

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004495.D
 Acq On : 12 Sep 2018 15:28
 Operator : JC/MD
 Sample : J4848-05 10X
 Misc : 4.45µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(4-8)

Quant Time: Sep 13 01:02:31 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	208589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	323260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205265	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140617	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	5.50	113	122956	41.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.14%	
50) Toluene-d8	8.72	98	496264	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	229182	64.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.44%	

Target Compounds				Qvalue		
3) Chloromethane	1.32	50	623	0.23	ug/l	94
10) Methyl Iodide	2.51	142	649	4.47	ug/l #	84
11) Tert butyl alcohol	3.08	59	327	0.51	ug/l #	67
13) Acrolein	2.28	56	193	0.76	ug/l #	39
15) Acrylonitrile	3.15	53	311	0.20	ug/l #	61
16) Acetone	2.45	43	1130	0.86	ug/l	97
18) Methyl Acetate	2.78	43	926	0.25	ug/l	94
20) Methylene Chloride	2.85	84	831	0.31	ug/l #	83
25) 2-Butanone	4.71	43	714	0.34	ug/l #	47
29) Tetrahydrofuran	5.17	42	470	0.37	ug/l #	51
36) 1,1-Dichloropropene	5.67	75	13889	3.54	ug/l #	48
38) Carbon Tetrachloride	5.66	117	18467	4.82	ug/l #	15
39) Methylcyclohexane	7.46	83	6548	1.60	ug/l	91
51) 4-Methyl-2-Pentanone	8.66	43	3914	0.94	ug/l #	42
55) 1,1,2-Trichloroethane	9.27	97	1160	0.39	ug/l #	1
56) Ethyl methacrylate	9.16	69	5712	1.37	ug/l #	12
58) 2-Chloroethyl Vinyl ether	8.34	63	54	7.30	ug/l #	45
59) 2-Hexanone	9.44	43	200929	62.61	ug/l #	26
65) Chlorobenzene	10.07	112	3258	0.39	ug/l #	58
67) Ethyl Benzene	10.26	91	53968	3.99	ug/l	98
68) m/p-Xylenes	10.37	106	19917	3.82	ug/l #	73
69) o-Xylene	10.70	106	2869	0.57	ug/l	88
73) Isopropylbenzene	11.02	105	245413	18.15	ug/l	100
74) N-aryl acetate	10.91	43	498302	87.57	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	343486	78.77	ug/l #	25
76) 1,2,3-Trichloropropane	11.36	75	4817	1.17	ug/l #	1
78) n-propylbenzene	11.37	91	820678	52.80	ug/l	99
79) 2-Chlorotoluene	11.46	91	98400	10.44	ug/l #	51
80) 1,3,5-Trimethylbenzene	11.51	105	1513059	133.14	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	89731	69.26	ug/l #	49
82) 4-Chlorotoluene	11.77	91	59859	5.44	ug/l	86
83) tert-Butylbenzene	11.77	119	82609	7.64	ug/l	81
84) 1,2,4-Trimethylbenzene	11.81	105	5347995	460.91	ug/l	97
85) sec-Butylbenzene	11.95	105	686913	49.82	ug/l	99

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP1-MW-B(4-8)

Quant Time: Sep 13 01:02:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

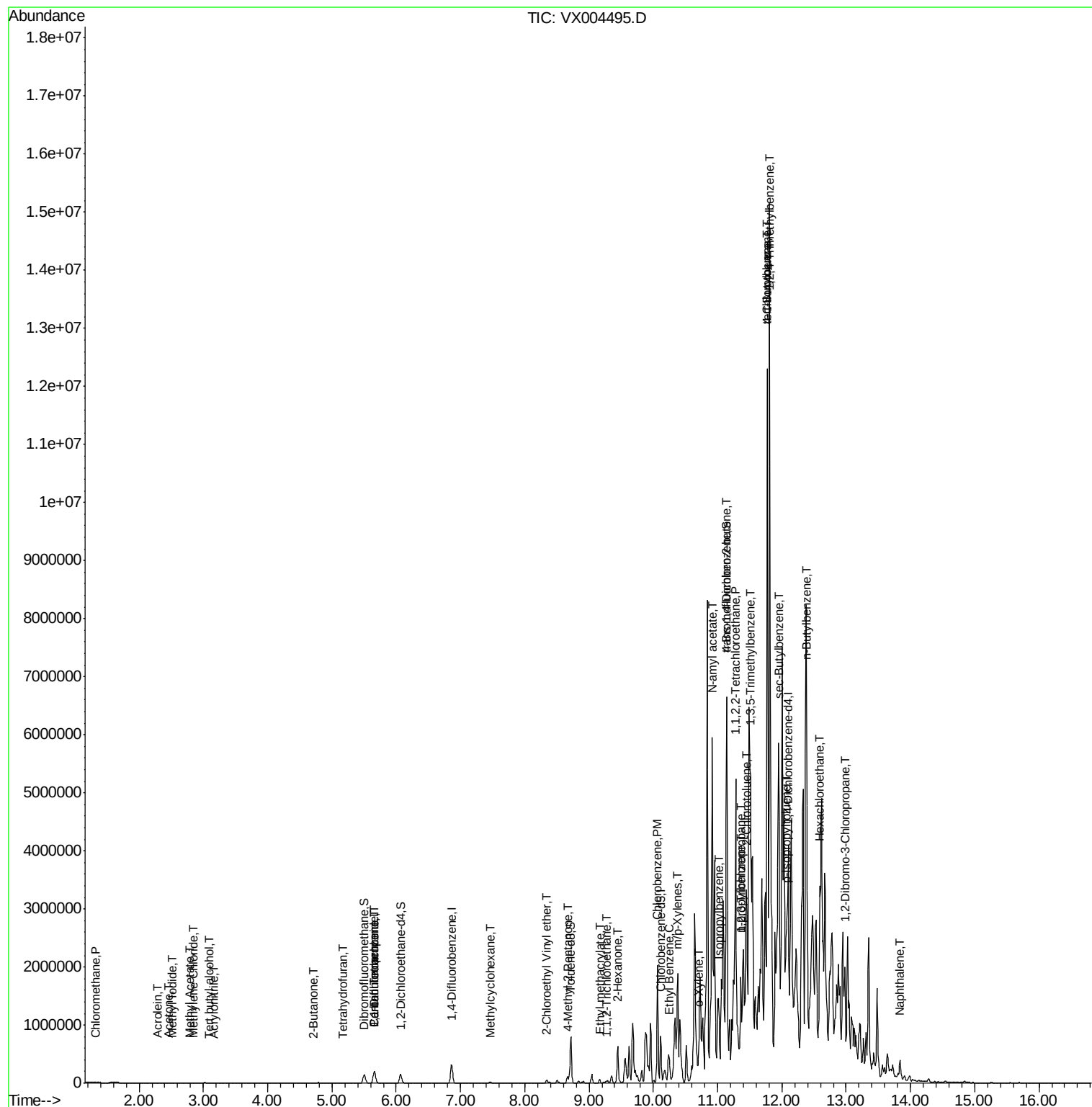
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.07	119	555973	45.66	ug/l	100
89) n-Butylbenzene	12.39	91	1071951	96.62	ug/l #	46
90) Hexachloroethane	12.59	117	92765	47.59	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.98	75	5077	5.45	ug/l #	1
95) Naphthalene	13.83	128	219252	15.65	ug/l	97

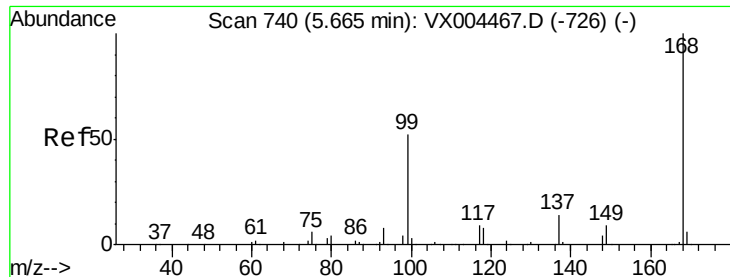
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004495.D

Acq: 12 Sep 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

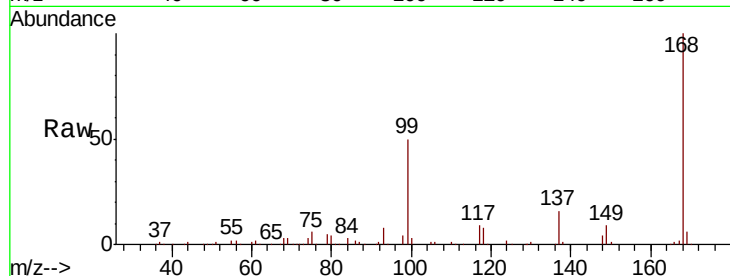
EP1-MW-B(4-8)

Tot Ion:168 Resp: 208589

Ion Ratio Lower Upper

168 100

99 50.3 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

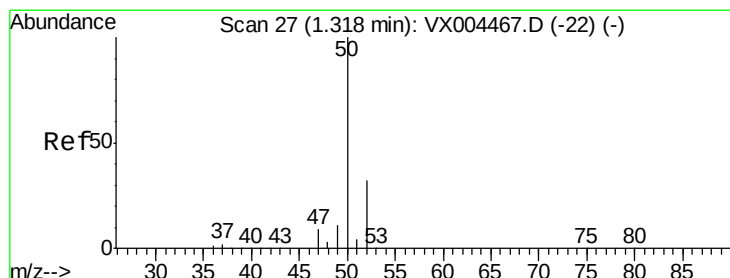
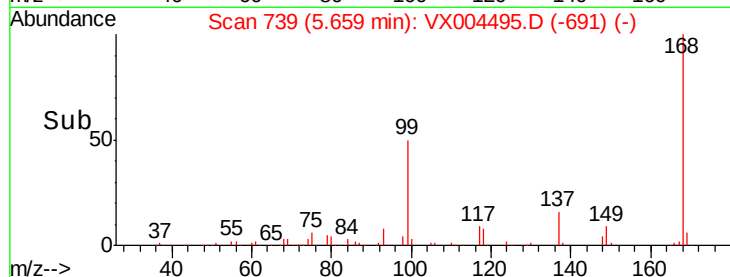
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX004495.D

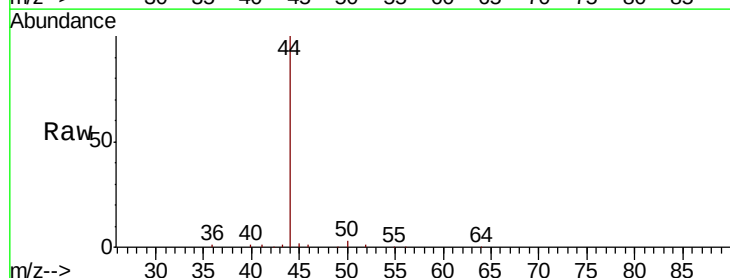
Acq: 12 Sep 2018 15:28

Tgt Ion: 50 Resp: 623

Ion Ratio Lower Upper

50 100

52 29.1 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

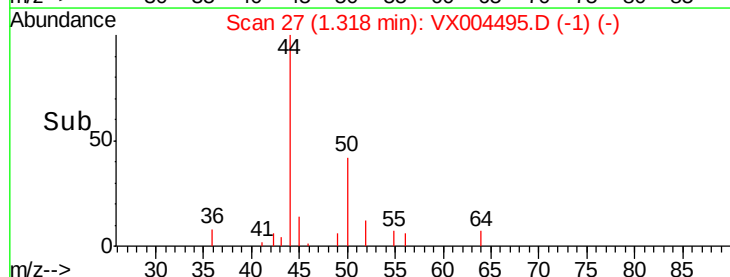
300

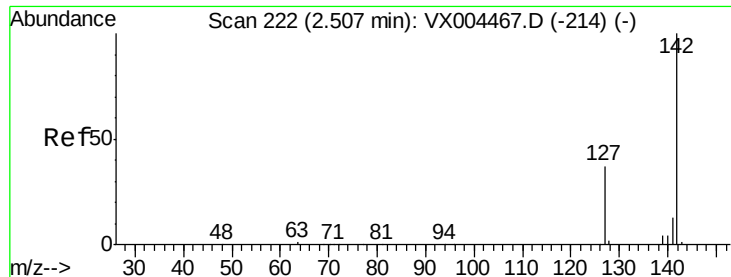
200

100

0

Time--> 1.30 1.35

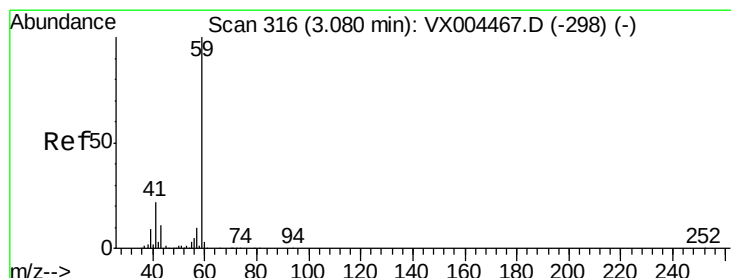
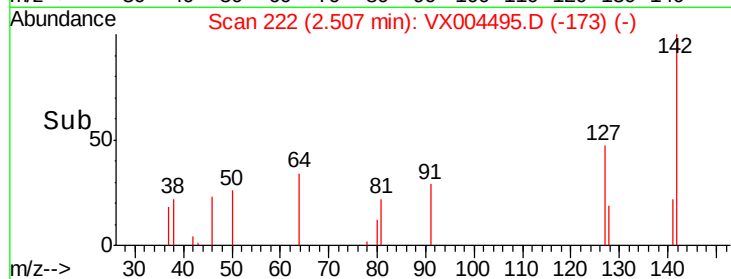
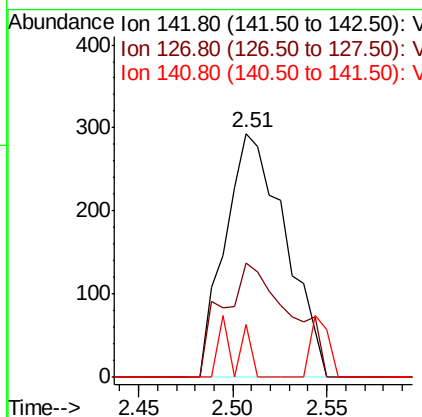
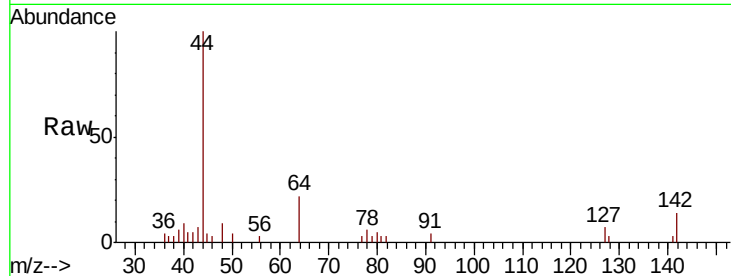




#10
Methvl Iodide
Concen: 4.47 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

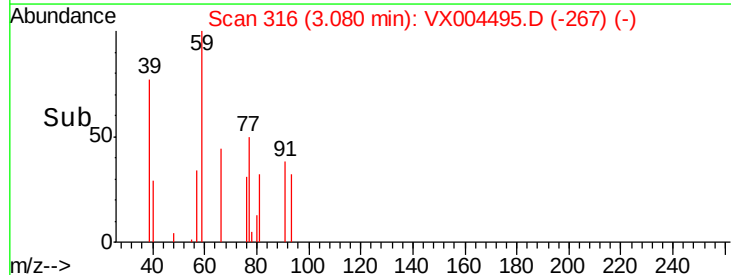
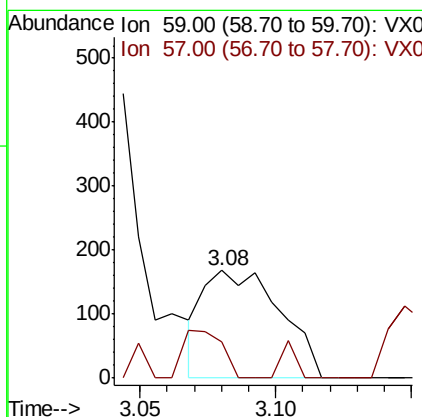
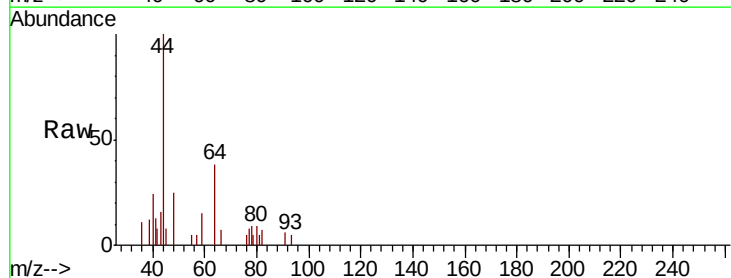
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(4-8)

