

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004496.D
 Acq On : 12 Sep 2018 15:55
 Operator : JC/MD
 Sample : J4848-06 10X
 Misc : 5.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(8-12)

Quant Time: Sep 13 01:02:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326909	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201832	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140985	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
35) Dibromofluoromethane	5.51	113	125560	41.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.94%	
50) Toluene-d8	8.72	98	492198	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.14	95	216579	60.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.96%	

Target Compounds						Qvalue
3) Chloromethane	1.32	50	726	0.27	ug/l	90
5) Bromomethane	1.64	94	898	Below	Cal	82
10) Methyl Iodide	2.51	142	681	4.48	ug/l #	87
11) Tert butyl alcohol	3.09	59	335	0.52	ug/l #	91
13) Acrolein	2.29	56	91	0.36	ug/l #	1
16) Acetone	2.45	43	1086	0.83	ug/l	92
20) Methylene Chloride	2.85	84	769	0.29	ug/l #	95
25) 2-Butanone	4.73	43	640	0.31	ug/l #	47
26) 2,2-Dichloropropane	4.78	77	671	0.21	ug/l #	52
29) Tetrahydrofuran	5.18	42	263	0.21	ug/l #	57
36) 1,1-Dichloropropene	5.65	75	13696	3.45	ug/l #	49
38) Carbon Tetrachloride	5.66	117	18019	4.65	ug/l #	16
39) Methylcyclohexane	7.46	83	11422	2.76	ug/l	89
48) Methyl methacrylate	7.74	41	627	0.21	ug/l #	83
51) 4-Methyl-2-Pentanone	8.66	43	4158	0.98	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	21839	7.31	ug/l #	21
56) Ethyl methacrylate	9.16	69	4728	1.12	ug/l #	1
59) 2-Hexanone	9.44	43	81834	25.22	ug/l #	27
65) Chlorobenzene	10.24	112	6236	0.75	ug/l #	40
73) Isopropylbenzene	11.02	105	251081	18.89	ug/l	99
74) N-amyl acetate	10.91	43	423703	75.73	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	194141	45.28	ug/l #	25
76) 1,2,3-Trichloropropane	11.37	75	4232	1.04	ug/l #	1
77) Bromobenzene	11.31	156	1002	0.27	ug/l #	1
78) n-propylbenzene	11.36	91	767806	50.24	ug/l	99
79) 2-Chlorotoluene	11.36	91	767806	82.83	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	9280	0.83	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.14	75	88571	69.52	ug/l #	9
82) 4-Chlorotoluene	11.77	91	34099	3.15	ug/l	80
83) tert-Butylbenzene	11.77	119	50337	4.73	ug/l	83
84) 1,2,4-Trimethylbenzene	11.81	105	97960	8.59	ug/l	99
85) sec-Butylbenzene	11.95	105	373707	27.57	ug/l	93
86) p-Isopropyltoluene	12.07	119	101874	8.51	ug/l	99
89) n-Butylbenzene	12.39	91	294037	26.95	ug/l #	83

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

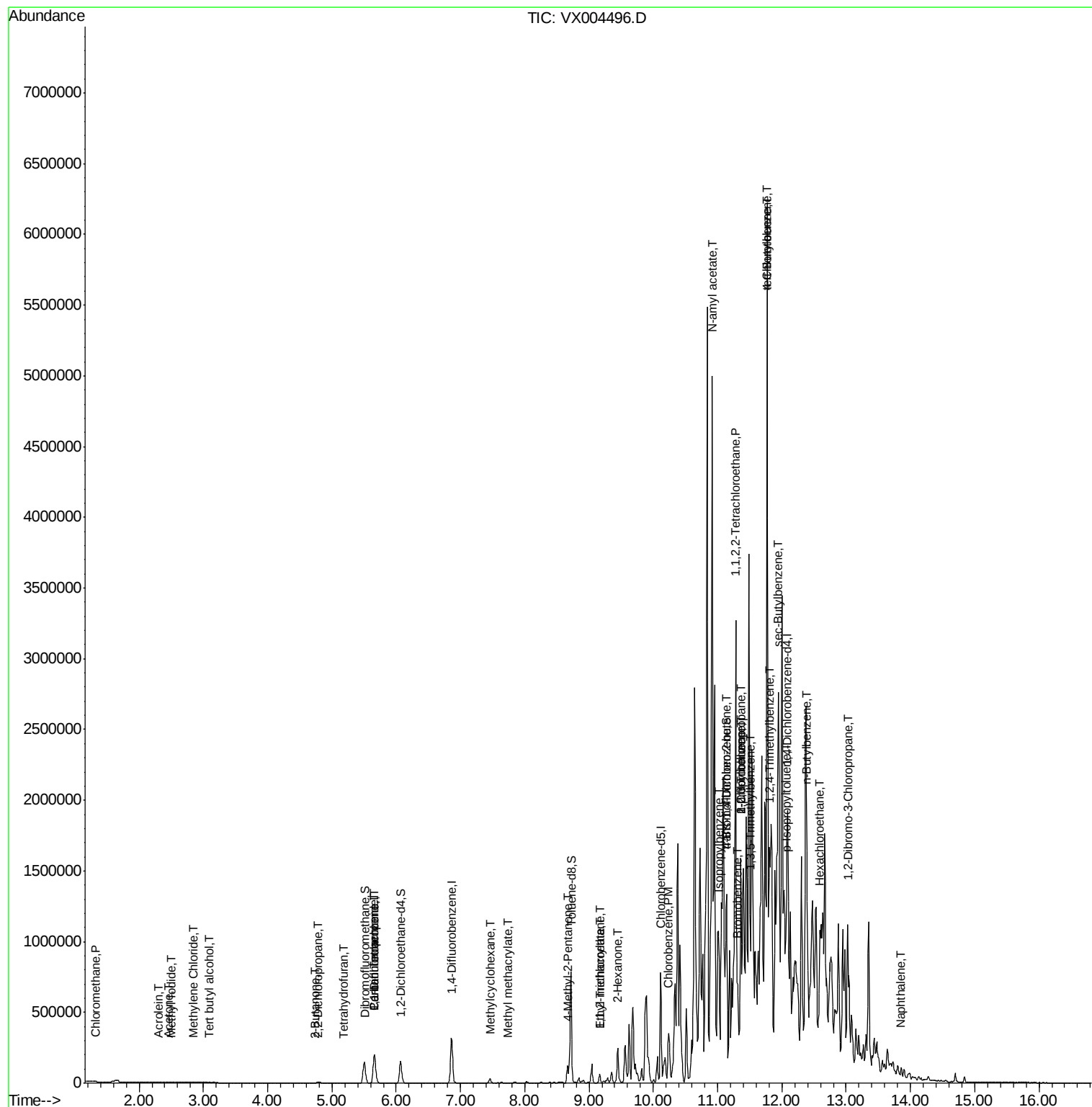
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.59	117	19899	10.38	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2636	2.88	ug/l #	8
95) Naphthalene	13.84	128	4050	0.29	ug/l #	83

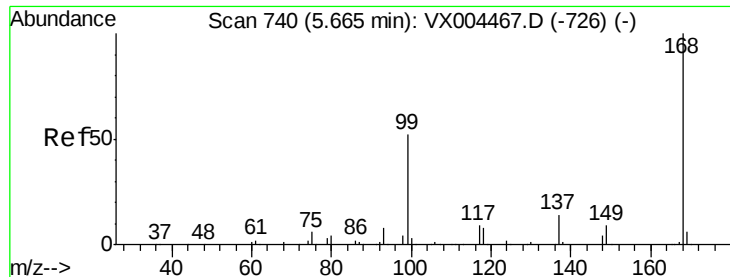
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

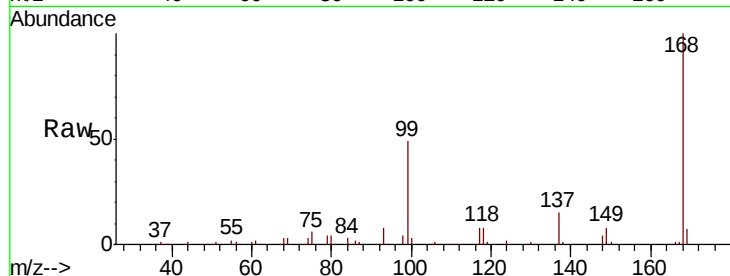
EP1-MW-B(8-12)

Tot Ion:168 Resp: 208188

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

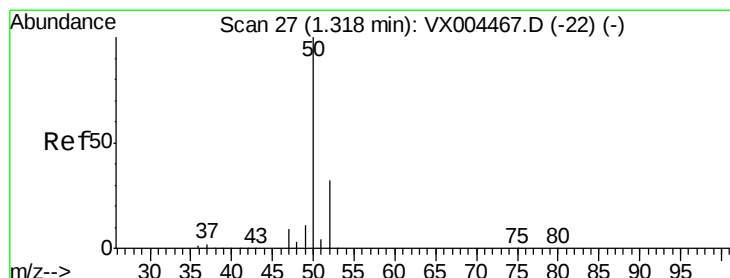
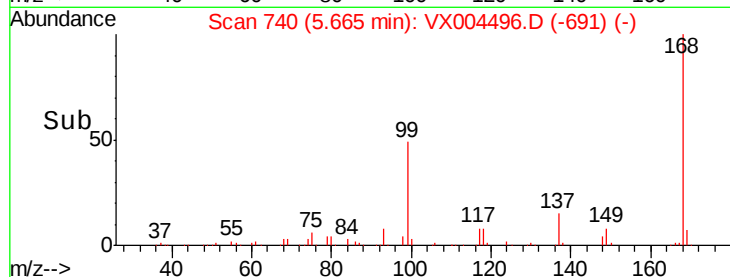
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.27 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004496.D

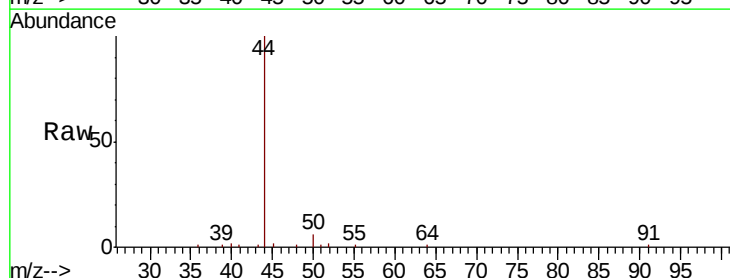
Acq: 12 Sep 2018 15:55

Tgt Ion: 50 Resp: 726

Ion Ratio Lower Upper

50 100

52 27.2 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

600

500

400

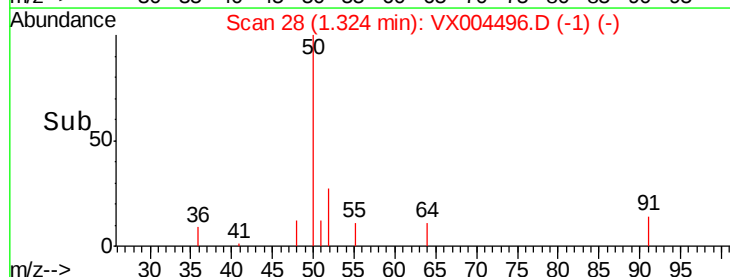
300

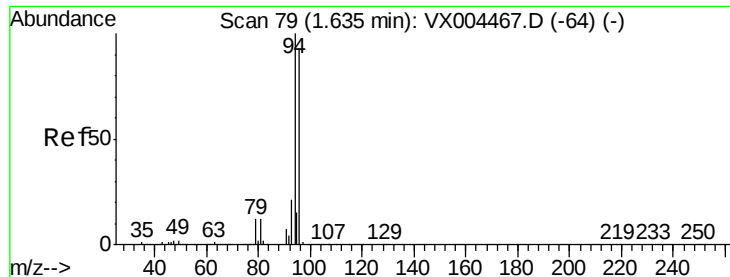
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

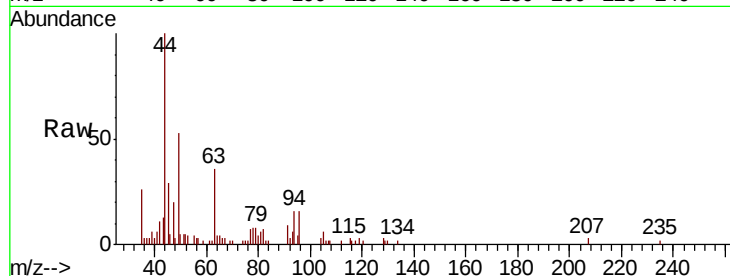
EP1-MW-B(8-12)

Tot Ion: 94 Resp: 898

Ion Ratio Lower Upper

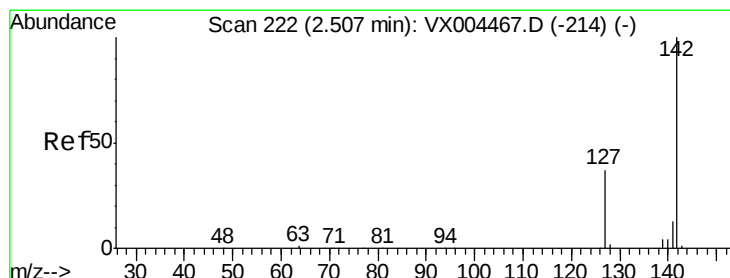
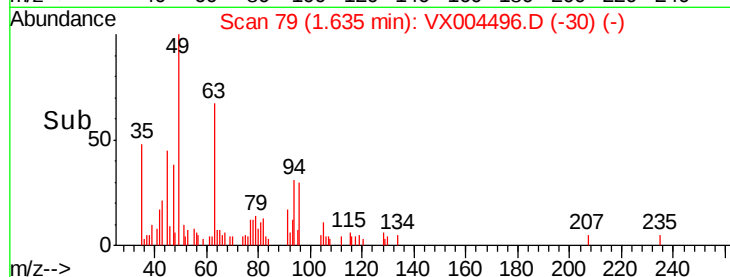
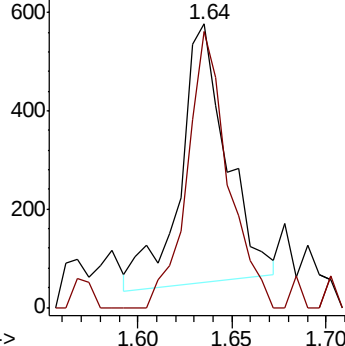
94 100

96 110.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 4.48 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

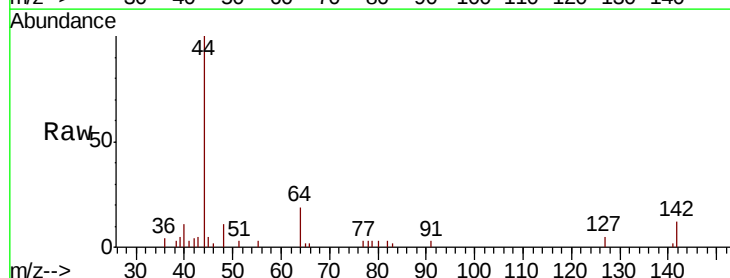
Tgt Ion: 142 Resp: 681

Ion Ratio Lower Upper

142 100

127 35.7 33.8 50.6

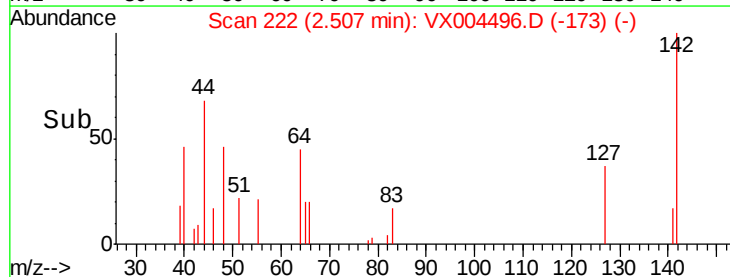
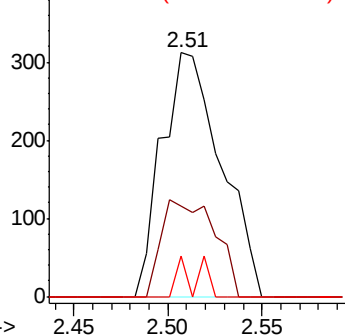
141 5.6 11.4 17.0#

