

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082418\
 Data File : VX004249.D
 Acq On : 24 Aug 2018 16:15
 Operator : JC/MD
 Sample : J4652-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SONO-W

Quant Time: Aug 25 00:30:04 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	5.67	168	301706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	410622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260062	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	203182	51.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.34%	
35) Dibromofluoromethane	5.50	113	177515	50.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.42%	
50) Toluene-d8	8.71	98	657048	49.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.14	95	247687	50.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	14899	4.13	ug/l	# 51
5) Bromomethane	1.65	94	720	Below	Cal	# 68
6) Chloroethane	1.91	64	5841	2.80	ug/l	# 55
10) Methyl Iodide	2.51	142	877	4.47	ug/l	# 93
11) Tert butyl alcohol	3.07	59	902	1.08	ug/l	# 83
13) Acrolein	2.29	56	498	2.46	ug/l	# 93
16) Acetone	2.45	43	69398	36.33	ug/l	# 99
17) Carbon Disulfide	2.57	76	4898	1.34	ug/l	# 94
20) Methylene Chloride	2.85	84	3645	0.96	ug/l	# 97
25) 2-Butanone	4.70	43	19344	4.55	ug/l	# 99
29) Tetrahydrofuran	5.16	42	11636	6.89	ug/l	# 99
36) 1,1-Dichloropropene	5.66	75	19867	3.76	ug/l	# 49
37) Ethyl Acetate	4.70	43	19344	3.72	ug/l	# 67
38) Carbon Tetrachloride	5.66	117	26597	5.34	ug/l	# 15
39) Methylcyclohexane	7.46	83	1429	0.24	ug/l	# 89
40) Benzene	6.14	78	11856	0.75	ug/l	# 94
41) Methacrylonitrile	5.17	41	7572	2.51	ug/l	# 45
51) 4-Methyl-2-Pentanone	8.65	43	3569	0.61	ug/l	# 89
52) Toluene	8.79	92	32903	3.33	ug/l	# 98
59) 2-Hexanone	9.51	43	904	0.20	ug/l	# 91
67) Ethyl Benzene	10.26	91	22696	1.36	ug/l	# 99
68) m/p-Xylenes	10.36	106	24107	3.68	ug/l	# 98
69) o-Xylene	10.70	106	19285	3.12	ug/l	# 91
73) Isopropylbenzene	11.02	105	4937	0.29	ug/l	# 91
74) N-amyl acetate	10.82	43	53971	8.21	ug/l	# 33
75) 1,1,2,2-Tetrachloroethane	11.34	83	1766	0.30	ug/l	# 25
76) 1,2,3-Trichloropropane	11.14	75	120074	22.70	ug/l	# 37
78) n-propylbenzene	11.36	91	11973	0.61	ug/l	# 98
79) 2-Chlorotoluene	11.43	91	9642	0.80	ug/l	# 40
80) 1,3,5-Trimethylbenzene	11.51	105	27211	1.92	ug/l	# 94
81) trans-1,4-Dichloro-2-buten	11.14	75	120074	73.66	ug/l	# 9
82) 4-Chlorotoluene	11.51	91	3789	0.27	ug/l	# 56
83) tert-Butylbenzene	11.81	119	11874	0.83	ug/l	# 61
84) 1,2,4-Trimethylbenzene	11.81	105	93754	6.46	ug/l	# 100

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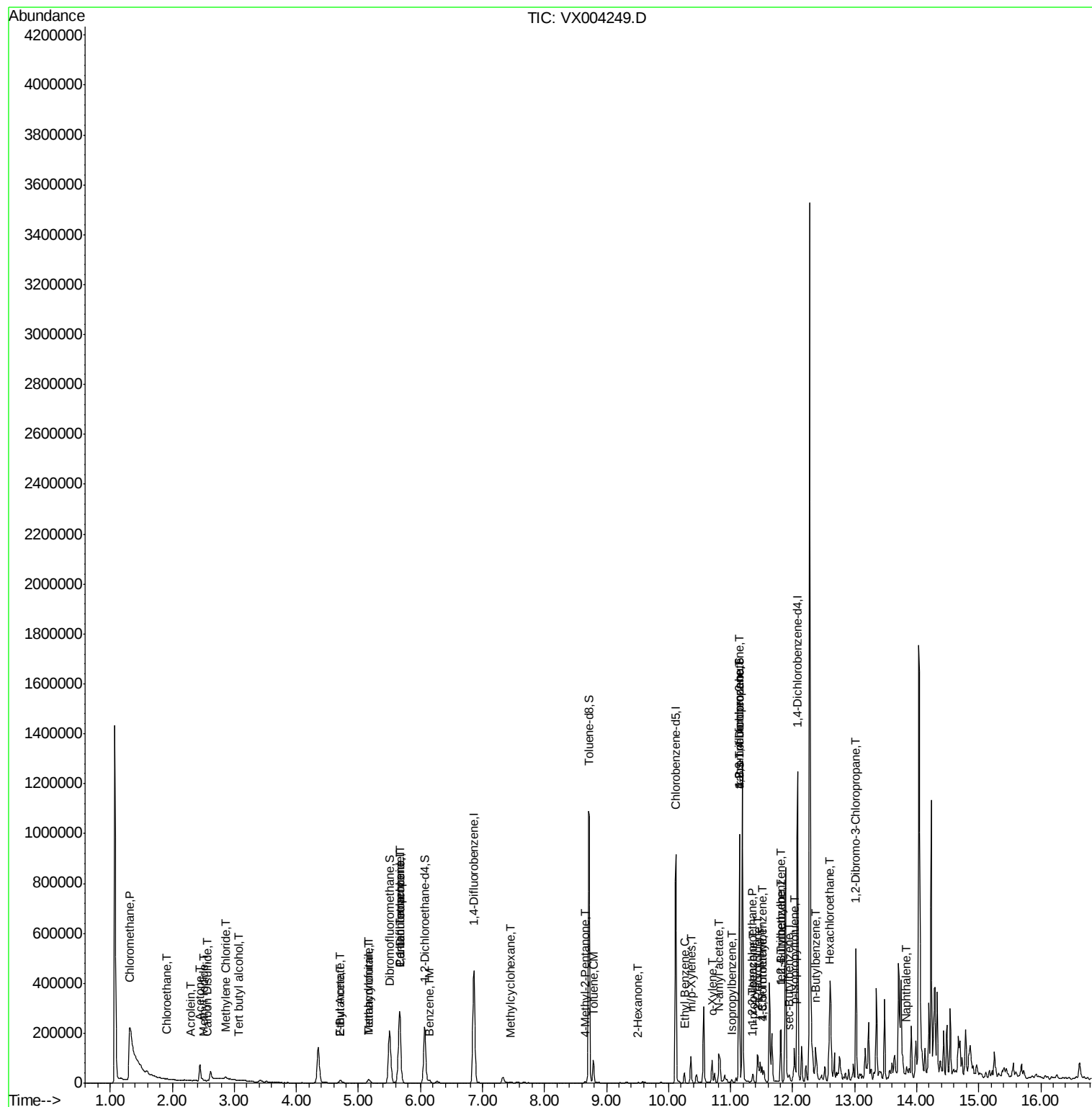
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	6963	0.41	ug/l	90
86) p-Isopropyltoluene	12.02	119	13652	0.90	ug/l	93
89) n-Butylbenzene	12.38	91	14306	1.16	ug/l #	13
90) Hexachloroethane	12.59	117	2867	1.35	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	401	0.38	ug/l #	1
94) Hexachlorobutadiene	13.79	225	264	Below Cal		74
95) Naphthalene	13.83	128	28679	1.69	ug/l #	94

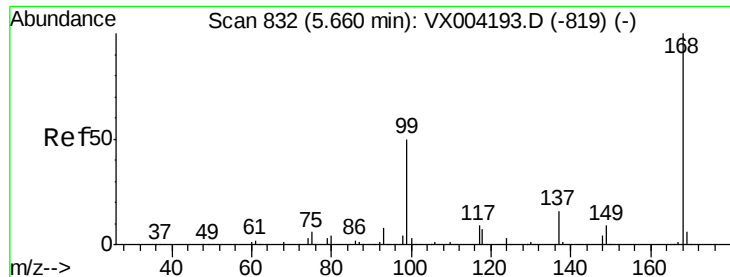
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

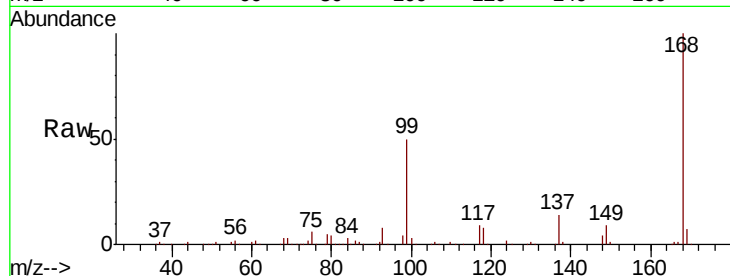
SONO-W

Tot Ion:168 Resp: 301706

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

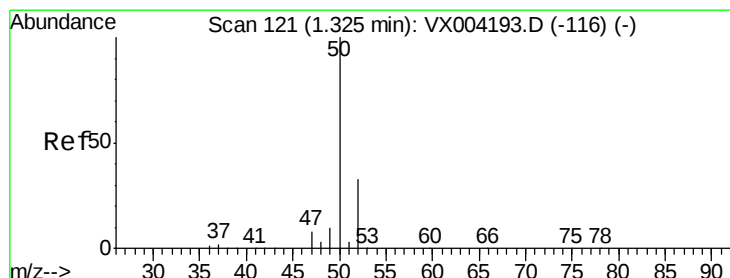
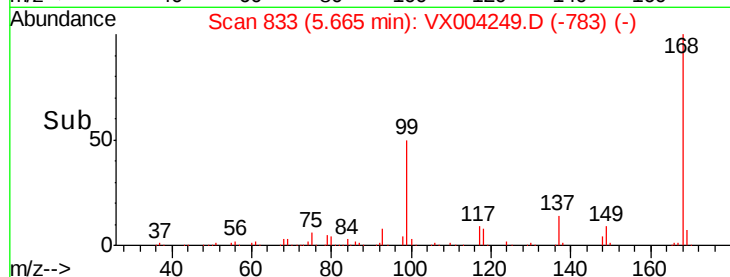
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 4.13 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004249.D

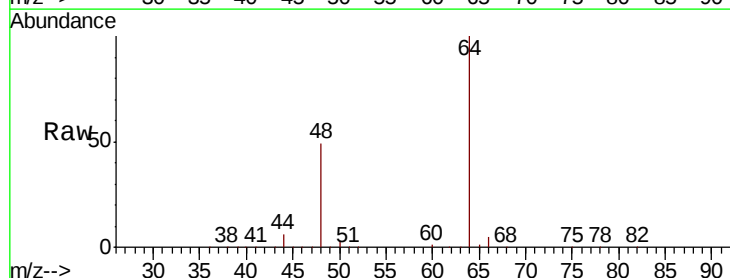
Acq: 24 Aug 2018 16:15

Tgt Ion: 50 Resp: 14899

Ion Ratio Lower Upper

50 100

52 4.8 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

4000

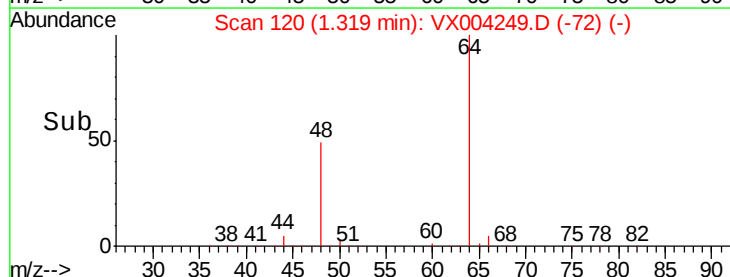
3000

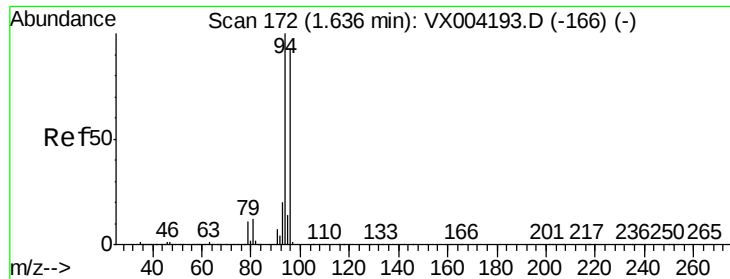
2000

1000

0

Time--> 1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

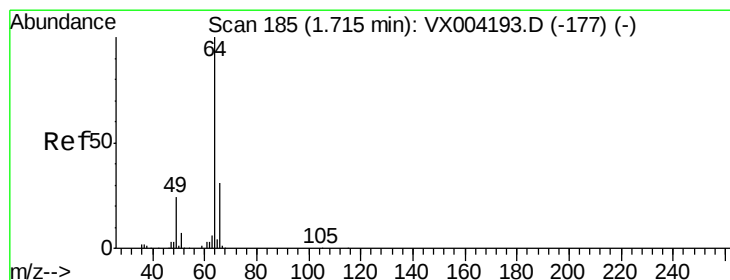
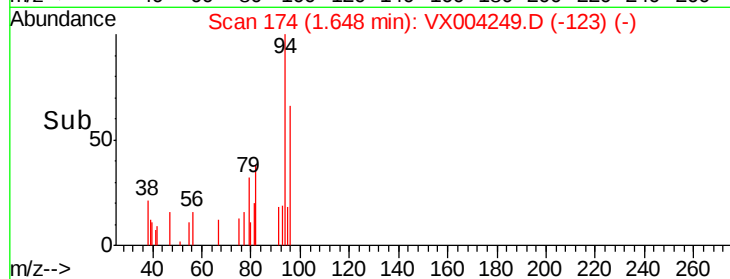
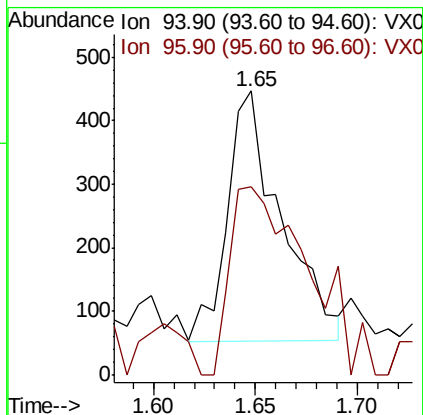
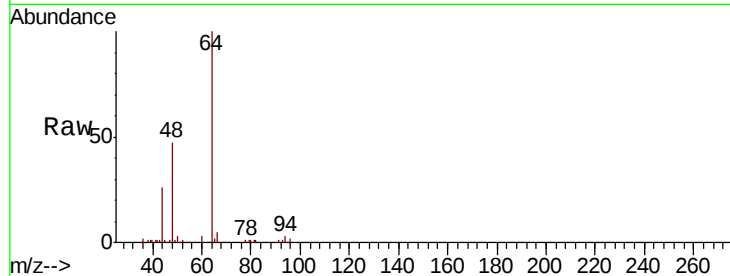
SONO-W

Tot Ion: 94 Resp: 720

Ion Ratio Lower Upper

94 100

96 62.2 74.5 111.7#



#6

Chloroethane

Concen: 2.80 ug/l

RT: 1.91 min Scan# 217

Delta R.T. 0.19 min

Lab File: VX004249.D

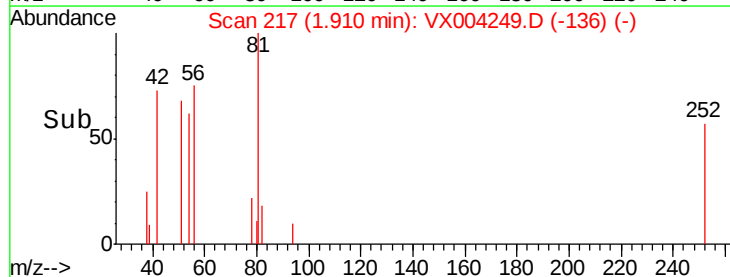
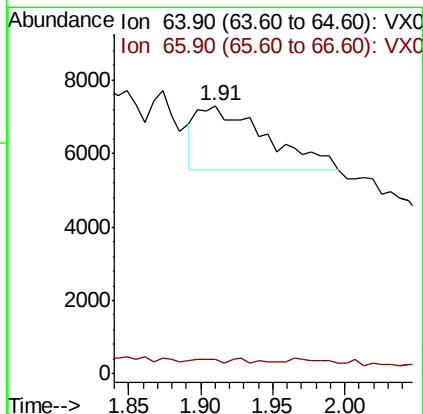
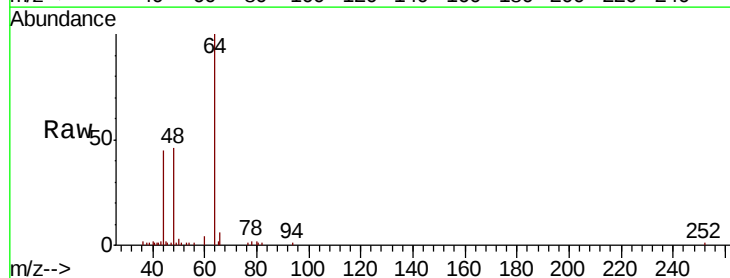
Acq: 24 Aug 2018 16:15

