

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004376.D
 Acq On : 05 Sep 2018 18:01
 Operator : JC/MD
 Sample : J4693-01MEDL 10X
 Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 06 00:52:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	289301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	455872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	455388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	287779	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	194379	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
35) Dibromofluoromethane	5.50	113	169237	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
50) Toluene-d8	8.71	98	674457	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.14	95	334069	69.94	ug/l	0.00
Spiked Amount			Recovery	=	139.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	935	0.54	ug/l	# 81
5) Bromomethane	1.64	94	1274	Below Cal		# 79
6) Chloroethane	1.71	64	6601	3.13	ug/l	# 47
10) Methyl Iodide	2.51	142	849	4.48	ug/l	# 81
11) Tert butyl alcohol	3.08	59	194	0.24	ug/l	# 72
13) Acrolein	2.28	56	42	0.22	ug/l	# 16
15) Acrylonitrile	3.14	53	438	0.22	ug/l	# 69
16) Acetone	2.45	43	1052	Below Cal		# 88
17) Carbon Disulfide	2.56	76	881	0.90	ug/l	# 91
20) Methylene Chloride	2.85	84	1317	0.36	ug/l	# 91
25) 2-Butanone	4.71	43	304	Below Cal		# 47
29) Tetrahydrofuran	5.17	42	806	0.50	ug/l	# 61
31) Cyclohexane	5.67	56	5857	1.11	ug/l	# 1
36) 1,1-Dichloropropene	5.66	75	19077	3.72	ug/l	# 49
38) Carbon Tetrachloride	5.66	117	25024	5.19	ug/l	# 15
39) Methylcyclohexane	7.45	83	1741	0.30	ug/l	# 35
48) Methyl methacrylate	7.84	41	2730	0.66	ug/l	# 84
51) 4-Methyl-2-Pentanone	8.67	43	3113	0.55	ug/l	# 34
55) 1,1,2-Trichloroethane	9.16	97	55793	14.42	ug/l	# 20
56) Ethyl methacrylate	9.16	69	12402	2.35	ug/l	# 2
59) 2-Hexanone	9.45	43	342148	79.70	ug/l	# 26
60) Dibromochloromethane	9.56	129	948	0.25	ug/l	# 1
67) Ethyl Benzene	10.25	91	4639	0.25	ug/l	# 81
69) o-Xylene	10.70	106	8394	1.22	ug/l	# 97
73) Isopropylbenzene	11.02	105	632798	33.48	ug/l	100
74) N-amyl acetate	10.91	43	677718	93.13	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	11.28	83	590618	89.29	ug/l	# 25
76) 1,2,3-Trichloropropane	11.36	75	13141	2.25	ug/l	# 1
77) Bromobenzene	11.31	156	2725	0.51	ug/l	# 1
78) n-propylbenzene	11.36	91	2263781	104.14	ug/l	# 99
79) 2-Chlorotoluene	11.36	91	2263781	169.19	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.02	75	6612	3.67	ug/l	# 1
82) 4-Chlorotoluene	11.36	91	2263781	143.78	ug/l	# 44
83) tert-Butylbenzene	11.77	119	223976	14.22	ug/l	# 86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090518\
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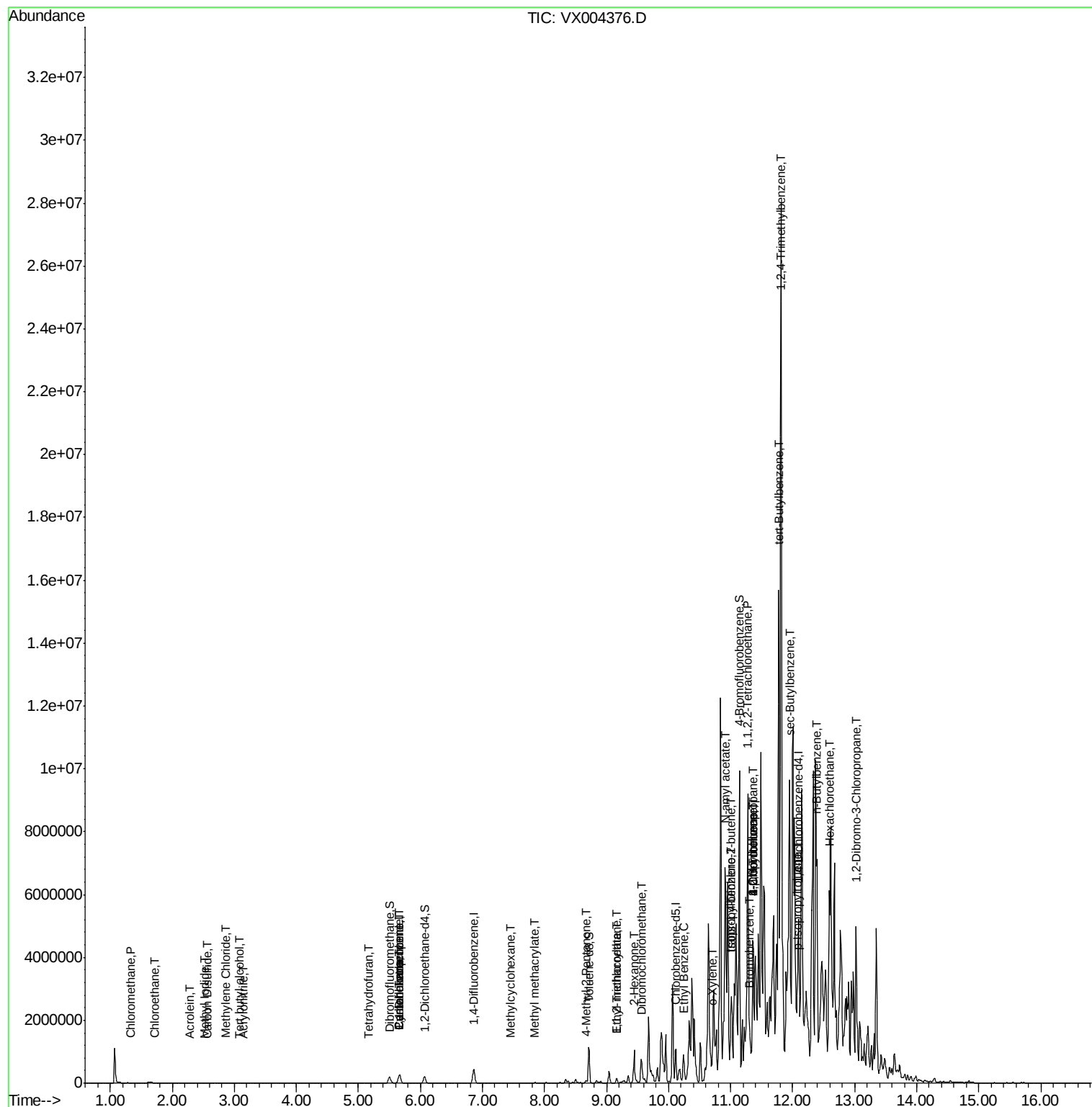
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	9752724	607.00	ug/l	89
85) sec-Butylbenzene	11.95	105	1807372	96.67	ug/l #	76
86) p-Isopropyltoluene	12.07	119	178177	10.63	ug/l	99
89) n-Butylbenzene	12.39	91	1867432	137.06	ug/l #	78
90) Hexachloroethane	12.59	117	197856	84.48	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	12226	10.49	ug/l #	1
94) Hexachlorobutadiene	13.79	225	366	Below Cal		80

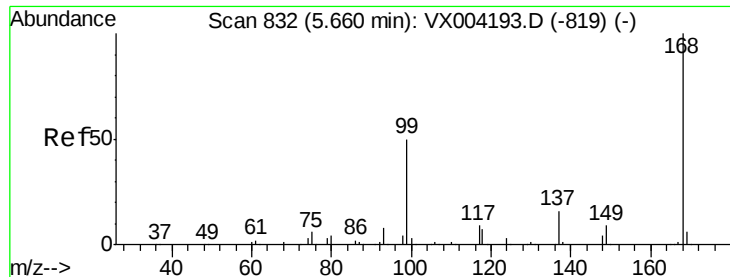
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

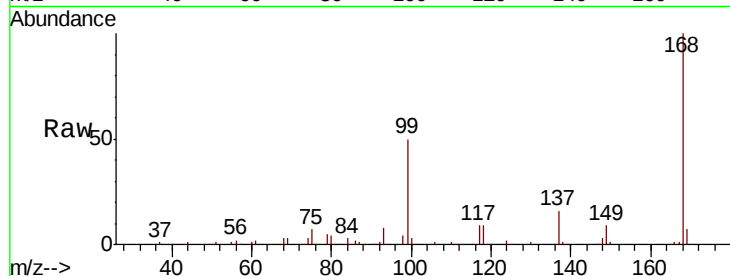
ClientSampled :

Tot Ion:168 Resp: 289301

Ion Ratio Lower Upper

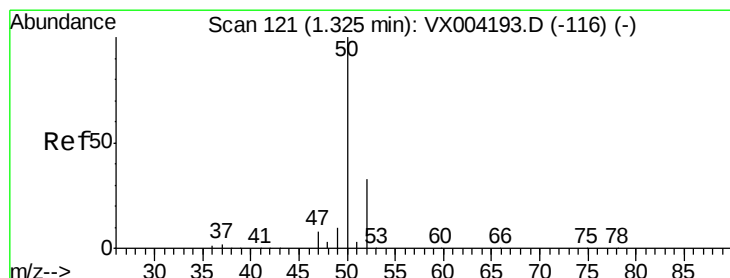
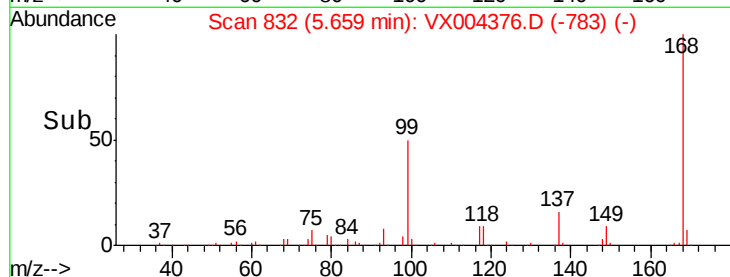
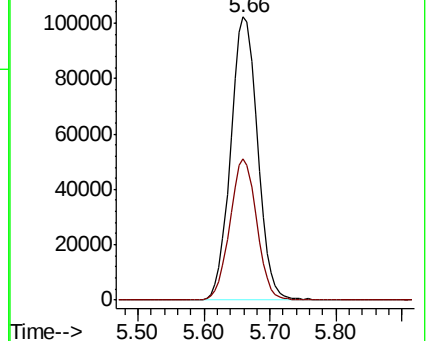
168 100

99 50.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.54 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004376.D

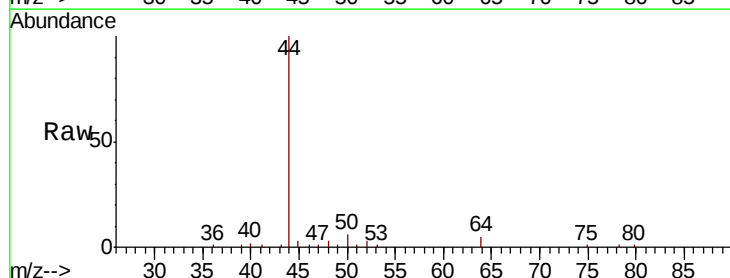
Acq: 05 Sep 2018 18:01

Tgt Ion: 50 Resp: 935

Ion Ratio Lower Upper

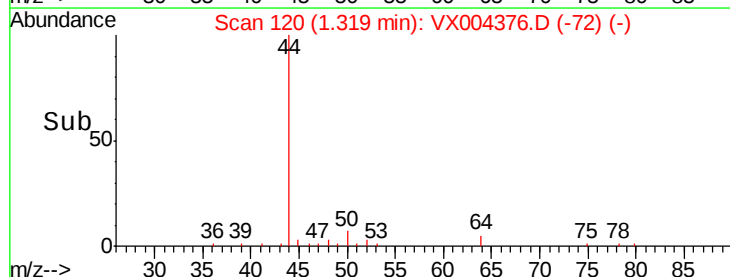
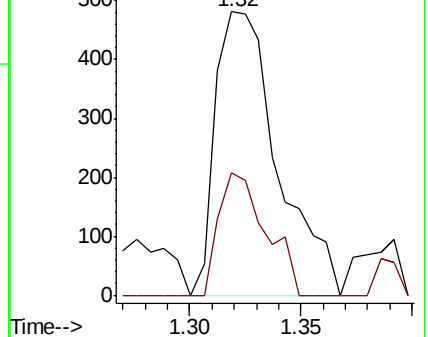
50 100

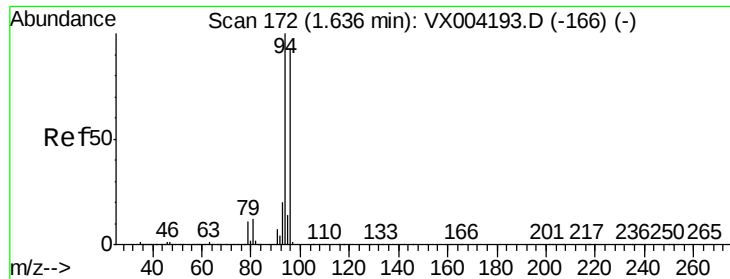
52 43.2 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

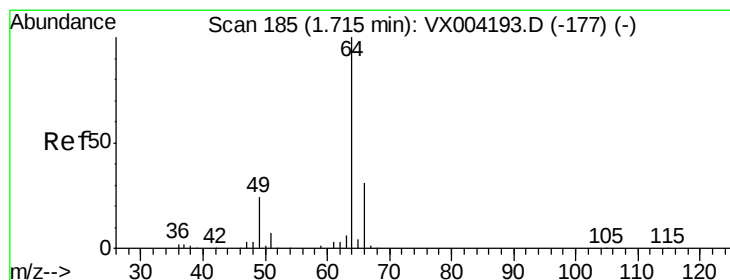
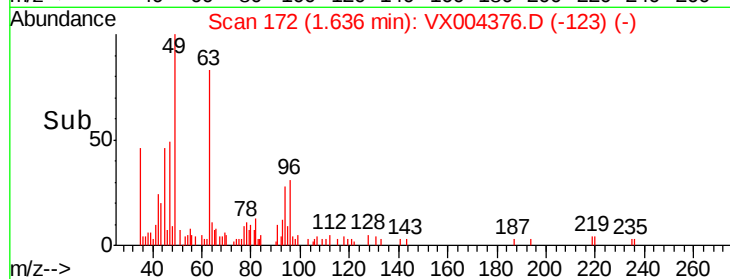
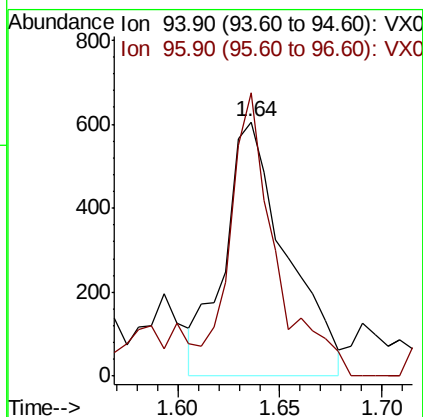
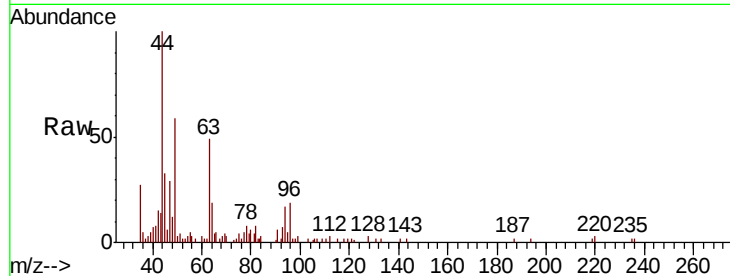
ClientSampleId :