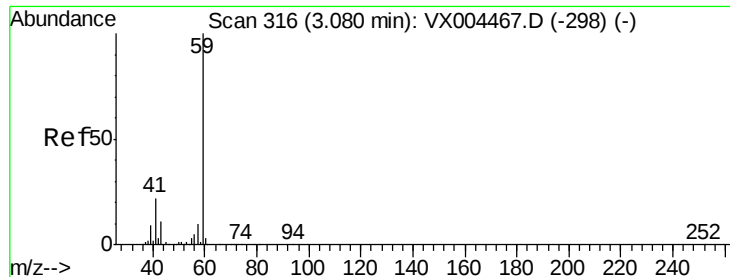


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

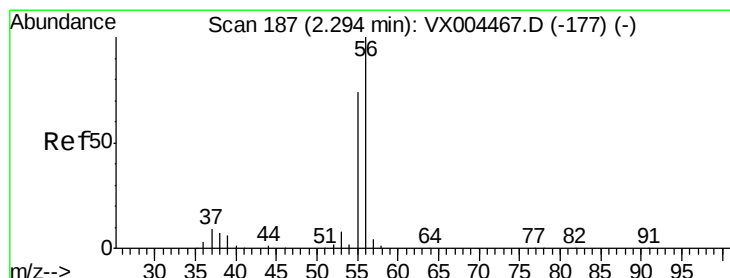
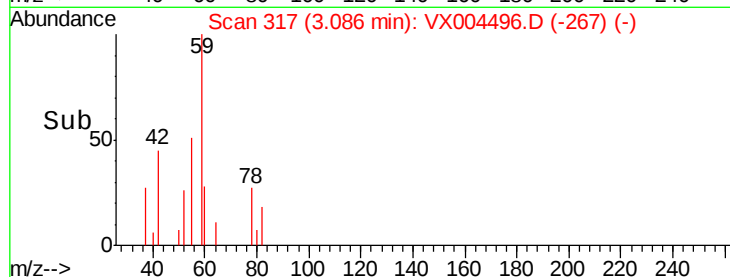
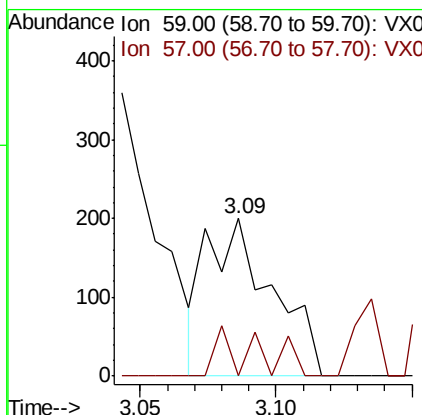
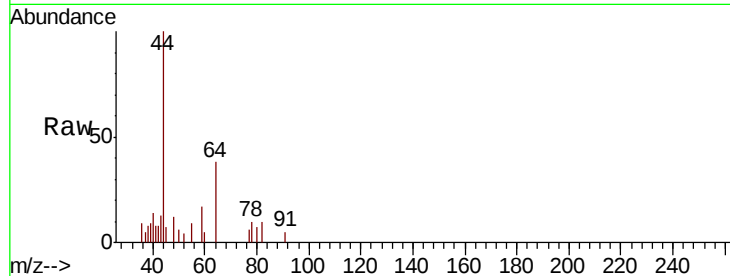




#11
Tert butyl alcohol
Concen: 0.52 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

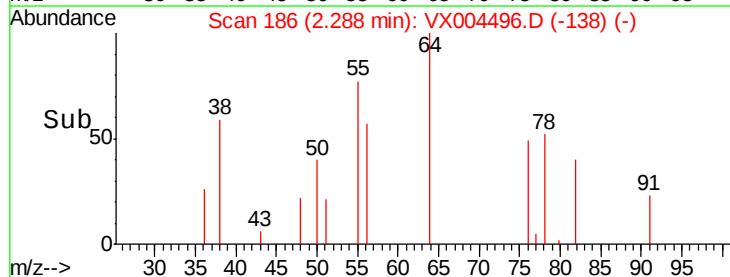
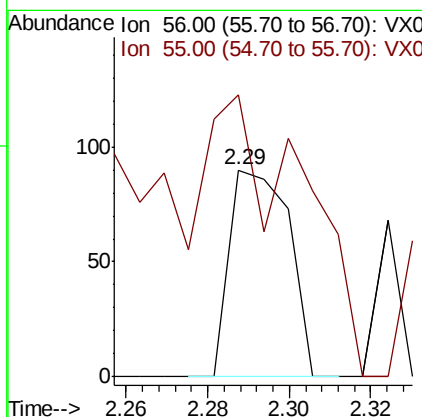
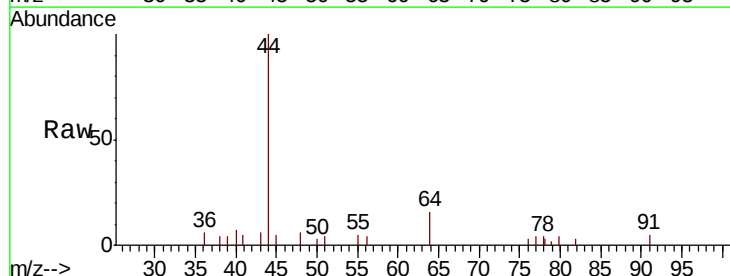
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(8-12)

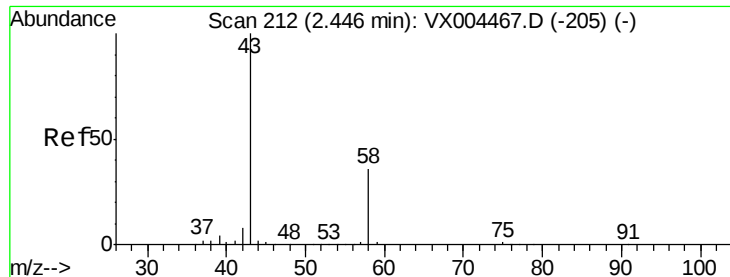
Tot Ion: 59 Resp: 335
Ion Ratio Lower Upper
59 100
57 6.9 8.2 12.4#



#13
Acrolein
Concen: 0.36 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

Tgt Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
55 218.7 54.7 82.1#





#16

Acetone

Concen: 0.83 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

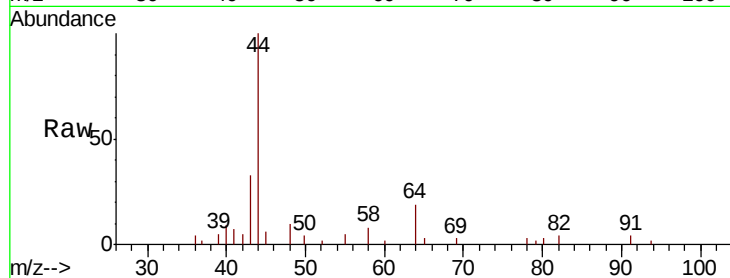
EP1-MW-B(8-12)

Tot Ion: 43 Resp: 1086

Ion Ratio Lower Upper

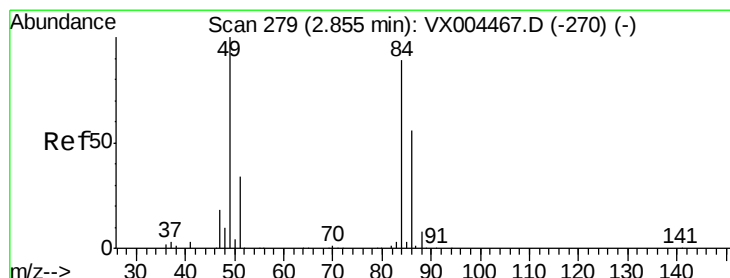
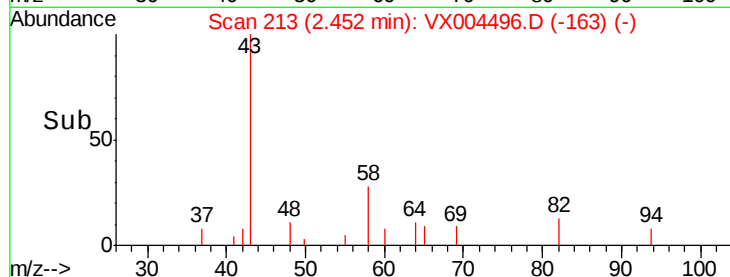
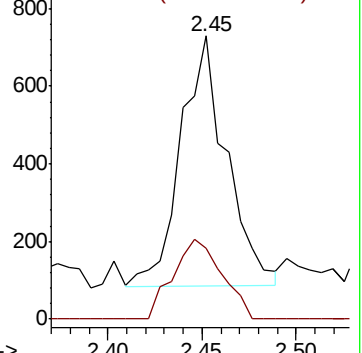
43 100

58 28.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.29 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Tgt Ion: 84 Resp: 769

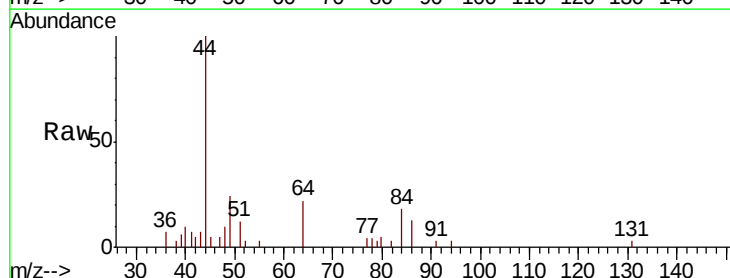
Ion Ratio Lower Upper

84 100

49 129.8 101.2 151.8

51 45.6 29.5 44.3#

86 68.1 52.3 78.5

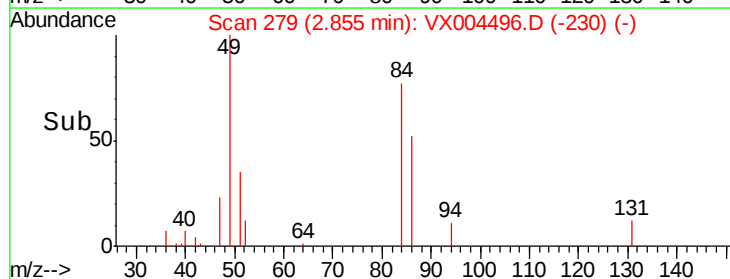
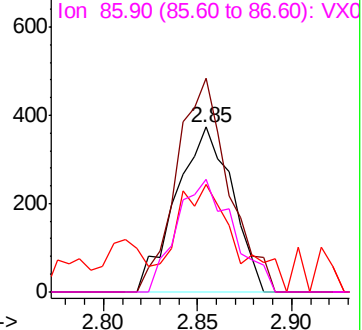


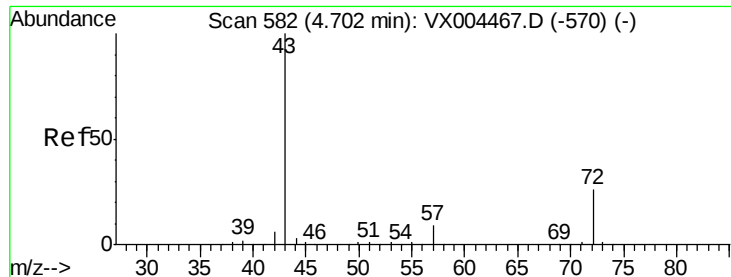
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 0.31 ug/l

RT: 4.73 min Scan# 586

Delta R.T. 0.02 min

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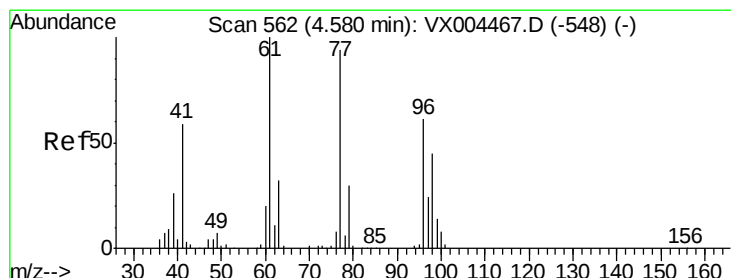
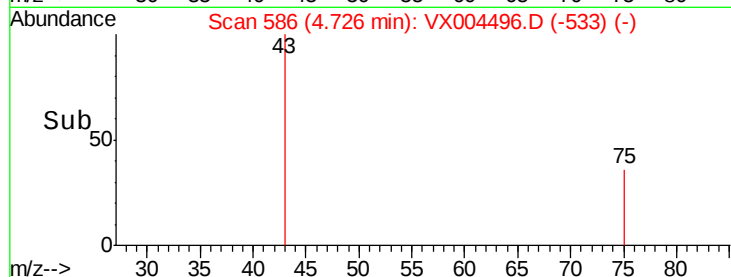
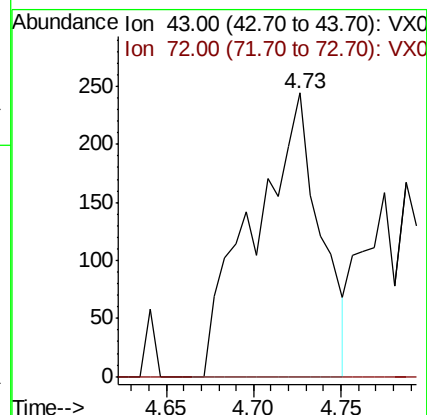
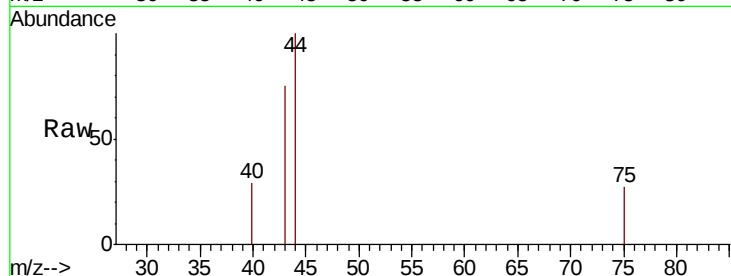
EP1-MW-B(8-12)

Tot Ion: 43 Resp: 640

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



#26

2,2-Dichloropropane

Concen: 0.21 ug/l

RT: 4.78 min Scan# 595

Delta R.T. 0.20 min

Lab File: VX004496.D

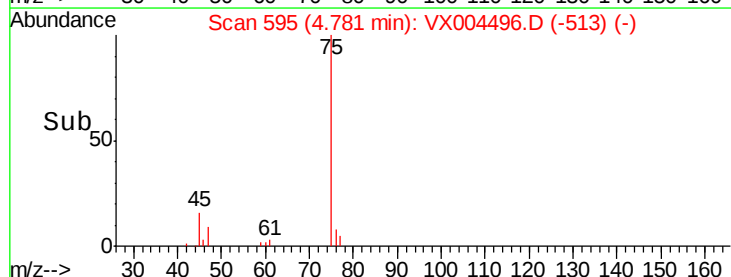
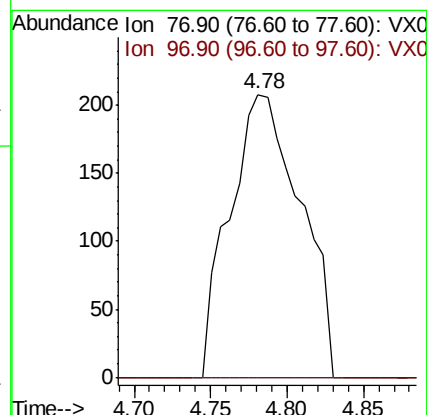
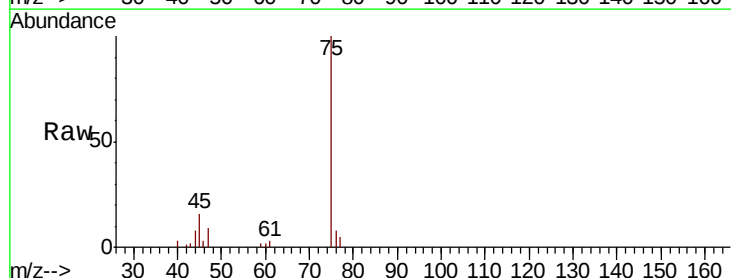
Acq: 12 Sep 2018 15:55

