

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080819\
 Data File : VX011393.D
 Acq On : 08 Aug 2019 17:07
 Operator : JC/SP
 Sample : K4251-01 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-J-0819

Quant Time: Aug 09 04:25:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	90452	57.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.16%	
35) Dibromofluoromethane	5.49	113	84389	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.71	98	319147	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	115139	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds					Qvalue	
3) Chloromethane	1.31	50	363	0.266 ug/l	#	1
5) Bromomethane	1.65	94	383	0.358 ug/l		95
6) Chloroethane	1.71	64	166	Below Cal	#	79
11) Tert butyl alcohol	3.03	59	5412	17.149 ug/l	#	93
13) Acrolein	2.28	56	31	Below Cal	#	1
16) Acetone	2.43	43	1169	1.550 ug/l		91
18) Methyl Acetate	2.78	43	498	0.289 ug/l	#	83
20) Methylene Chloride	2.85	84	574	0.348 ug/l	#	49
30) Chloroform	5.20	83	1137	0.423 ug/l		84
36) 1,1-Dichloropropene	5.65	75	10872	4.852 ug/l	#	49
38) Carbon Tetrachloride	5.65	117	14843	6.584 ug/l	#	15
39) Methylcyclohexane	7.46	83	1116	0.420 ug/l	#	71
49) 1,4-Dioxane	7.73	88	19	0.388 ug/l	#	1
53) t-1,3-Dichloropropene	9.02	75	20	2.846 ug/l	#	43
55) 1,1,2-Trichloroethane	9.16	97	616	0.339 ug/l	#	16
59) 2-Hexanone	9.54	43	515	0.287 ug/l		74
60) Dibromochloromethane	9.33	129	502	0.270 ug/l	#	10
64) Tetrachloroethene	9.33	164	571	0.273 ug/l		95
67) Ethyl Benzene	10.25	91	48352	5.458 ug/l		99
68) m/p-Xylenes	10.35	106	21366	6.235 ug/l		97
73) Isopropylbenzene	11.01	105	64949	7.792 ug/l		100
74) N-amyl acetate	10.91	43	5237	1.739 ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	3403	1.225 ug/l	#	26
76) 1,2,3-Trichloropropane	11.13	75	57898	26.087 ug/l	#	35
78) n-propylbenzene	11.35	91	134804	14.543 ug/l		99
79) 2-Chlorotoluene	11.45	91	20593	3.727 ug/l	#	38
80) 1,3,5-Trimethylbenzene	11.50	105	135737	19.454 ug/l		99
81) trans-1,4-Dichloro-2-buten	11.13	75	57898	67.880 ug/l	#	11
82) 4-Chlorotoluene	11.50	91	14237	2.211 ug/l	#	44
83) tert-Butylbenzene	11.77	119	7128	1.042 ug/l		89
84) 1,2,4-Trimethylbenzene	11.80	105	991030	142.661 ug/l		100
85) sec-Butylbenzene	11.94	105	36509	4.441 ug/l		100
86) p-Isopropyltoluene	12.06	119	34465	4.557 ug/l		98
89) n-Butylbenzene	12.38	91	31375	4.815 ug/l	#	46

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Response via : Initial Calibration

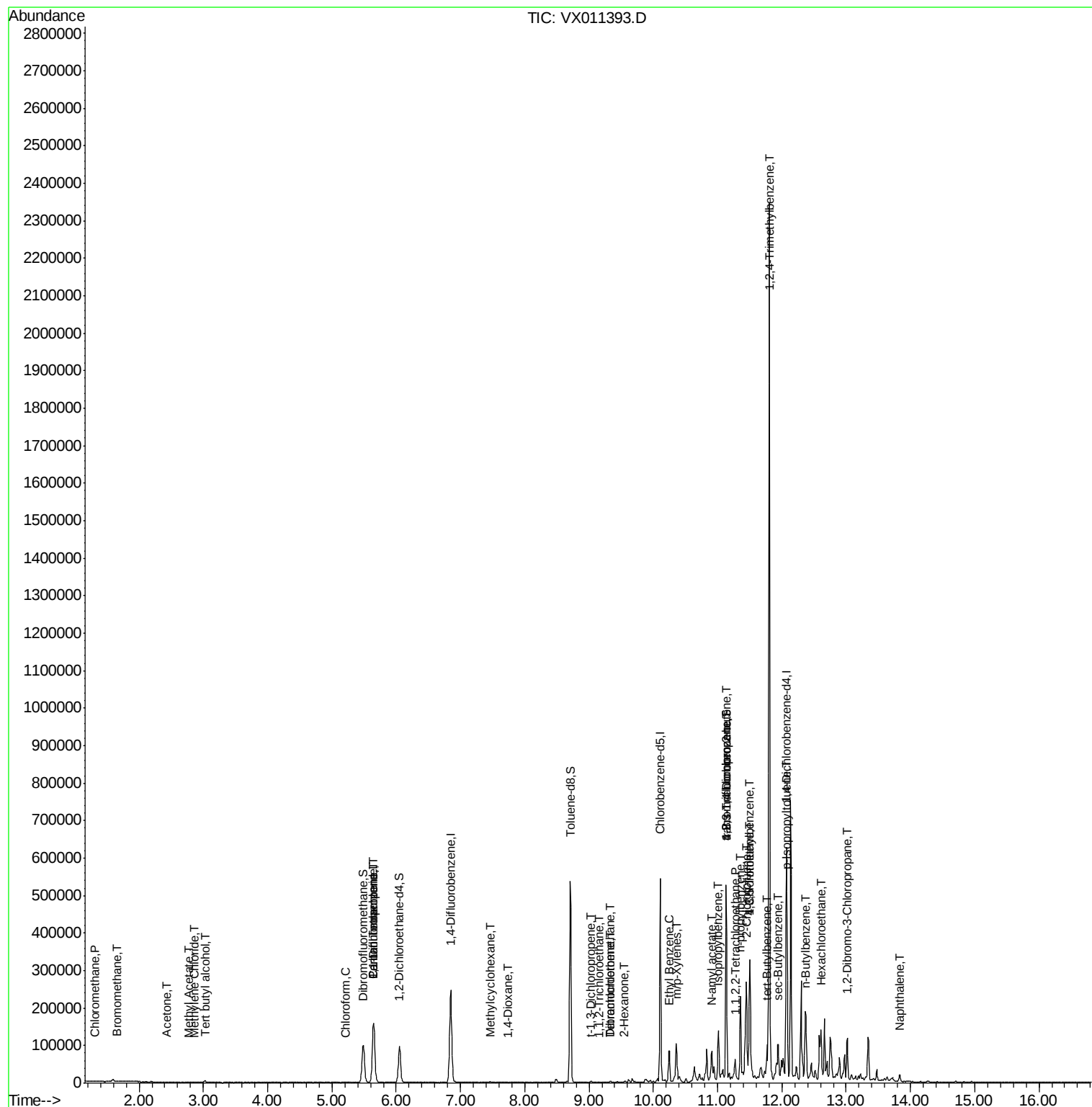
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.61	117	4255	3.805	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	13.02	75	484	0.899	ug/l #	1
95) Naphthalene	13.83	128	11665	1.466	ug/l	95

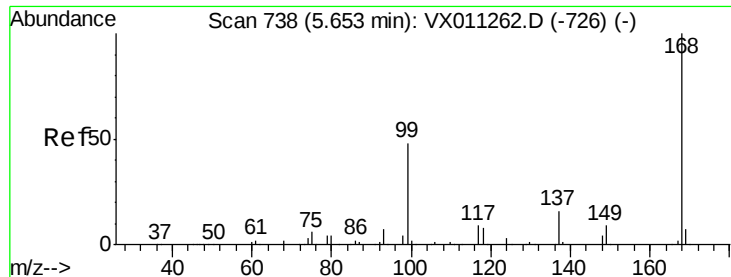
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

