9 110.4 165.6
98 58.1 51.5 77.3



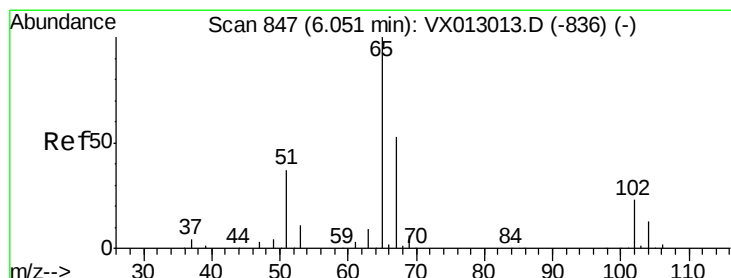
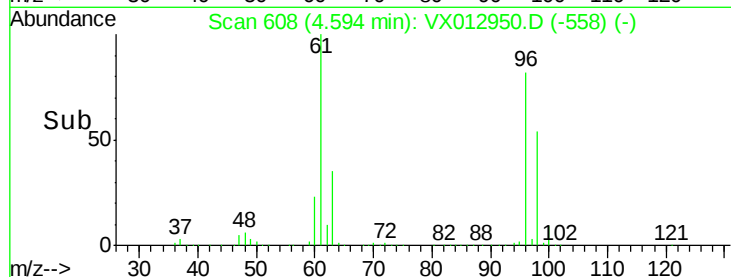
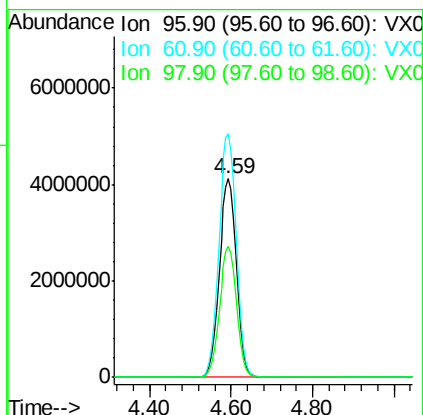
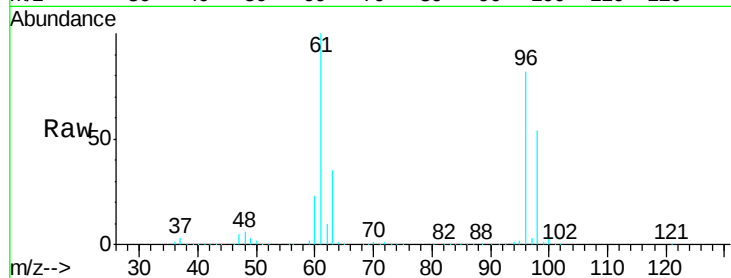


#27

cis-1,2-Dichloroethene
Concen: 5656.605 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :
W-1

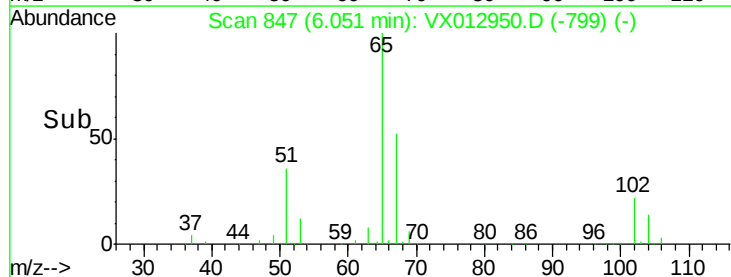
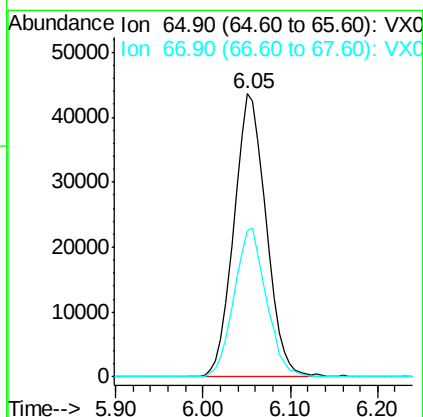
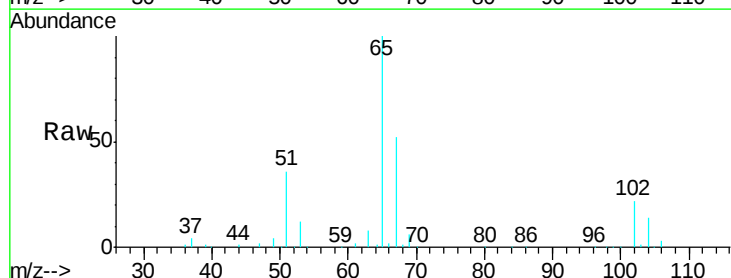
Tgt Ion: 96 Resp:12151395
Ion Ratio Lower Upper
96 100
61 125.1 0.0 290.6
98 65.6 0.0 128.8

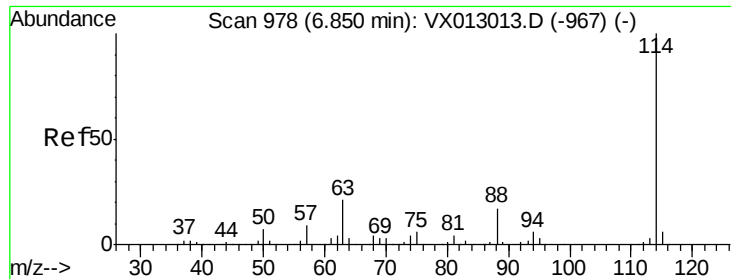


#33

1,2-Dichloroethane-d4
Concen: 51.978 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Tgt Ion: 65 Resp: 111781
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.4

