

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
 Data File : VX008571.D
 Acq On : 01 Apr 2019 16:10
 Operator : JC/SP
 Sample : K2176-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 01:12:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153214	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
35) Dibromofluoromethane	5.50	113	113198	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	8.71	98	456825	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.13	95	157009	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	11486	2.897	ug/l #	54
5) Bromomethane	1.65	94	210	1.914	ug/l #	45
6) Chloroethane	1.96	64	2256	1.050	ug/l #	62
10) Methyl Iodide	2.51	142	80	4.160	ug/l #	42
11) Tert butyl alcohol	3.04	59	1947	2.631	ug/l #	72
13) Acrolein	2.28	56	161	0.300	ug/l #	14
16) Acetone	2.44	43	8781	5.030	ug/l	98
17) Carbon Disulfide	2.57	76	6111	0.451	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	29775	3.224	ug/l	99
20) Methylene Chloride	2.85	84	832	Below Cal		94
21) trans-1,2-Dichloroethene	3.25	96	20	Below Cal	#	45
25) 2-Butanone	4.68	43	942	0.337	ug/l #	68
31) Cyclohexane	5.57	56	1941	0.363	ug/l	89
36) 1,1-Dichloropropene	5.67	75	18494	4.760	ug/l #	51
38) Carbon Tetrachloride	5.66	117	20898	6.445	ug/l #	16
39) Methylcyclohexane	7.46	83	1867	0.402	ug/l #	94
40) Benzene	6.15	78	5054747	434.540	ug/l	100
42) 1,2-Dichloroethane	6.15	62	42464	9.970	ug/l #	76
49) 1,4-Dioxane	7.74	88	1636	20.424	ug/l #	84
52) Toluene	8.78	92	24030	3.455	ug/l	100
67) Ethyl Benzene	10.25	91	772552	60.144	ug/l	99
68) m/p-Xylenes	10.36	106	22821	4.884	ug/l	98
69) o-Xylene	10.69	106	34147	7.530	ug/l	98
70) Styrene	10.69	104	2474	0.316	ug/l #	1
73) Isopropylbenzene	11.02	105	119830	10.875	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	81072	20.134	ug/l #	34
78) n-propylbenzene	11.36	91	32226	2.497	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2937	0.315	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.13	75	81072	64.485	ug/l #	9
83) tert-Butylbenzene	12.02	119	2137	0.238	ug/l	70
84) 1,2,4-Trimethylbenzene	11.80	105	62019	6.582	ug/l	99
85) sec-Butylbenzene	11.80	105	62019	5.794	ug/l #	59
86) p-Isopropyltoluene	12.06	119	7582	0.803	ug/l #	74
89) n-Butylbenzene	12.30	91	150140	16.781	ug/l #	44

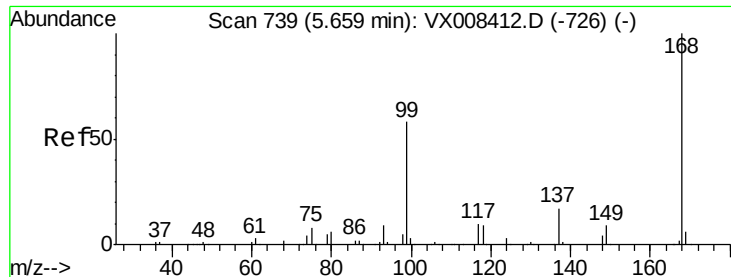
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
Data File : VX008571.D
Acq On : 01 Apr 2019 16:10
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Quant Time: Apr 02 01:12:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.76	117	76365	48.534	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.02	75	18784	20.150	ug/l #	4
95) Naphthalene	13.83	128	1460209	132.205	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

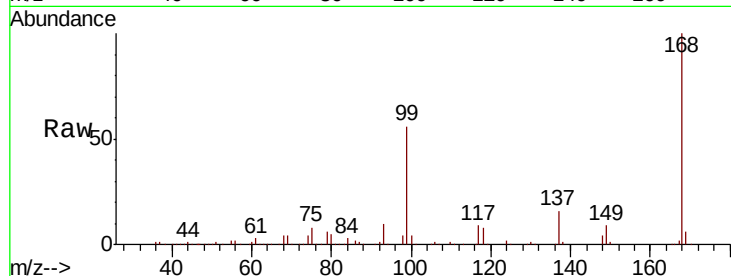
ClientSampleId :

Tot Ion:168 Resp: 220320

Ion Ratio Lower Upper

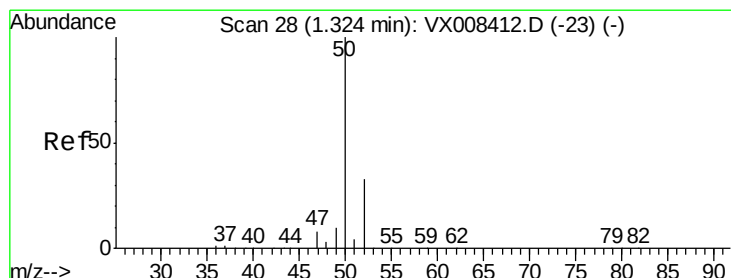
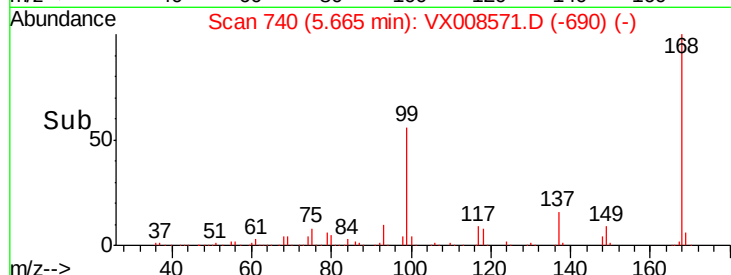
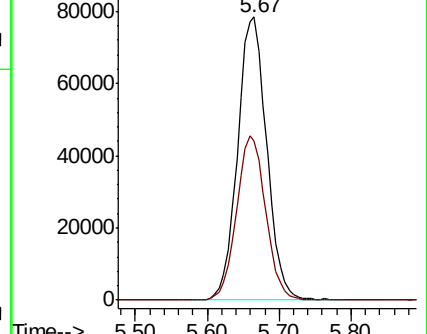
168 100

99 56.3 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 2.897 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX008571.D

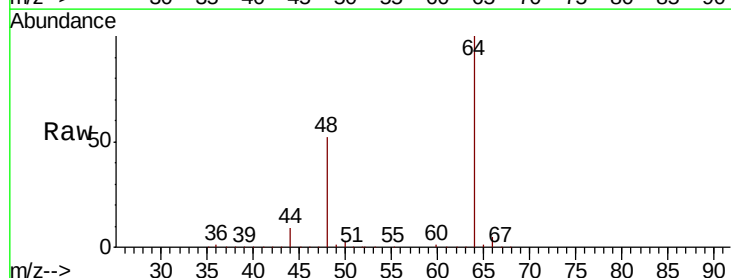
Acq: 01 Apr 2019 16:10

Tgt Ion: 50 Resp: 11486

Ion Ratio Lower Upper

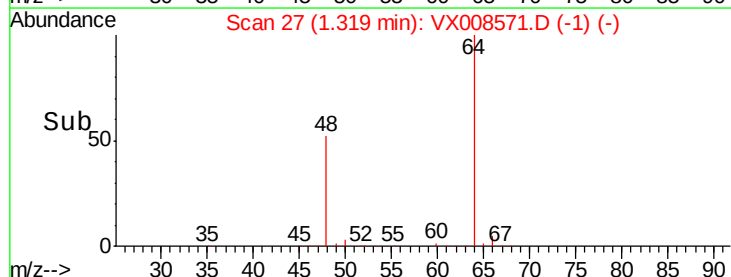
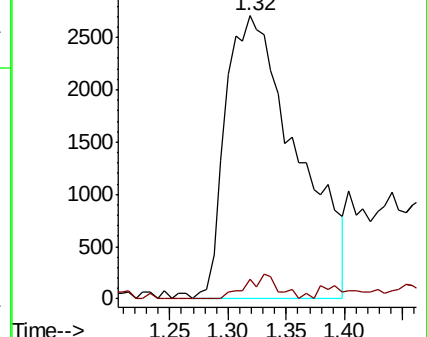
50 100

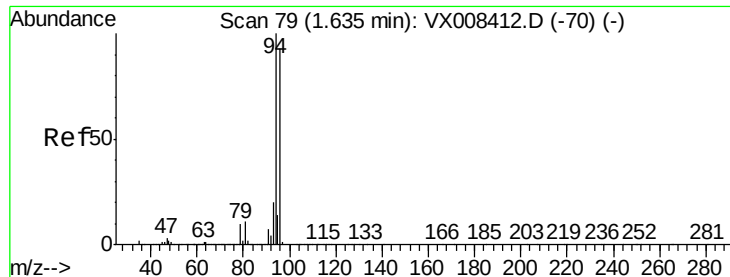
52 6.8 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 1.914 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

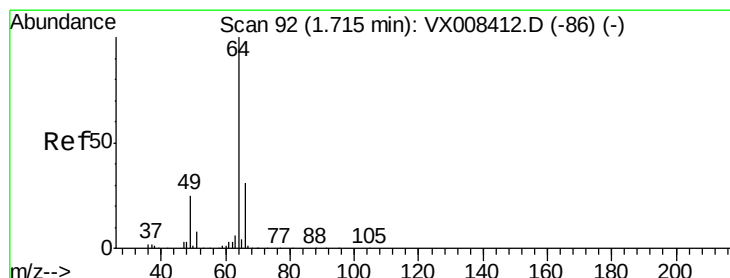
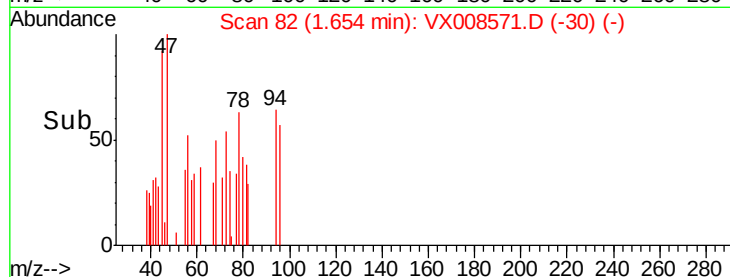
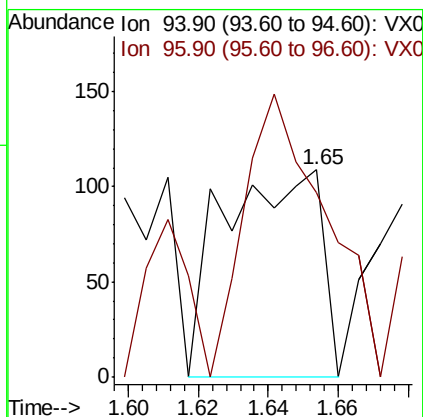
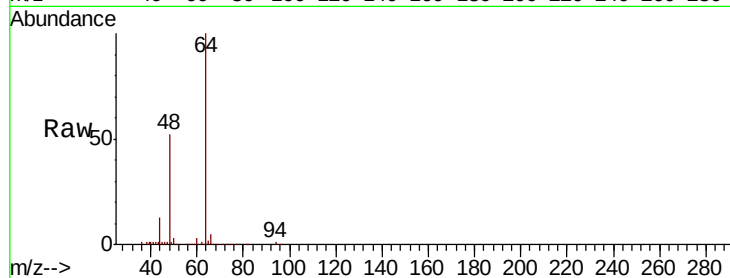
ClientSampled :

Tot Ion: 94 Resp: 210

Ion Ratio Lower Upper

94 100

96 40.4 74.8 112.2#



#6

Chloroethane

Concen: 1.050 ug/l

RT: 1.96 min Scan# 133

Delta R.T. 0.25 min

Lab File: VX008571.D

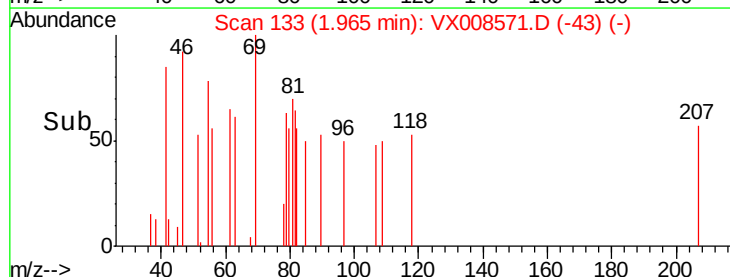
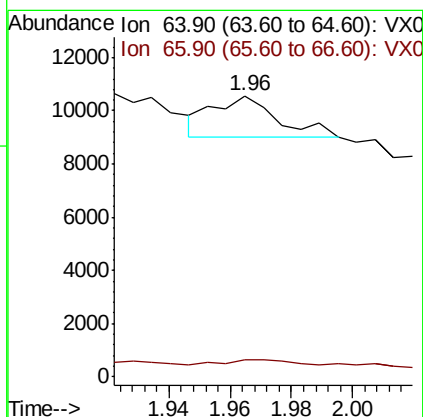
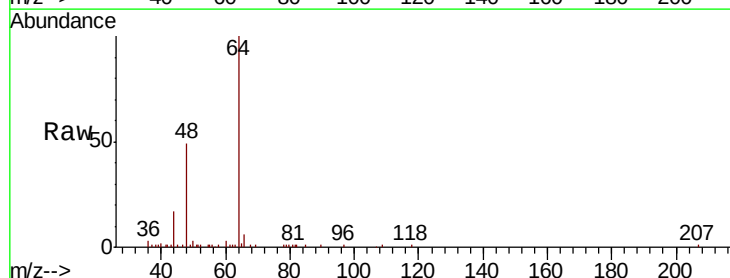
Acq: 01 Apr 2019 16:10

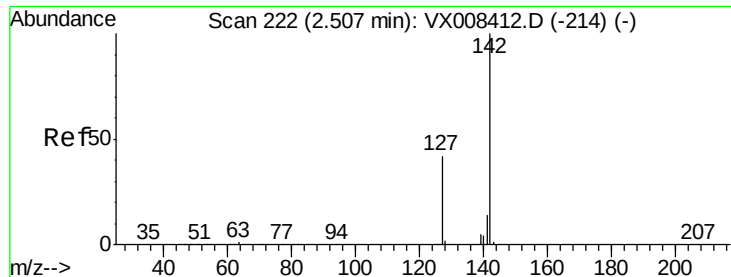
Tgt Ion: 64 Resp: 2256

Ion Ratio Lower Upper

64 100

66 10.4 25.1 37.7#

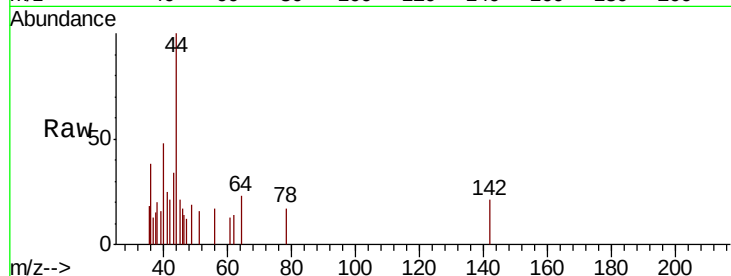




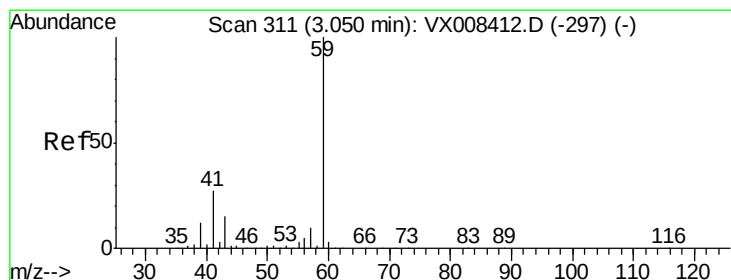
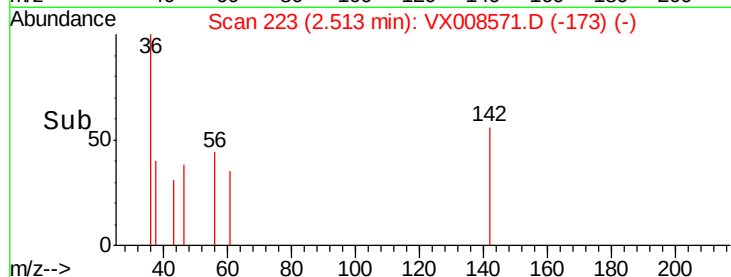
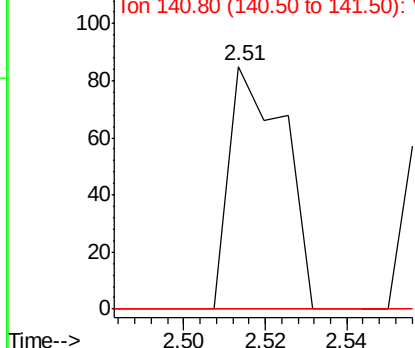
#10
Methvl Iodide
Concen: 4.160 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 80
Ion Ratio Lower Upper
142 100
127 0.0 33.6 50.4#
141 0.0 11.3 16.9#