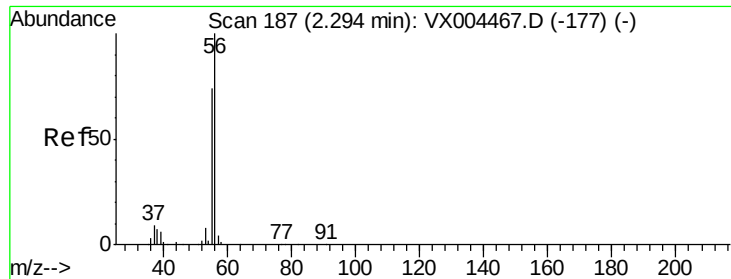
Tot Ion:142 Resp: 649
Ion Ratio Lower Upper
142 100
127 52.2 33.8 50.6#
141 7.9 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.51 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

Tgt Ion: 59 Resp: 327
Ion Ratio Lower Upper
59 100
57 22.6 8.2 12.4#





#13

Acrolein

Concen: 0.76 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

Instrument :

MSVOA_X

ClientSampled :

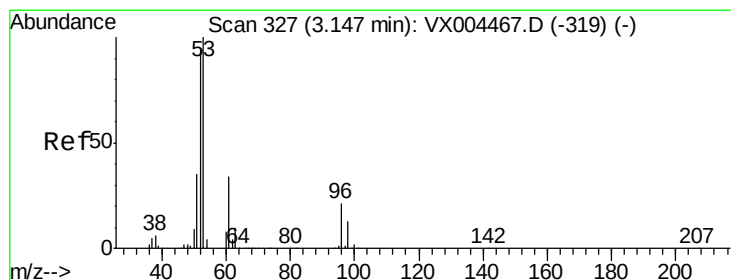
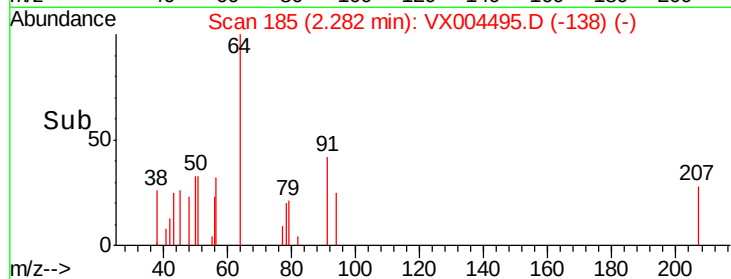
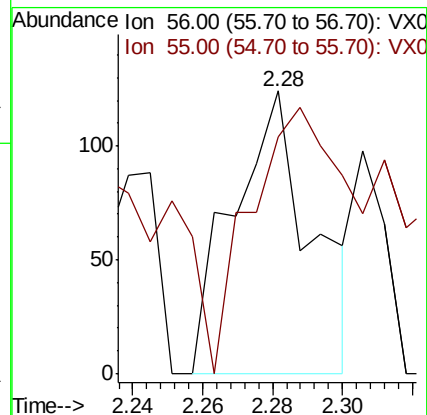
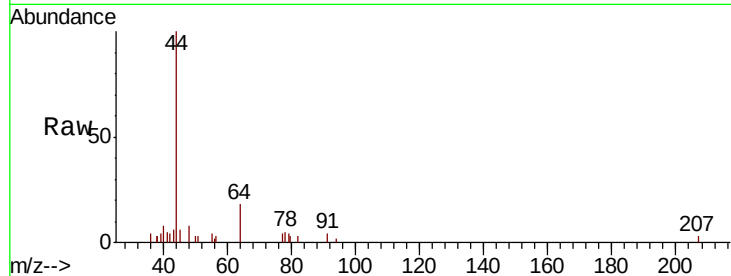
EP1-MW-B(4-8)

Tot Ion: 56 Resp: 193

Ion Ratio Lower Upper

56 100

55 117.6 54.7 82.1#



#15

Acrylonitrile

Concen: 0.20 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

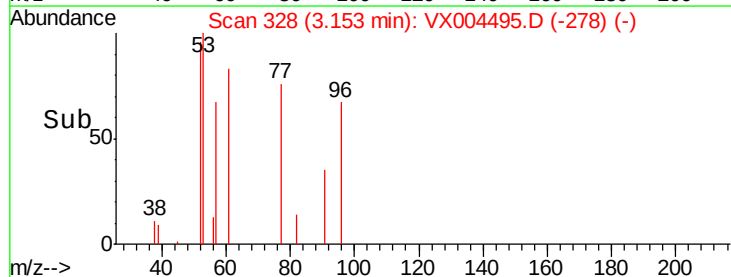
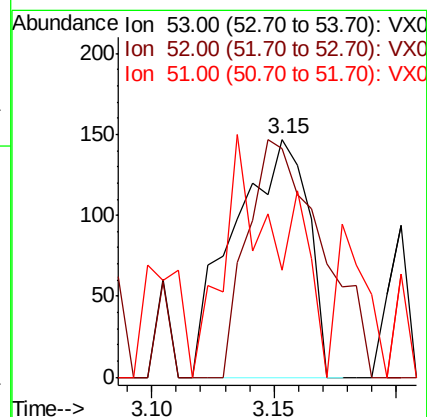
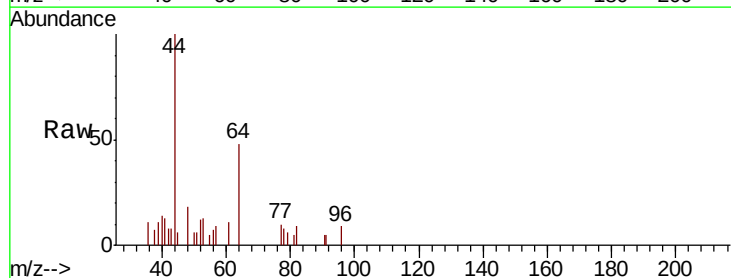
Tgt Ion: 53 Resp: 311

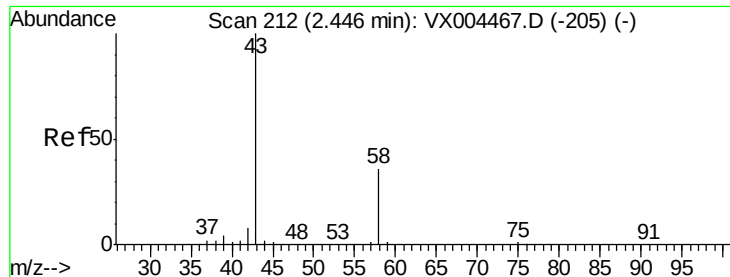
Ion Ratio Lower Upper

53 100

52 100.6 65.2 97.8#

51 81.4 28.2 42.2#

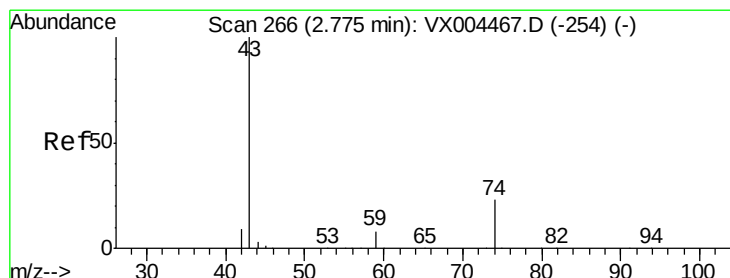
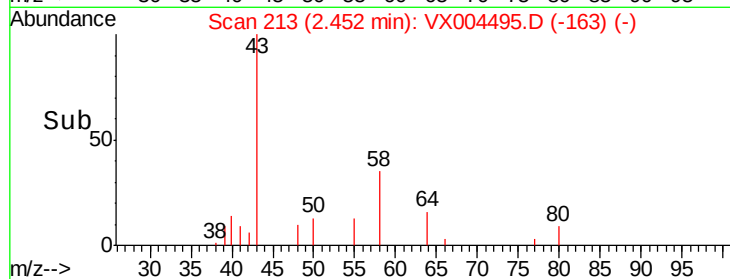
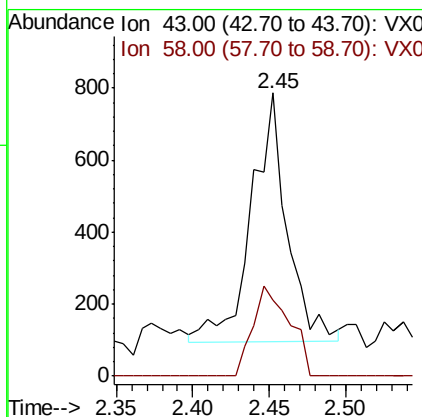
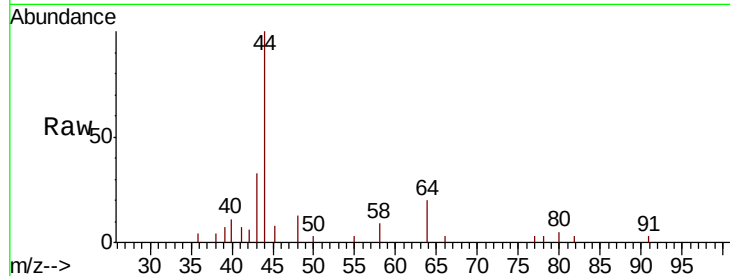




#16
 Acetone
 Concen: 0.86 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX004495.D
 Acq: 12 Sep 2018 15:28

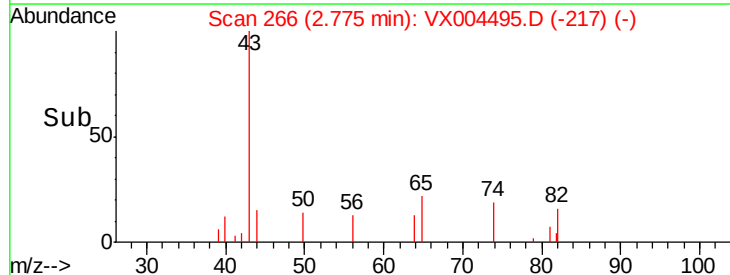
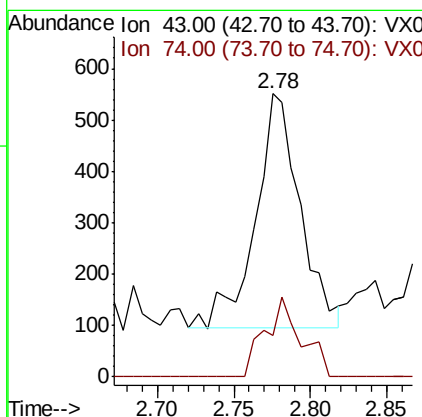
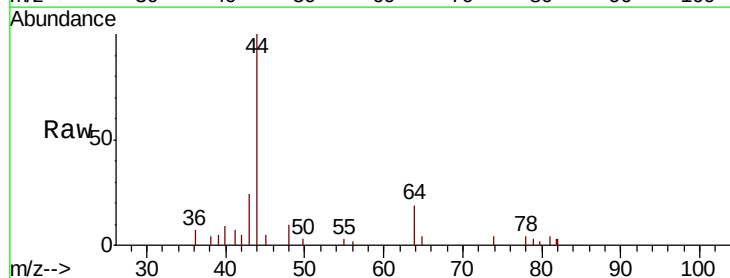
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(4-8)

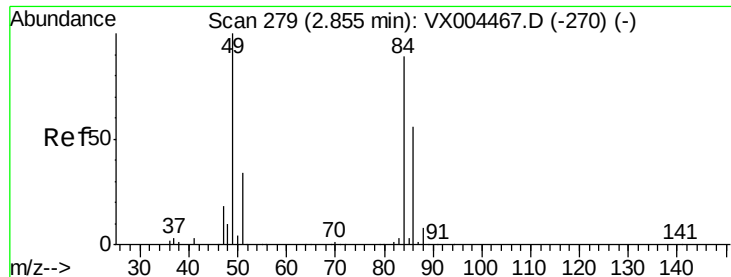
Tot Ion: 43 Resp: 1130
 Ion Ratio Lower Upper
 43 100
 58 31.3 26.2 39.4



#18
 Methyl Acetate
 Concen: 0.25 ug/l
 RT: 2.78 min Scan# 266
 Delta R.T. -0.00 min
 Lab File: VX004495.D
 Acq: 12 Sep 2018 15:28

Tgt Ion: 43 Resp: 926
 Ion Ratio Lower Upper
 43 100
 74 27.4 19.4 29.2

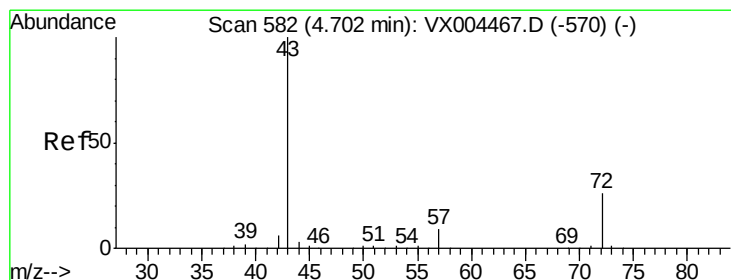
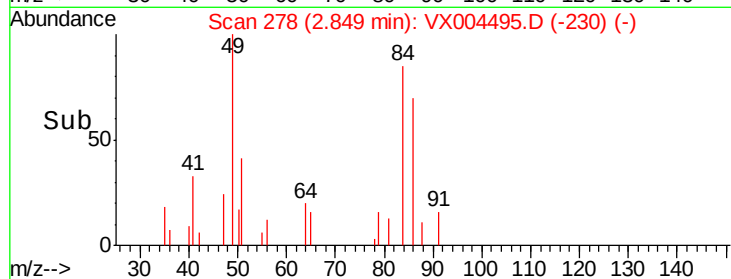
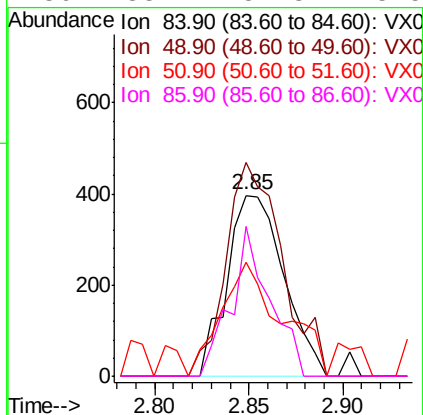
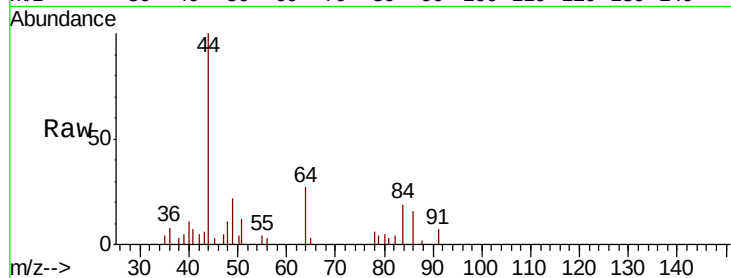




#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

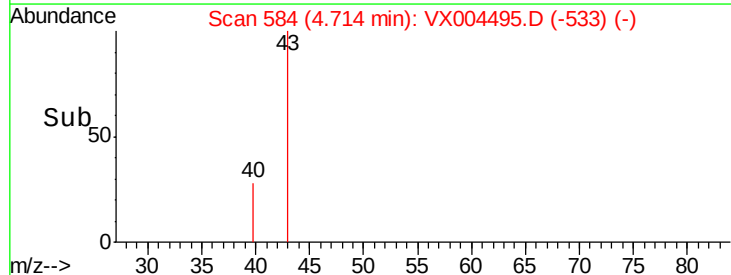
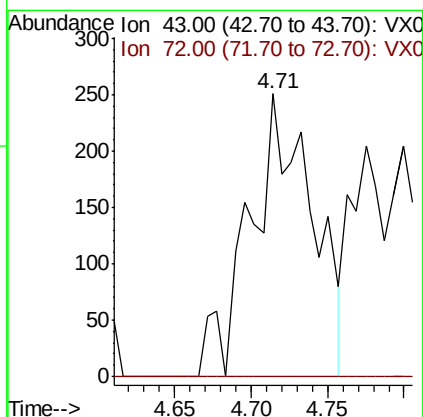
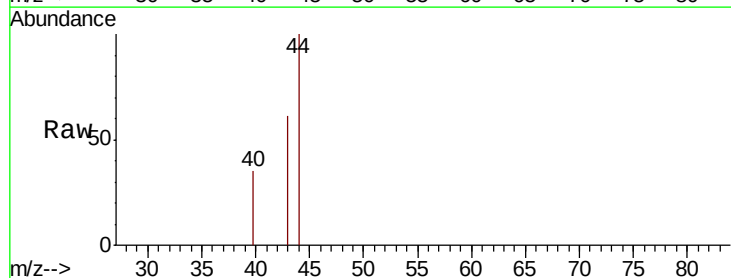
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(4-8)

