

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004494.D
 Acq On : 12 Sep 2018 15:01
 Operator : JC/MD
 Sample : J4848-04 10X
 Misc : 5.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-A(16-20)

Quant Time: Sep 13 01:02:09 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	201745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321597	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202146	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139613	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
35) Dibromofluoromethane	5.50	113	120202	40.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.68%	
50) Toluene-d8	8.72	98	484334	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.14	95	239055	67.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.72%	

Target Compounds				Qvalue		
3) Chloromethane	1.32	50	626	0.24	ug/l	94
5) Bromomethane	1.64	94	1281	Below	Cal	90
10) Methyl Iodide	2.52	142	800	4.53	ug/l #	76
11) Tert butyl alcohol	3.07	59	200	0.32	ug/l #	72
13) Acrolein	2.29	56	177	0.72	ug/l #	76
16) Acetone	2.45	43	1092	0.86	ug/l #	83
18) Methyl Acetate	2.78	43	736	0.21	ug/l #	85
20) Methylene Chloride	2.85	84	742	0.28	ug/l #	90
25) 2-Butanone	4.71	43	445	0.22	ug/l #	47
31) Cyclohexane	5.66	56	3549	0.94	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13517	3.46	ug/l #	50
38) Carbon Tetrachloride	5.67	117	17525	4.60	ug/l #	16
39) Methylcyclohexane	7.45	83	2207	0.54	ug/l #	40
51) 4-Methyl-2-Pentanone	8.66	43	4183	1.00	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	38428	13.08	ug/l #	20
56) Ethyl methacrylate	9.16	69	8508	2.05	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.31	63	21	7.28	ug/l #	45
59) 2-Hexanone	9.55	43	59422	18.61	ug/l #	40
65) Chlorobenzene	10.24	112	9702	1.19	ug/l #	40
67) Ethyl Benzene	10.25	91	3562	0.27	ug/l	93
73) Isopropylbenzene	11.02	105	374144	28.10	ug/l	100
74) N-amyl acetate	10.91	43	604481	107.87	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	332867	77.51	ug/l #	25
76) 1,2,3-Trichloropropane	11.36	75	6947	1.71	ug/l #	1
78) n-propylbenzene	11.36	91	1105372	72.21	ug/l	98
79) 2-Chlorotoluene	11.36	91	1105372	119.06	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	32731	2.92	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	87032	68.21	ug/l #	9
82) 4-Chlorotoluene	11.77	91	42191	3.89	ug/l	93
83) tert-Butylbenzene	11.77	119	58151	5.46	ug/l	78
84) 1,2,4-Trimethylbenzene	11.81	105	122619	10.73	ug/l	98
85) sec-Butylbenzene	11.95	105	575064	42.35	ug/l	93
86) p-Isopropyltoluene	12.24	119	167311	13.95	ug/l	94
89) n-Butylbenzene	12.39	91	380309	34.81	ug/l	86

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QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

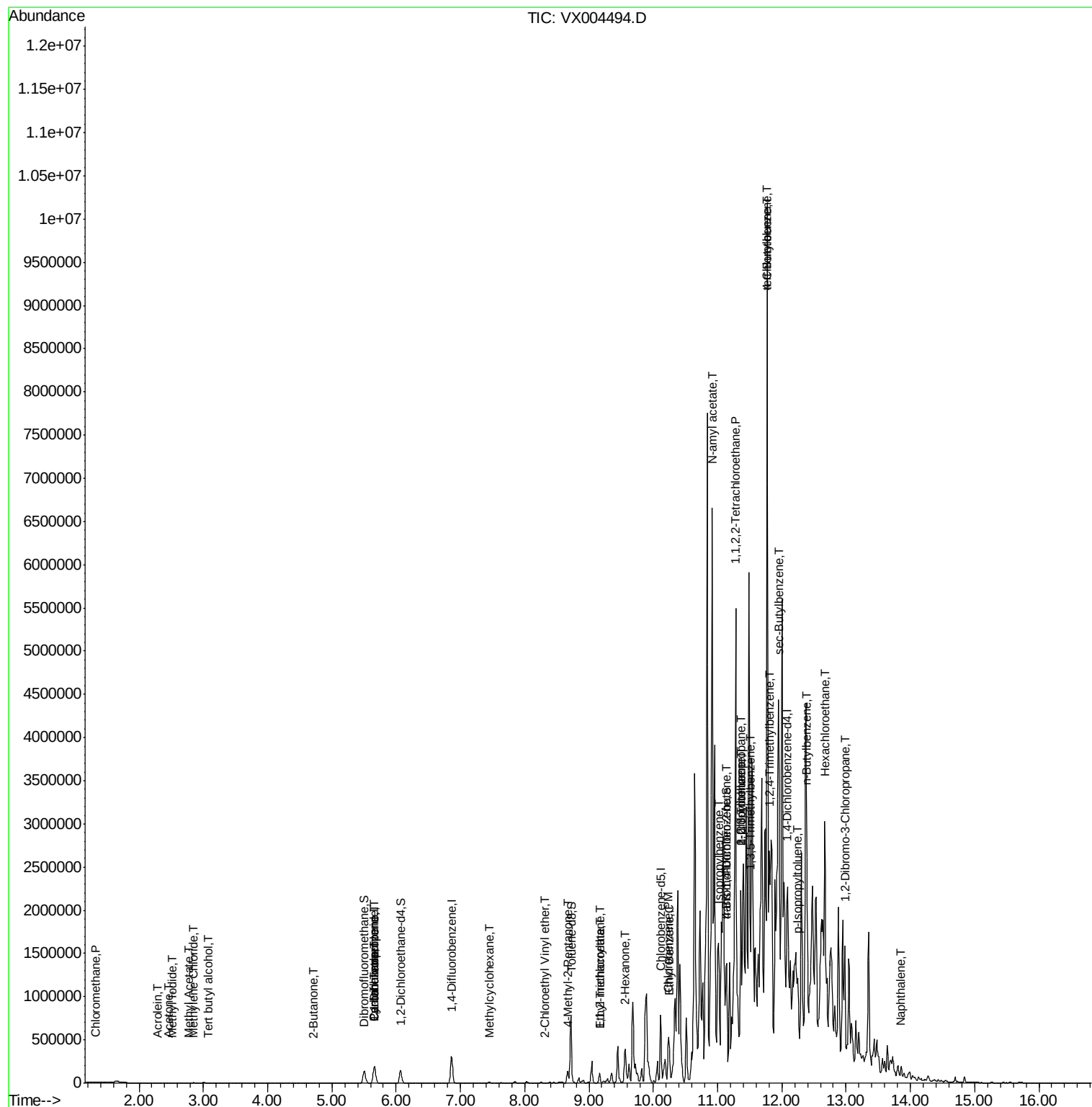
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.67	117	107318	55.91	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4179	4.56	ug/l #	1
95) Naphthalene	13.84	128	7287	0.53	ug/l #	60

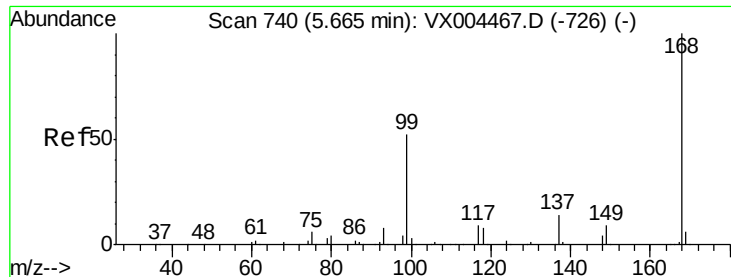
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

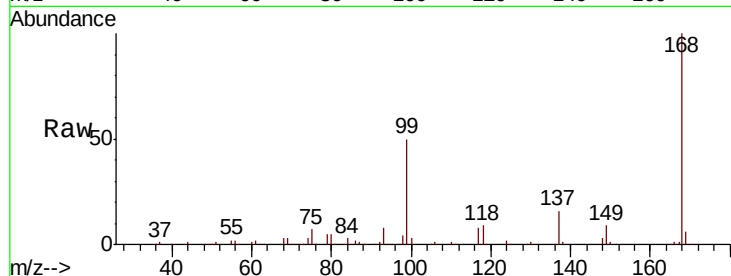
EP1-MW-A(16-20)

Tot Ion:168 Resp: 201745

Ion Ratio Lower Upper

168 100

99 49.6 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

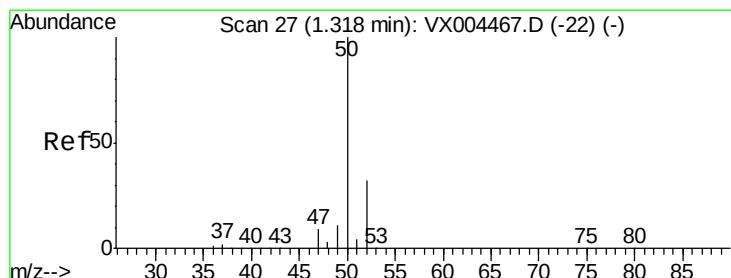
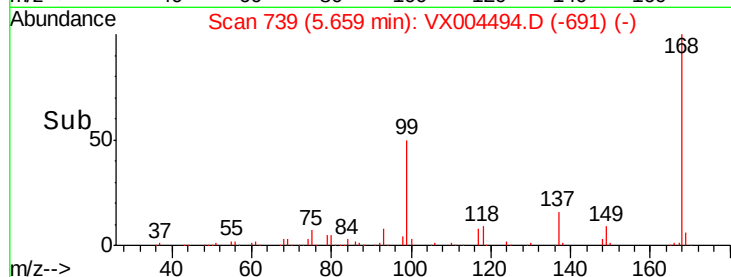
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.24 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX004494.D

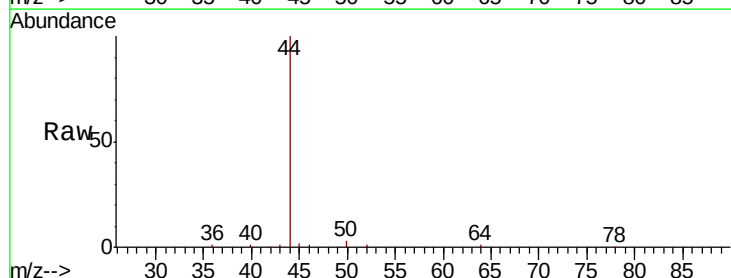
Acq: 12 Sep 2018 15:01

Tgt Ion: 50 Resp: 626

Ion Ratio Lower Upper

50 100

52 29.5 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

400

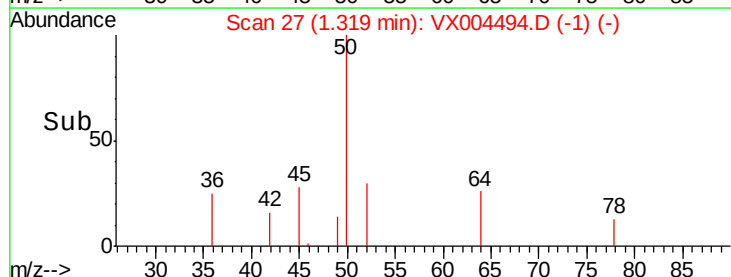
300

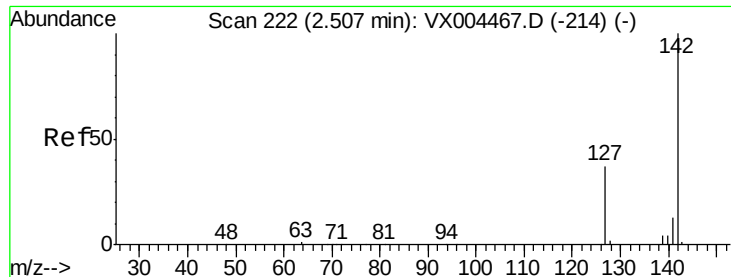
200

100

0

Time--> 1.30 1.35 1.40

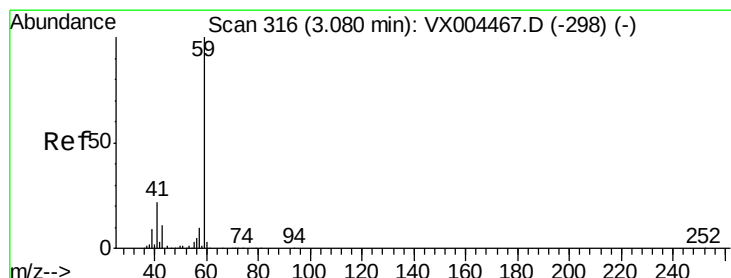
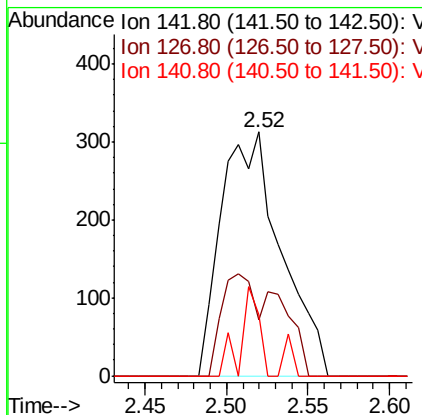
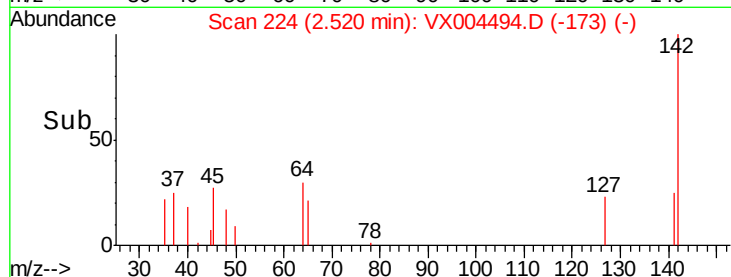
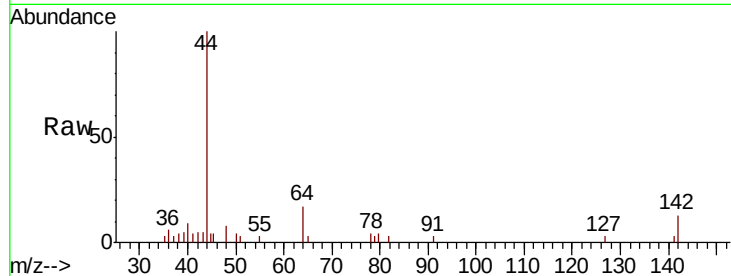




#10
Methvl Iodide
Concen: 4.53 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004494.D
Acq: 12 Sep 2018 15:01