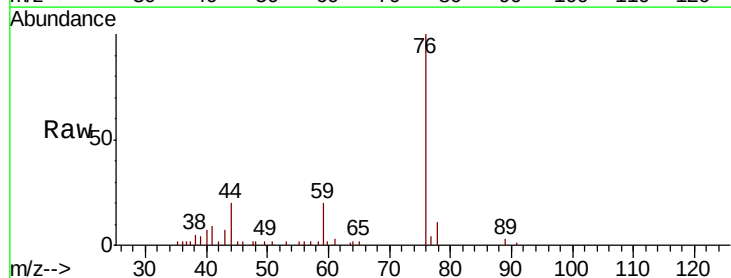


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

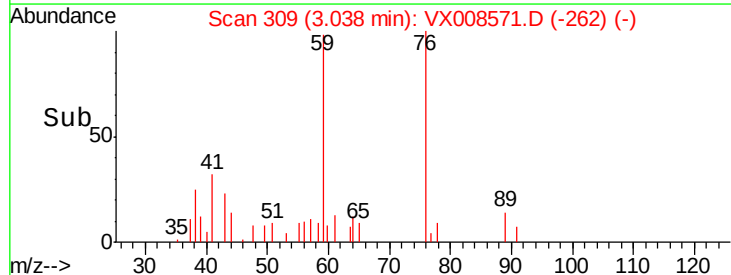
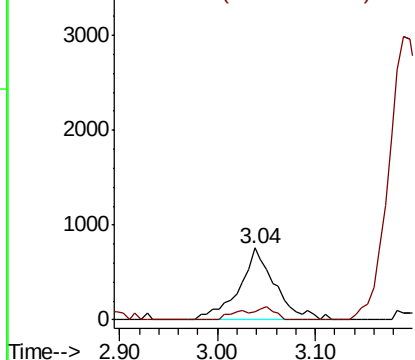


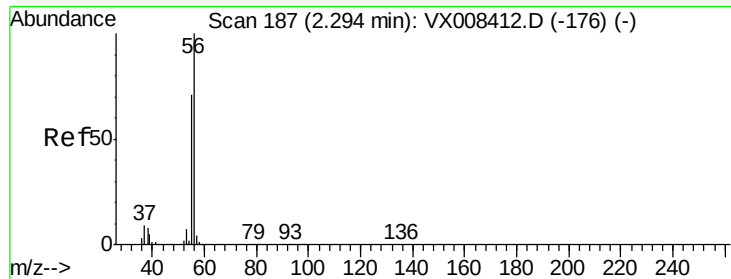
#11
Tert butyl alcohol
Concen: 2.631 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Tgt Ion: 59 Resp: 1947
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.300 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

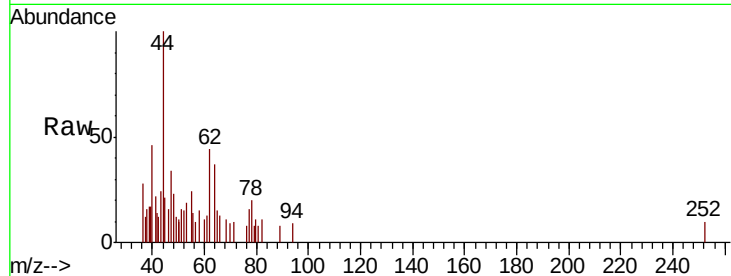
ClientSampleId :

Tot Ion: 56 Resp: 161

Ion Ratio Lower Upper

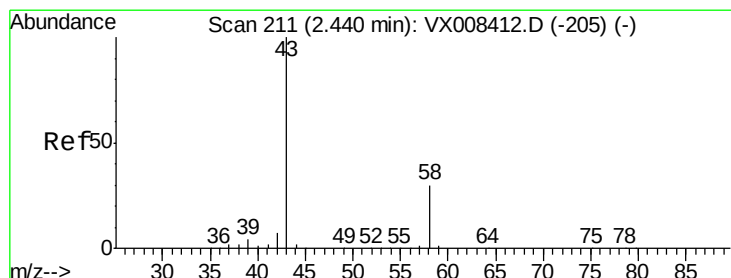
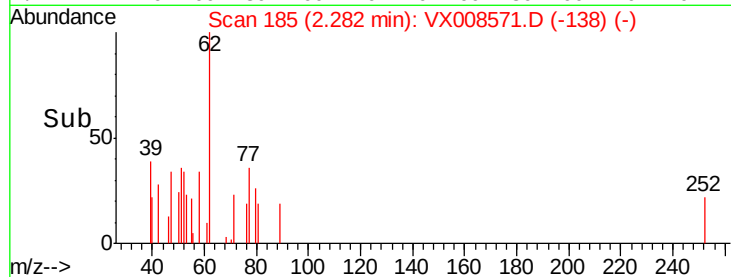
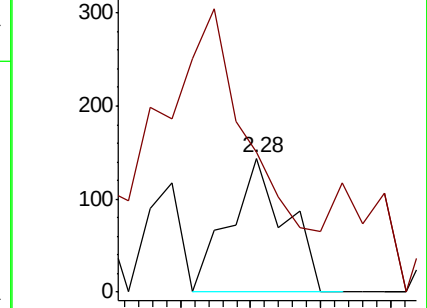
56 100

55 0.0 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 5.030 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008571.D

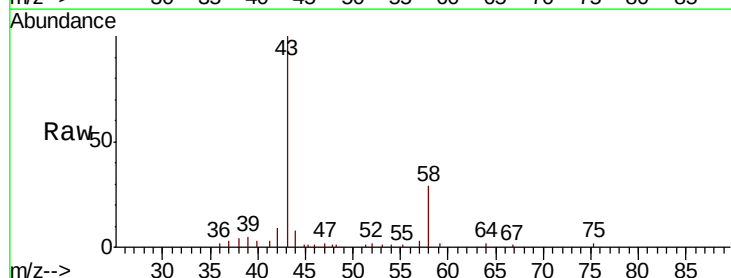
Acq: 01 Apr 2019 16:10

Tgt Ion: 43 Resp: 8781

Ion Ratio Lower Upper

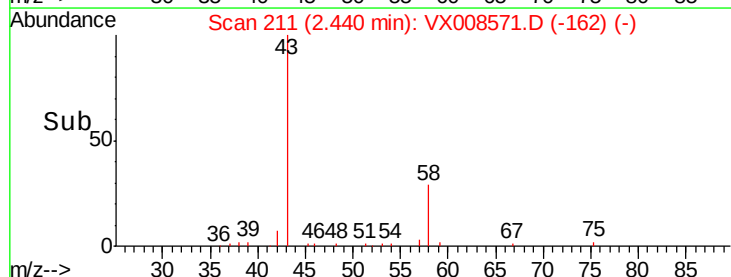
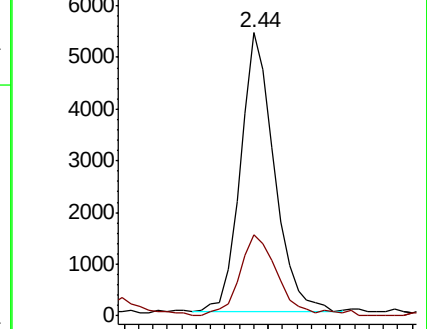
43 100

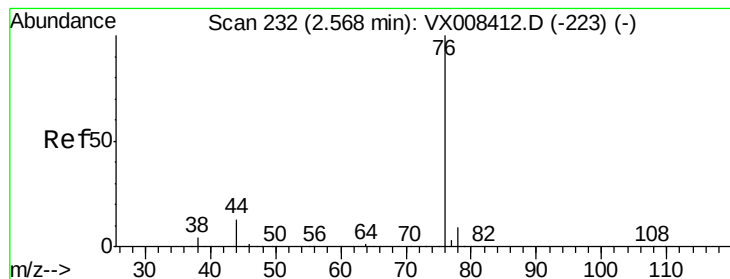
58 28.9 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.451 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

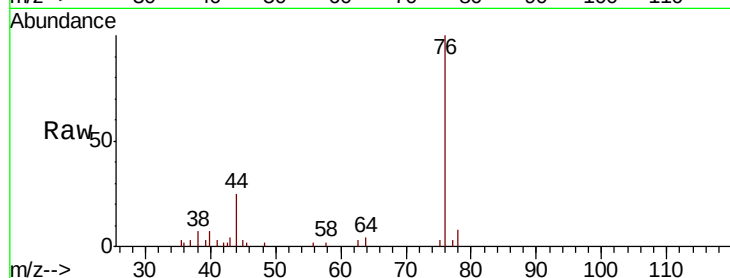
ClientSampled :

Tot Ion: 76 Resp: 6111

Ion Ratio Lower Upper

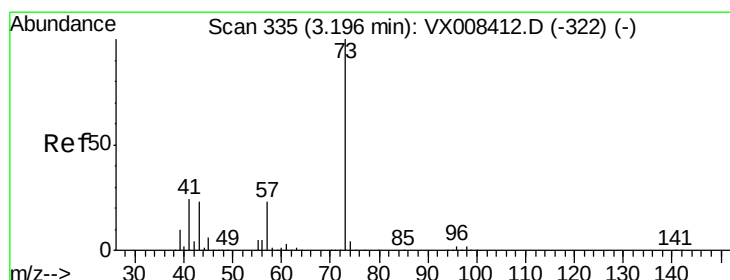
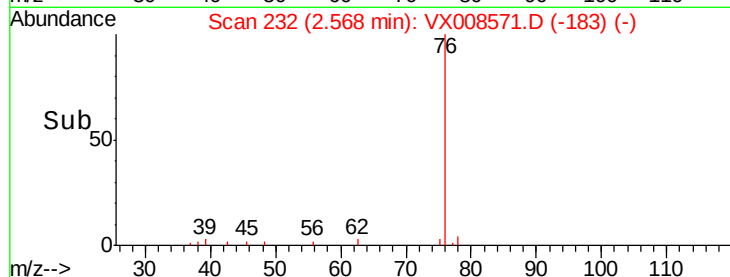
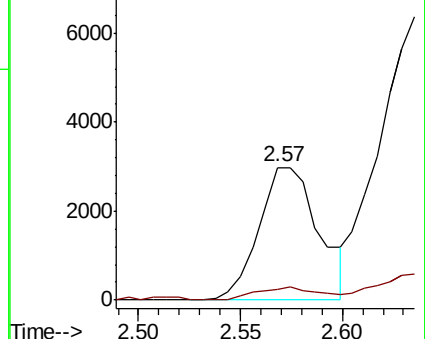
76 100

78 8.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#19

Methyl tert-butyl Ether

Concen: 3.224 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX008571.D

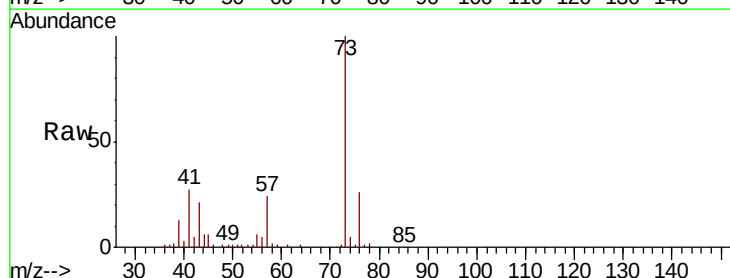
Acq: 01 Apr 2019 16:10

Tgt Ion: 73 Resp: 29775

Ion Ratio Lower Upper

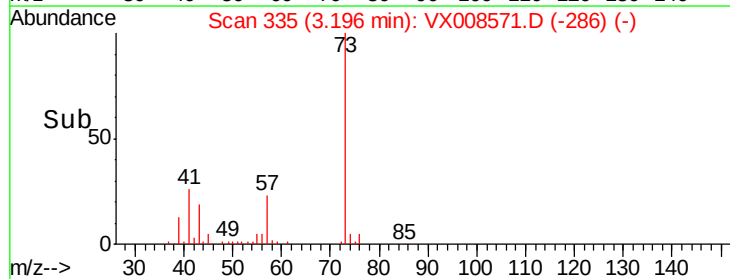
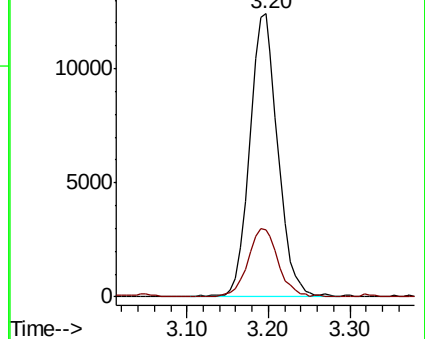
73 100

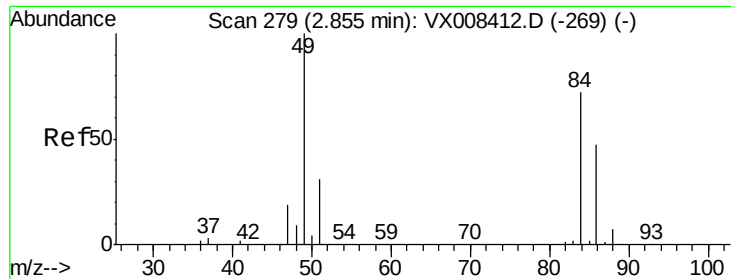
57 23.9 18.6 28.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