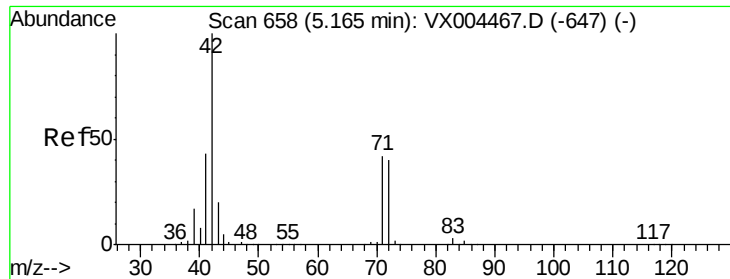
Tgt Ion: 77 Resp: 671

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#





#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 5.18 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-B(8-12)

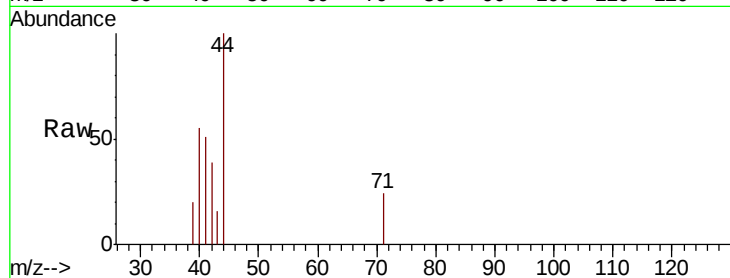
Tot Ion: 42 Resp: 263

Ion Ratio Lower Upper

42 100

72 17.5 37.4 56.0#

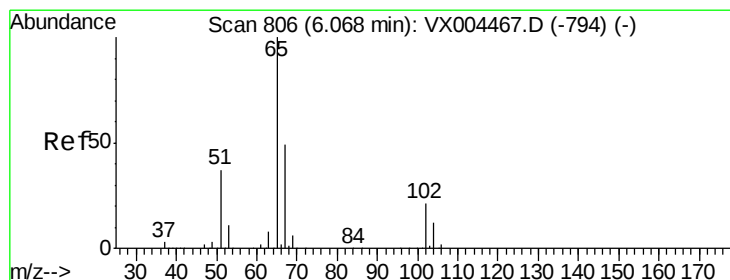
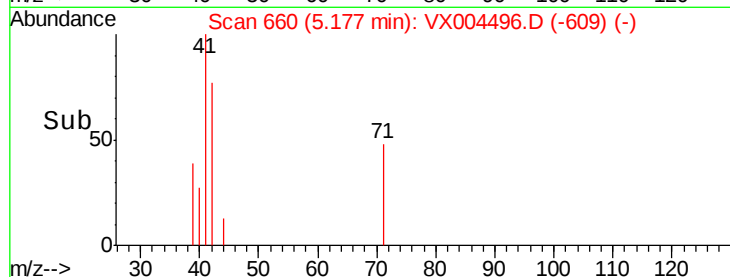
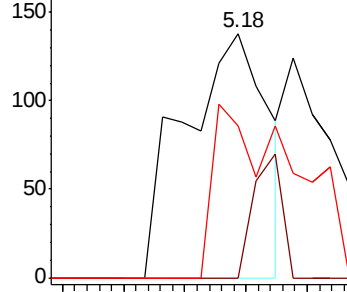
71 70.0 34.5 51.7#



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: 52.52 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004496.D

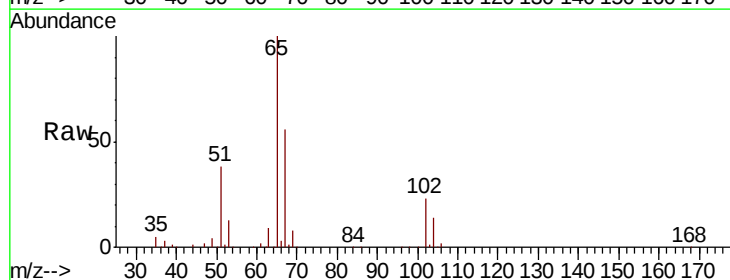
Acq: 12 Sep 2018 15:55

Tgt Ion: 65 Resp: 140985

Ion Ratio Lower Upper

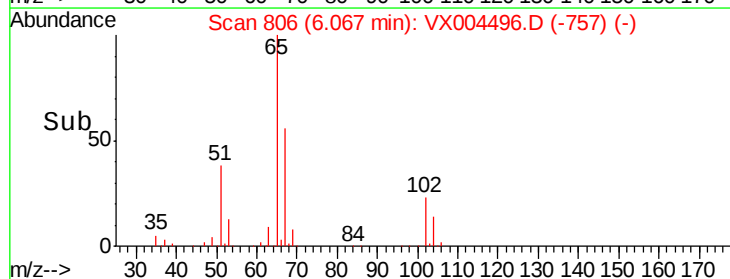
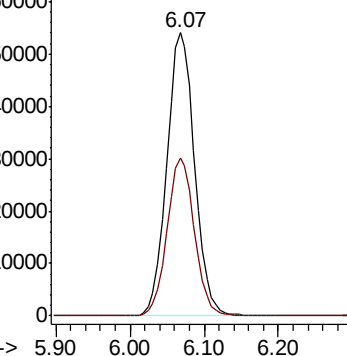
65 100

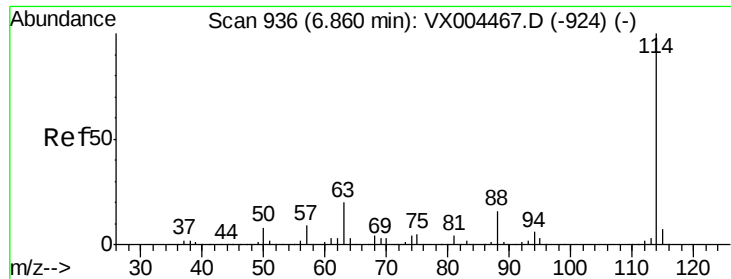
67 54.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

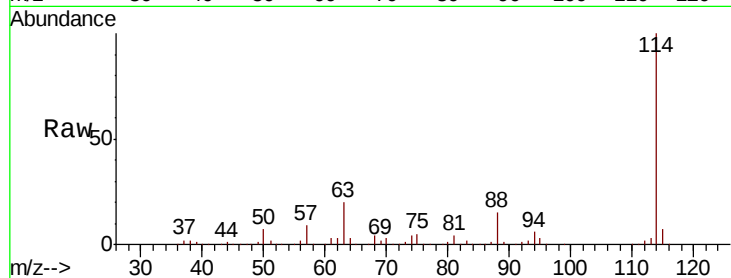




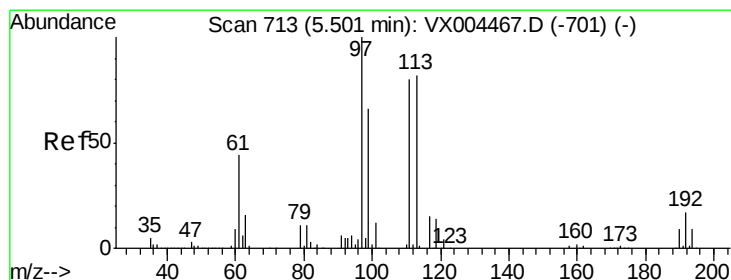
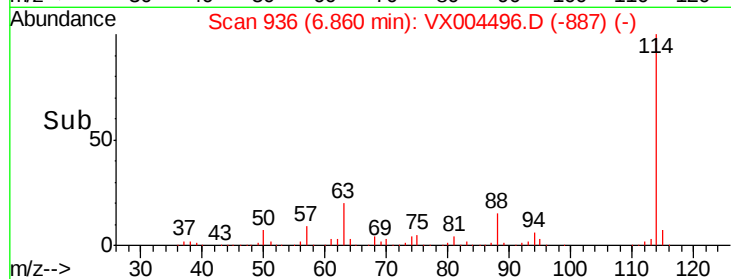
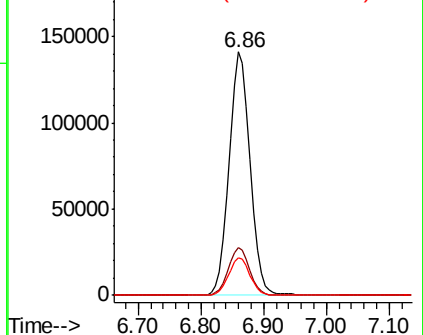
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004496.D
 Acq: 12 Sep 2018 15:55

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(8-12)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.4	0.0	30.4

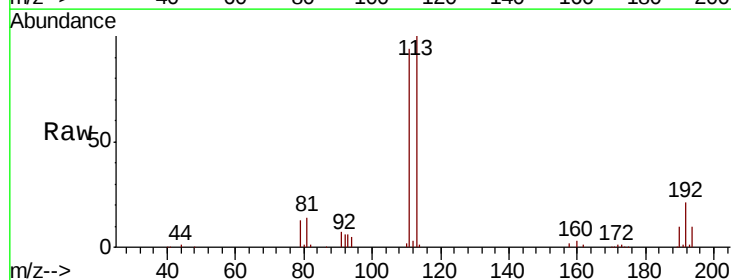


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

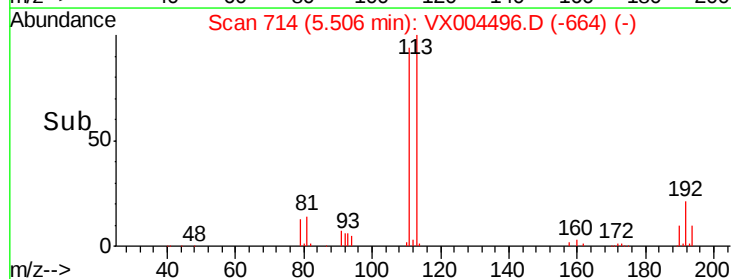
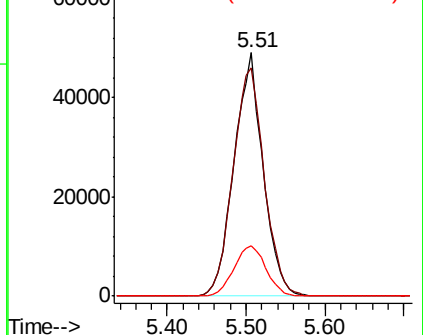


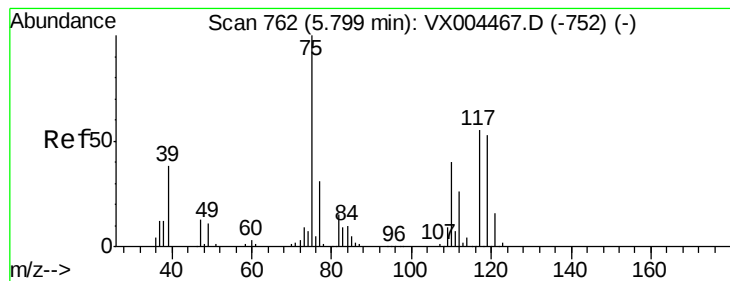
#35
 Dibromofluoromethane
 Concen: 41.97 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004496.D
 Acq: 12 Sep 2018 15:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.4	123.6
192	22.8	19.4	29.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.45 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-B(8-12)

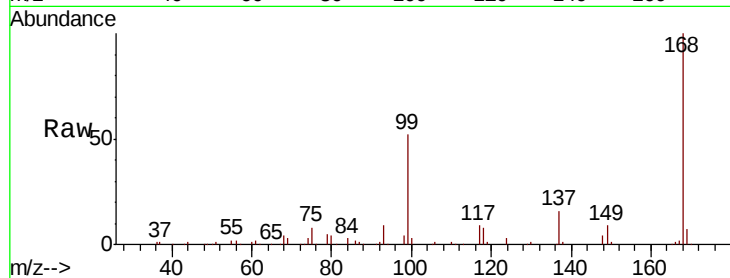
Tot Ion: 75 Resp: 13696

Ion Ratio Lower Upper

75 100

110 9.1 18.0 54.0#

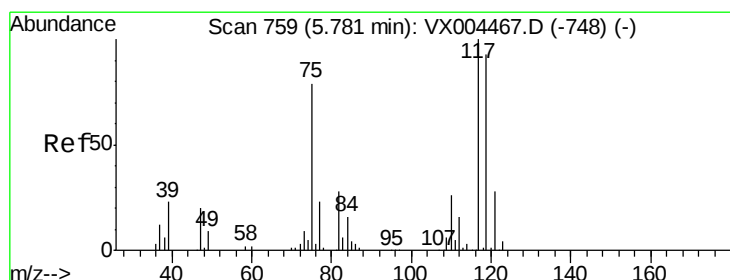
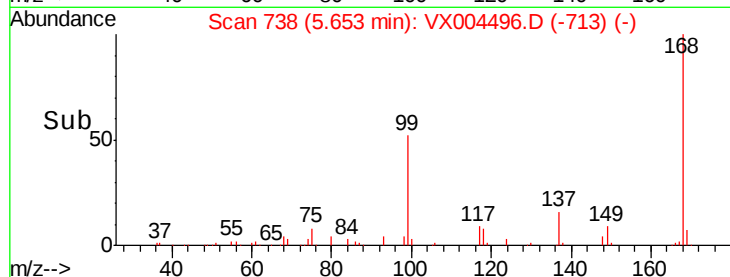
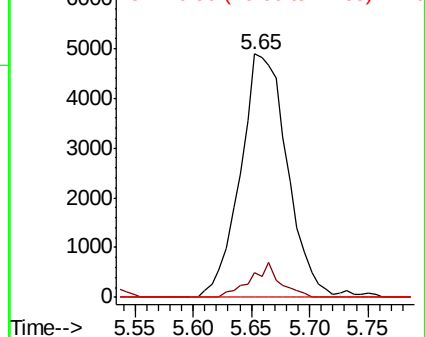
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 4.65 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

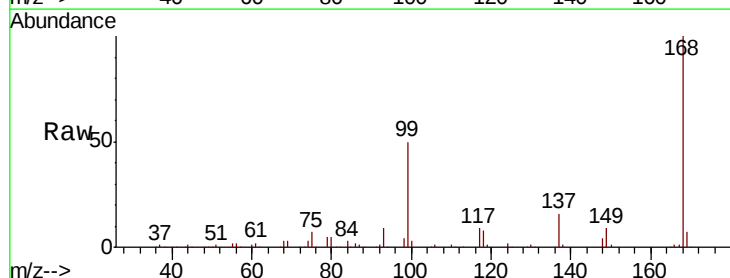
Tgt Ion: 117 Resp: 18019

Ion Ratio Lower Upper

117 100

119 6.4 78.8 118.2#

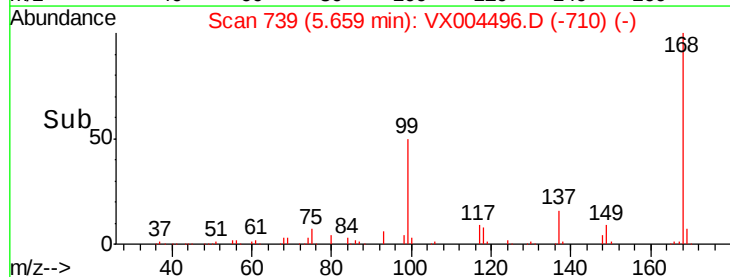
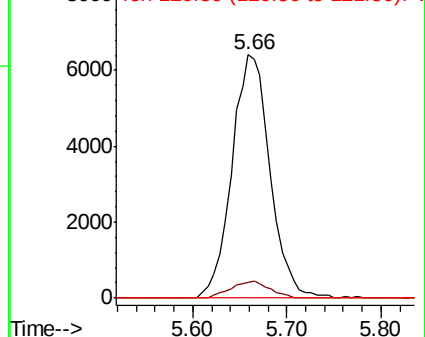
121 0.0 24.9 37.3#