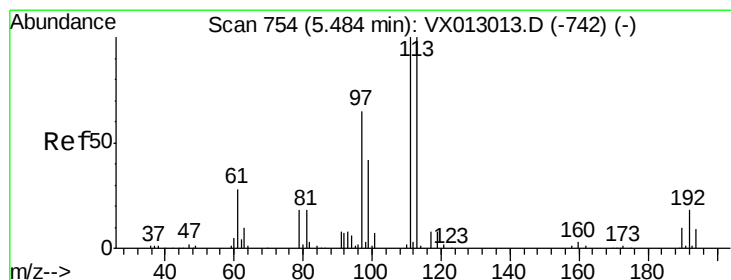
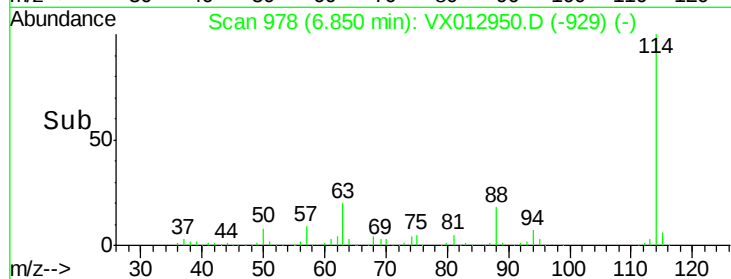
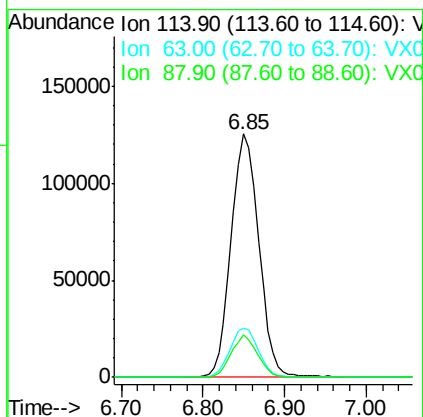
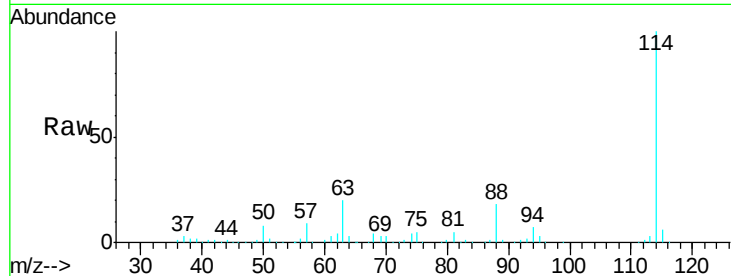




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012950.D
 Acq: 09 Oct 2019 18:05

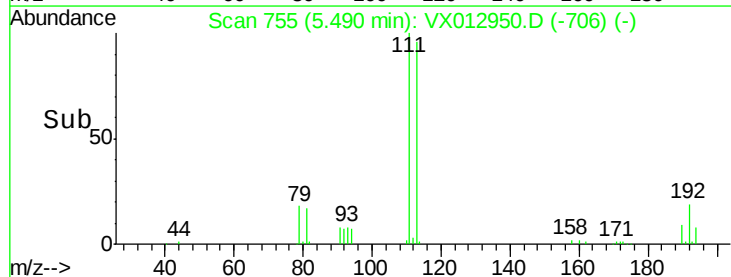
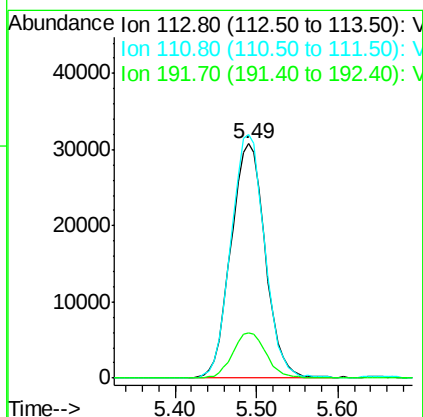
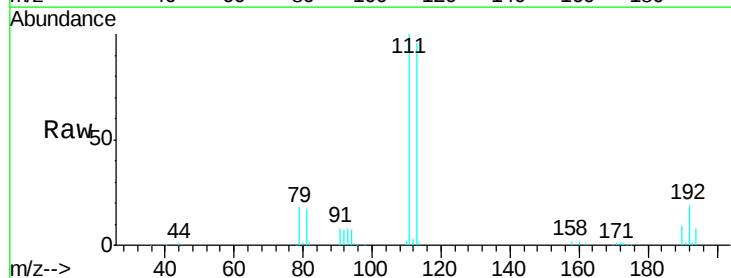
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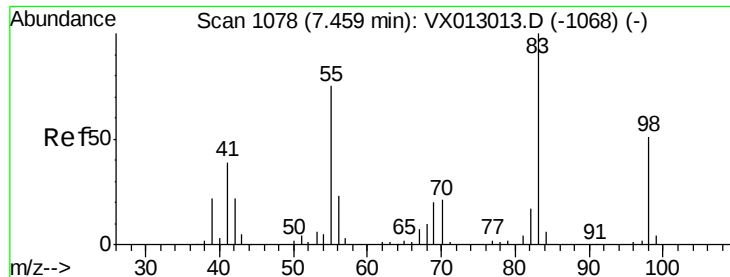
Tgt Ion:114 Resp: 294959
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 17.6 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 52.889 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012950.D
 Acq: 09 Oct 2019 18:05