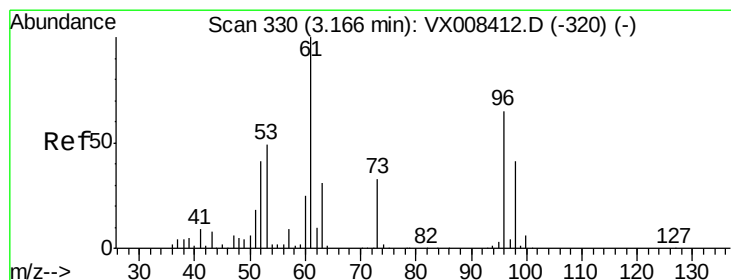
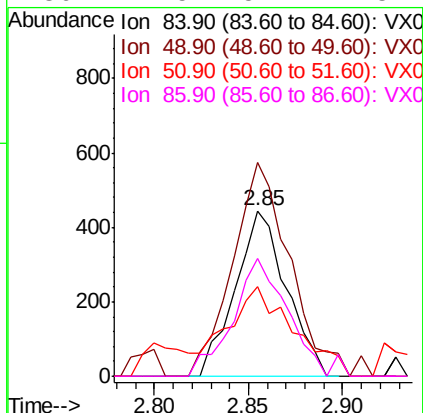
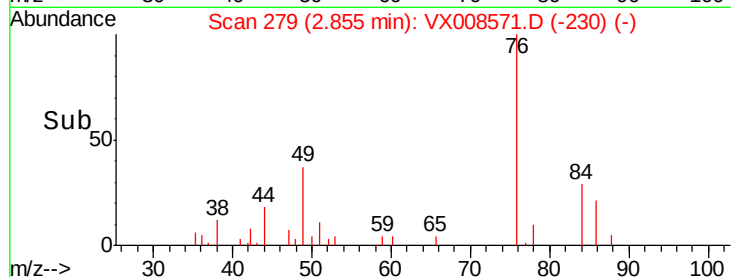
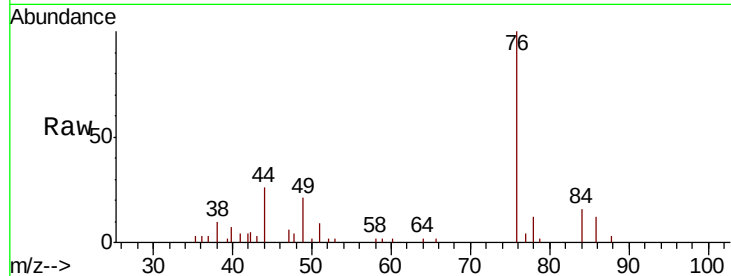




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

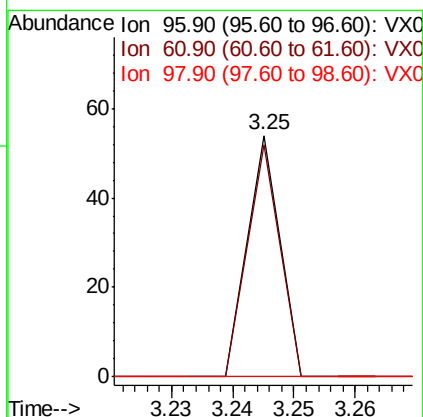
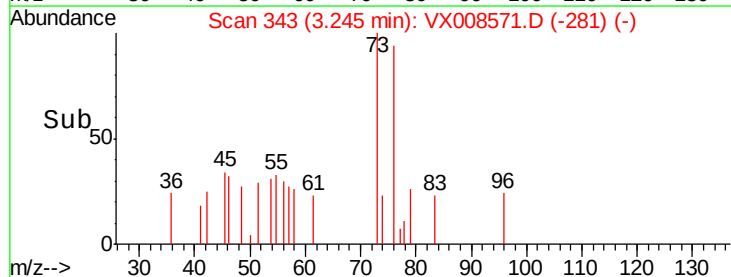
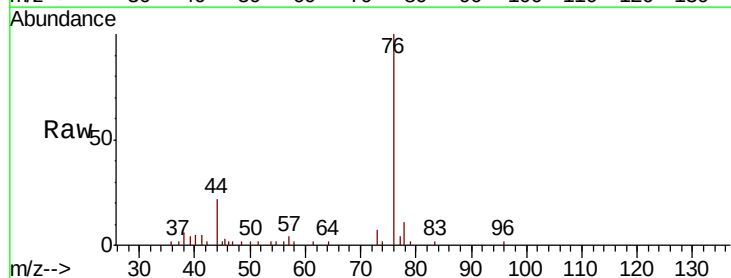
Instrument :
MSVOA_X
ClientSampled :

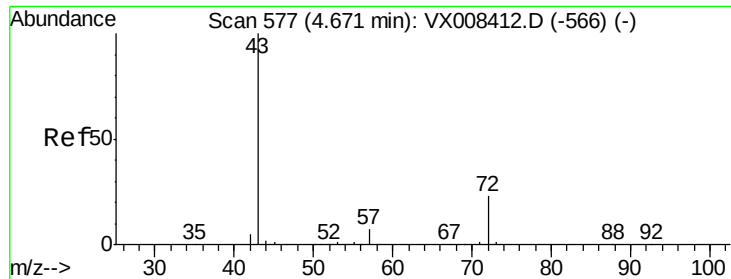
Tot Ion:	84	Resp:	832
Ion	Ratio	Lower	Upper
84	100		
49	129.0	110.6	165.8
51	42.0	33.9	50.9
86	71.5	52.2	78.2



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.25 min Scan# 343
Delta R.T. 0.08 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Tgt Ion:	96	Resp:	20
Ion	Ratio	Lower	Upper
96	100		
61	96.3	122.6	184.0#
98	0.0	50.9	76.3#





#25

2-Butanone

Concen: 0.337 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

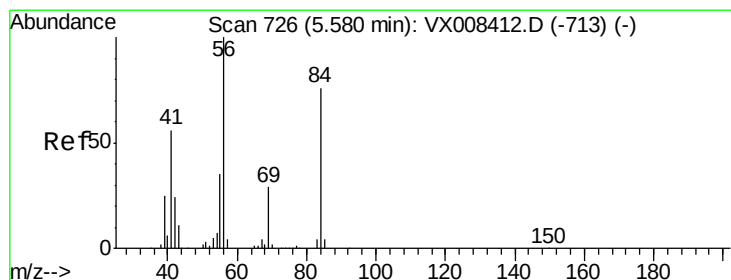
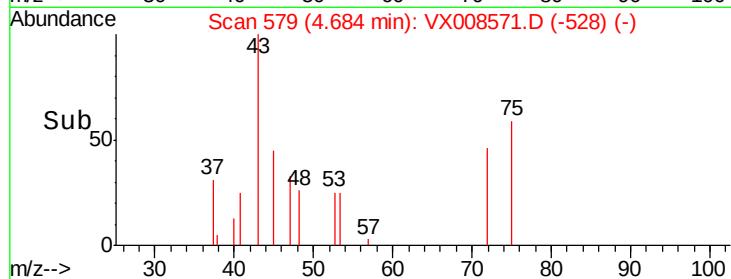
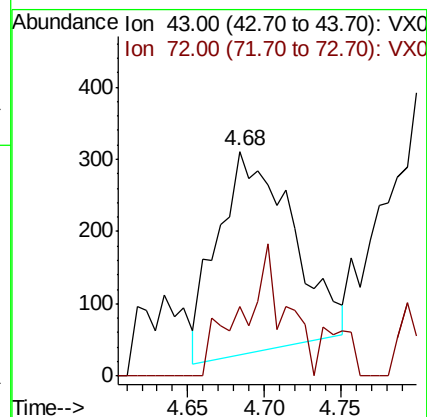
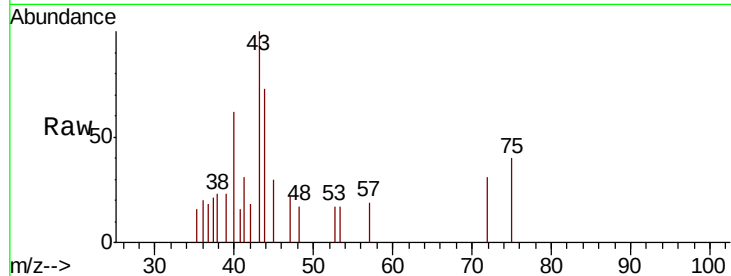
ClientSampleId :

Tot Ion: 43 Resp: 942

Ion Ratio Lower Upper

43 100

72 38.7 18.6 28.0#



#31

Cyclohexane

Concen: 0.363 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

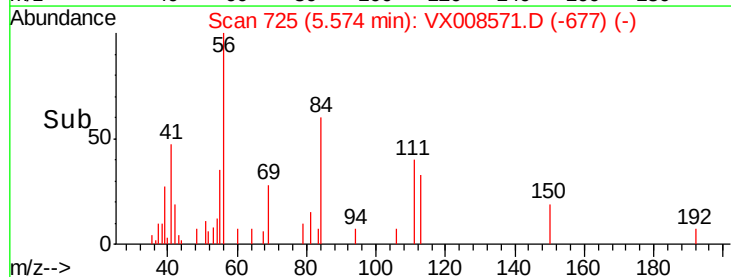
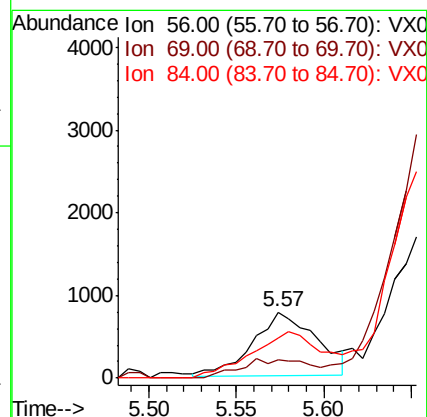
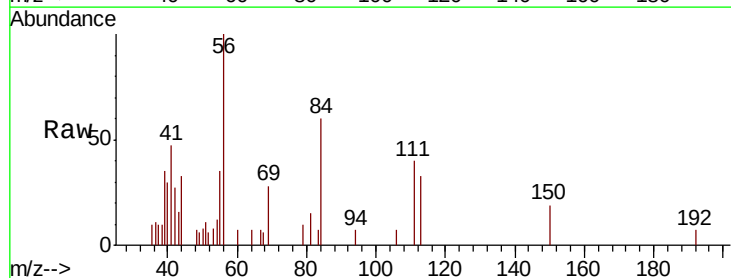
Tgt Ion: 56 Resp: 1941

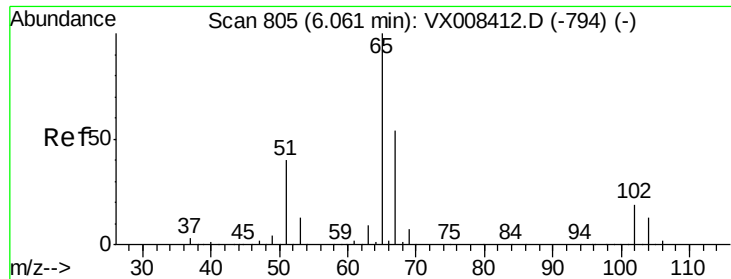
Ion Ratio Lower Upper

56 100

69 30.4 23.2 34.8

84 64.3 60.7 91.1

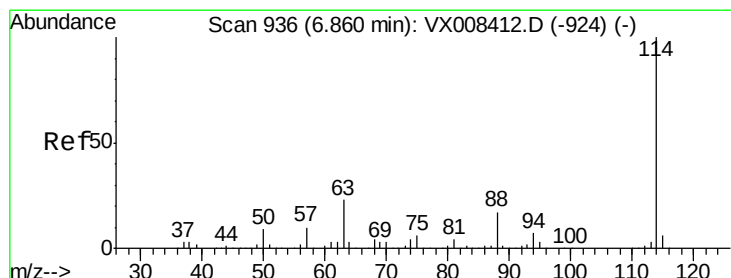
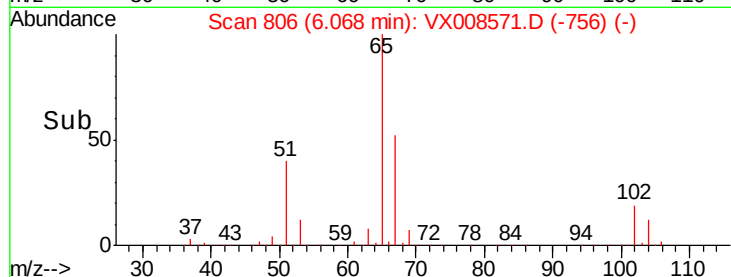
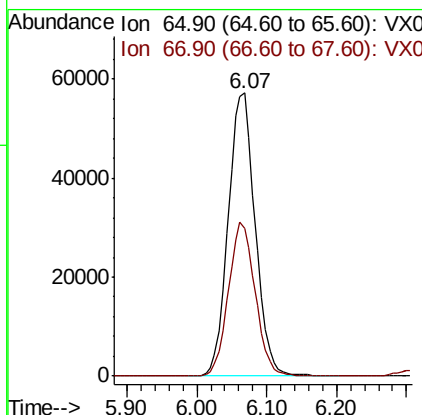
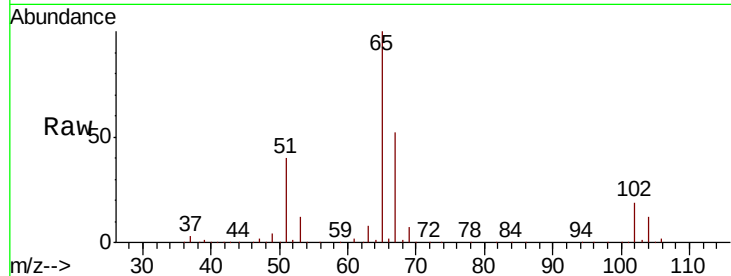




#33
 1,2-Dichloroethane-d4
 Concen: 45.871 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX008571.D
 Acq: 01 Apr 2019 16:10

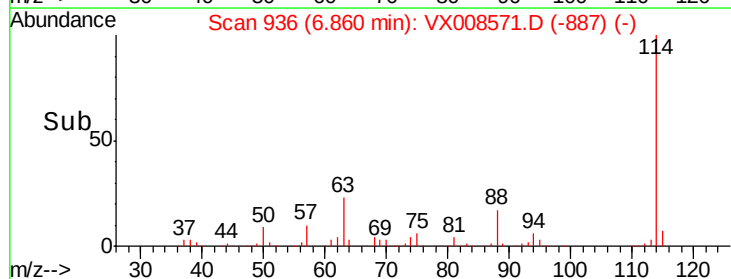
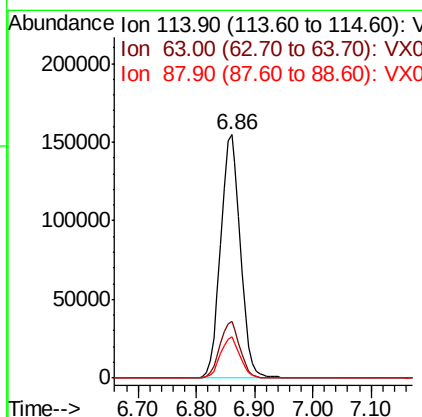
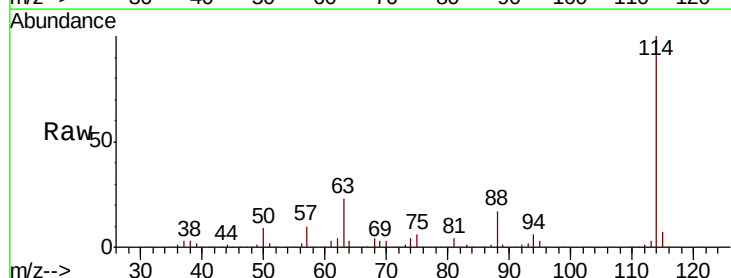
Instrument :
 MSVOA_X
 ClientSampleId :