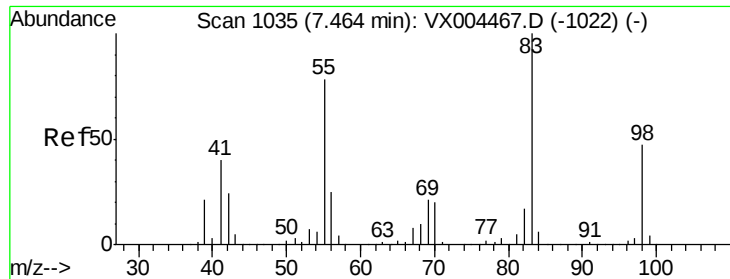


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

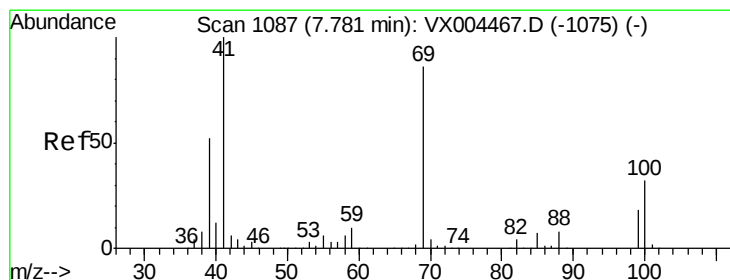
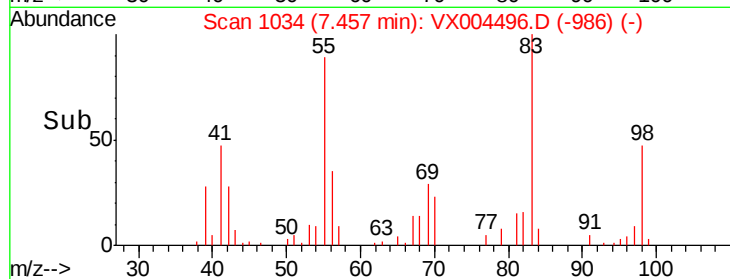
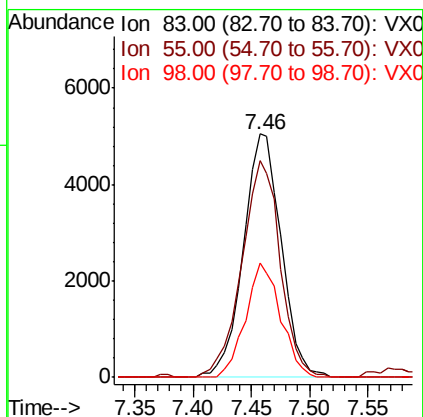
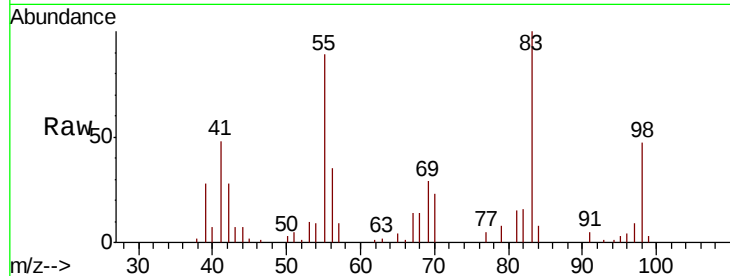




#39
Methylvlcvclohexane
Concen: 2.76 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

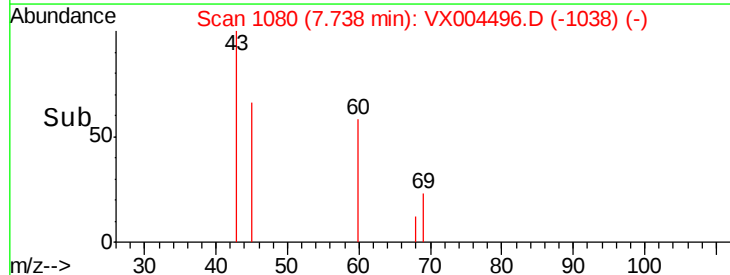
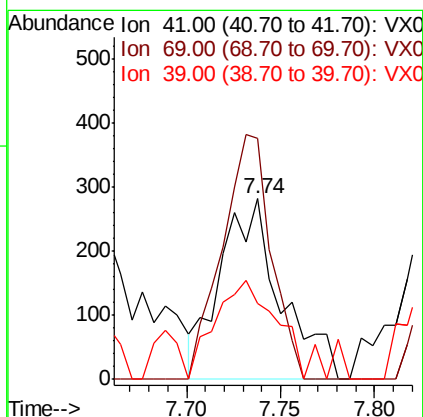
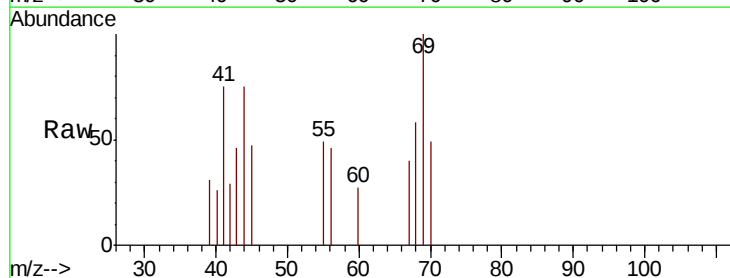
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(8-12)

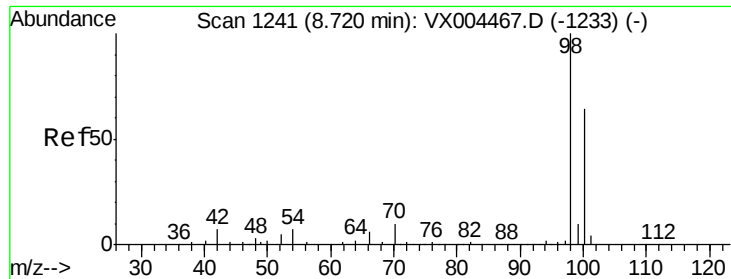
Tot Ion: 83 Resp: 11422
Ion Ratio Lower Upper
83 100
55 89.2 61.0 91.4
98 46.9 39.6 59.4



#48
Methyl methacrylate
Concen: 0.21 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.04 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

Tgt Ion: 41 Resp: 627
Ion Ratio Lower Upper
41 100
69 109.9 70.2 105.4#
39 57.4 42.7 64.1





#50

Toluene-d8

Concen: 49.06 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

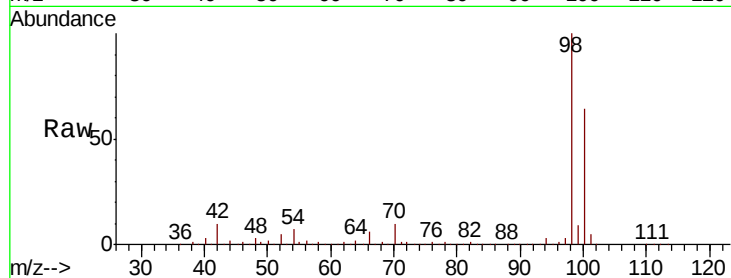
EP1-MW-B(8-12)

Tot Ion: 98 Resp: 492198

Ion Ratio Lower Upper

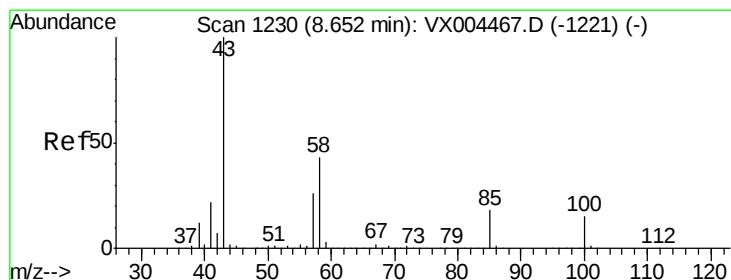
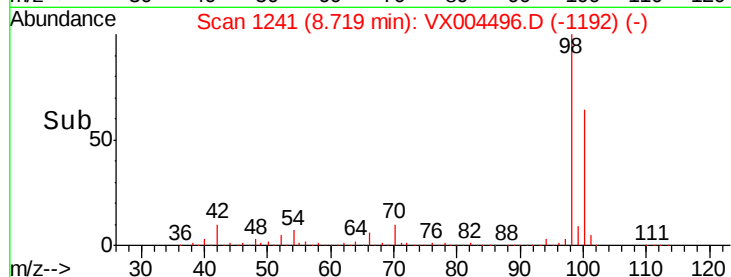
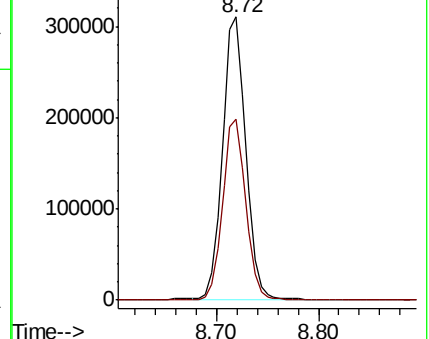
98 100

100 64.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.98 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX004496.D

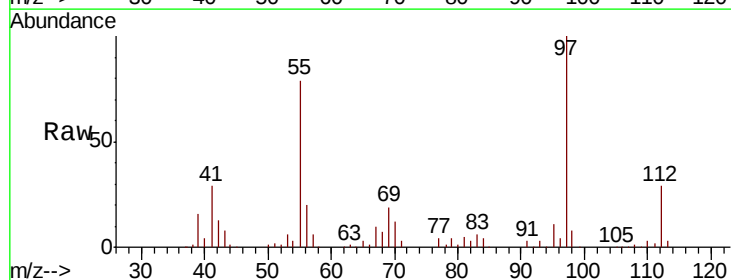
Acq: 12 Sep 2018 15:55

Tgt Ion: 43 Resp: 4158

Ion Ratio Lower Upper

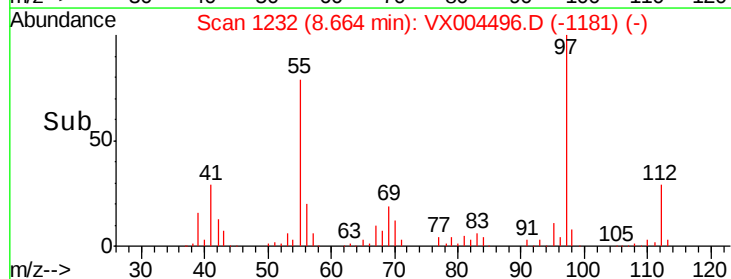
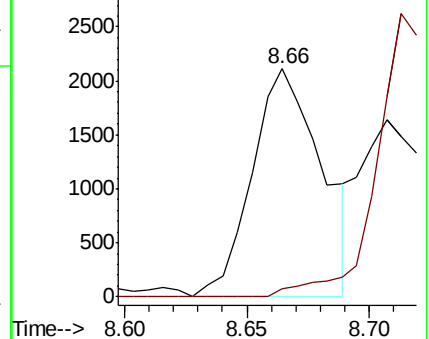
43 100

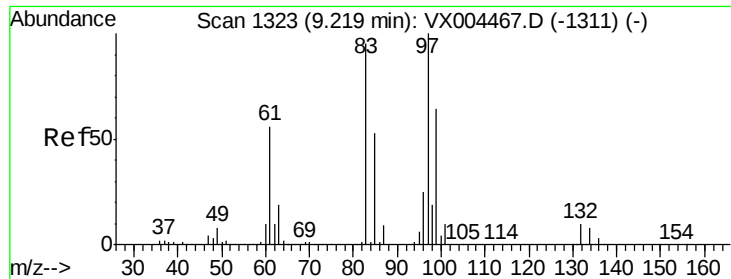
58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#55

1,1,2-Trichloroethane

Concen: 7.31 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.06 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampled :

EP1-MW-B(8-12)

Tot Ion: 97 Resp: 21839

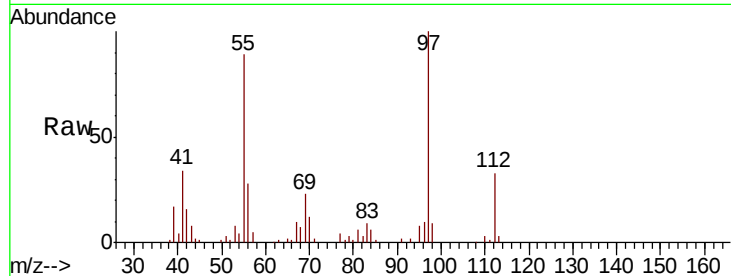
Ion Ratio Lower Upper

97 100

83 9.1 66.4 99.6#

85 0.6 43.3 64.9#

99 0.0 49.0 73.4#



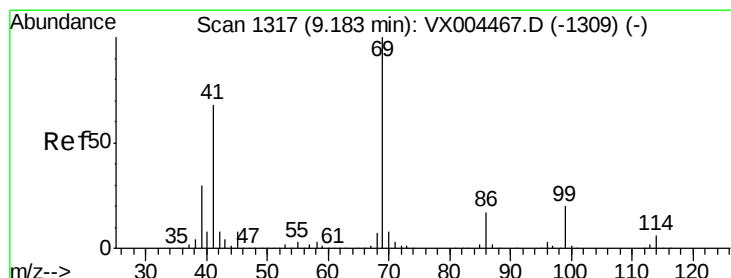
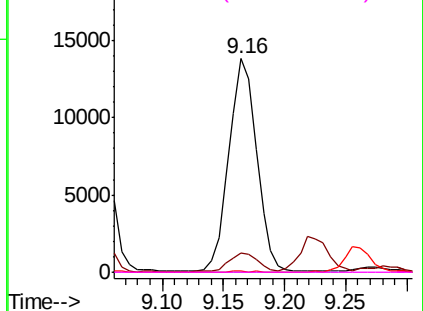
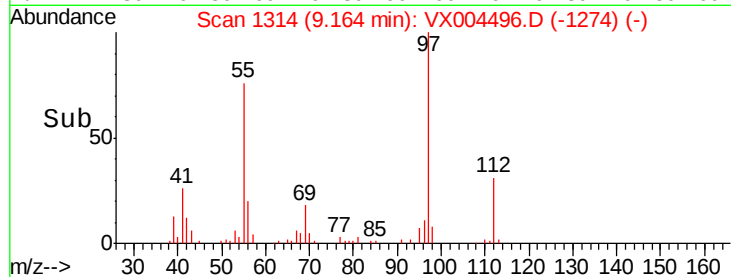
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 1.12 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