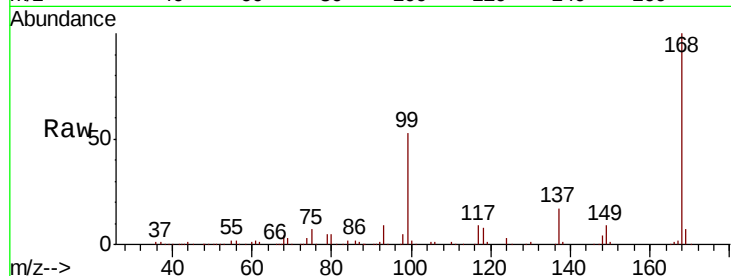
EP1-MW-J-0819

Tgt Ion:168 Resp: 157346

Ion Ratio Lower Upper

168 100

99 53.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

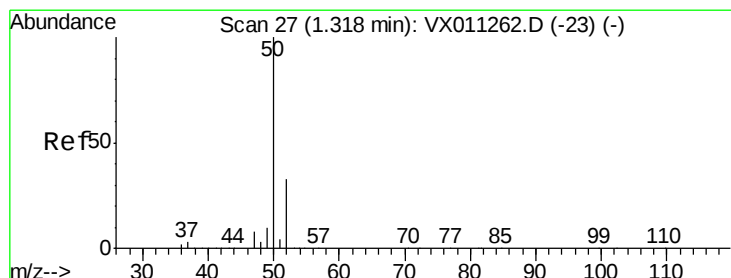
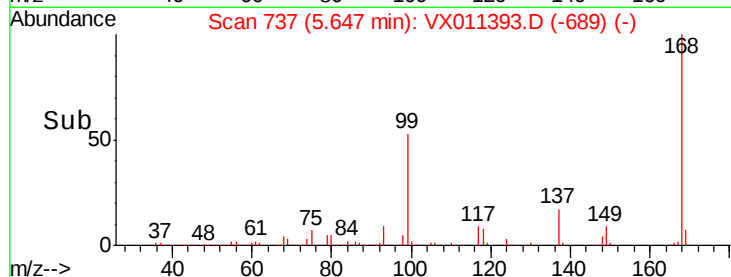
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.266 ug/l

RT: 1.31 min Scan# 26

Delta R.T. -0.01 min

Lab File: VX011393.D

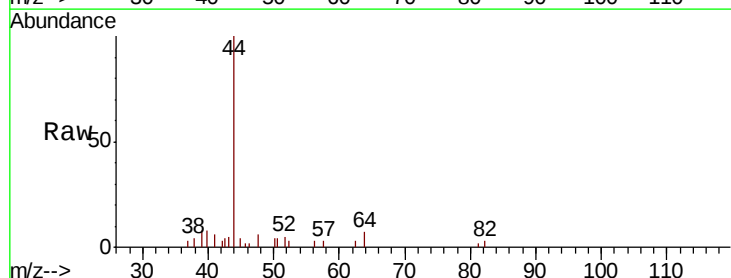
Acq: 08 Aug 2019 17:07

Tgt Ion: 50 Resp: 363

Ion Ratio Lower Upper

50 100

52 91.6 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200

150

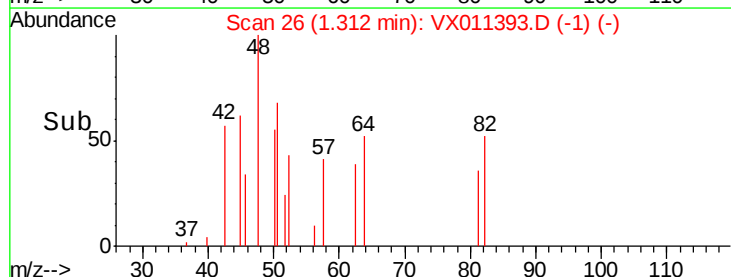
100

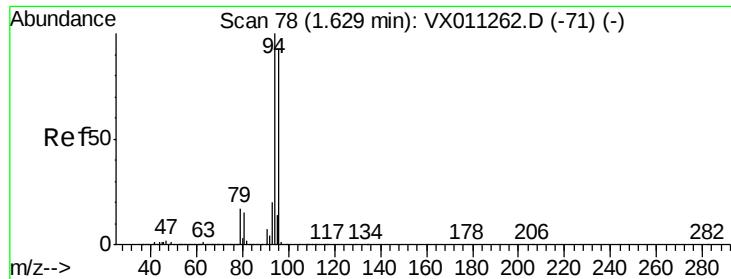
50

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.358 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

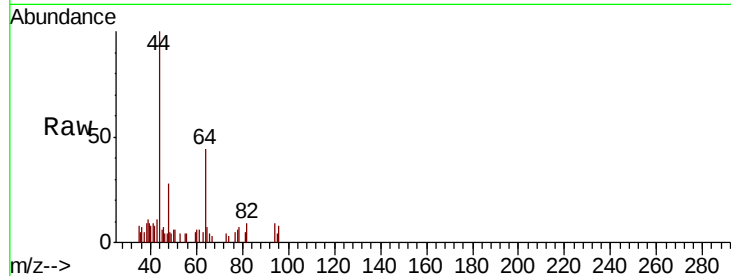
EP1-MW-J-0819

Tgt Ion: 94 Resp: 383

Ion Ratio Lower Upper

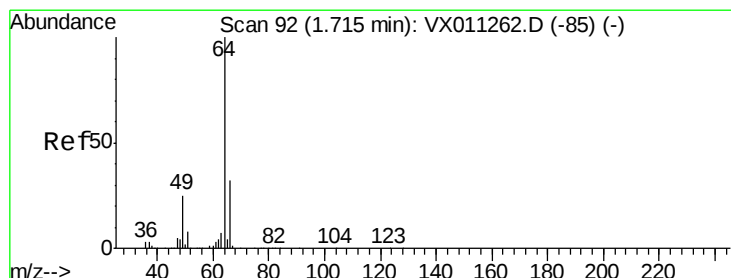
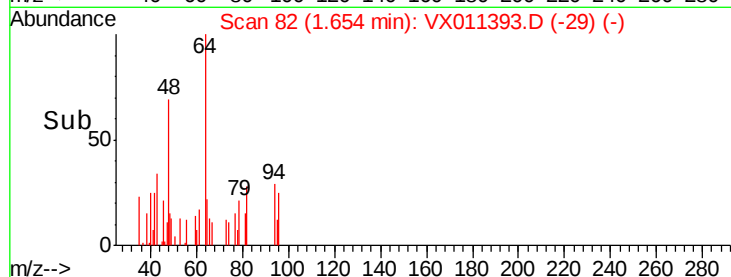
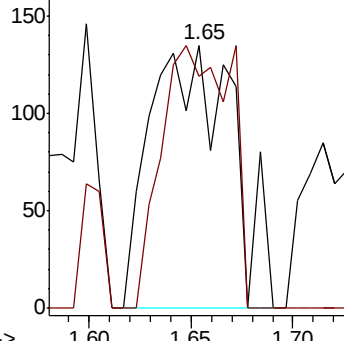
94 100