Tgt Ion:113 Resp: 89536
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.2 124.8
 192 18.9 15.4 23.2

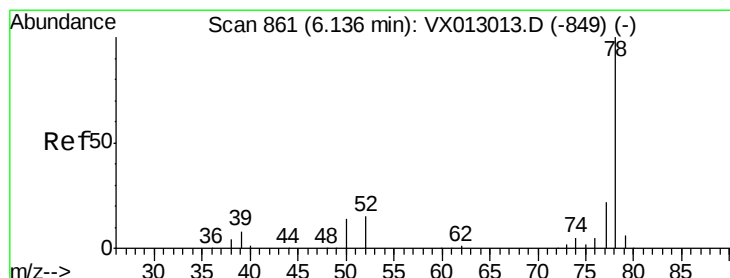
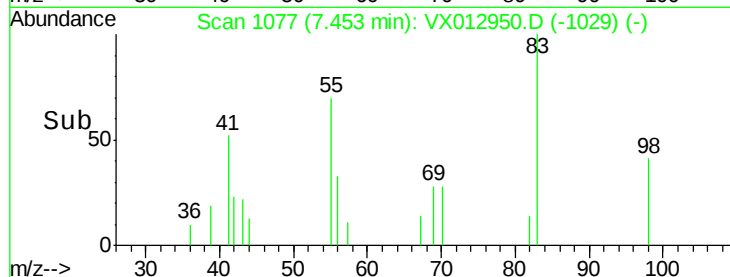
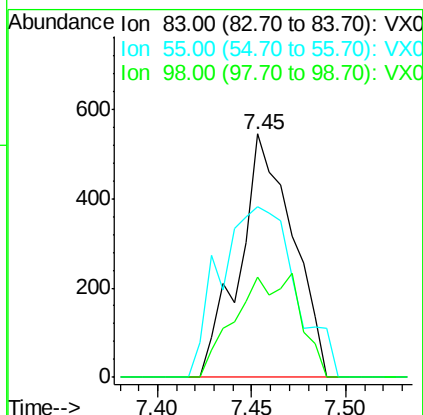
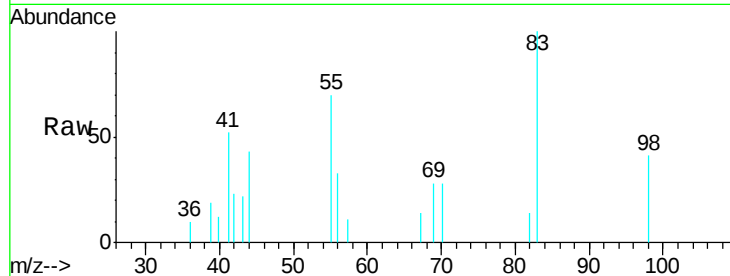




#39
Methylcyclohexane
Concen: 0.339 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

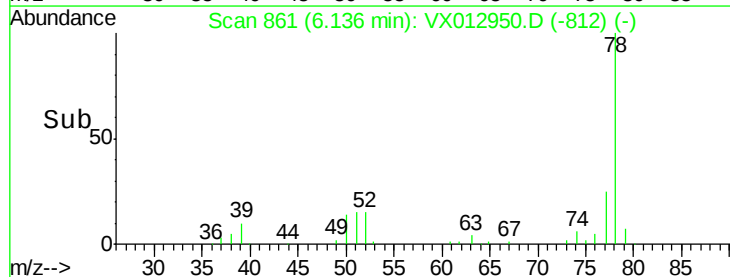
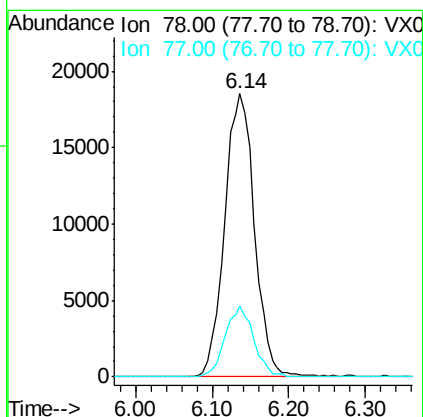
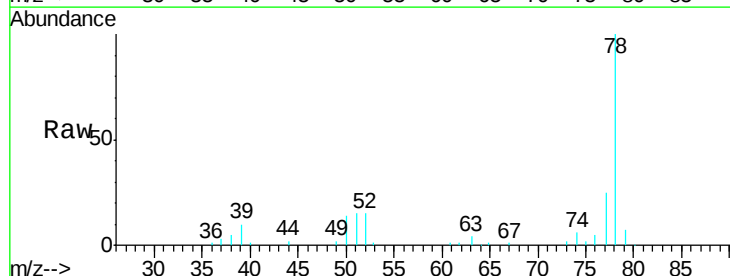
Instrument :
MSVOA_X
ClientSampleId :
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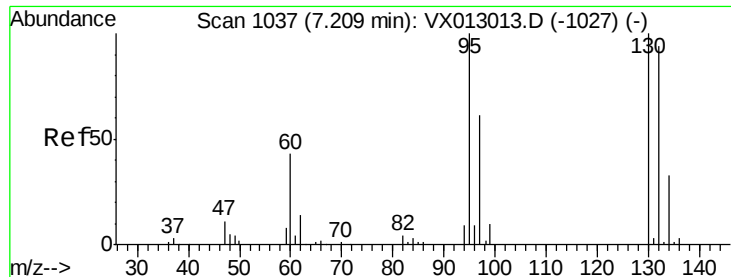
Tgt Ion: 83 Resp: 1065
Ion Ratio Lower Upper
83 100
55 70.4 60.2 90.4
98 41.4 38.5 57.7