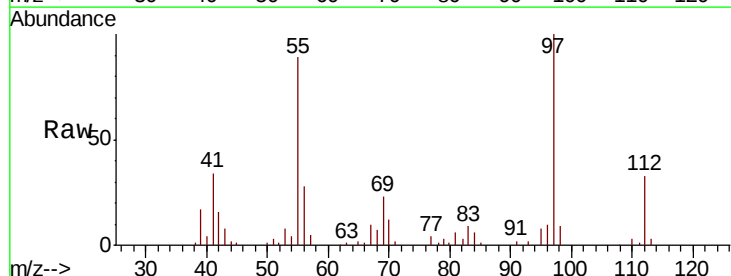
Tgt Ion: 69 Resp: 4728

Ion Ratio Lower Upper

69 100

41 153.3 51.0 76.4#

39 83.6 26.1 39.1#

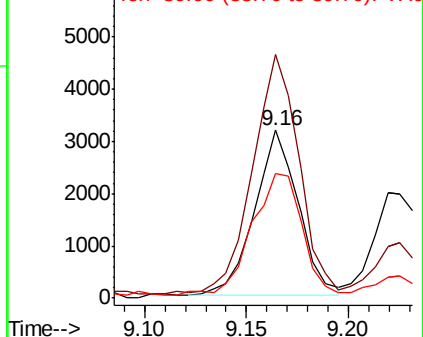
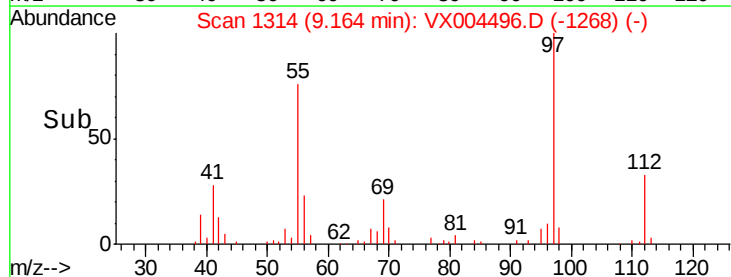


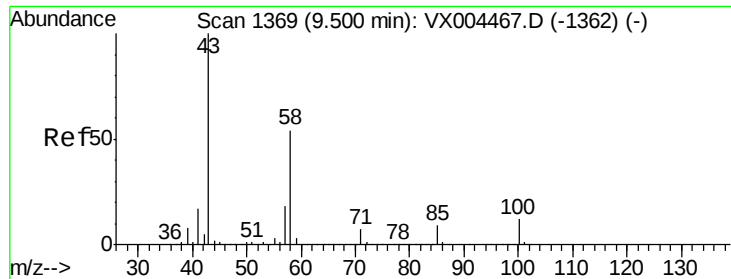
Abundance

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

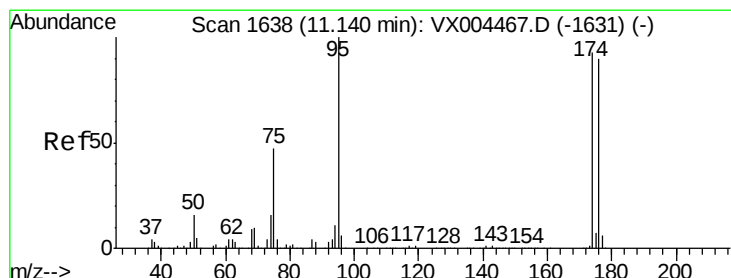
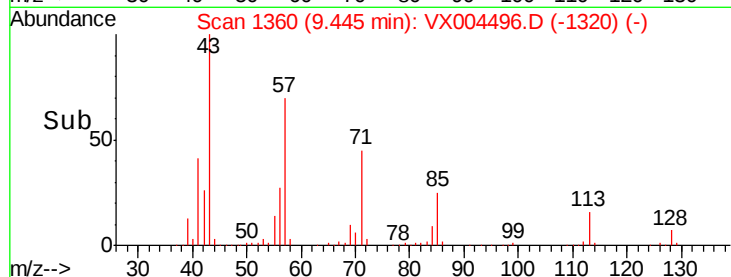
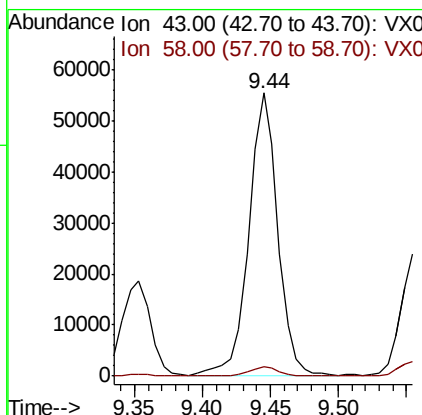
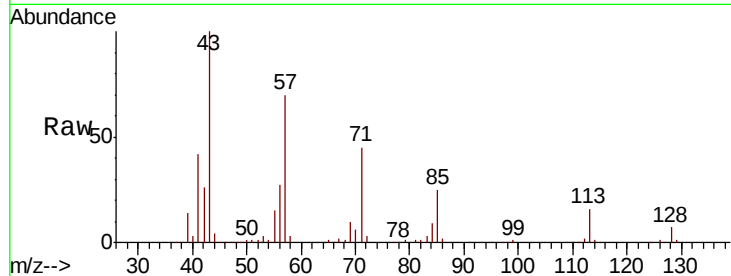




#59
2-Hexanone
Concen: 25.22 ug/l
RT: 9.44 min Scan# 1360
Delta R.T. -0.06 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

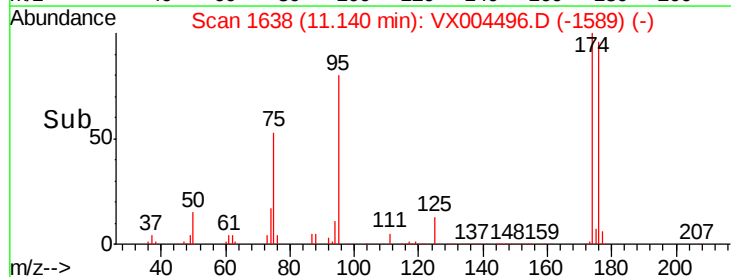
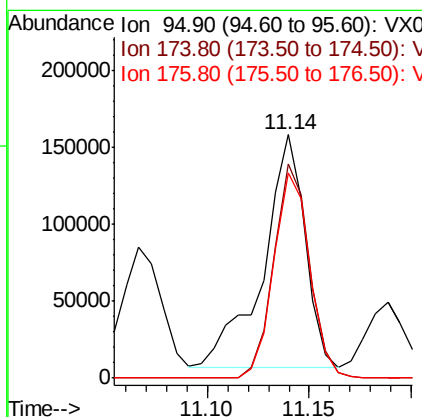
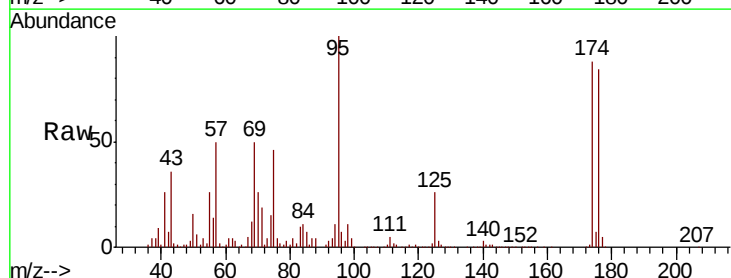
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(8-12)

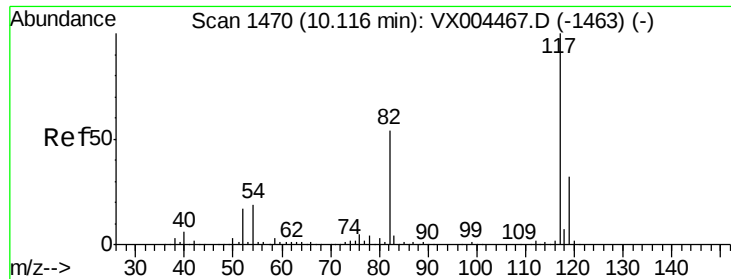
Tot Ion: 43 Resp: 81834
Ion Ratio Lower Upper
43 100
58 3.6 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 60.48 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

Tgt Ion: 95 Resp: 216579
Ion Ratio Lower Upper
95 100
174 78.8 0.0 185.2
176 76.5 0.0 178.6

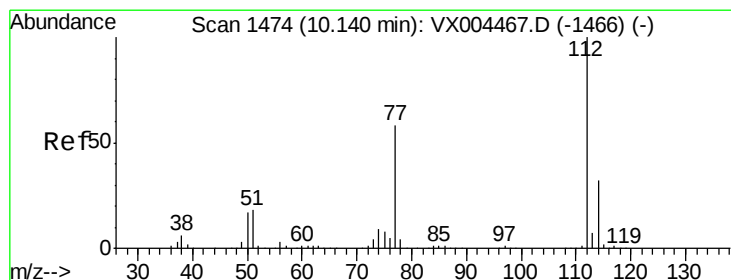
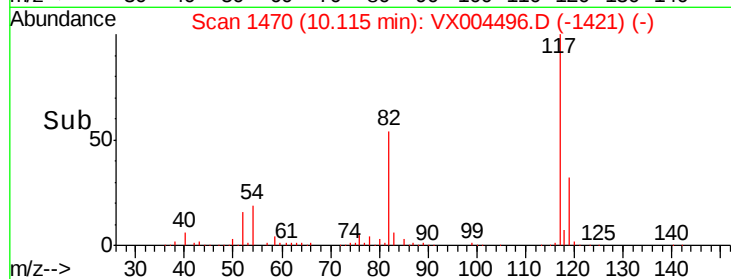
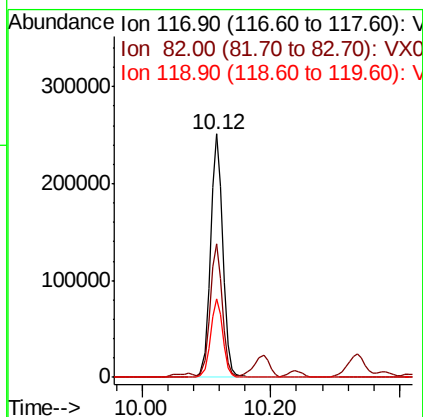
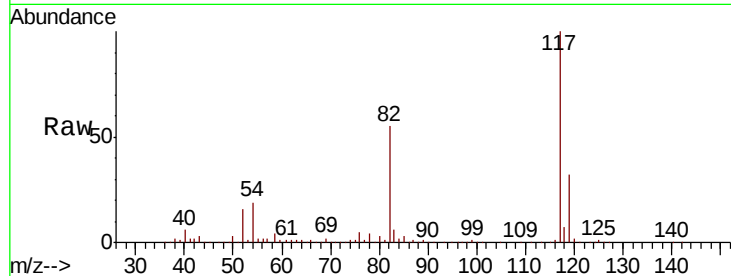




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

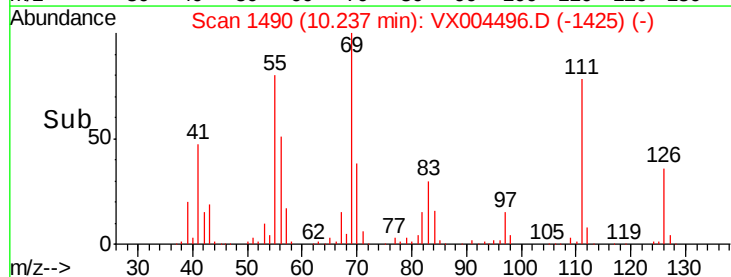
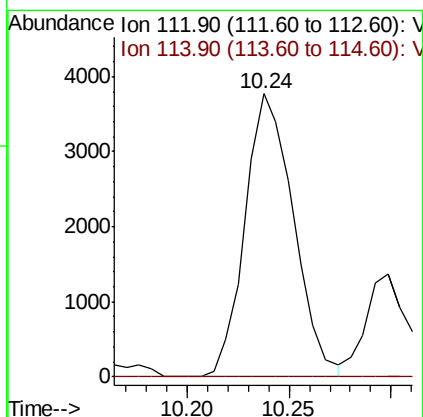
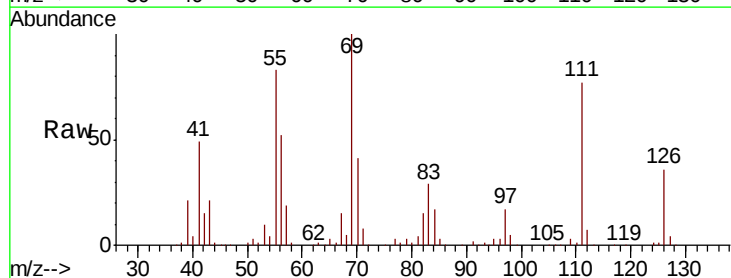
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(8-12)

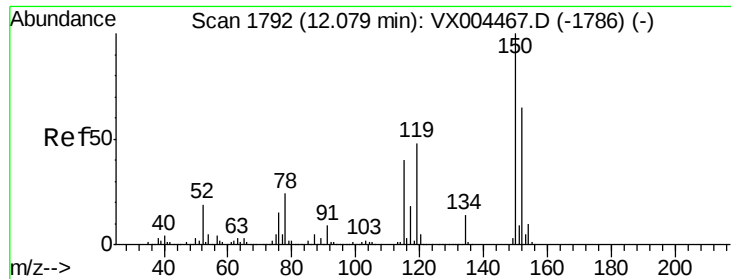
Tot Ion:117 Resp: 33685
Ion Ratio Lower Upper
117 100
82 53.5 47.8 71.6
119 32.4 29.3 43.9



#65
Chlorobenzene
Concen: 0.75 ug/l
RT: 10.24 min Scan# 1490
Delta R.T. 0.10 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

Tgt Ion:112 Resp: 6236
Ion Ratio Lower Upper
112 100
114 0.0 27.8 41.8#



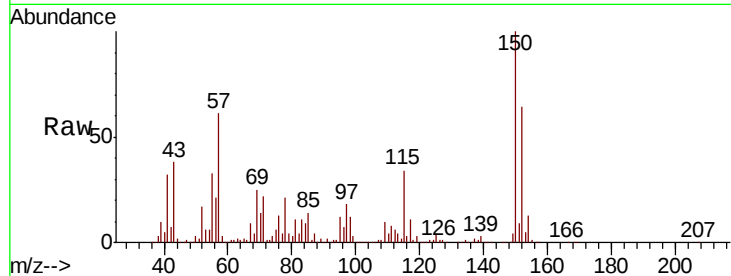


#72

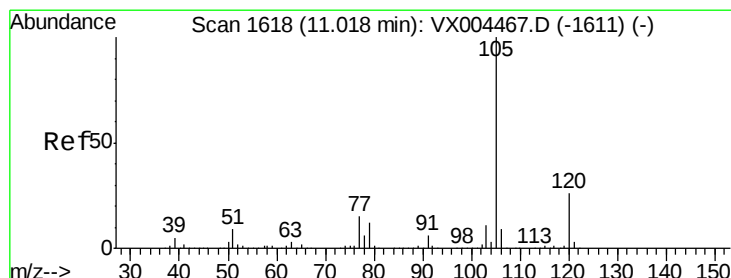
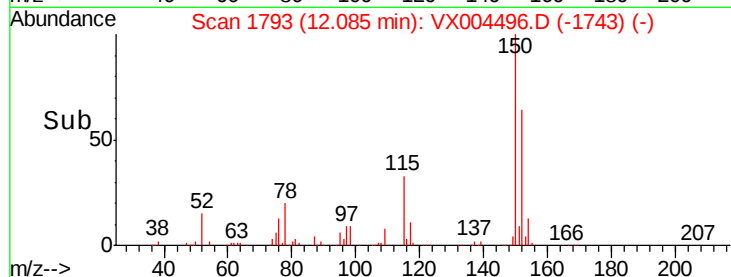
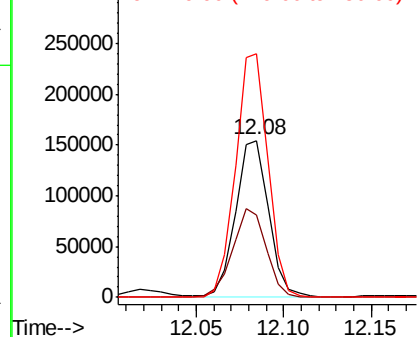
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(8-12)