Tot Ion: 94 Resp: 1274

Ion Ratio Lower Upper

94 100

96 113.1 74.5 111.7#



#6

Chloroethane

Concen: 3.13 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004376.D

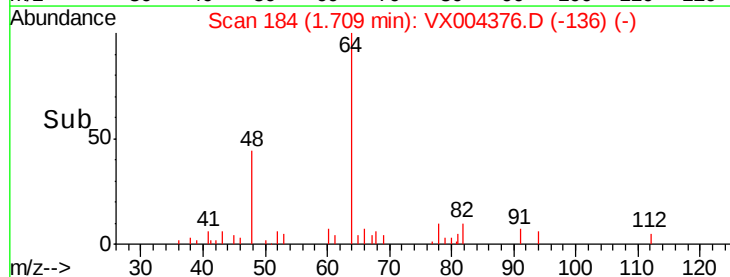
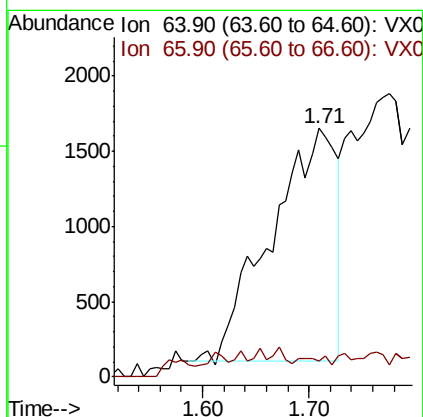
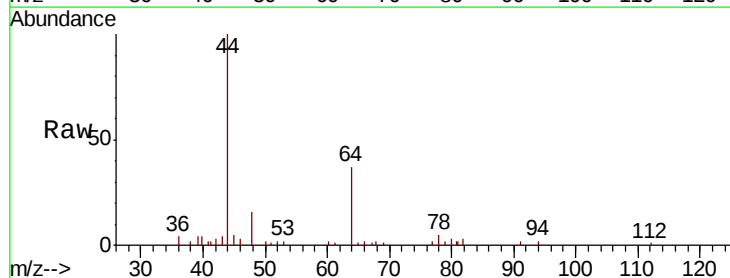
Acq: 05 Sep 2018 18:01

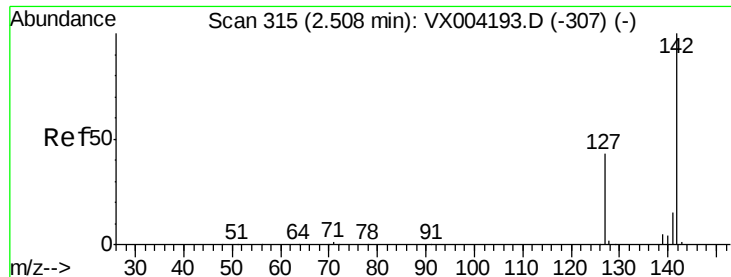
Tgt Ion: 64 Resp: 6601

Ion Ratio Lower Upper

64 100

66 1.6 24.6 36.8#

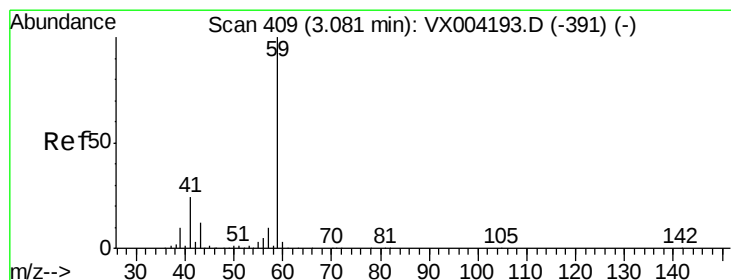
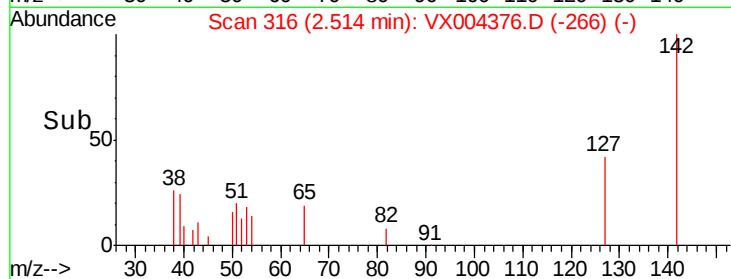
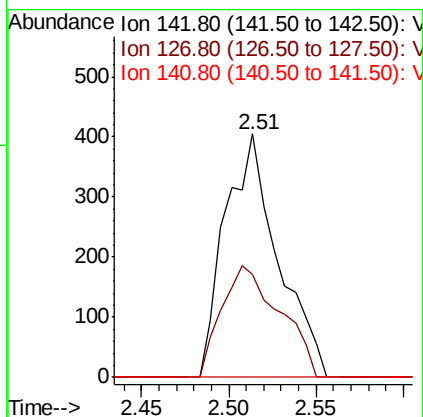
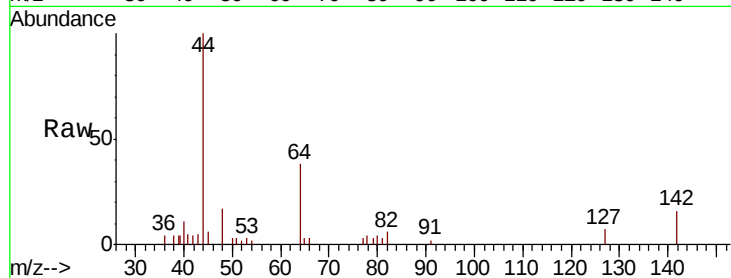




#10
Methyl Iodide
Concen: 4.48 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

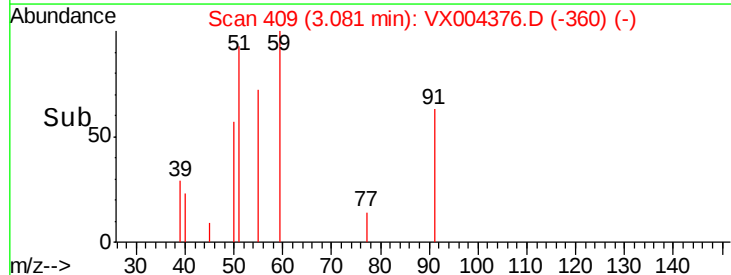
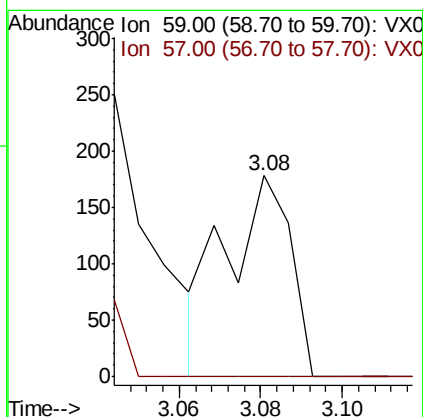
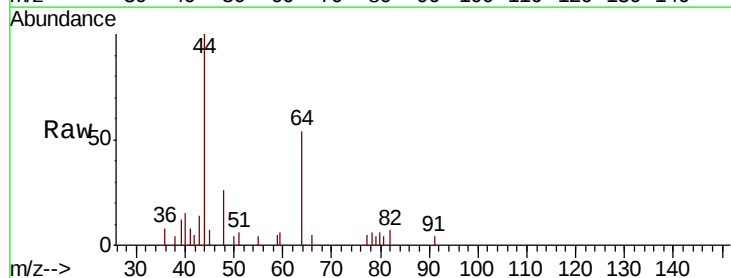
Instrument :
MSVOA_X
ClientSampled :

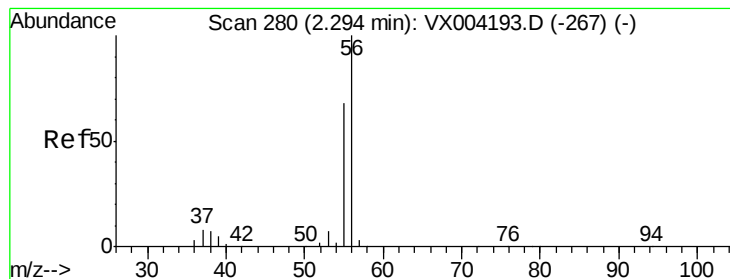
Tot Ion:142 Resp: 849
Ion Ratio Lower Upper
142 100
127 50.8 33.8 50.6#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.24 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Tgt Ion: 59 Resp: 194
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.22 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

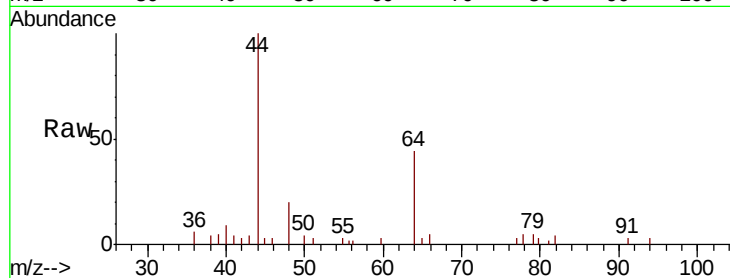
ClientSampled :

Tot Ion: 56 Resp: 42

Ion Ratio Lower Upper

56 100

55 0.0 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

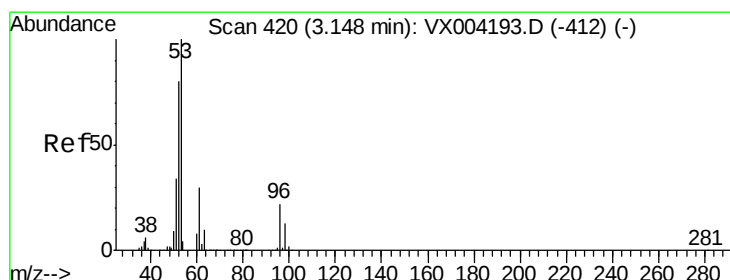
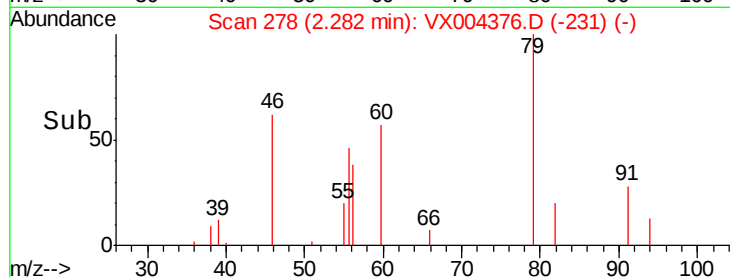
2.28

100

50

0

Time-->



#15

Acrylonitrile

Concen: 0.22 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

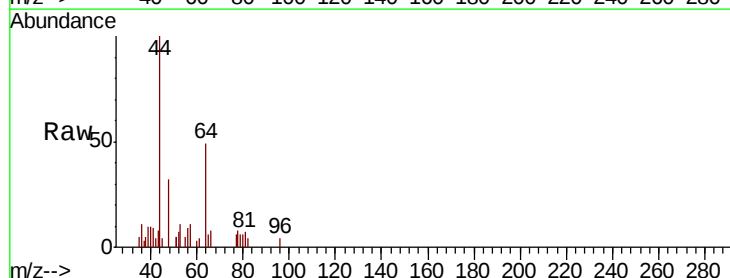
Tgt Ion: 53 Resp: 438

Ion Ratio Lower Upper

53 100

52 95.0 65.2 97.8

51 74.2 28.2 42.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

250

200

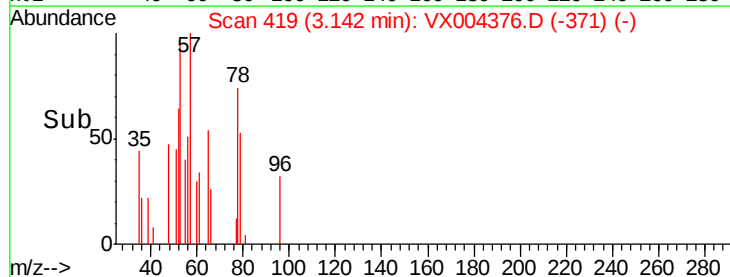
150

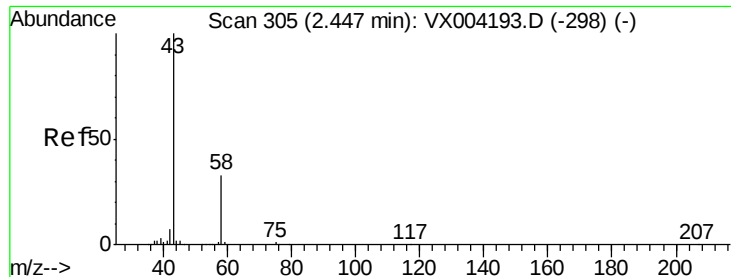
100

50

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

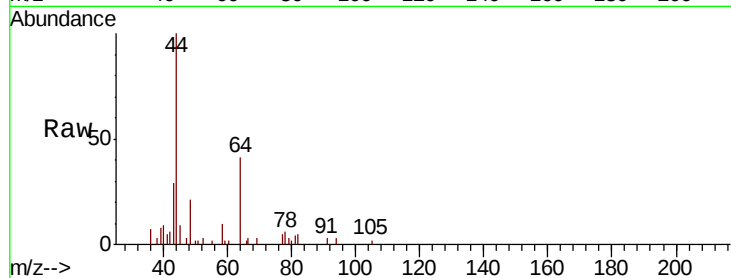
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1052

Ion Ratio Lower Upper

43 100

58 39.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800

600

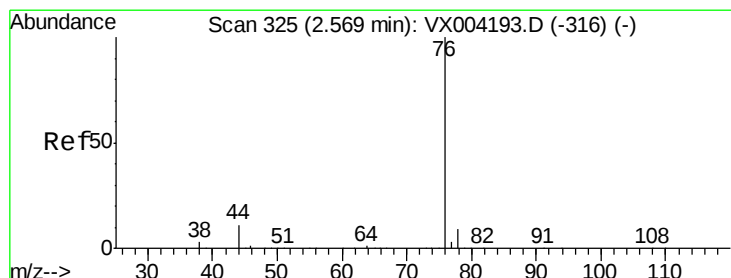
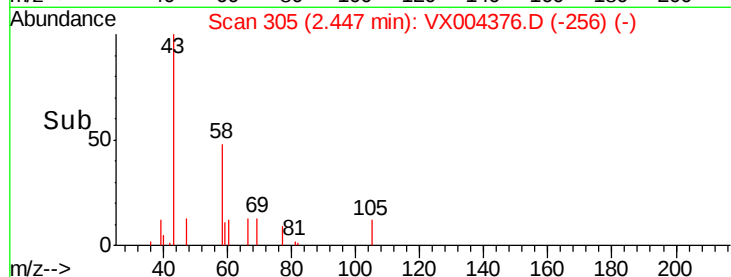
400

200

0

2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.90 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX004376.D

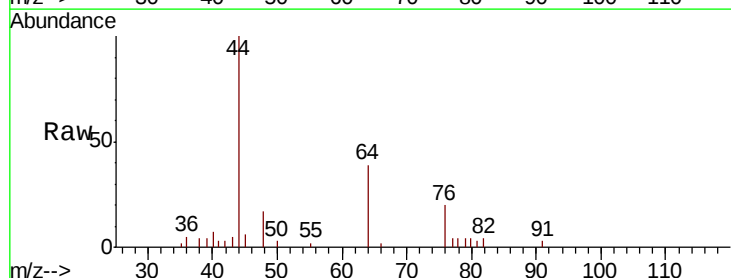
Acq: 05 Sep 2018 18:01

Tgt Ion: 76 Resp: 881

Ion Ratio Lower Upper

76 100

78 5.5 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

600

500

400

300

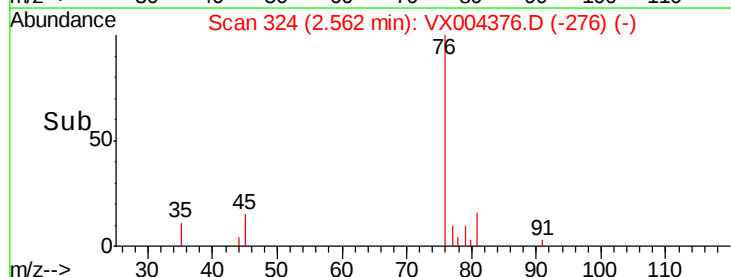
200

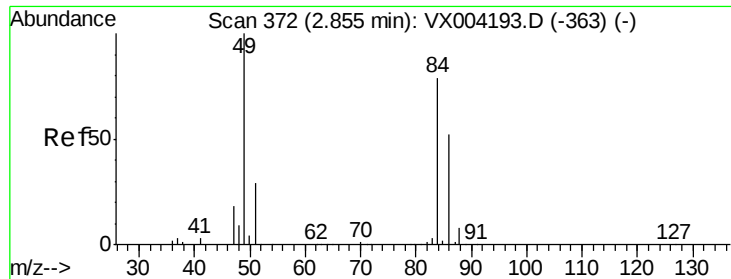
100

0

2.50 2.55 2.60

Time-->

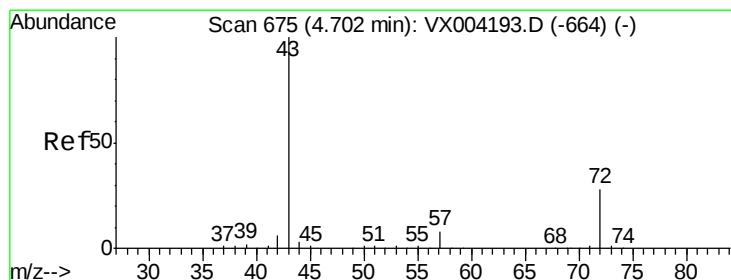
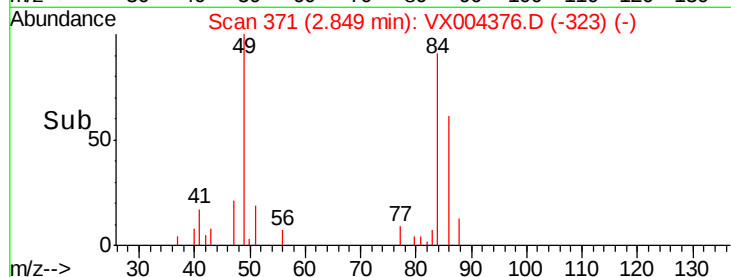
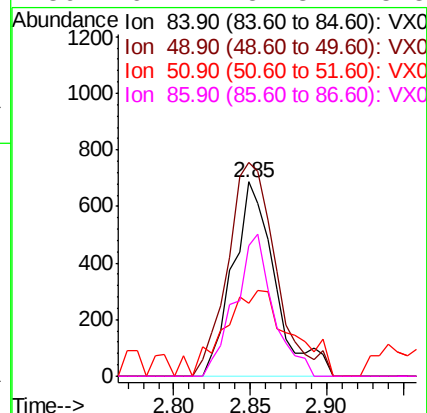
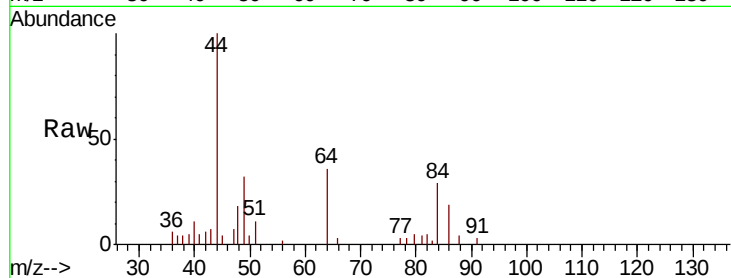