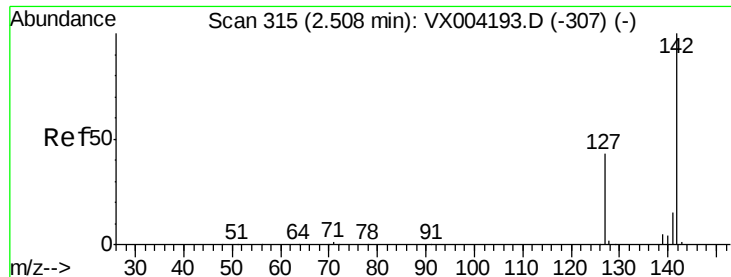
Tgt Ion: 64 Resp: 5841

Ion Ratio Lower Upper

64 100

66 6.1 24.6 36.8#

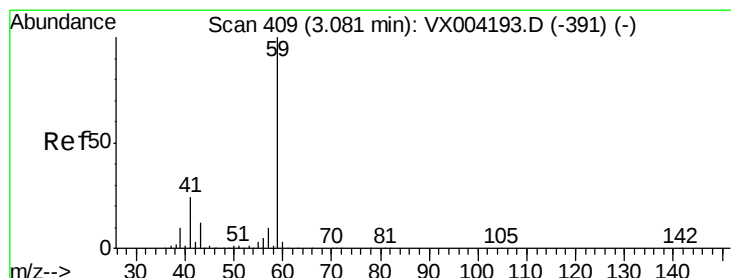
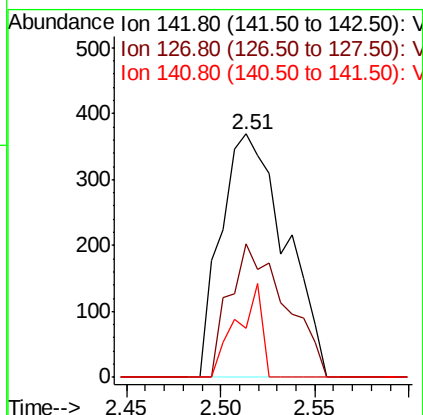
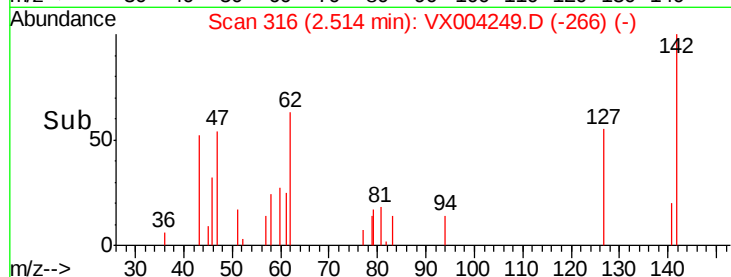
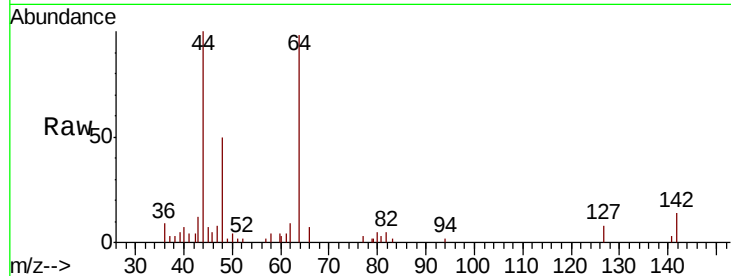




#10
Methyl Iodide
Concen: 4.47 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

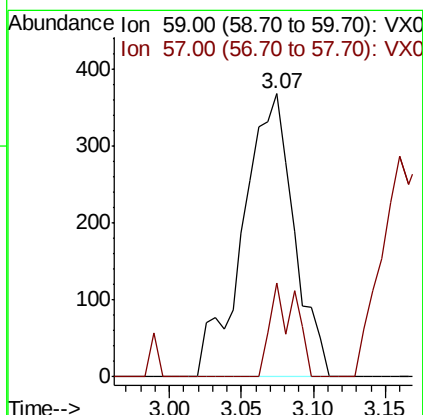
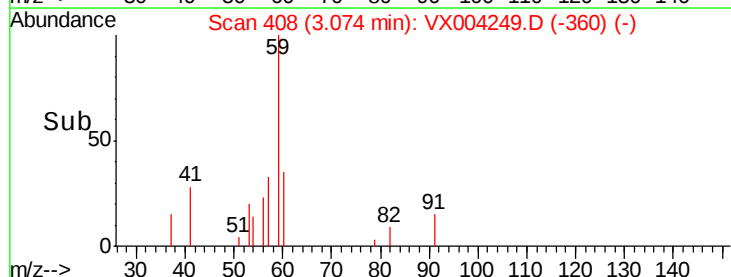
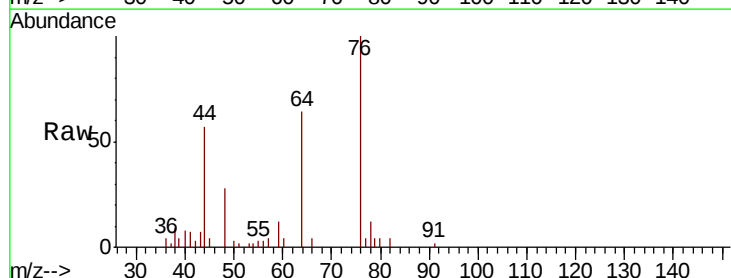
Instrument :
MSVOA_X
ClientSampled :
SONO-W

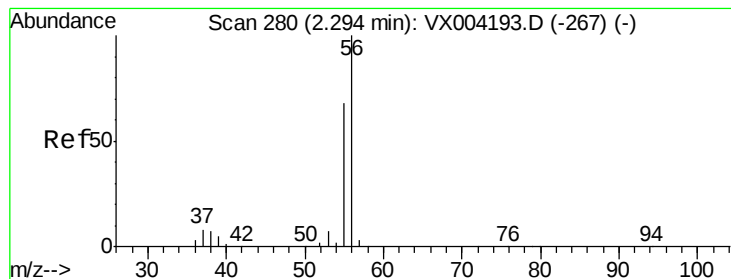
Tot Ion:142 Resp: 877
Ion Ratio Lower Upper
142 100
127 47.5 33.8 50.6
141 14.9 11.4 17.0



#11
Tert butyl alcohol
Concen: 1.08 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 59 Resp: 902
Ion Ratio Lower Upper
59 100
57 16.6 8.2 12.4#





#13

Acrolein

Concen: 2.46 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

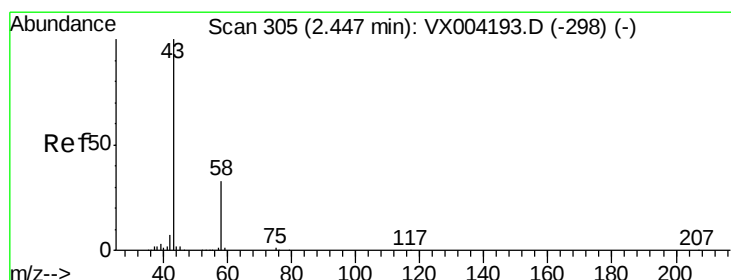
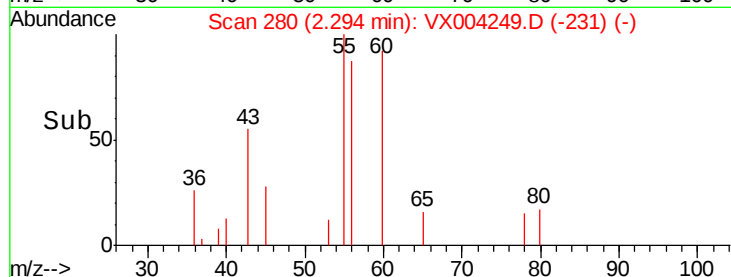
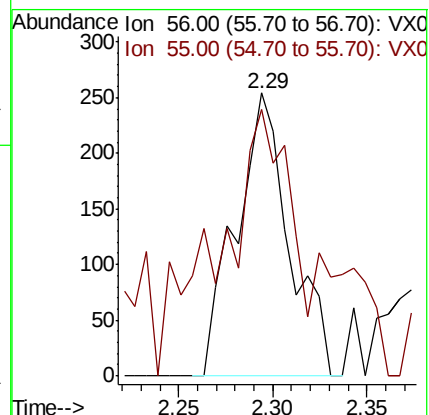
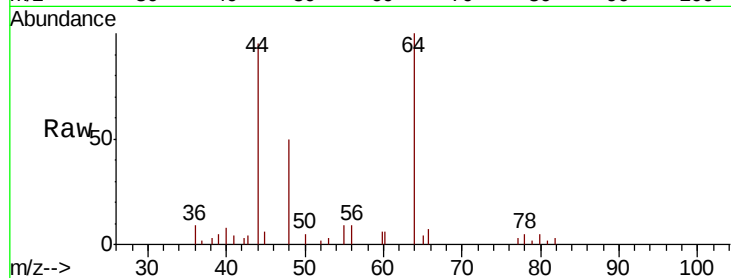
SONO-W

Tot Ion: 56 Resp: 498

Ion Ratio Lower Upper

56 100

55 63.1 54.7 82.1



#16

Acetone

Concen: 36.33 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004249.D

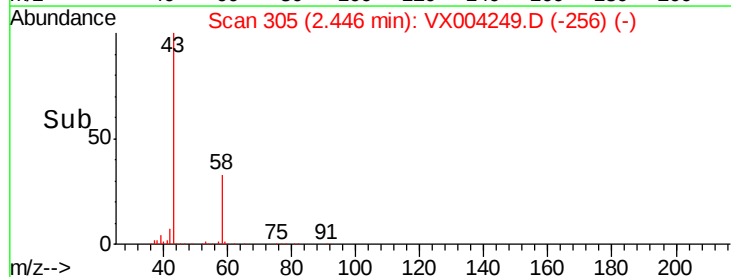
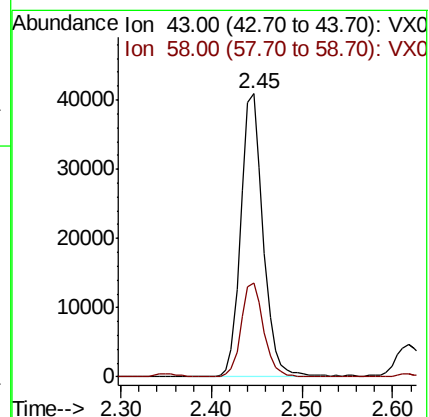
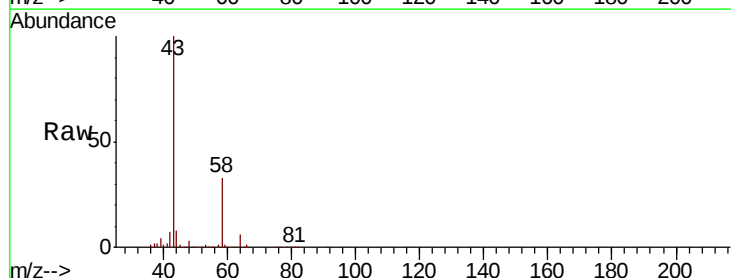
Acq: 24 Aug 2018 16:15

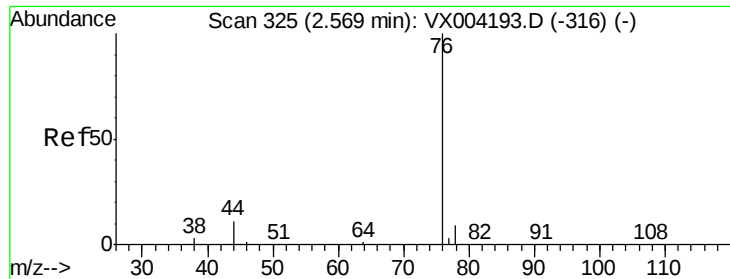
Tgt Ion: 43 Resp: 69398

Ion Ratio Lower Upper

43 100

58 33.5 26.2 39.4





#17

Carbon Disulfide

Concen: 1.34 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

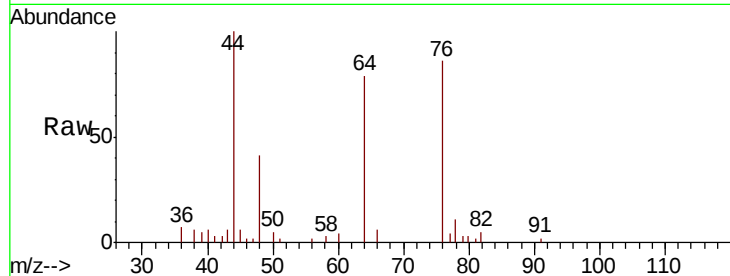
SONO-W

Tot Ion: 76 Resp: 4898

Ion Ratio Lower Upper

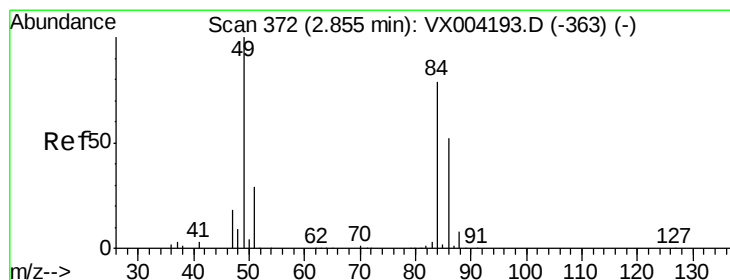
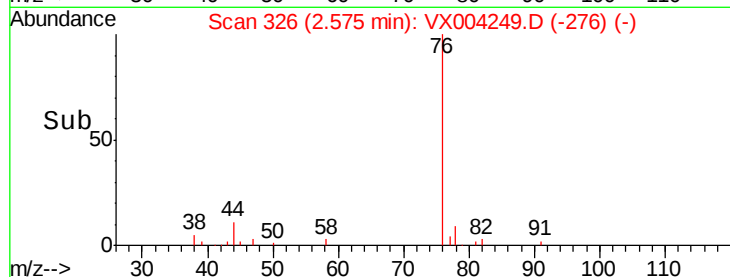
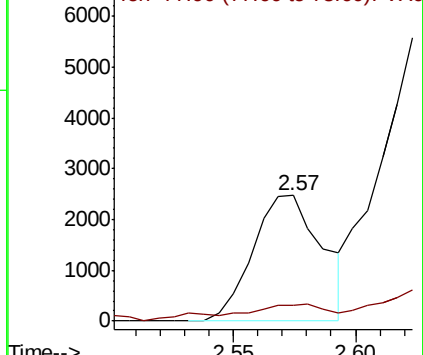
76 100

78 6.6 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#20

Methylene Chloride

Concen: 0.96 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Tgt Ion: 84 Resp: 3645

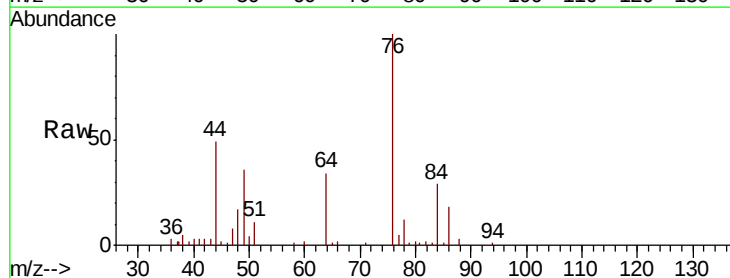
Ion Ratio Lower Upper

84 100

49 124.1 101.2 151.8

51 39.3 29.5 44.3

86 62.3 52.3 78.5

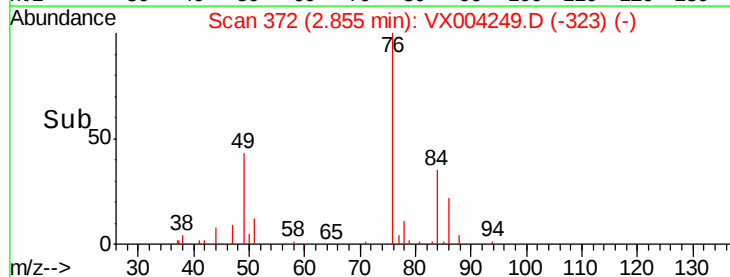
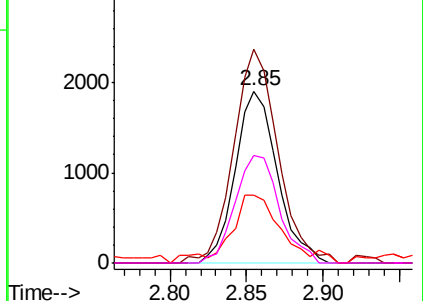