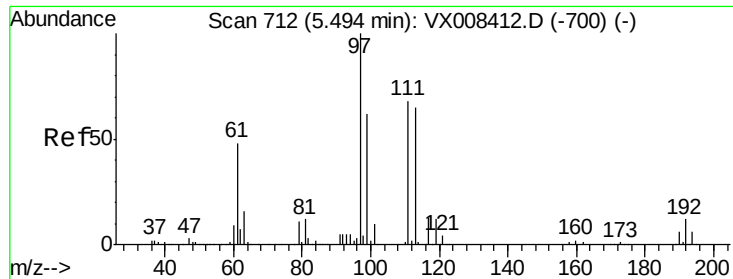
Tot Ion: 65 Resp: 153214
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008571.D
 Acq: 01 Apr 2019 16:10

Tgt Ion: 114 Resp: 364423
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.4
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.638 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampled :

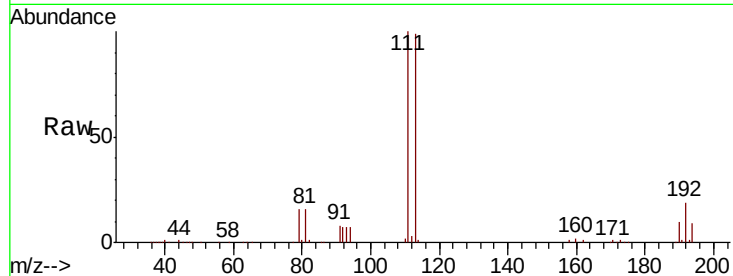
Tot Ion:113 Resp: 113198

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

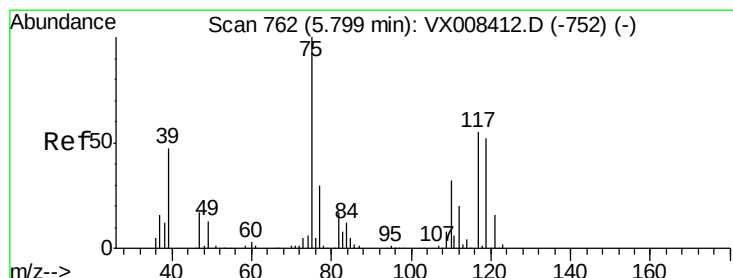
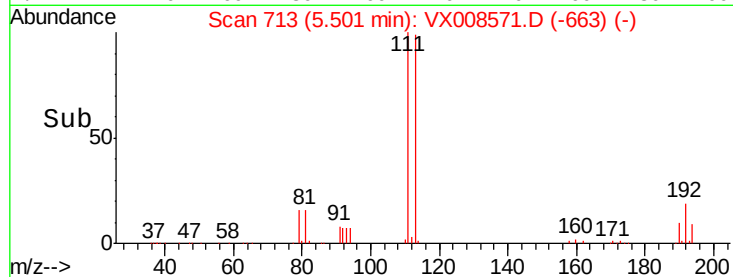
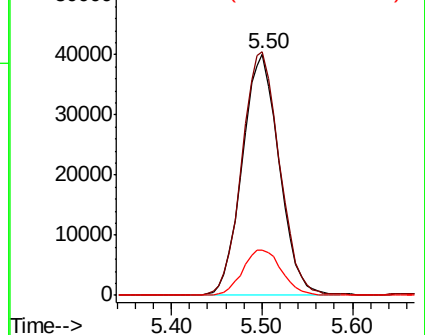
192 20.0 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.760 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

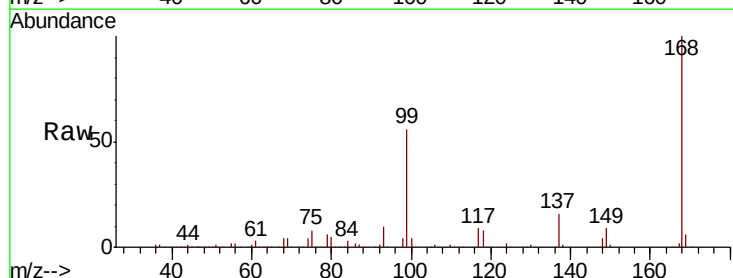
Tgt Ion: 75 Resp: 18494

Ion Ratio Lower Upper

75 100

110 8.8 16.6 49.7#

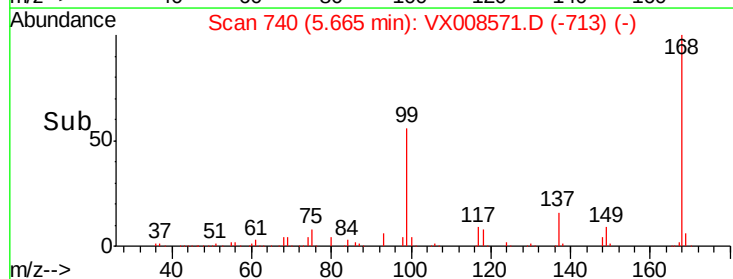
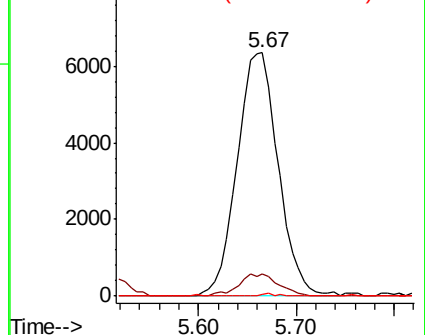
77 0.0 24.2 36.2#

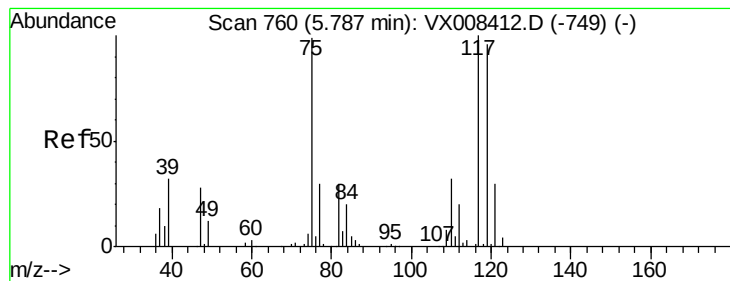


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.445 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

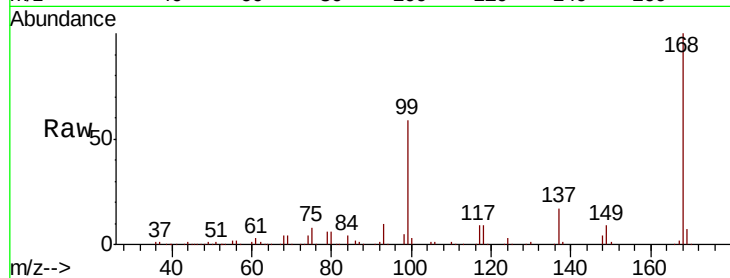
Tot Ion:117 Resp: 20898

Ion Ratio Lower Upper

117 100

119 5.0 76.7 115.1#

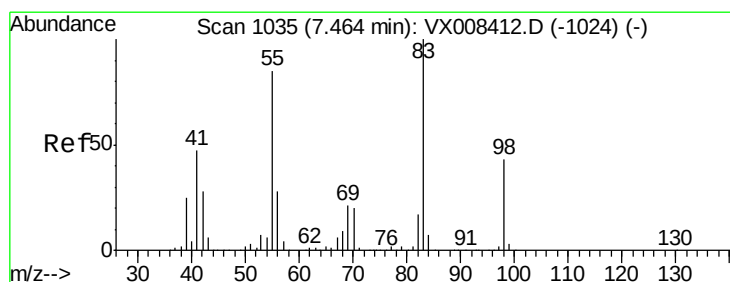
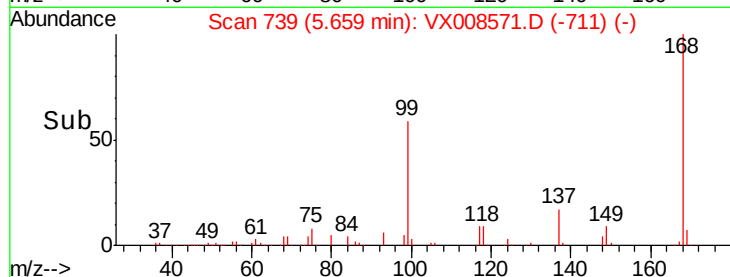
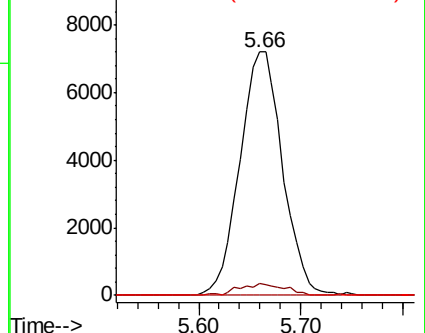
121 0.0 24.3 36.5#



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: 0.402 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

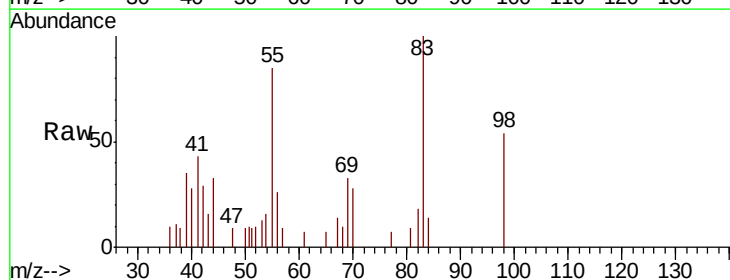
Tgt Ion: 83 Resp: 1867

Ion Ratio Lower Upper

83 100

55 84.5 68.2 102.4

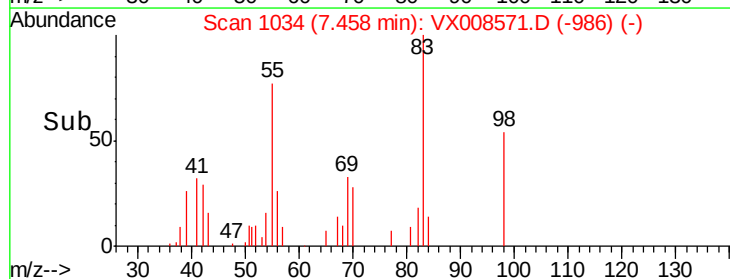
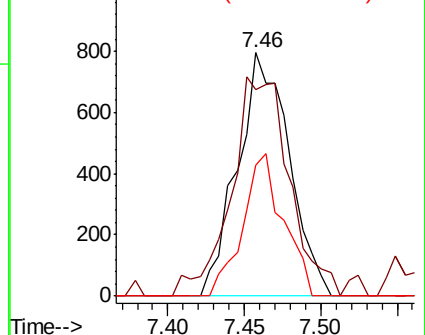
98 53.8 34.2 51.4#

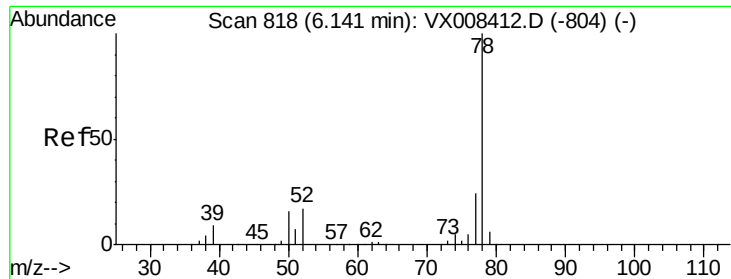


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 434.540 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

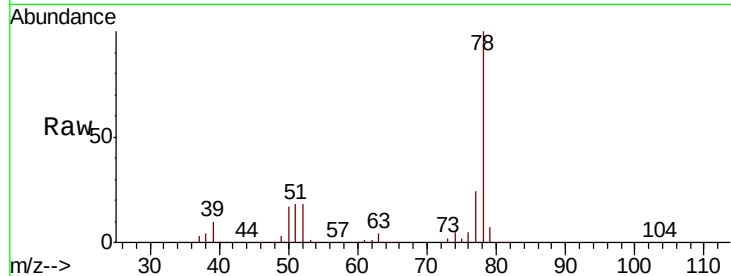
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 5054747

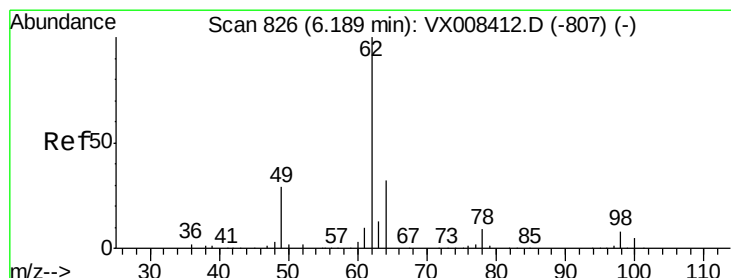
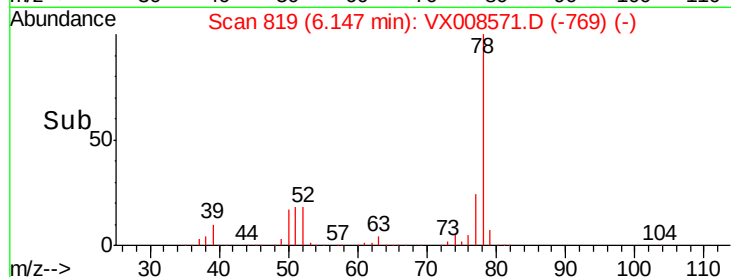
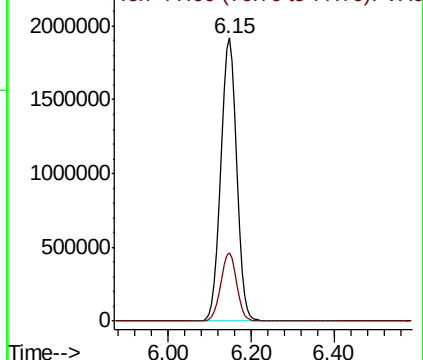
Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 9.970 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.04 min

Lab File: VX008571.D

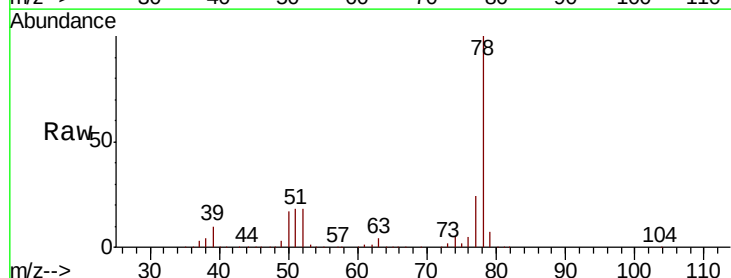
Acq: 01 Apr 2019 16:10

Tgt Ion: 62 Resp: 42464

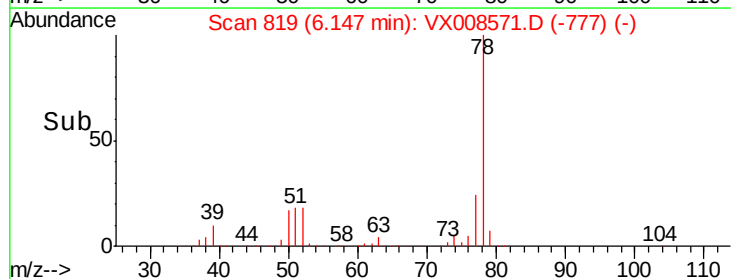
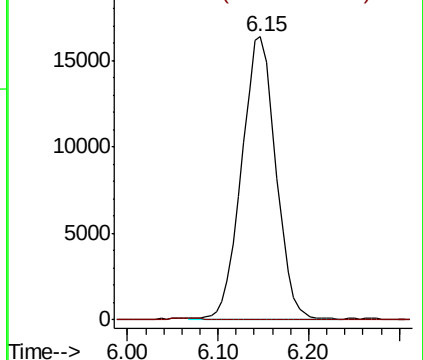
Ion Ratio Lower Upper