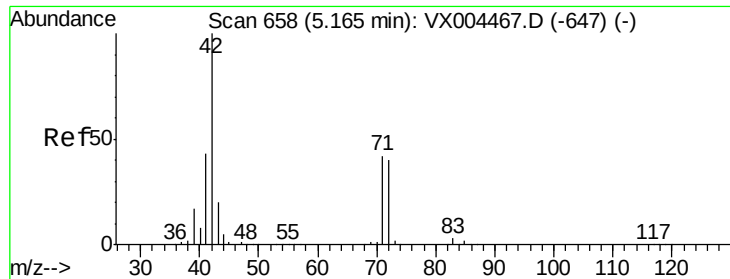
Tot Ion: 84 Resp: 831
Ion Ratio Lower Upper
84 100
49 118.1 101.2 151.8
51 62.7 29.5 44.3#
86 83.1 52.3 78.5#



#25
2-Butanone
Concen: 0.34 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

Tgt Ion: 43 Resp: 714
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#





#29

Tetrahydrofuran

Concen: 0.37 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

Instrument :

MSVOA_X

ClientSampled :

EP1-MW-B(4-8)

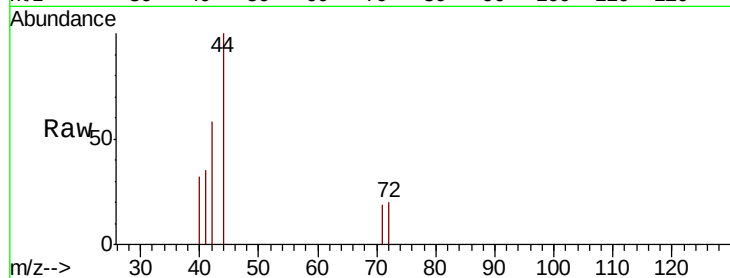
Tot Ion: 42 Resp: 470

Ion Ratio Lower Upper

42 100

72 17.0 37.4 56.0#

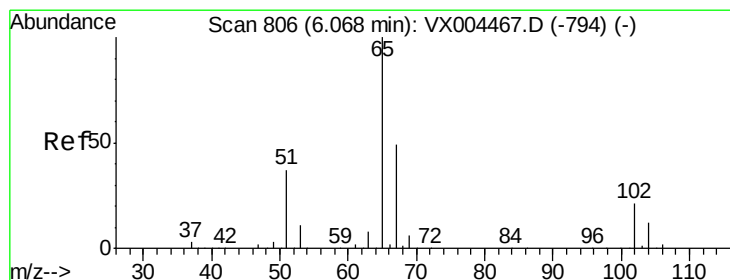
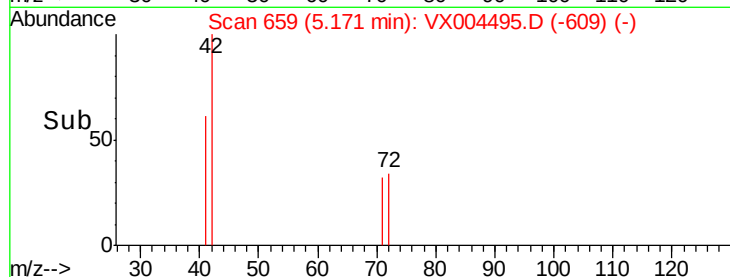
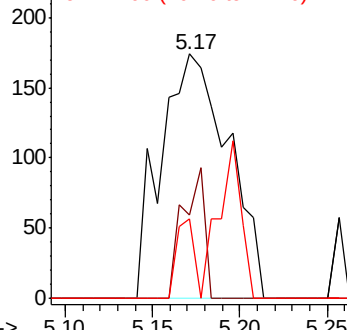
71 8.3 34.5 51.7#



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: 52.28 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004495.D

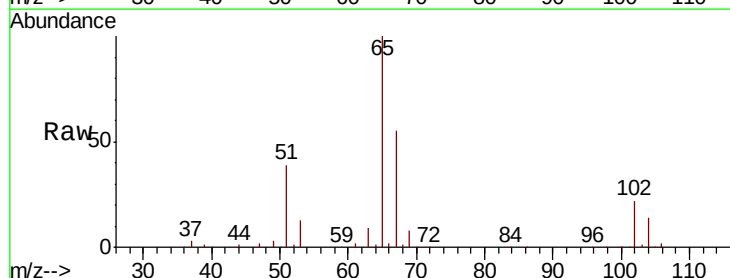
Acq: 12 Sep 2018 15:28

Tgt Ion: 65 Resp: 140617

Ion Ratio Lower Upper

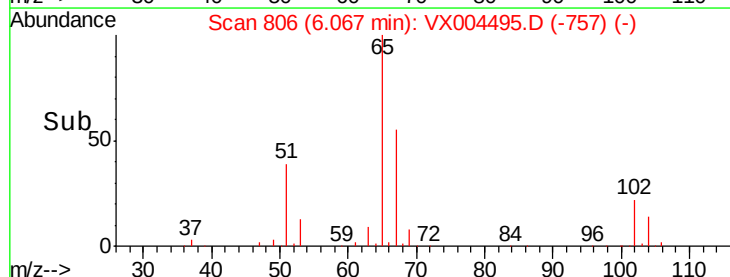
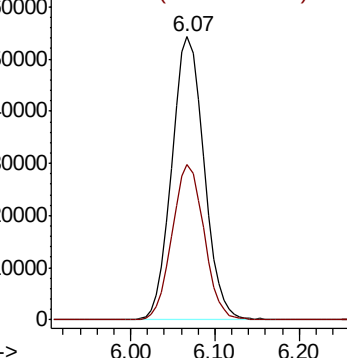
65 100

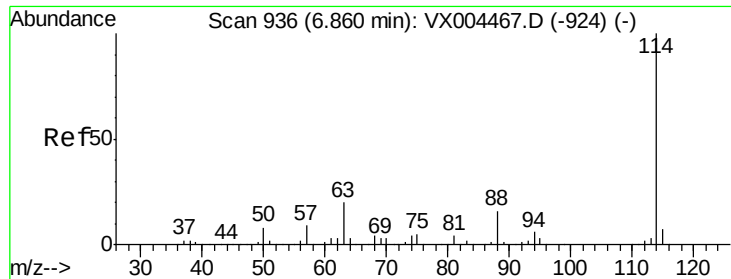
67 54.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

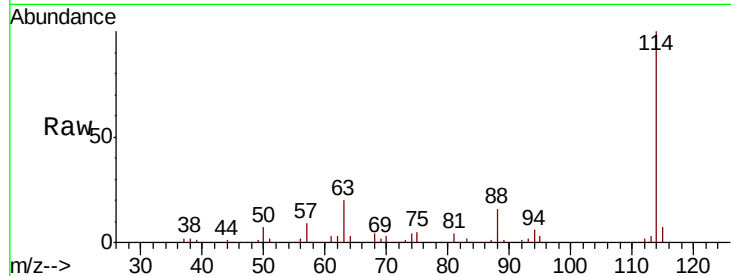




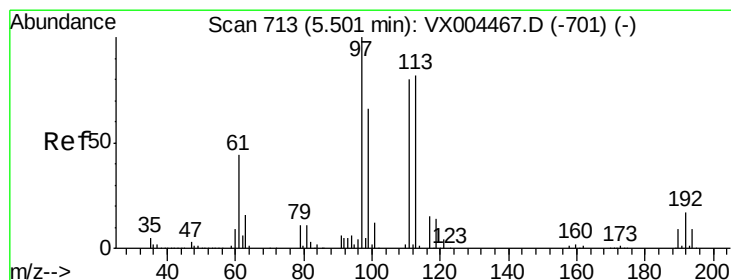
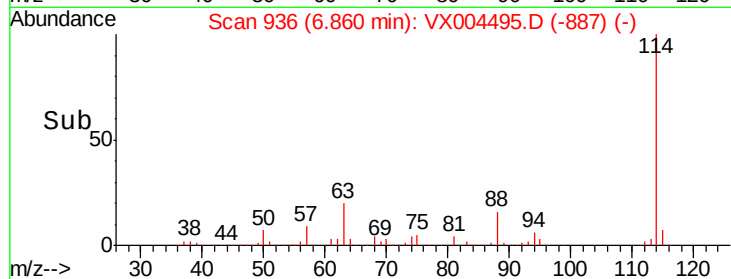
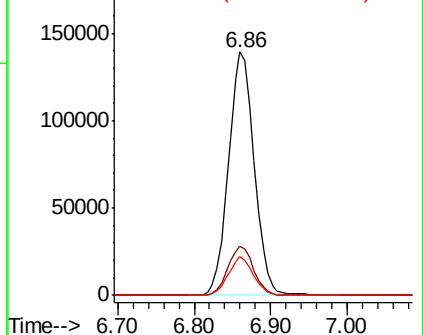
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004495.D
 Acq: 12 Sep 2018 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(4-8)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	15.7	0.0	30.4

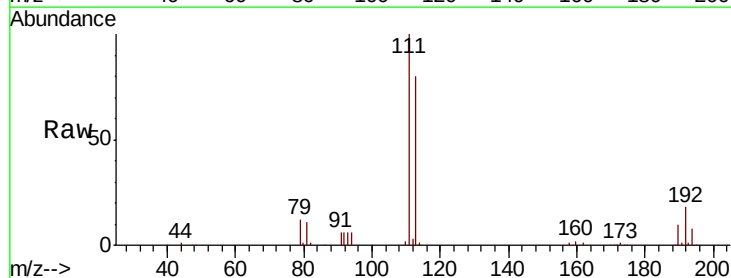


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

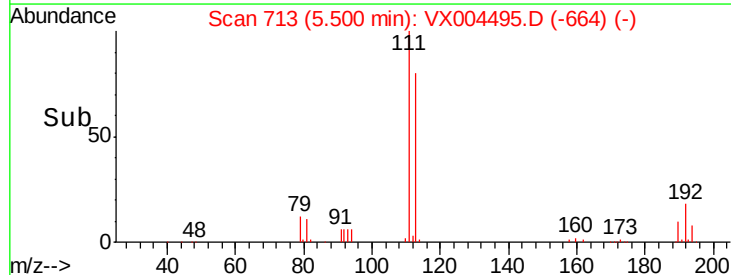
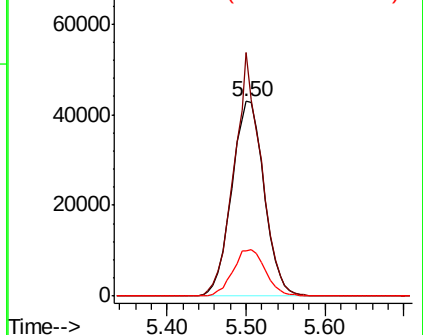


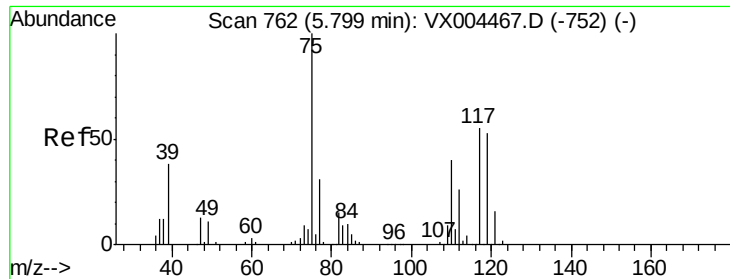
#35
 Dibromofluoromethane
 Concen: 41.57 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004495.D
 Acq: 12 Sep 2018 15:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.4	123.6
192	23.7	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

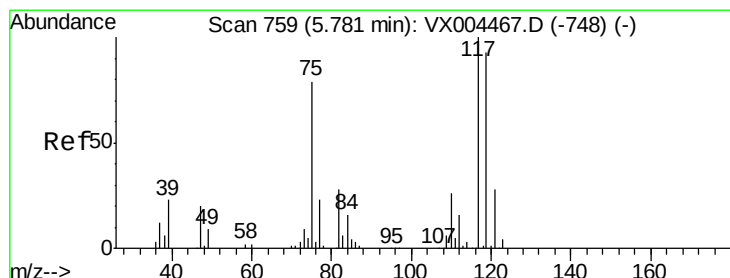
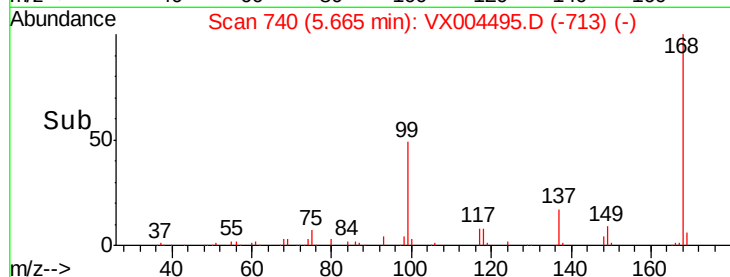
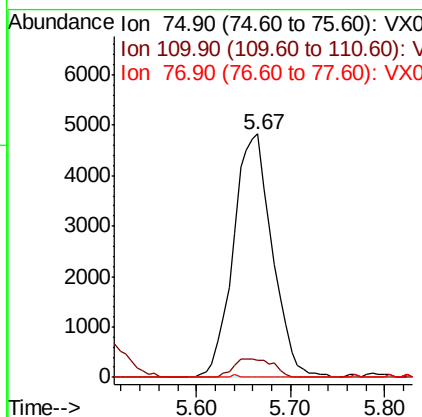
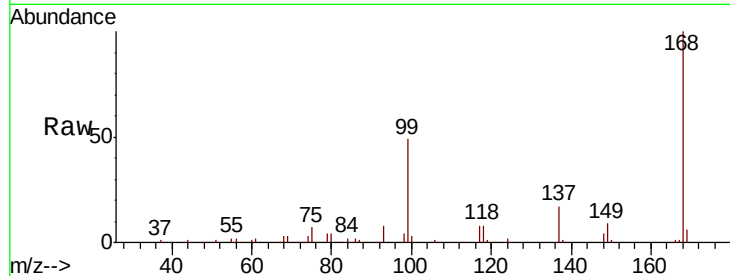




#36
 1,1-Dichloropropene
 Concen: 3.54 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX004495.D
 Acq: 12 Sep 2018 15:28

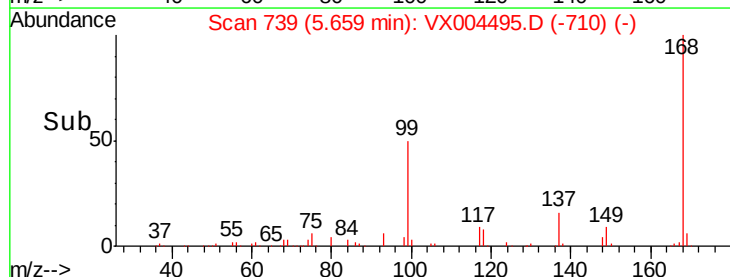
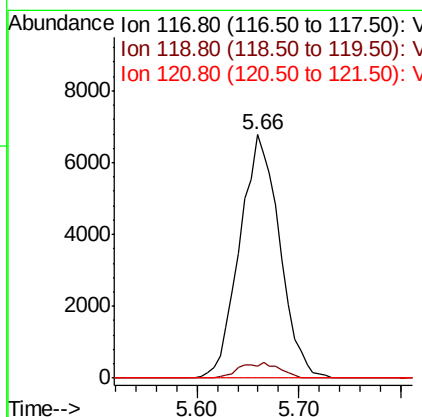
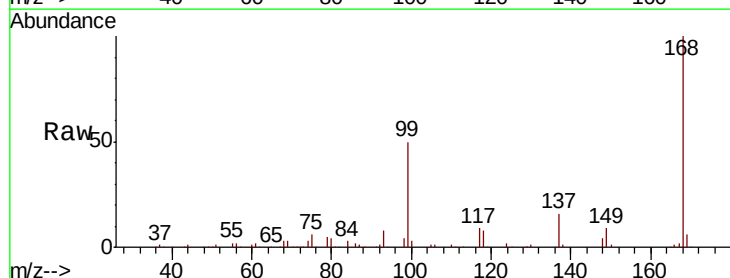
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(4-8)