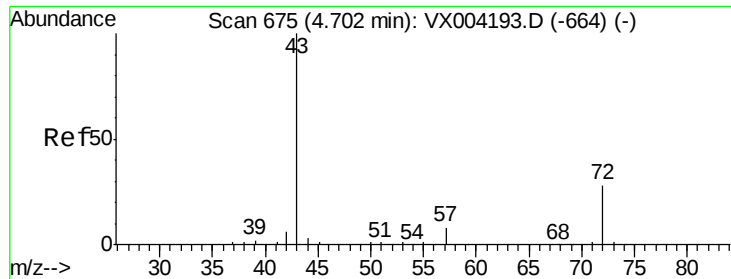
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 4.55 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

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ClientSampleId :

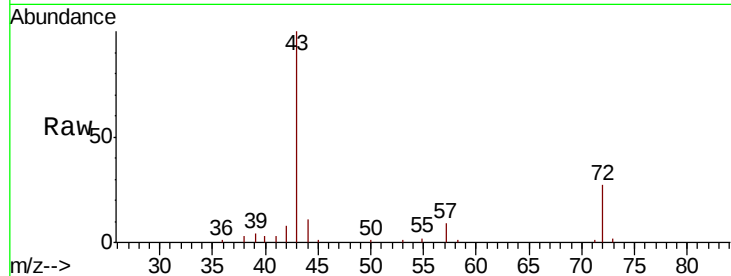
SONO-W

Tot Ion: 43 Resp: 19344

Ion Ratio Lower Upper

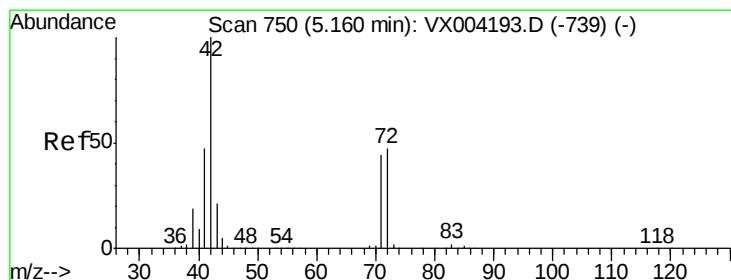
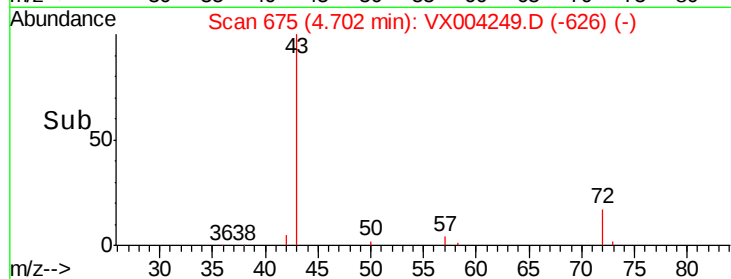
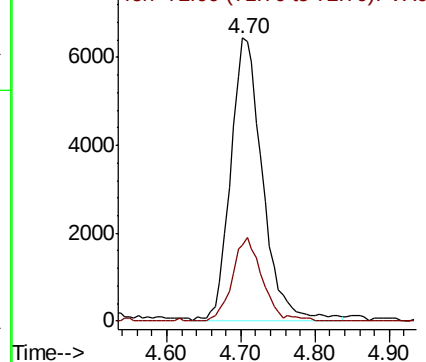
43 100

72 26.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 6.89 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

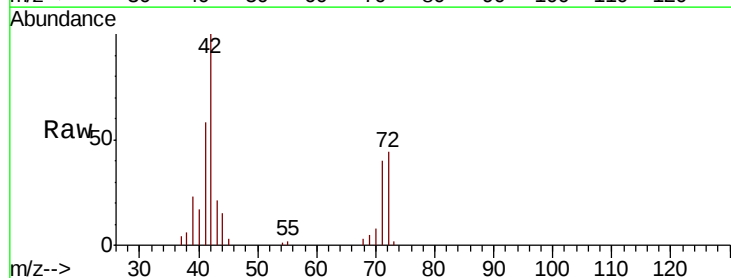
Tgt Ion: 42 Resp: 11636

Ion Ratio Lower Upper

42 100

72 47.2 37.4 56.0

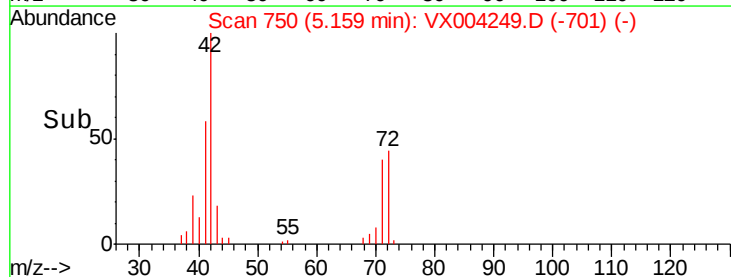
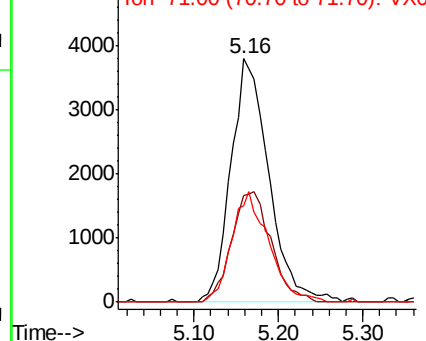
71 44.5 34.5 51.7

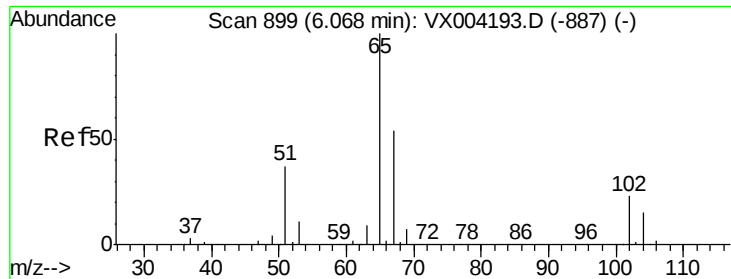


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

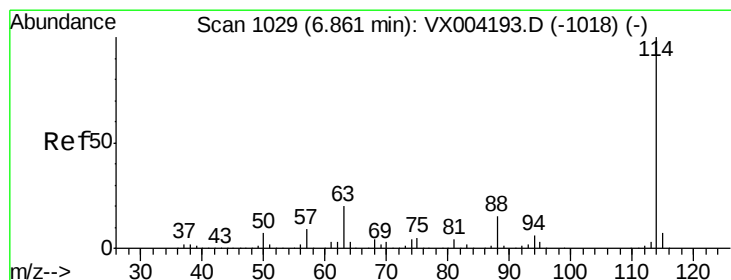
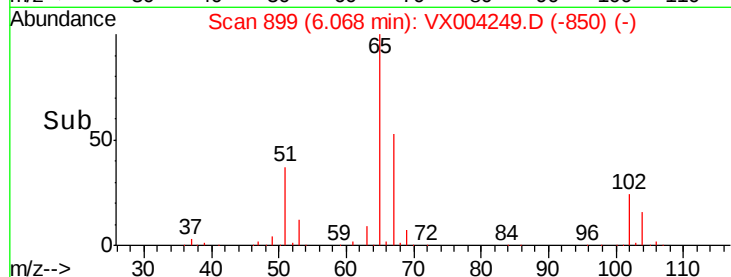
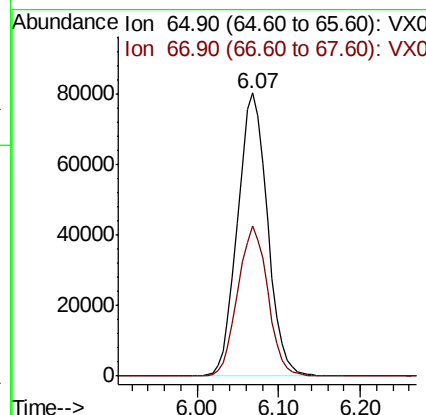
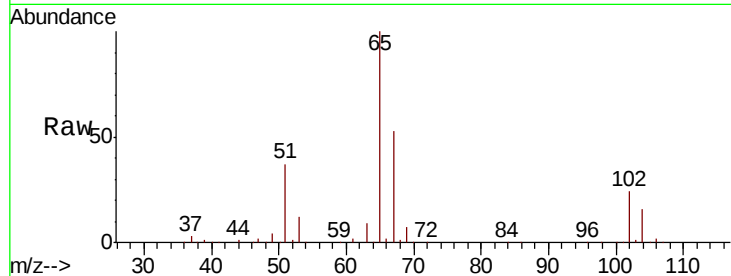




#33
 1,2-Dichloroethane-d4
 Concen: 51.67 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004249.D
 Acq: 24 Aug 2018 16:15

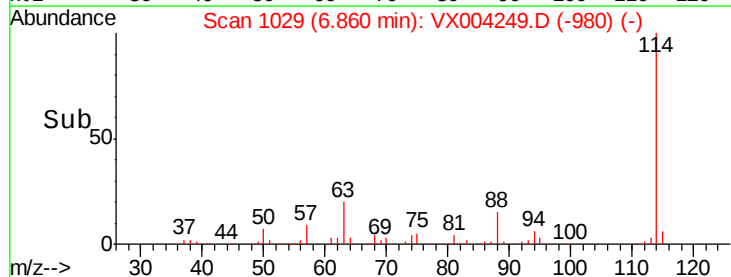
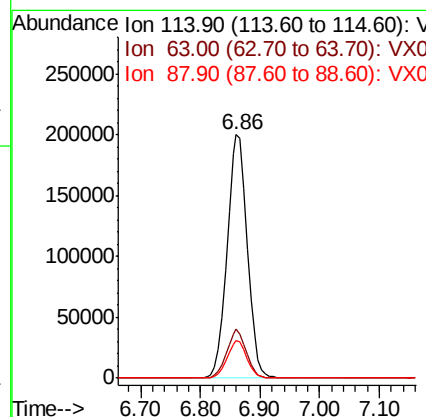
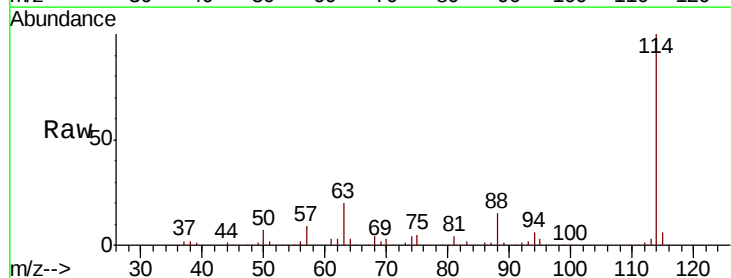
Instrument :
 MSVOA_X
 ClientSampleId :
 SONO-W

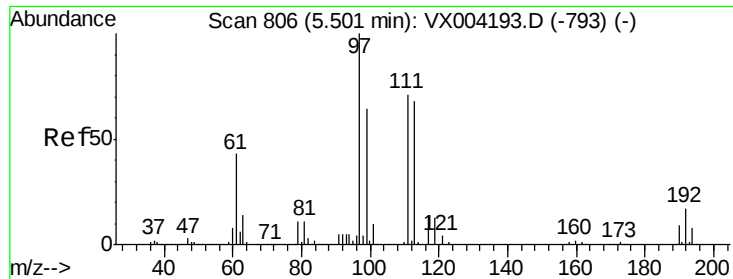
Tot Ion: 65 Resp: 203182
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004249.D
 Acq: 24 Aug 2018 16:15

Tgt Ion: 114 Resp: 470554
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.5 0.0 30.4

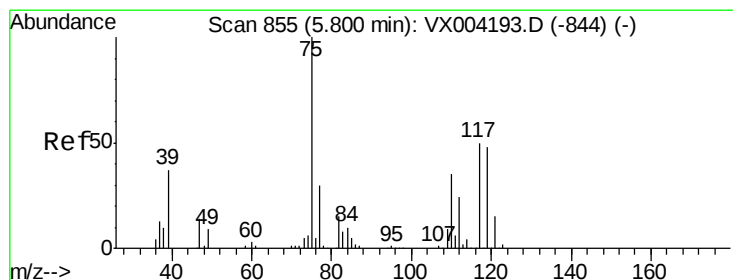
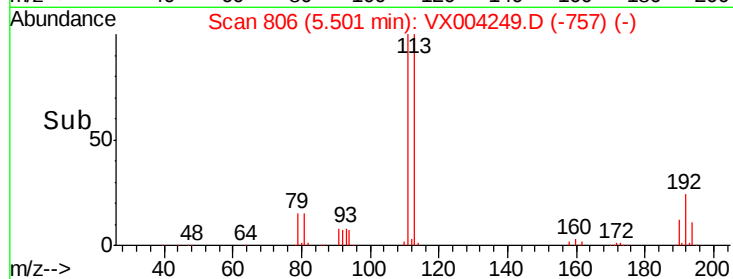
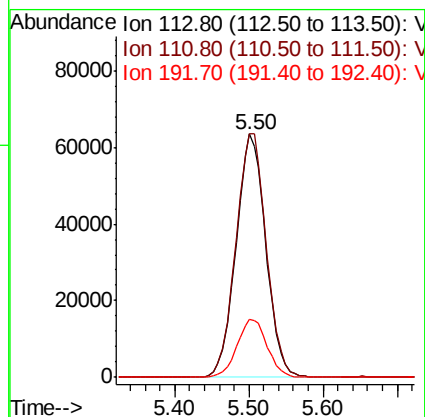
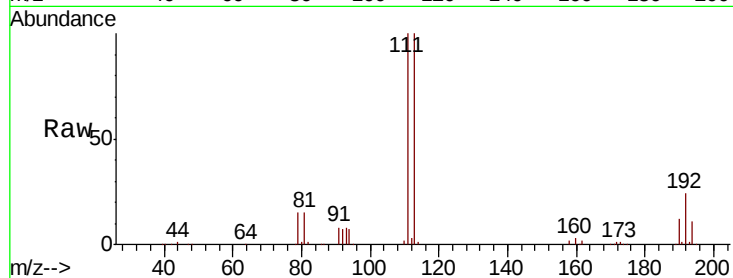




#35
 Dibromofluoromethane
 Concen: 50.71 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004249.D
 Acq: 24 Aug 2018 16:15

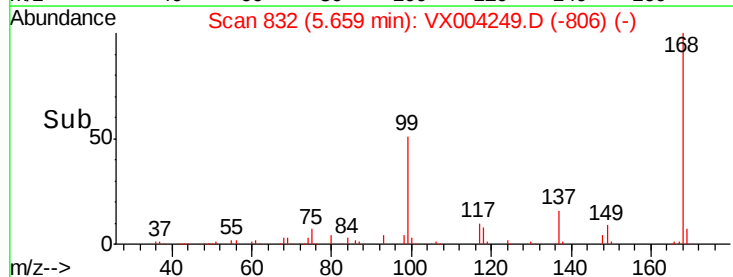
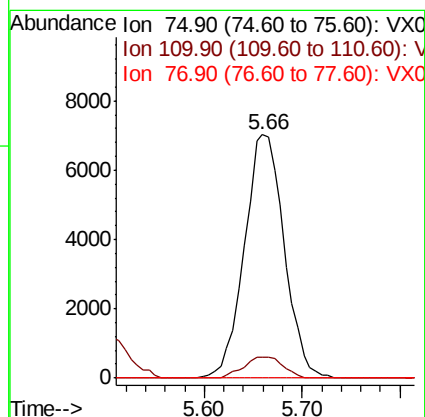
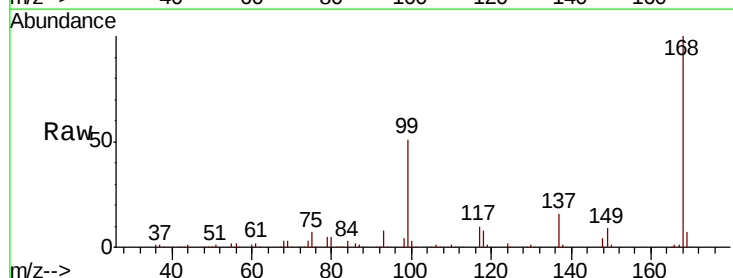
Instrument :
 MSVOA_X
 ClientSampleId :
 SONO-W

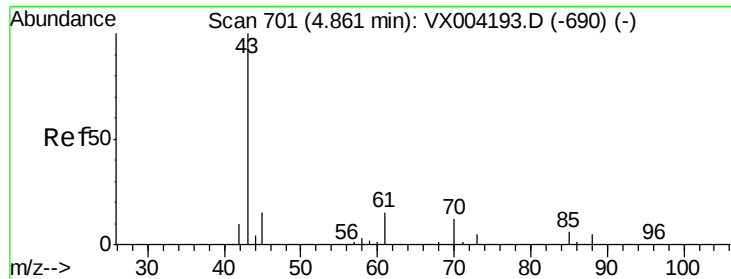
Tot Ion:113 Resp: 177515
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 24.2 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 3.76 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX004249.D
 Acq: 24 Aug 2018 16:15