#20
Methylene Chloride
Concen: 0.36 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

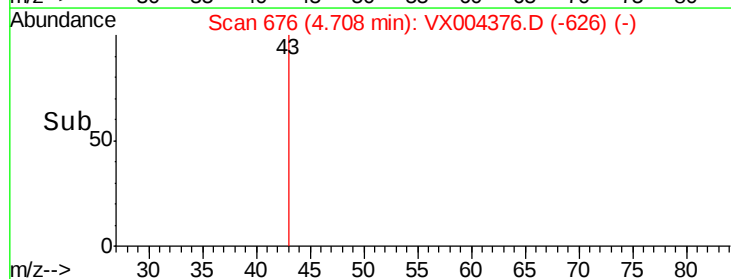
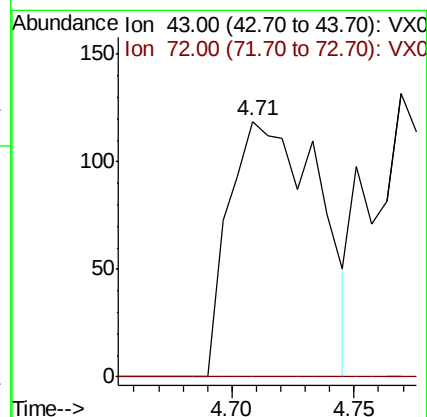
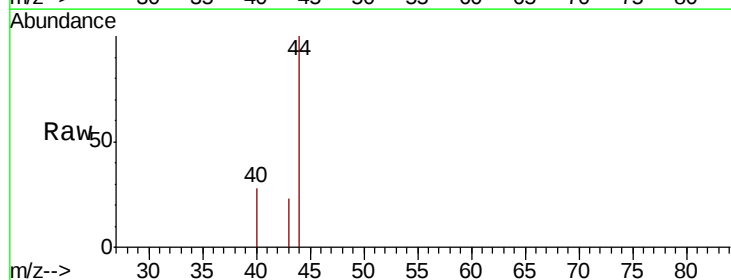
Instrument :
MSVOA_X
ClientSampleId :

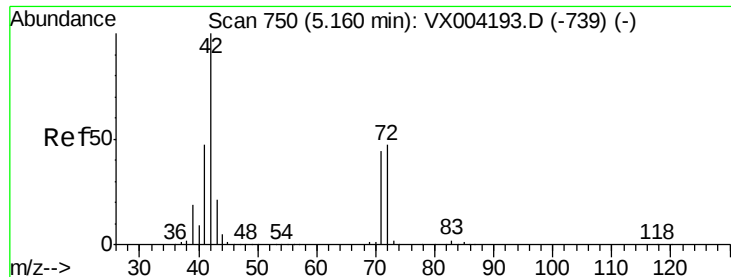
Tot Ion: 84 Resp: 1317
Ion Ratio Lower Upper
84 100
49 109.9 101.2 151.8
51 37.3 29.5 44.3
86 67.2 52.3 78.5



#25
2-Butanone
Concen: Below Cal
RT: 4.71 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#

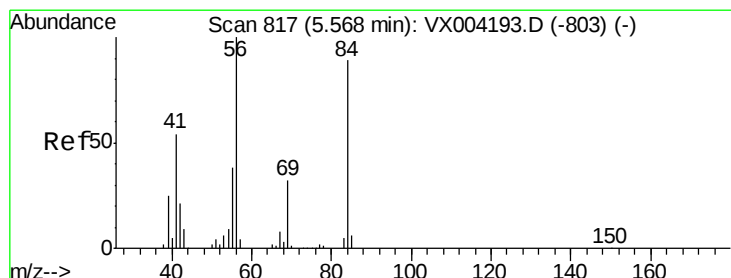
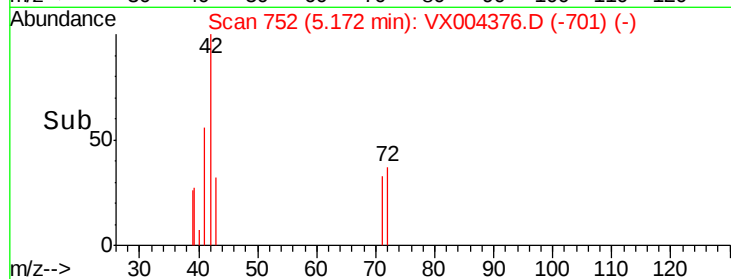
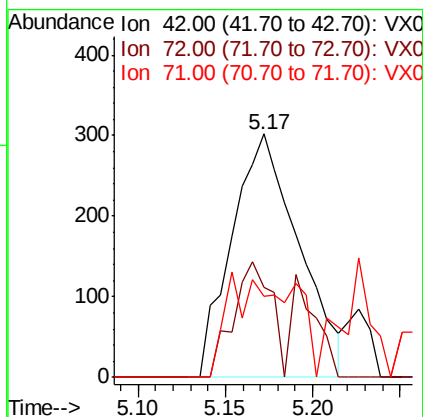
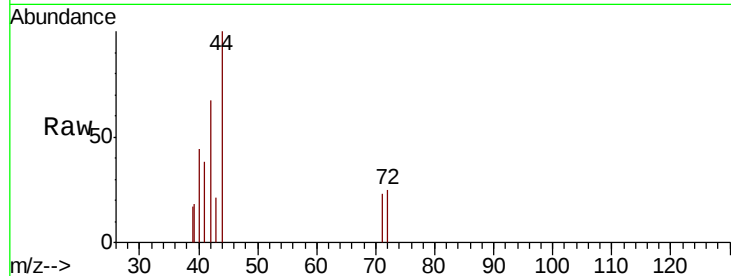




#29
Tetrahydrofuran
Concen: 0.50 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

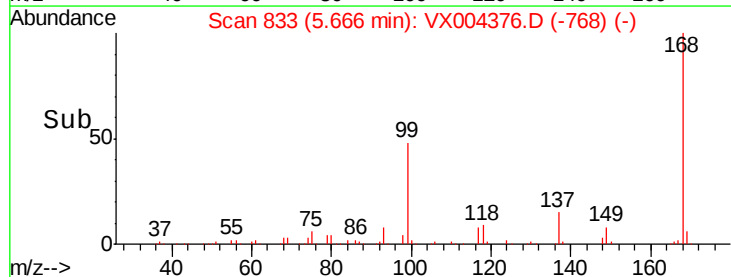
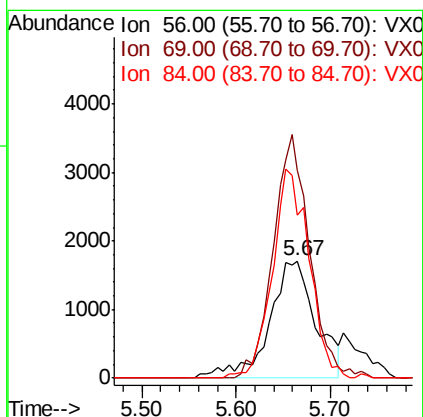
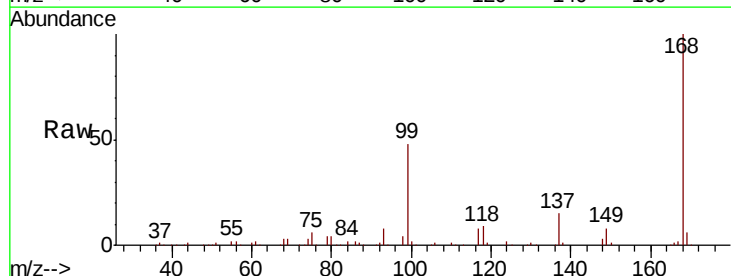
Instrument :
MSVOA_X
ClientSampleId :

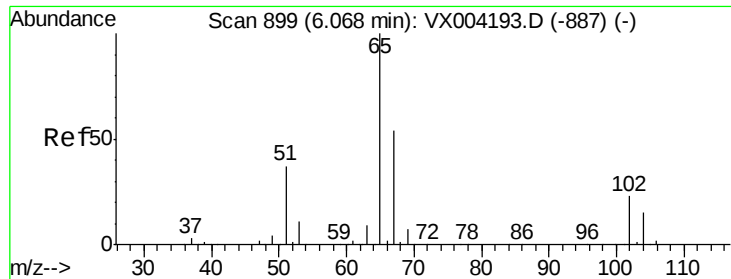
Tot Ion: 42 Resp: 806
Ion Ratio Lower Upper
42 100
72 26.8 37.4 56.0#
71 11.9 34.5 51.7#



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.10 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Tgt Ion: 56 Resp: 5857
Ion Ratio Lower Upper
56 100
69 177.5 25.4 38.2#
84 139.7 71.4 107.2#

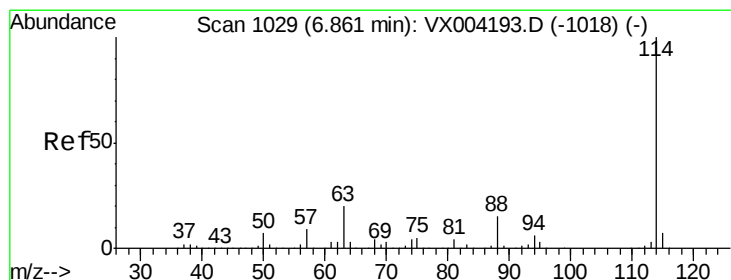
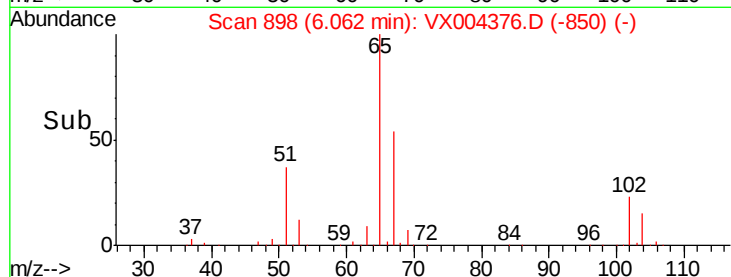
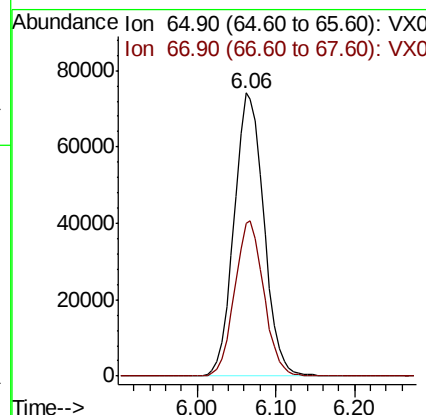
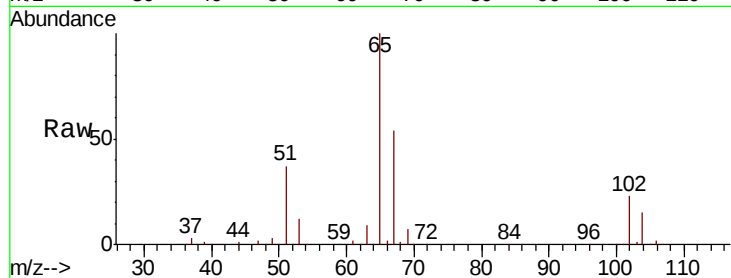




#33
 1,2-Dichloroethane-d4
 Concen: 51.55 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX004376.D
 Acq: 05 Sep 2018 18:01

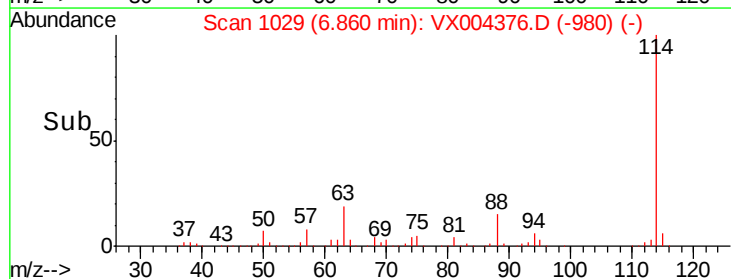
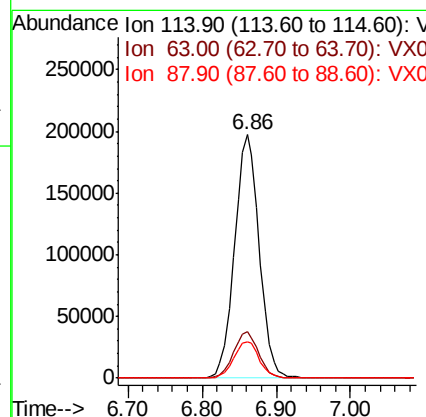
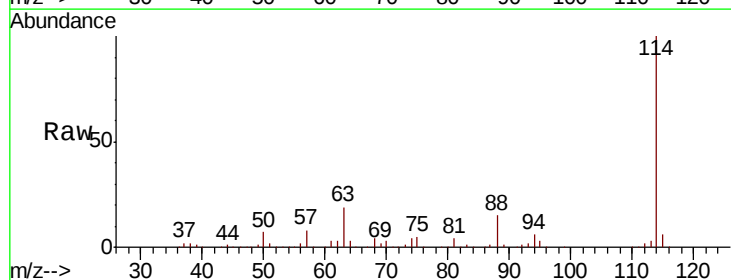
Instrument :
 MSVOA_X
 ClientSampleId :

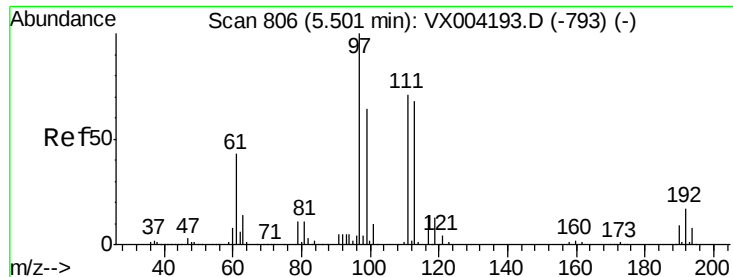
Tot Ion: 65 Resp: 194379
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004376.D
 Acq: 05 Sep 2018 18:01

Tgt Ion: 114 Resp: 455872
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 15.1 0.0 30.4