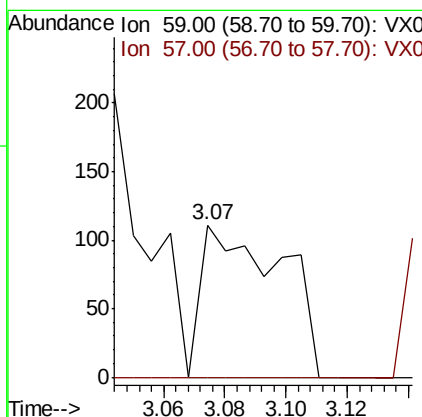
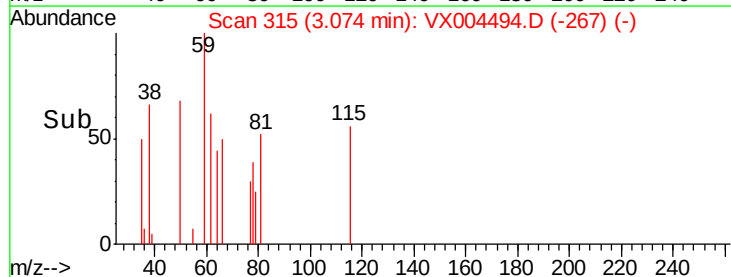
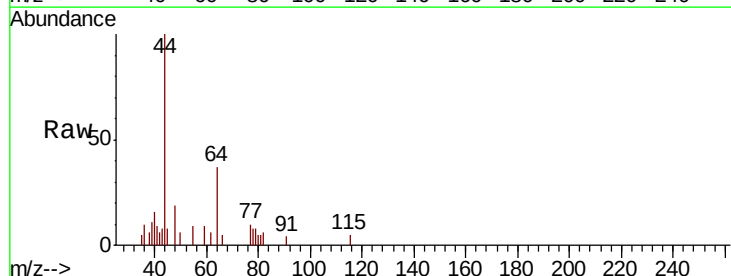
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(16-20)

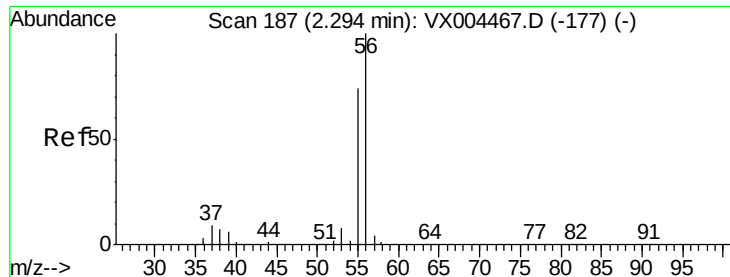
Tot Ion:142 Resp: 800
Ion Ratio Lower Upper
142 100
127 23.8 33.8 50.6#
141 11.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004494.D
Acq: 12 Sep 2018 15:01

Tgt Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.72 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

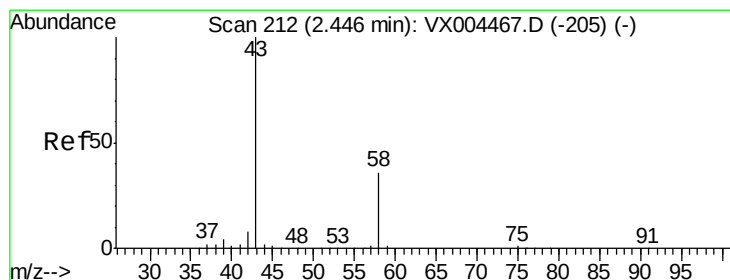
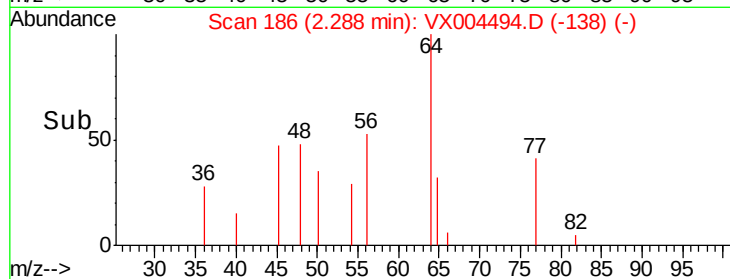
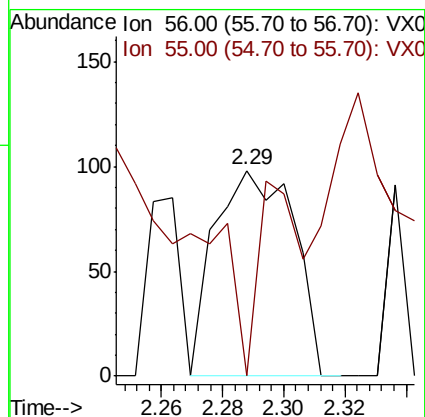
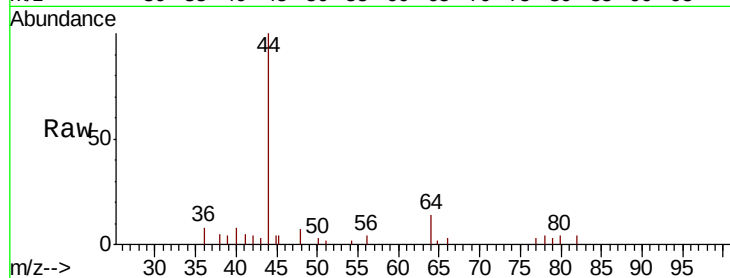
EP1-MW-A(16-20)

Tot Ion: 56 Resp: 177

Ion Ratio Lower Upper

56 100

55 48.6 54.7 82.1#



#16

Acetone

Concen: 0.86 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004494.D

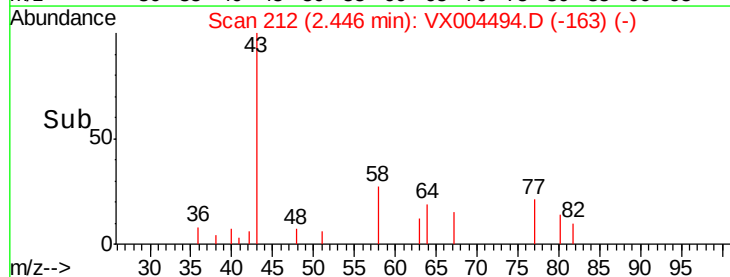
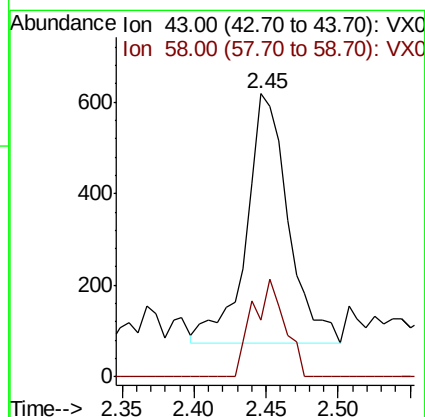
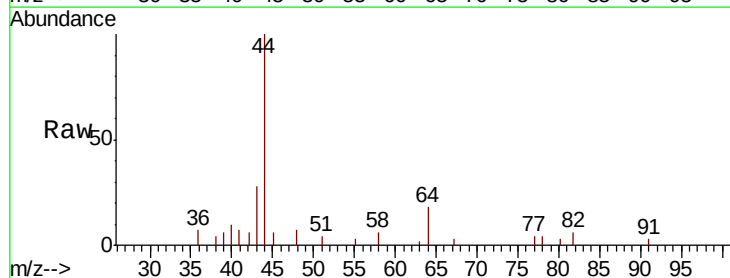
Acq: 12 Sep 2018 15:01

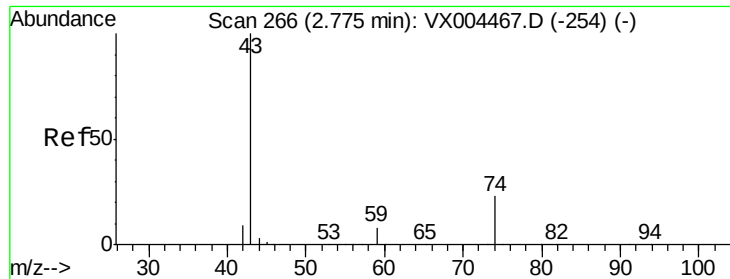
Tgt Ion: 43 Resp: 1092

Ion Ratio Lower Upper

43 100

58 23.0 26.2 39.4#





#18

Methyl Acetate

Concen: 0.21 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

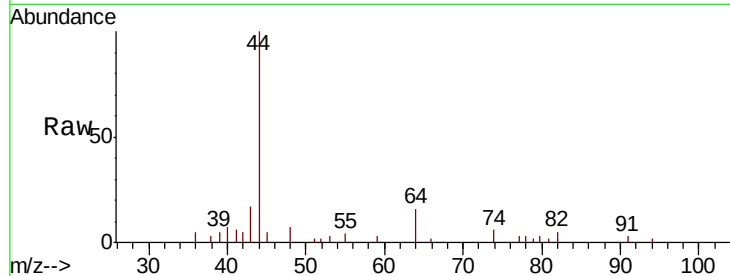
EP1-MW-A(16-20)

Tot Ion: 43 Resp: 736

Ion Ratio Lower Upper

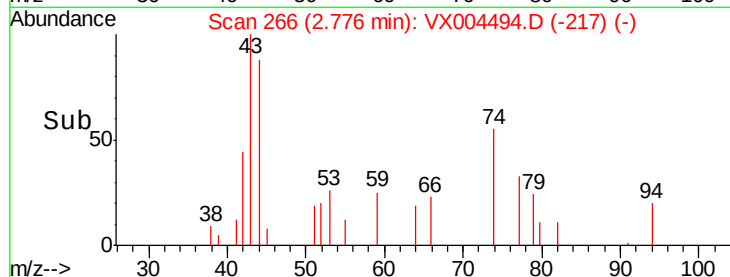
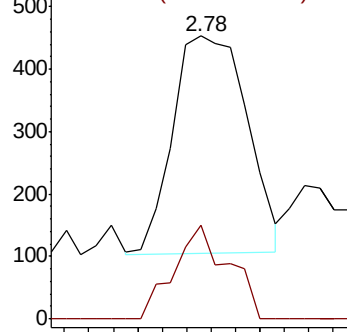
43 100

74 31.5 19.4 29.2#

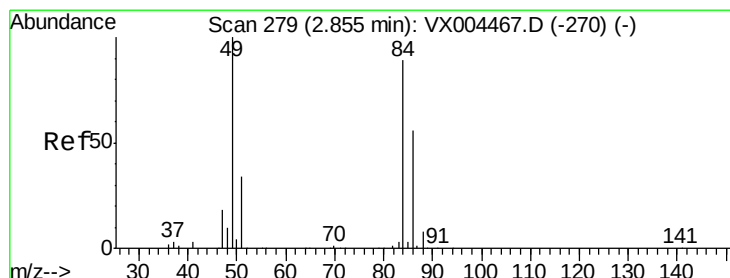


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->



#20

Methylene Chloride

Concen: 0.28 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

Tgt Ion: 84 Resp: 742

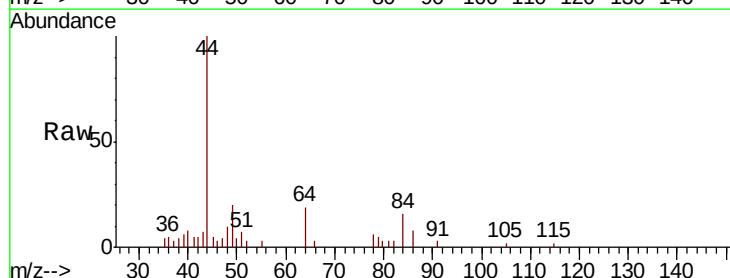
Ion Ratio Lower Upper

84 100

49 123.9 101.2 151.8

51 27.4 29.5 44.3#

86 48.4 52.3 78.5#

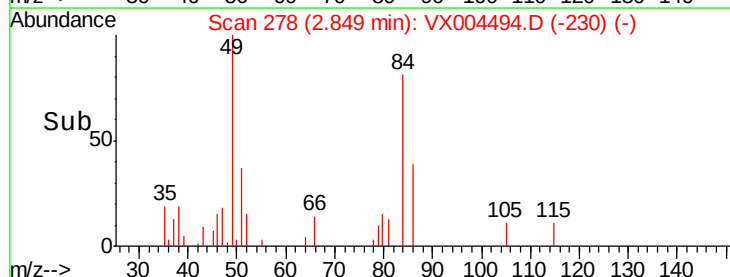
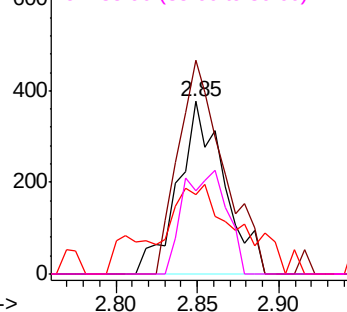


Abundance Ion 83.90 (83.60 to 84.60): VX0

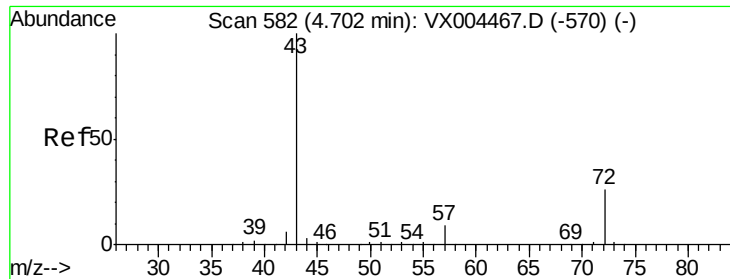
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time-->



#25

2-Butanone

Concen: 0.22 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

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ClientSampleId :

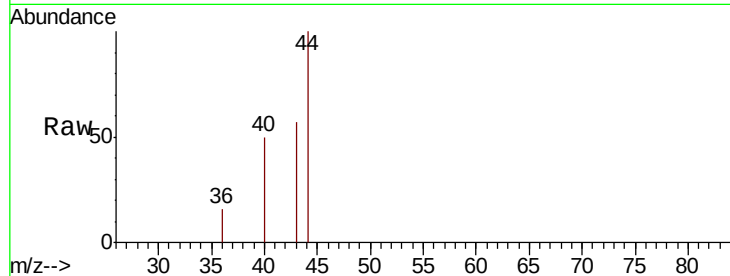
EP1-MW-A(16-20)

Tot Ion: 43 Resp: 445

Ion Ratio Lower Upper

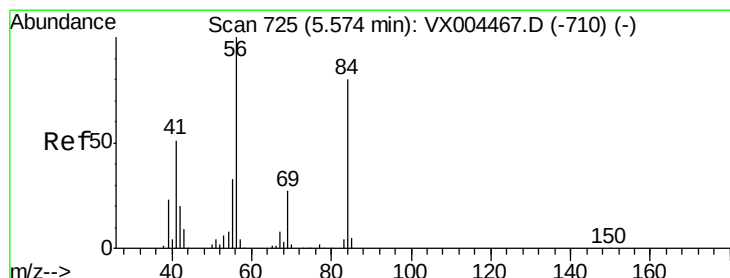
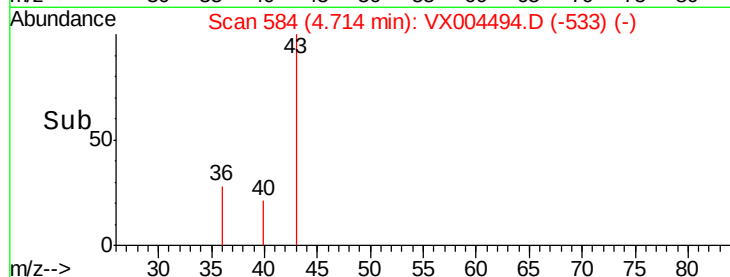
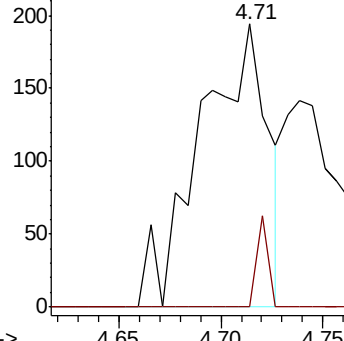
43 100