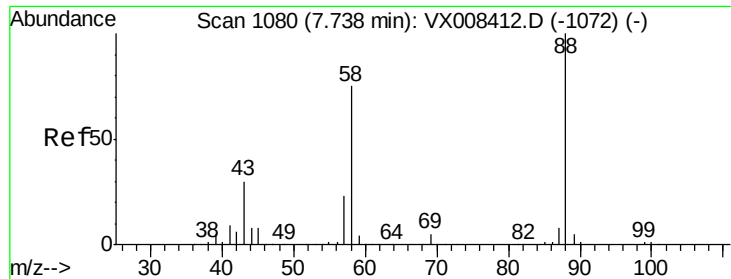
62 100

98 0.0 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#49

1,4-Dioxane

Concen: 20.424 ug/l

RT: 7.74 min Scan# 1081

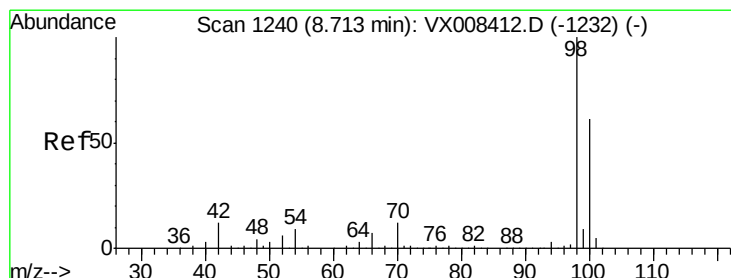
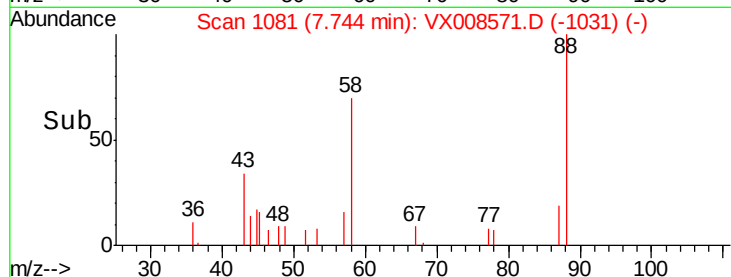
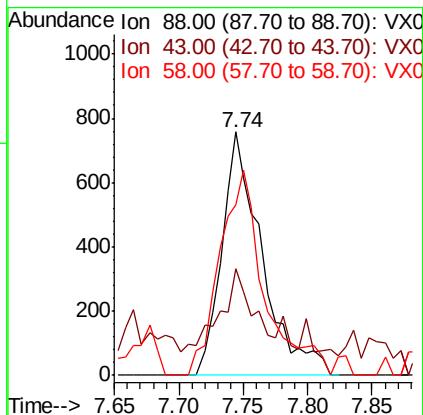
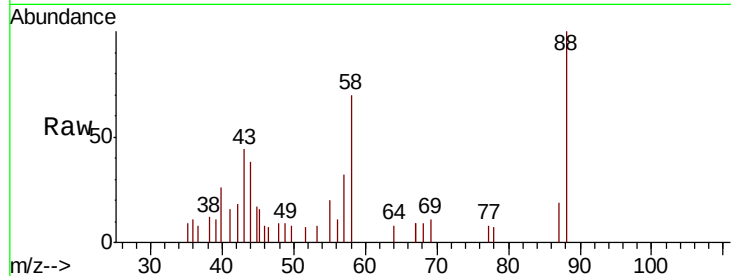
Delta R.T. 0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	88	Resp:	1636
Ion	Ratio	Lower	Upper
88	100		
43	28.1	28.6	43.0#
58	94.3	63.0	94.4



#50

Toluene-d8

Concen: 48.079 ug/l

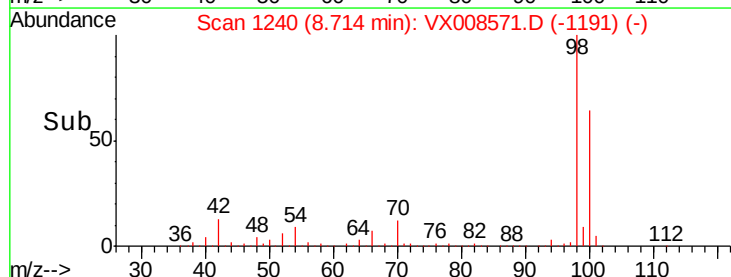
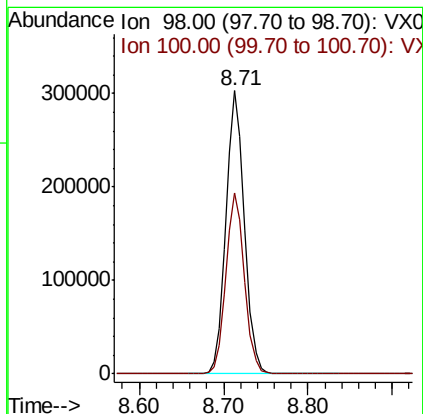
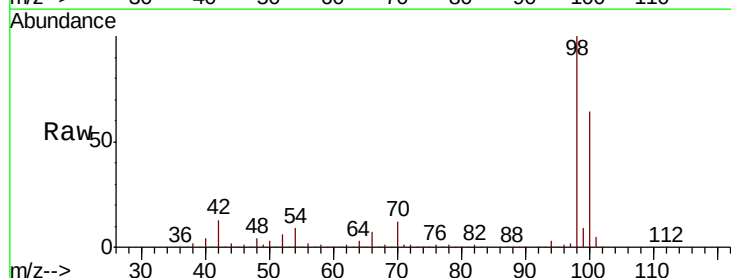
RT: 8.71 min Scan# 1240

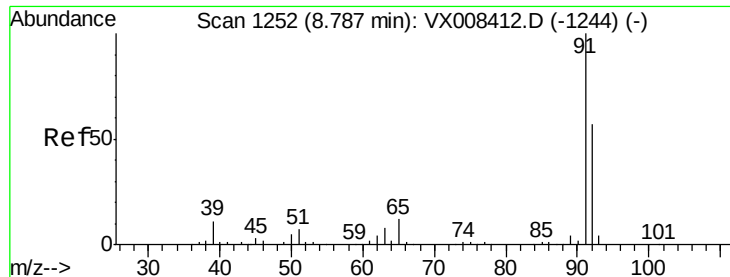
Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Tgt Ion:	98	Resp:	456825
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7





#52

Toluene

Concen: 3.455 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

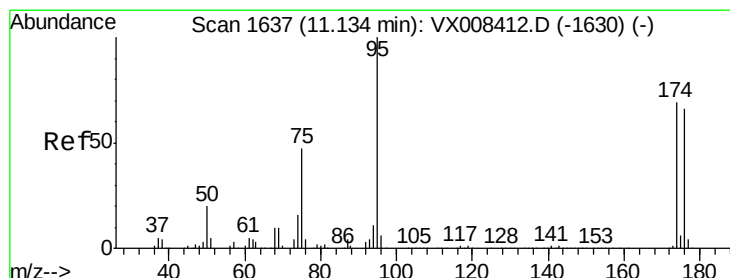
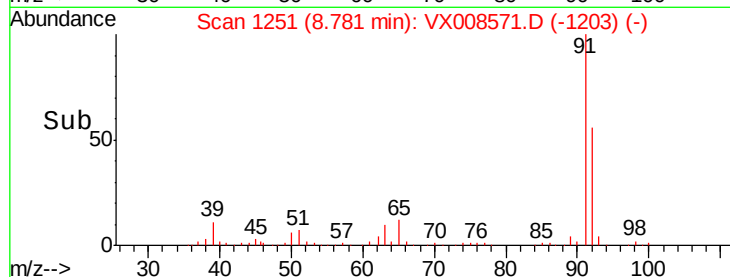
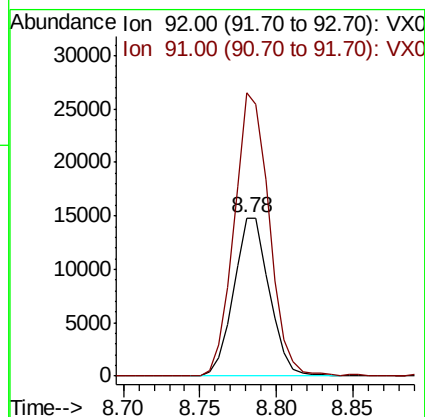
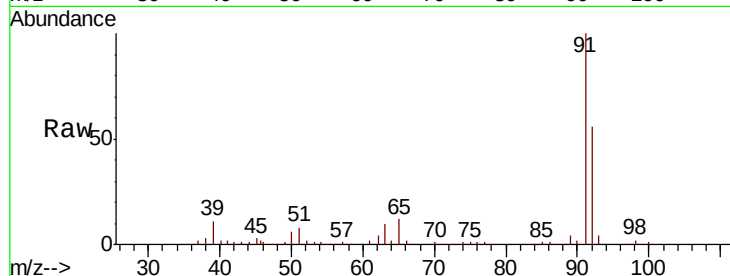
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 24030

Ion Ratio Lower Upper

92 100

91 175.3 140.2 210.4



#62

4-Bromofluorobenzene

Concen: 44.594 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

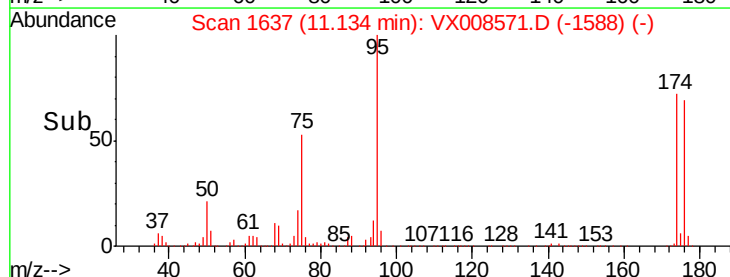
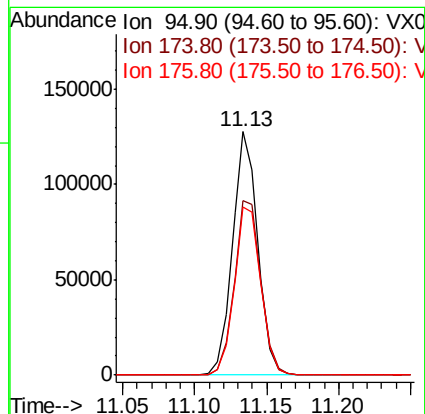
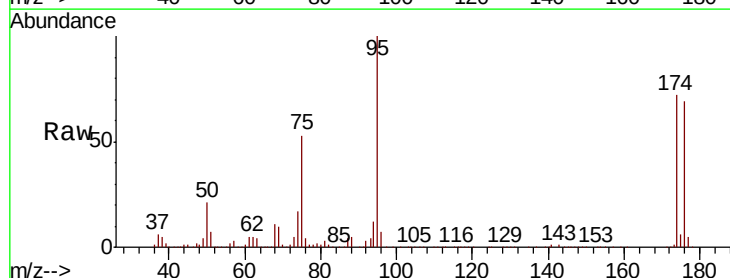
Tgt Ion: 95 Resp: 157009

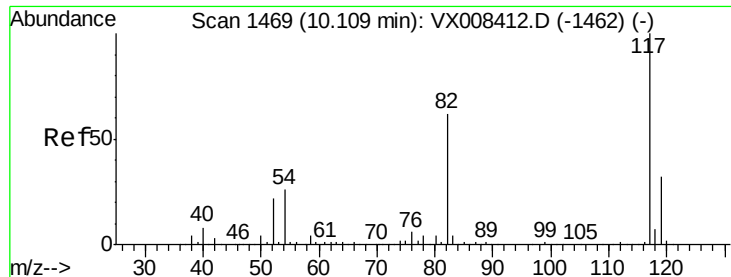
Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.2

176 72.4 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

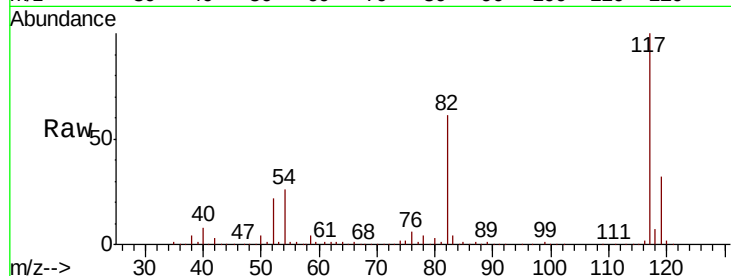
Tot Ion:117 Resp: 312968

Ion Ratio Lower Upper

117 100

82 60.8 49.4 74.2

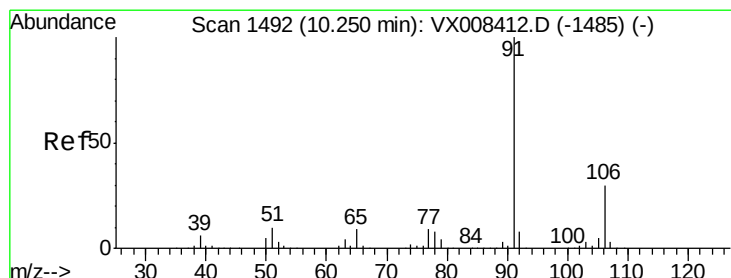
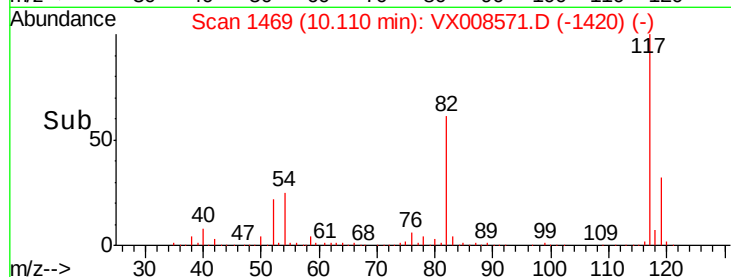
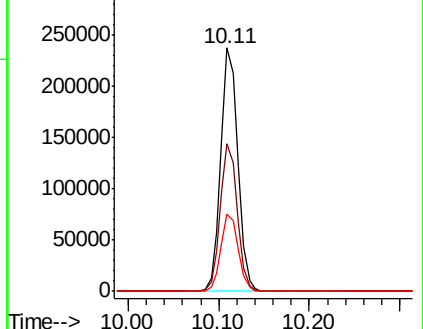
119 31.6 25.4 38.0



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: 60.144 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008571.D