#40
Benzene
Concen: 6.514 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Tgt Ion: 78 Resp: 49892
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.4





#44

Trichloroethene

Concen: 11.072 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampled :

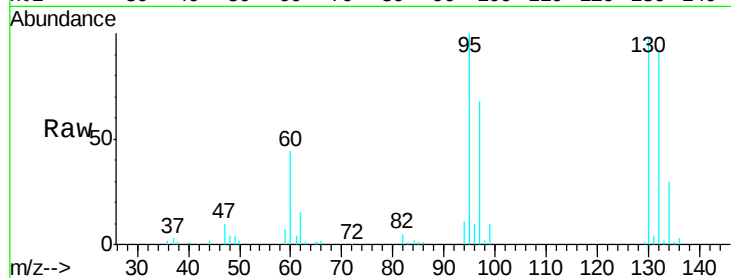
W-1

Tgt Ion:130 Resp: 23516

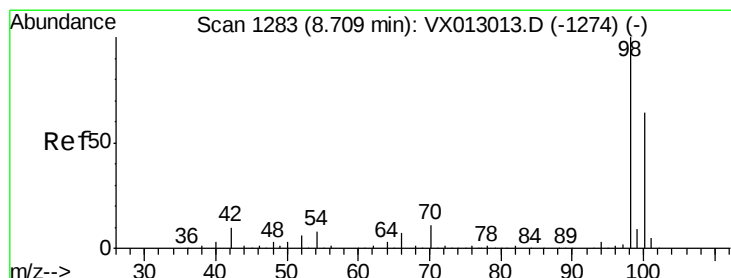
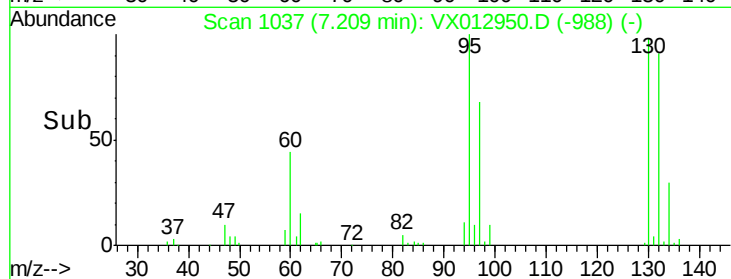
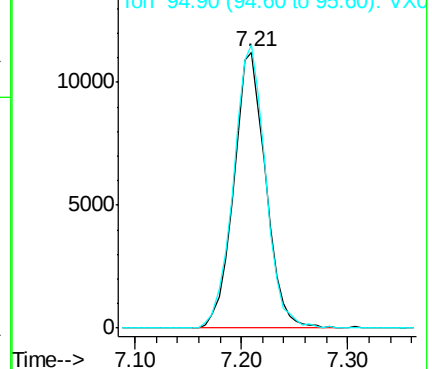
Ion Ratio Lower Upper

130 100

95 102.4 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V



#50

Toluene-d8

Concen: 52.310 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012950.D

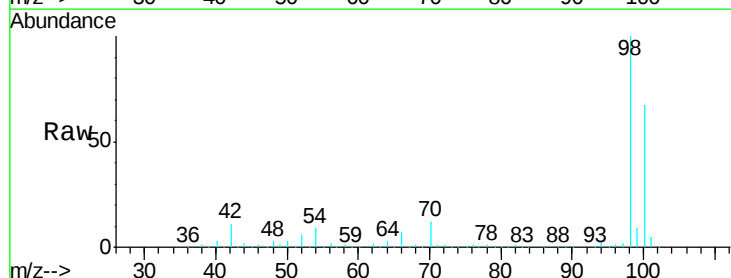
Acq: 09 Oct 2019 18:05

Tgt Ion: 98 Resp: 345389

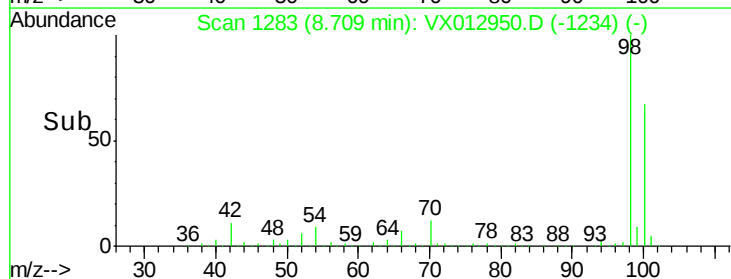
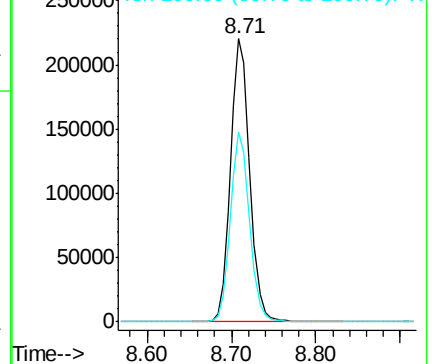
Ion Ratio Lower Upper