72 0.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 0.94 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

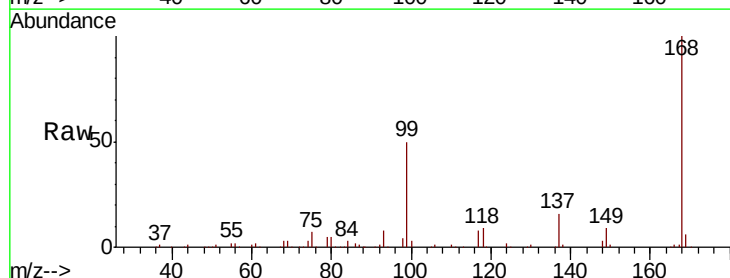
Tgt Ion: 56 Resp: 3549

Ion Ratio Lower Upper

56 100

69 197.5 25.4 38.2#

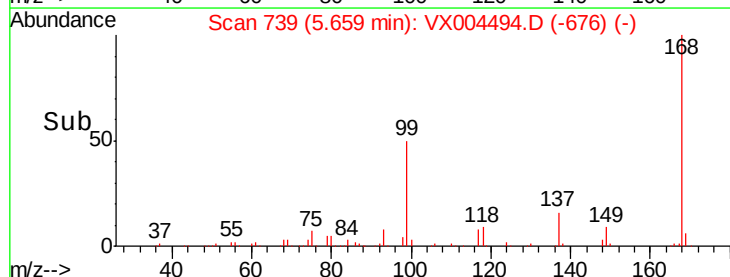
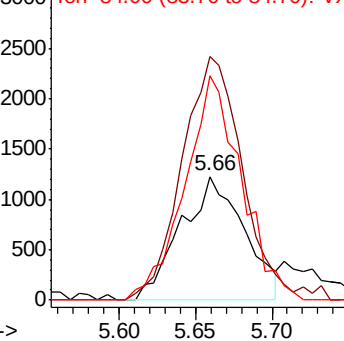
84 181.6 71.4 107.2#

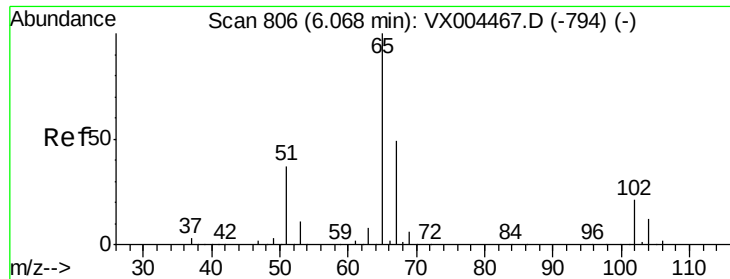


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

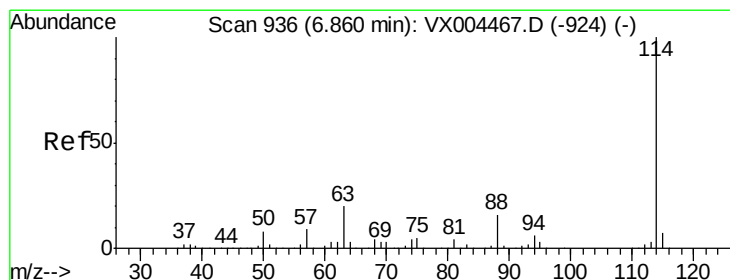
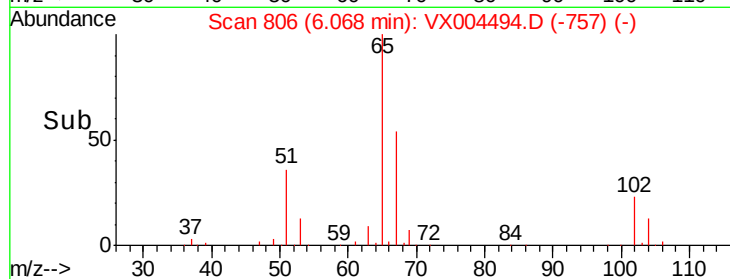
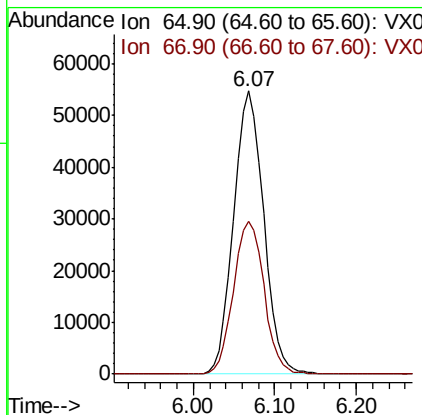
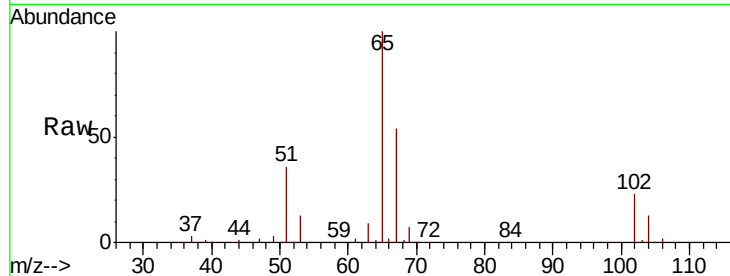




#33
 1,2-Dichloroethane-d4
 Concen: 53.67 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004494.D
 Acq: 12 Sep 2018 15:01

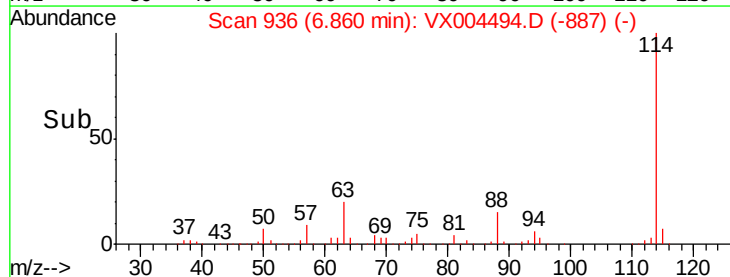
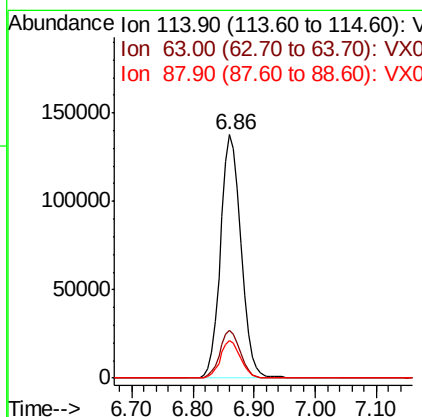
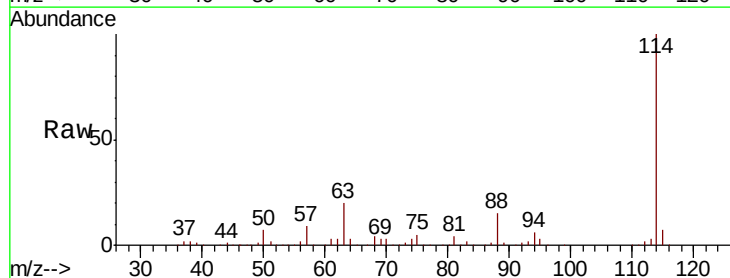
Instrument :
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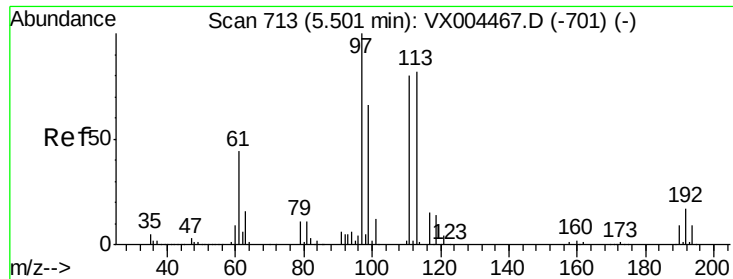
Tot Ion: 65 Resp: 139613
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004494.D
 Acq: 12 Sep 2018 15:01

Tgt Ion: 114 Resp: 321597
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.4 0.0 30.4

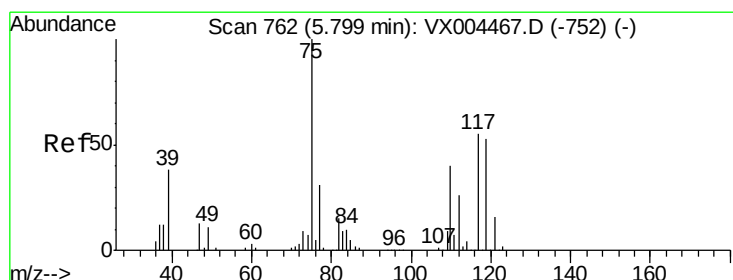
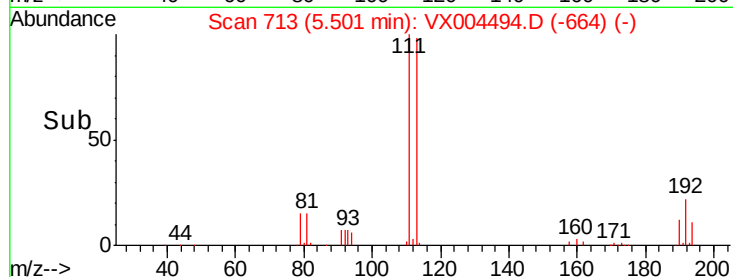
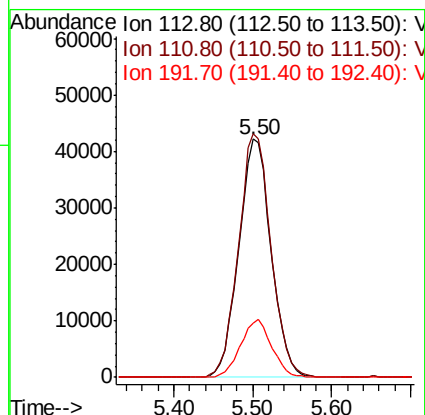
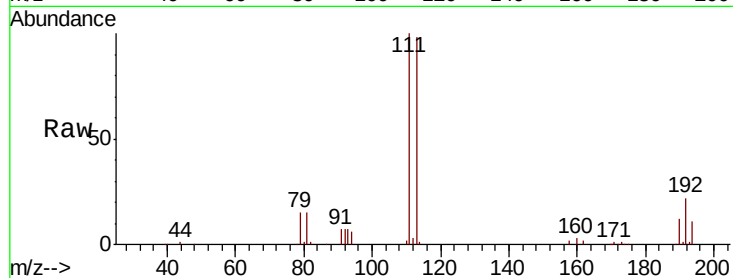




#35
 Dibromofluoromethane
 Concen: 40.84 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004494.D
 Acq: 12 Sep 2018 15:01

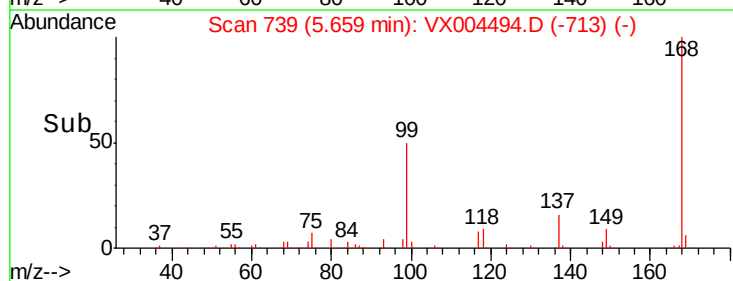
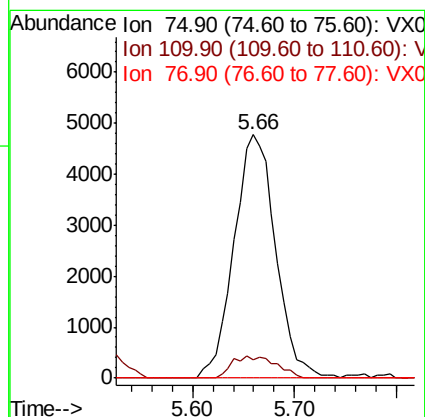
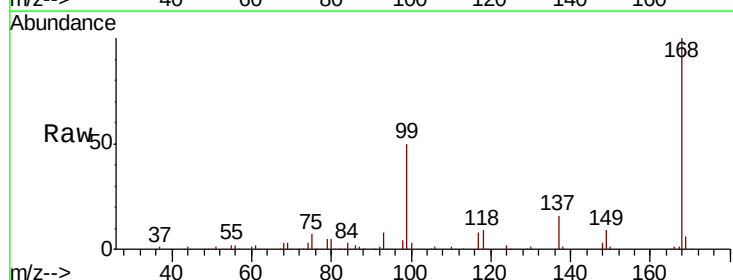
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-A(16-20)

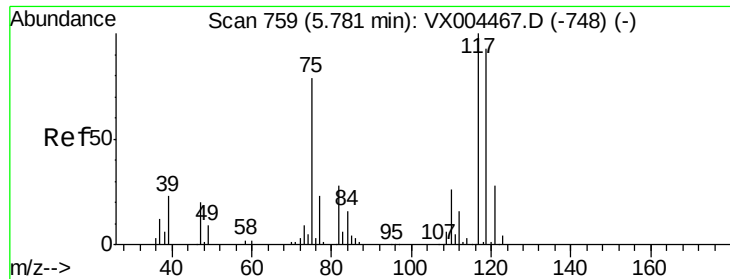
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	23.4	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 3.46 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004494.D
 Acq: 12 Sep 2018 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.0	54.0#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 4.60 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(16-20)