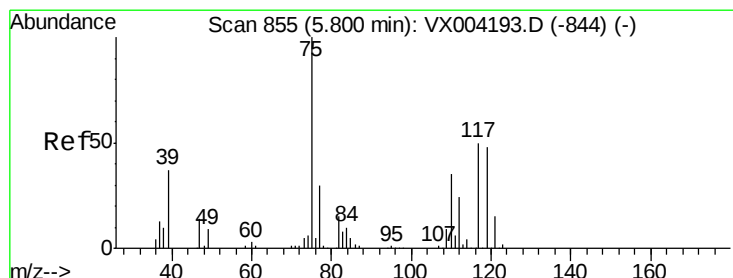
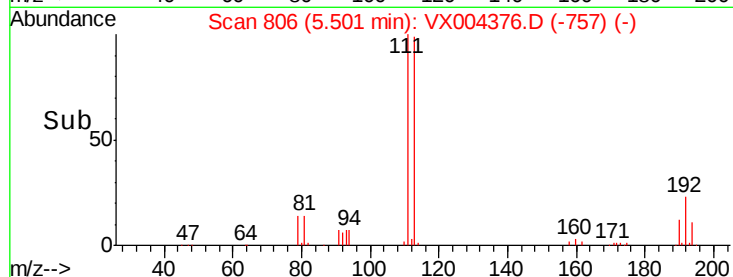
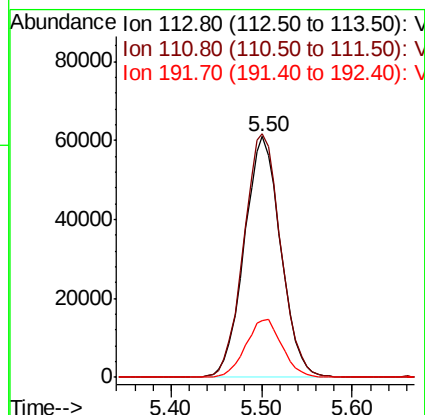
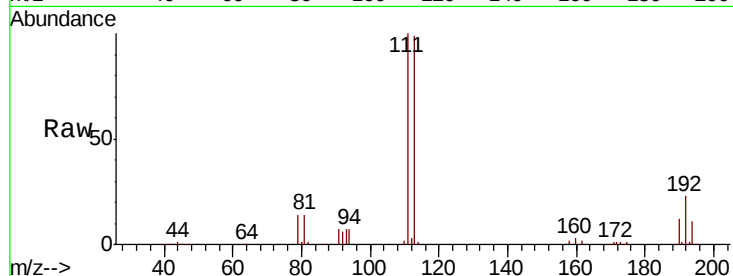




#35
 Dibromofluoromethane
 Concen: 49.90 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004376.D
 Acq: 05 Sep 2018 18:01

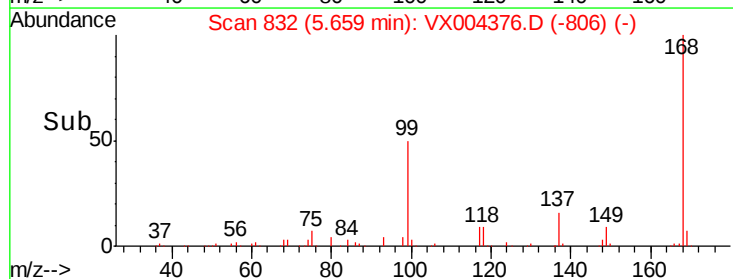
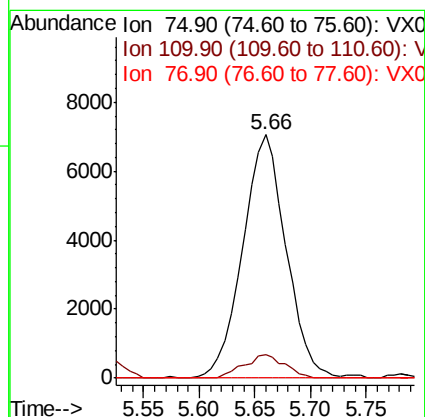
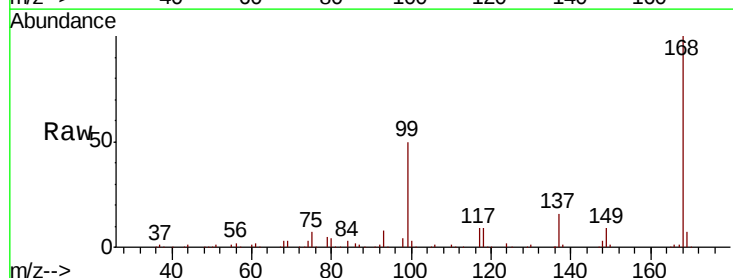
Instrument :
 MSVOA_X
 ClientSampleId :

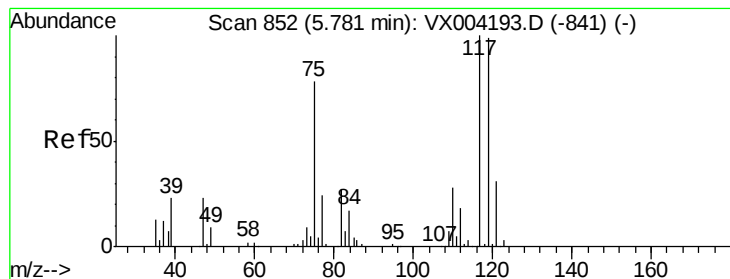
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	24.2	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 3.72 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX004376.D
 Acq: 05 Sep 2018 18:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.0	54.0#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 5.19 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

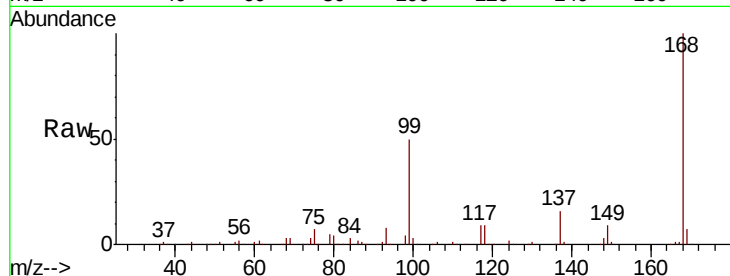
Tot Ion:117 Resp: 25024

Ion Ratio Lower Upper

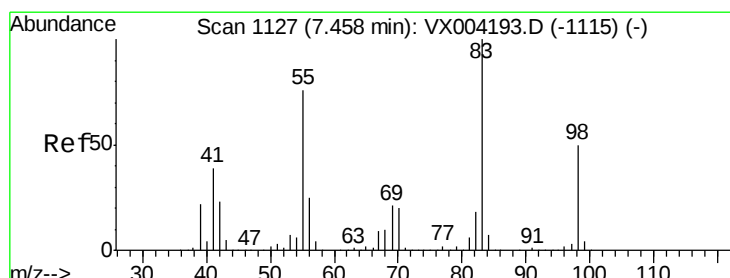
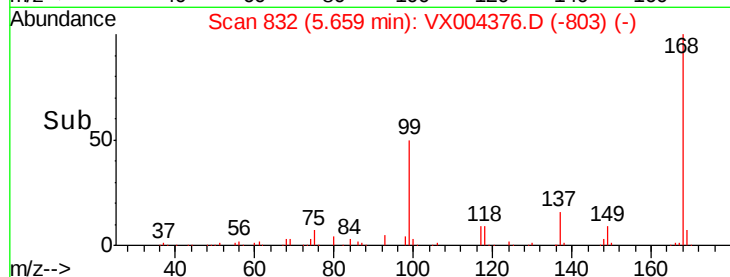
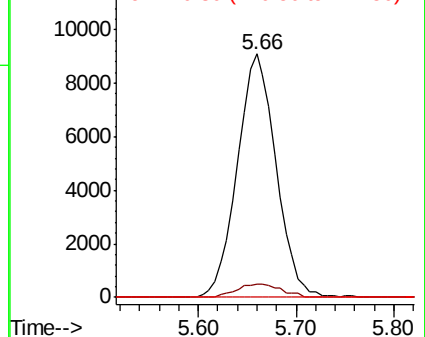
117 100

119 5.6 78.8 118.2#

121 0.0 24.9 37.3#



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: 0.30 ug/l

RT: 7.45 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

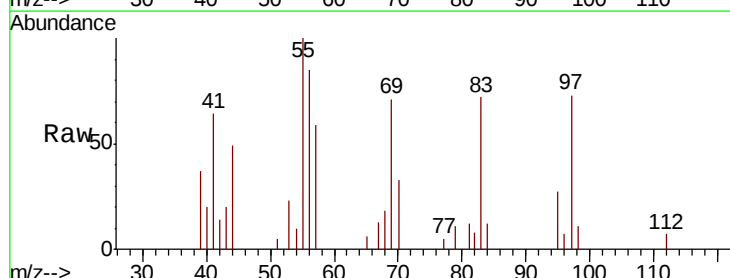
Tgt Ion: 83 Resp: 1741

Ion Ratio Lower Upper

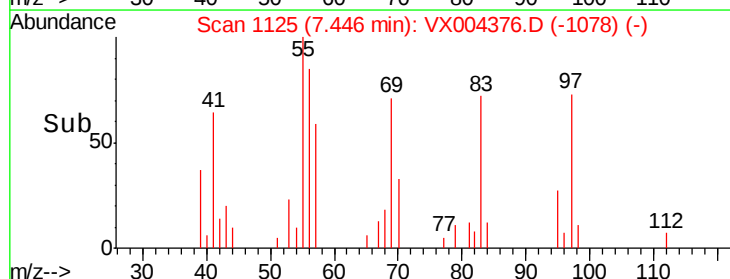
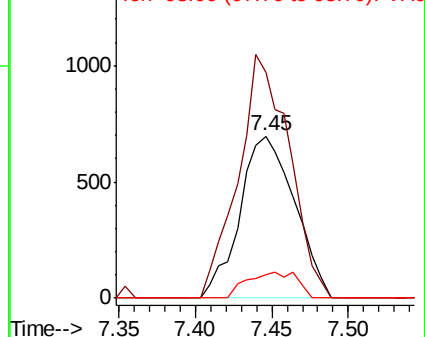
83 100

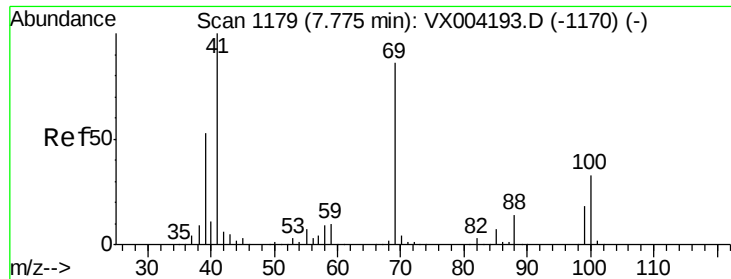
55 139.5 61.0 91.4#

98 14.8 39.6 59.4#



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

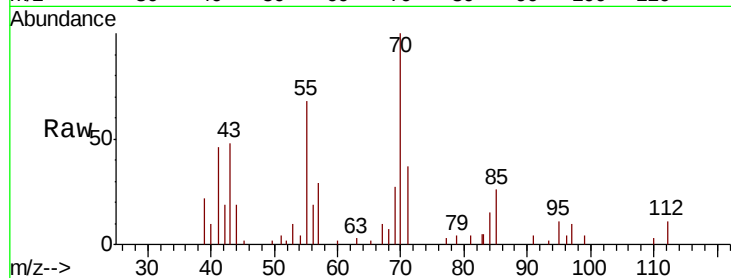




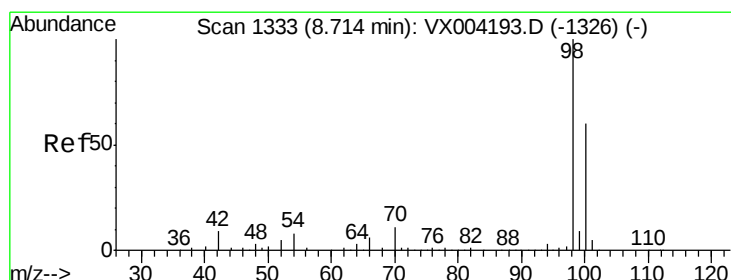
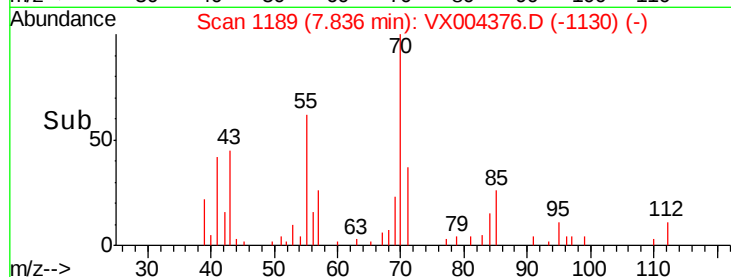
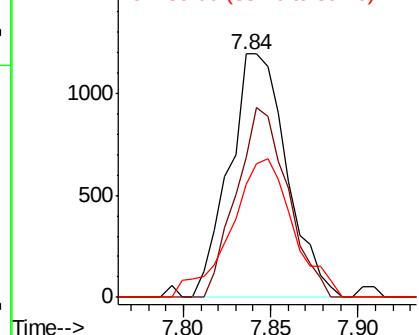
#48
Methyl methacrylate
Concen: 0.66 ug/l
RT: 7.84 min Scan# 1189
Delta R.T. 0.06 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 2730
Ion Ratio Lower Upper
41 100
69 69.6 70.2 105.4#
39 61.4 42.7 64.1

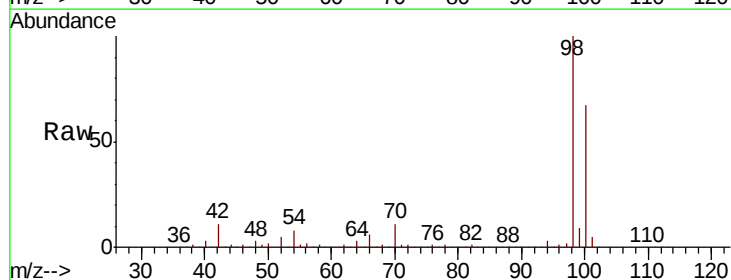


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

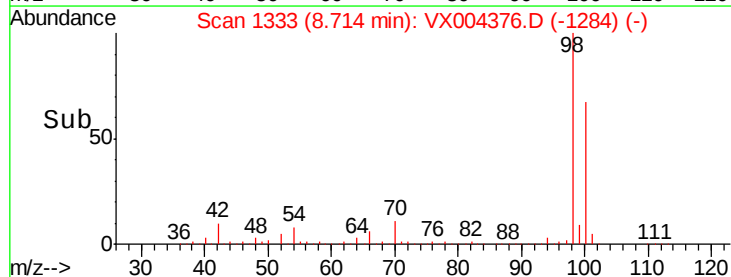
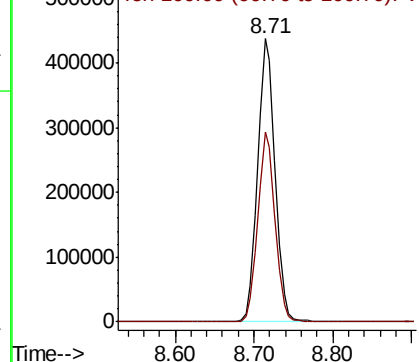


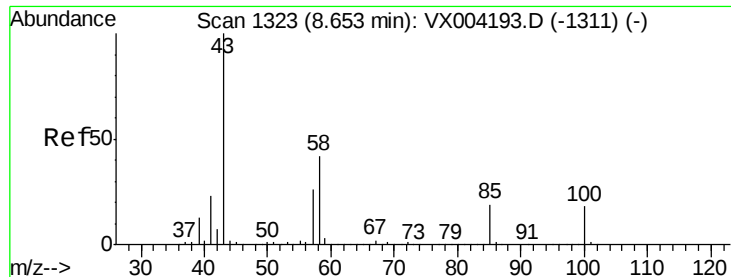
#50
Toluene-d8
Concen: 52.69 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Tgt Ion: 98 Resp: 674457
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.55 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

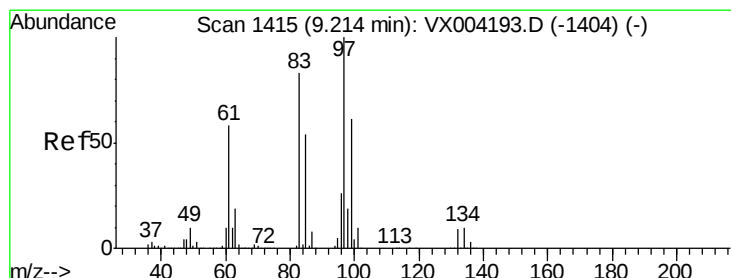
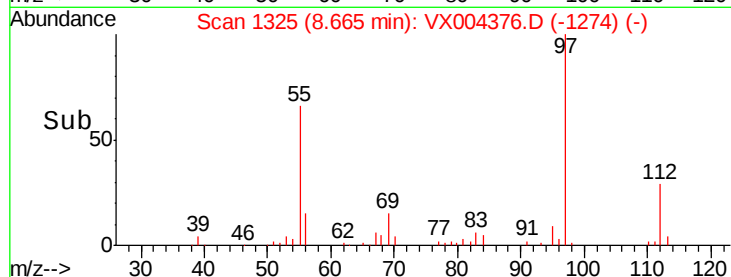
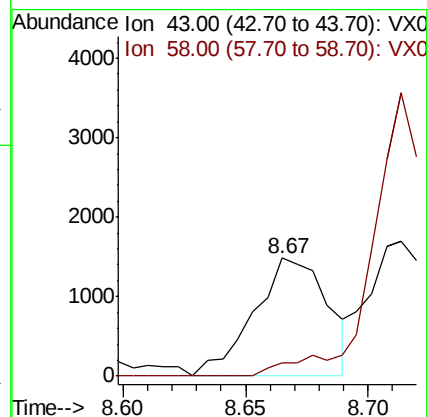
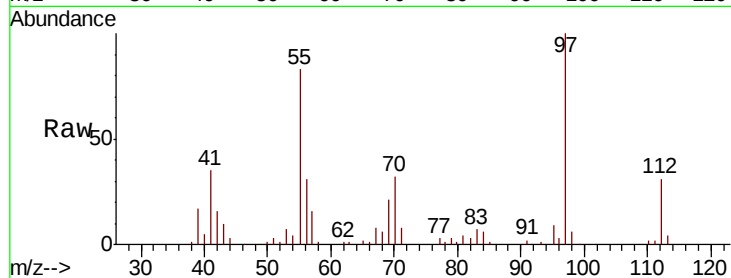
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 3113

Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#



#55

1,1,2-Trichloroethane

Concen: 14.42 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Tgt Ion: 97 Resp: 55793

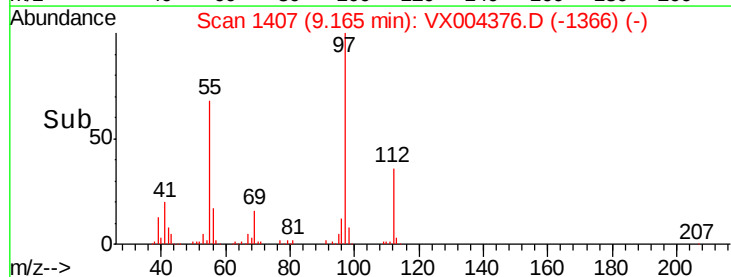
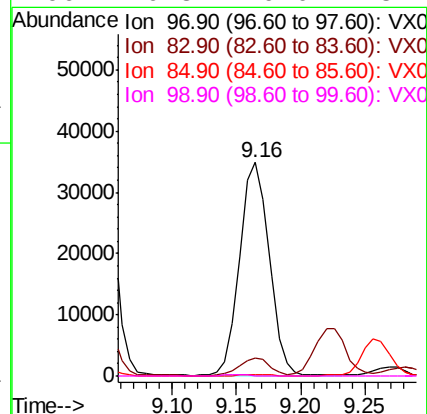
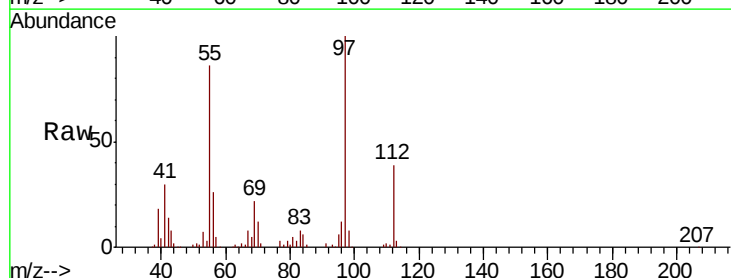
Ion Ratio Lower Upper

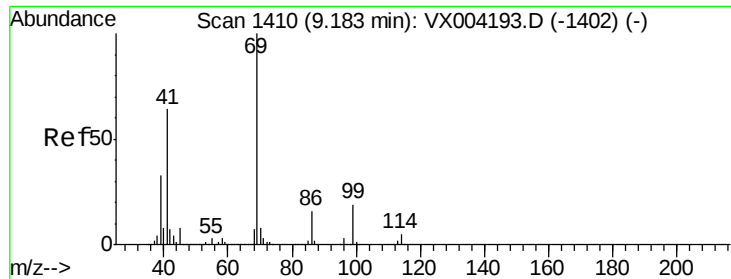
97 100

83 8.1 66.4 99.6#

85 0.5 43.3 64.9#

99 0.3 49.0 73.4#





#56

Ethyl methacrylate

Concen: 2.35 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :
MSVOA_X
ClientSampled :

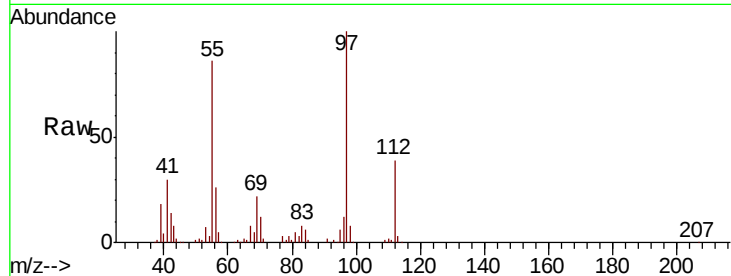
Tot Ion: 69 Resp: 12402

Ion Ratio Lower Upper

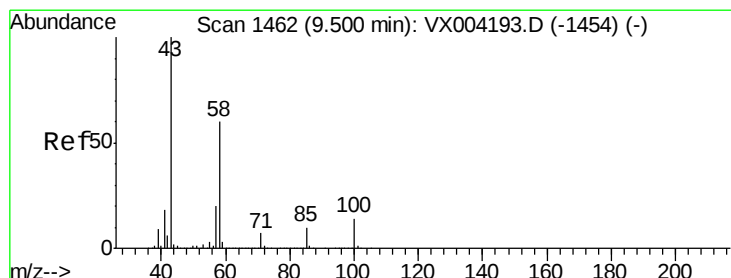
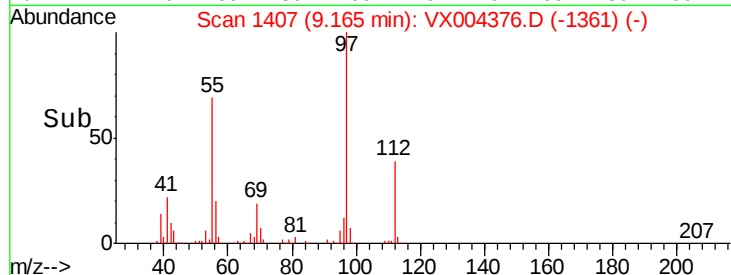
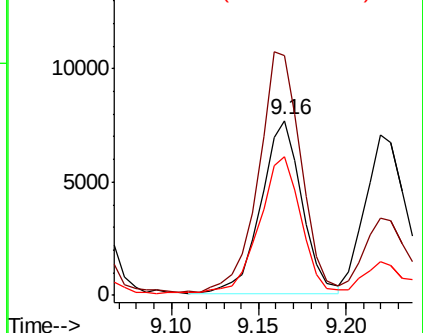
69 100

41 145.1 51.0 76.4#

39 80.3 26.1 39.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 79.70 ug/l

RT: 9.45 min Scan# 1453

Delta R.T. -0.05 min

Lab File: VX004376.D

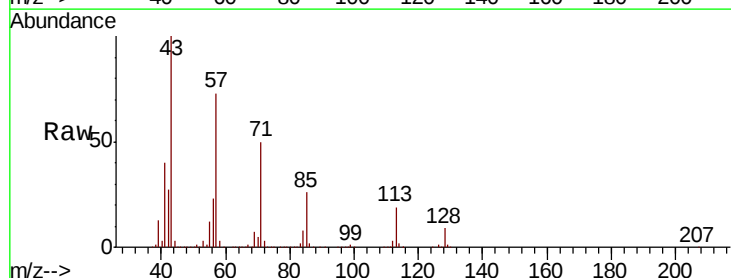
Acq: 05 Sep 2018 18:01

Tgt Ion: 43 Resp: 342148

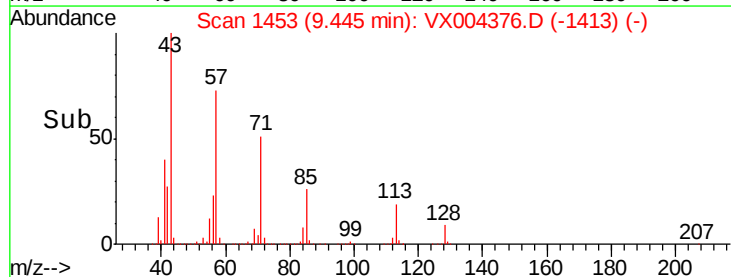
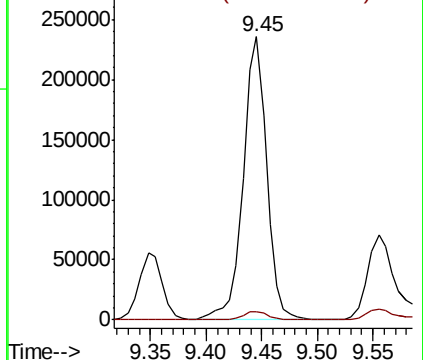
Ion Ratio Lower Upper

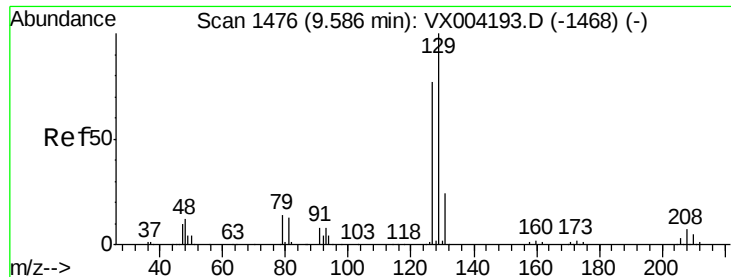
43 100

58 3.4 29.0 87.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

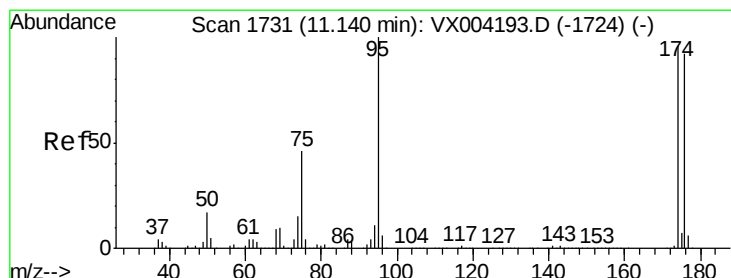
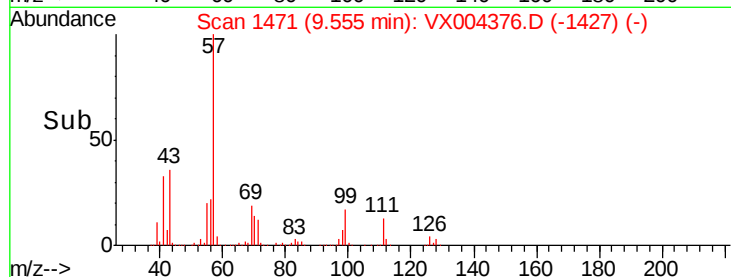
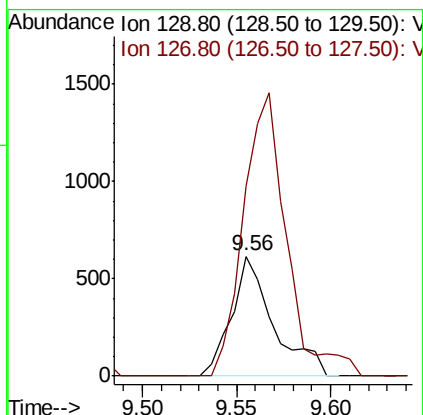
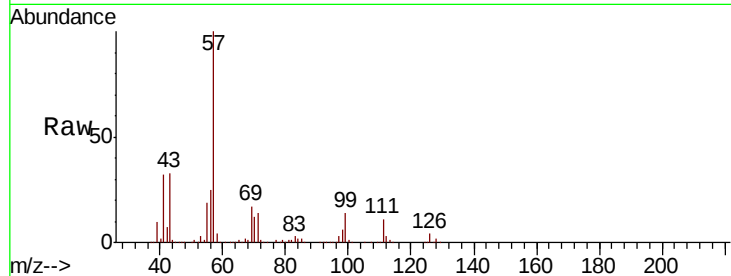




#60
Dibromochloromethane
Concen: 0.25 ug/l
RT: 9.56 min Scan# 1471
Delta R.T. -0.03 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

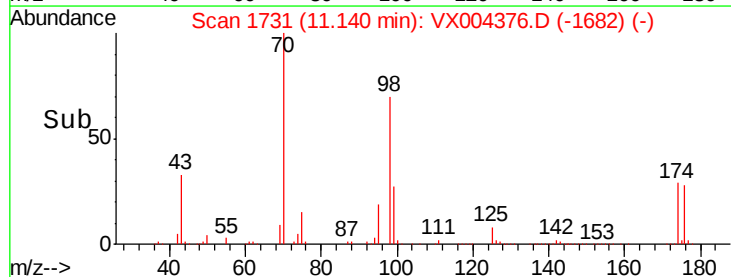
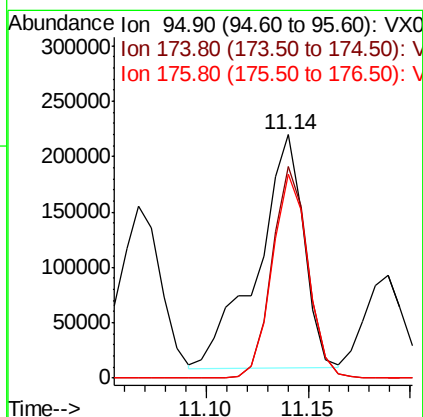
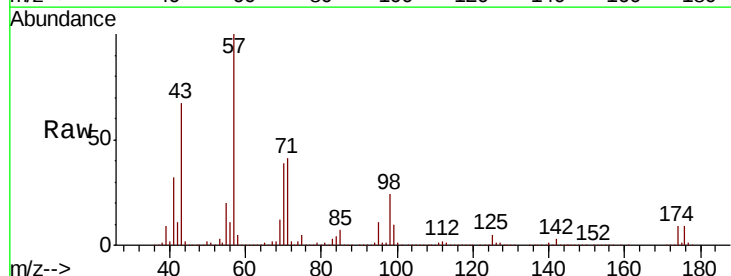
Instrument :
MSVOA_X
ClientSampleId :

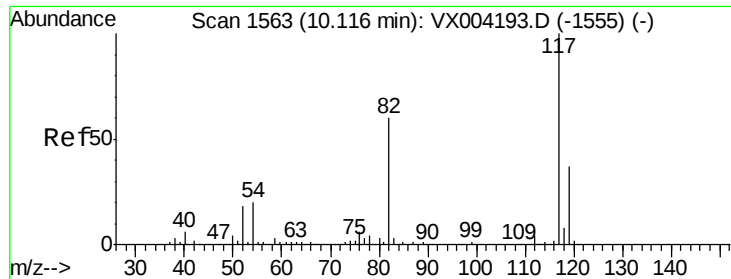
Tot Ion:129 Resp: 948
Ion Ratio Lower Upper
129 100
127 243.5 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 69.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Tgt Ion: 95 Resp: 334069
Ion Ratio Lower Upper
95 100
174 70.1 0.0 185.2
176 68.2 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

ClientSampled :

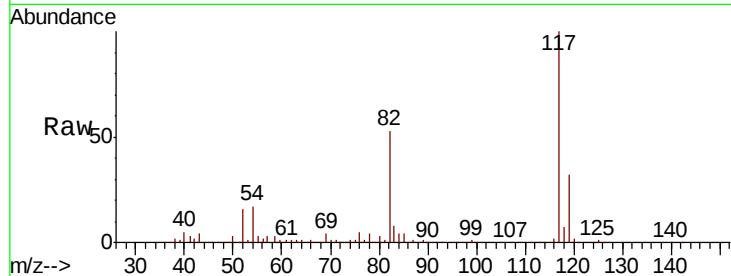
Tot Ion:117 Resp: 455388

Ion Ratio Lower Upper

117 100

82 52.0 47.8 71.6

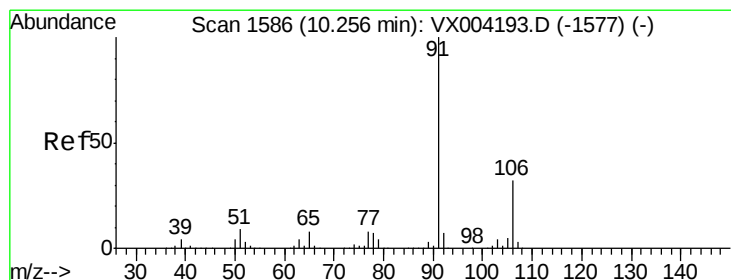
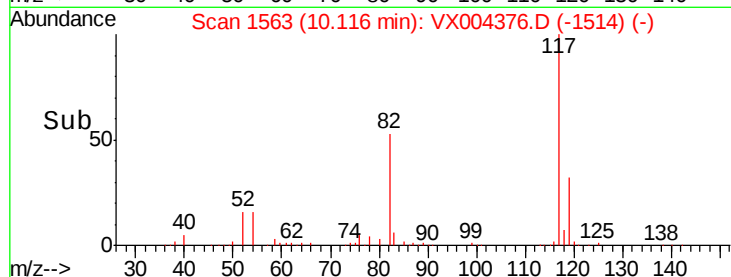
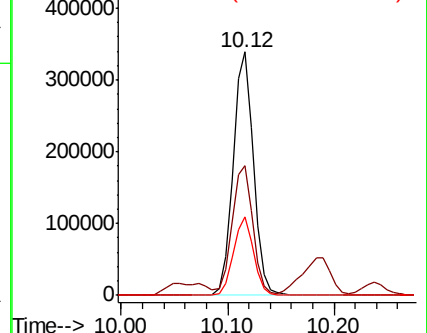
119 32.3 29.3 43.9