Tgt Ion: 75 Resp: 19867
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.0 54.0#
 77 0.0 24.6 36.8#

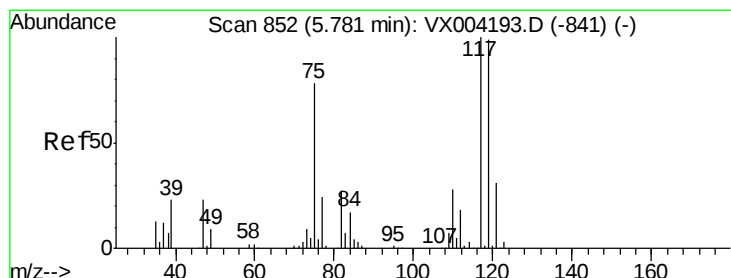
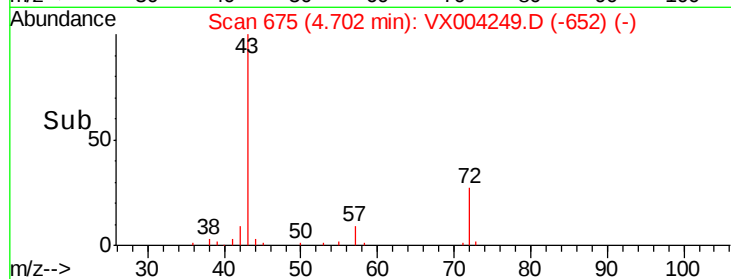
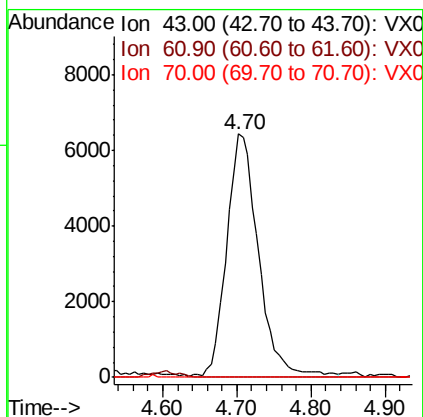
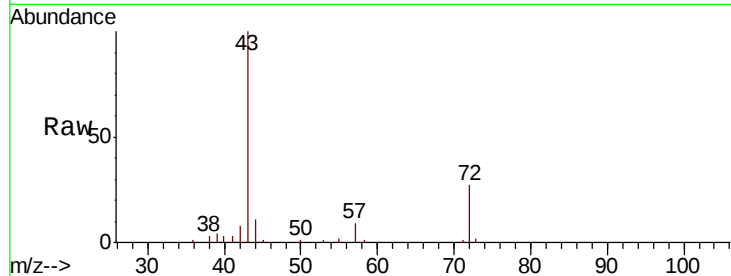




#37
Ethyl Acetate
Concen: 3.72 ug/l
RT: 4.70 min Scan# 675
Delta R.T. -0.16 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

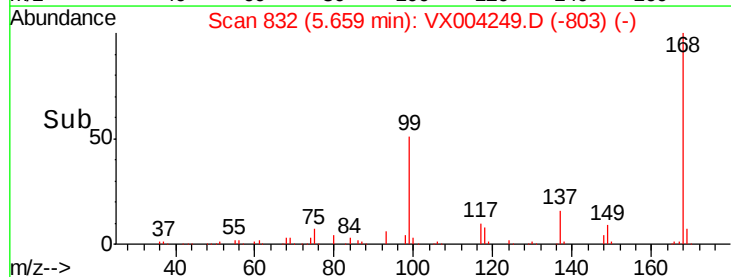
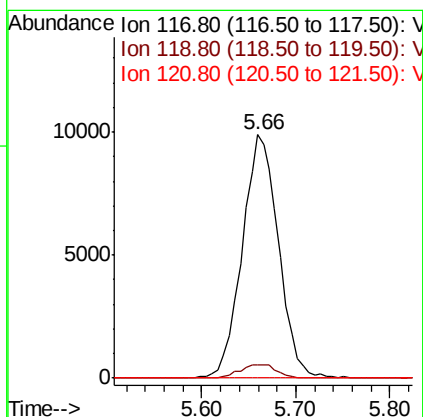
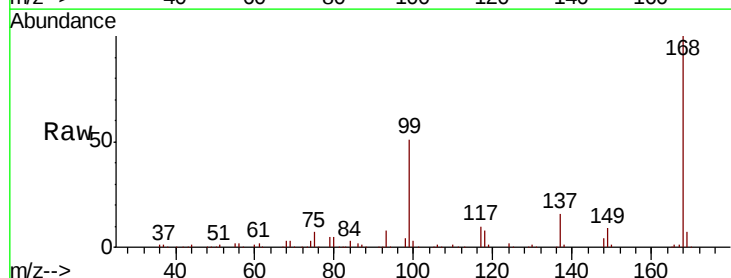
Instrument :
MSVOA_X
ClientSampled :
SONO-W

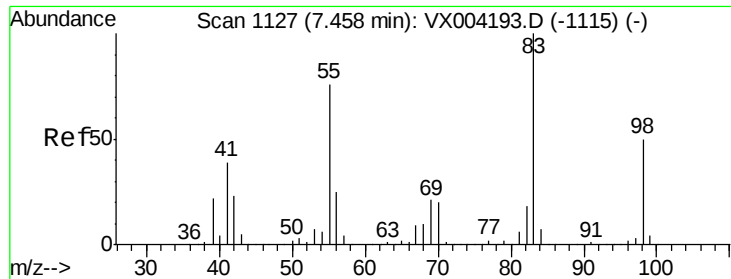
Tot Ion: 43 Resp: 19344
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.0 13.6#



#38
Carbon Tetrachloride
Concen: 5.34 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.12 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 117 Resp: 26597
Ion Ratio Lower Upper
117 100
119 5.6 78.8 118.2#
121 0.0 24.9 37.3#

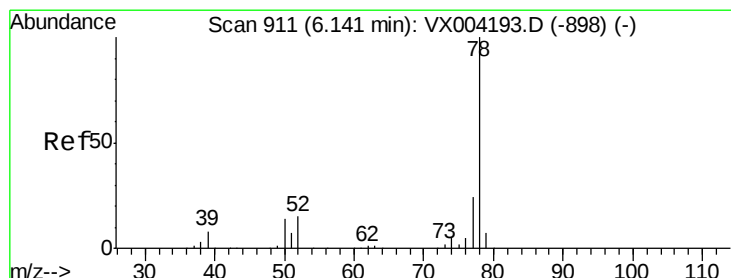
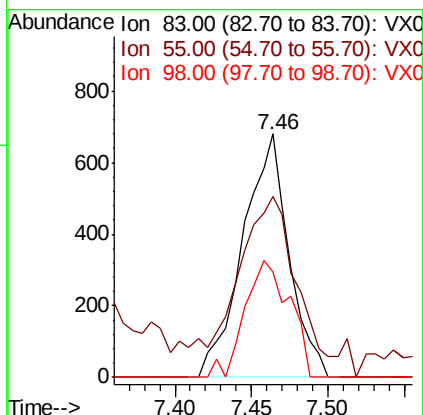
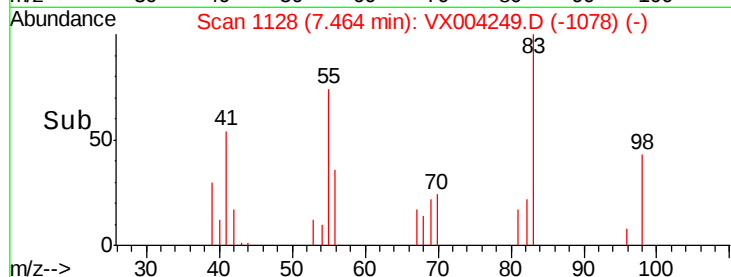
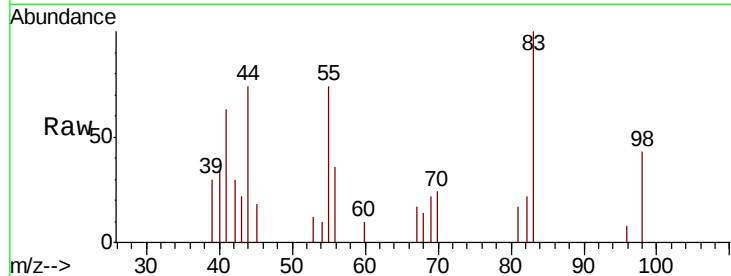




#39
Methvlcvclohexane
Concen: 0.24 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

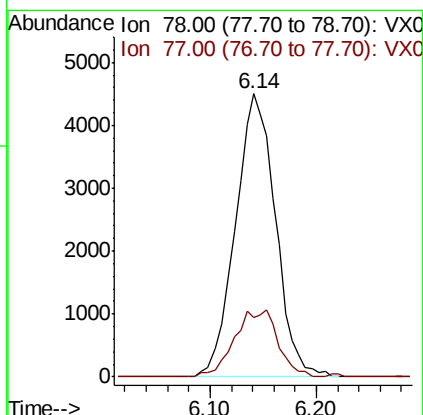
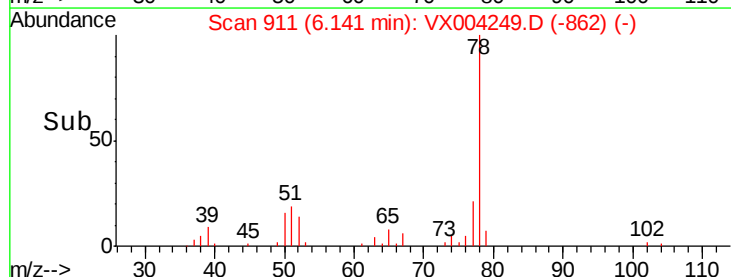
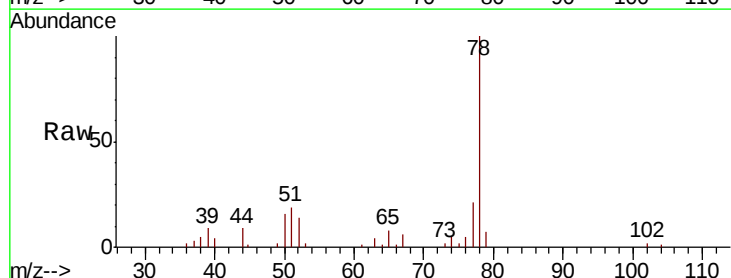
Instrument :
MSVOA_X
ClientSampleId :
SONO-W

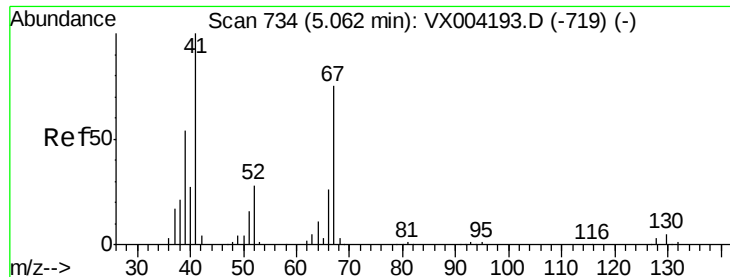
Tot Ion: 83 Resp: 1429
Ion Ratio Lower Upper
83 100
55 65.7 61.0 91.4
98 43.2 39.6 59.4



#40
Benzene
Concen: 0.75 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 78 Resp: 11856
Ion Ratio Lower Upper
78 100
77 20.8 19.0 28.4

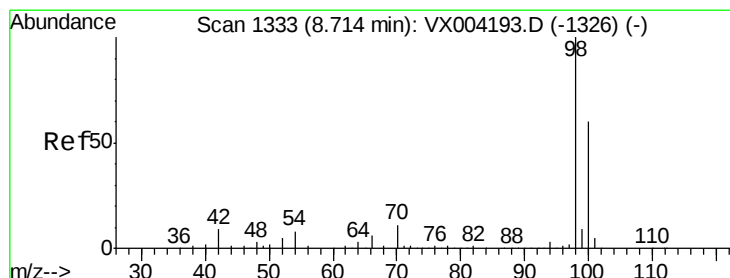
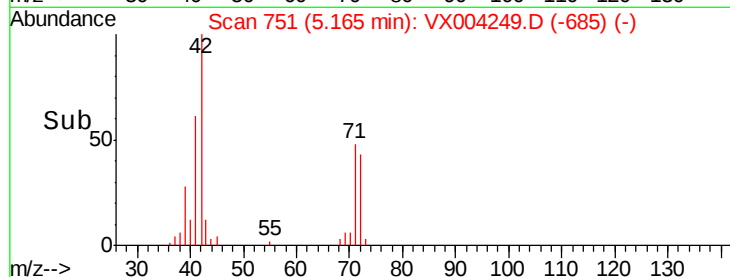
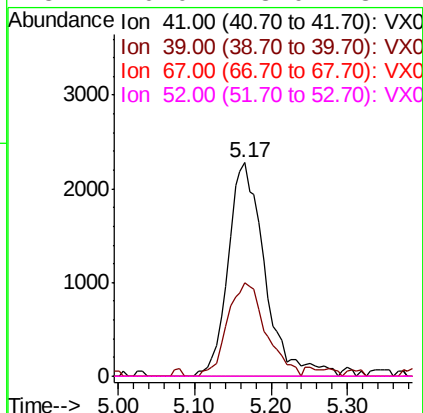
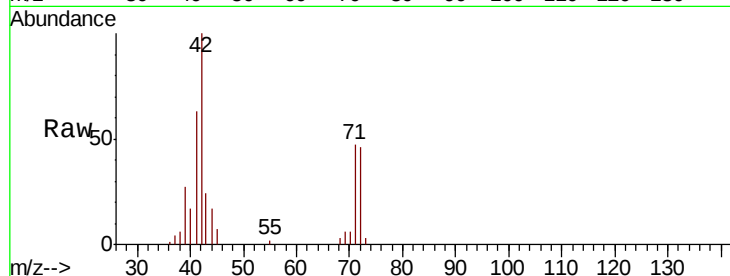




#41
Methacrylonitrile
Concen: 2.51 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.10 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

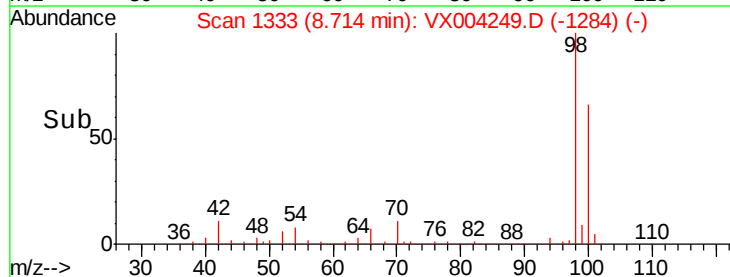
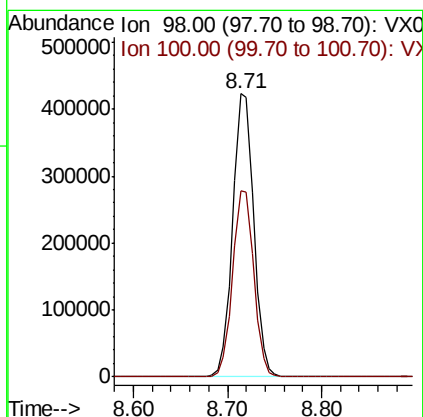
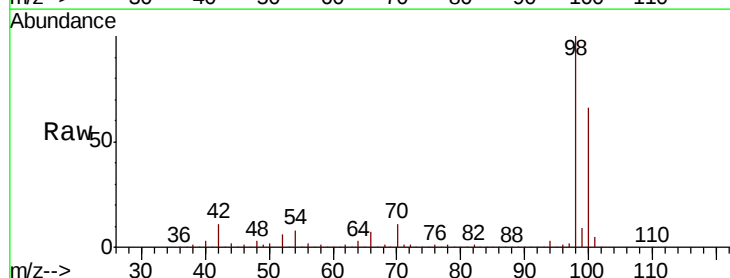
Instrument :
MSVOA_X
ClientSampleId :
SONO-W

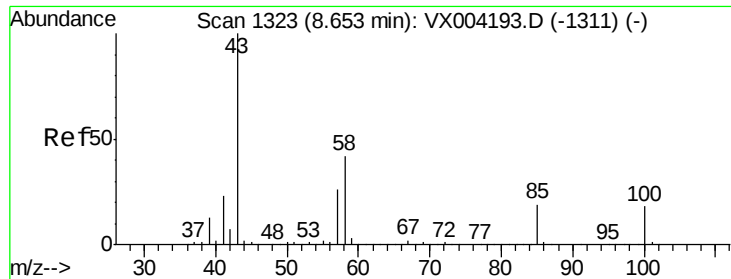
Tot Ion:	41	Resp:	7572
Ion	Ratio	Lower	Upper
41	100		
39	45.4	42.4	63.6
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#



#50
Toluene-d8
Concen: 49.73 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion:	98	Resp:	657048
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 0.61 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