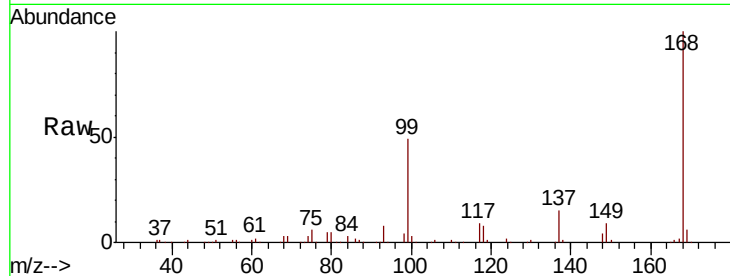
Tot Ion:117 Resp: 17525

Ion Ratio Lower Upper

117 100

119 6.2 78.8 118.2#

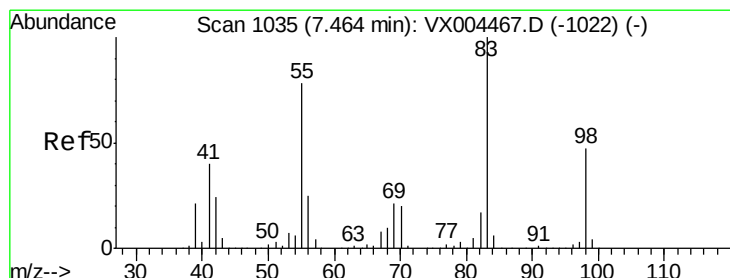
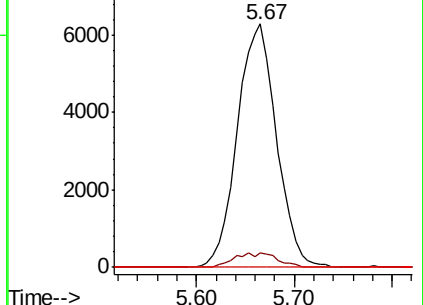
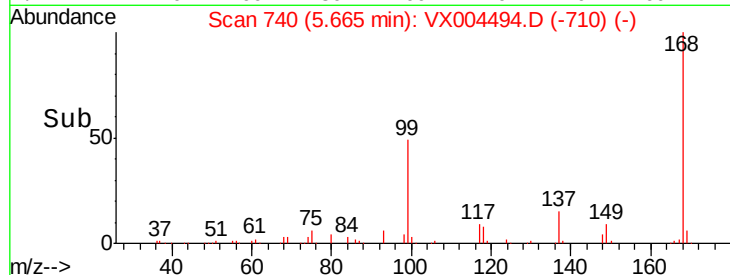
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.54 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

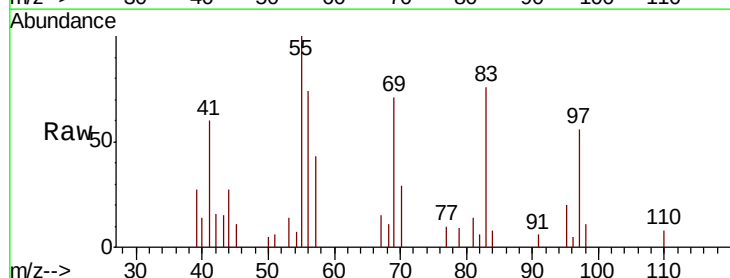
Tgt Ion: 83 Resp: 2207

Ion Ratio Lower Upper

83 100

55 132.4 61.0 91.4#

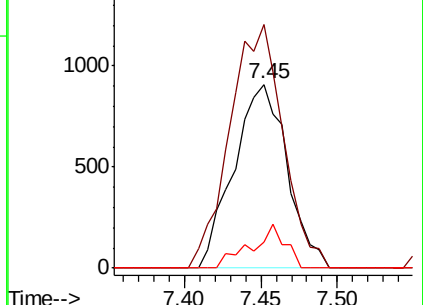
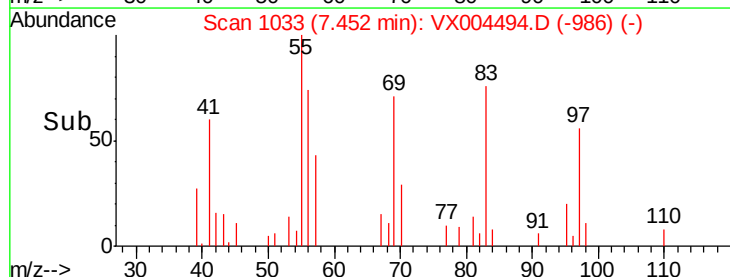
98 14.5 39.6 59.4#

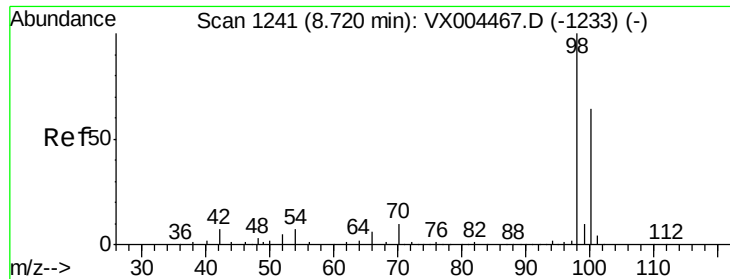


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

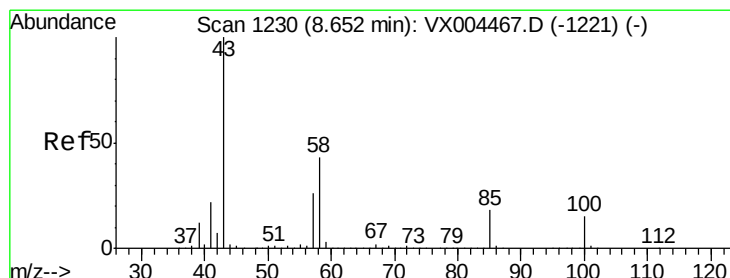
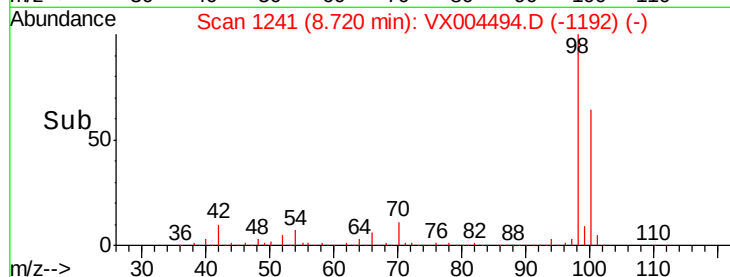
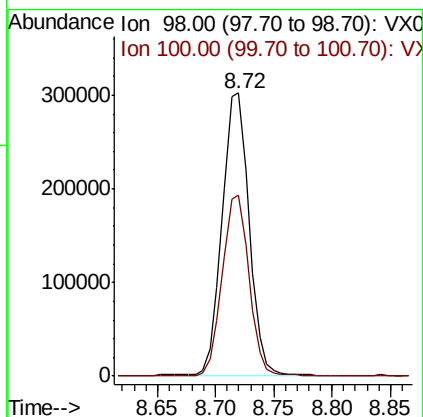
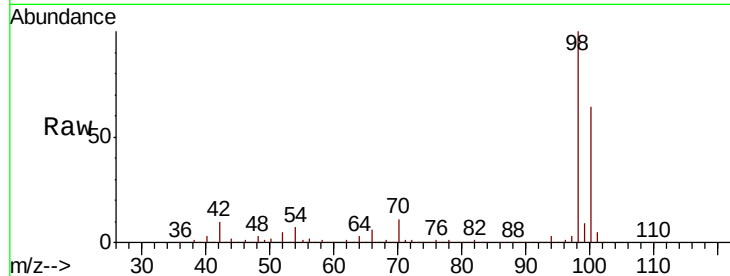




#50
Toluene-d8
Concen: 49.08 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004494.D
Acq: 12 Sep 2018 15:01

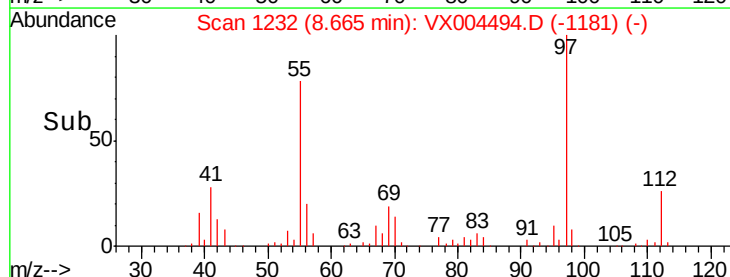
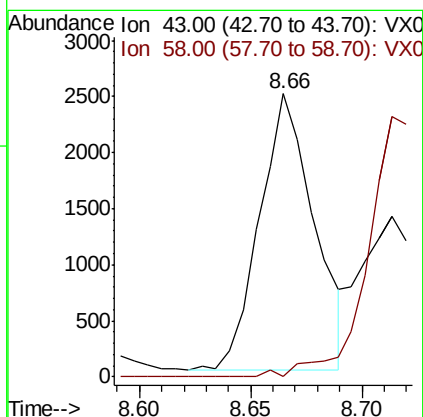
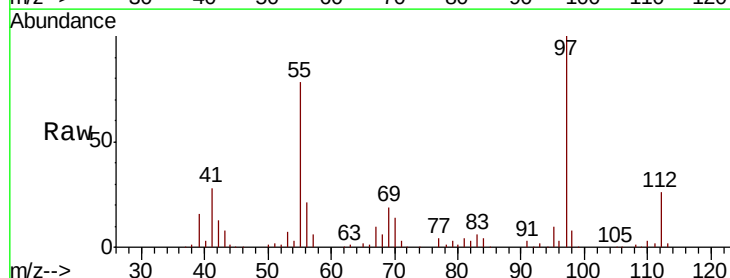
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(16-20)

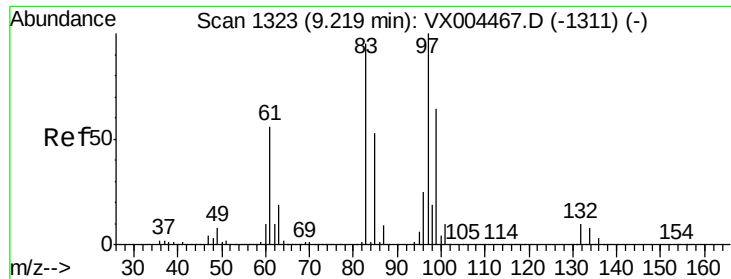
Tot Ion: 98 Resp: 484334
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 1.00 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VX004494.D
Acq: 12 Sep 2018 15:01

Tgt Ion: 43 Resp: 4183
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#





#55

1,1,2-Trichloroethane

Concen: 13.08 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(16-20)

Tot Ion: 97 Resp: 38428

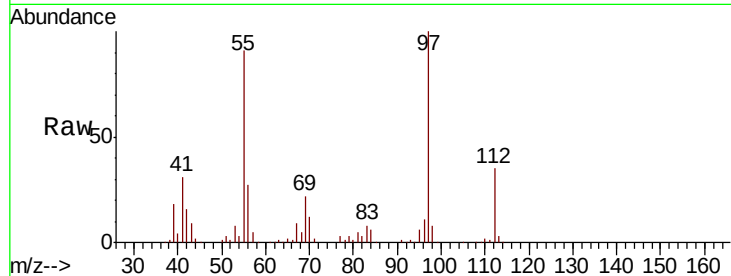
Ion Ratio Lower Upper

97 100

83 8.0 66.4 99.6#

85 0.4 43.3 64.9#

99 0.2 49.0 73.4#

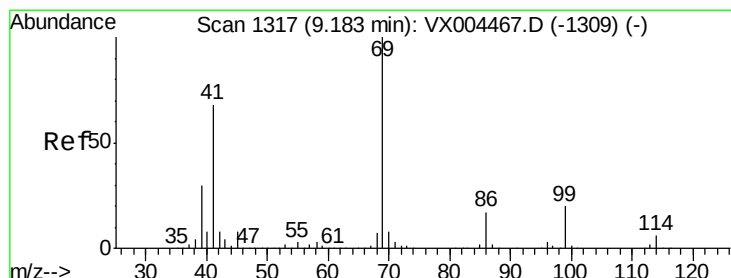
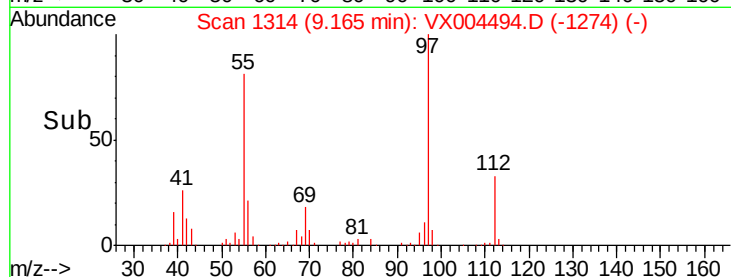
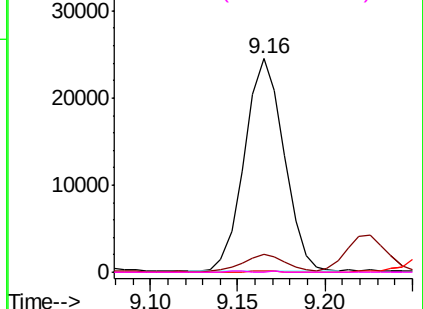


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 2.05 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

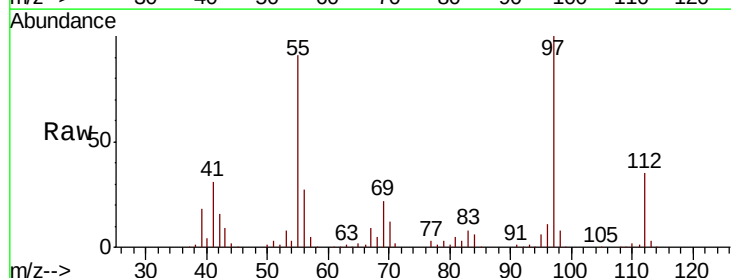
Tgt Ion: 69 Resp: 8508

Ion Ratio Lower Upper

69 100

41 146.6 51.0 76.4#

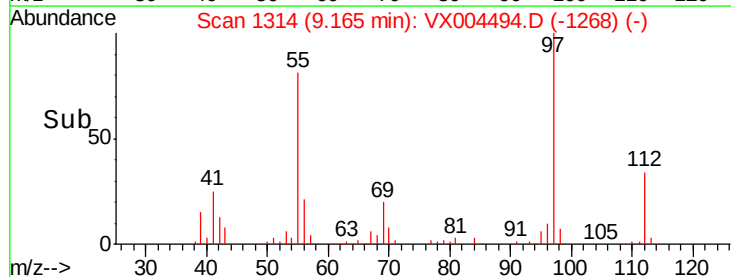
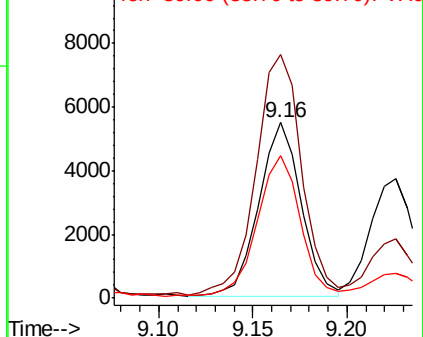
39 82.1 26.1 39.1#