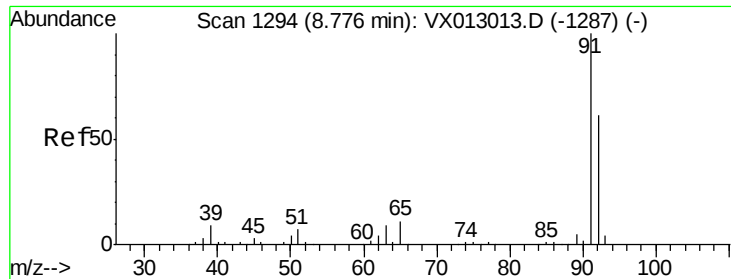
98 100

100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0





#52

Toluene

Concen: 0.785 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

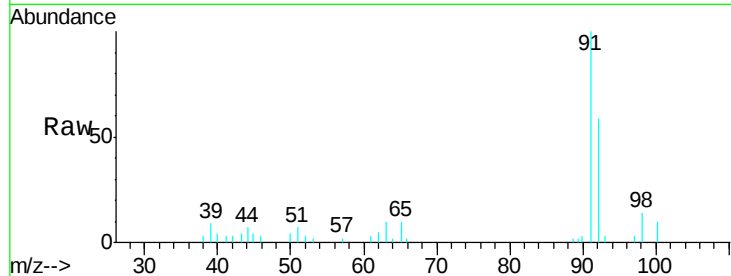
W-1

Tgt Ion: 92 Resp: 3846

Ion Ratio Lower Upper

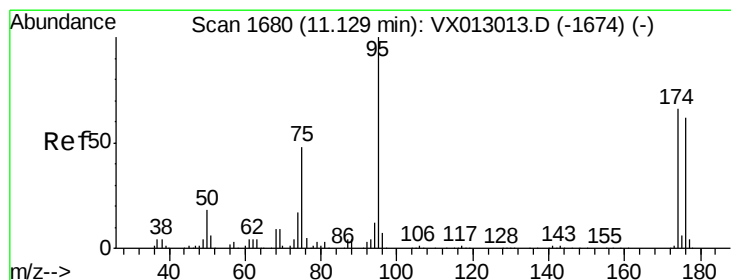
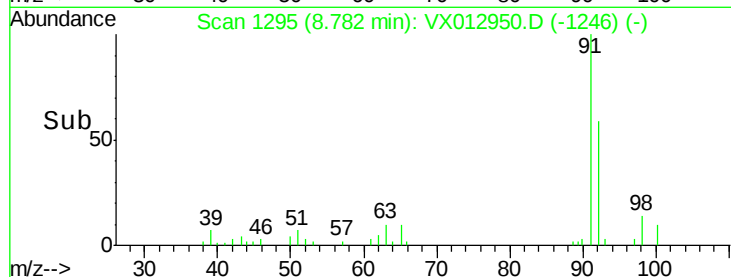
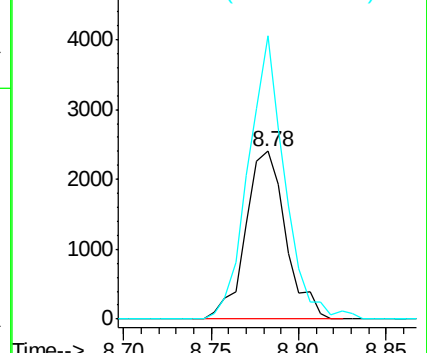
92 100

91 153.4 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 47.195 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

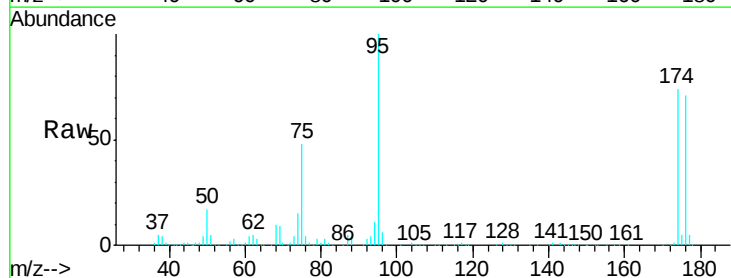
Tgt Ion: 95 Resp: 121082

Ion Ratio Lower Upper

95 100

174 71.6 0.0 143.4

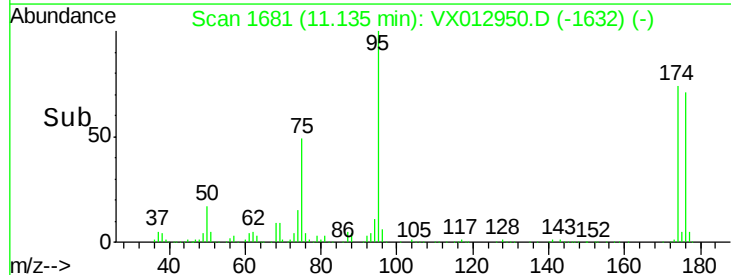
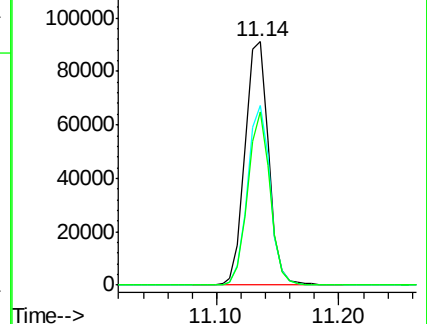
176 67.7 0.0 136.0