96 88.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011393.D

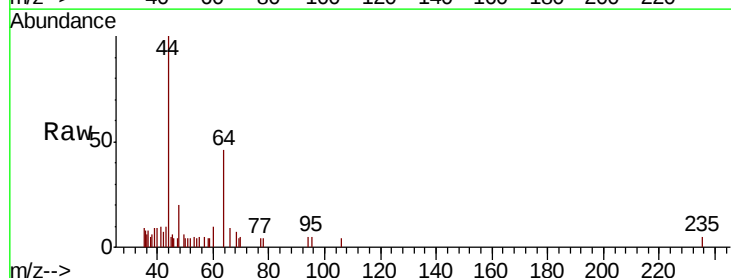
Acq: 08 Aug 2019 17:07

Tgt Ion: 64 Resp: 166

Ion Ratio Lower Upper

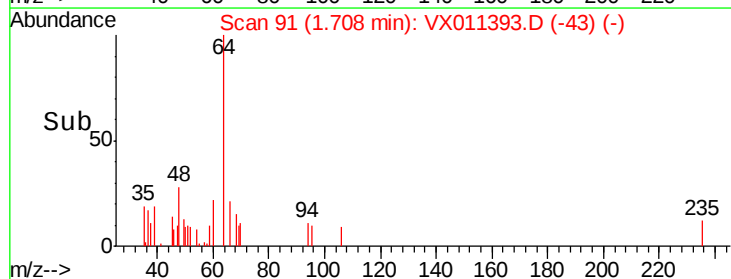
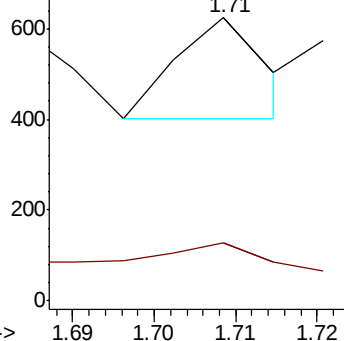
64 100

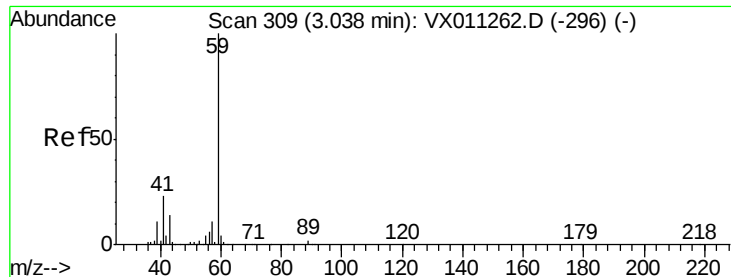
66 19.8 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



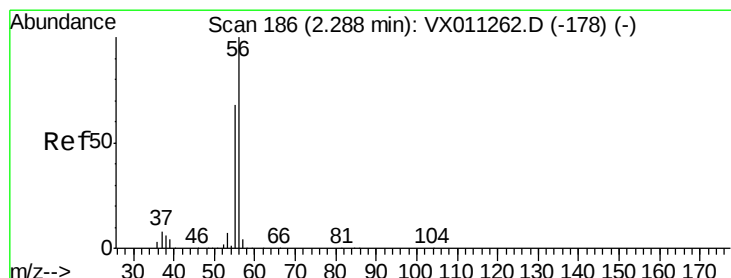
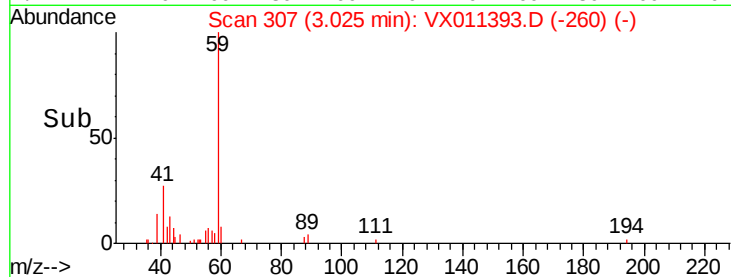
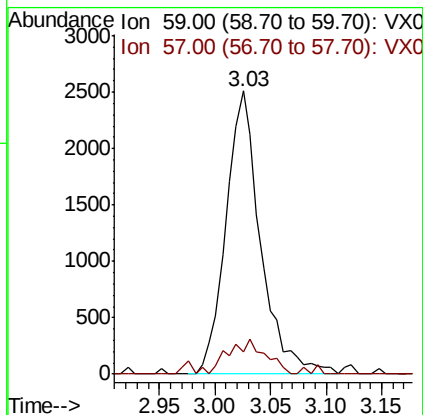
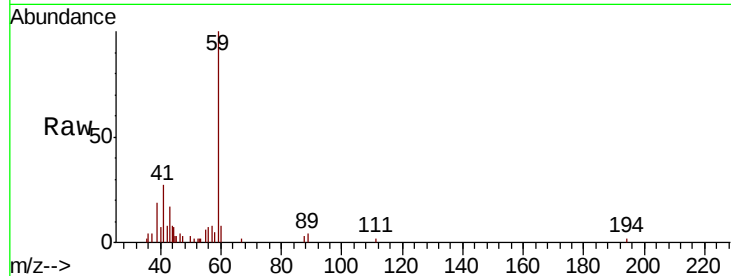


#11

Tert butyl alcohol
 Concen: 17.149 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.01 min
 Lab File: VX011393.D
 Acq: 08 Aug 2019 17:07

Instrument :
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 ClientSampleId :
 EP1-MW-J-0819

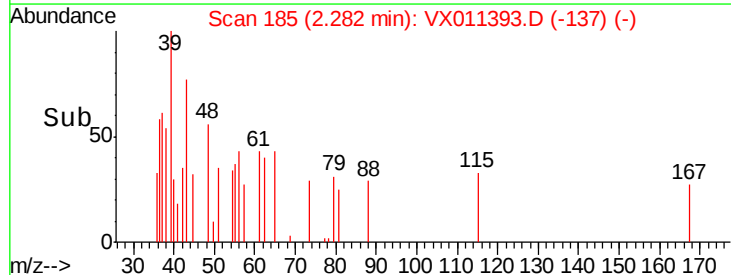
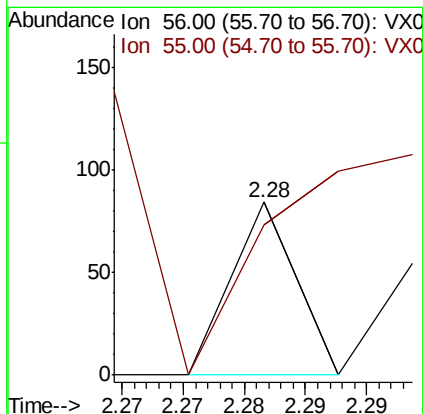
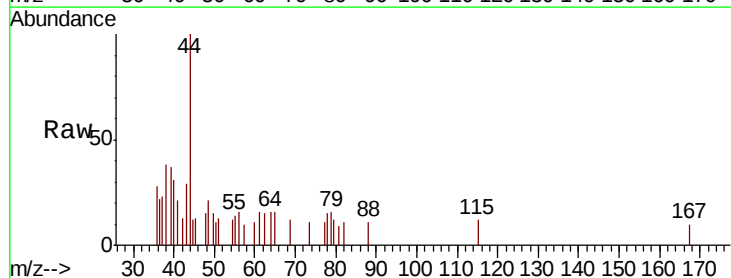
Tgt Ion: 59 Resp: 5412
 Ion Ratio Lower Upper
 59 100
 57 13.2 8.3 12.5#

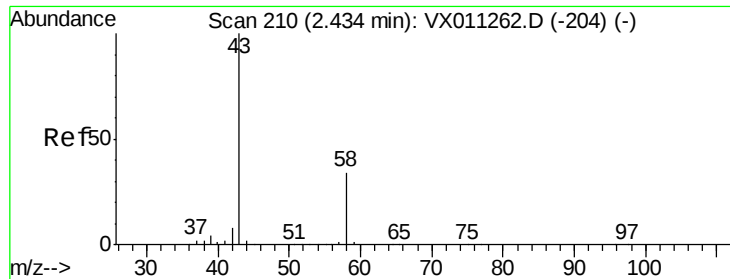


#13

Acrolein
 Concen: Below Cal
 RT: 2.28 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VX011393.D
 Acq: 08 Aug 2019 17:07