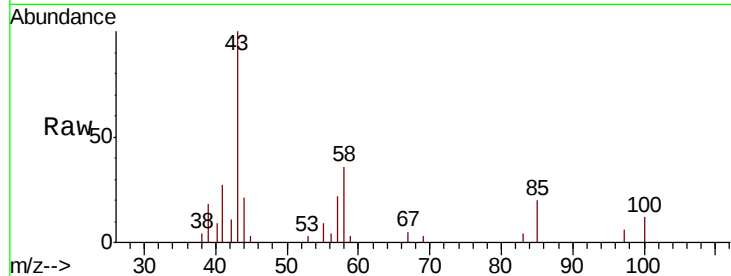
SONO-W

Tot Ion: 43 Resp: 3569

Ion Ratio Lower Upper

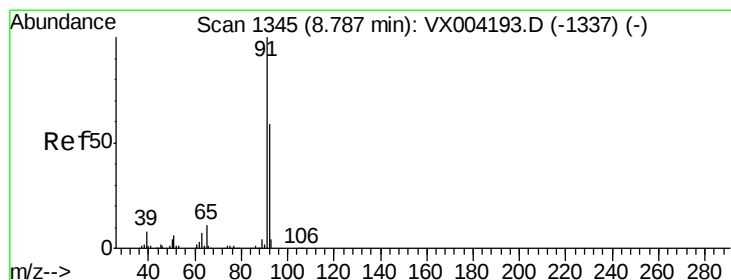
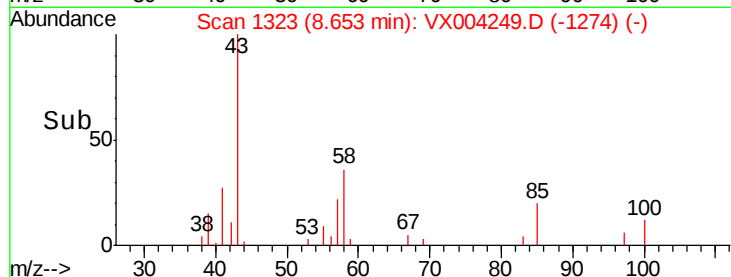
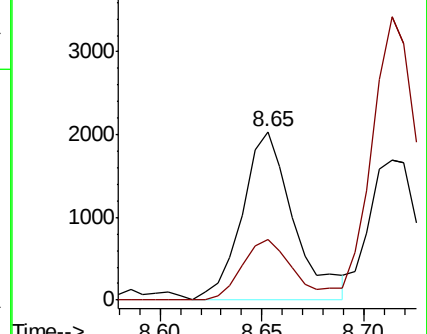
43 100

58 34.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 3.33 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004249.D

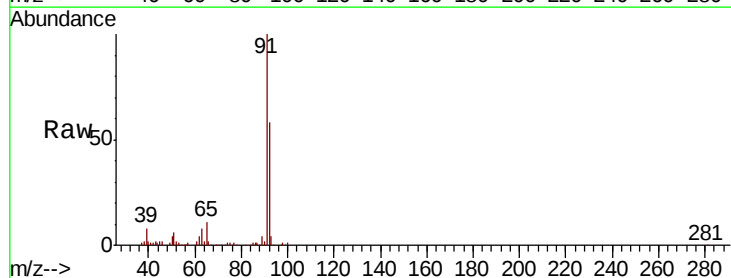
Acq: 24 Aug 2018 16:15

Tgt Ion: 92 Resp: 32903

Ion Ratio Lower Upper

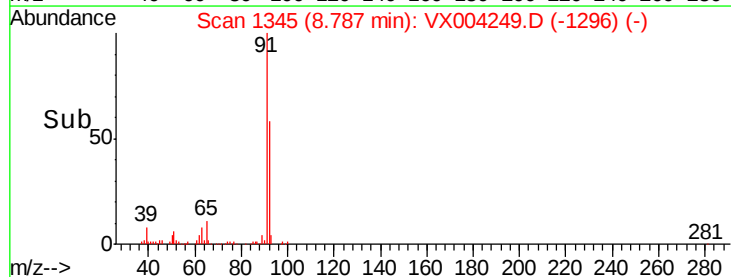
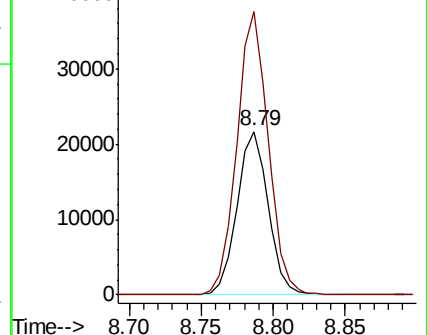
92 100

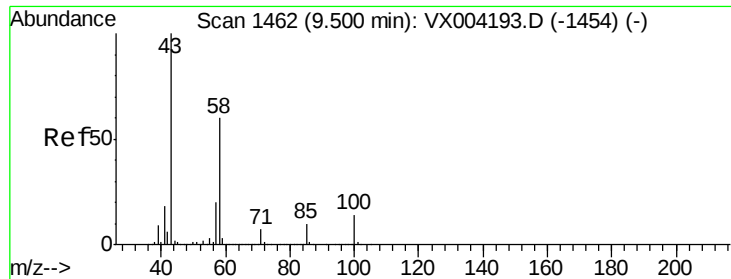
91 173.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

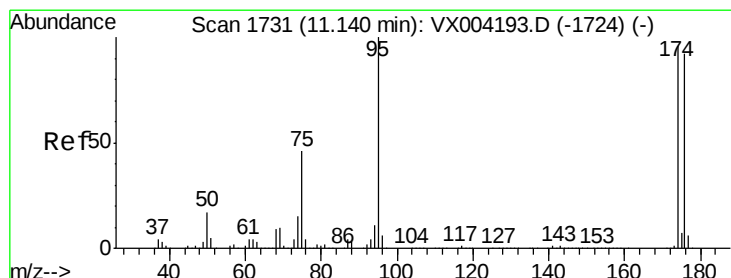
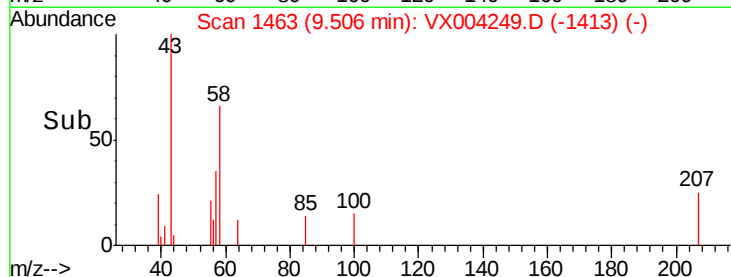
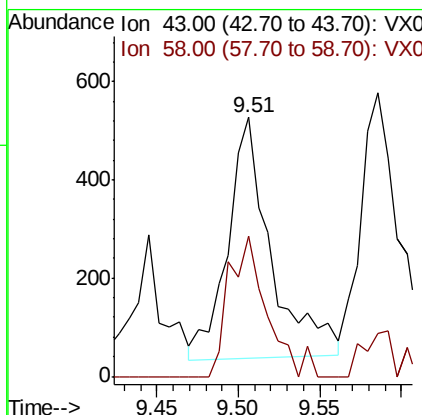
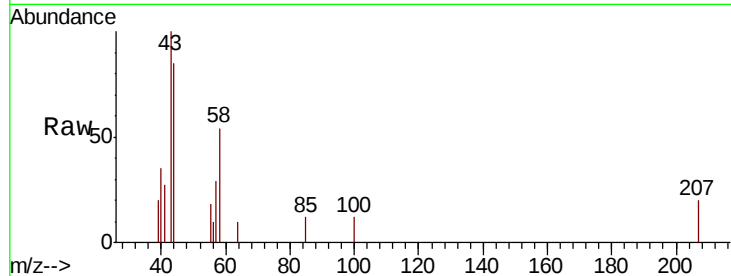




#59
2-Hexanone
Concen: 0.20 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

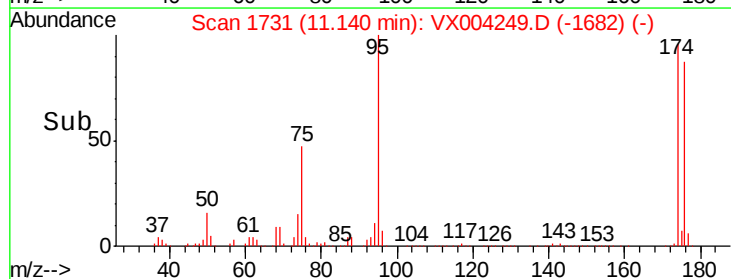
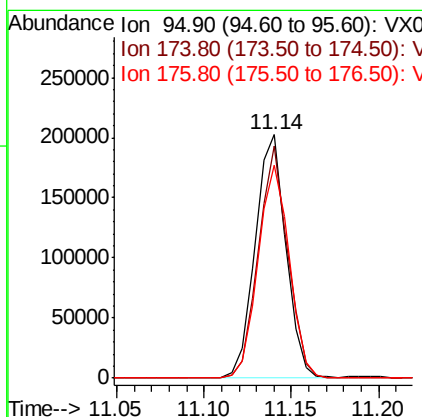
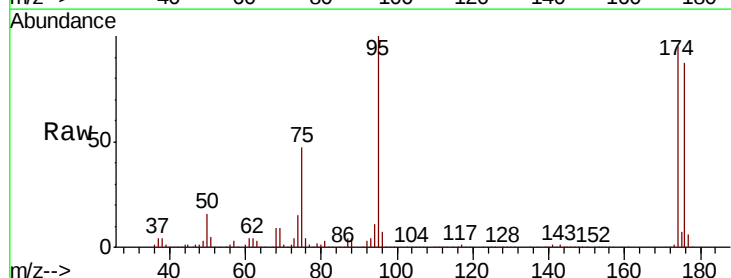
Instrument :
MSVOA_X
ClientSampleId :
SONO-W

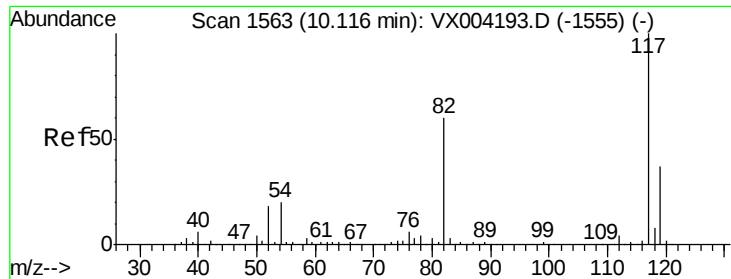
Tot Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
58 51.4 29.0 87.0



#62
4-Bromofluorobenzene
Concen: 50.24 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 95 Resp: 247687
Ion Ratio Lower Upper
95 100
174 91.3 0.0 185.2
176 88.6 0.0 178.6

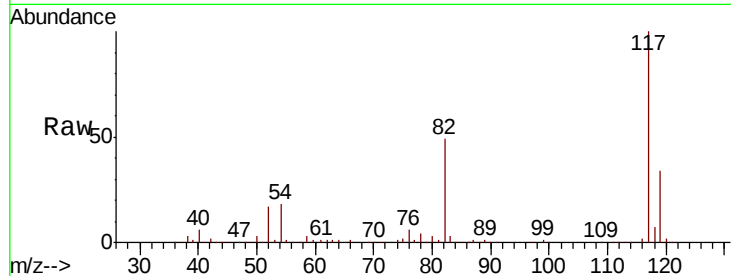




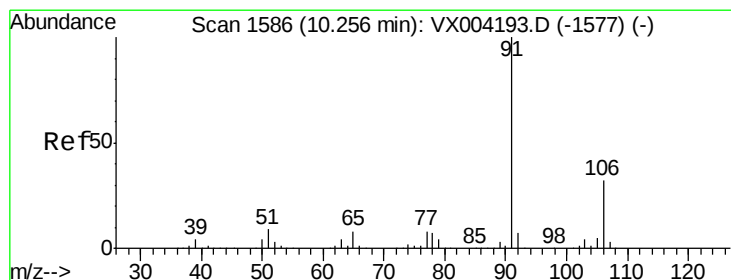
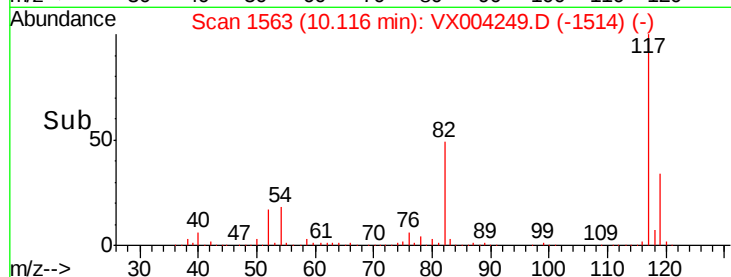
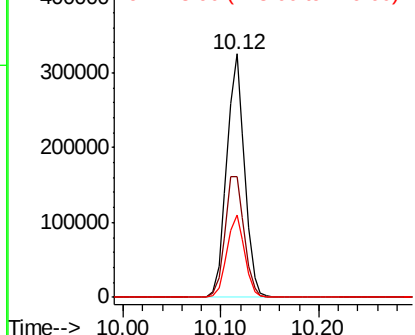
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Instrument :
MSVOA_X
ClientSampled :
SONO-W

Tot Ion:117 Resp: 410622
Ion Ratio Lower Upper
117 100
82 49.4 47.8 71.6
119 34.0 29.3 43.9

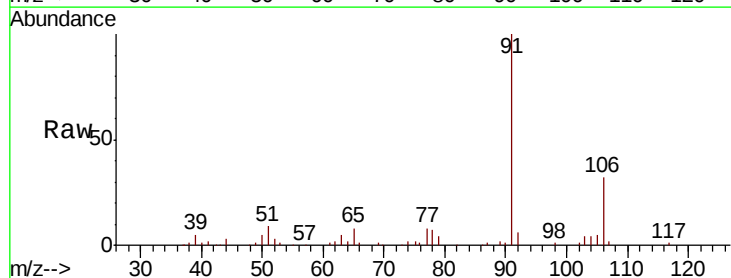


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

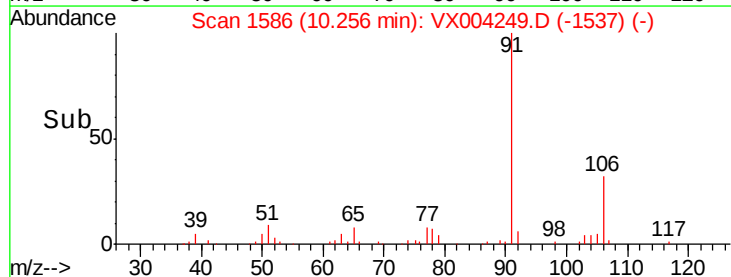
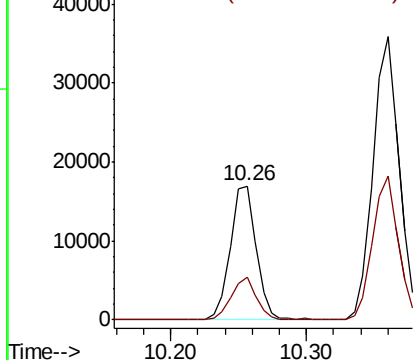


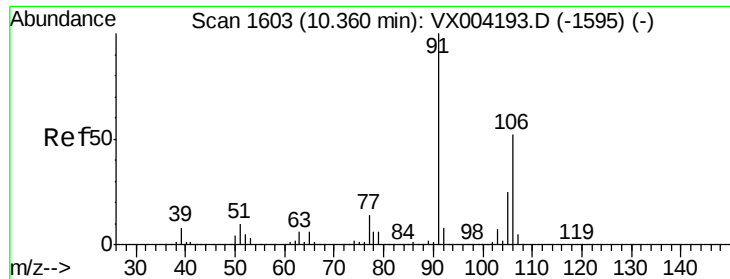
#67
Ethyl Benzene
Concen: 1.36 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 91 Resp: 22696
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