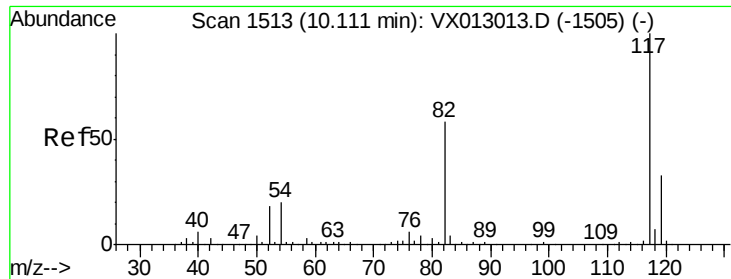


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

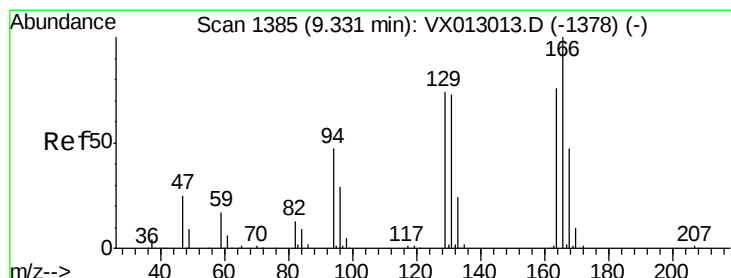
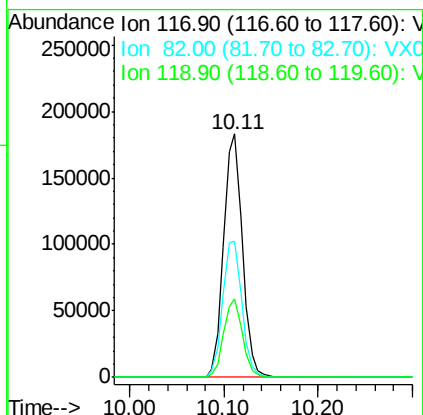
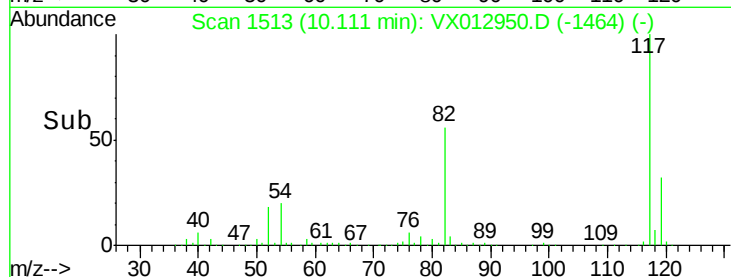
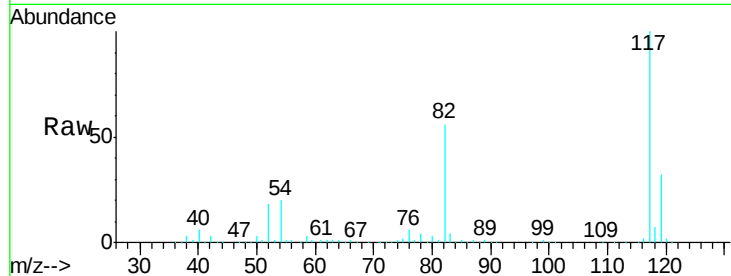




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

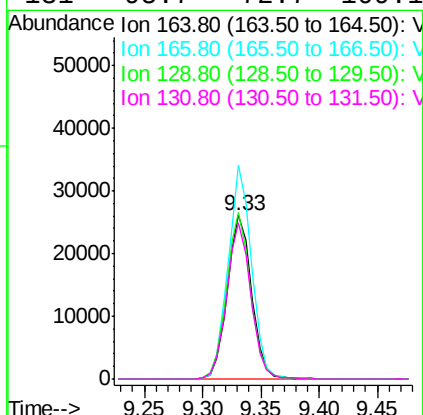
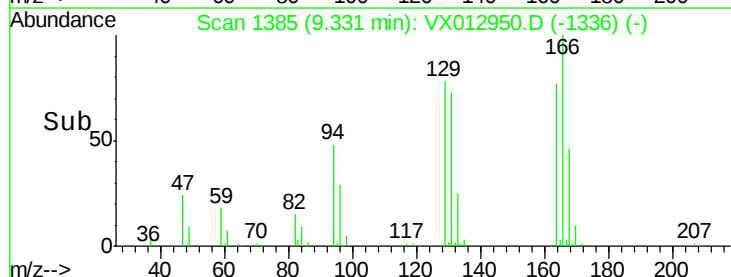
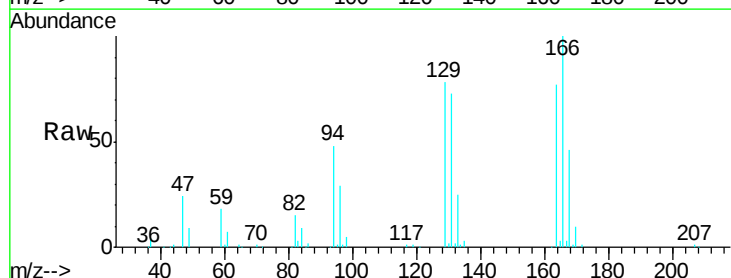
Instrument :
MSVOA_X
ClientSampleId :
W-1