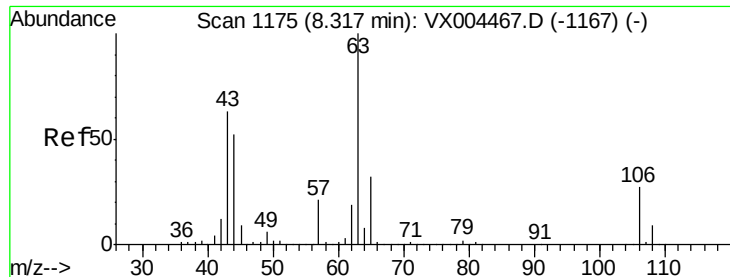


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

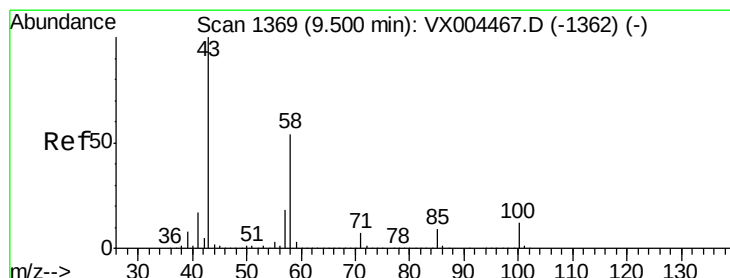
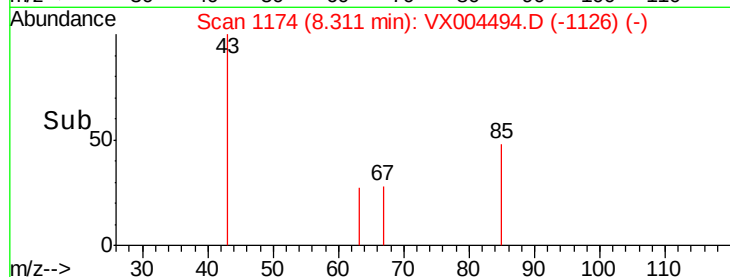
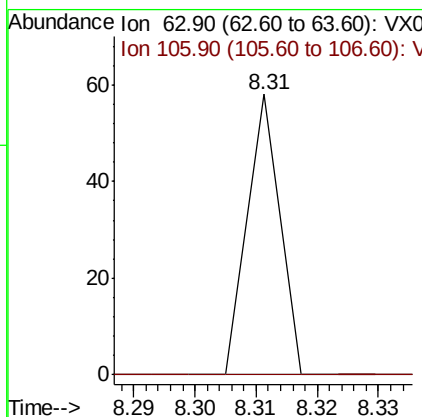
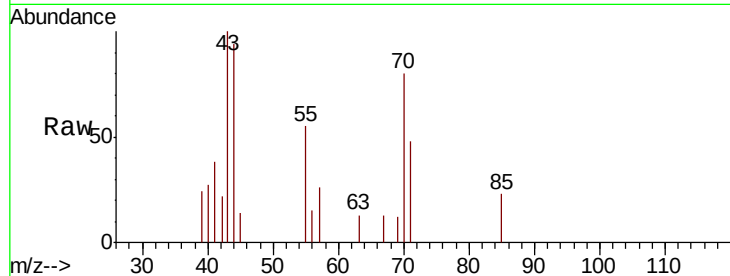




#58
2-Chloroethyl Vinyl ether
Concen: 7.28 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VX004494.D
Acq: 12 Sep 2018 15:01

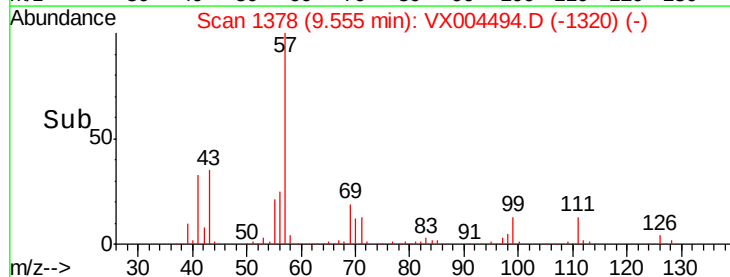
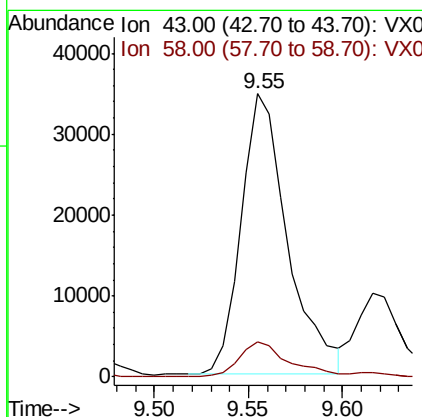
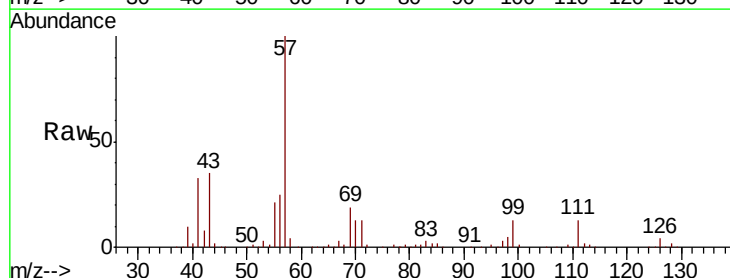
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(16-20)

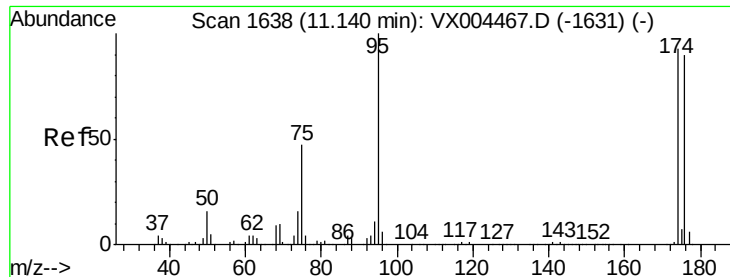
Tot Ion: 63 Resp: 21
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 18.61 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. 0.06 min
Lab File: VX004494.D
Acq: 12 Sep 2018 15:01

Tgt Ion: 43 Resp: 59422
Ion Ratio Lower Upper
43 100
58 13.4 29.0 87.0#





#62

4-Bromofluorobenzene

Concen: 67.86 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(16-20)

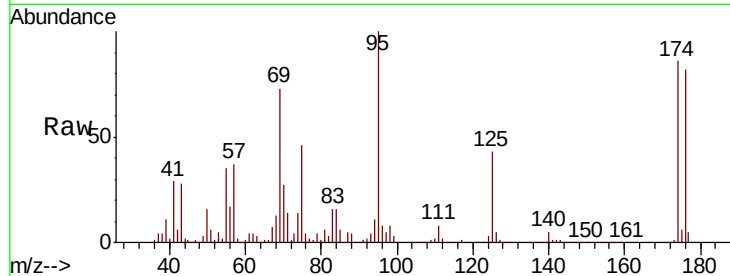
Tot Ion: 95 Resp: 239055

Ion Ratio Lower Upper

95 100

174 69.9 0.0 185.2

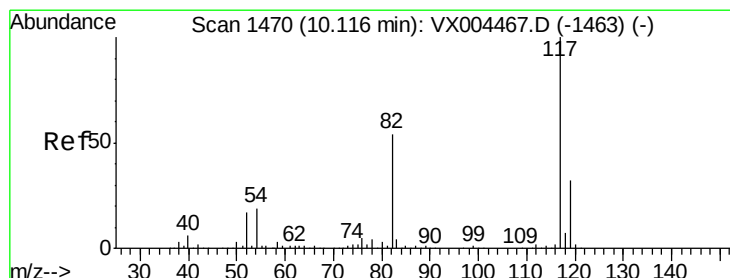
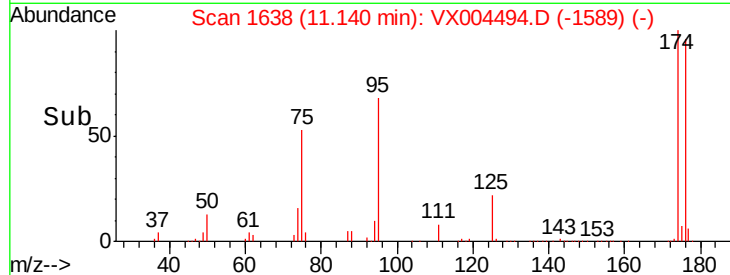
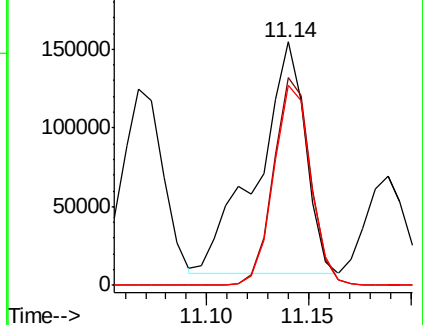
176 67.9 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004467.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004467.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004467.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

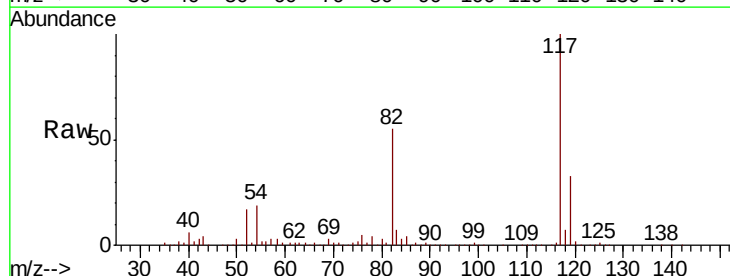
Tgt Ion: 117 Resp: 329451

Ion Ratio Lower Upper

117 100

82 52.6 47.8 71.6

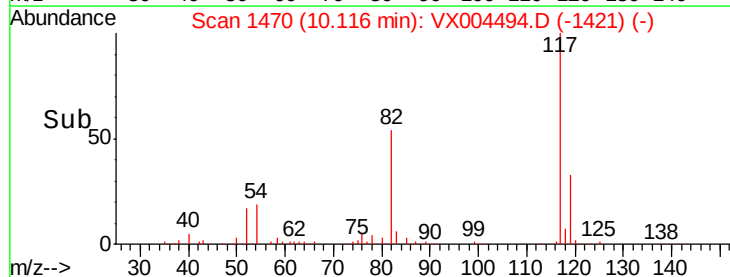
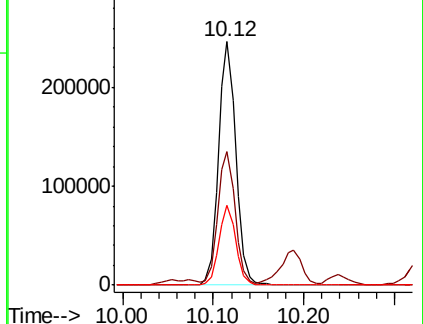
119 32.9 29.3 43.9

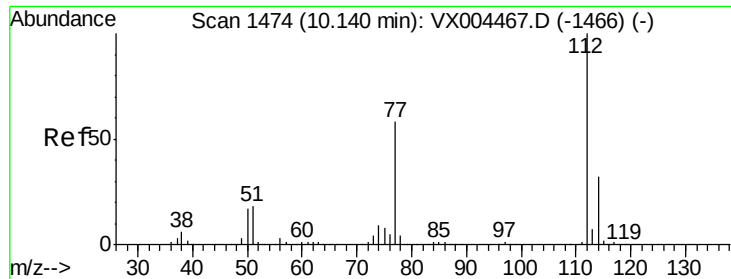


Abundance Ion 116.90 (116.60 to 117.60): VX004467.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004467.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004467.D (-1463) (-)

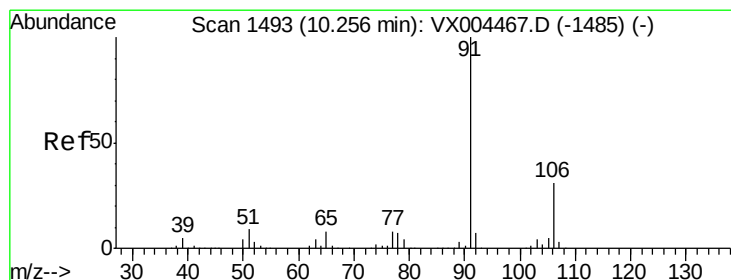
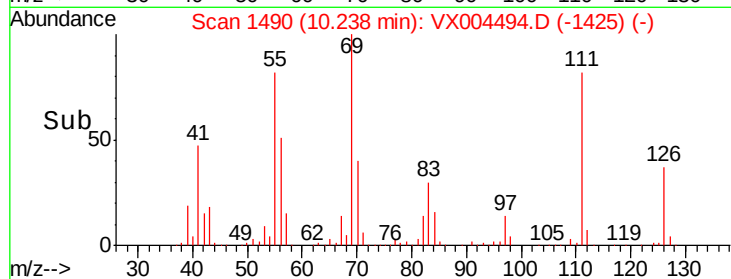
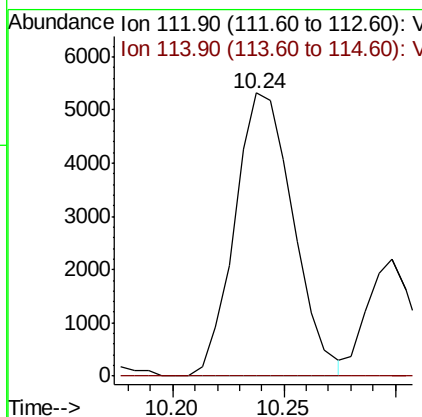
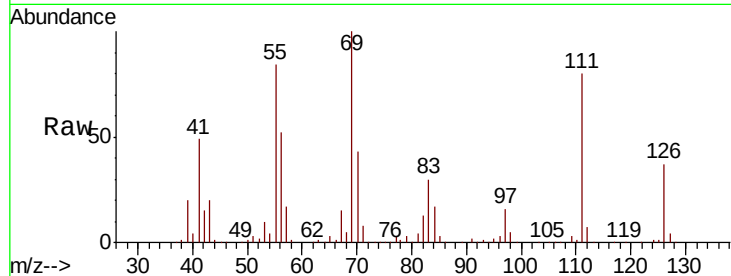




#65
Chlorobenzene
Concen: 1.19 ug/l
RT: 10.24 min Scan# 1490
Delta R.T. 0.10 min
Lab File: VX004494.D
Acq: 12 Sep 2018 15:01

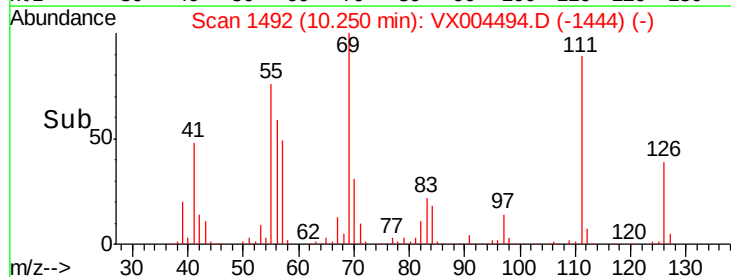
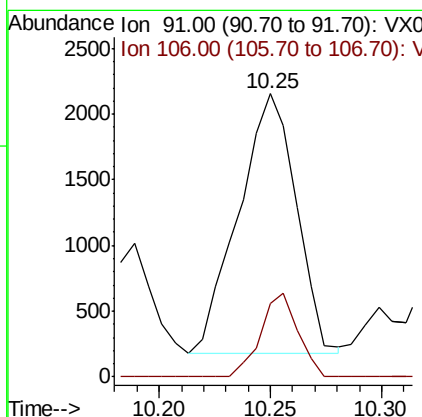
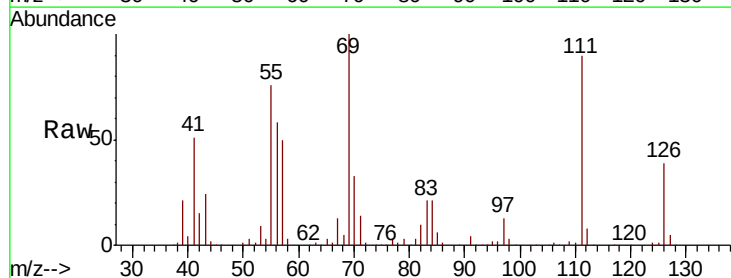
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(16-20)