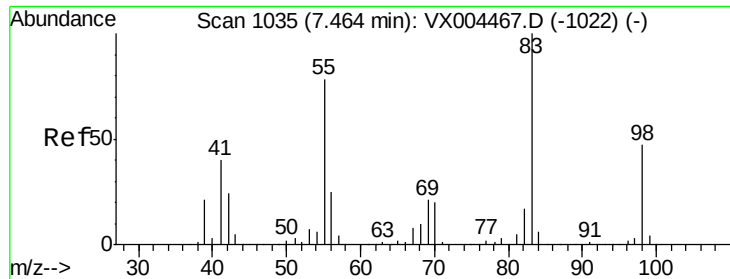
Tot Ion	75	Resp	13889
Ion Ratio	Lower	Upper	
75	100		
110	7.8	18.0	54.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 4.82 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX004495.D
 Acq: 12 Sep 2018 15:28

Tgt Ion	117	Resp	18467
Ion Ratio	Lower	Upper	
117	100		
119	5.0	78.8	118.2#
121	0.0	24.9	37.3#

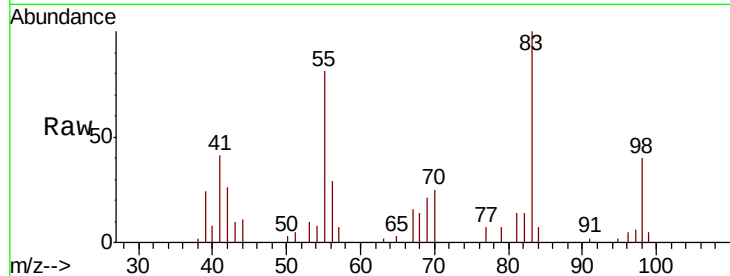




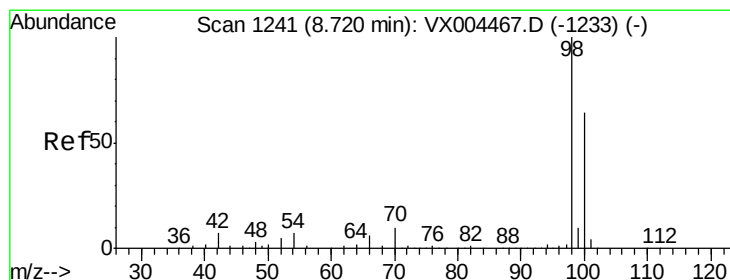
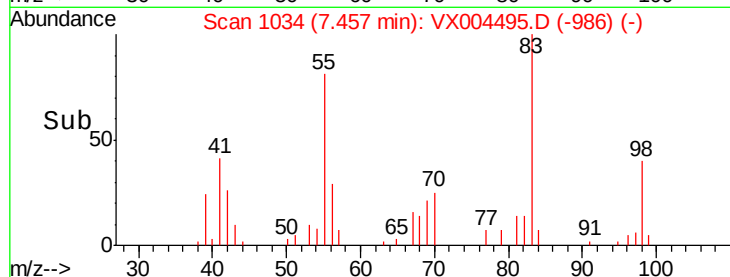
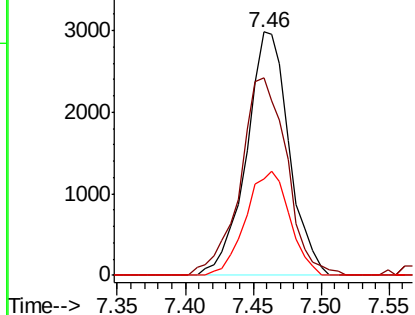
#39
Methylvlcyclohexane
Concen: 1.60 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(4-8)

Tot Ion: 83 Resp: 6548
Ion Ratio Lower Upper
83 100
55 81.0 61.0 91.4
98 39.7 39.6 59.4

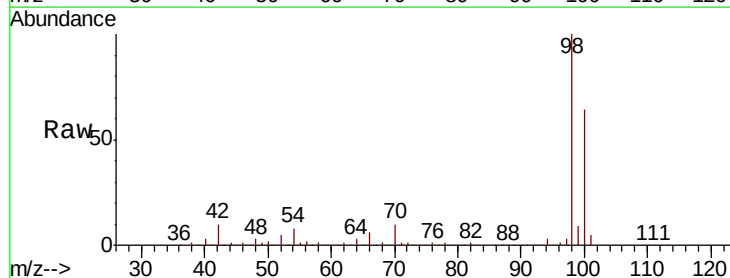


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

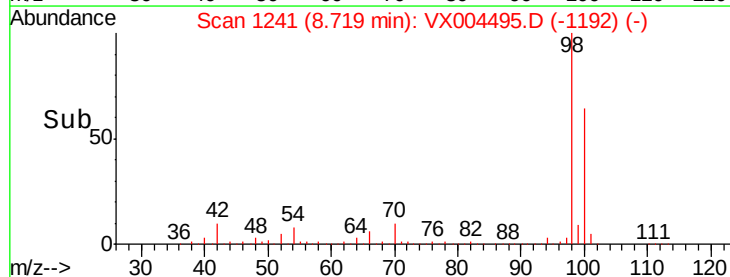
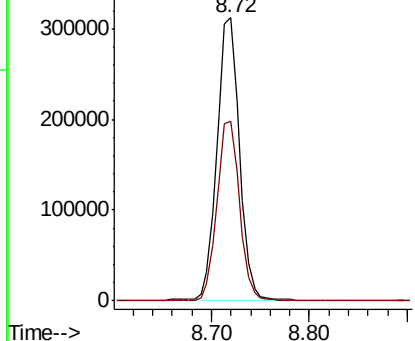


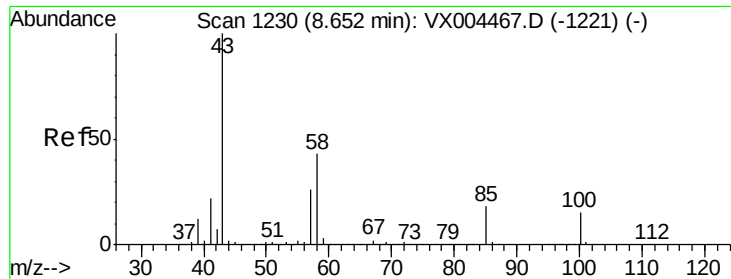
#50
Toluene-d8
Concen: 50.03 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

Tgt Ion: 98 Resp: 496264
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): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.94 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

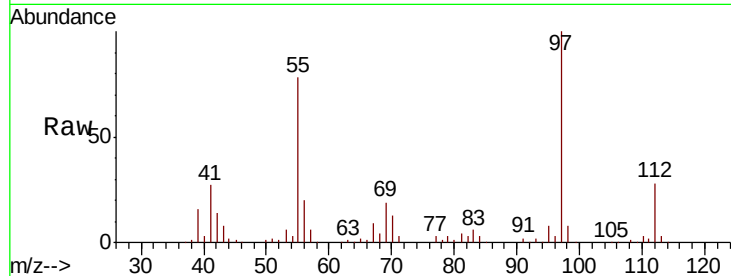
EP1-MW-B(4-8)

Tot Ion: 43 Resp: 3914

Ion Ratio Lower Upper

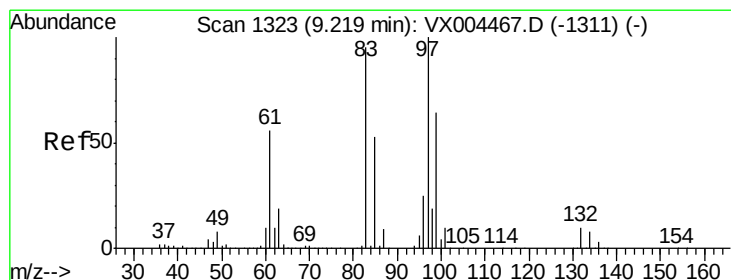
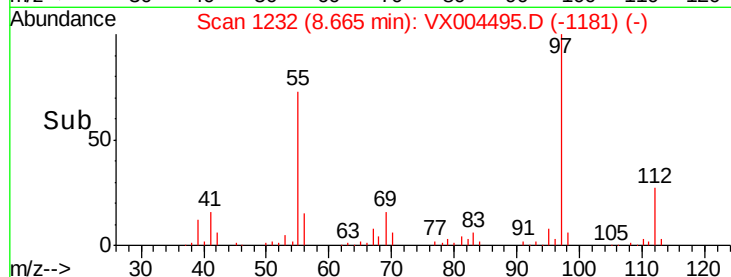
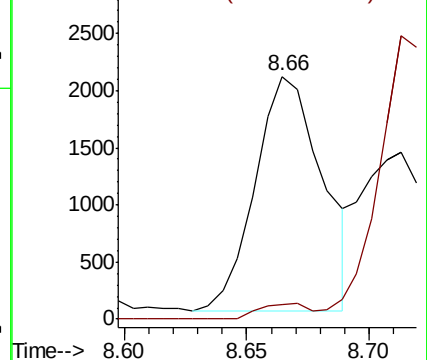
43 100

58 5.0 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: 0.39 ug/l

RT: 9.27 min Scan# 1331

Delta R.T. 0.05 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

Tgt Ion: 97 Resp: 1160

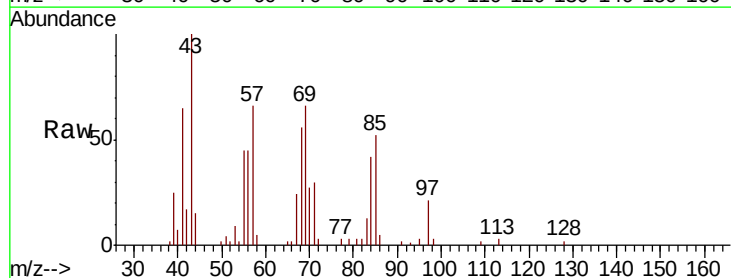
Ion Ratio Lower Upper

97 100

83 33.6 66.4 99.6#

85 255.0 43.3 64.9#

99 0.0 49.0 73.4#

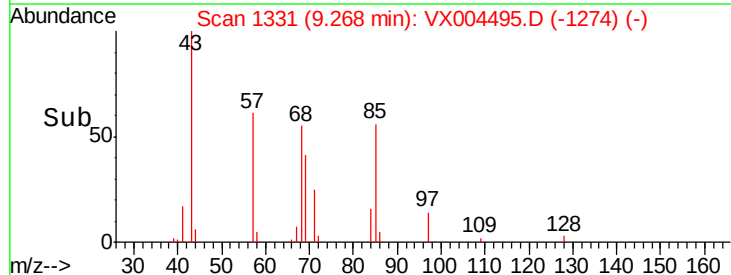
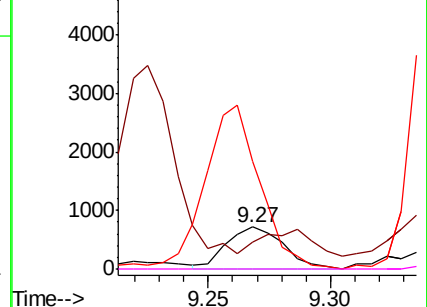


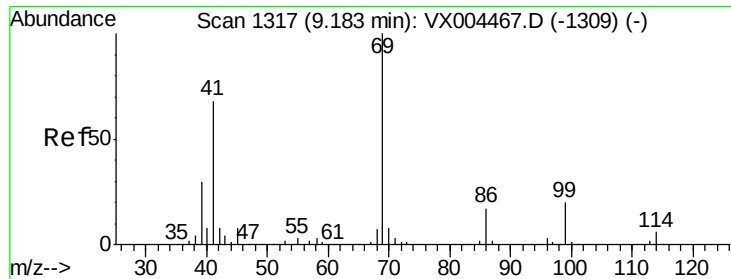
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

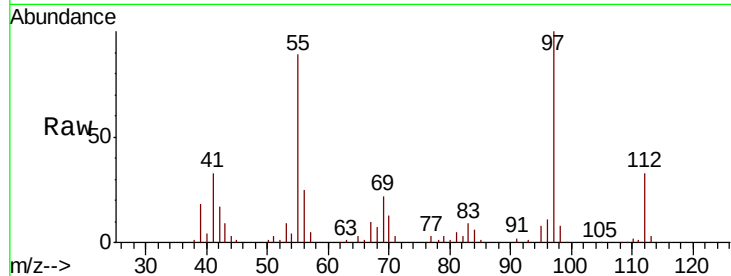




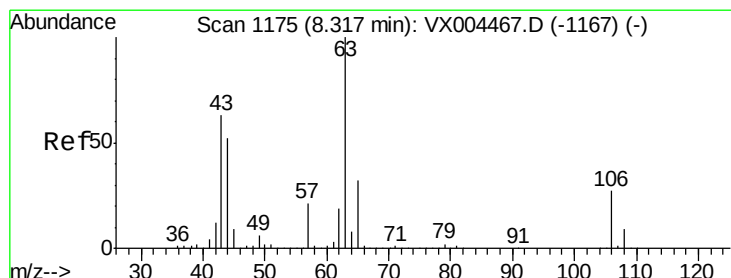
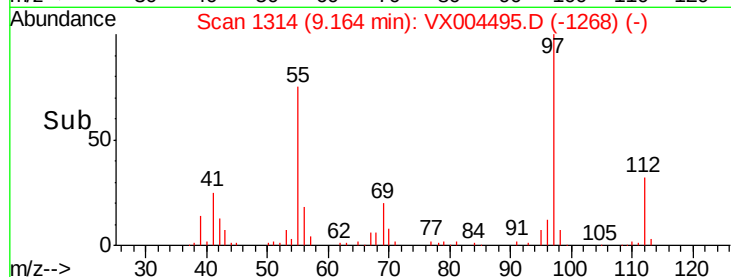
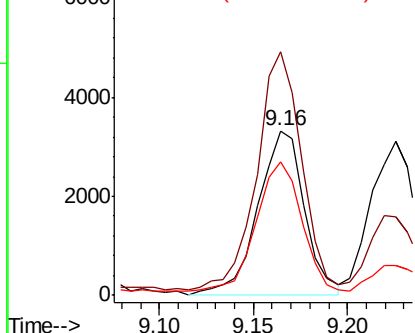
#56
Ethyl methacrylate
Concen: 1.37 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.02 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

Instrument :
MSVOA_X
ClientSampled :
EP1-MW-B(4-8)

Tot Ion: 69.00 Resp: 5712
Ion Ratio Lower Upper
69 100
41 136.8 51.0 76.4#
39 75.4 26.1 39.1#

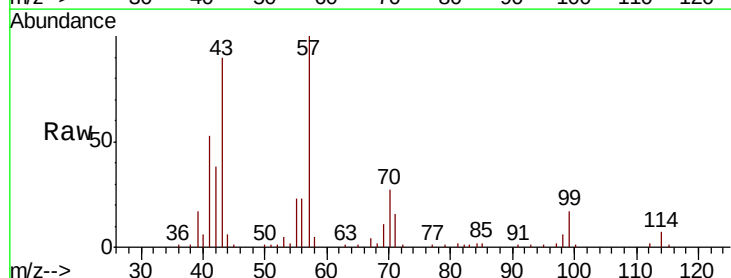


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

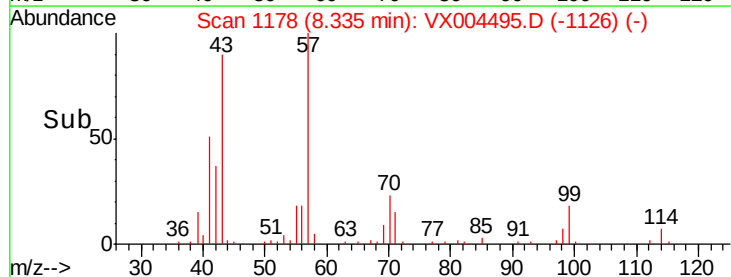
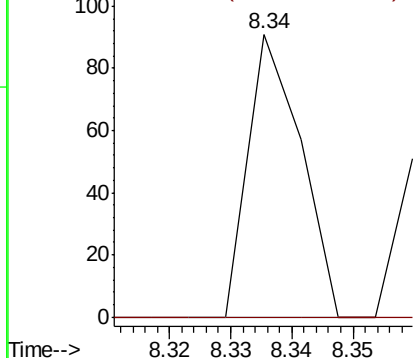