Tgt Ion: 56 Resp: 31
 Ion Ratio Lower Upper
 56 100
 55 416.1 56.0 84.0#





#16

Acetone

Concen: 1.550 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

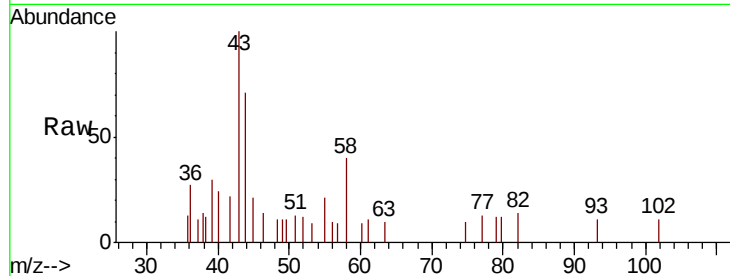
EP1-MW-J-0819

Tgt Ion: 43 Resp: 1169

Ion Ratio Lower Upper

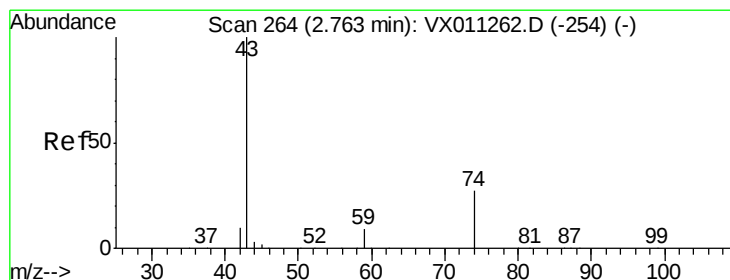
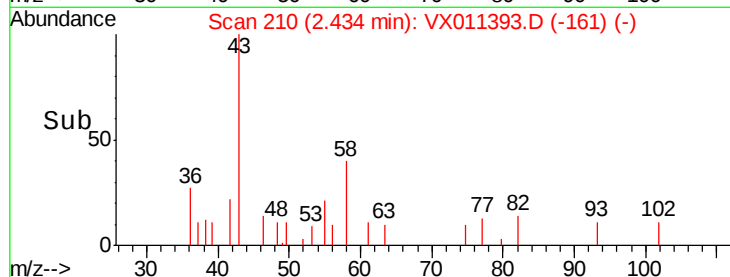
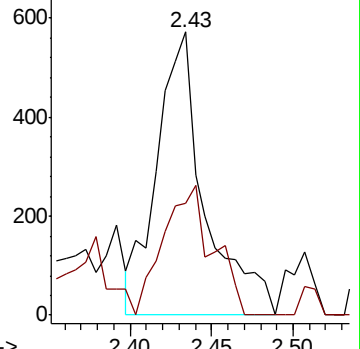
43 100

58 39.5 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.289 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX011393.D

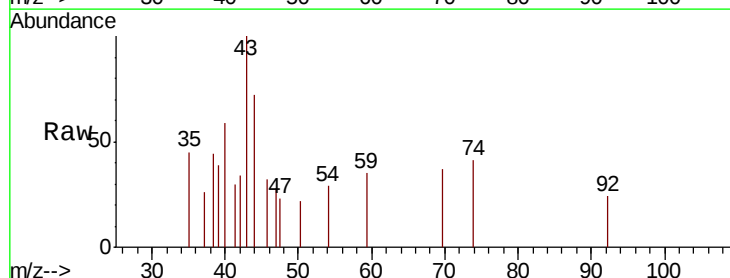
Acq: 08 Aug 2019 17:07

Tgt Ion: 43 Resp: 498

Ion Ratio Lower Upper

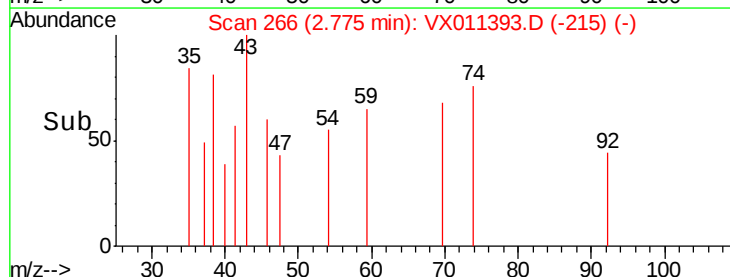
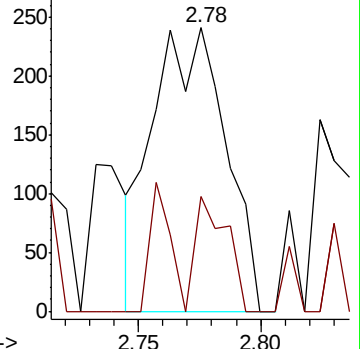
43 100

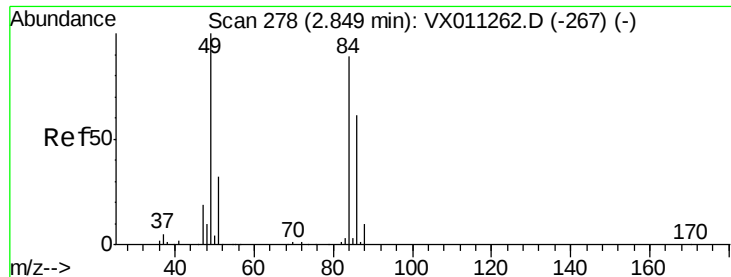
74 17.7 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

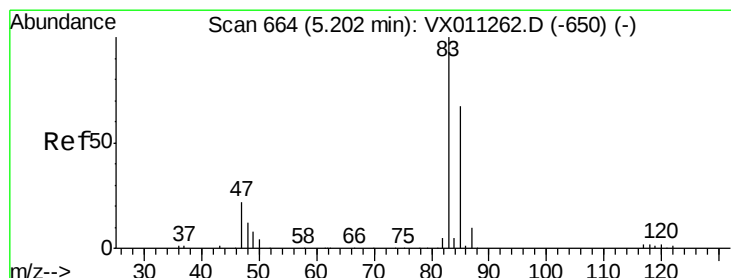
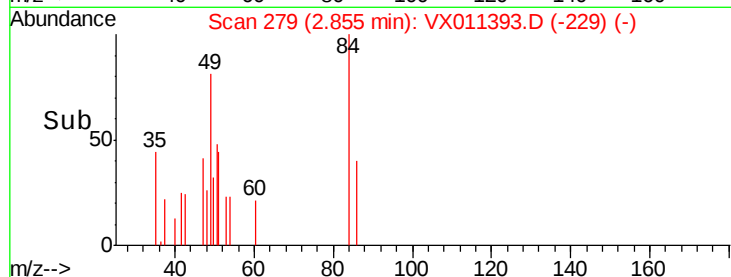
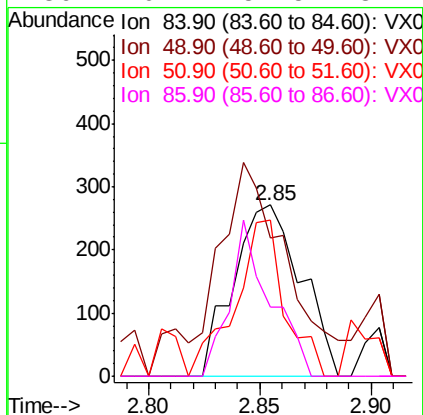
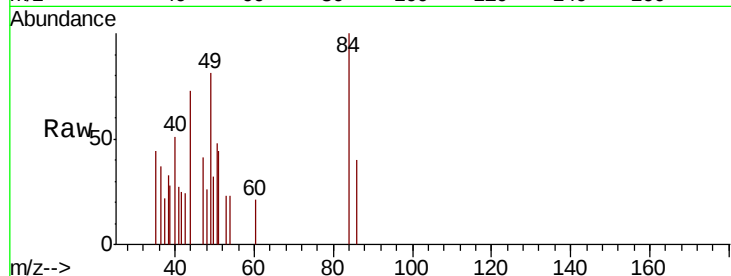