Tot Ion:152 Resp: 201832
Ion Ratio Lower Upper
152 100
115 57.2 39.0 117.0
150 152.9 0.0 351.0



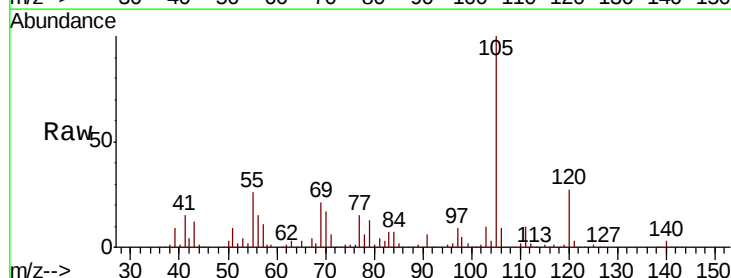
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



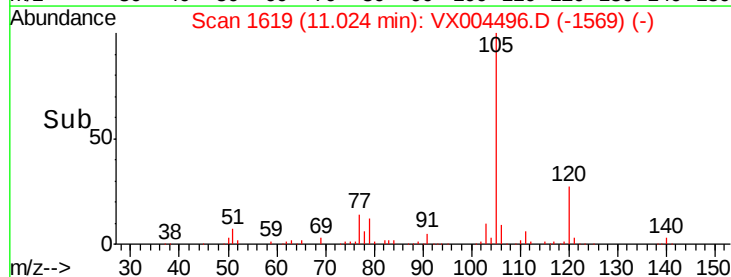
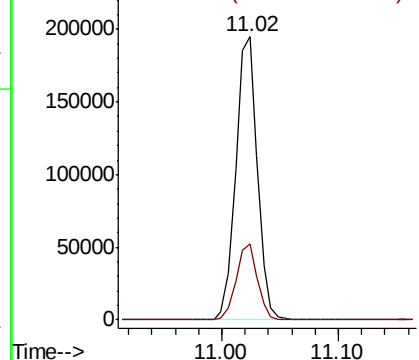
#73

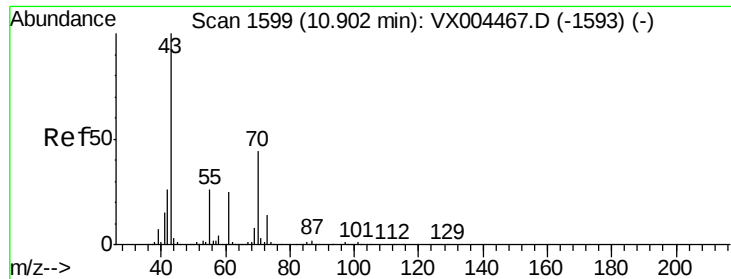
Isopropylbenzene
Concen: 18.89 ug/l
RT: 11.02 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

Tgt Ion:105 Resp: 251081
Ion Ratio Lower Upper
105 100
120 26.3 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: 75.73 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampled :

EP1-MW-B(8-12)

Tot Ion: 43 Resp: 423703

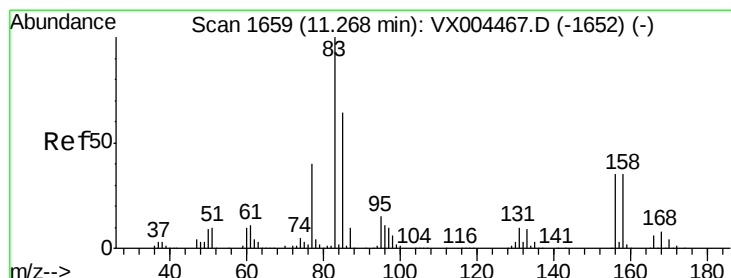
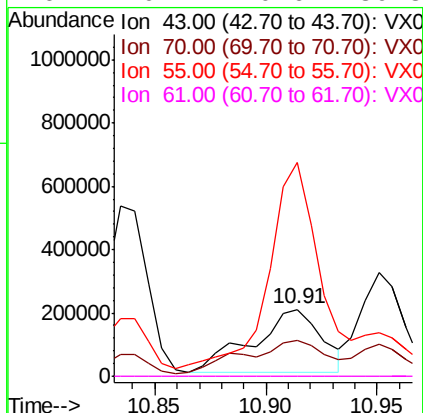
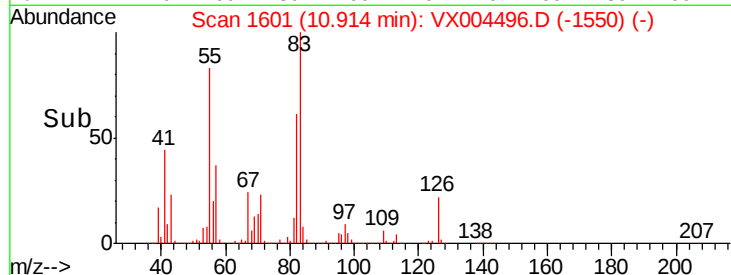
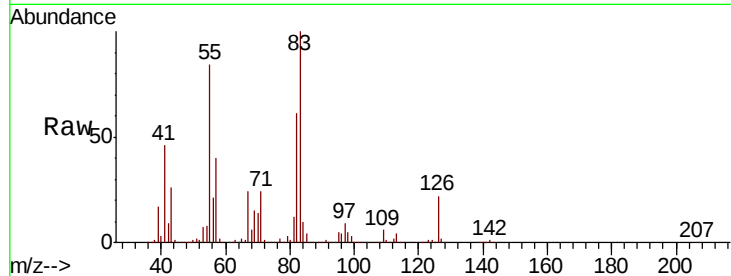
Ion Ratio Lower Upper

43 100

70 64.3 37.4 56.0#

55 234.3 21.8 32.8#

61 0.1 20.6 30.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 45.28 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

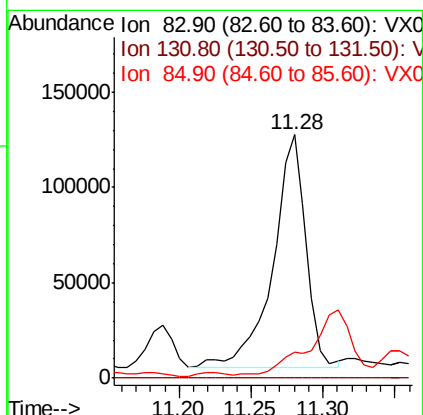
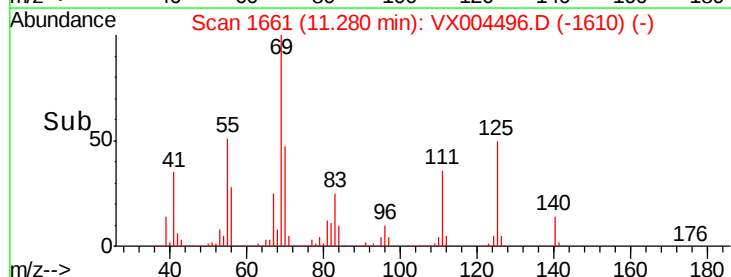
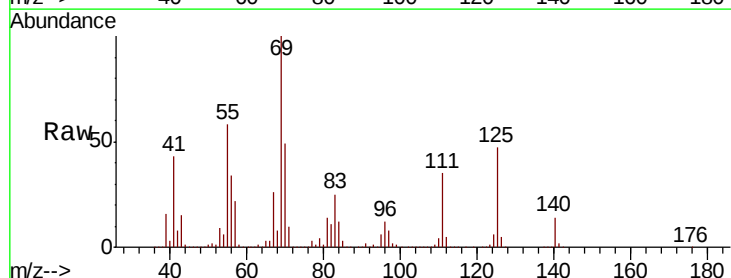
Tgt Ion: 83 Resp: 194141

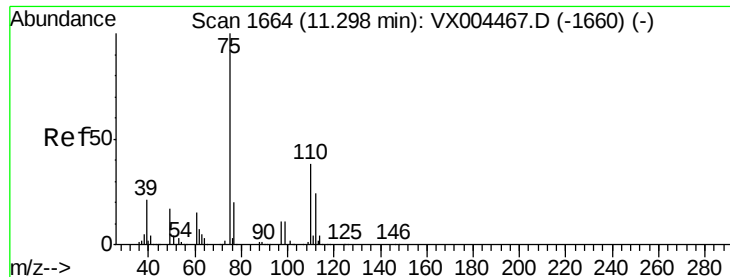
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 1.04 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.07 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampled :

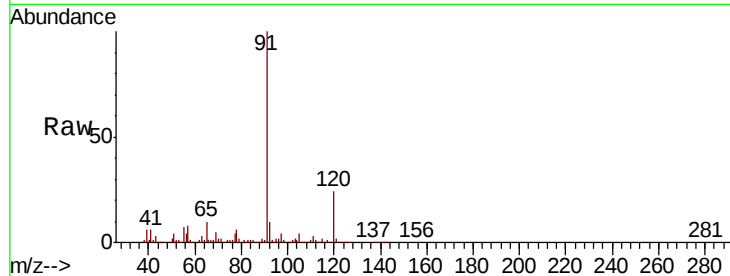
EP1-MW-B(8-12)

Tot Ion: 75 Resp: 4232

Ion Ratio Lower Upper

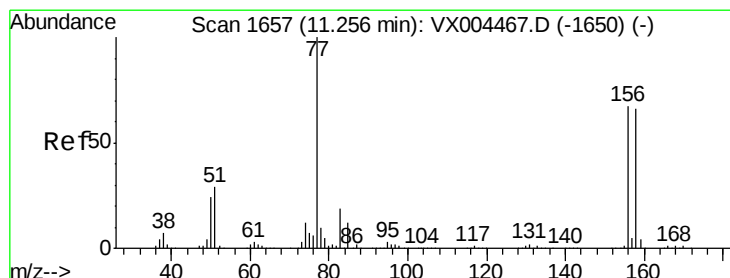
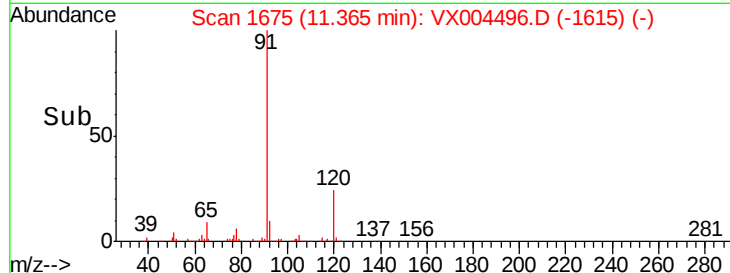
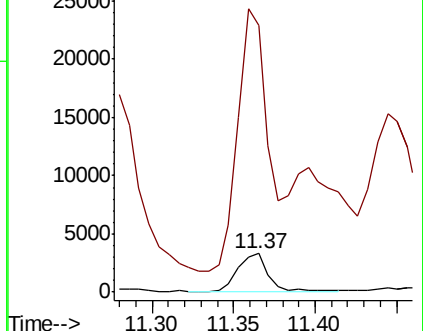
75 100

77 735.4 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: 0.27 ug/l

RT: 11.31 min Scan# 1666

Delta R.T. 0.05 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

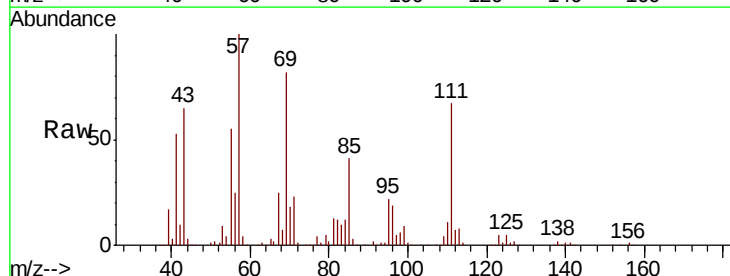
Tgt Ion: 156 Resp: 1002

Ion Ratio Lower Upper

156 100

77 0.0 71.5 214.3#

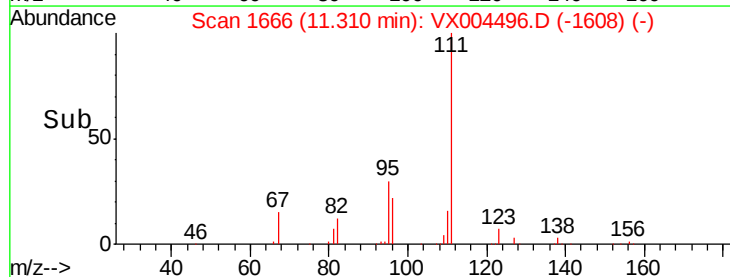
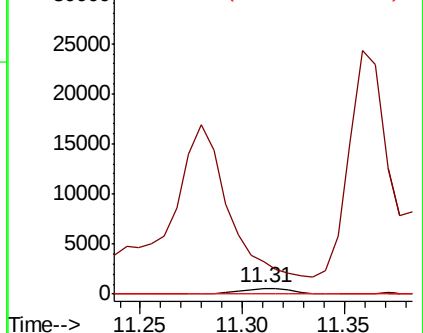
158 0.0 48.9 146.8#

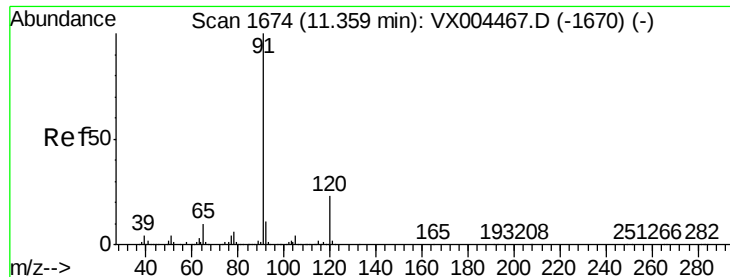


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 50.24 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

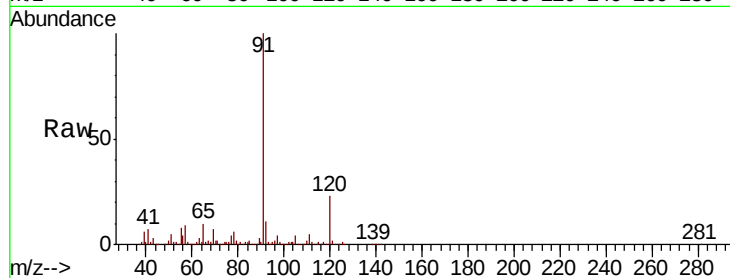
EP1-MW-B(8-12)

Tot Ion: 91 Resp: 767806

Ion Ratio Lower Upper

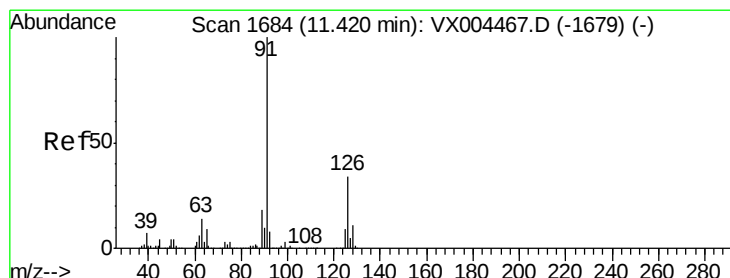
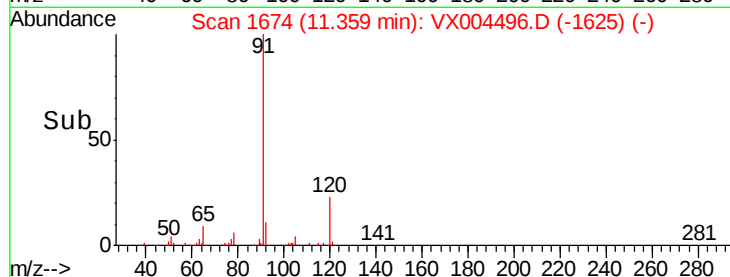
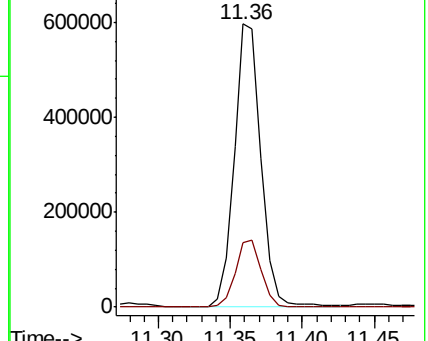
91 100