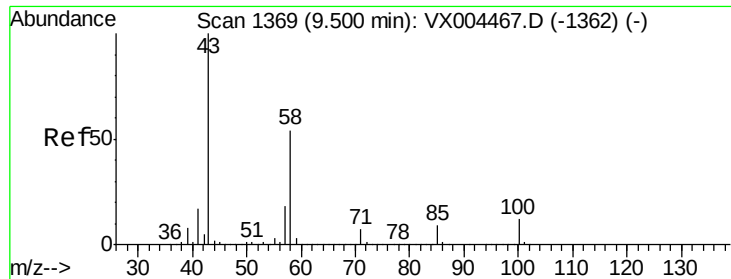
#58
2-Chloroethyl Vinyl ether
Concen: 7.30 ug/l
RT: 8.34 min Scan# 1178
Delta R.T. 0.02 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

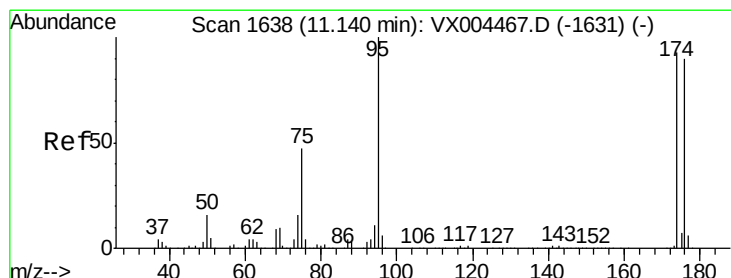
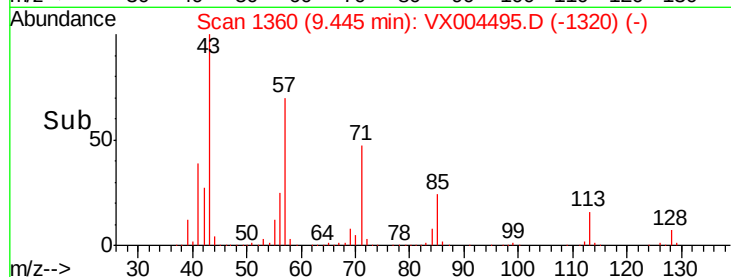
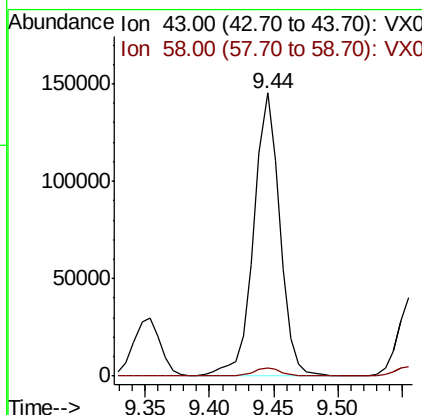
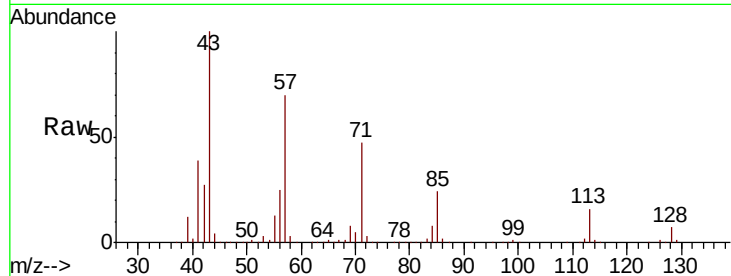




#59
 2-Hexanone
 Concen: 62.61 ug/l
 RT: 9.44 min Scan# 1360
 Delta R.T. -0.05 min
 Lab File: VX004495.D
 Acq: 12 Sep 2018 15:28

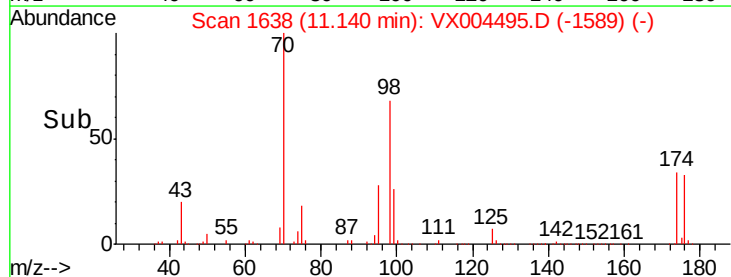
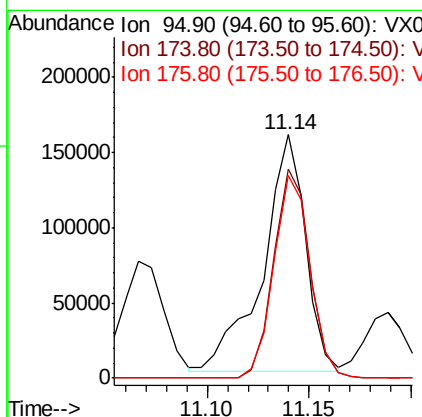
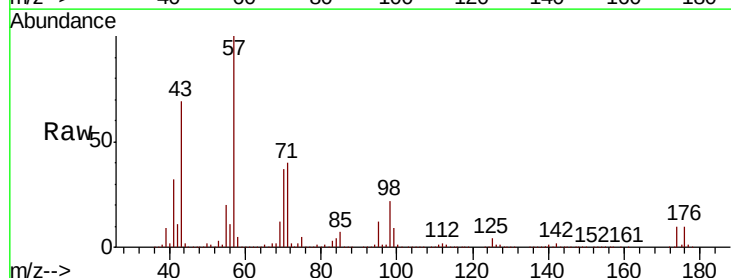
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(4-8)

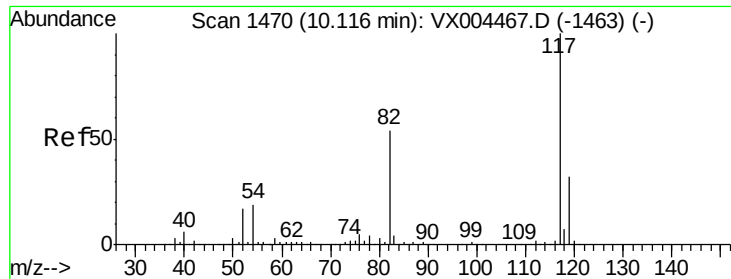
Tot Ion: 43 Resp: 200929
 Ion Ratio Lower Upper
 43 100
 58 3.3 29.0 87.0#



#62
 4-Bromofluorobenzene
 Concen: 64.72 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004495.D
 Acq: 12 Sep 2018 15:28

Tgt Ion: 95 Resp: 229182
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 185.2
 176 73.3 0.0 178.6

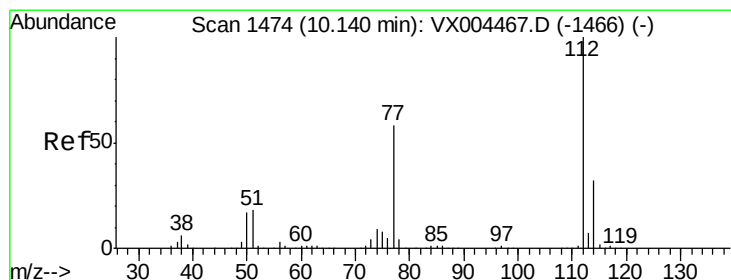
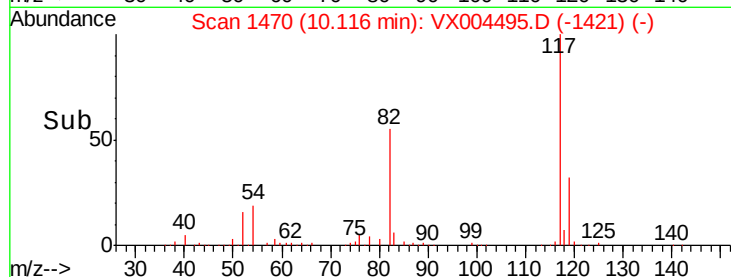
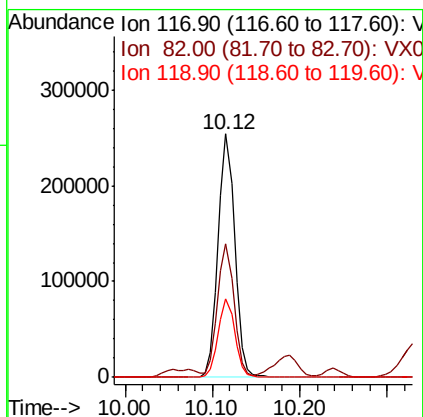
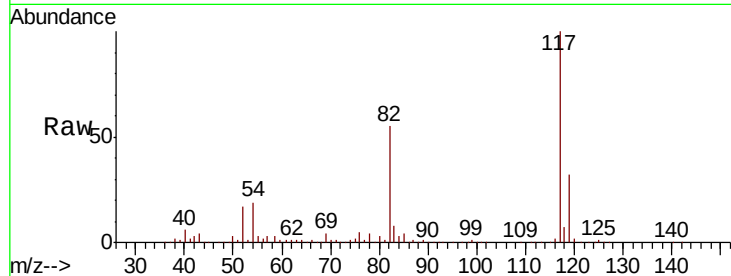




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

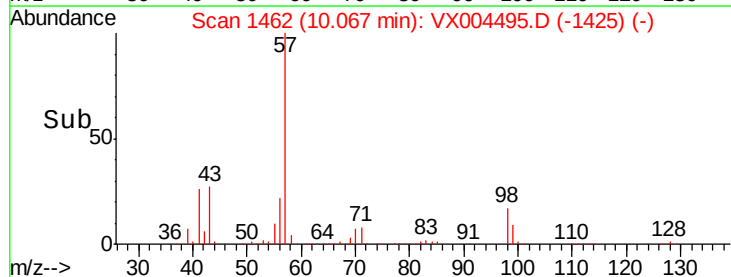
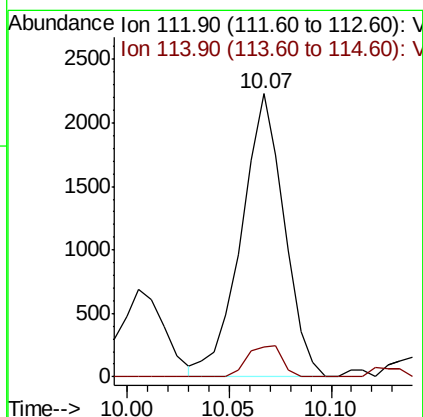
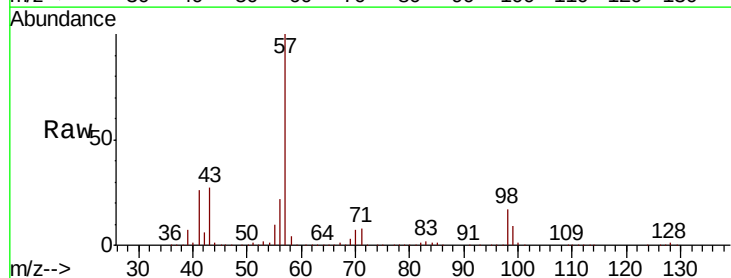
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(4-8)

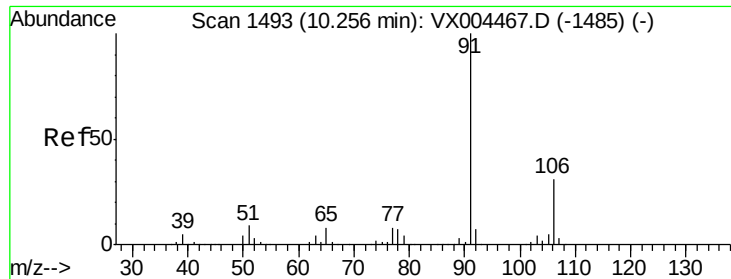
Tot Ion:117 Resp: 335164
Ion Ratio Lower Upper
117 100
82 52.1 47.8 71.6
119 32.3 29.3 43.9



#65
Chlorobenzene
Concen: 0.39 ug/l
RT: 10.07 min Scan# 1462
Delta R.T. -0.07 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

Tgt Ion:112 Resp: 3258
Ion Ratio Lower Upper
112 100
114 10.5 27.8 41.8#

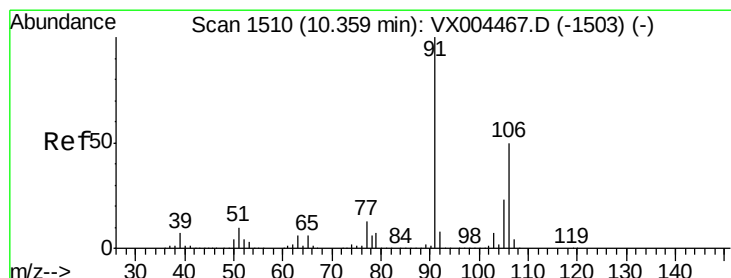
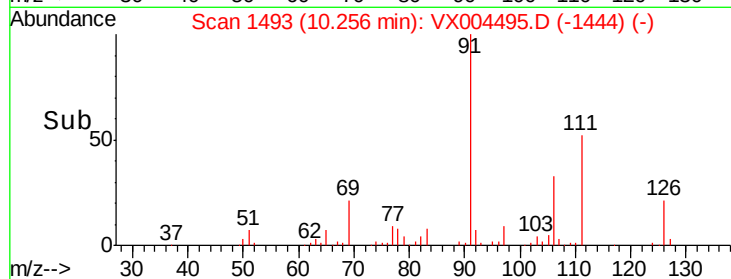
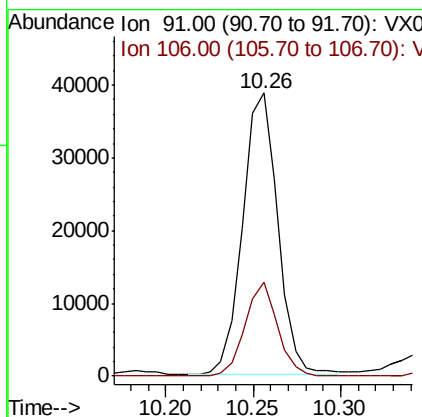
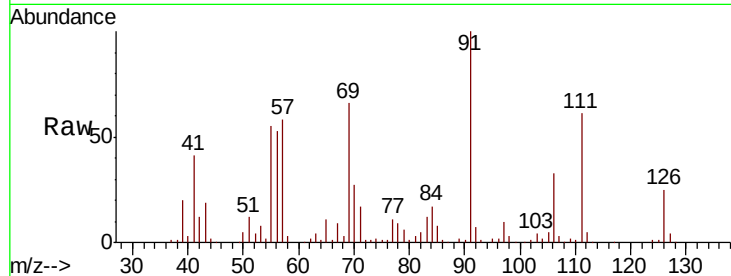




#67
Ethyl Benzene
Concen: 3.99 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

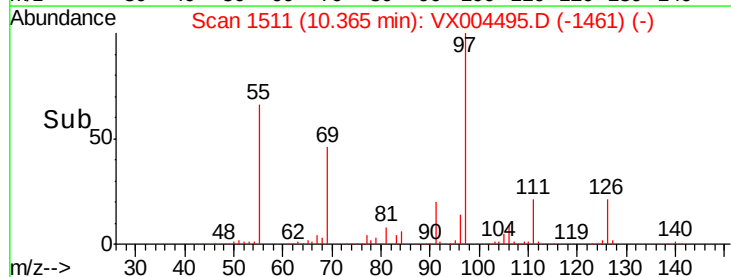
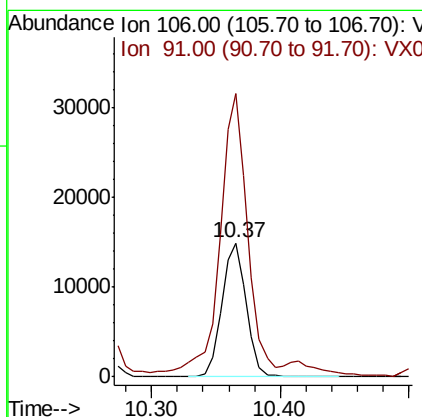
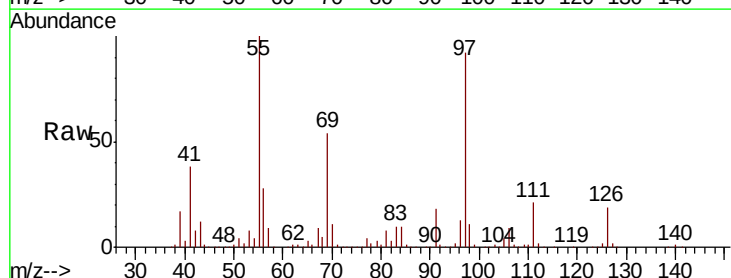
Instrument :
MSVOA_X
ClientSampled :
EP1-MW-B(4-8)