#20
Methylene Chloride
Concen: 0.348 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

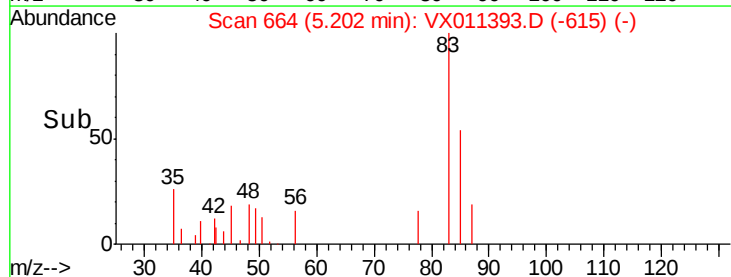
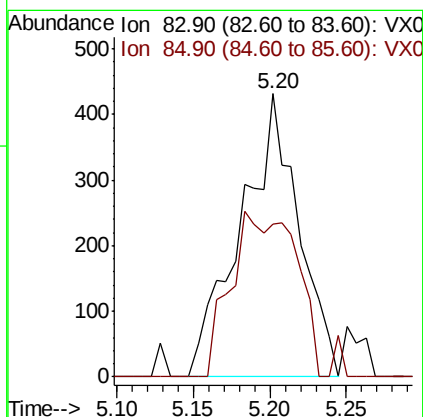
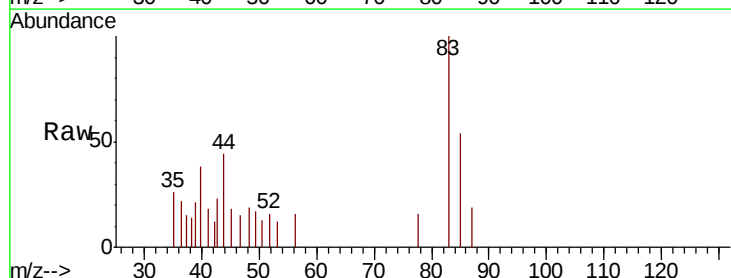
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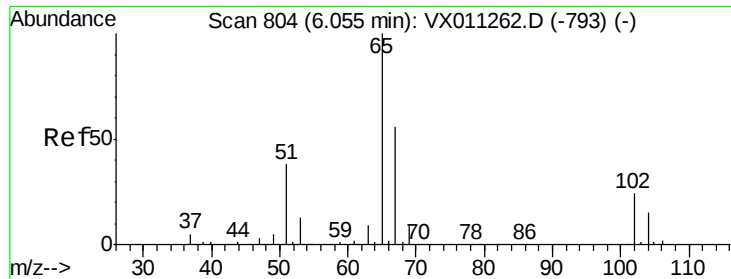
Tgt Ion: 84 Resp: 574
Ion Ratio Lower Upper
84 100
49 61.6 89.3 133.9#
51 91.5 28.3 42.5#
86 40.2 54.5 81.7#



#30
Chloroform
Concen: 0.423 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

Tgt Ion: 83 Resp: 1137
Ion Ratio Lower Upper
83 100
85 54.2 53.4 80.0

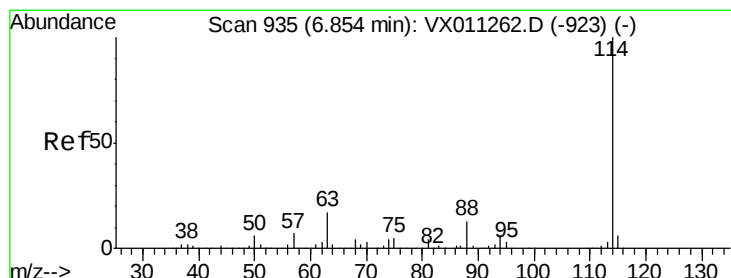
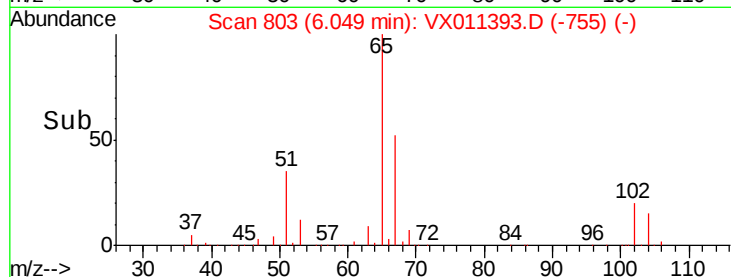
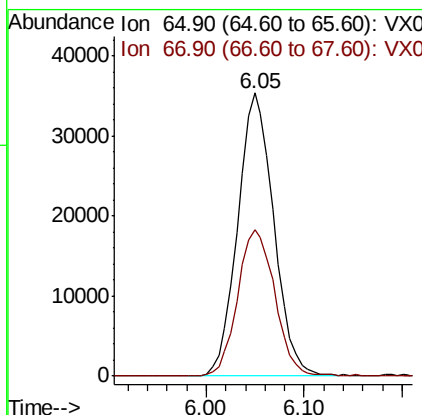
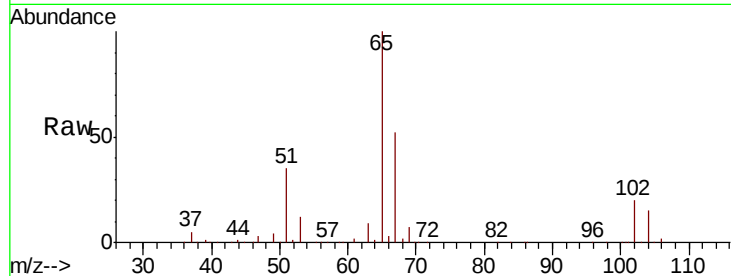




#33
 1,2-Dichloroethane-d4
 Concen: 57.083 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX011393.D
 Acq: 08 Aug 2019 17:07

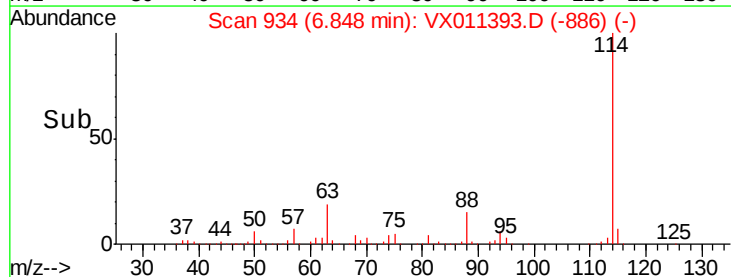
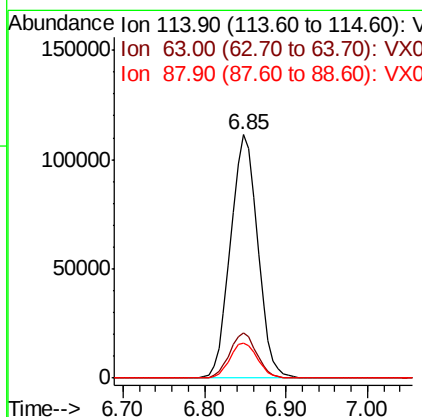
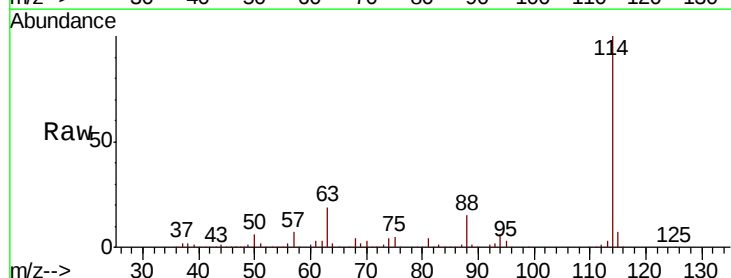
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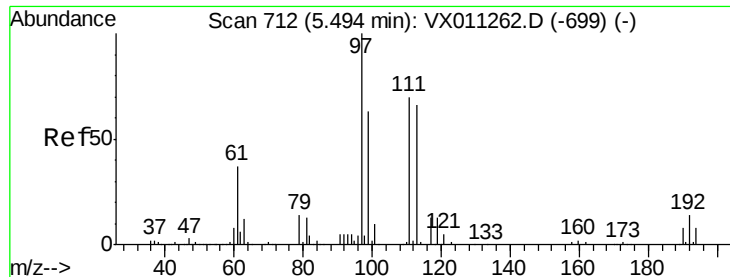
Tgt Ion: 65 Resp: 90452
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011393.D
 Acq: 08 Aug 2019 17:07