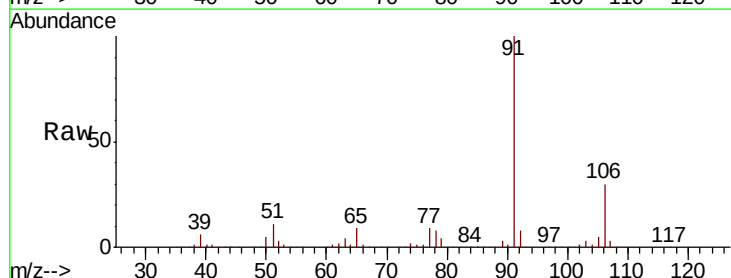
Acq: 01 Apr 2019 16:10

Tgt Ion: 91 Resp: 772552

Ion Ratio Lower Upper

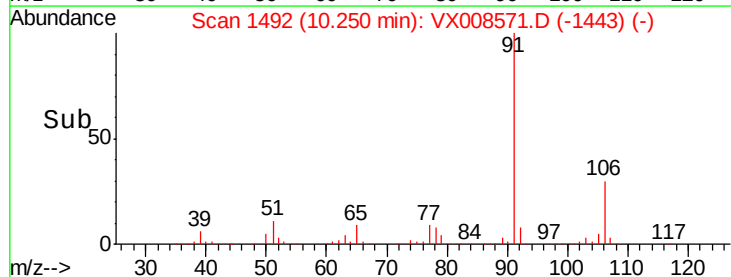
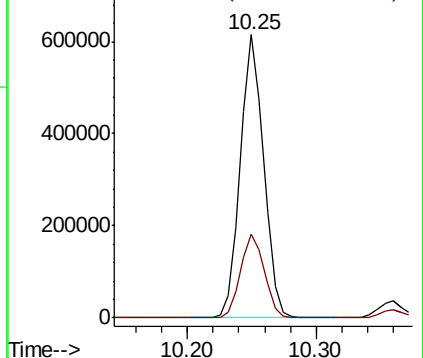
91 100

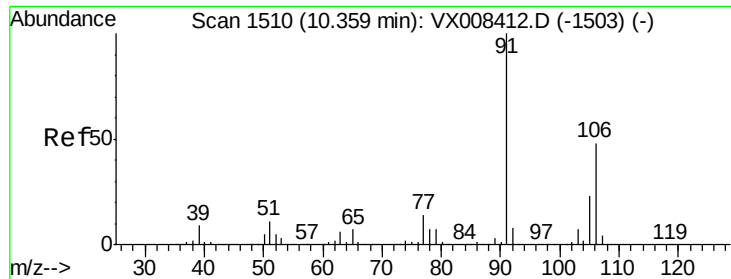
106 29.7 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 4.884 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

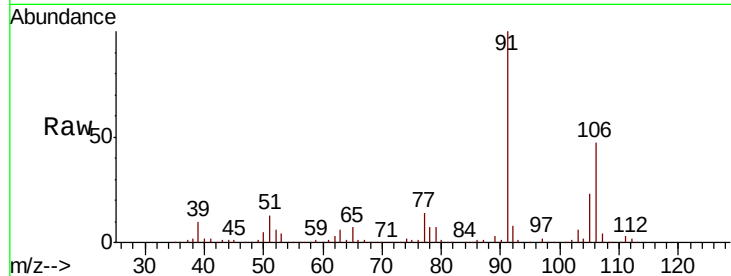
ClientSampleId :

Tot Ion:106 Resp: 22821

Ion Ratio Lower Upper

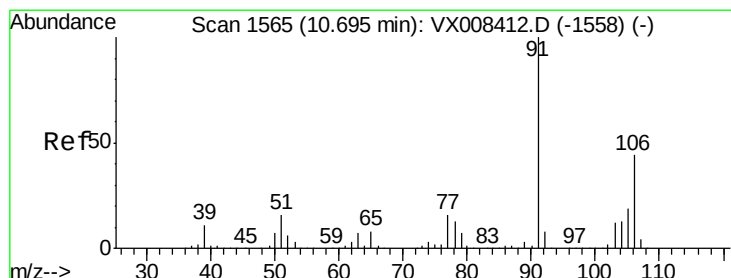
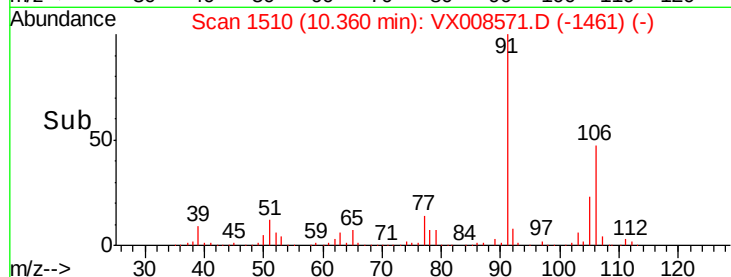
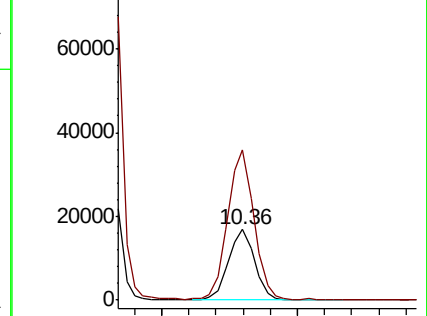
106 100

91 208.0 168.6 253.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 7.530 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX008571.D

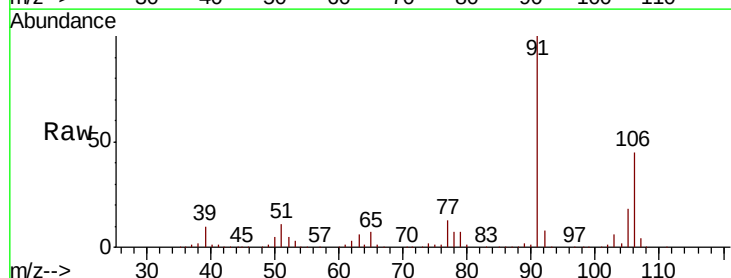
Acq: 01 Apr 2019 16:10

Tgt Ion:106 Resp: 34147

Ion Ratio Lower Upper

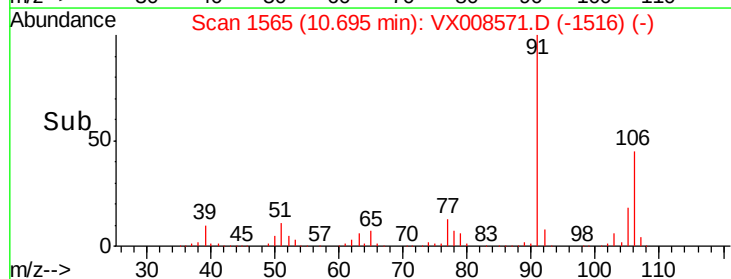
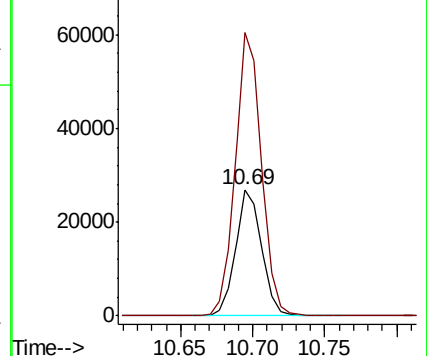
106 100

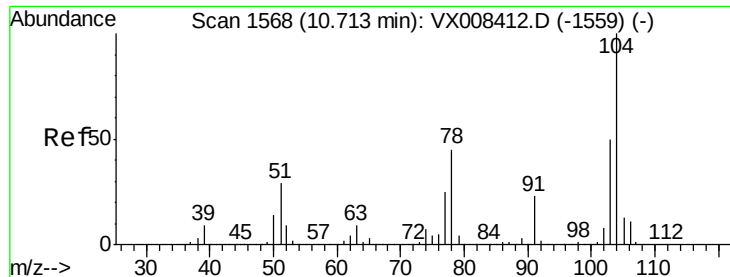
91 226.8 111.4 334.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 0.316 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.02 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampled :

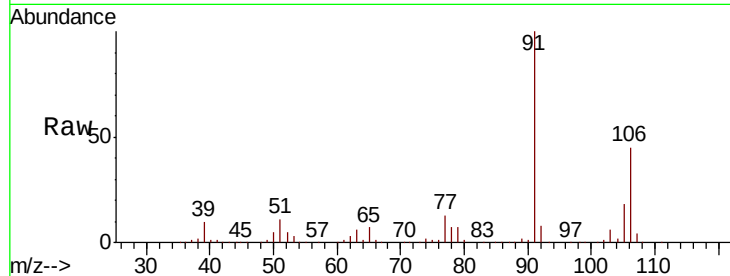
Tot Ion:104 Resp: 2474

Ion Ratio Lower Upper

104 100

78 246.5 42.5 63.7#

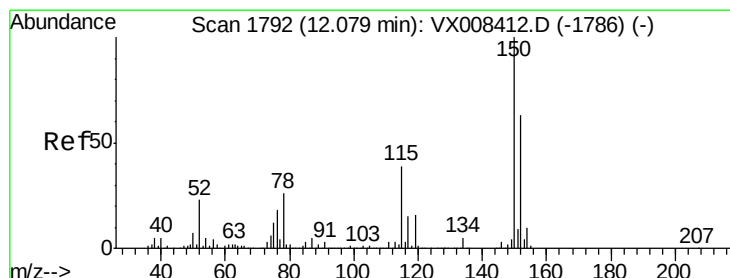
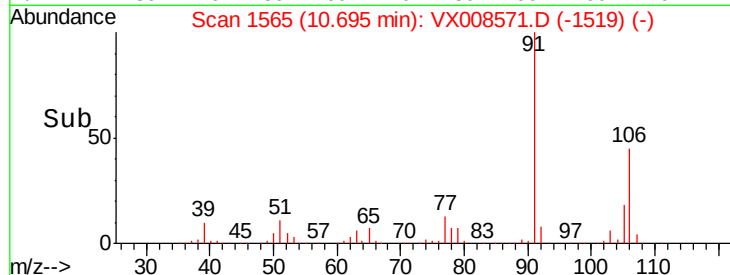
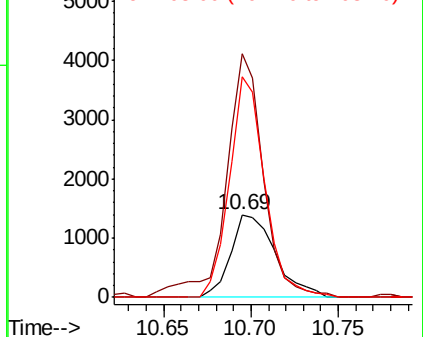
103 212.2 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

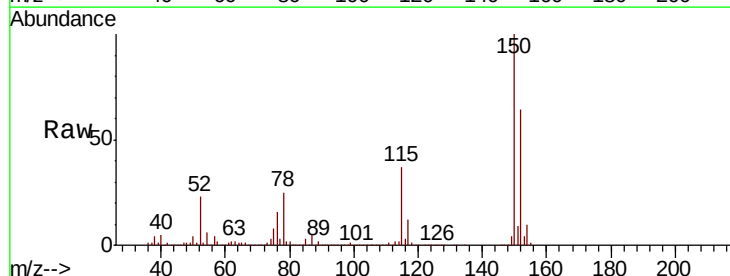
Tgt Ion:152 Resp: 135446

Ion Ratio Lower Upper

152 100

115 61.6 43.5 130.5

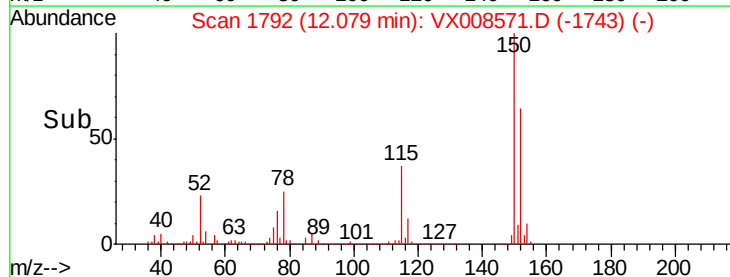
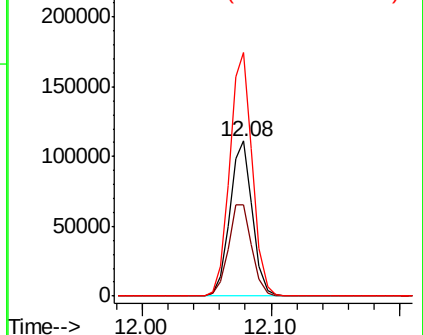
150 158.0 0.0 348.8

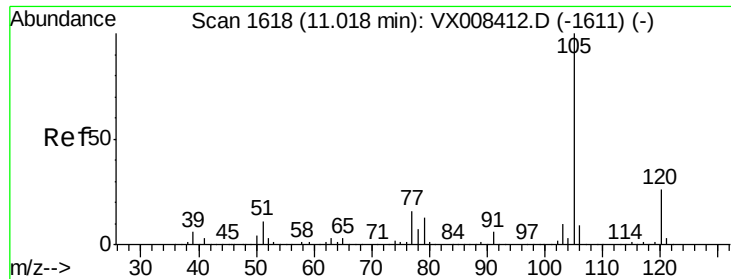


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.875 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

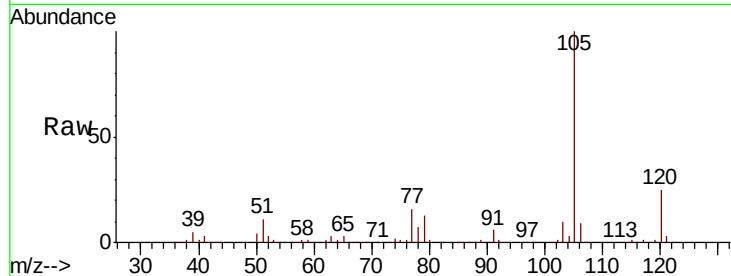
ClientSampled :

Tot Ion:105 Resp: 119830

Ion Ratio Lower Upper

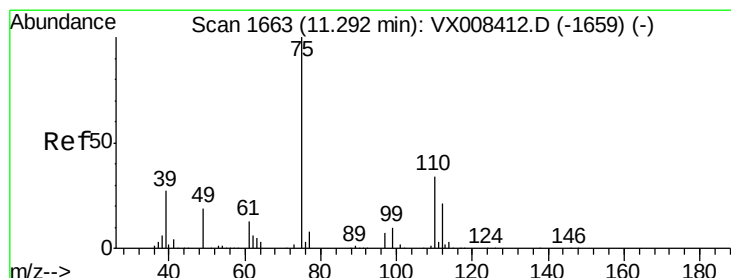
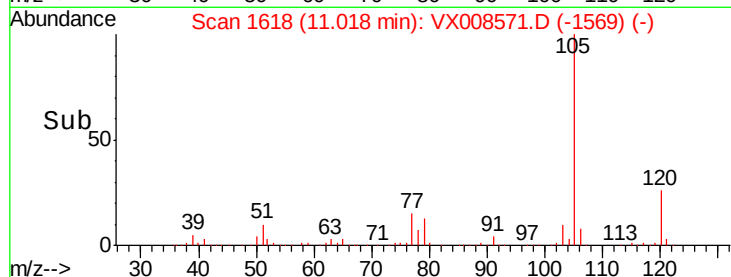
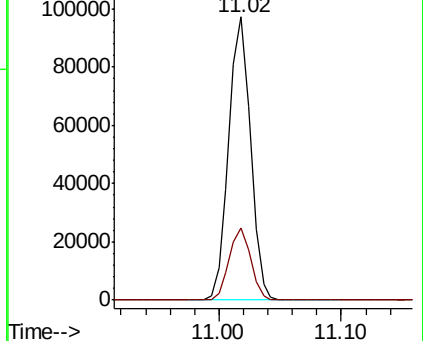
105 100

120 25.3 12.9 38.7



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: 20.134 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008571.D