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: 0.25 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004376.D

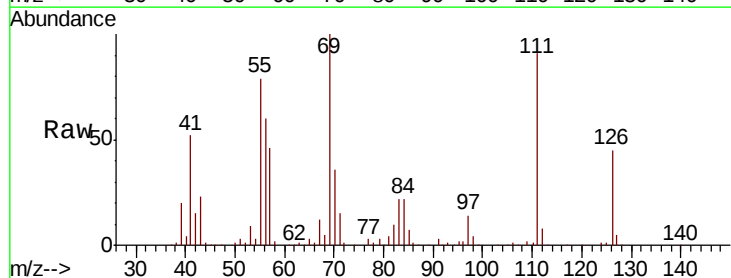
Acq: 05 Sep 2018 18:01

Tgt Ion: 91 Resp: 4639

Ion Ratio Lower Upper

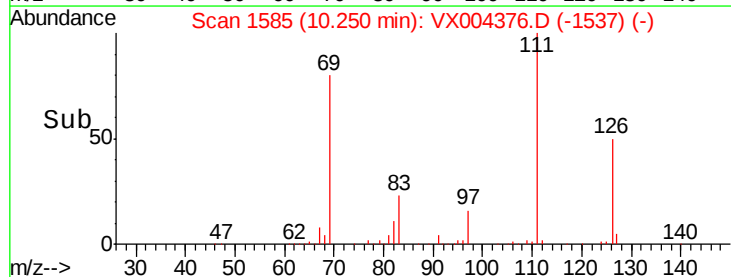
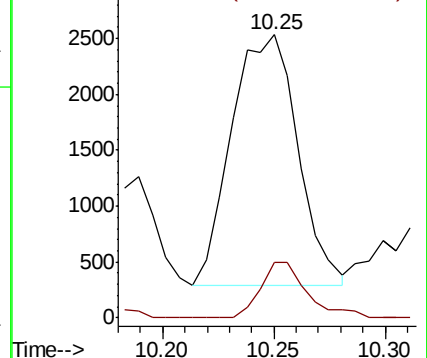
91 100

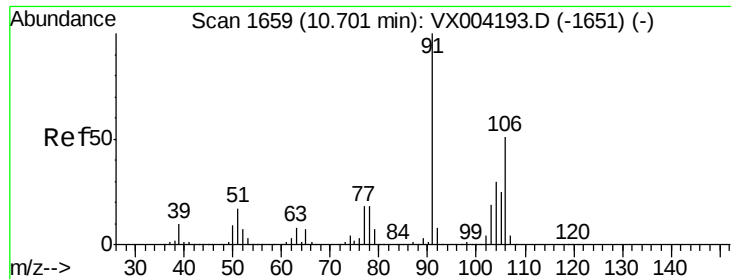
106 22.0 25.9 38.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

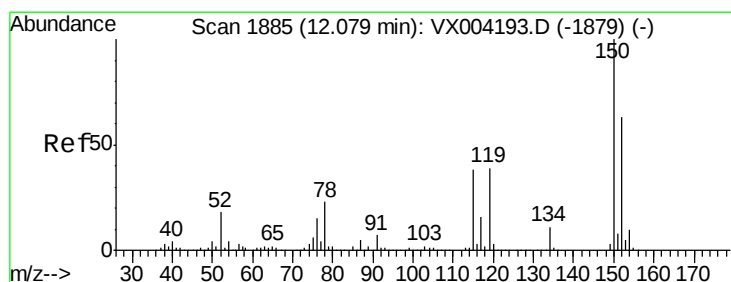
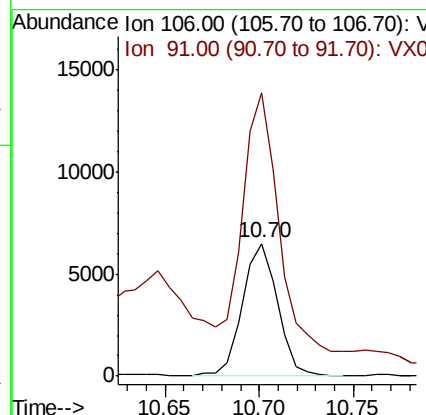
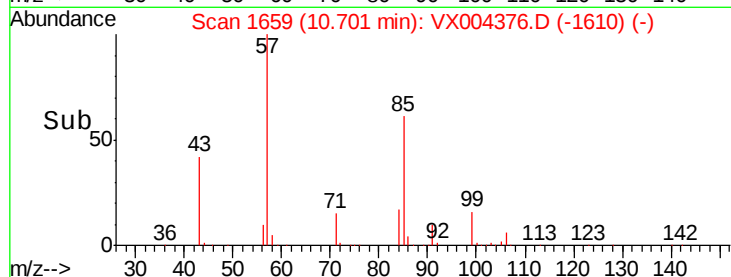
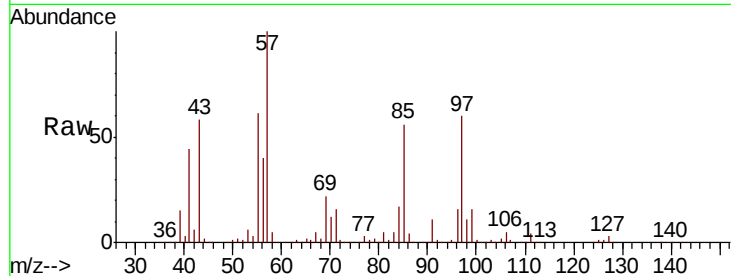




#69
o-Xylene
Concen: 1.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

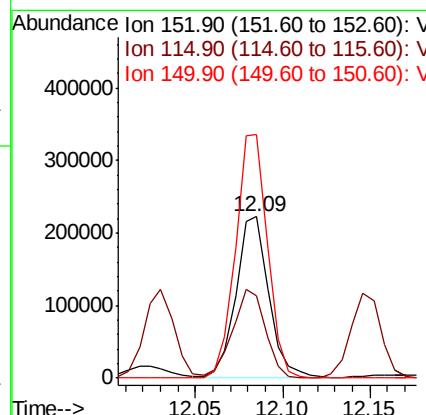
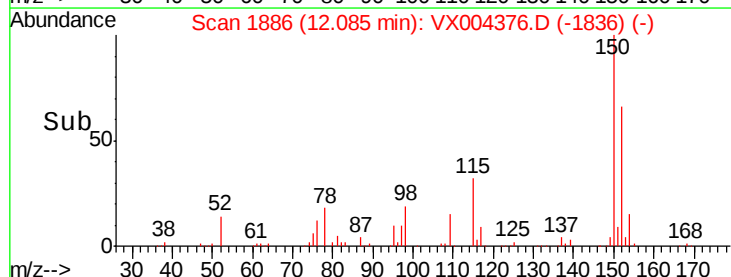
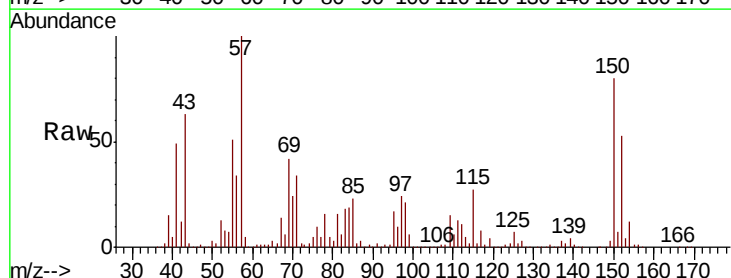
Instrument :
MSVOA_X
ClientSampled :

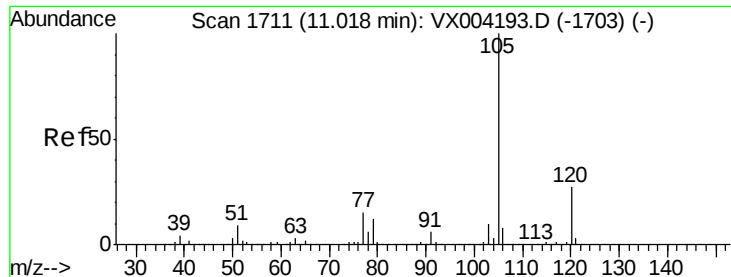
Tot Ion:106 Resp: 8394
Ion Ratio Lower Upper
106 100
91 206.1 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Tgt Ion:152 Resp: 287779
Ion Ratio Lower Upper
152 100
115 55.1 39.0 117.0
150 147.8 0.0 351.0





#73

Isopropylbenzene

Concen: 33.48 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

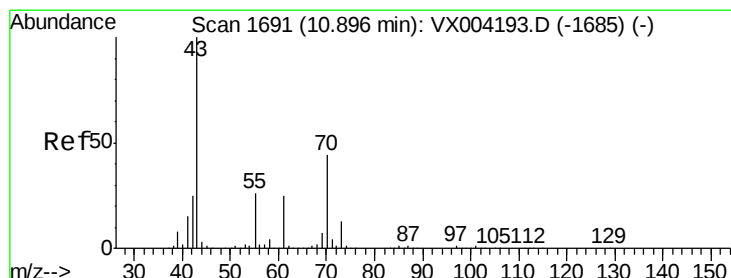
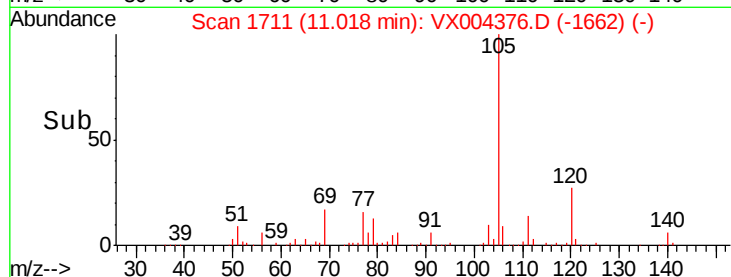
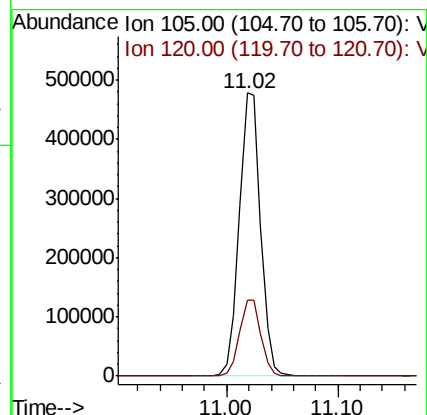
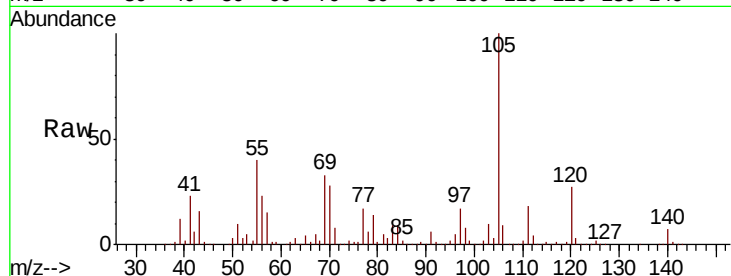
ClientSampleId :

Tot Ion:105 Resp: 632798

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 93.13 ug/l

RT: 10.91 min Scan# 1694

Delta R.T. 0.02 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Tgt Ion: 43 Resp: 677718

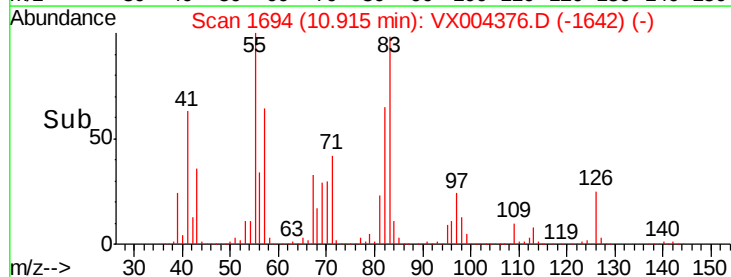
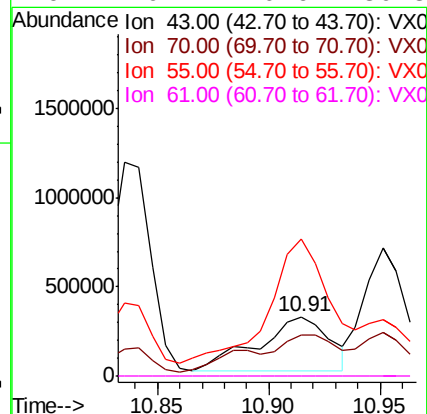
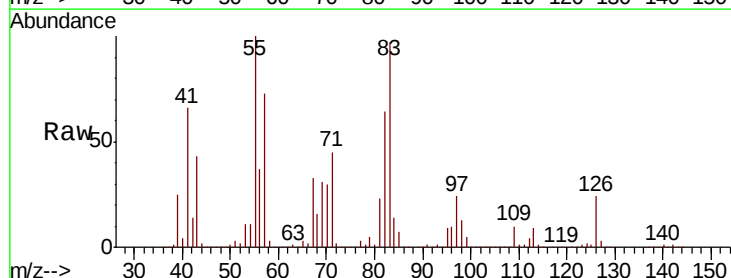
Ion Ratio Lower Upper

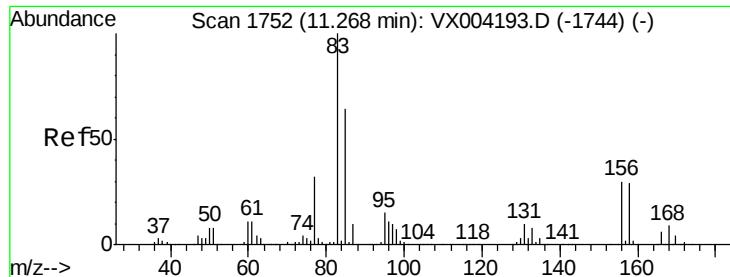
43 100

70 85.3 37.4 56.0#

55 189.5 21.8 32.8#

61 0.1 20.6 30.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 89.29 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

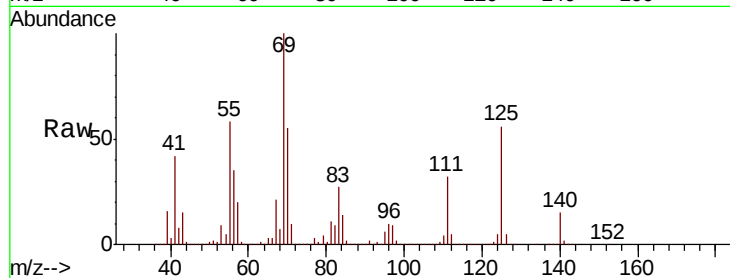
Tot Ion: 83 Resp: 590618

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

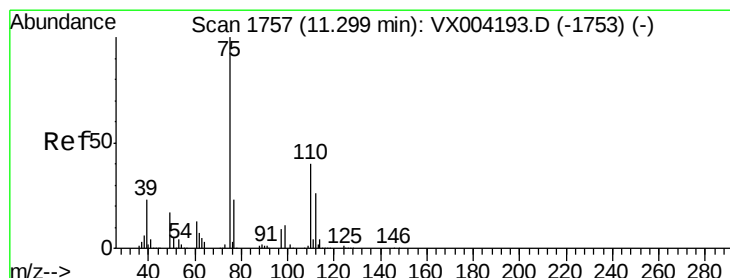
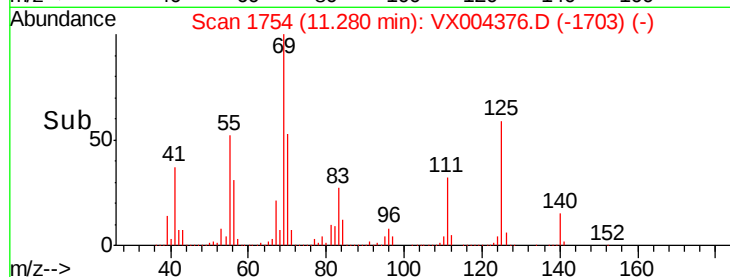
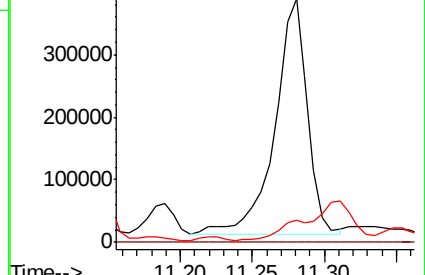
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 2.25 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.06 min