Tgt Ion: 114 Resp: 256644
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.0
 88 14.6 0.0 26.4





#35

Dibromofluoromethane

Concen: 50.364 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-J-0819

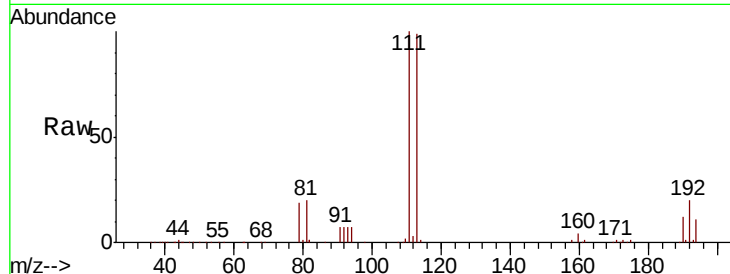
Tgt Ion:113 Resp: 84389

Ion Ratio Lower Upper

113 100

111 101.1 81.9 122.9

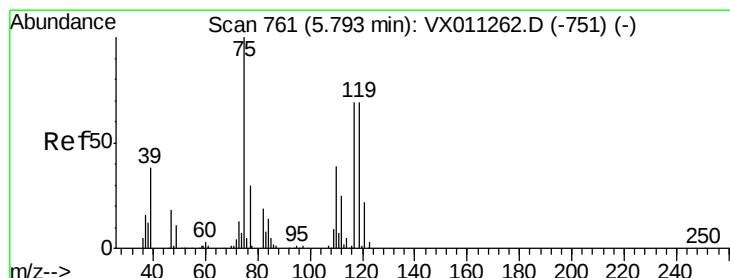
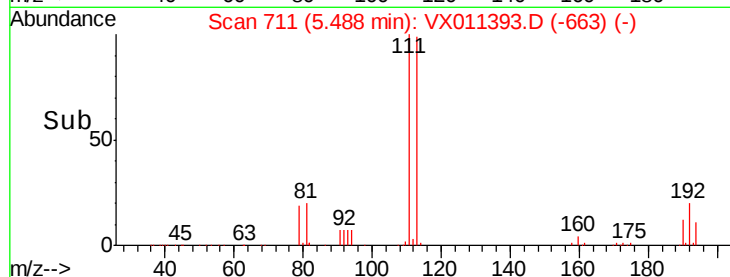
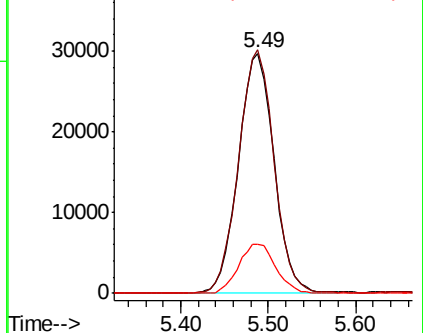
192 21.3 17.8 26.8



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: 4.852 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.15 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

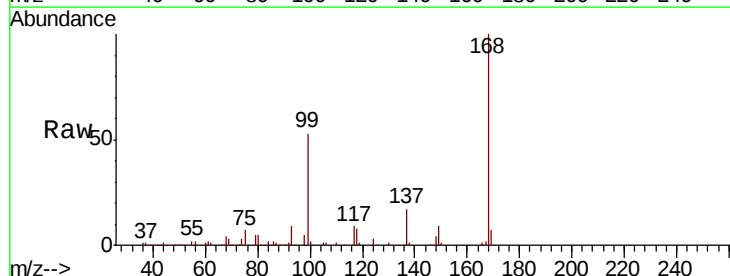
Tgt Ion: 75 Resp: 10872

Ion Ratio Lower Upper

75 100

110 10.3 20.0 59.9#

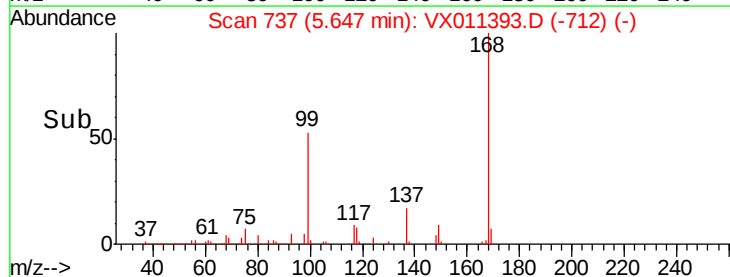
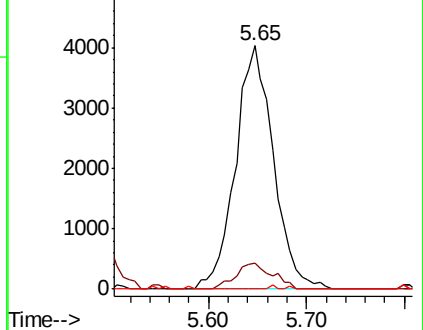
77 0.3 24.8 37.2#

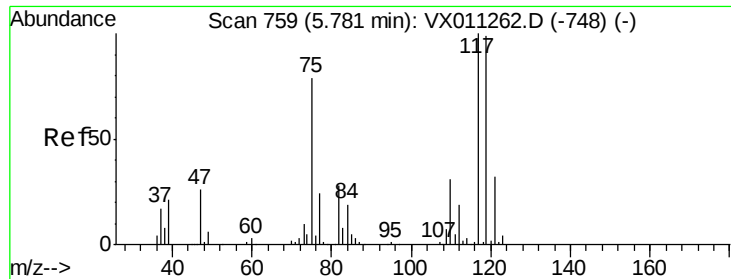


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.584 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.13 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-J-0819