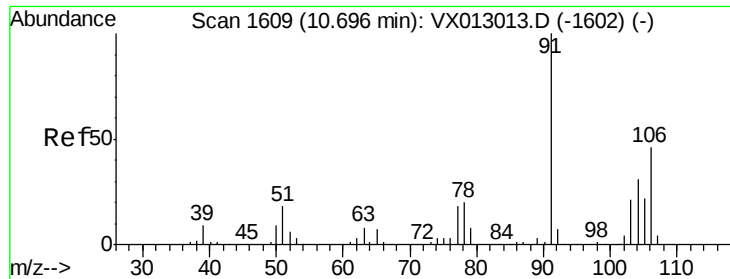
Tgt Ion:117 Resp: 253955
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 21.341 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Tgt Ion:164 Resp: 37590
Ion Ratio Lower Upper
164 100
166 130.4 96.9 145.3
129 101.4 77.9 116.9
131 95.7 72.7 109.1

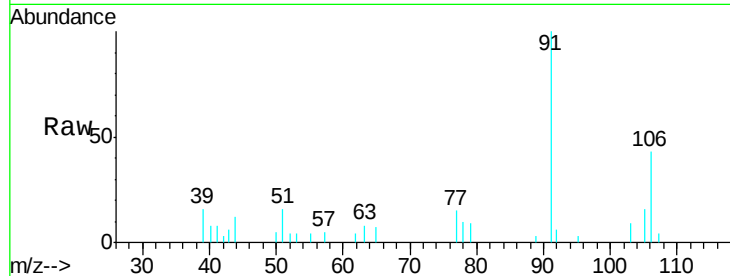




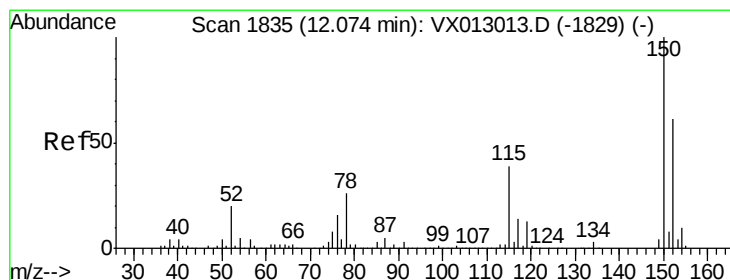
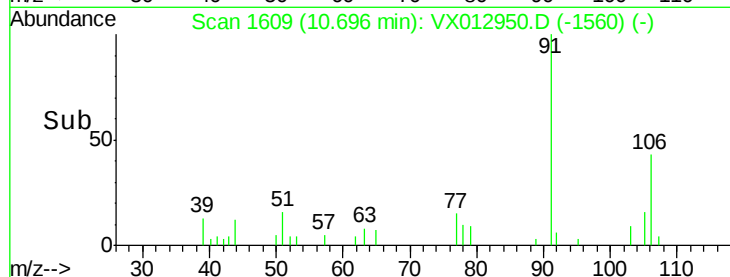
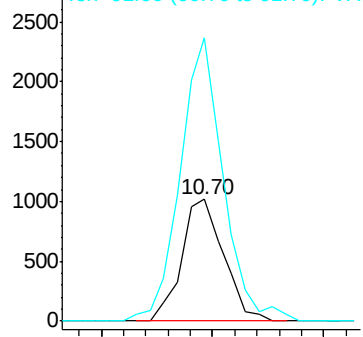
#69
o-Xylene
Concen: 0.409 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Instrument :
MSVOA_X
ClientSampled :
W-1

Tgt Ion:106 Resp: 1336
Ion Ratio Lower Upper
106 100
91 238.2 109.1 327.3

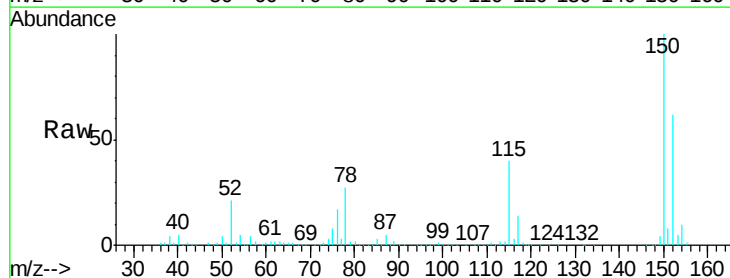


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

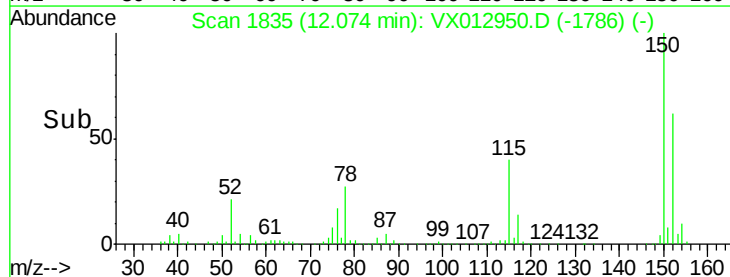
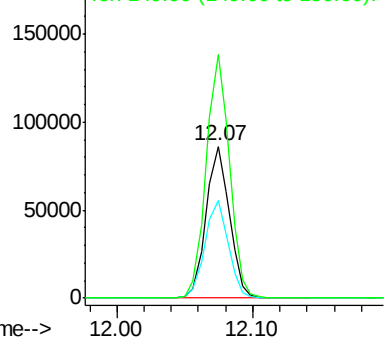