Lab File: VX004376.D

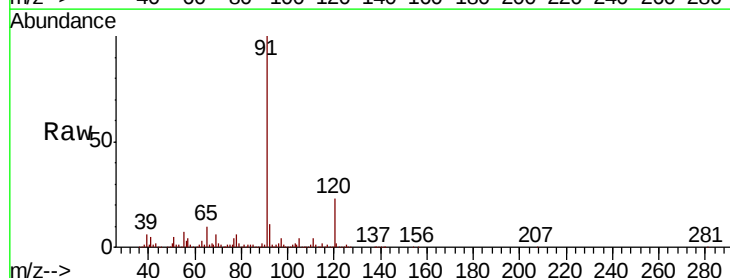
Acq: 05 Sep 2018 18:01

Tgt Ion: 75 Resp: 13141

Ion Ratio Lower Upper

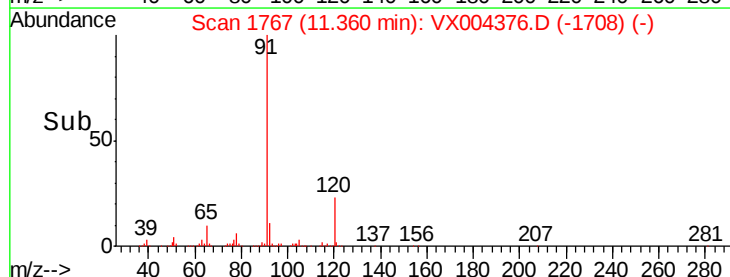
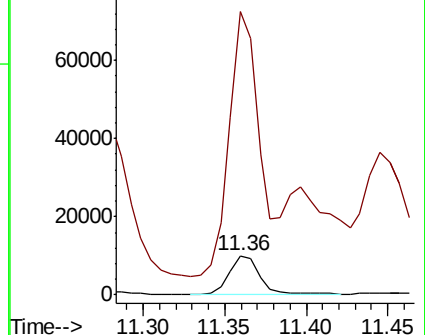
75 100

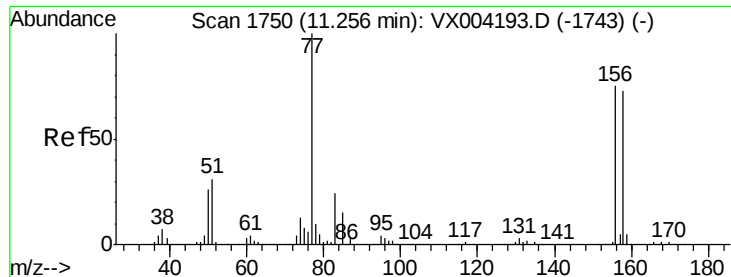
77 683.8 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.51 ug/l

RT: 11.31 min Scan# 1759

Delta R.T. 0.05 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

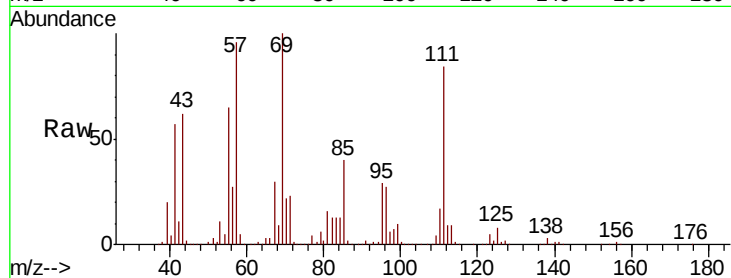
Tot Ion:156 Resp: 2725

Ion Ratio Lower Upper

156 100

77 0.0 71.5 214.3#

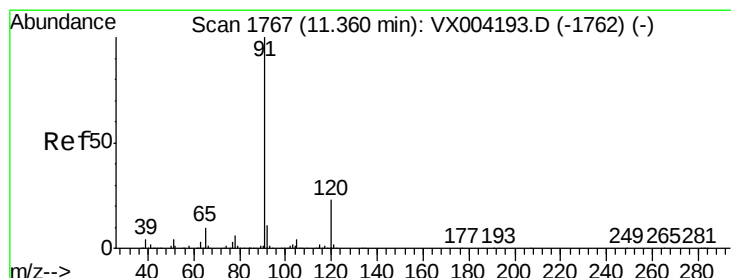
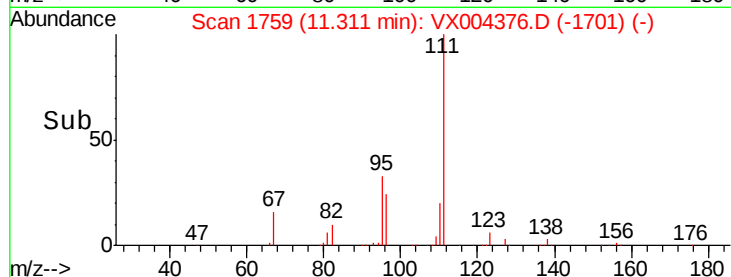
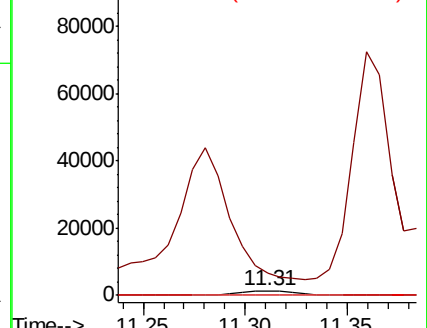
158 0.0 48.9 146.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 104.14 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004376.D

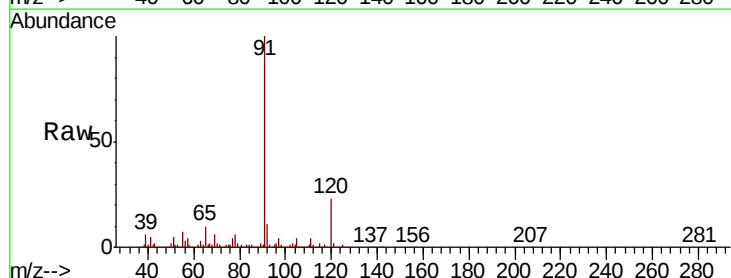
Acq: 05 Sep 2018 18:01

Tgt Ion: 91 Resp: 2263781

Ion Ratio Lower Upper

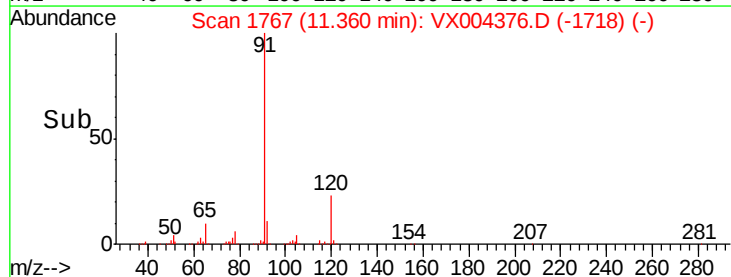
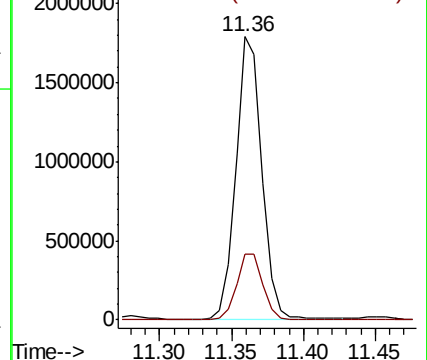
91 100

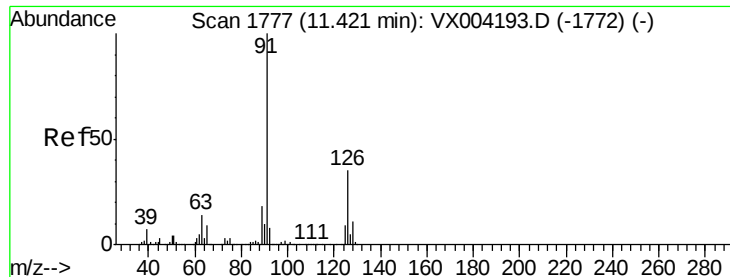
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

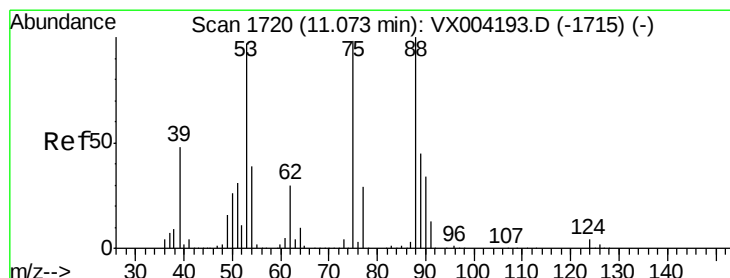
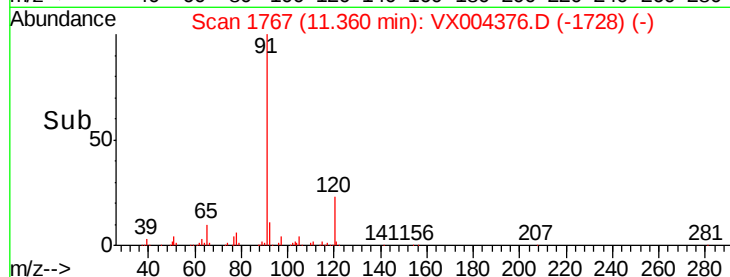
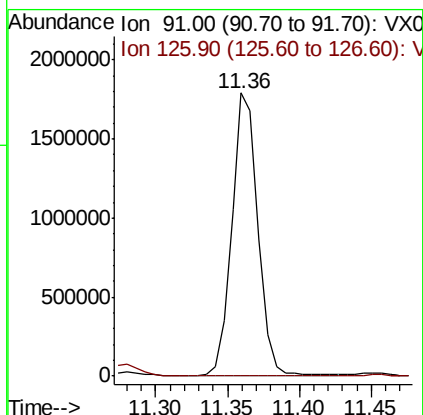
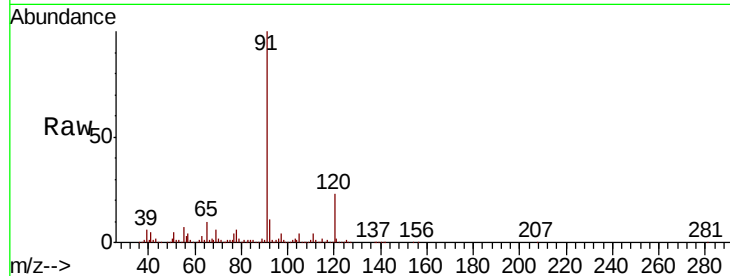




#79
 2-Chlorotoluene
 Concen: 169.19 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. -0.06 min
 Lab File: VX004376.D
 Acq: 05 Sep 2018 18:01

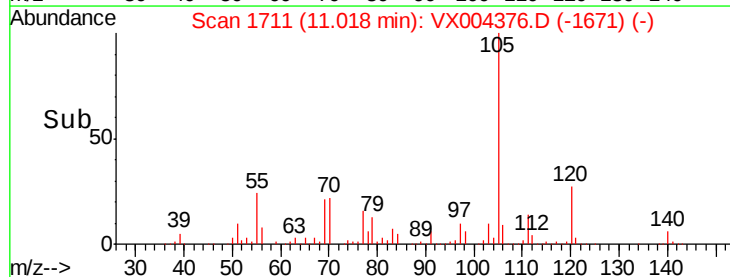
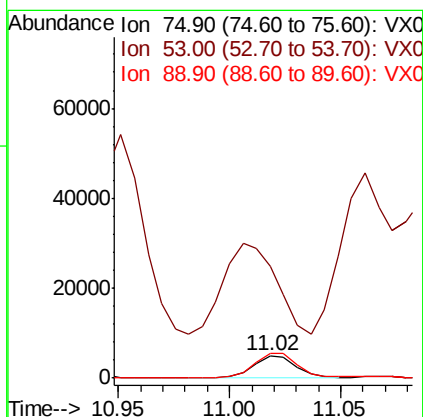
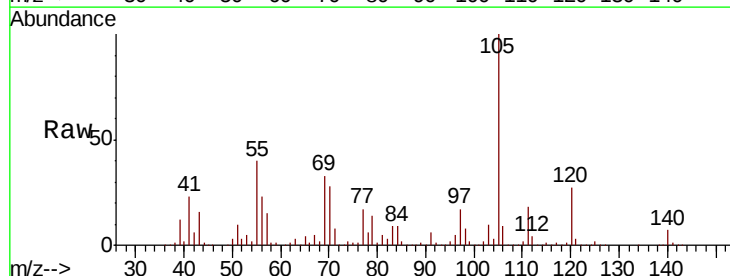
Instrument :
 MSVOA_X
 ClientSampled :

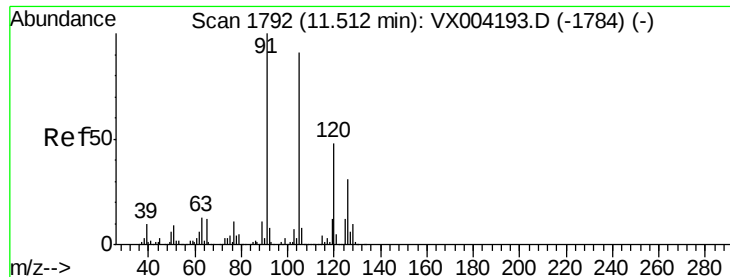
Tot Ion: 91 Resp: 2263781
 Ion Ratio Lower Upper
 91 100
 126 0.1 17.9 53.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.67 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. -0.05 min
 Lab File: VX004376.D
 Acq: 05 Sep 2018 18:01

Tgt Ion: 75 Resp: 6612
 Ion Ratio Lower Upper
 75 100
 53 500.1 80.1 120.1#
 89 111.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 143.78 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.15 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

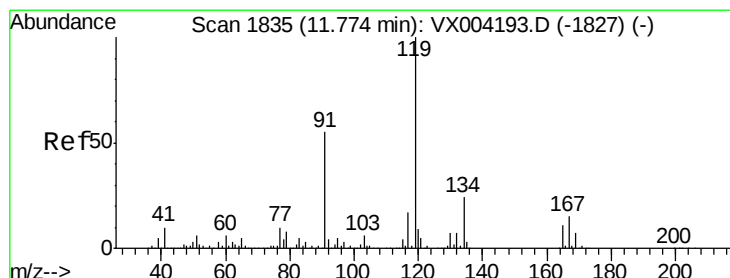
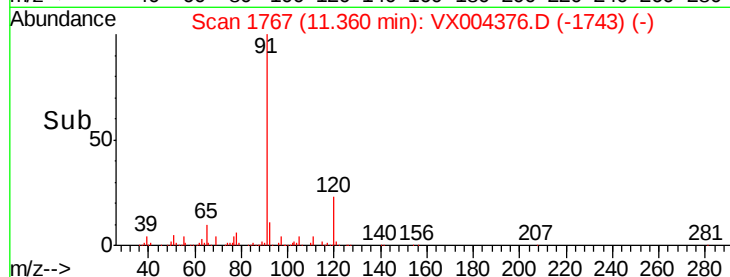
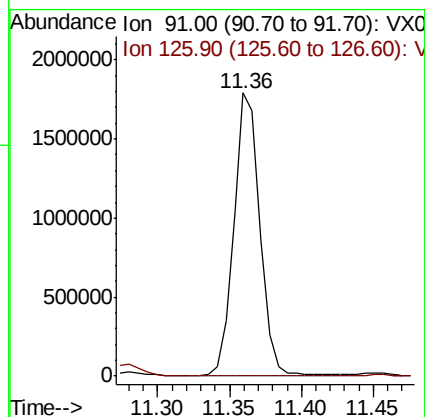
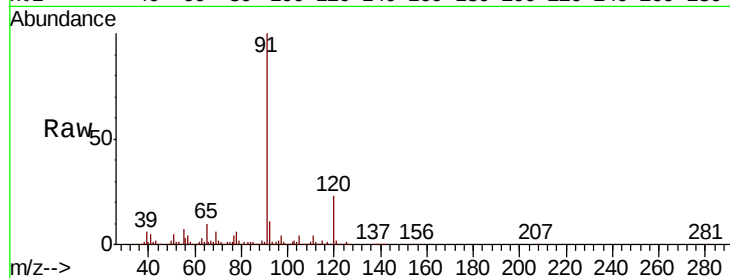
ClientSampleId :