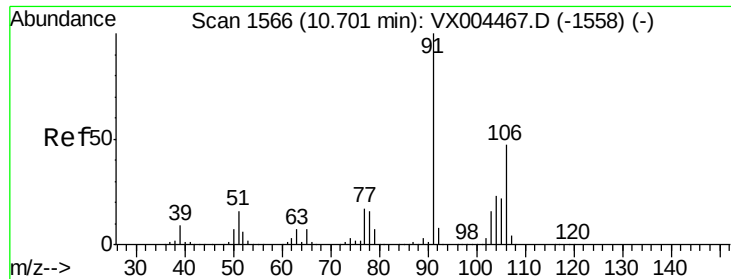
Tot Ion: 91 Resp: 53968
Ion Ratio Lower Upper
91 100
106 33.4 25.9 38.9



#68
m/p-Xylenes
Concen: 3.82 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

Tgt Ion:106 Resp: 19917
Ion Ratio Lower Upper
106 100
91 236.5 157.1 235.7#

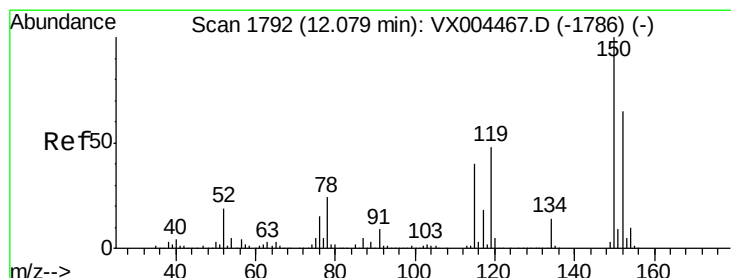
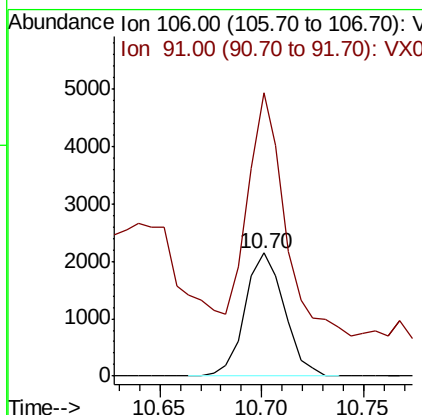
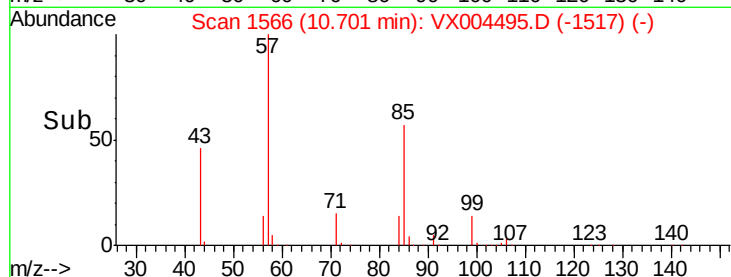
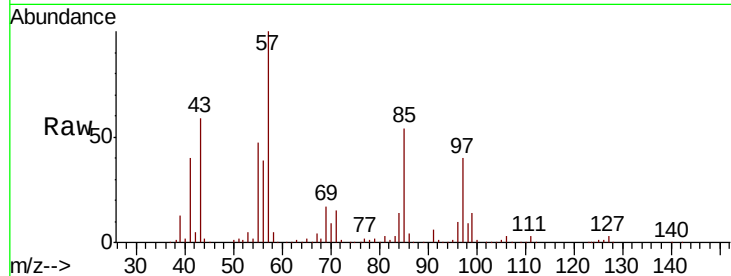




#69
o-Xylene
Concen: 0.57 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

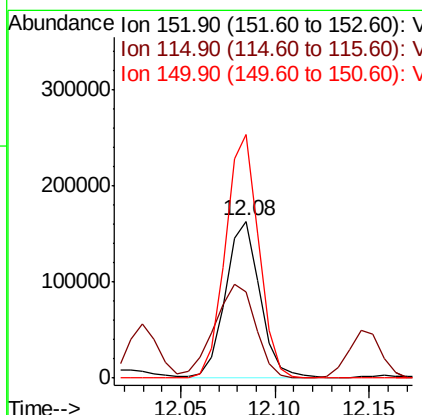
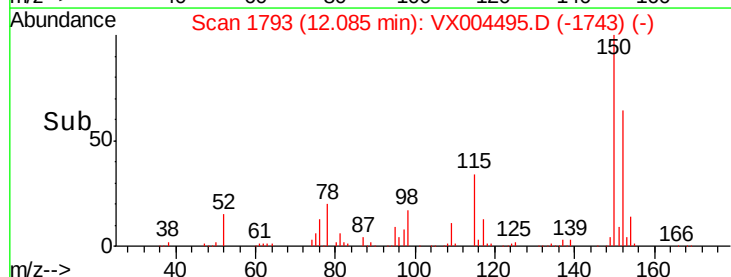
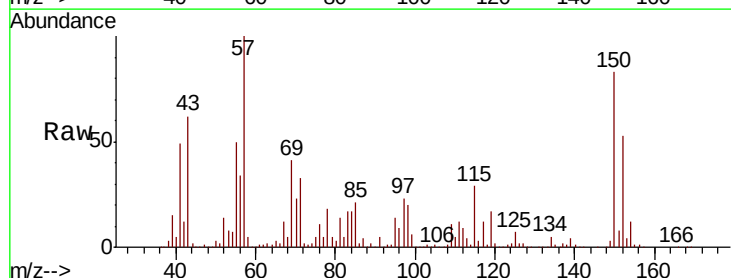
Instrument :
MSVOA_X
ClientSampled :
EP1-MW-B(4-8)

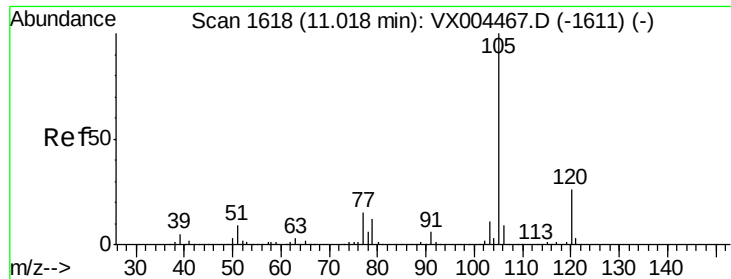
Tot Ion:106 Resp: 2869
Ion Ratio Lower Upper
106 100
91 191.2 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

Tgt Ion:152 Resp: 205265
Ion Ratio Lower Upper
152 100
115 71.4 39.0 117.0
150 150.9 0.0 351.0





#73

Isopropylbenzene

Concen: 18.15 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

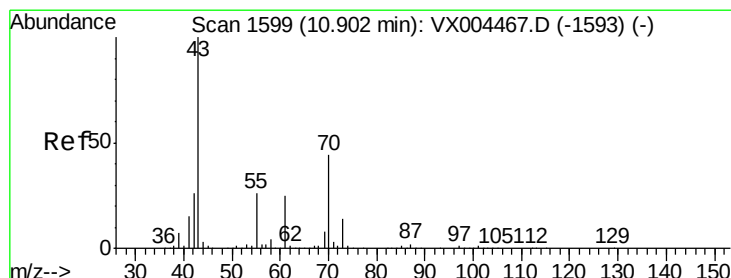
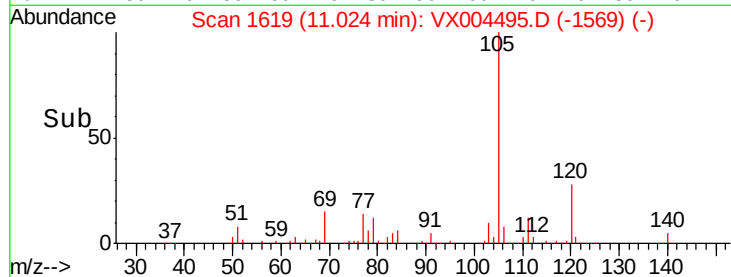
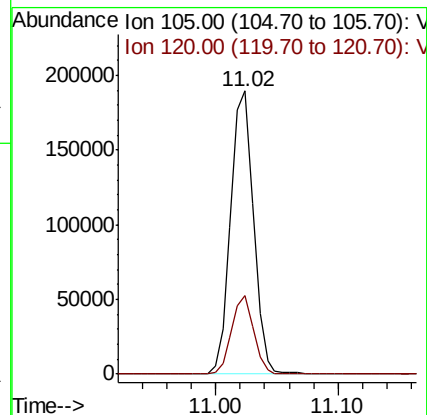
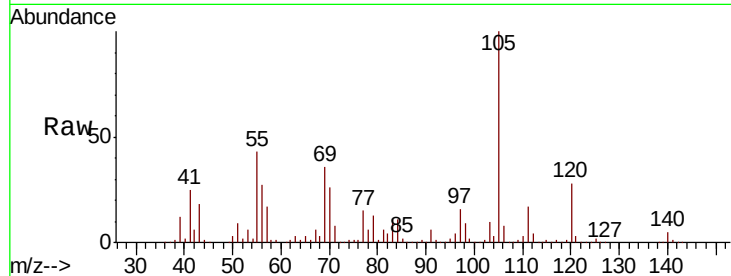
EP1-MW-B(4-8)

Tot Ion:105 Resp: 245413

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 87.57 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

Tgt Ion: 43 Resp: 498302

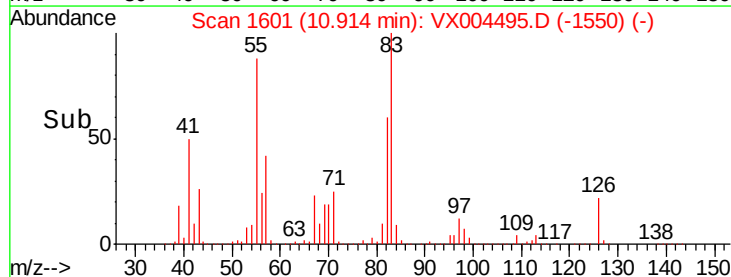
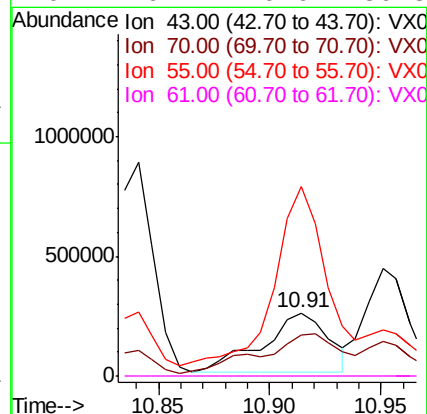
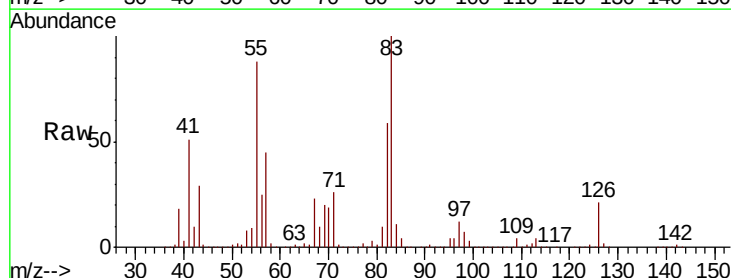
Ion Ratio Lower Upper

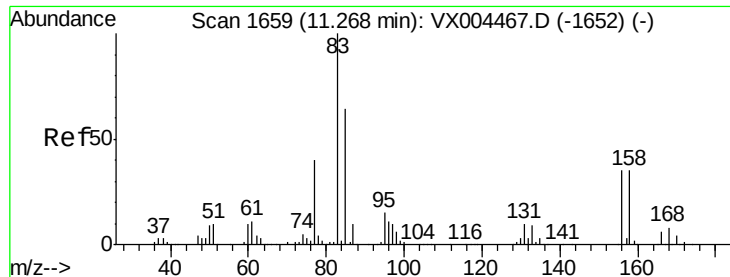
43 100

70 83.4 37.4 56.0#

55 238.2 21.8 32.8#

61 0.1 20.6 30.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 78.77 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-B(4-8)

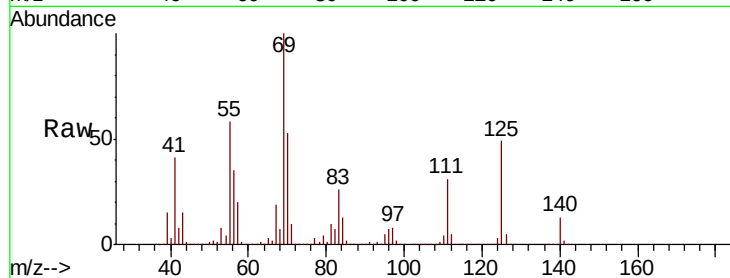
Tot Ion: 83 Resp: 343486

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

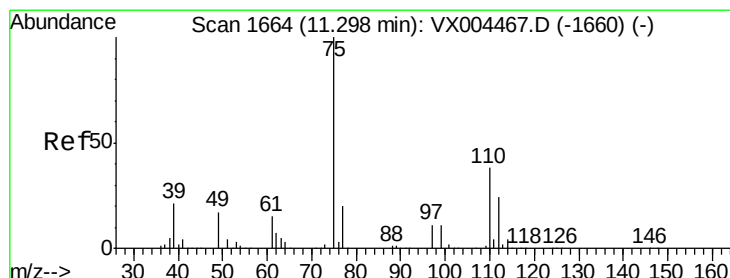
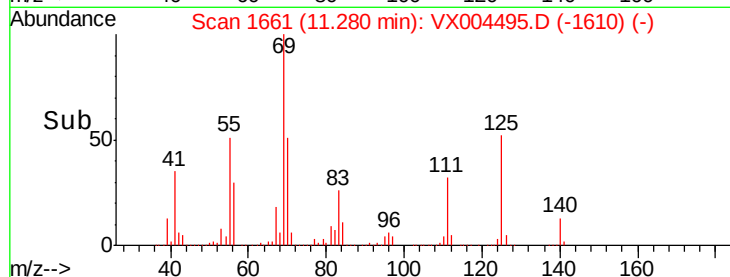
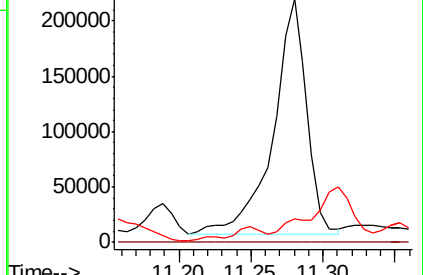
85 0.0 32.3 96.8#



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: 1.17 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: VX004495.D

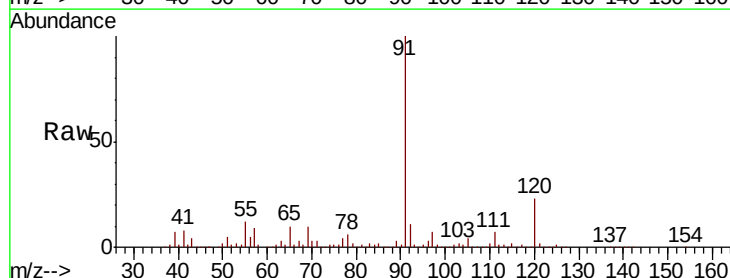
Acq: 12 Sep 2018 15:28

Tgt Ion: 75 Resp: 4817

Ion Ratio Lower Upper

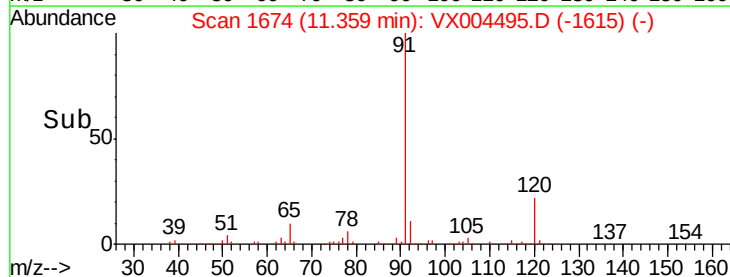
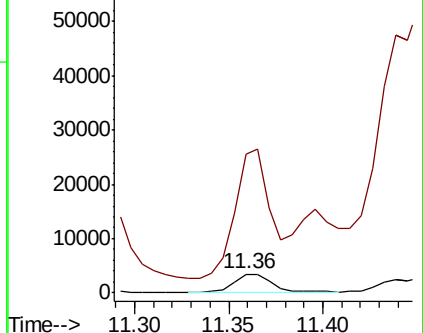
75 100