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

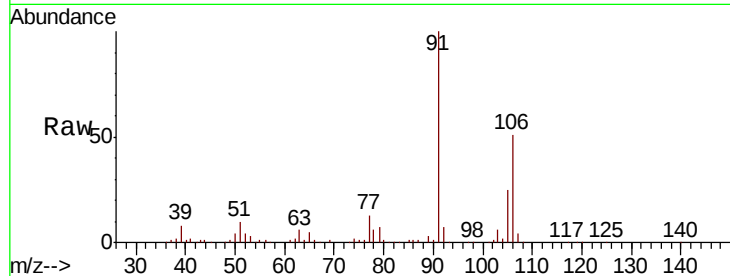




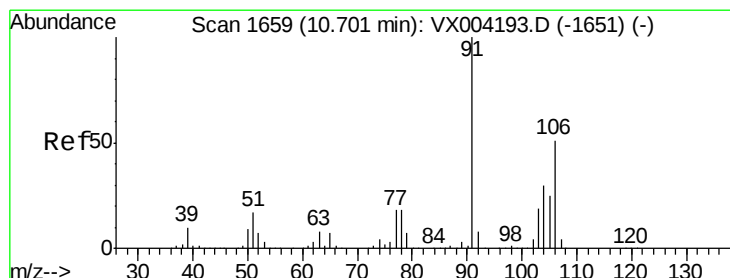
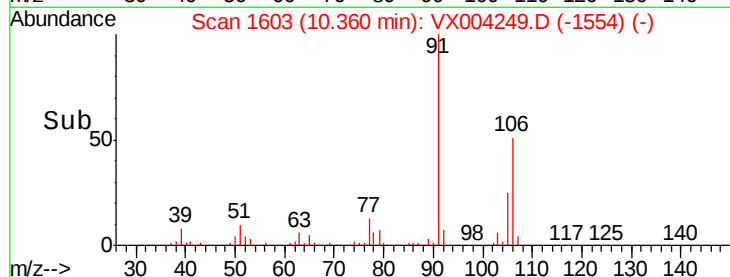
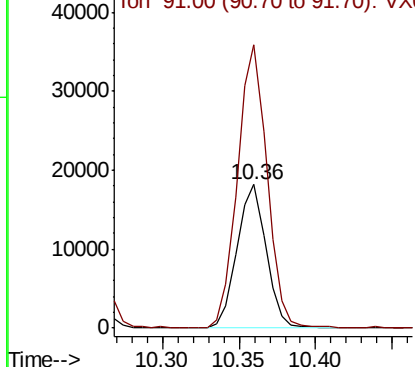
#68
m/p-Xylenes
Concen: 3.68 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
SONO-W

Tot Ion:106 Resp: 24107
Ion Ratio Lower Upper
106 100
91 199.8 157.1 235.7

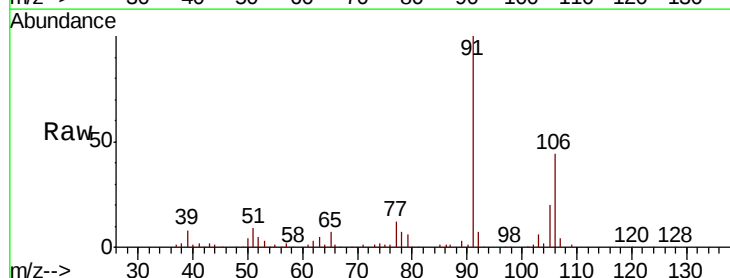


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

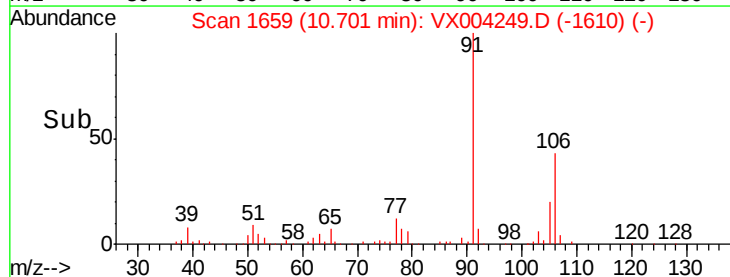
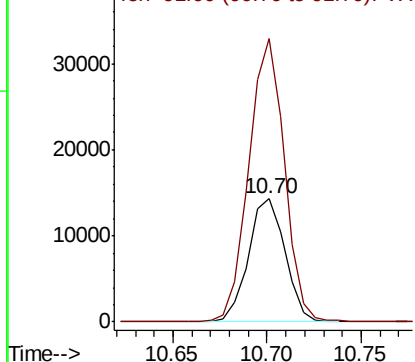


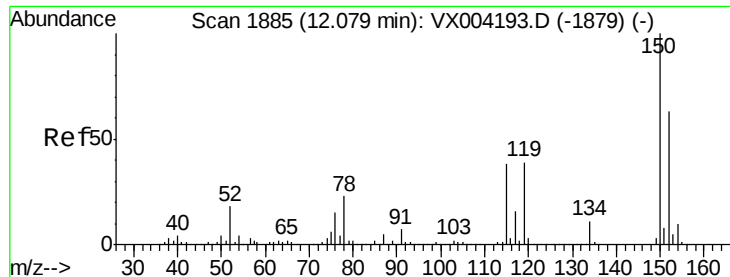
#69
o-Xylene
Concen: 3.12 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion:106 Resp: 19285
Ion Ratio Lower Upper
106 100
91 223.8 105.1 315.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

SONO-W

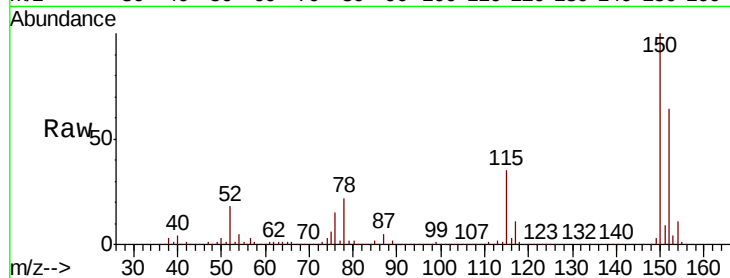
Tot Ion:152 Resp: 260062

Ion Ratio Lower Upper

152 100

115 54.9 39.0 117.0

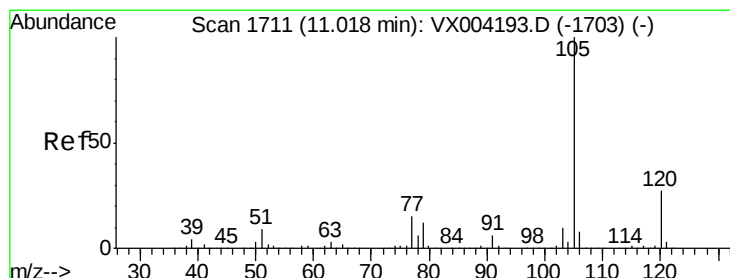
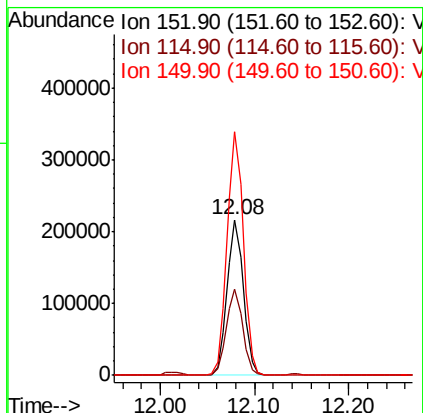
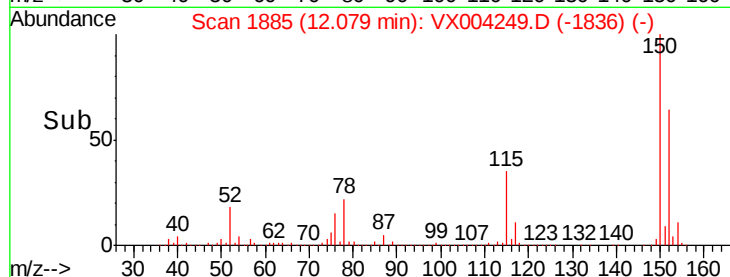
150 157.5 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.29 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004249.D

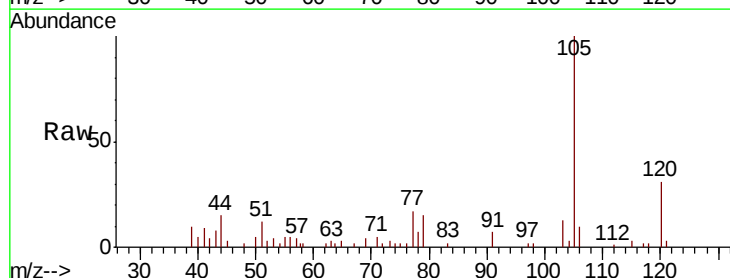
Acq: 24 Aug 2018 16:15

Tgt Ion:105 Resp: 4937

Ion Ratio Lower Upper

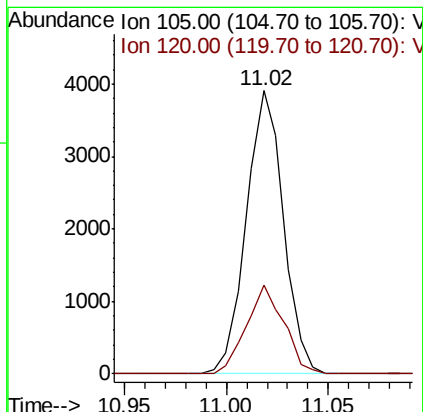
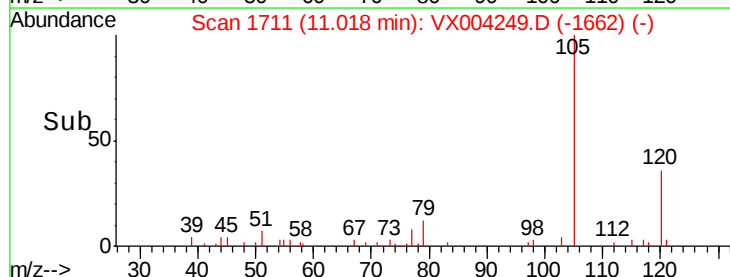
105 100

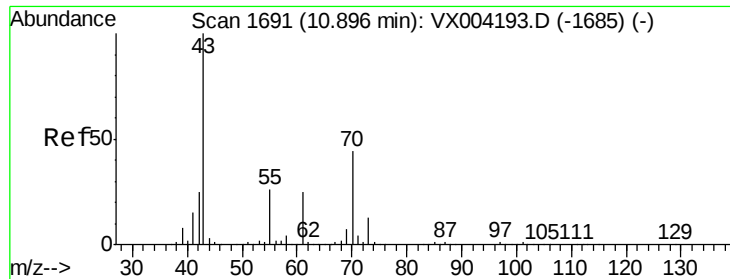
120 31.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 8.21 ug/l

RT: 10.82 min Scan# 1679

Delta R.T. -0.07 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

SONO-W

Tot Ion: 43 Resp: 53971

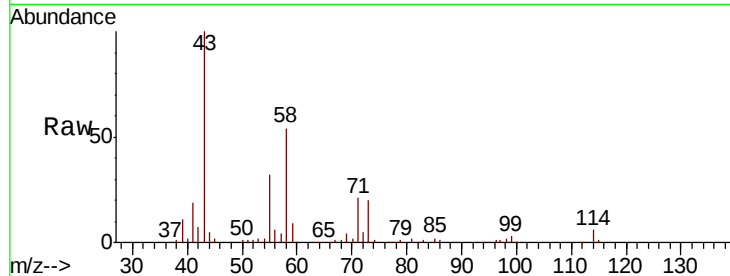
Ion Ratio Lower Upper

43 100

70 3.2 37.4 56.0#

55 71.3 21.8 32.8#

61 0.0 20.6 30.8#

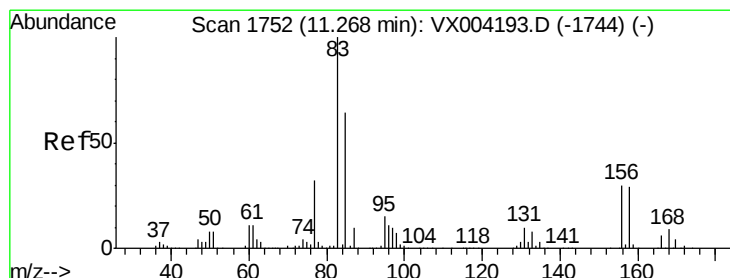
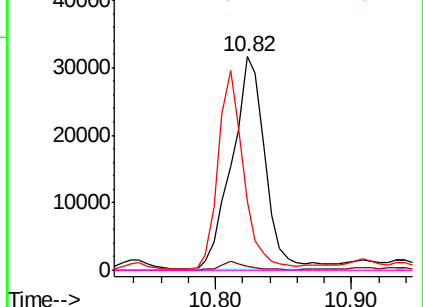
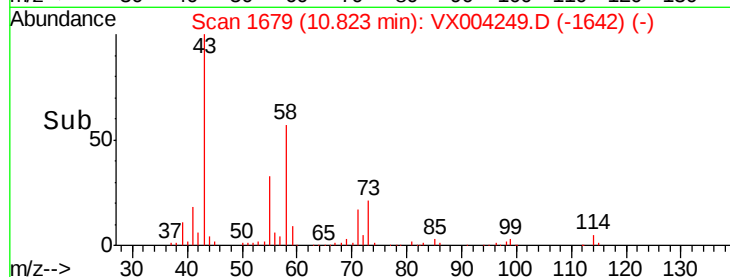


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.30 ug/l

RT: 11.34 min Scan# 1763

Delta R.T. 0.07 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

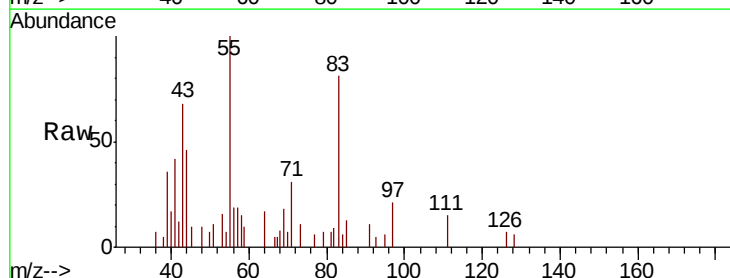
Tgt Ion: 83 Resp: 1766

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

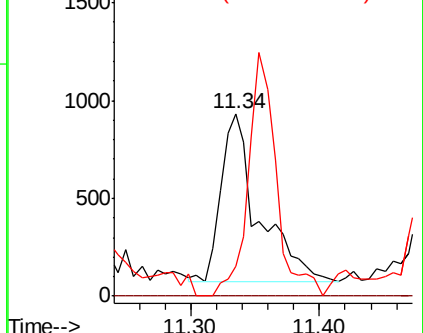
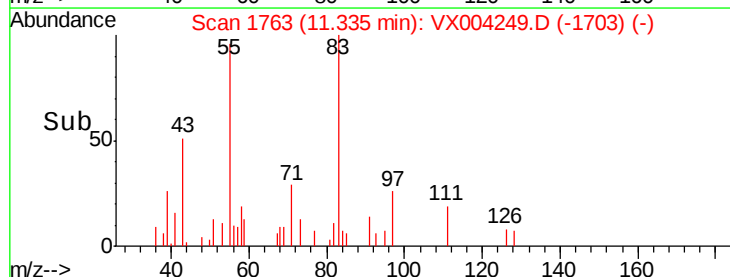
85 0.0 32.3 96.8#

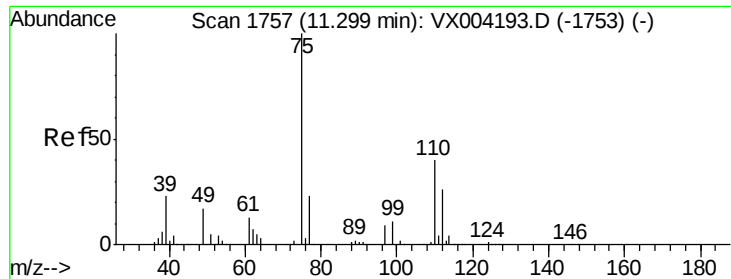


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 22.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

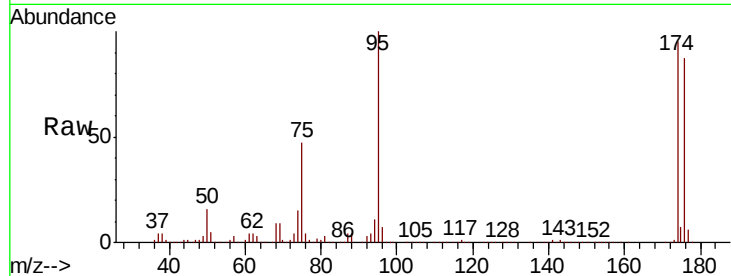
SONO-W

Tot Ion: 75 Resp: 120074

Ion Ratio Lower Upper

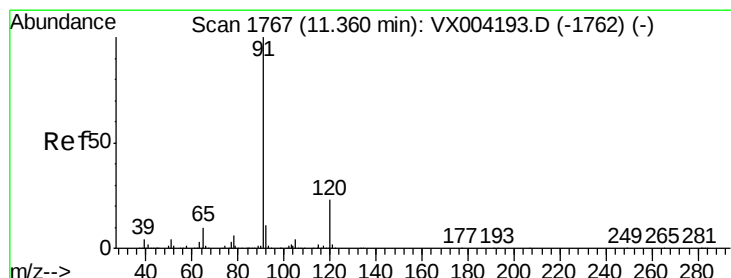
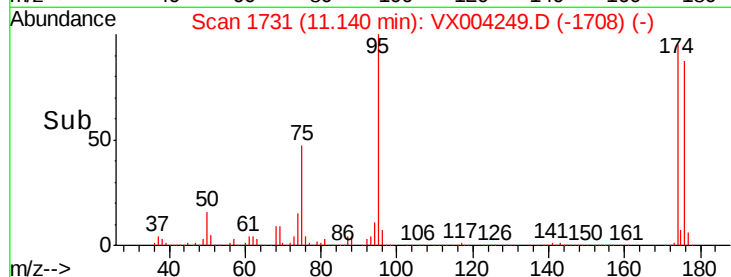
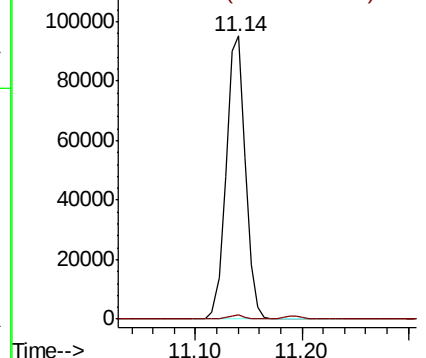
75 100