120 23.2 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: 82.83 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX004496.D

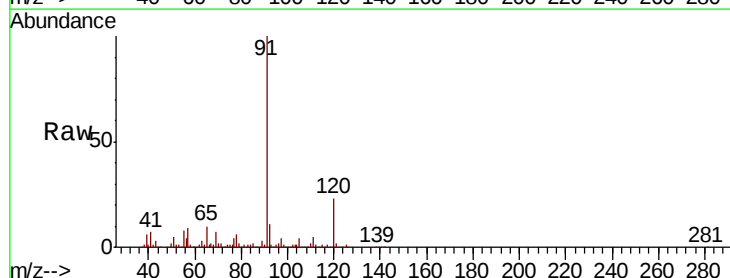
Acq: 12 Sep 2018 15:55

Tgt Ion: 91 Resp: 767806

Ion Ratio Lower Upper

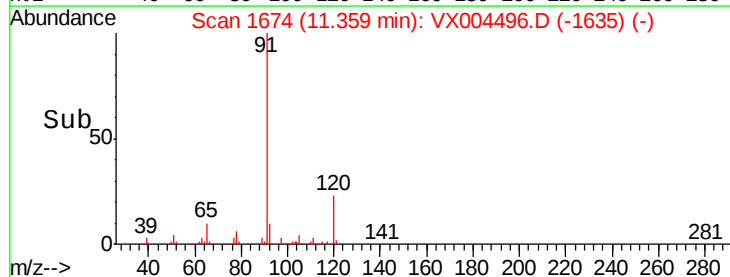
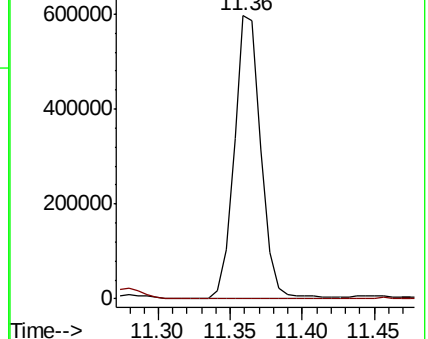
91 100

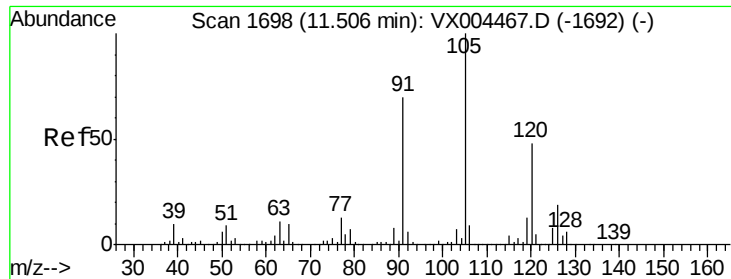
126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.83 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

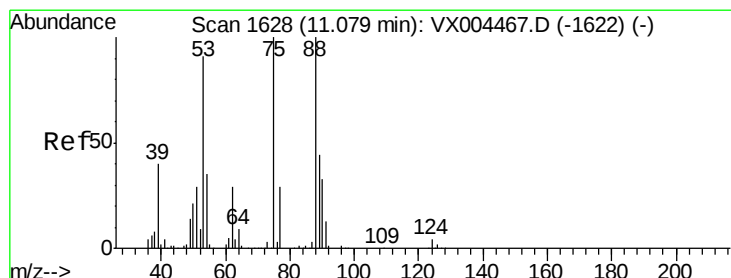
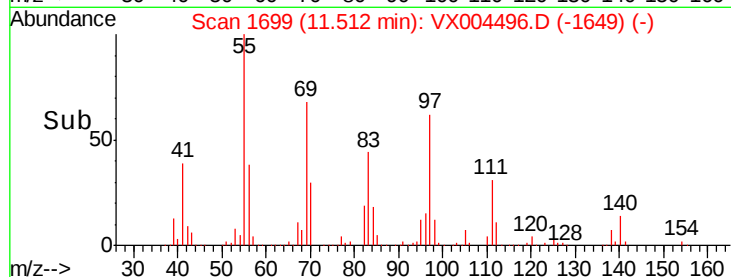
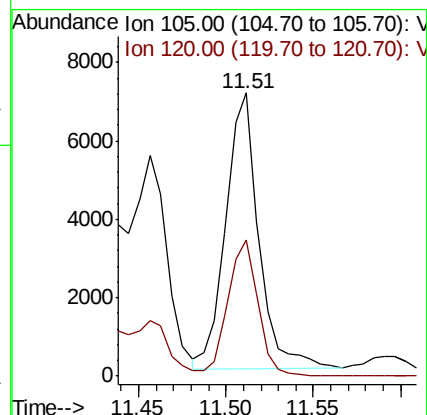
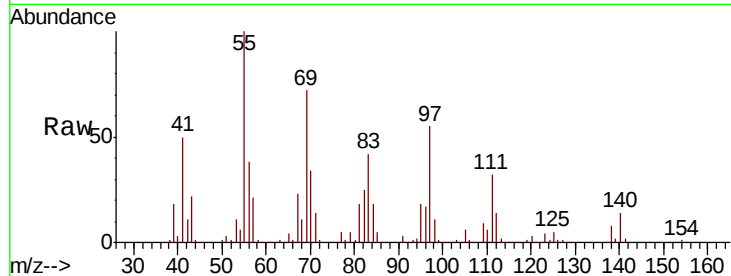
EP1-MW-B(8-12)

Tot Ion:105 Resp: 9280

Ion Ratio Lower Upper

105 100

120 0.0 25.6 76.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.52 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

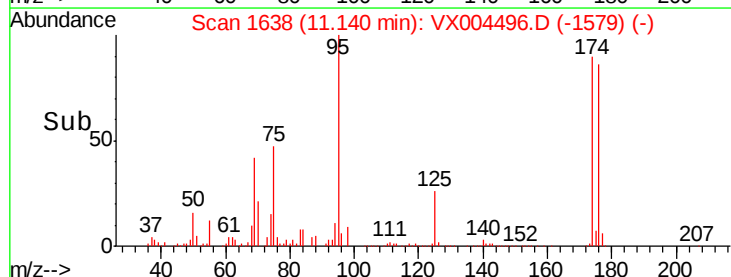
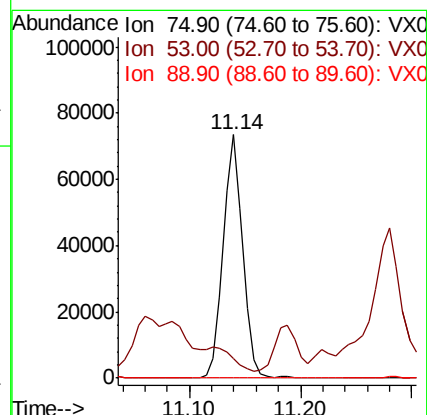
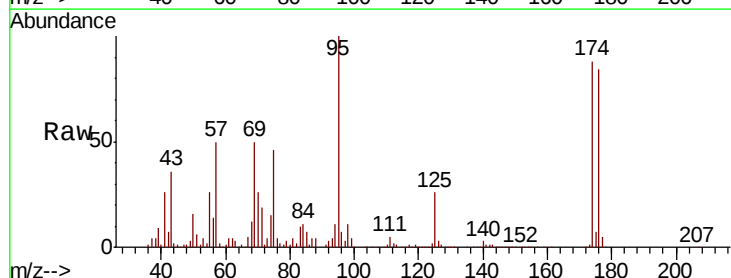
Tgt Ion: 75 Resp: 88571

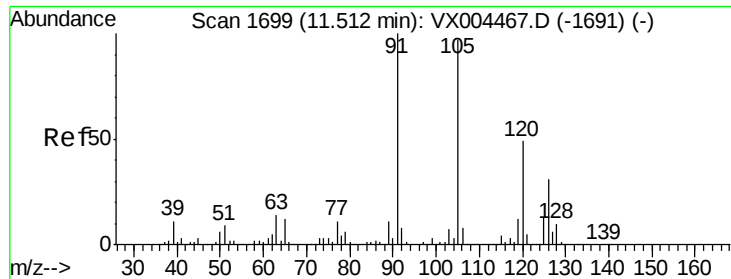
Ion Ratio Lower Upper

75 100

53 0.0 80.1 120.1#

89 0.0 37.2 55.8#

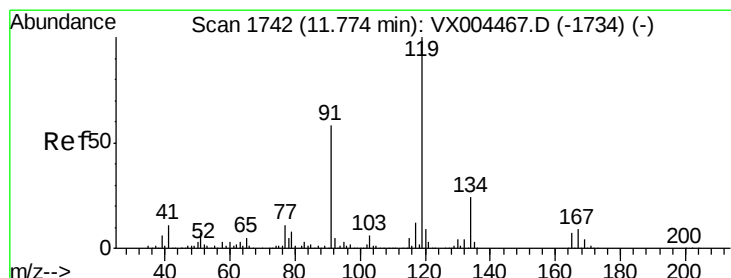
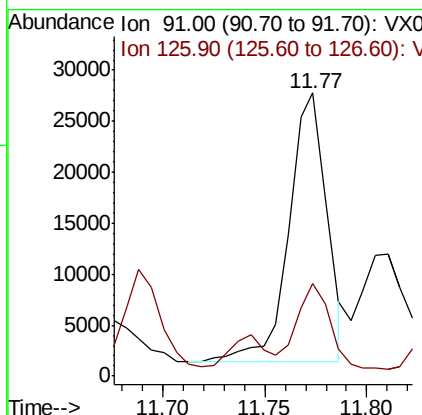
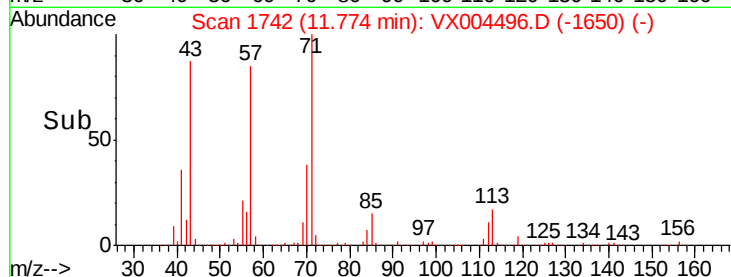
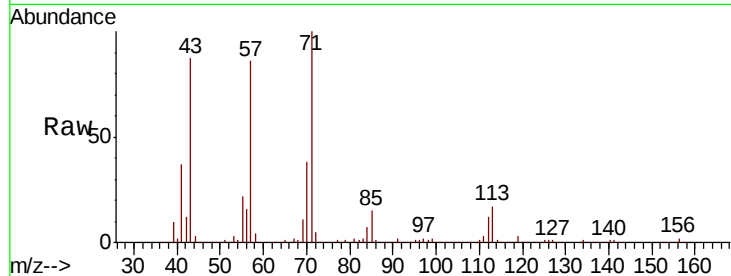




#82
4-Chlorotoluene
Concen: 3.15 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.26 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

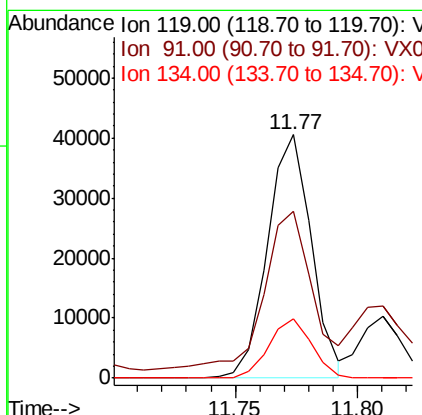
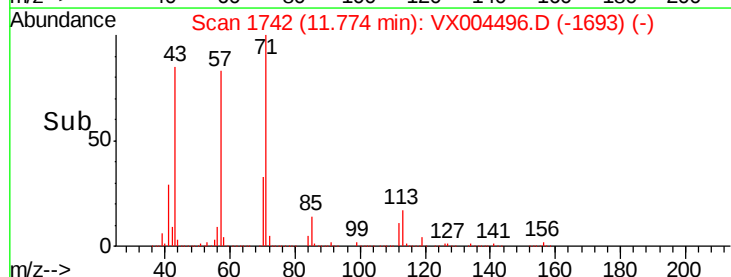
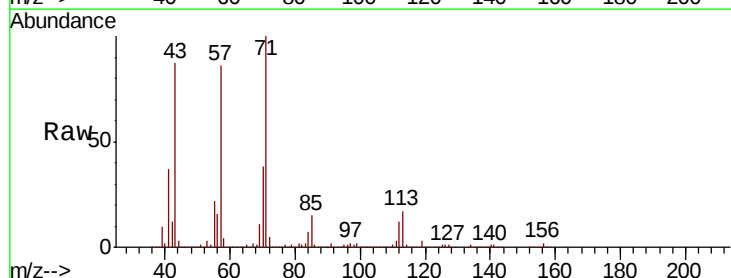
Instrument :
MSVOA_X
ClientSampled :
EP1-MW-B(8-12)

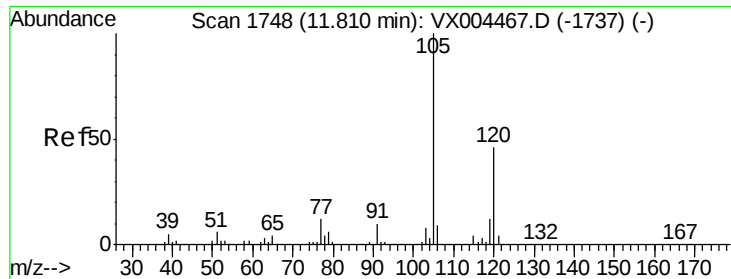
Tot Ion: 91 Resp: 34099
Ion Ratio Lower Upper
91 100
126 19.9 15.5 46.5



#83
tert-Butylbenzene
Concen: 4.73 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004496.D
Acq: 12 Sep 2018 15:55

Tgt Ion: 119 Resp: 50337
Ion Ratio Lower Upper
119 100
91 70.7 27.0 81.0
134 23.9 11.7 35.1