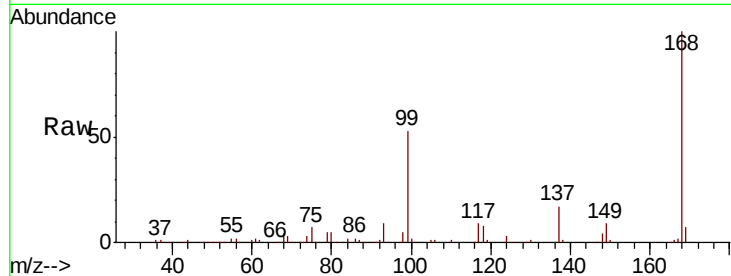
Tgt Ion:117 Resp: 14843

Ion Ratio Lower Upper

117 100

119 6.1 79.0 118.4#

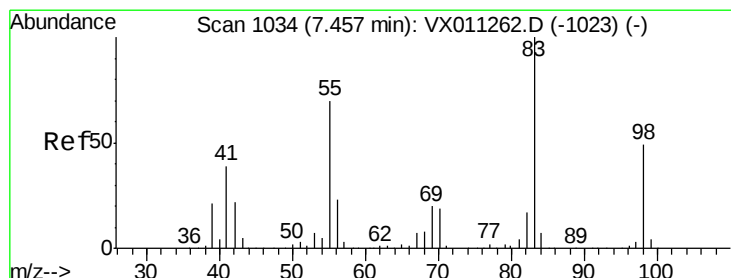
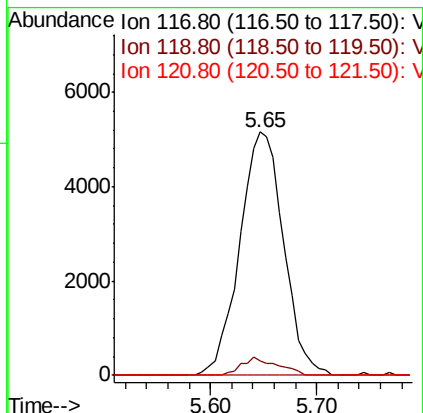
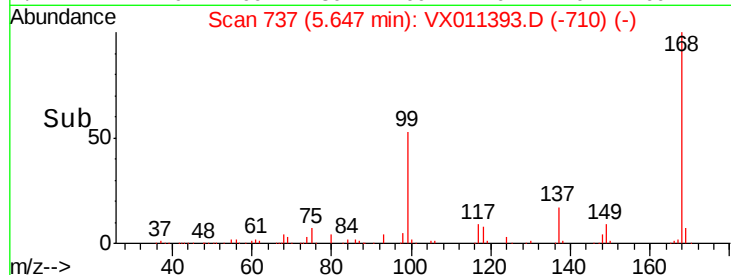
121 0.0 25.9 38.9#



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: 0.420 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

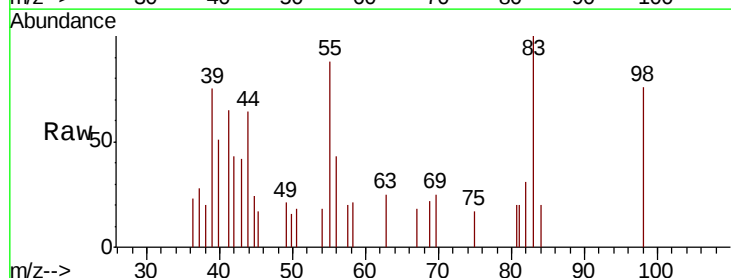
Tgt Ion: 83 Resp: 1116

Ion Ratio Lower Upper

83 100

55 88.3 56.1 84.1#

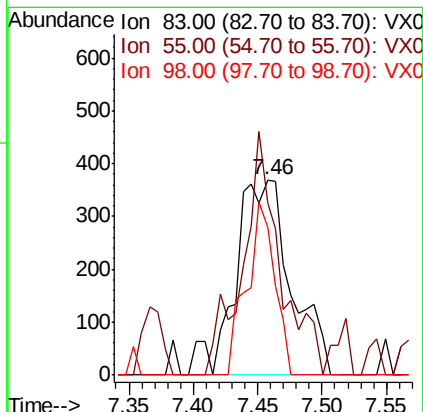
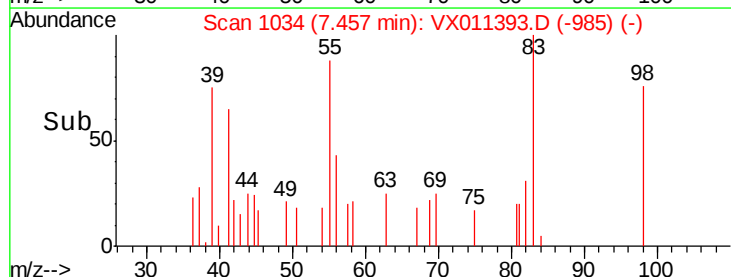
98 75.6 39.0 58.4#

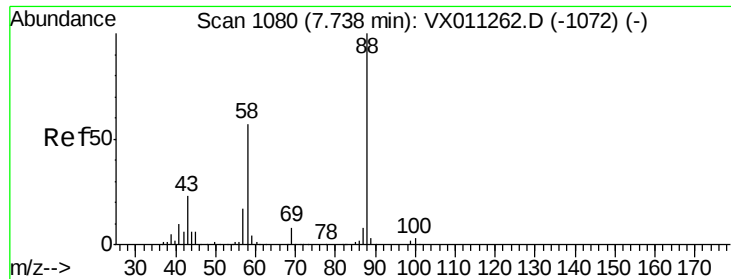


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

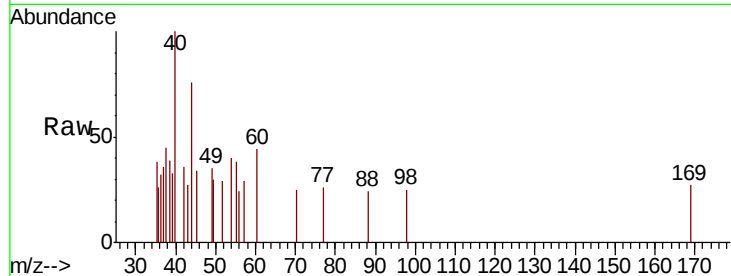




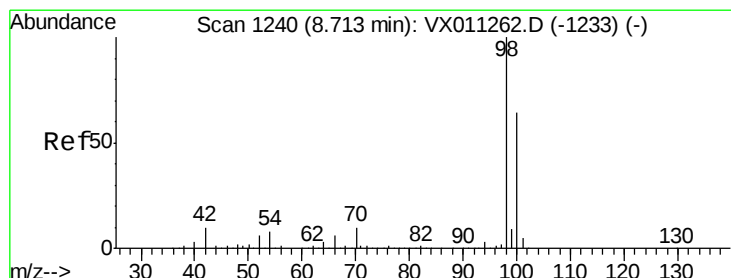
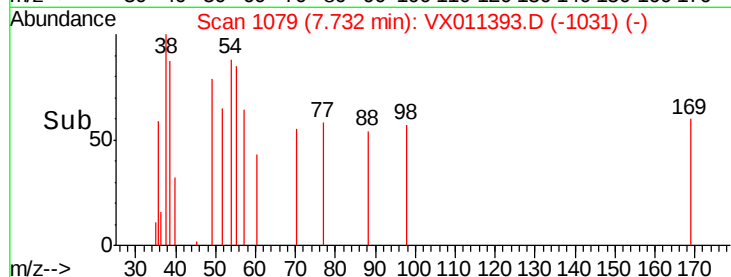
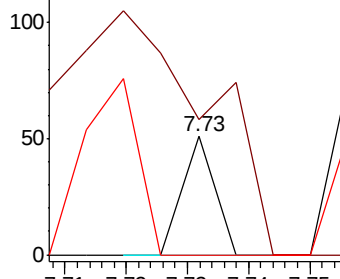
#49
1,4-Dioxane
Concen: 0.388 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-J-0819

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 931.6 22.2 33.2#
58 252.6 47.8 71.8#

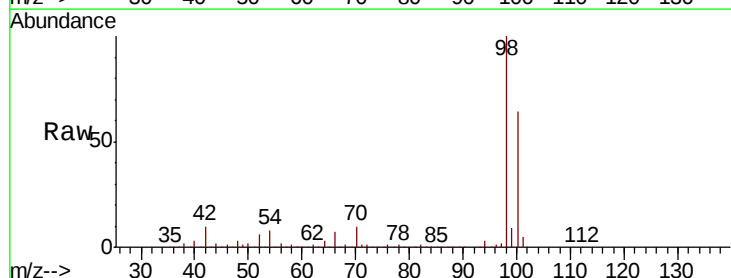


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

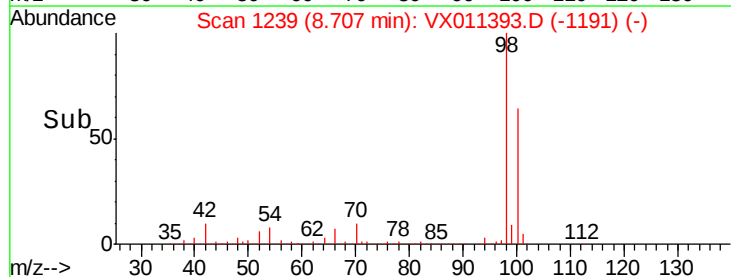
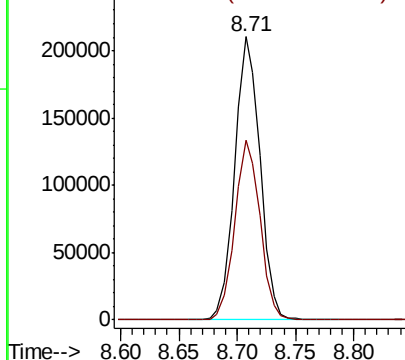