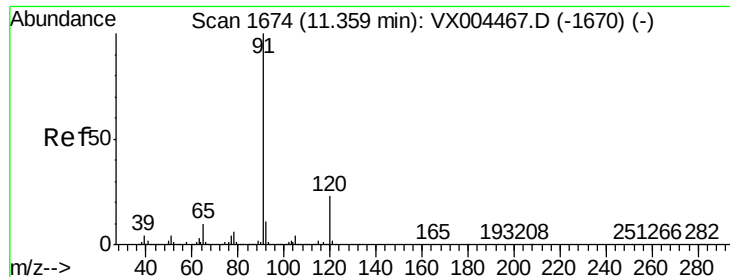
77 631.0 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 52.80 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

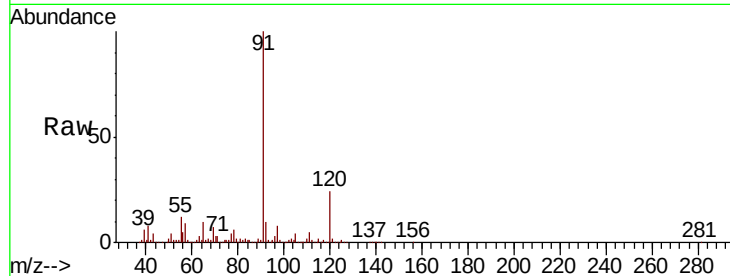
EP1-MW-B(4-8)

Tot Ion: 91 Resp: 820678

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

11.37

600000

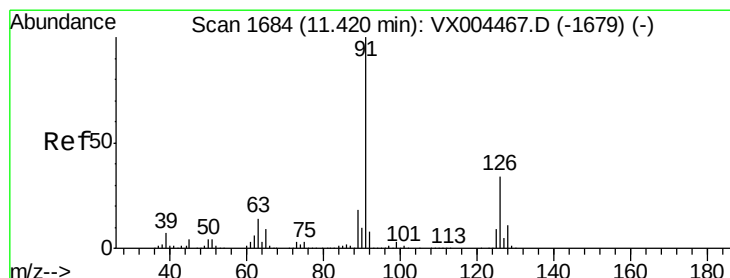
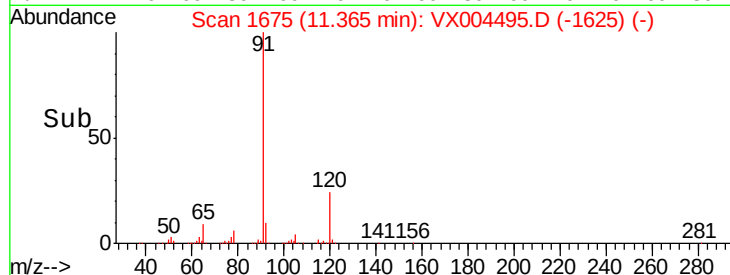
400000

200000

0

Time-->

11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 10.44 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VX004495.D

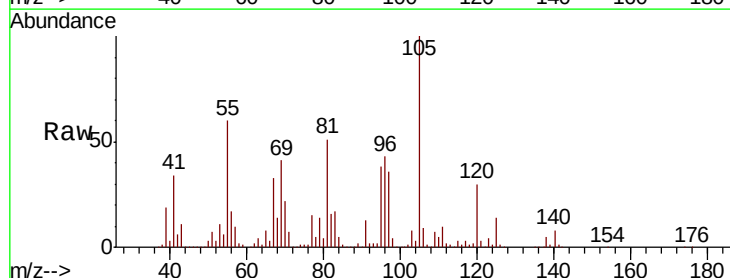
Acq: 12 Sep 2018 15:28

Tgt Ion: 91 Resp: 98400

Ion Ratio Lower Upper

91 100

126 6.8 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

400000

300000

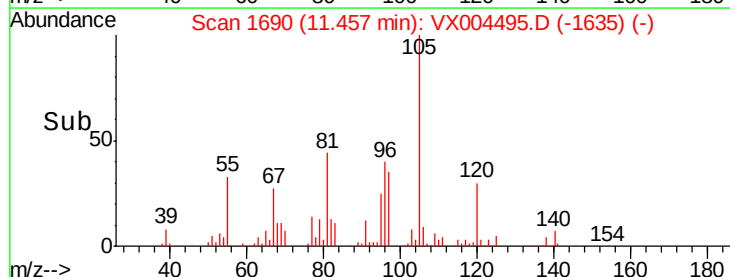
200000

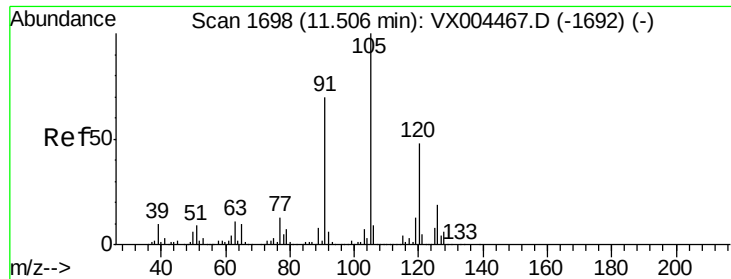
100000

0

Time-->

11.40 11.45





#80

1,3,5-Trimethylbenzene

Concen: 133.14 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

Instrument :

MSVOA_X

ClientSampled :

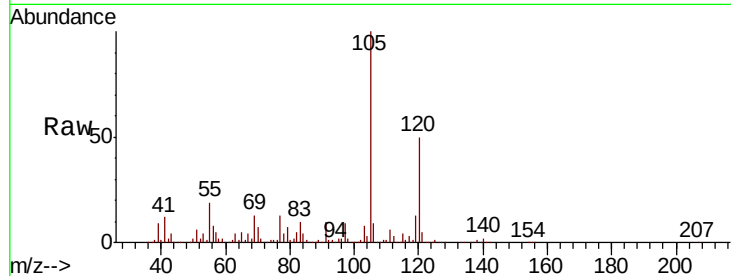
EP1-MW-B(4-8)

Tot Ion:105 Resp: 1513059

Ion Ratio Lower Upper

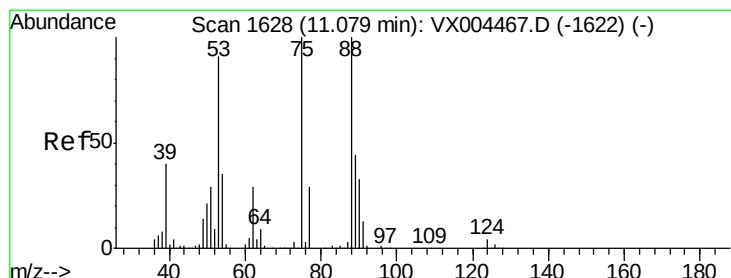
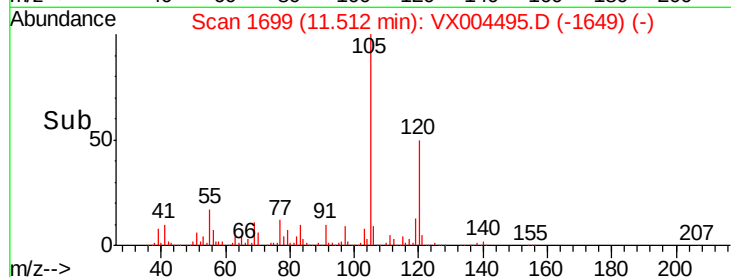
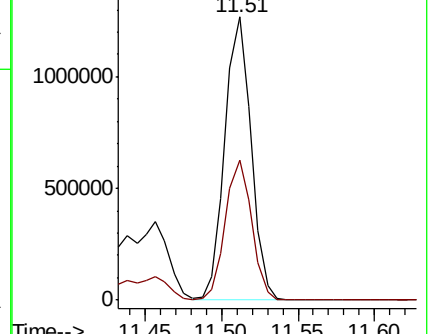
105 100

120 49.5 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 69.26 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

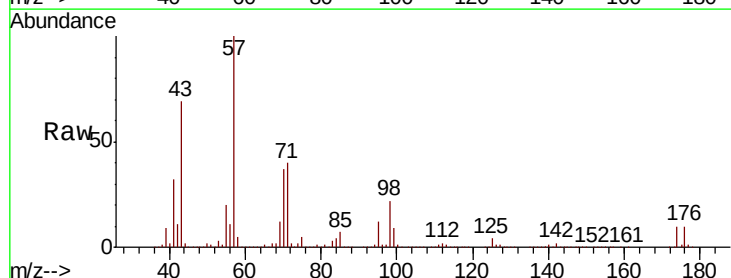
Tgt Ion: 75 Resp: 89731

Ion Ratio Lower Upper

75 100

53 58.3 80.1 120.1#

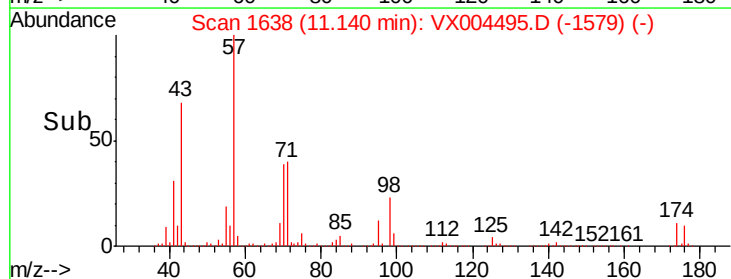
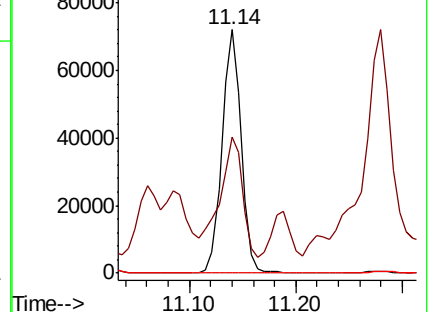
89 0.0 37.2 55.8#

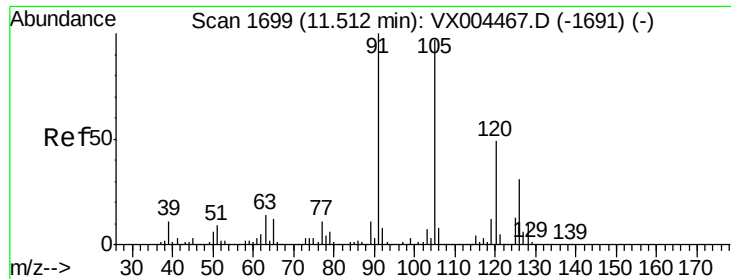


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

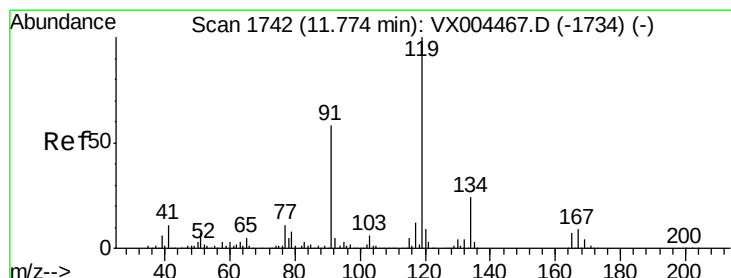
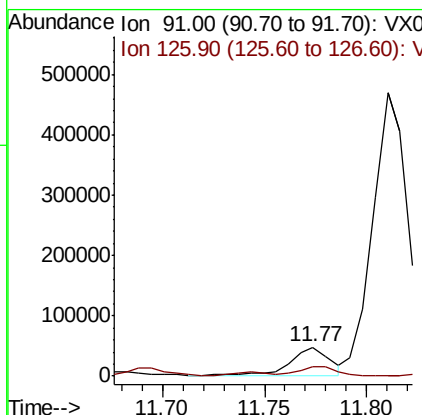
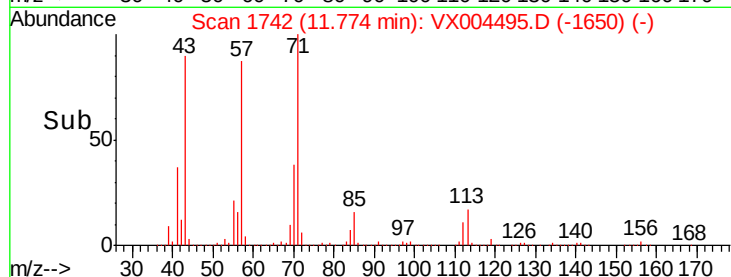
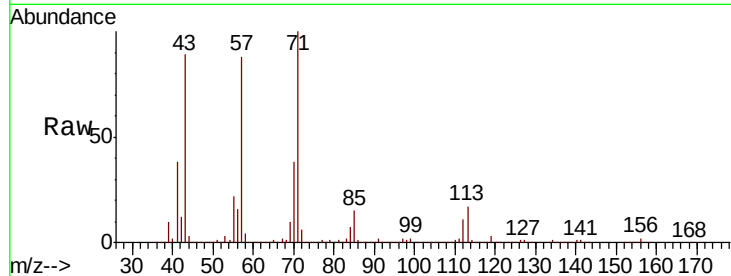




#82
4-Chlorotoluene
Concen: 5.44 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.26 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

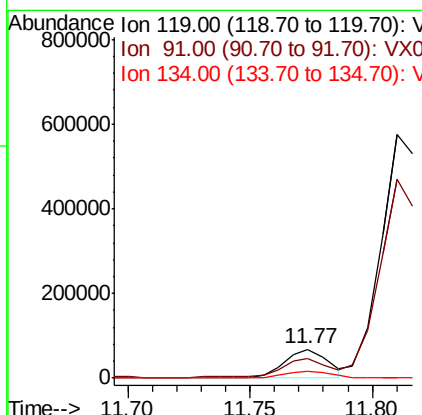
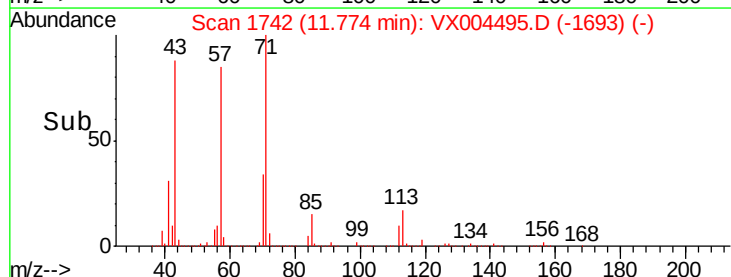
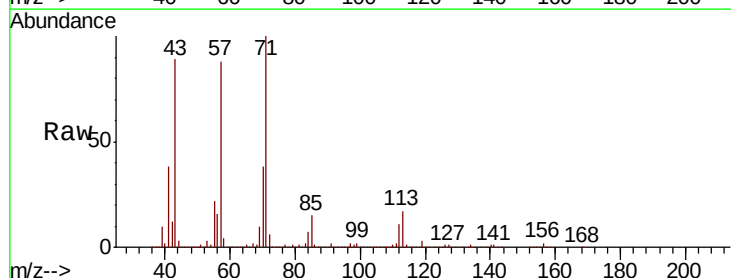
Instrument :
MSVOA_X
ClientSampled :
EP1-MW-B(4-8)

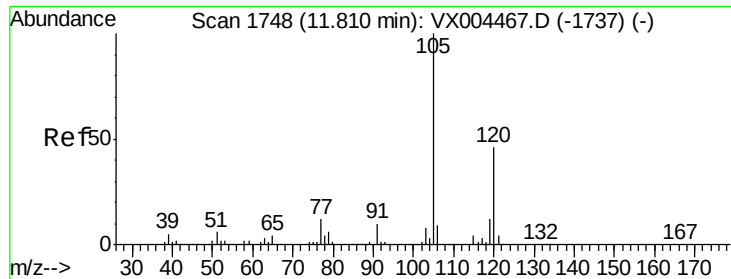
Tot Ion: 91 Resp: 59859
Ion Ratio Lower Upper
91 100
126 23.3 15.5 46.5



#83
tert-Butylbenzene
Concen: 7.64 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

Tgt Ion: 119 Resp: 82609
Ion Ratio Lower Upper
119 100
91 72.5 27.0 81.0
134 25.4 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 460.91 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