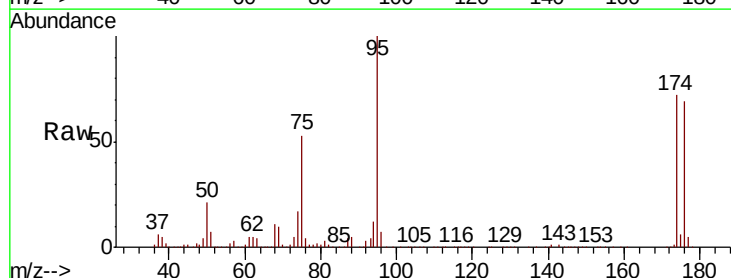
Acq: 01 Apr 2019 16:10

Tgt Ion: 75 Resp: 81072

Ion Ratio Lower Upper

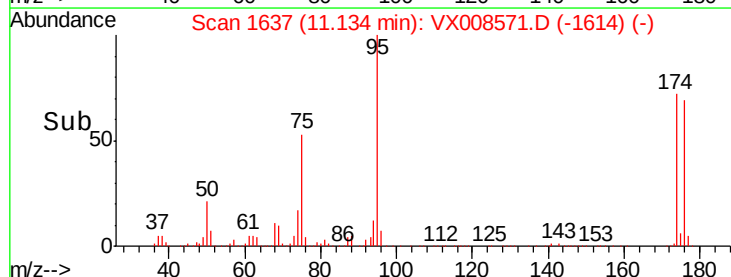
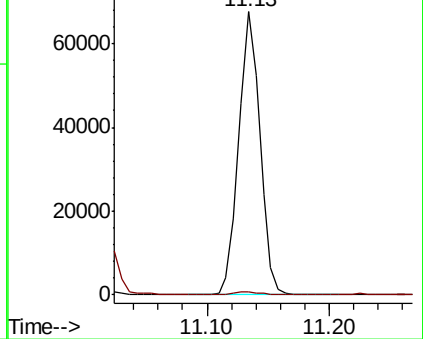
75 100

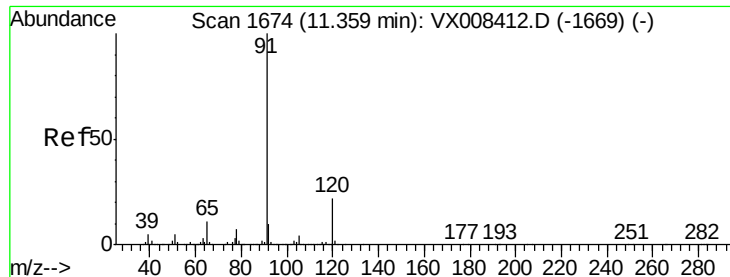
77 1.3 21.9 65.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 2.497 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

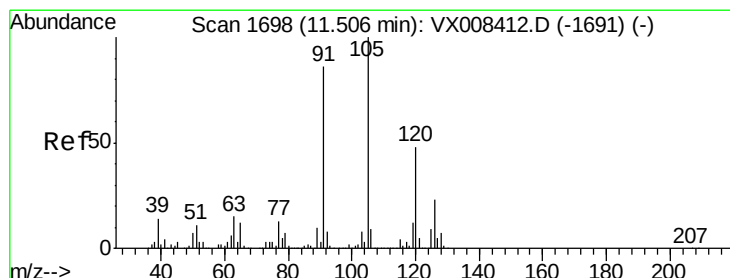
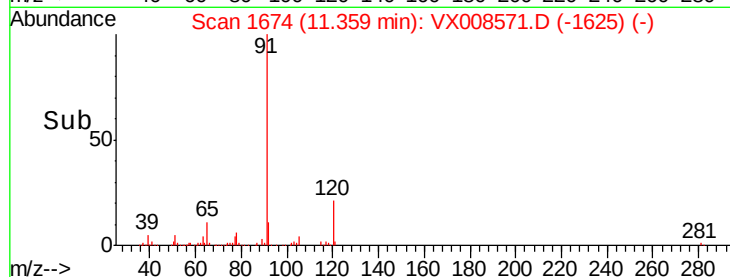
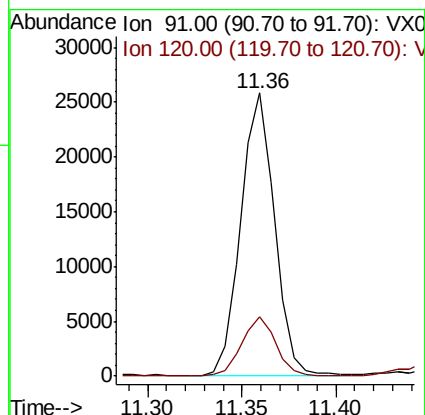
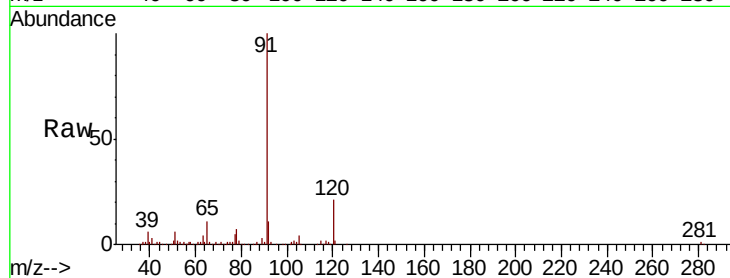
ClientSampleId :

Tot Ion: 91 Resp: 32226

Ion Ratio Lower Upper

91 100

120 21.0 10.8 32.4



#80

1,3,5-Trimethylbenzene

Concen: 0.315 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008571.D

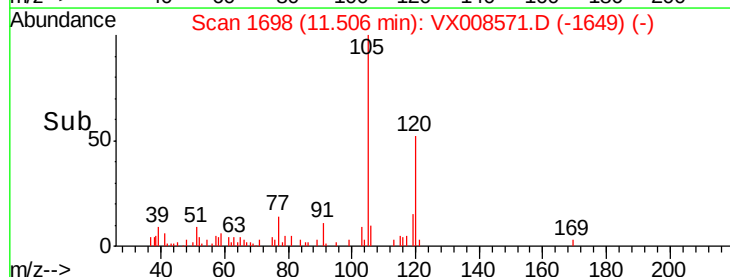
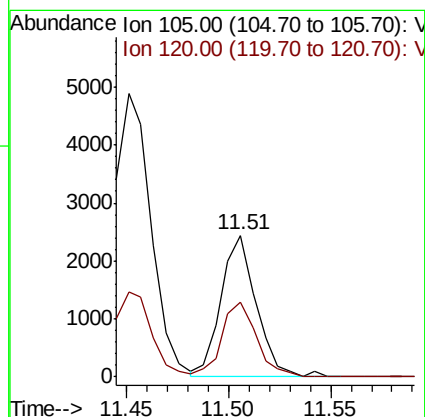
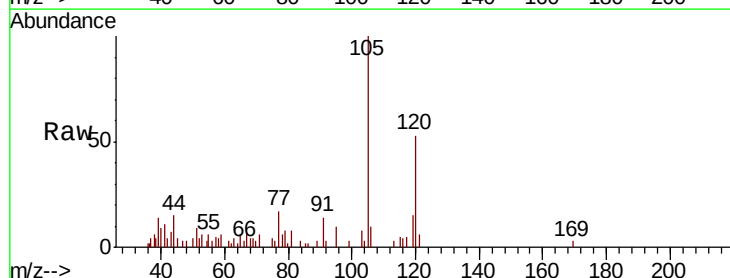
Acq: 01 Apr 2019 16:10

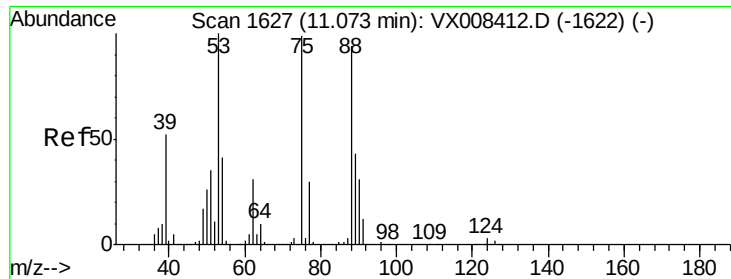
Tgt Ion: 105 Resp: 2937

Ion Ratio Lower Upper

105 100

120 52.1 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 64.485 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampled :

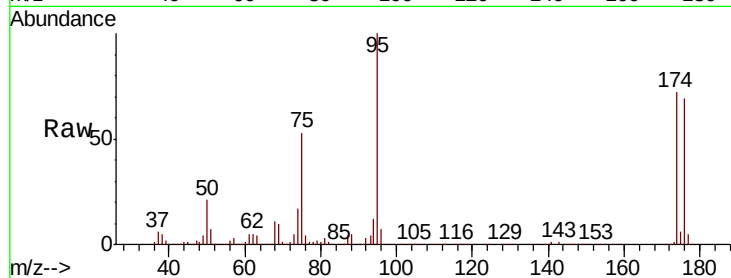
Tot Ion: 75 Resp: 81072

Ion Ratio Lower Upper

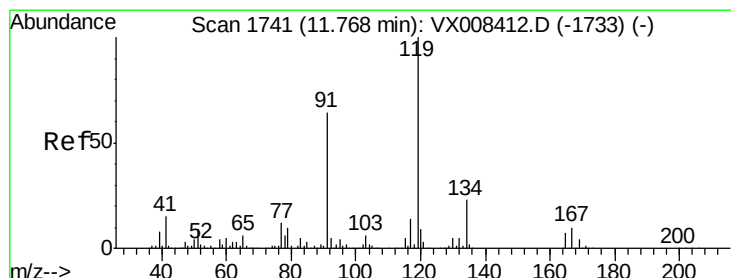
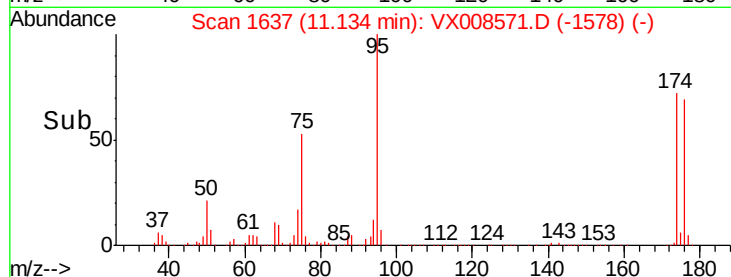
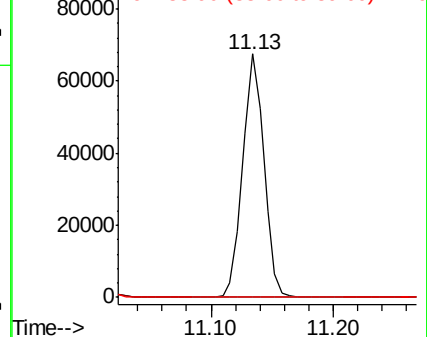
75 100

53 0.2 82.1 123.1#

89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#83

tert-Butylbenzene

Concen: 0.238 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.26 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

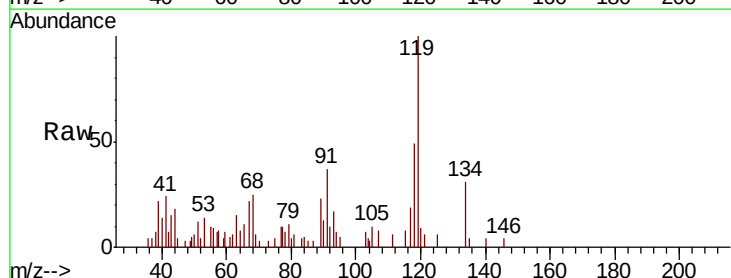
Tgt Ion: 119 Resp: 2137

Ion Ratio Lower Upper

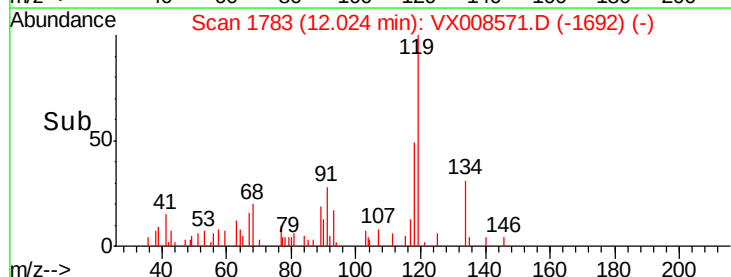
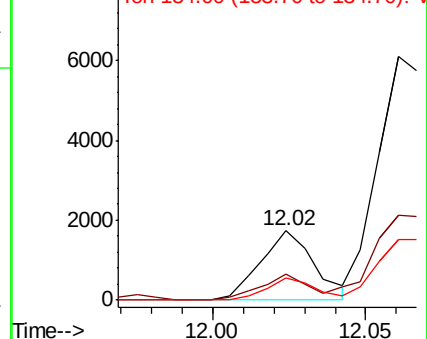
119 100

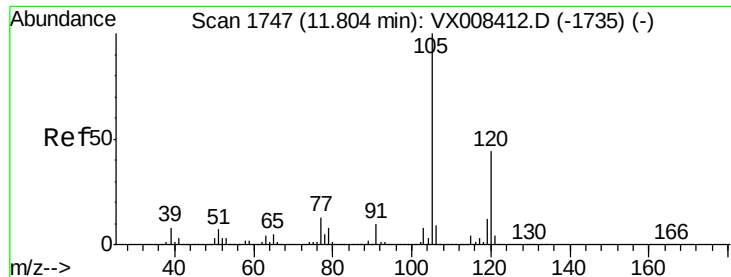
91 33.1 30.1 90.3

134 28.5 10.9 32.9



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: 6.582 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

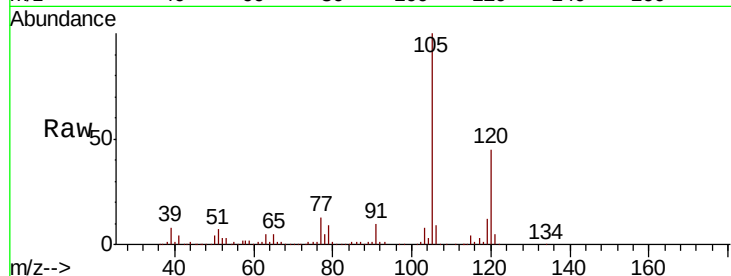
ClientSampleId :

Tot Ion:105 Resp: 62019

Ion Ratio Lower Upper

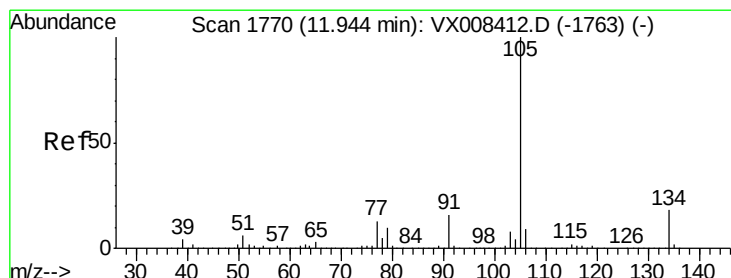
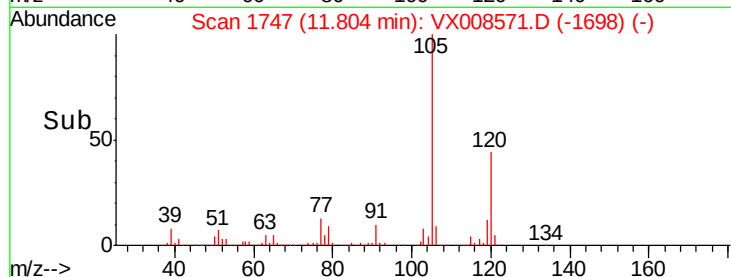
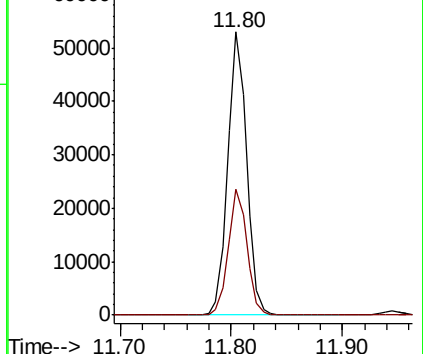
105 100