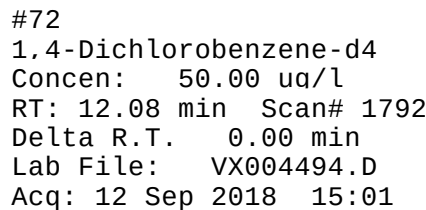
Tot Ion:112 Resp: 9702
Ion Ratio Lower Upper
112 100
114 0.0 27.8 41.8#



#67
Ethyl Benzene
Concen: 0.27 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004494.D
Acq: 12 Sep 2018 15:01

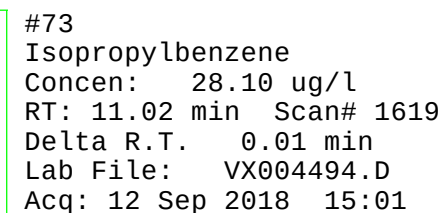
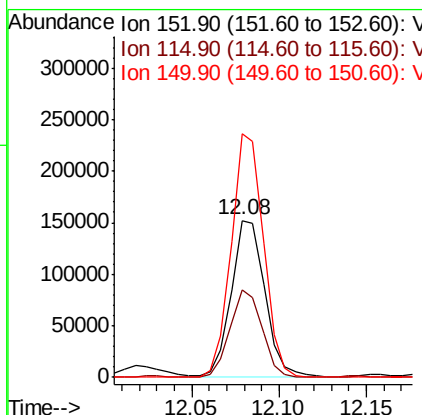
Tgt Ion: 91 Resp: 3562
Ion Ratio Lower Upper
91 100
106 28.3 25.9 38.9



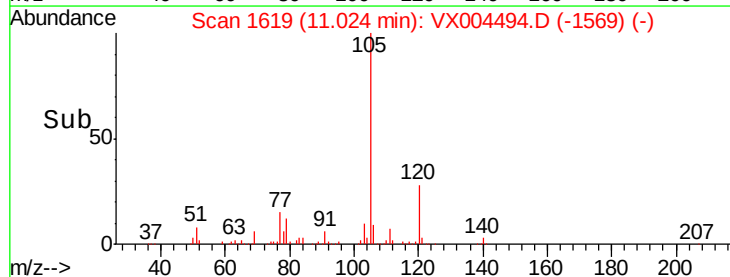
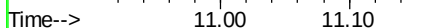
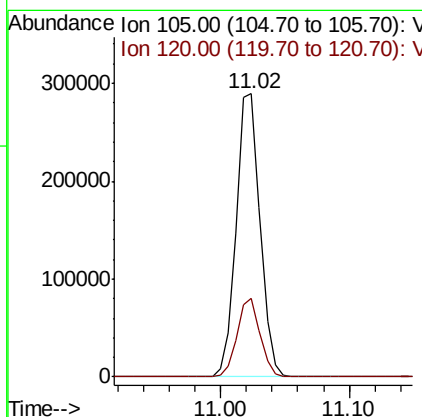


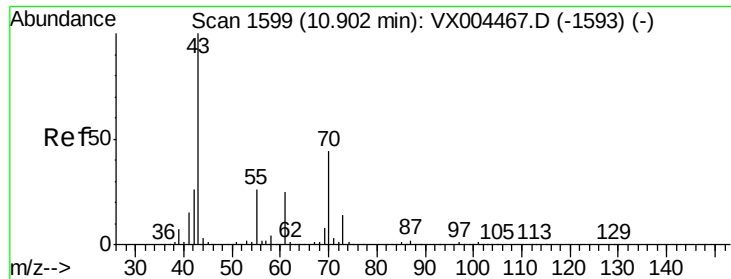
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(16-20)

Tqt	Ion:152	Resp:	202146
Ion	Ratio	Lower	Upper
152	100		
115	52.7	39.0	117.0
150	149.6	0.0	351.0



Tgt	Ion:105	Resp:	374144
Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.4





#74

N-amvl acetate

Concen: 107.87 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(16-20)

Tot Ion: 43 Resp: 604481

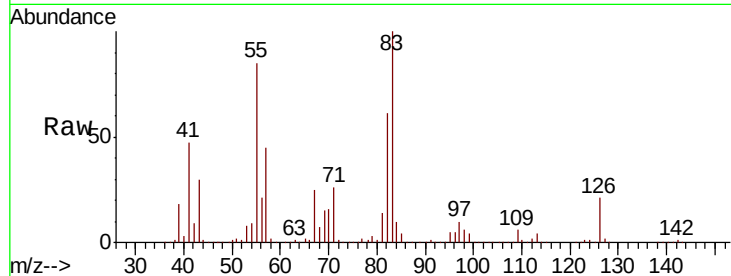
Ion Ratio Lower Upper

43 100

70 65.6 37.4 56.0#

55 217.4 21.8 32.8#

61 0.1 20.6 30.8#

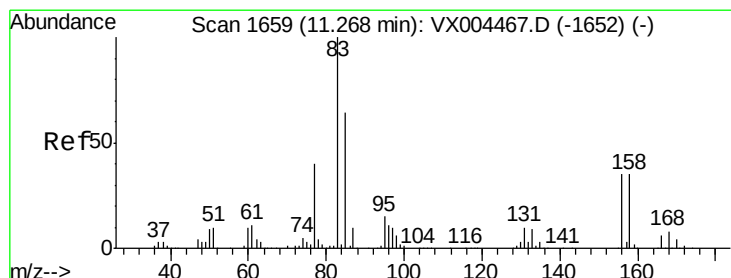
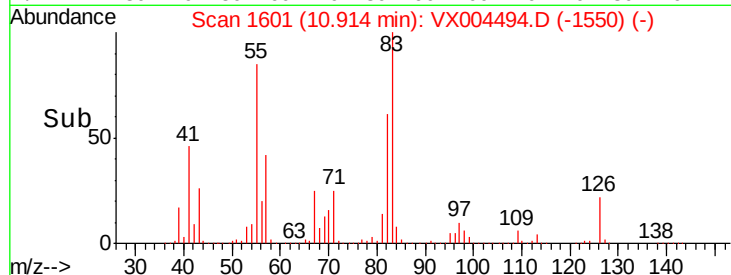
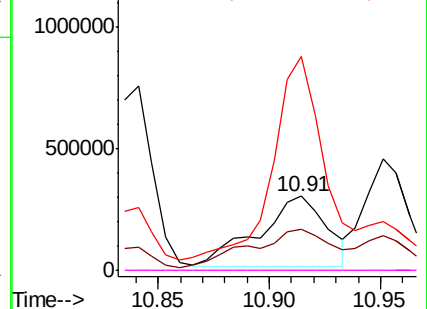


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 77.51 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

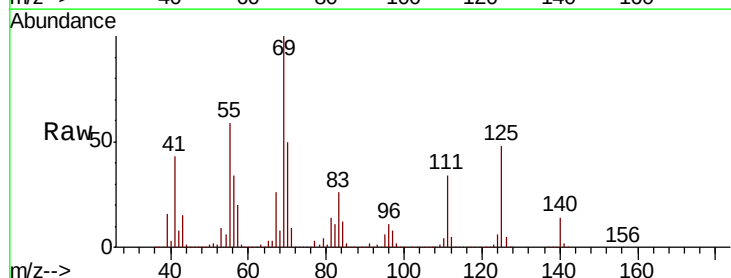
Tgt Ion: 83 Resp: 332867

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

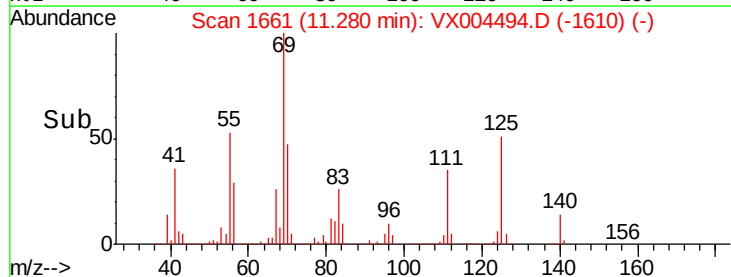
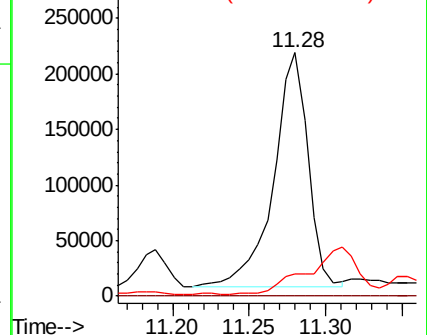
85 0.0 32.3 96.8#

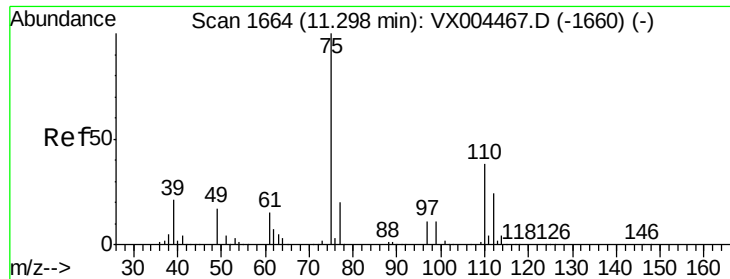


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

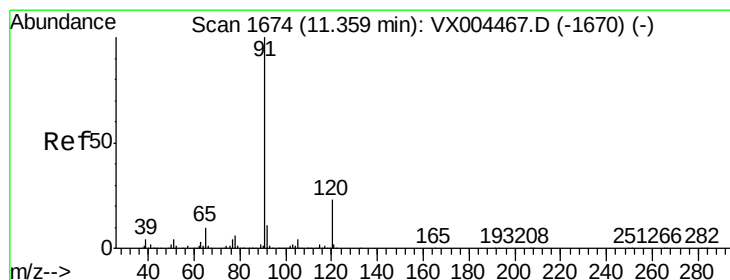
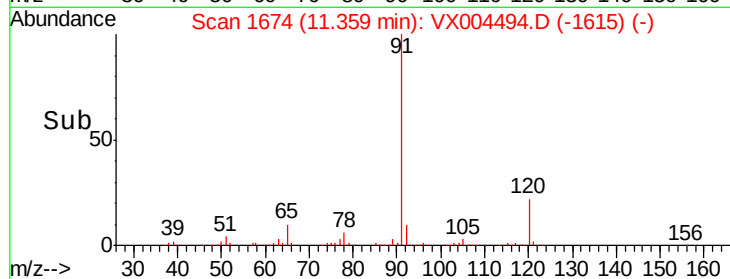
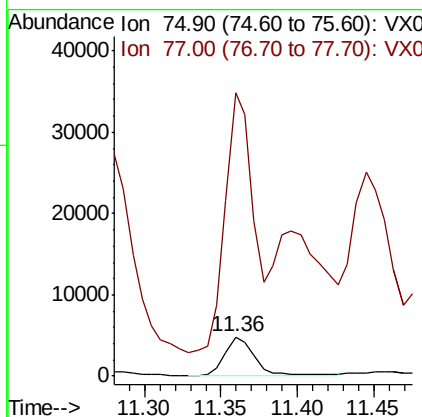
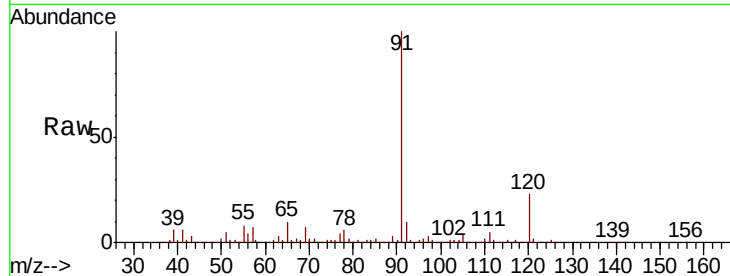




#76
 1,2,3-Trichloropropane
 Concen: 1.71 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.06 min
 Lab File: VX004494.D
 Acq: 12 Sep 2018 15:01

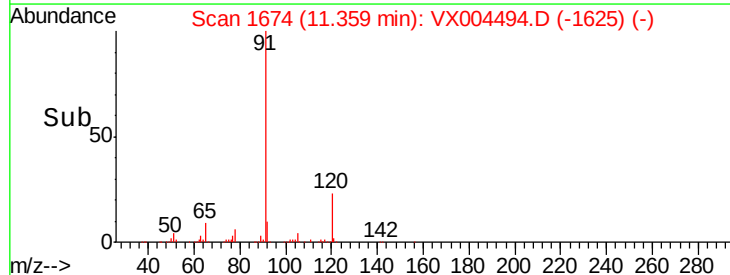
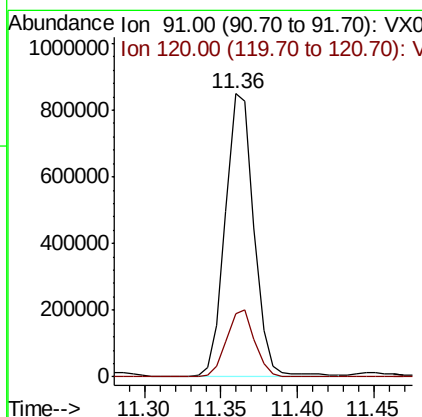
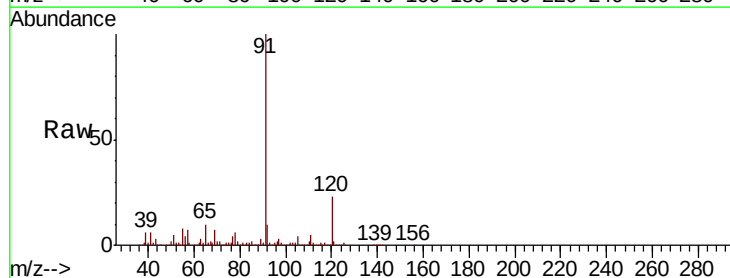
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-A(16-20)

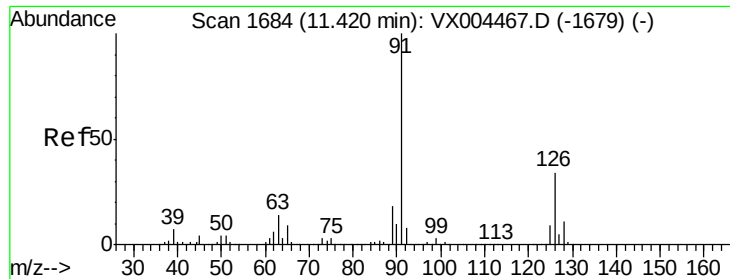
Tot Ion: 75 Resp: 6947
 Ion Ratio Lower Upper
 75 100
 77 590.6 20.2 60.6#



#78
 n-propylbenzene
 Concen: 72.21 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX004494.D
 Acq: 12 Sep 2018 15:01