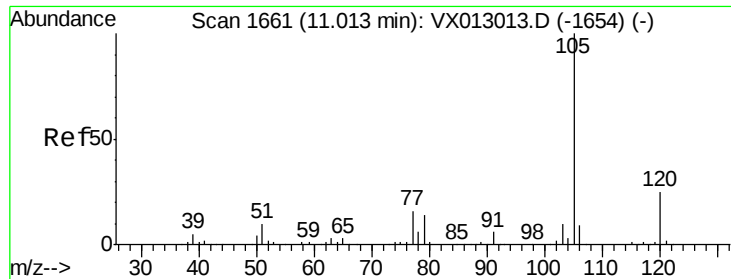
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012950.D
Acq: 09 Oct 2019 18:05

Tgt Ion:152 Resp: 102826
Ion Ratio Lower Upper
152 100
115 64.9 44.5 133.5
150 160.3 0.0 353.4



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: 0.270 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012950.D

Acq: 09 Oct 2019 18:05

Instrument :

MSVOA_X

ClientSampleId :

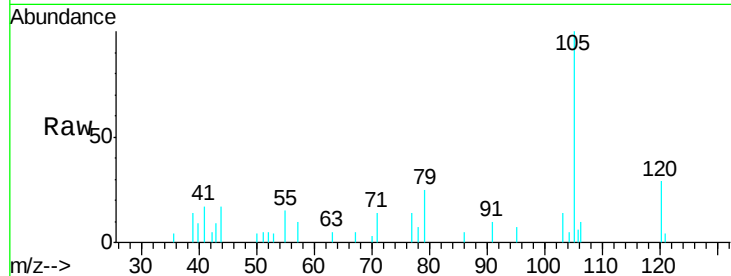
W-1

Tgt Ion:105 Resp: 2042

Ion Ratio Lower Upper

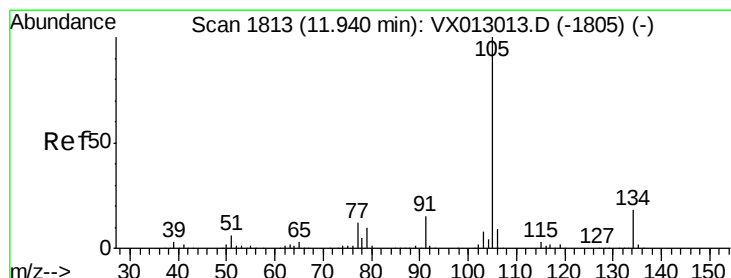
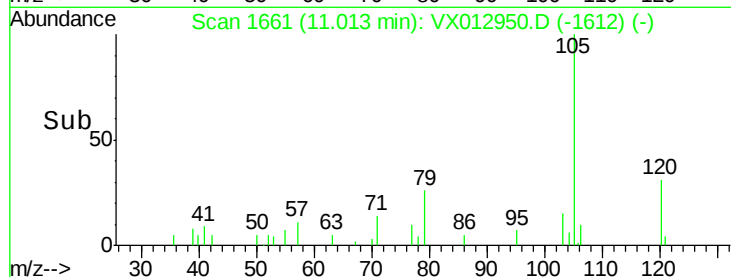
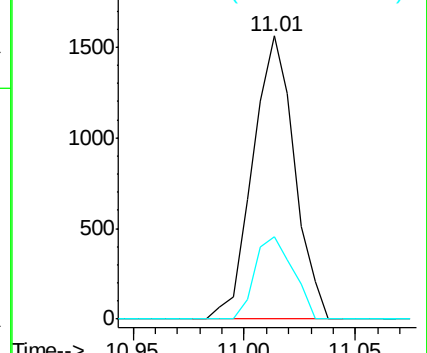
105 100

120 26.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.595 ug/l

RT: 11.95 min Scan# 1814

Delta R.T. 0.01 min

Lab File: VX012950.D

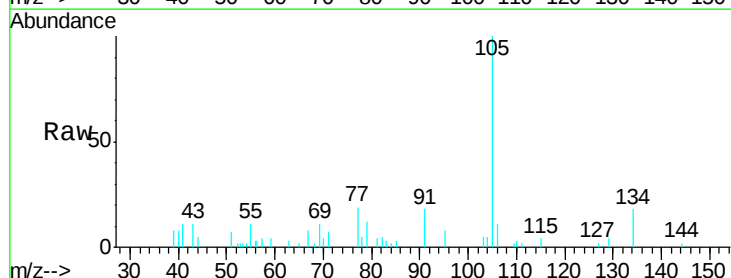
Acq: 09 Oct 2019 18:05

Tgt Ion:105 Resp: 4242

Ion Ratio Lower Upper

105 100

134 25.0 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