77 1.4 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.61 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004249.D

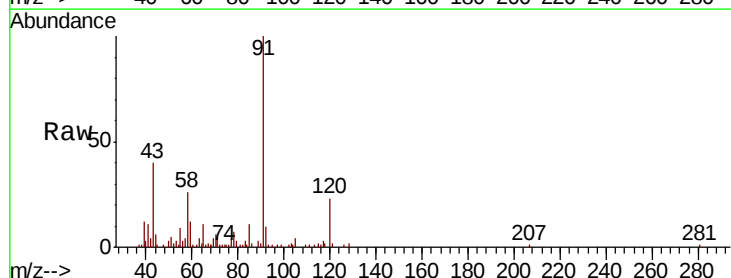
Acq: 24 Aug 2018 16:15

Tgt Ion: 91 Resp: 11973

Ion Ratio Lower Upper

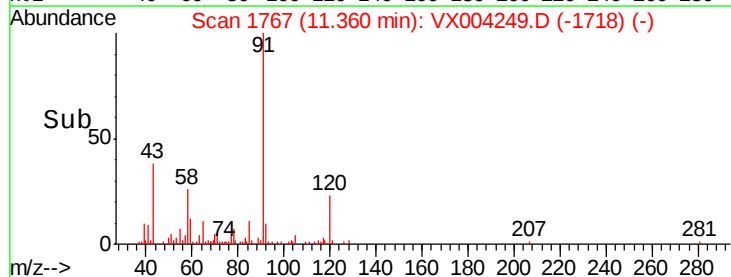
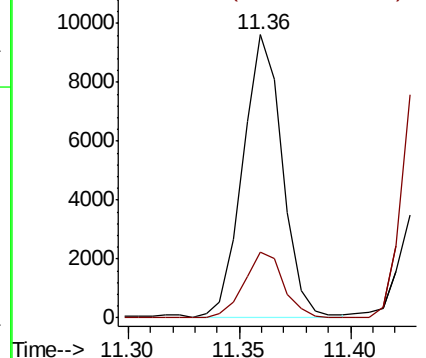
91 100

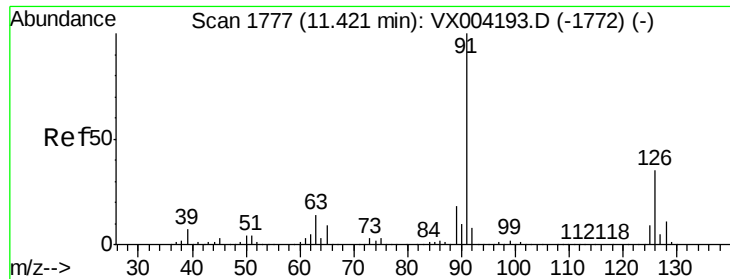
120 22.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.80 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

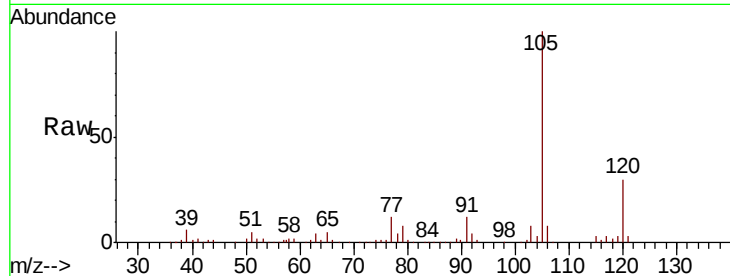
SONO-W

Tot Ion: 91 Resp: 9642

Ion Ratio Lower Upper

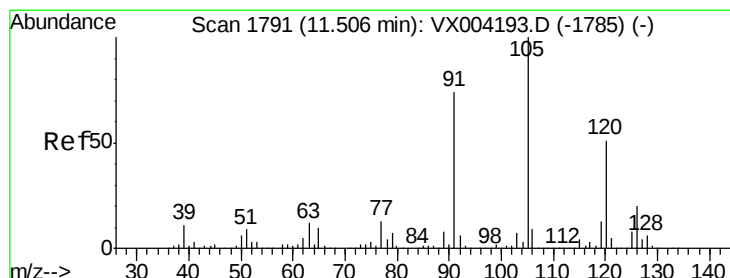
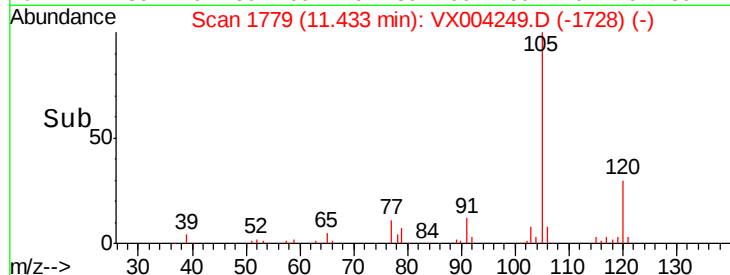
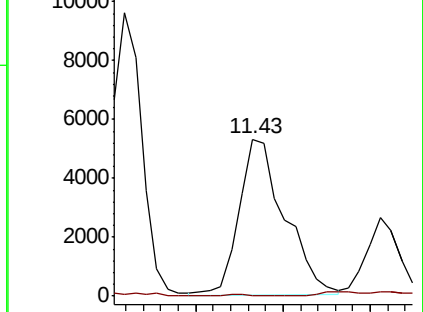
91 100

126 0.6 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1772) (-)

Ion 125.90 (125.60 to 126.60): VX004193.D (-1772) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.92 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004249.D

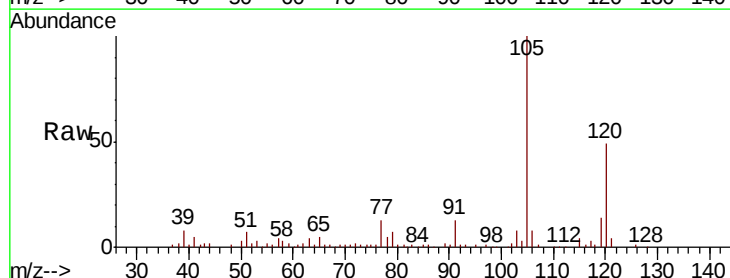
Acq: 24 Aug 2018 16:15

Tgt Ion:105 Resp: 27211

Ion Ratio Lower Upper

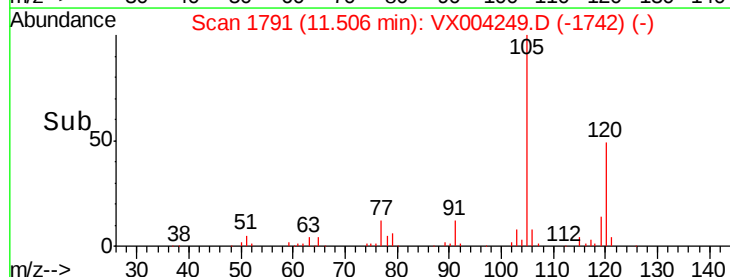
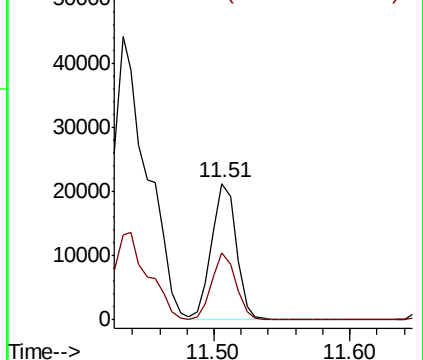
105 100

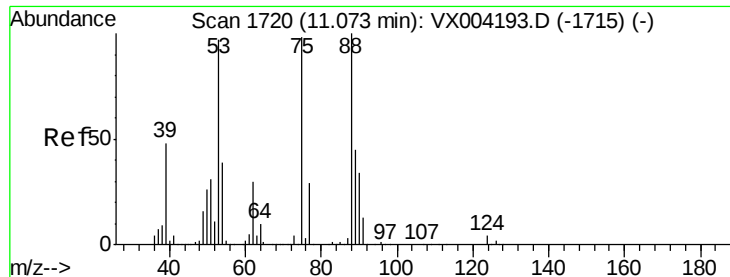
120 47.1 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004193.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX004193.D (-1785) (-)

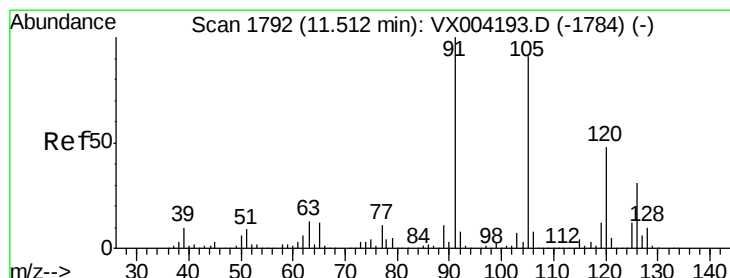
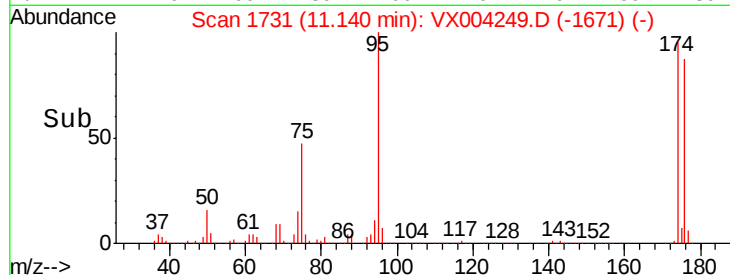
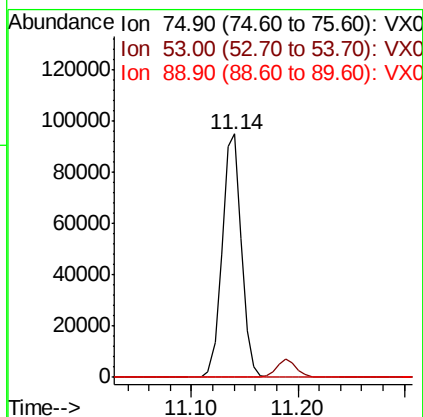
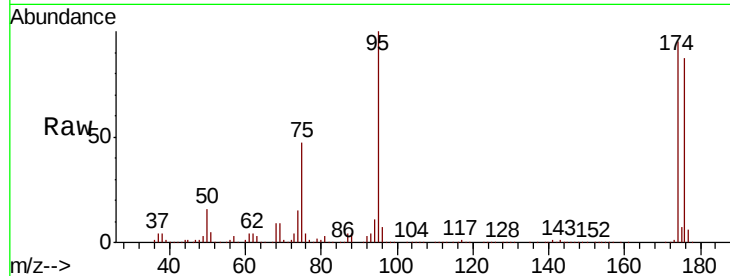




#81
trans-1,4-Dichloro-2-butene
Concen: 73.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.07 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

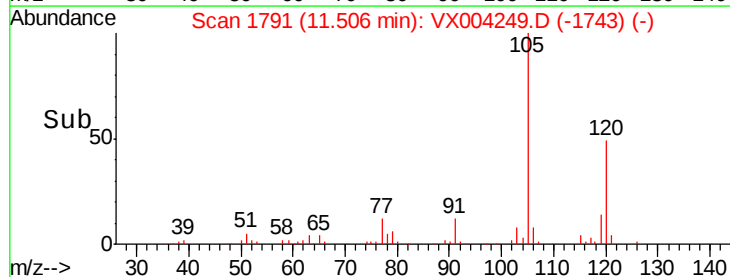
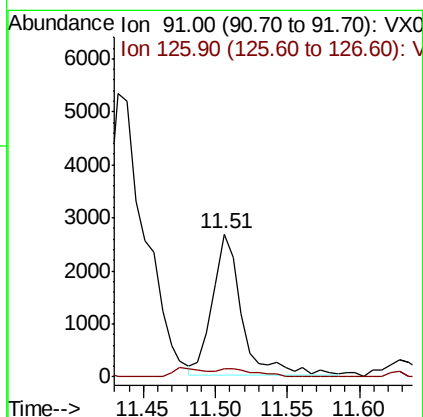
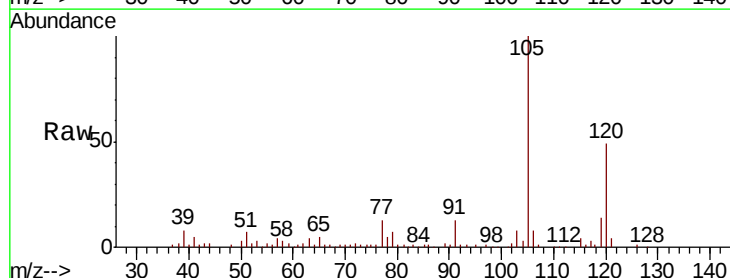
Instrument :
MSVOA_X
ClientSampleId :
SONO-W

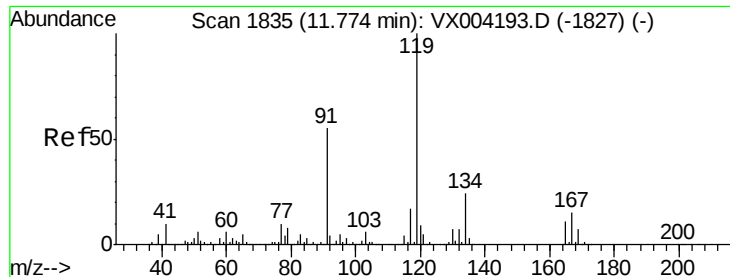
Tot Ion: 75 Resp: 120074
Ion Ratio Lower Upper
75 100
53 0.0 80.1 120.1#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.27 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 91 Resp: 3789
Ion Ratio Lower Upper
91 100
126 7.0 15.5 46.5#

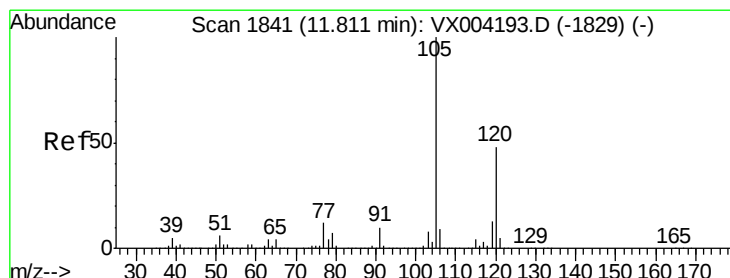
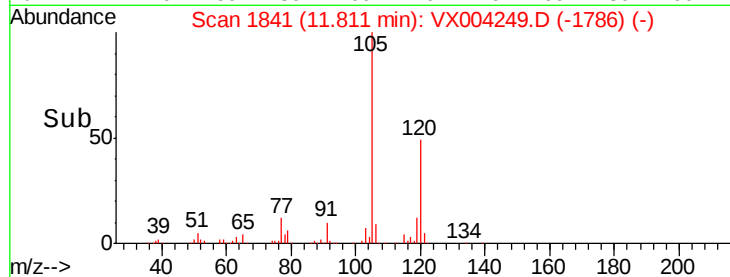
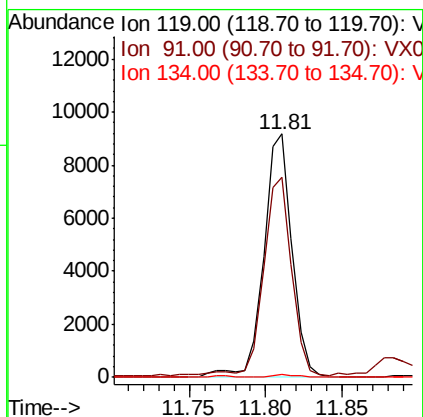
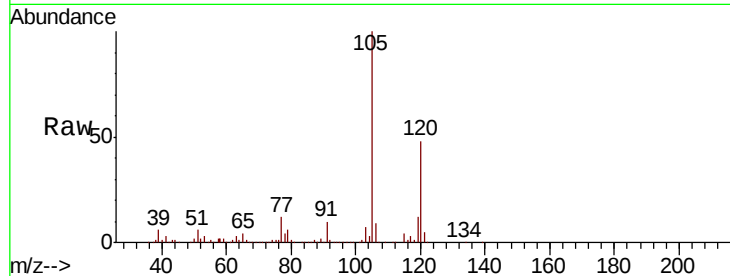




#83
 tert-Butylbenzene
 Concen: 0.83 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.04 min
 Lab File: VX004249.D
 Acq: 24 Aug 2018 16:15