Tgt Ion: 91 Resp: 1105372
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.9 35.9

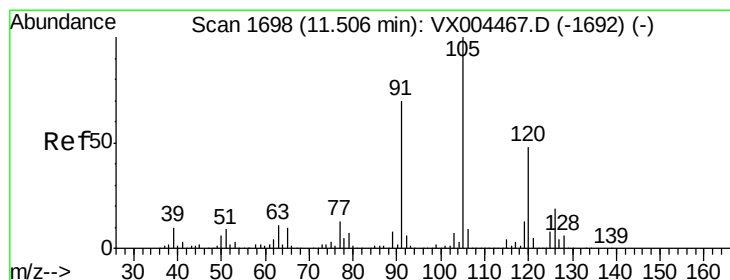
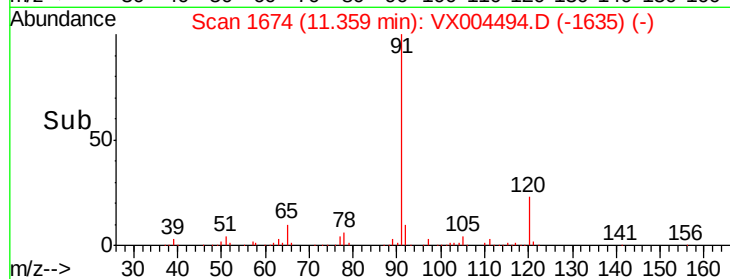
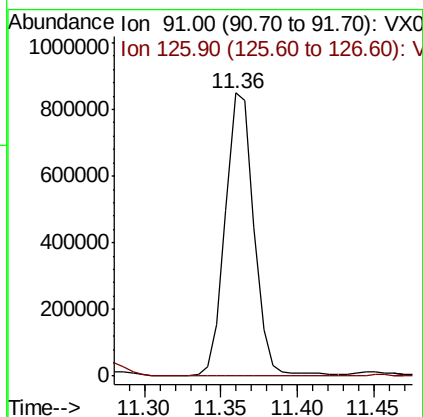
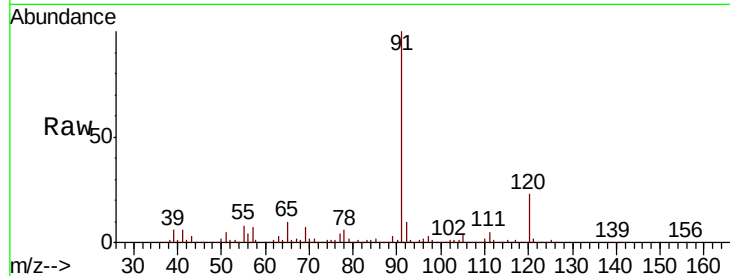




#79
 2-Chlorotoluene
 Concen: 119.06 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.06 min
 Lab File: VX004494.D
 Acq: 12 Sep 2018 15:01

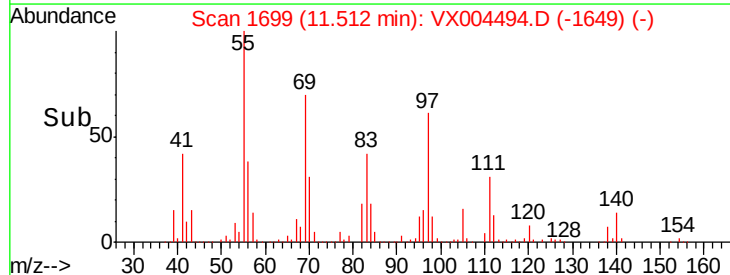
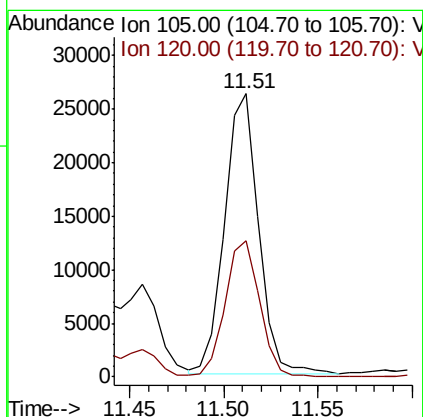
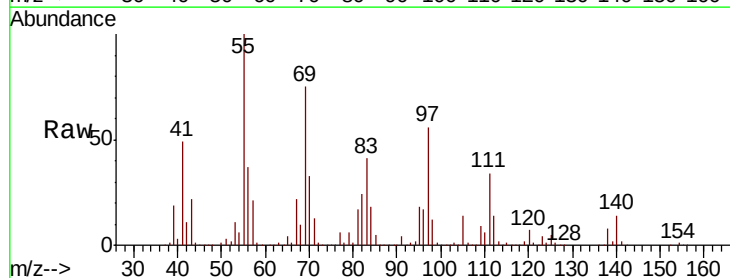
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-A(16-20)

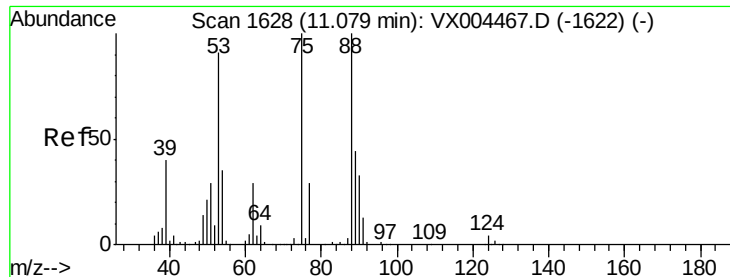
Tot Ion: 91 Resp: 1105372
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.9 53.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.92 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX004494.D
 Acq: 12 Sep 2018 15:01

Tgt Ion:105 Resp: 32731
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 68.21 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(16-20)

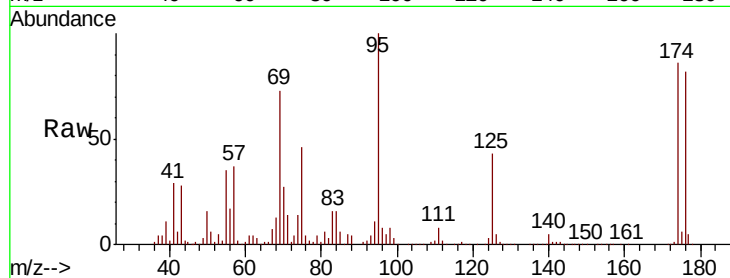
Tot Ion: 75 Resp: 87032

Ion Ratio Lower Upper

75 100

53 0.0 80.1 120.1#

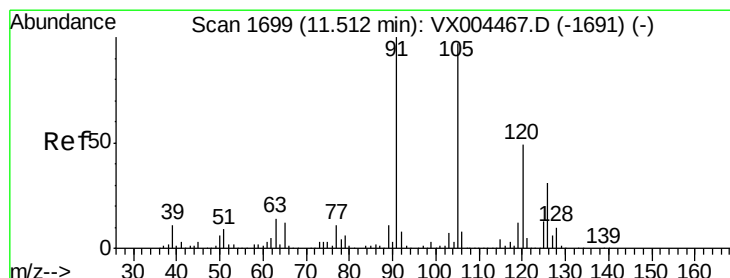
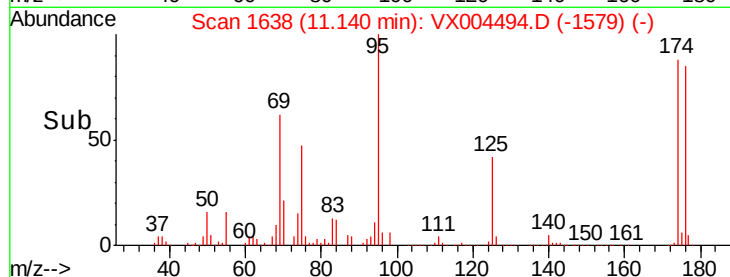
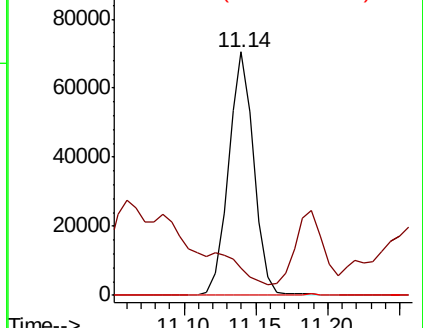
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 3.89 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.26 min

Lab File: VX004494.D

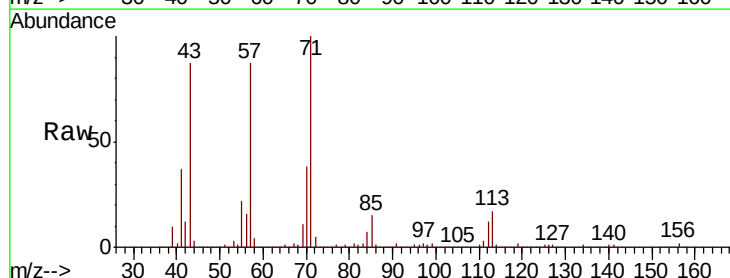
Acq: 12 Sep 2018 15:01

Tgt Ion: 91 Resp: 42191

Ion Ratio Lower Upper

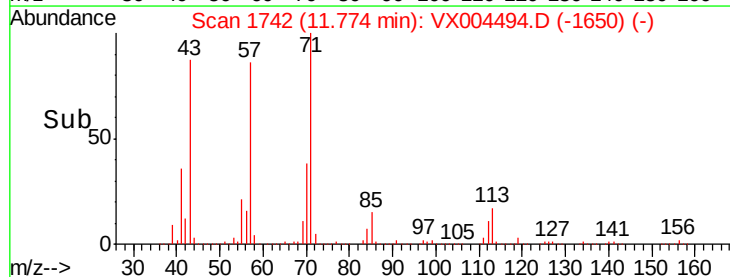
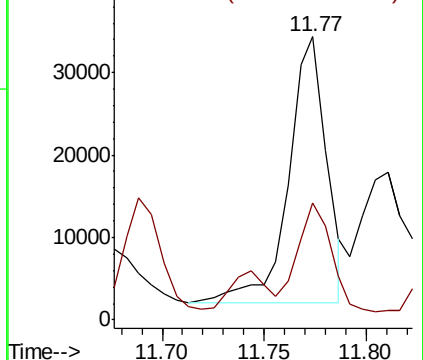
91 100

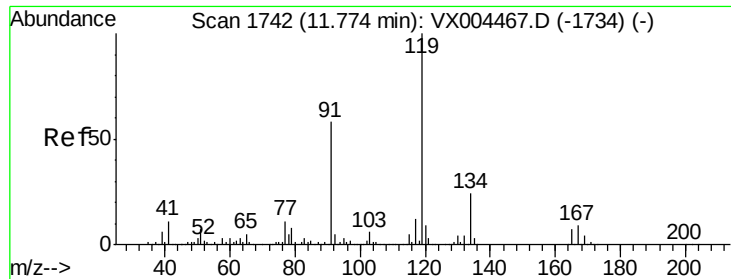
126 27.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 5.46 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(16-20)

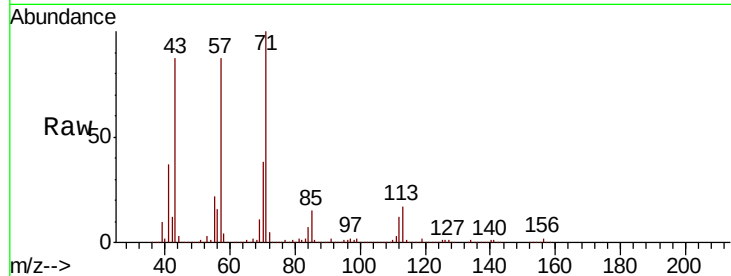
Tot Ion:119 Resp: 58151

Ion Ratio Lower Upper

119 100

91 76.1 27.0 81.0

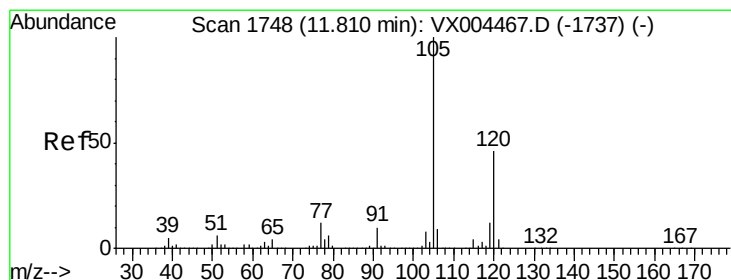
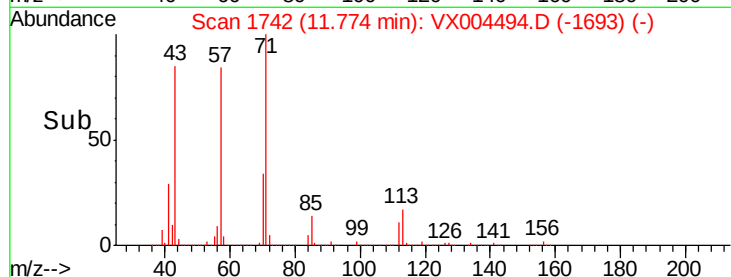
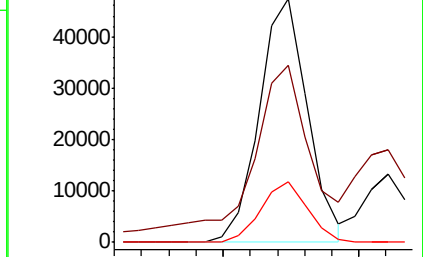
134 24.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 10.73 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004494.D

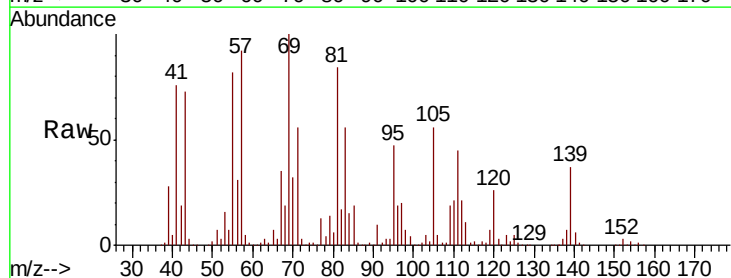
Acq: 12 Sep 2018 15:01

Tgt Ion:105 Resp: 122619

Ion Ratio Lower Upper

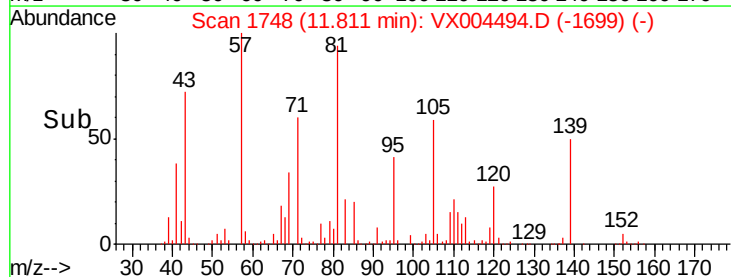
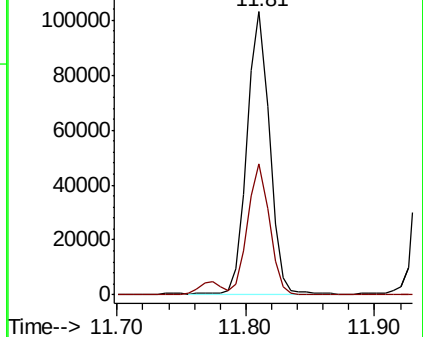
105 100