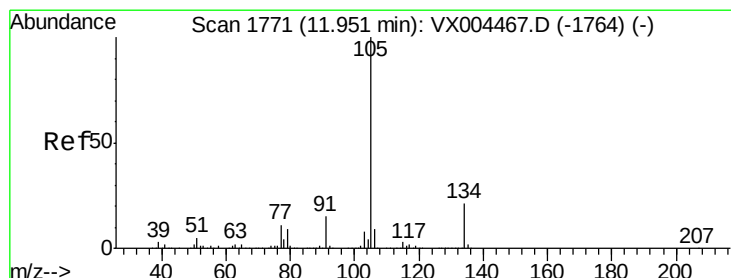
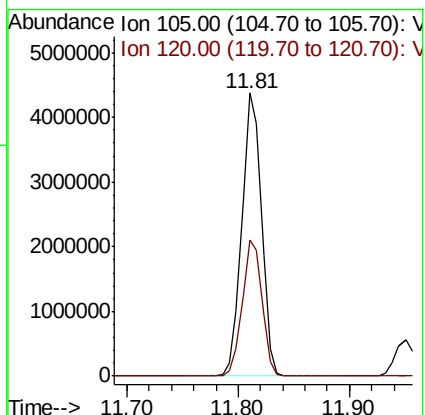
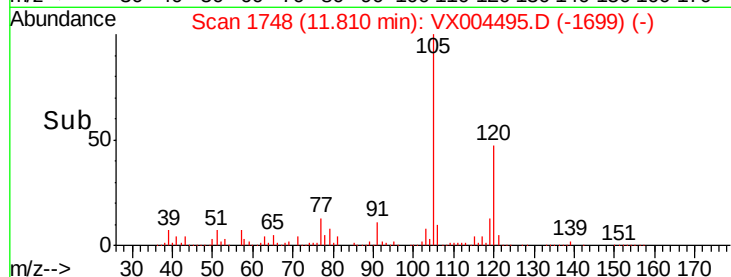
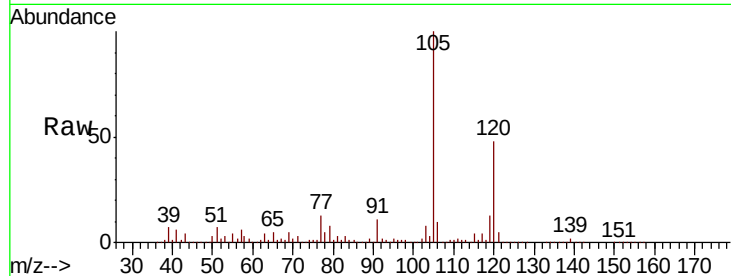
EP1-MW-B(4-8)

Tot Ion:105 Resp: 5347995

Ion Ratio Lower Upper

105 100

120 48.2 23.2 69.6



#85

sec-Butylbenzene

Concen: 49.82 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004495.D

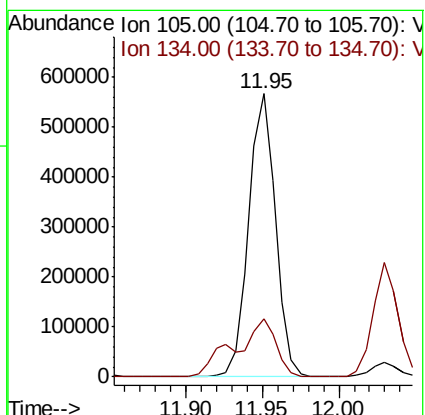
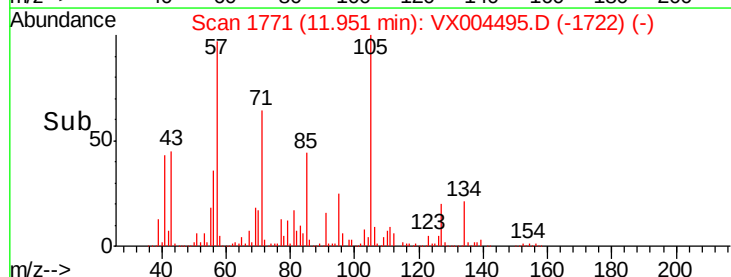
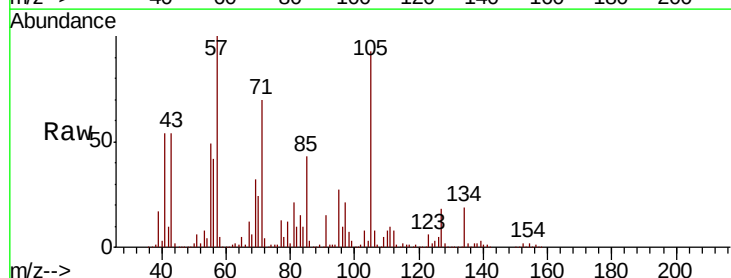
Acq: 12 Sep 2018 15:28

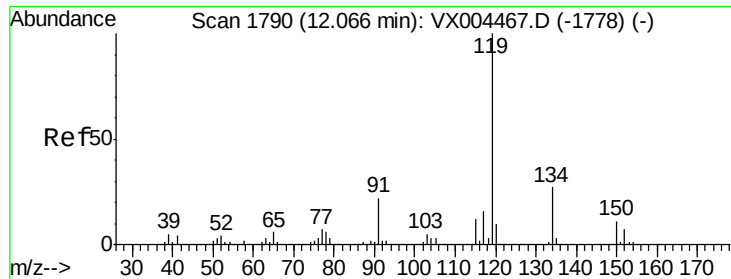
Tgt Ion:105 Resp: 686913

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5

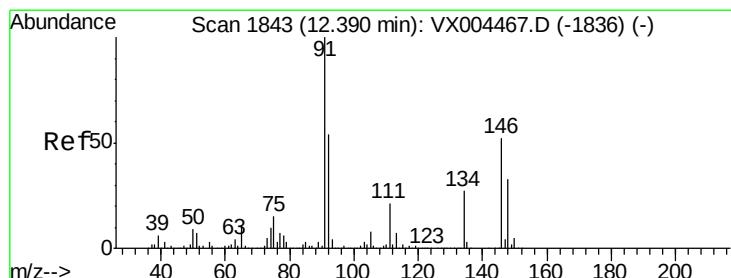
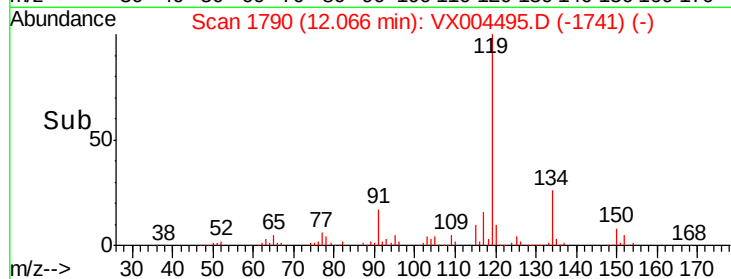
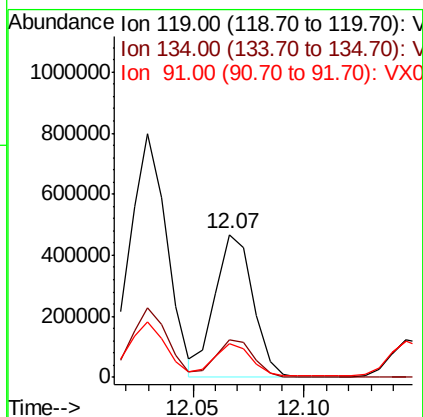
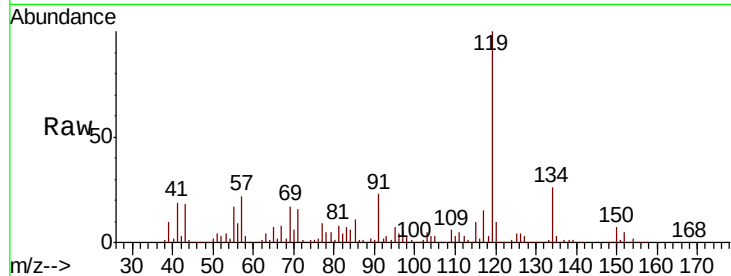




#86
 p-Isopropyltoluene
 Concen: 45.66 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004495.D
 Acq: 12 Sep 2018 15:28

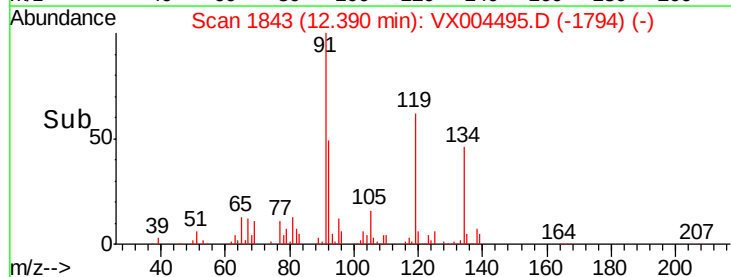
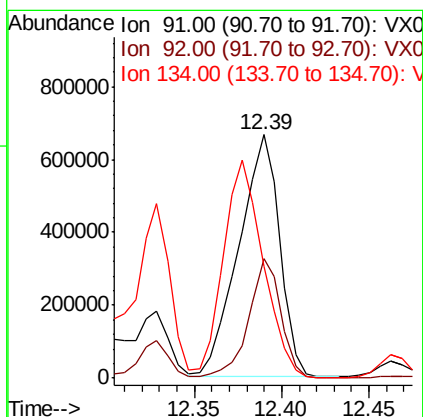
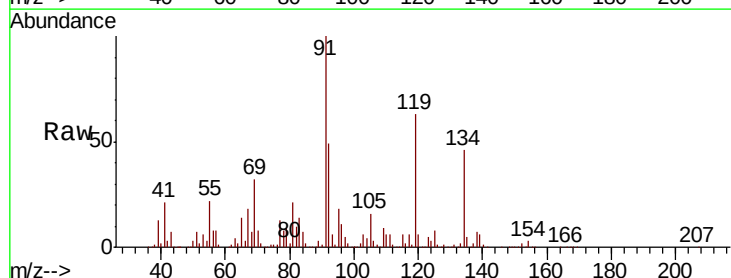
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-B(4-8)

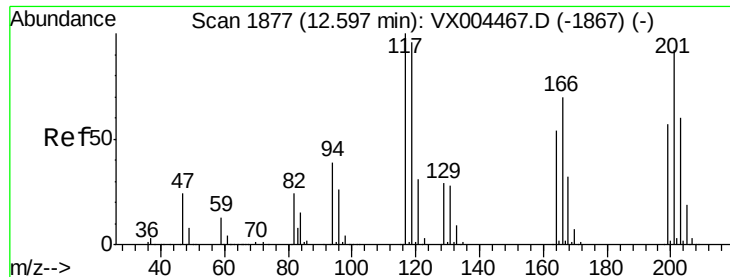
Tot Ion:119 Resp: 555973
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 21.8 10.9 32.7



#89
 n-Butylbenzene
 Concen: 96.62 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004495.D
 Acq: 12 Sep 2018 15:28

Tgt Ion: 91 Resp: 1071951
 Ion Ratio Lower Upper
 91 100
 92 39.0 27.3 81.9
 134 88.4 13.6 40.7#





#90

Hexachloroethane

Concen: 47.59 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

Instrument :

MSVOA_X

ClientSampled :

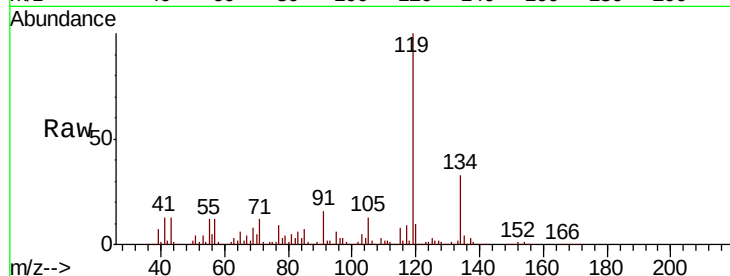
EP1-MW-B(4-8)

Tot Ion:117 Resp: 92765

Ion Ratio Lower Upper

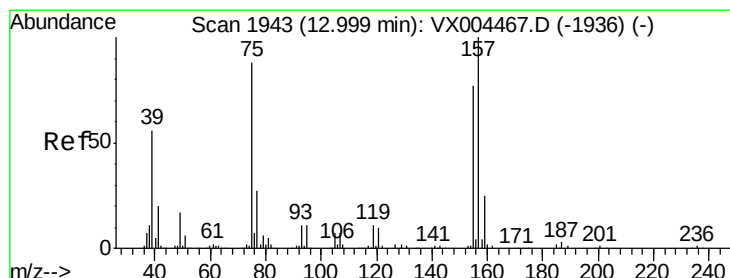
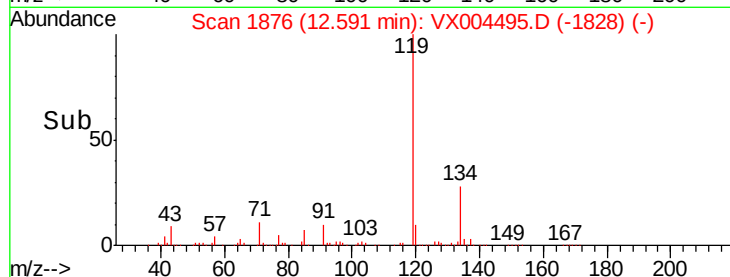
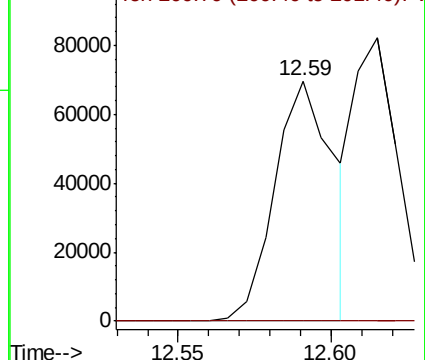
117 100

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: 5.45 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX004495.D

Acq: 12 Sep 2018 15:28

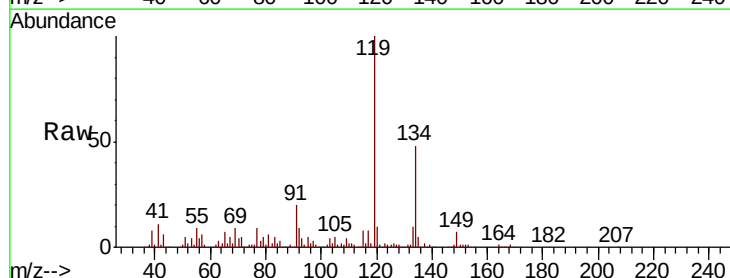
Tgt Ion: 75 Resp: 5077

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

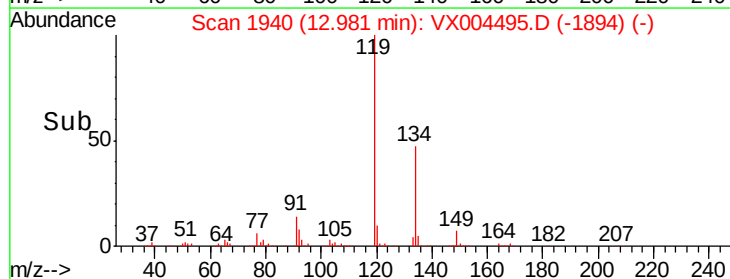
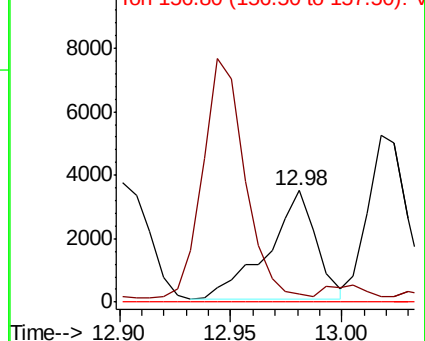
157 0.0 61.4 184.1#

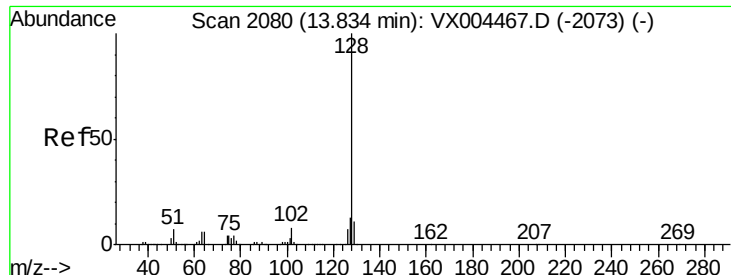


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

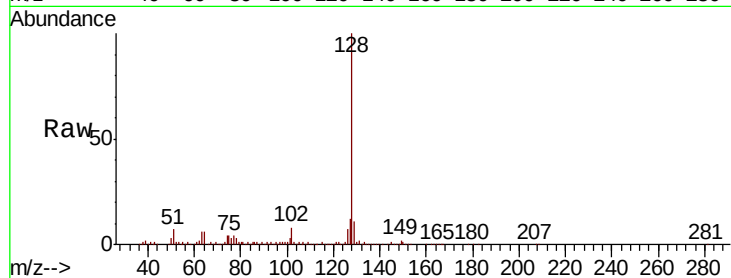




#95
Naphthalene
Concen: 15.65 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004495.D
Acq: 12 Sep 2018 15:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-B(4-8)

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	12.8	8.6	12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