Tot Ion: 91 Resp: 2263781

Ion Ratio Lower Upper

91 100

126 0.1 15.5 46.5#



#83

tert-Butylbenzene

Concen: 14.22 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

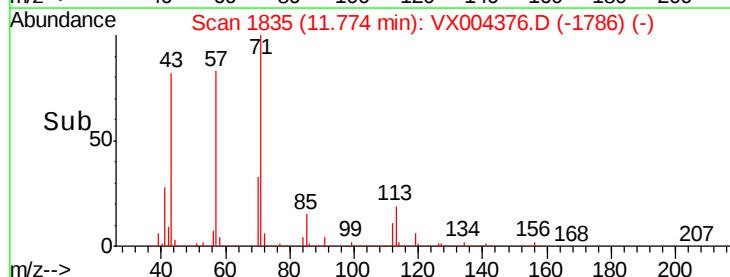
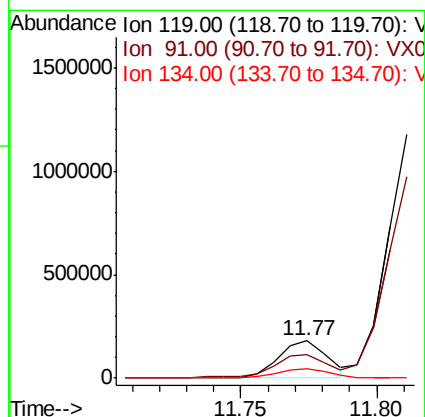
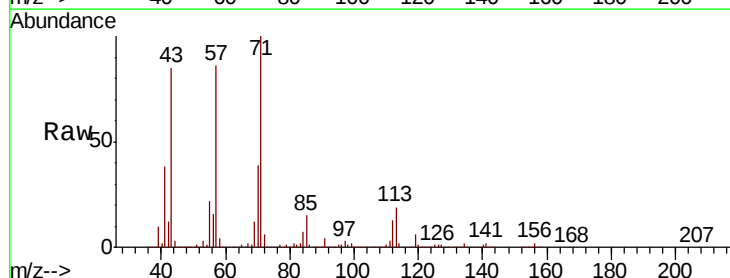
Tgt Ion: 119 Resp: 223976

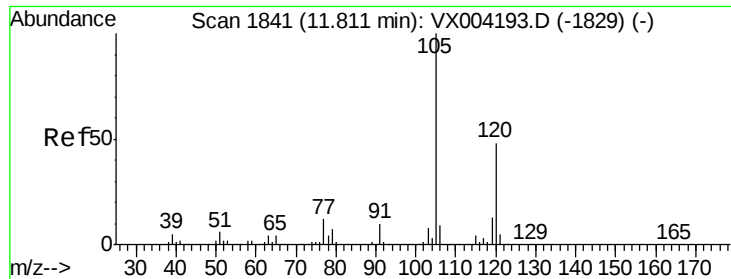
Ion Ratio Lower Upper

119 100

91 66.4 27.0 81.0

134 26.4 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 607.00 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

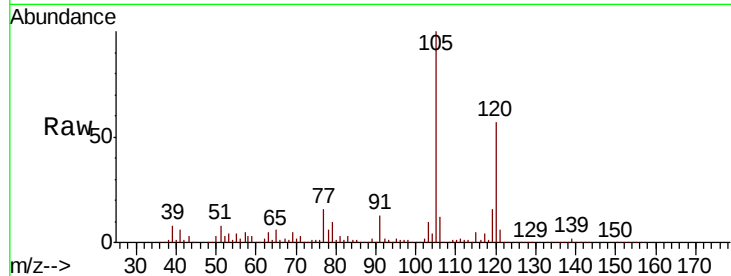
ClientSampleId :

Tot Ion:105 Resp: 9752724

Ion Ratio Lower Upper

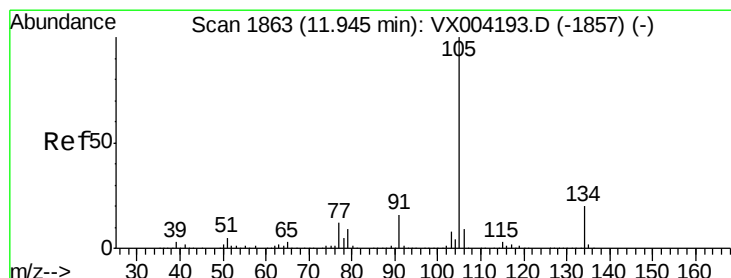
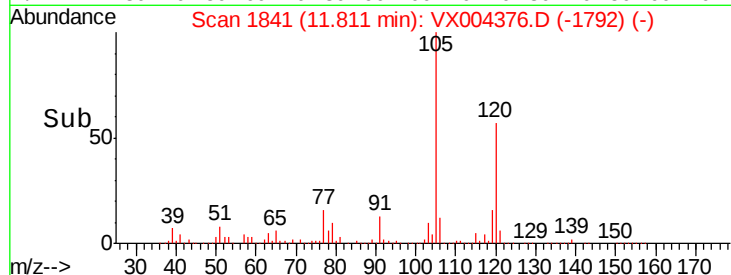
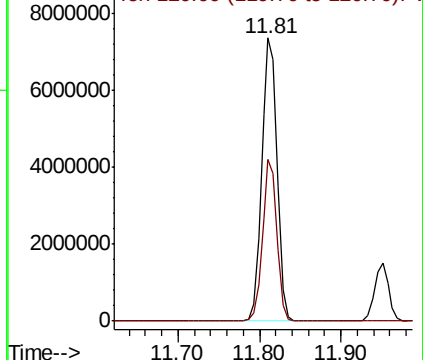
105 100

120 53.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 96.67 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004376.D

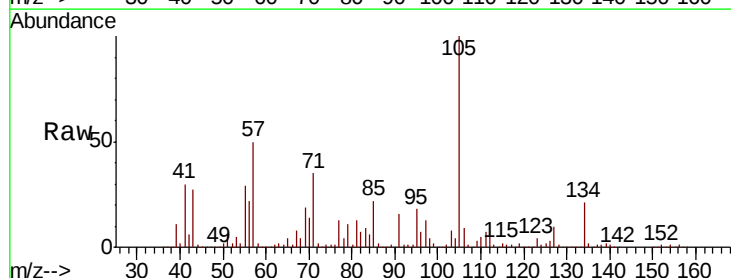
Acq: 05 Sep 2018 18:01

Tgt Ion:105 Resp: 1807372

Ion Ratio Lower Upper

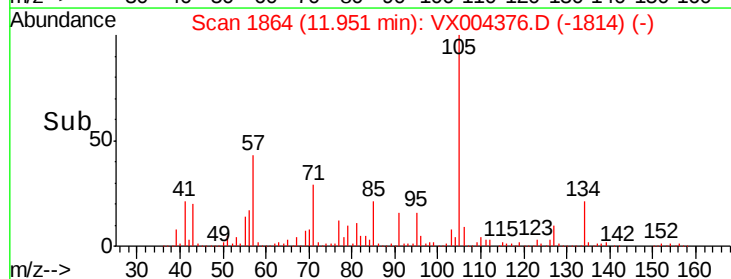
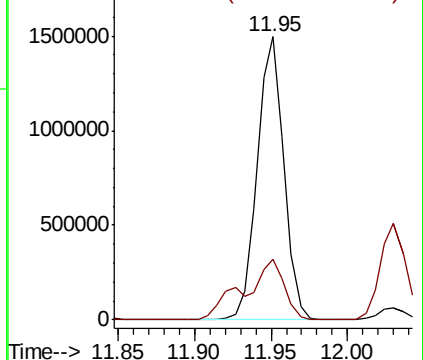
105 100

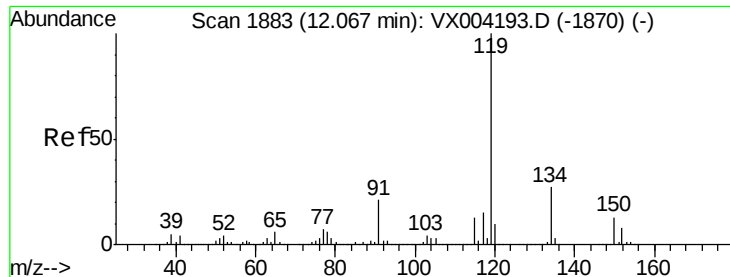
134 32.4 10.5 31.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

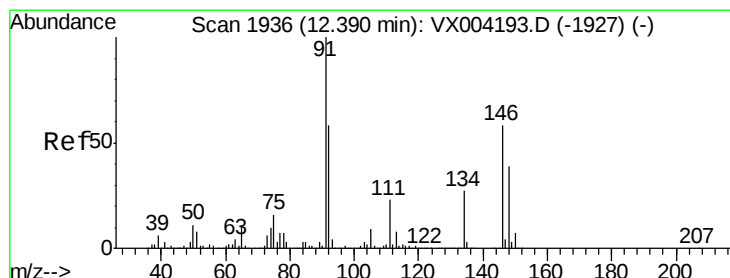
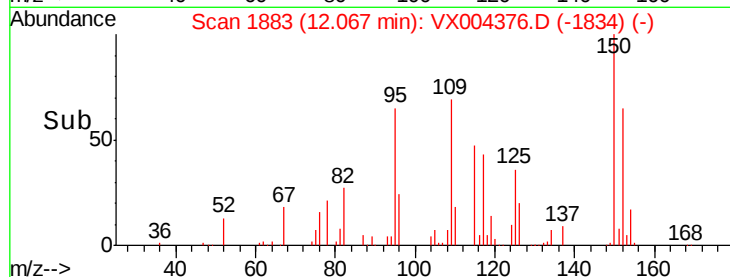
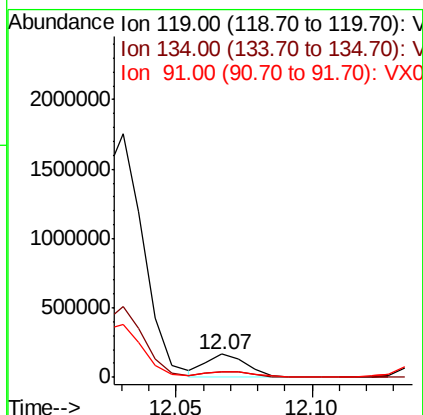
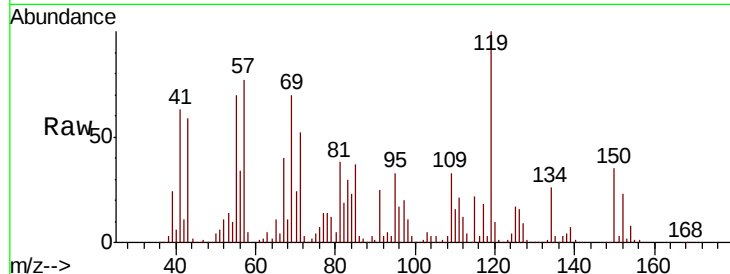




#86
p-Isopropyltoluene
Concen: 10.63 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

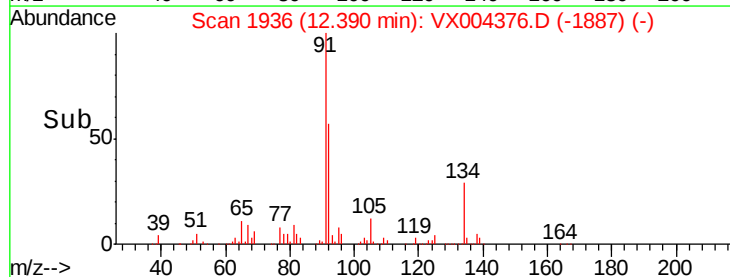
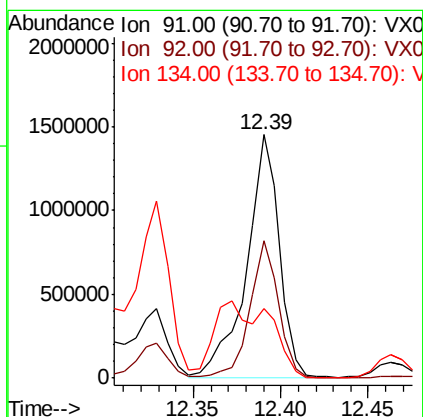
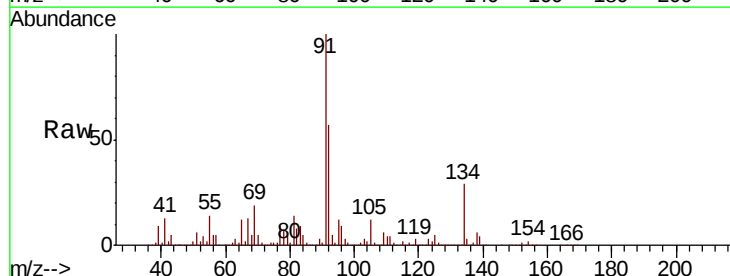
Instrument :
MSVOA_X
ClientSampled :

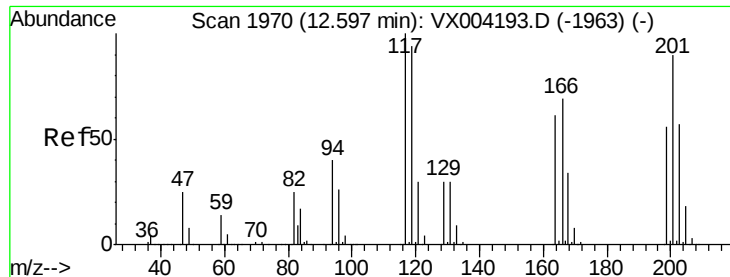
Tot Ion:119 Resp: 178177
Ion Ratio Lower Upper
119 100
134 27.6 13.4 40.2
91 21.7 10.9 32.7



#89
n-Butylbenzene
Concen: 137.06 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Tgt Ion: 91 Resp: 1867432
Ion Ratio Lower Upper
91 100
92 49.8 27.3 81.9
134 54.6 13.6 40.7#





#90

Hexachloroethane

Concen: 84.48 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

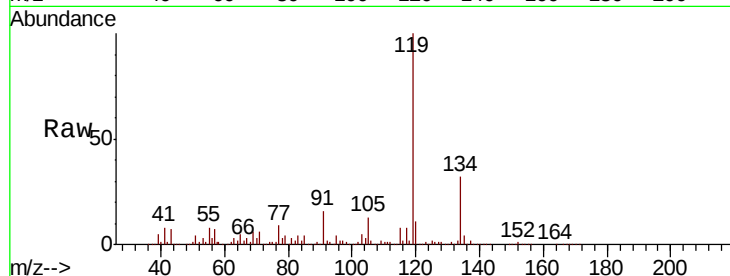
ClientSampleId :

Tot Ion:117 Resp: 197856

Ion Ratio Lower Upper

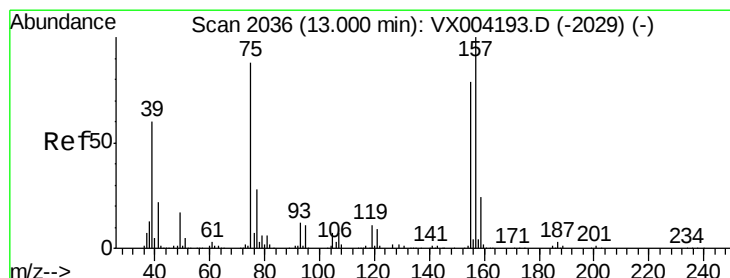
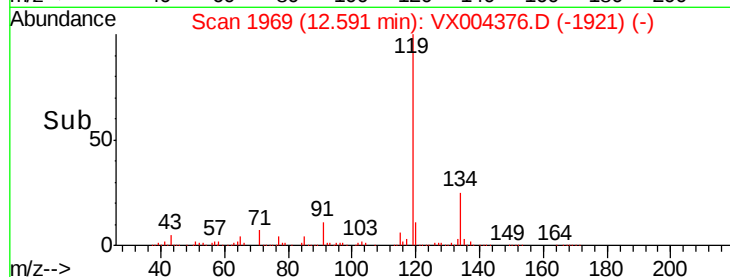
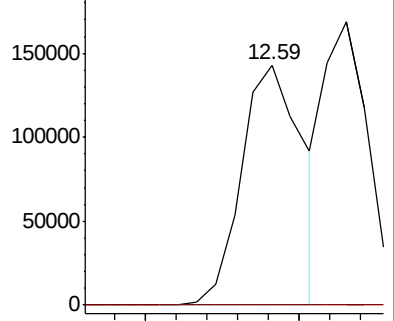
117 100

201 0.0 46.9 140.6#



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: 10.49 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

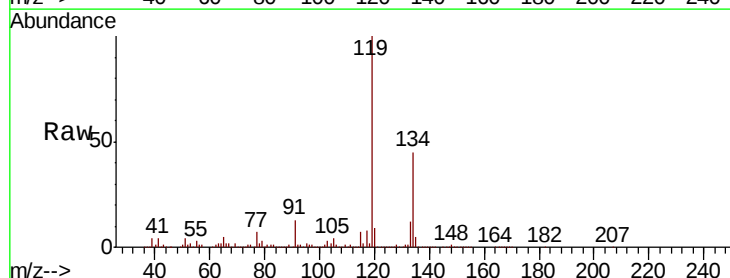
Tgt Ion: 75 Resp: 12226

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

157 0.0 61.4 184.1#



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