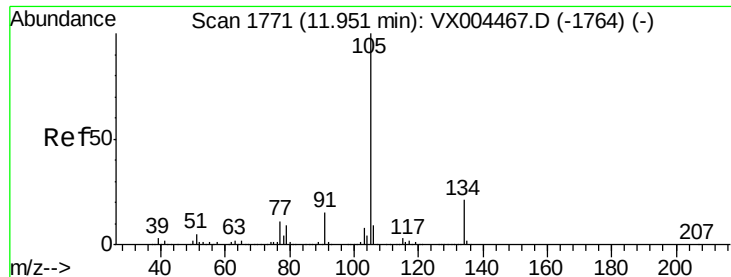
120 45.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 42.35 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

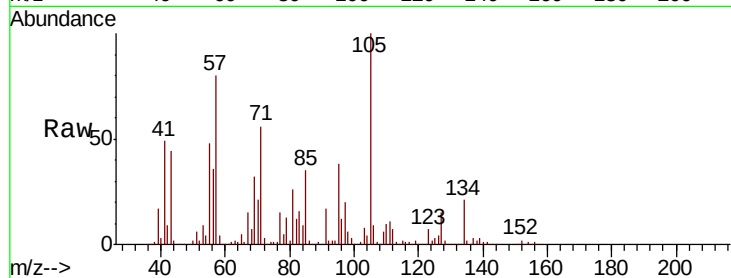
EP1-MW-A(16-20)

Tot Ion:105 Resp: 575064

Ion Ratio Lower Upper

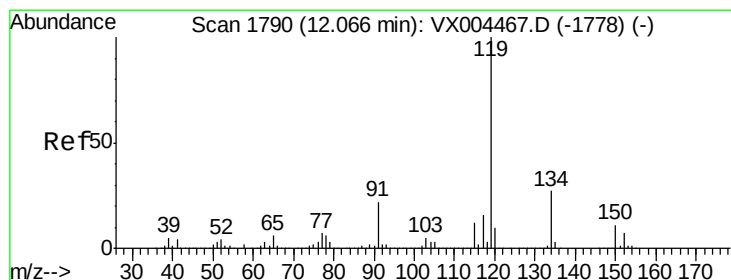
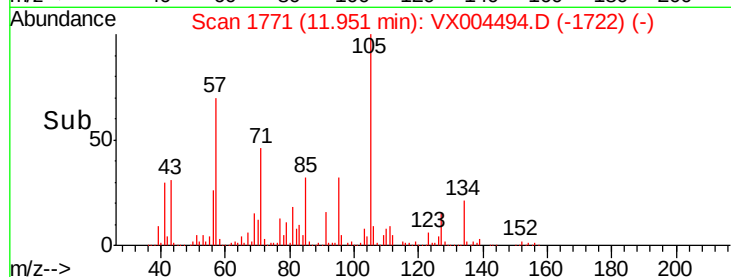
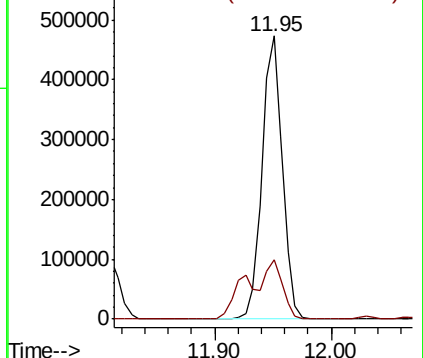
105 100

134 17.7 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: 13.95 ug/l

RT: 12.24 min Scan# 1818

Delta R.T. 0.17 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

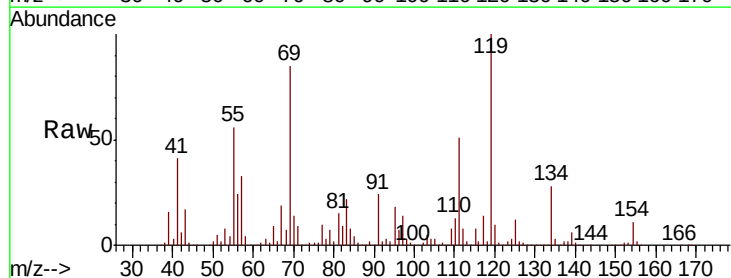
Tgt Ion:119 Resp: 167311

Ion Ratio Lower Upper

119 100

134 27.9 13.4 40.2

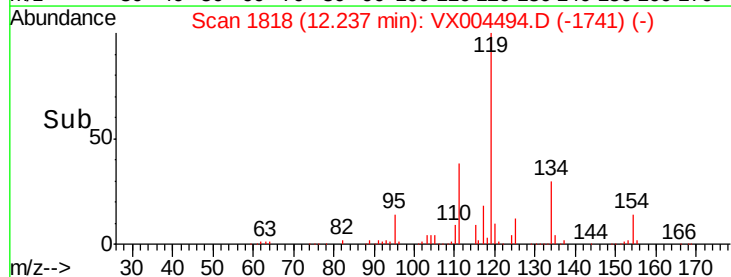
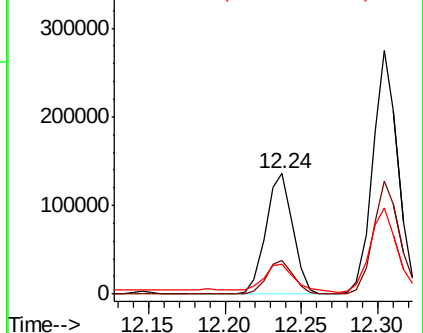
91 26.8 10.9 32.7

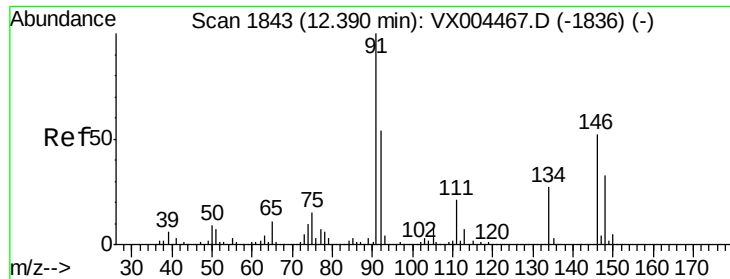


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 34.81 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004494.D

Acq: 12 Sep 2018 15:01

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(16-20)

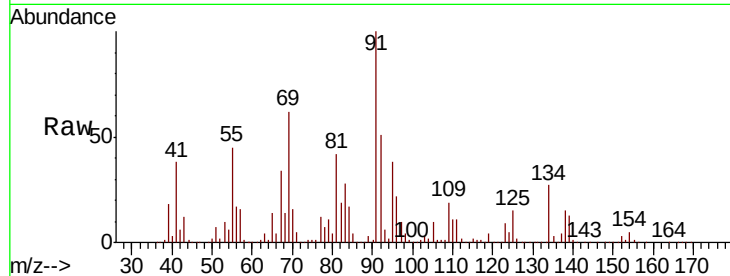
Tot Ion: 91 Resp: 380309

Ion Ratio Lower Upper

91 100

92 46.6 27.3 81.9

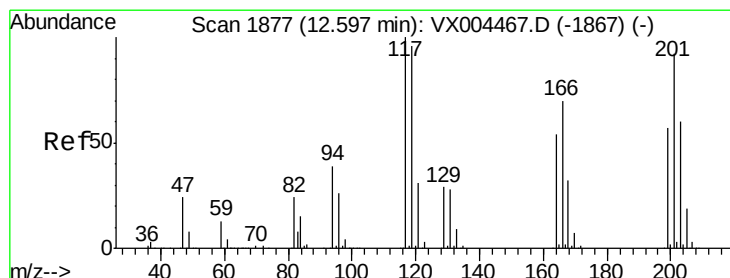
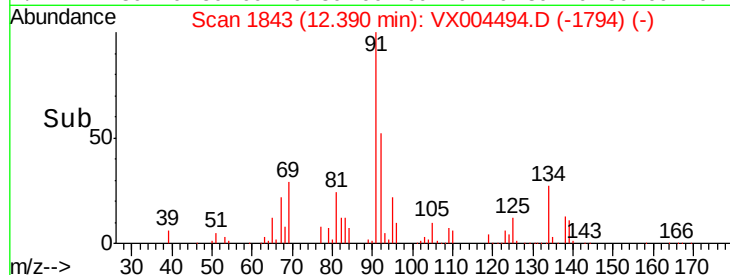
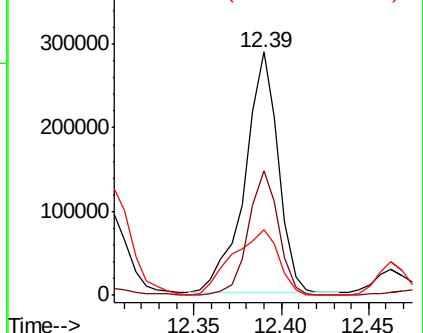
134 37.6 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004467.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004467.D (-1836) (-)



#90

Hexachloroethane

Concen: 55.91 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX004494.D

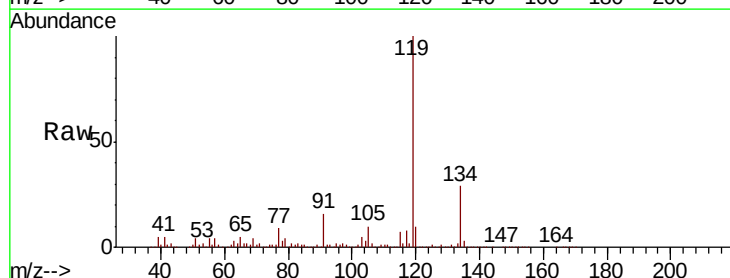
Acq: 12 Sep 2018 15:01

Tgt Ion: 117 Resp: 107318

Ion Ratio Lower Upper

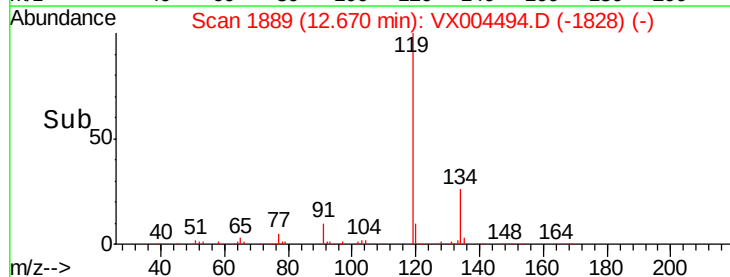
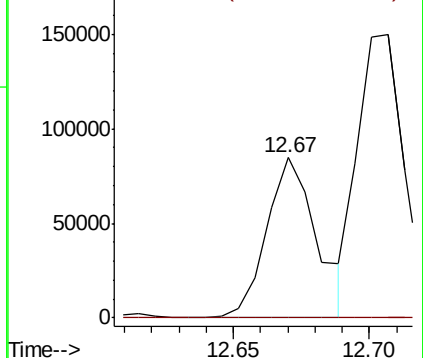
117 100

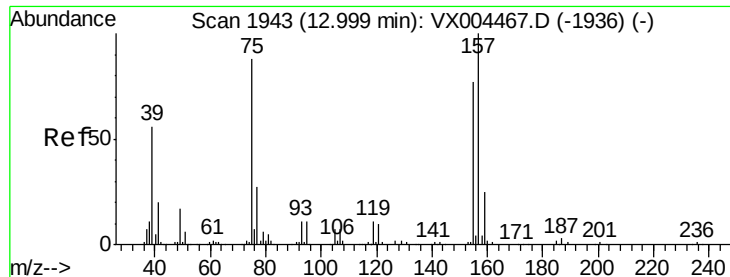
201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): VX004467.D (-1867) (-)

Ion 200.70 (200.40 to 201.40): VX004467.D (-1867) (-)

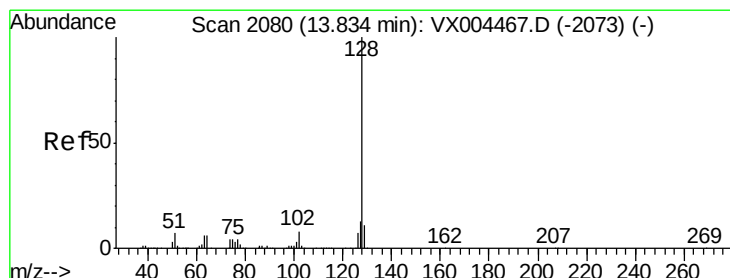
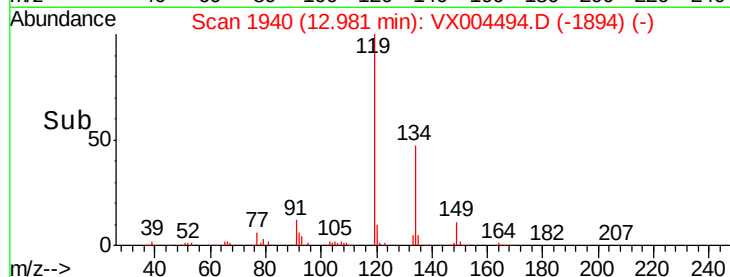
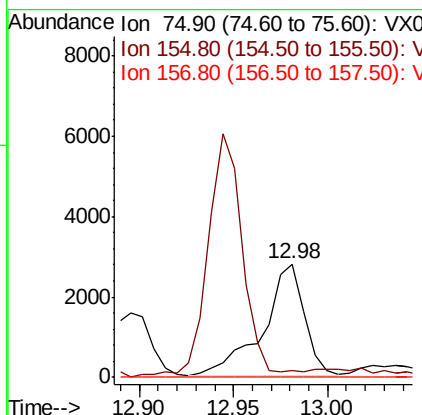
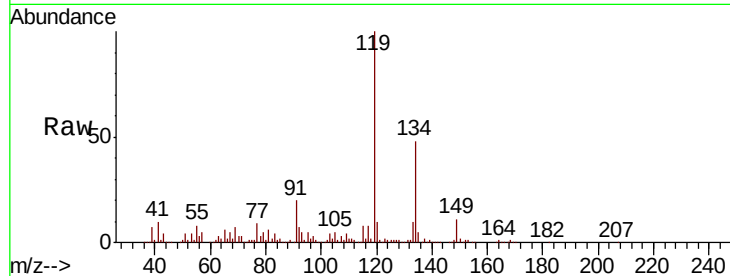




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.56 ug/l
 RT: 12.98 min Scan# 1940
 Delta R.T. -0.02 min
 Lab File: VX004494.D
 Acq: 12 Sep 2018 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-A(16-20)

Tot Ion: 75 Resp: 4179
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.0 144.2#
 157 0.0 61.4 184.1#



#95
 Naphthalene
 Concen: 0.53 ug/l
 RT: 13.84 min Scan# 2081
 Delta R.T. 0.01 min
 Lab File: VX004494.D
 Acq: 12 Sep 2018 15:01

Tgt Ion: 128 Resp: 7287
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 29.5 8.6 12.8#