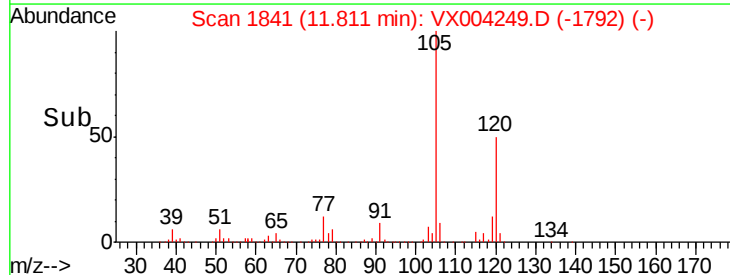
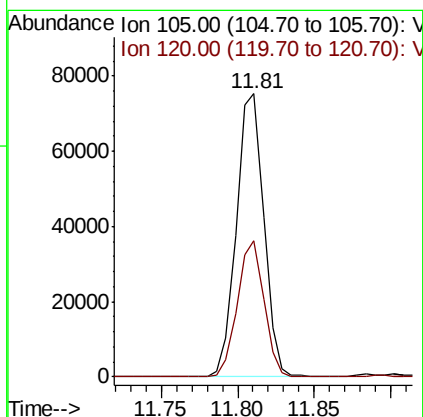
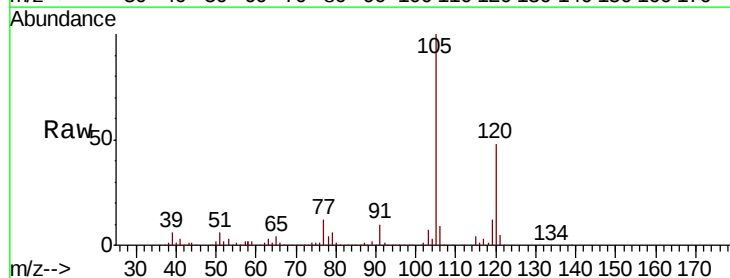
Instrument :
 MSVOA_X
 ClientSampleId :
 SONO-W

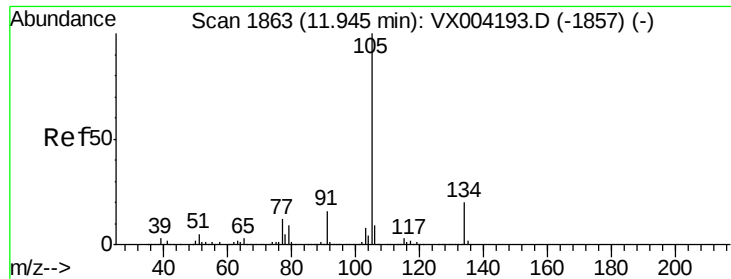
Tot Ion:119 Resp: 11874
 Ion Ratio Lower Upper
 119 100
 91 78.7 27.0 81.0
 134 0.0 11.7 35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 6.46 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004249.D
 Acq: 24 Aug 2018 16:15

Tgt Ion:105 Resp: 93754
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 0.41 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

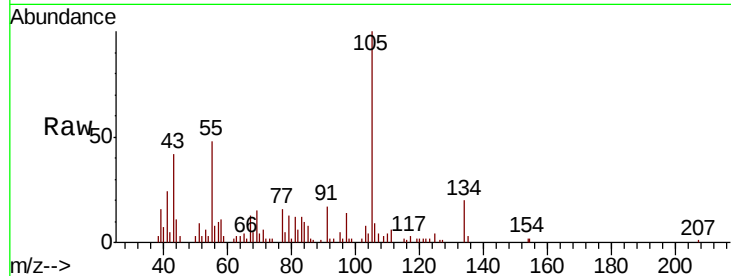
SONO-W

Tot Ion:105 Resp: 6963

Ion Ratio Lower Upper

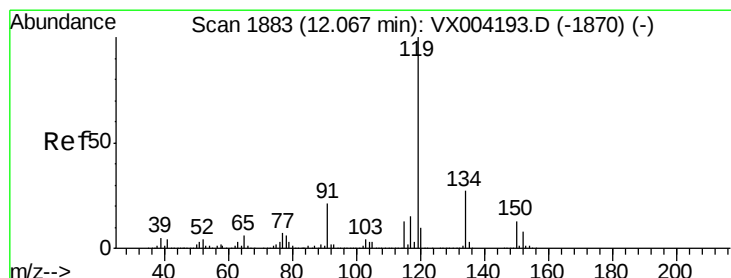
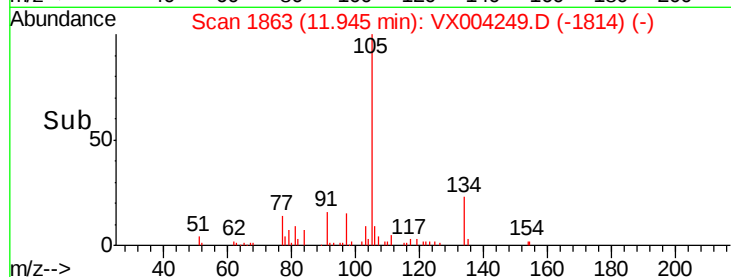
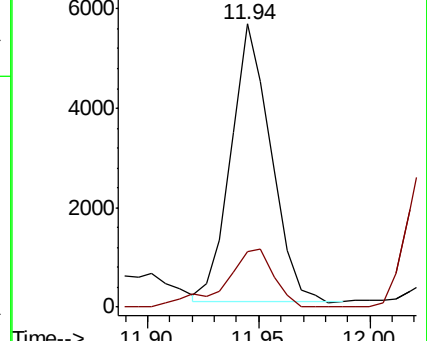
105 100

134 25.5 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: 0.90 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.04 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

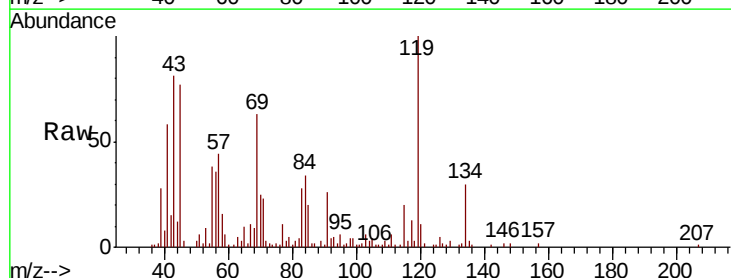
Tgt Ion:119 Resp: 13652

Ion Ratio Lower Upper

119 100

134 30.1 13.4 40.2

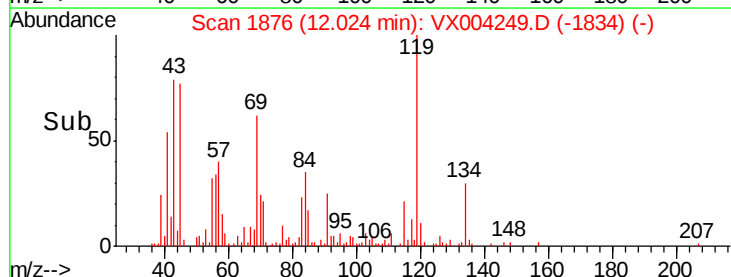
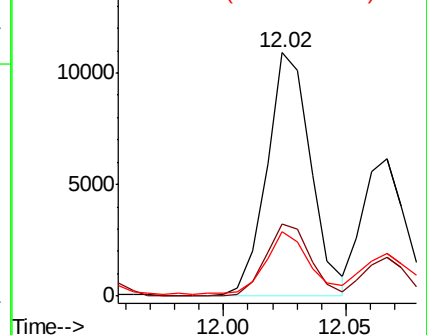
91 25.4 10.9 32.7

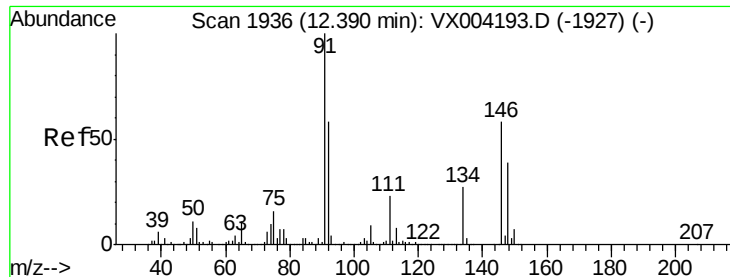


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

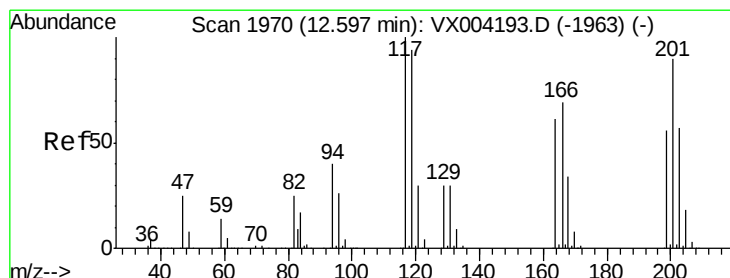
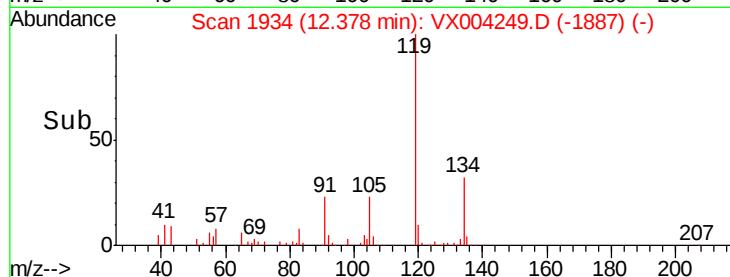
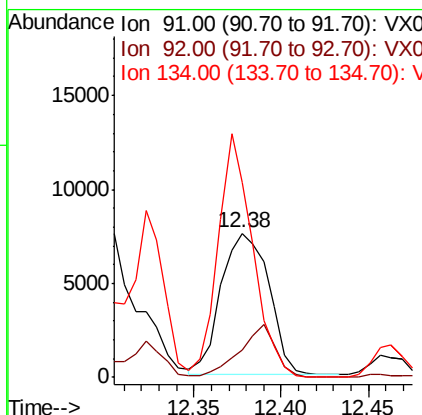
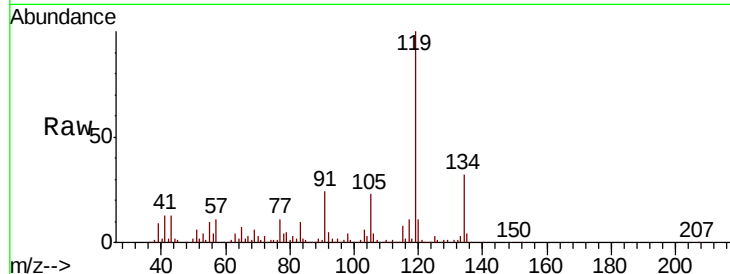




#89
n-Butylbenzene
Concen: 1.16 ug/l
RT: 12.38 min Scan# 1934
Delta R.T. -0.01 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

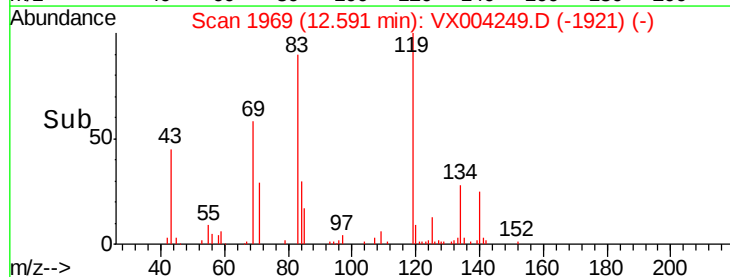
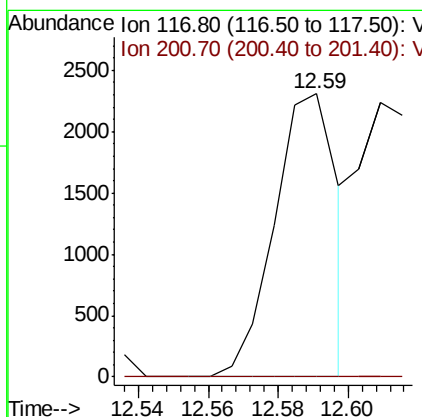
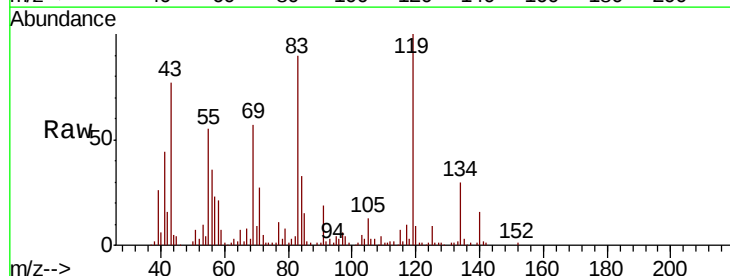
Instrument :
MSVOA_X
ClientSampleId :
SONO-W

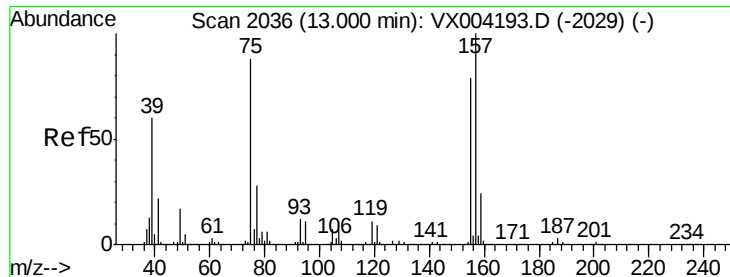
Tot Ion: 91 Resp: 14306
Ion Ratio Lower Upper
91 100
92 28.3 27.3 81.9
134 124.4 13.6 40.7#



#90
Hexachloroethane
Concen: 1.35 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX004249.D
Acq: 24 Aug 2018 16:15

Tgt Ion: 117 Resp: 2867
Ion Ratio Lower Upper
117 100
201 0.0 46.9 140.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.38 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.02 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

SONO-W

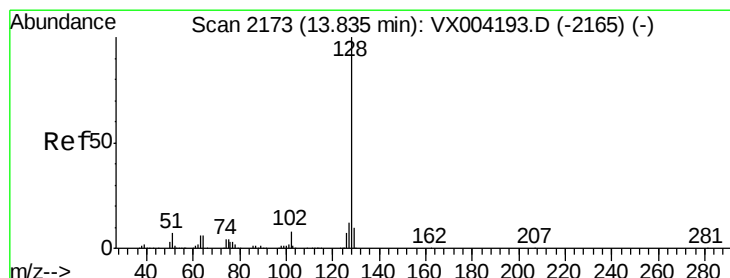
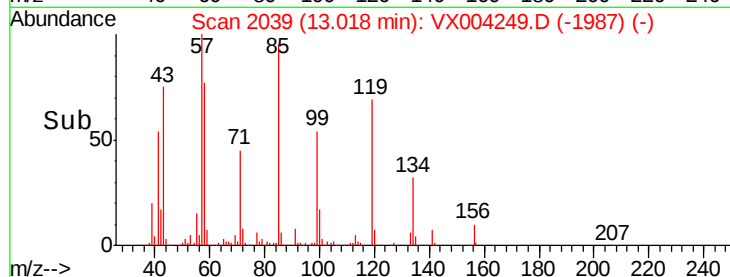
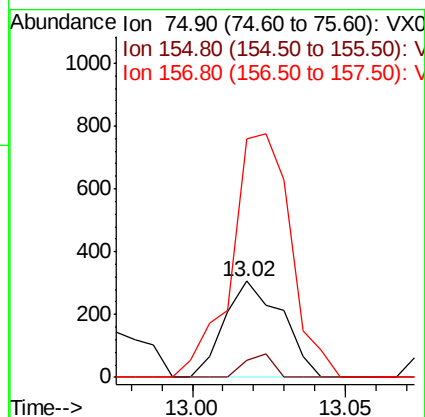
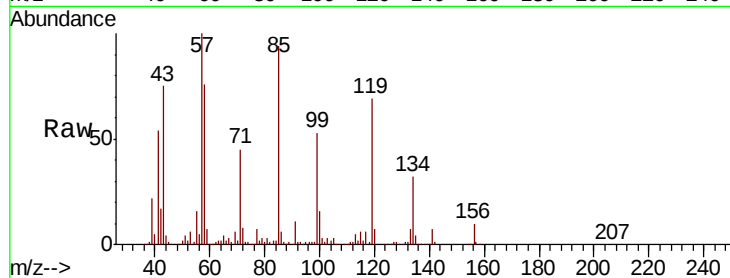
Tot Ion: 75 Resp: 401

Ion Ratio Lower Upper

75 100

155 12.0 48.0 144.2#

157 258.6 61.4 184.1#



#95

Naphthalene

Concen: 1.69 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004249.D

Acq: 24 Aug 2018 16:15

Tgt Ion:128 Resp: 28679

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.2

129 13.8 8.6 12.8#