120 44.1 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 5.794 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX008571.D

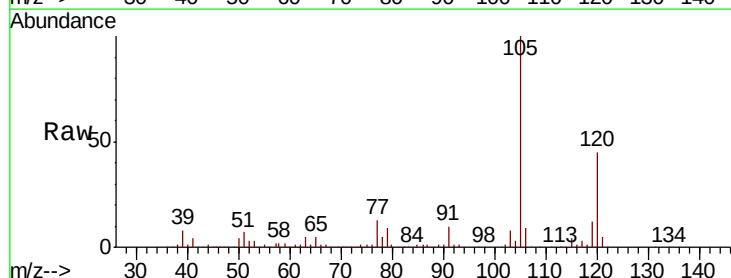
Acq: 01 Apr 2019 16:10

Tgt Ion:105 Resp: 62019

Ion Ratio Lower Upper

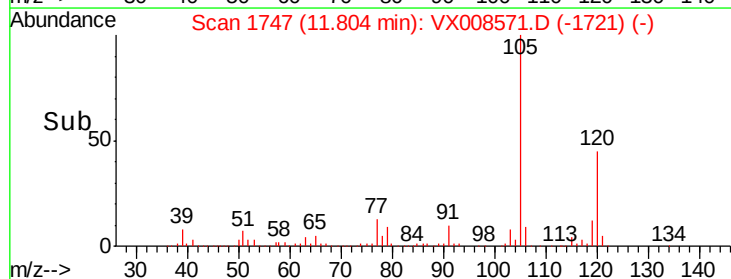
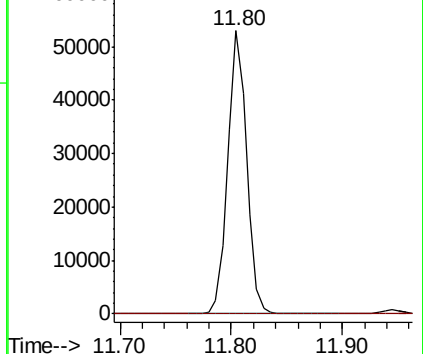
105 100

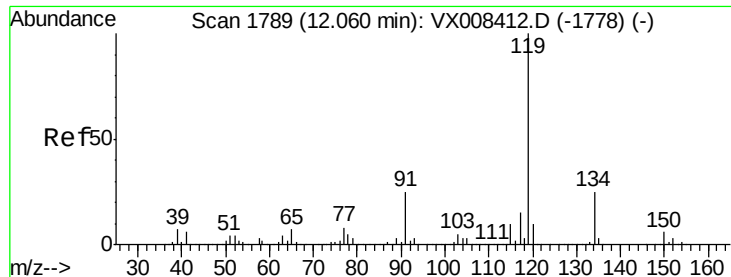
134 0.1 9.3 28.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

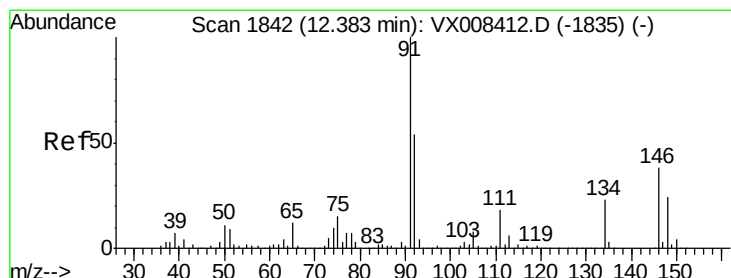
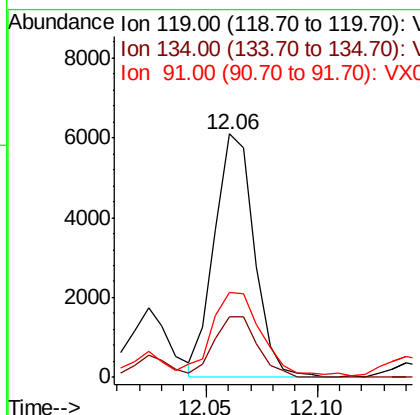
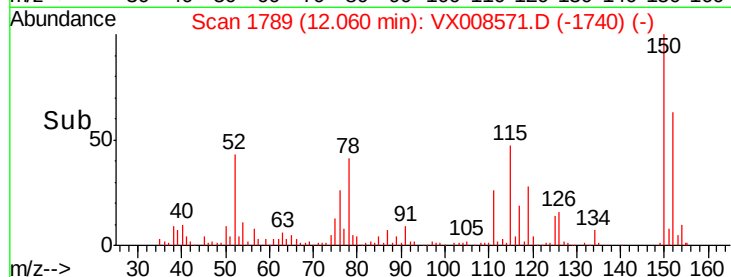
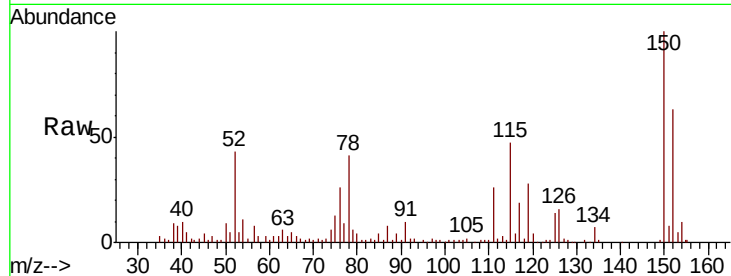




#86
p-Isopropyltoluene
Concen: 0.803 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

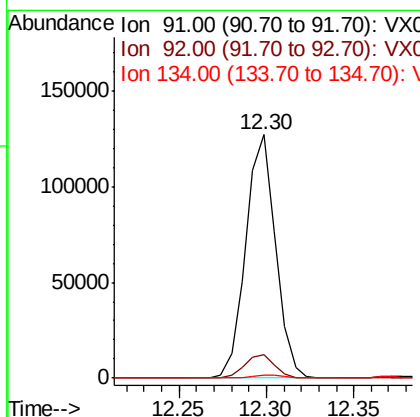
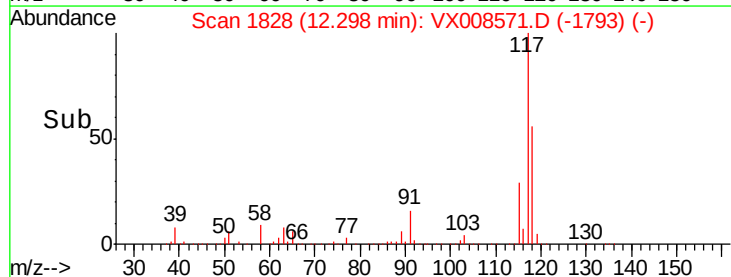
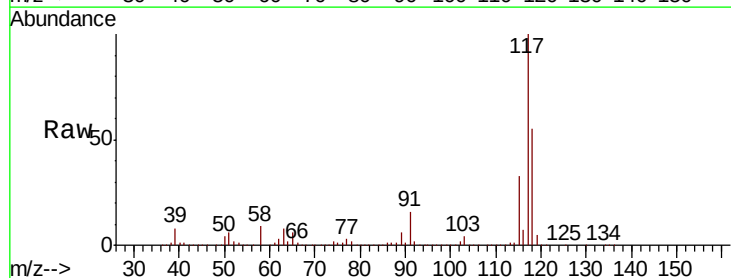
Instrument :
MSVOA_X
ClientSampleId :

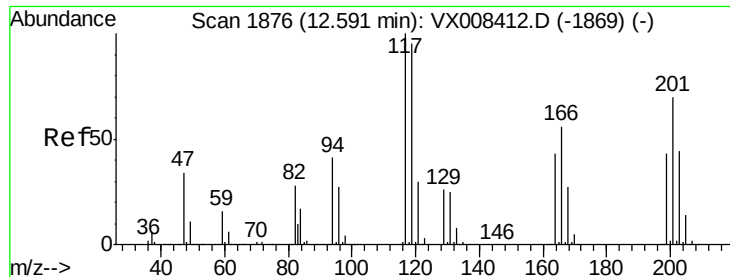
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.3	12.8	38.4
91	0.0	12.4	37.0#



#89
n-Butylbenzene
Concen: 16.781 ug/l
RT: 12.30 min Scan# 1828
Delta R.T. -0.09 min
Lab File: VX008571.D
Acq: 01 Apr 2019 16:10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	10.0	26.5	79.5#
134	1.2	11.8	35.4#





#90

Hexachloroethane

Concen: 48.534 ug/l

RT: 12.76 min Scan# 1903

Delta R.T. 0.16 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

Instrument :

MSVOA_X

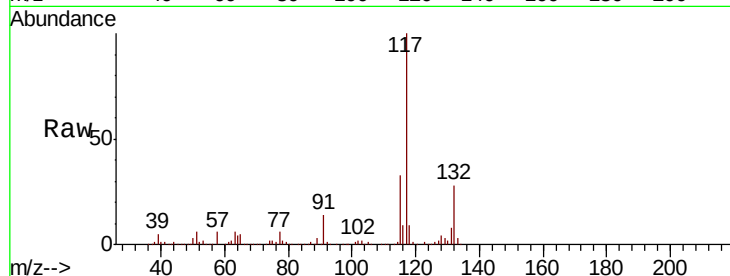
ClientSampleId :

Tot Ion:117 Resp: 76365

Ion Ratio Lower Upper

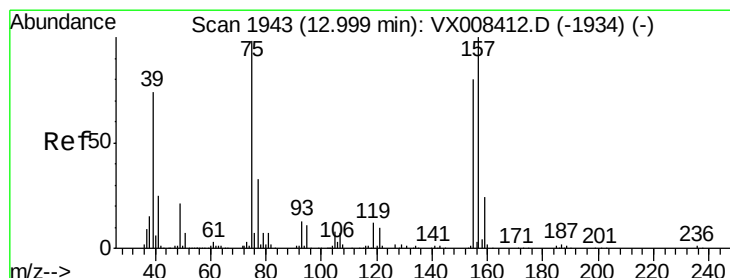
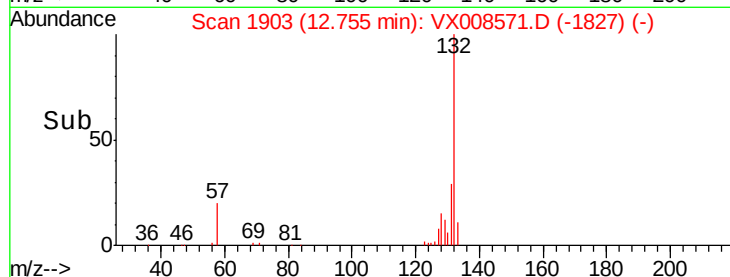
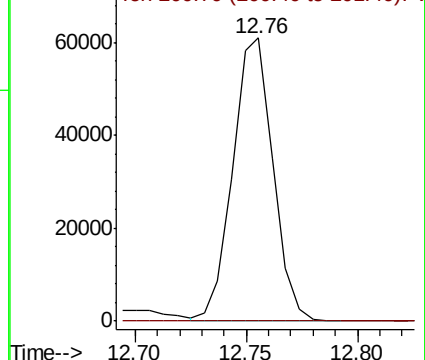
117 100

201 0.0 39.4 118.1#



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: 20.150 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX008571.D

Acq: 01 Apr 2019 16:10

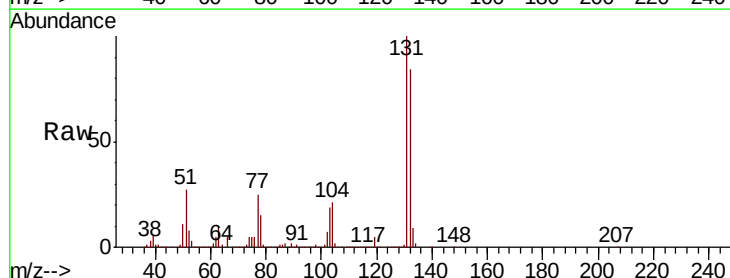
Tgt Ion: 75 Resp: 18784

Ion Ratio Lower Upper

75 100

155 0.0 39.5 118.5#

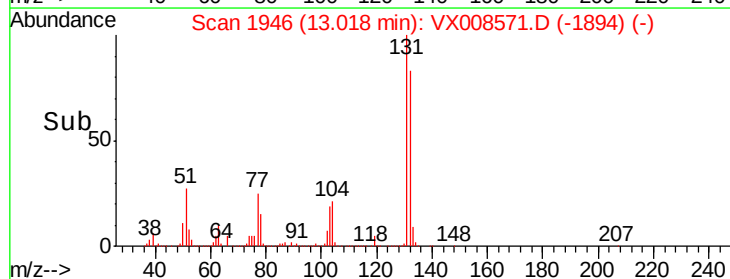
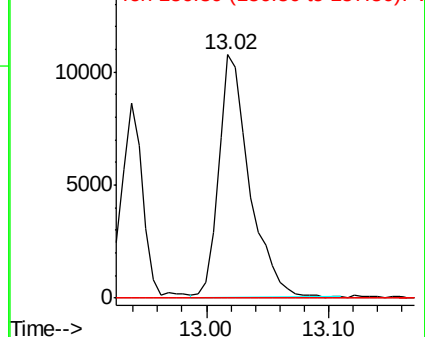
157 0.0 49.9 149.7#

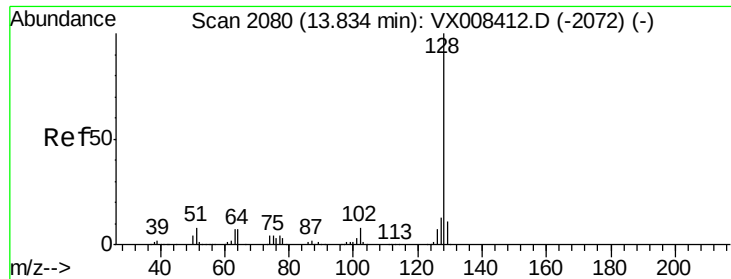


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



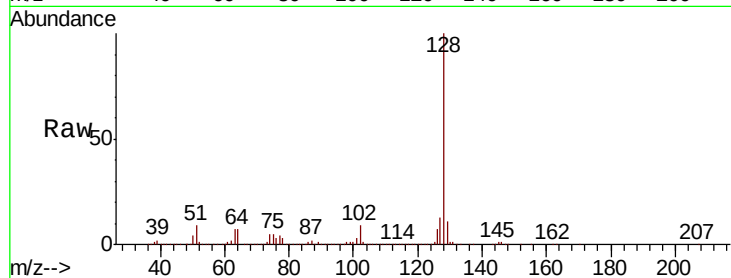


#95
 Naphthalene
 Concen: 132.205 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX008571.D
 Acq: 01 Apr 2019 16:10

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:128 Resp: 1460209

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