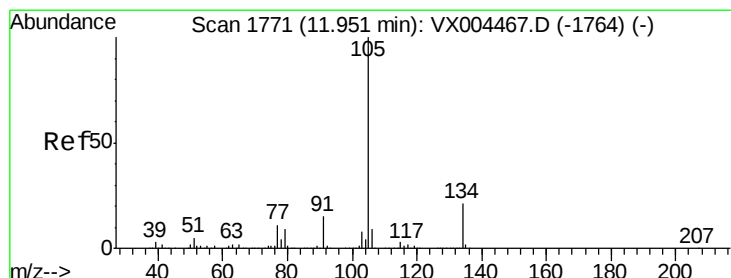
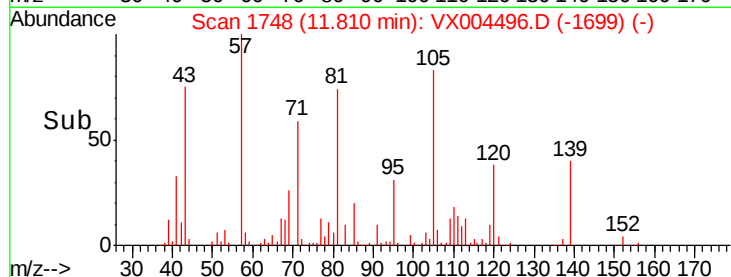
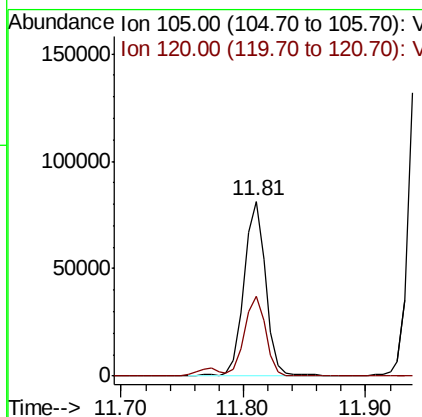
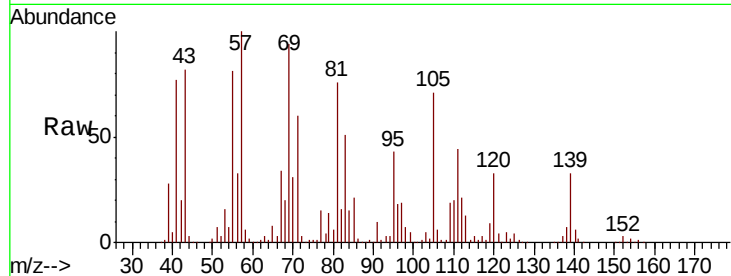




#84
 1,2,4-Trimethylbenzene
 Concen: 8.59 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004496.D
 Acq: 12 Sep 2018 15:55

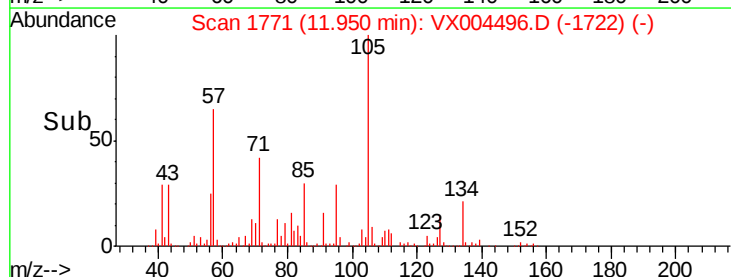
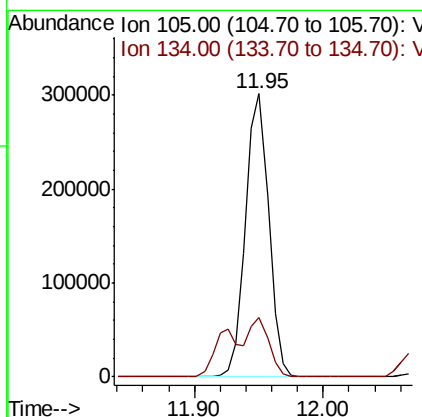
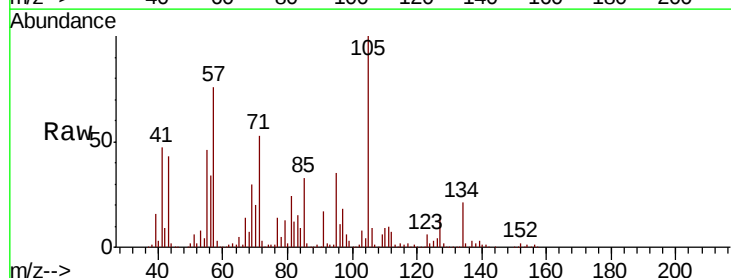
Instrument :
 MSVOA_X
 ClientSampled :
 EP1-MW-B(8-12)

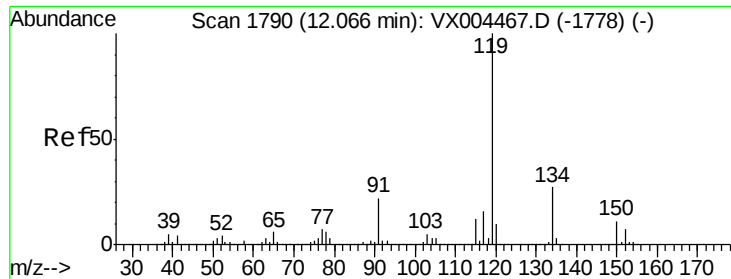
Tot Ion:105 Resp: 97960
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 27.57 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: VX004496.D
 Acq: 12 Sep 2018 15:55

Tgt Ion:105 Resp: 373707
 Ion Ratio Lower Upper
 105 100
 134 17.5 10.5 31.5

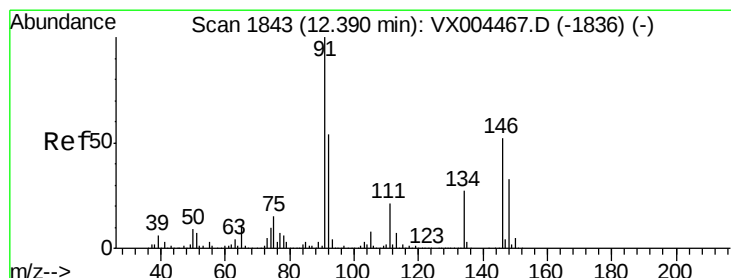
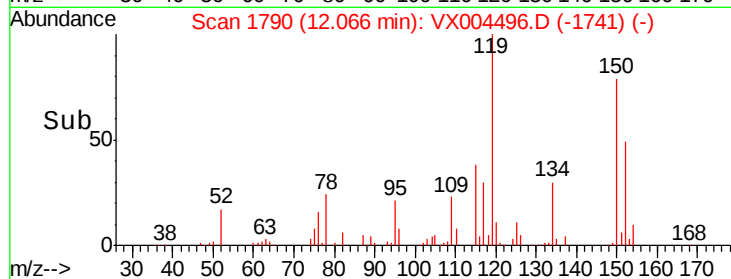
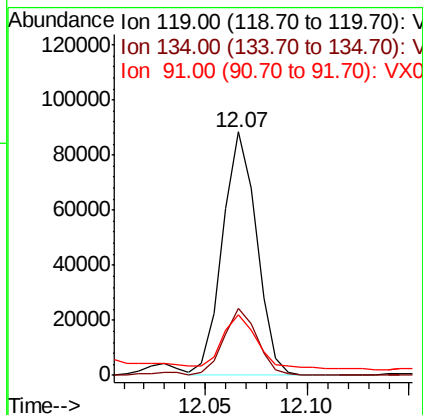
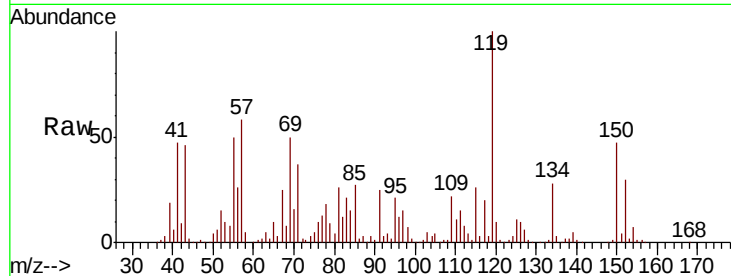




#86
 p-Isopropyltoluene
 Concen: 8.51 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004496.D
 Acq: 12 Sep 2018 15:55

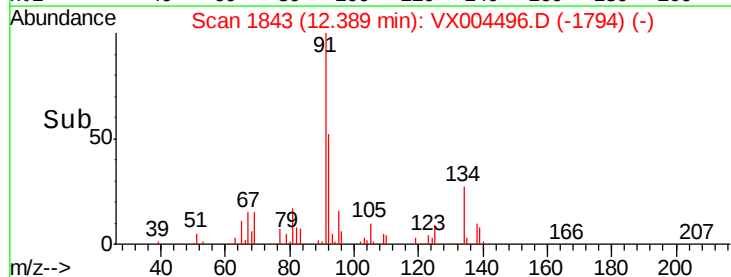
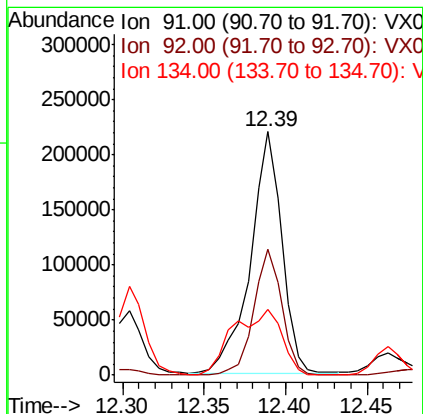
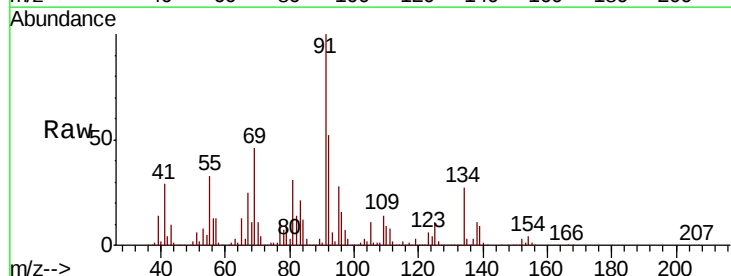
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(8-12)

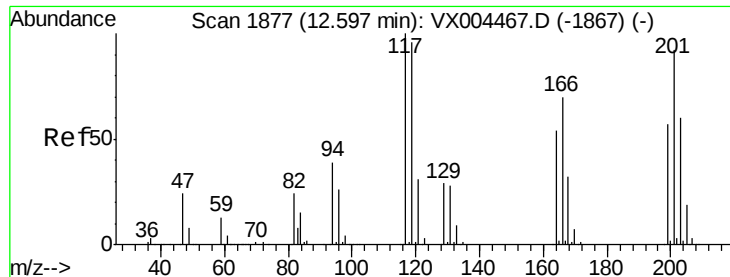
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.2
91	22.2	10.9	32.7



#89
 n-Butylbenzene
 Concen: 26.95 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004496.D
 Acq: 12 Sep 2018 15:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	46.6	27.3	81.9
134	42.1	13.6	40.7





#90

Hexachloroethane

Concen: 10.38 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

Instrument :

MSVOA_X

ClientSampleId :

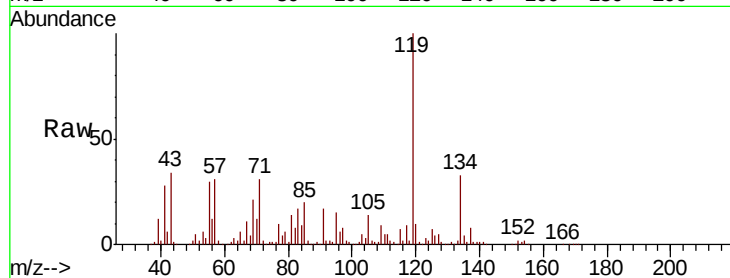
EP1-MW-B(8-12)

Tot Ion:117 Resp: 19899

Ion Ratio Lower Upper

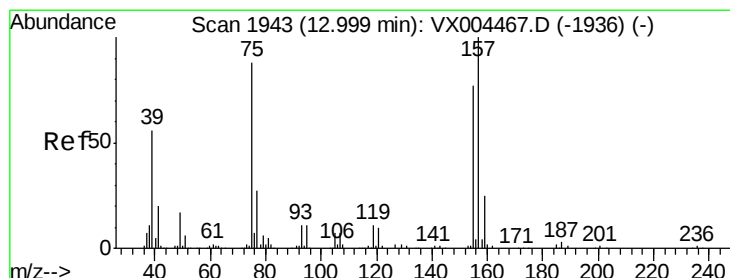
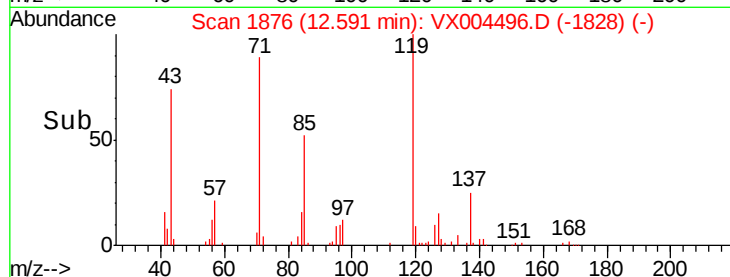
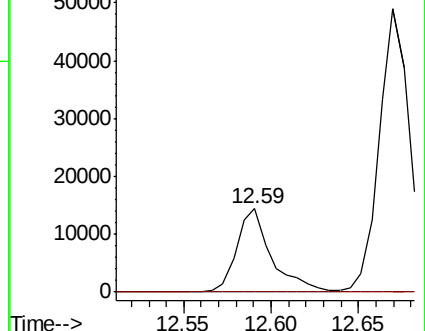
117 100

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: 2.88 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX004496.D

Acq: 12 Sep 2018 15:55

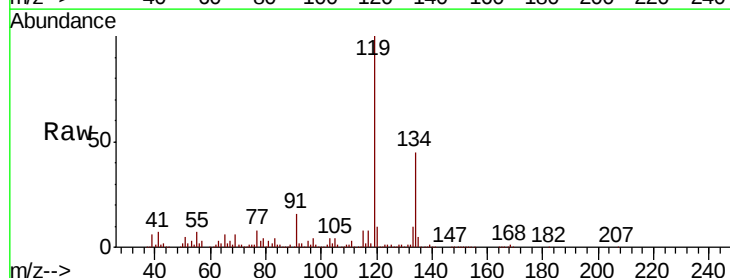
Tgt Ion: 75 Resp: 2636

Ion Ratio Lower Upper

75 100

155 27.8 48.0 144.2#

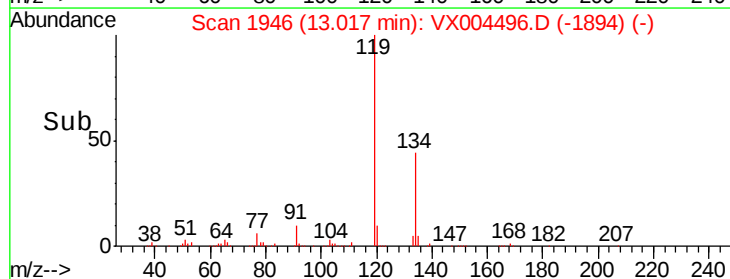
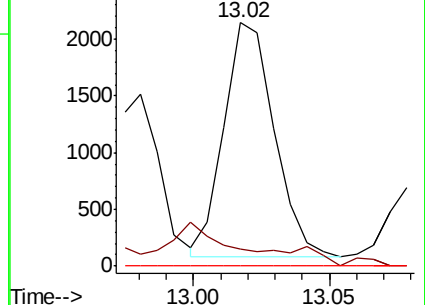
157 0.0 61.4 184.1#

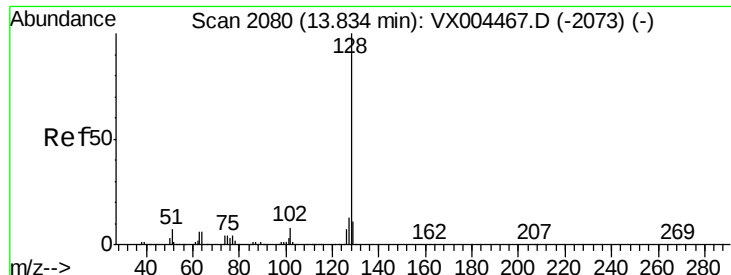


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
 Naphthalene
 Concen: 0.29 ug/l
 RT: 13.84 min Scan# 2081
 Delta R.T. 0.01 min
 Lab File: VX004496.D
 Acq: 12 Sep 2018 15:55

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(8-12)

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.2	15.2
129	22.2	8.6	12.8