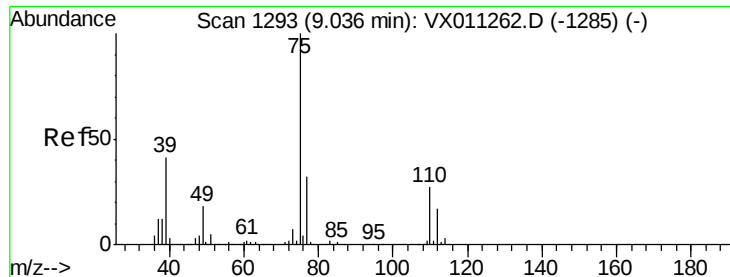
#50
Toluene-d8
Concen: 50.460 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

Tgt Ion: 98 Resp: 319147
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



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

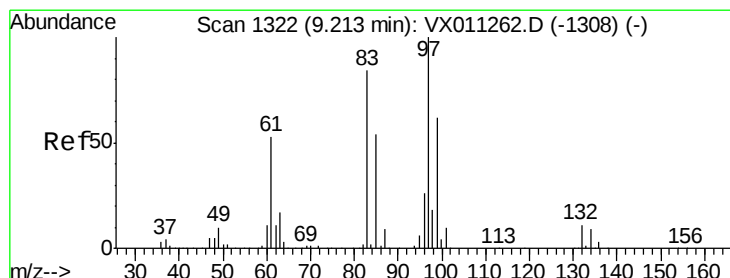
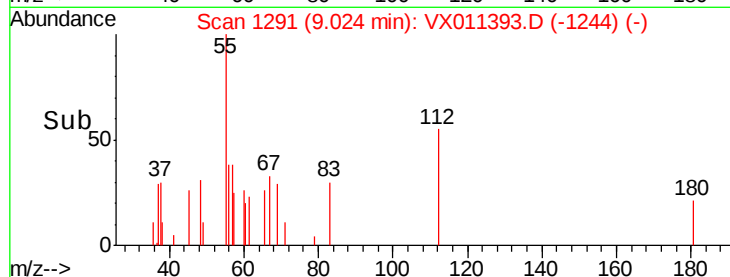
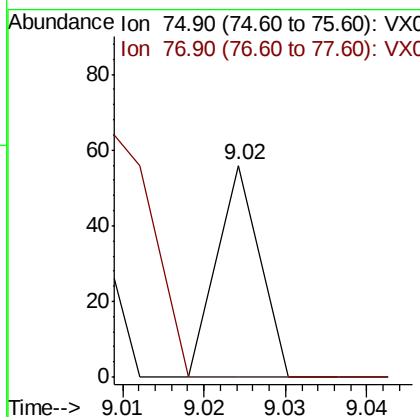
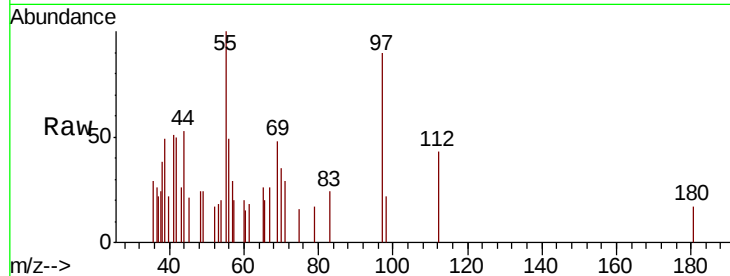




#53
t-1,3-Dichloropropene
Concen: 2.846 ug/l
RT: 9.02 min Scan# 1291
Delta R.T. -0.01 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

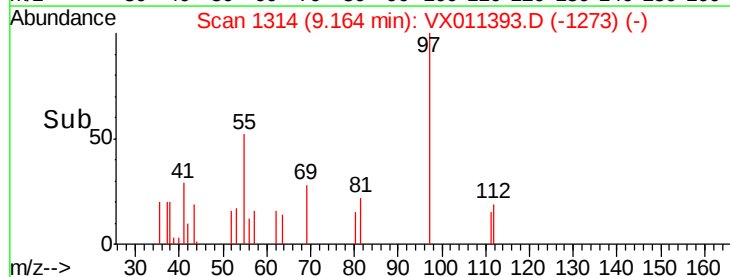
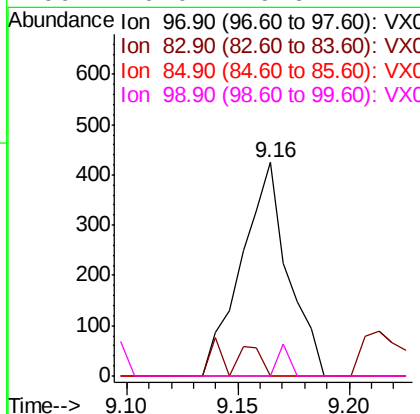
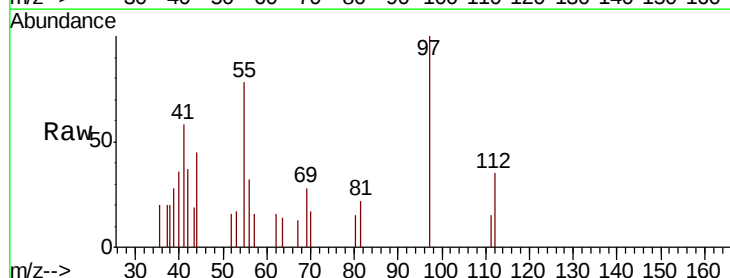
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-J-0819

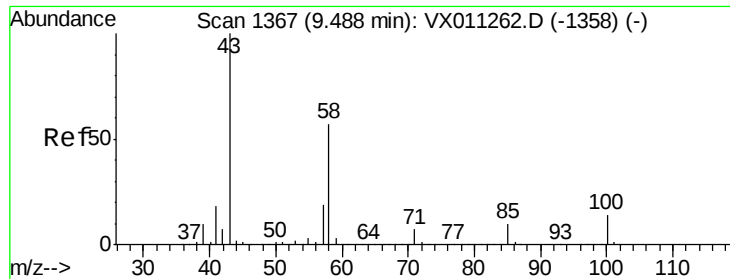
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#55
1,1,2-Trichloroethane
Concen: 0.339 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

Tgt Ion: 97 Resp: 616
Ion Ratio Lower Upper
97 100
83 0.0 67.6 101.4#
85 0.0 43.4 65.0#
99 0.0 49.6 74.4#

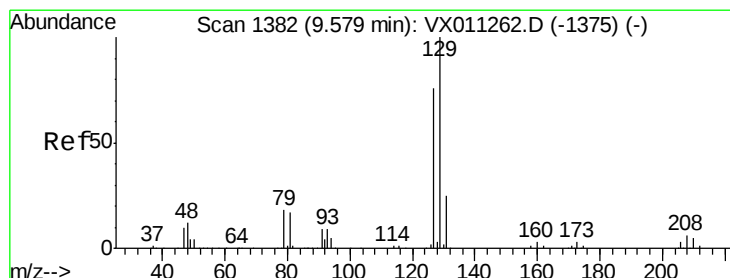
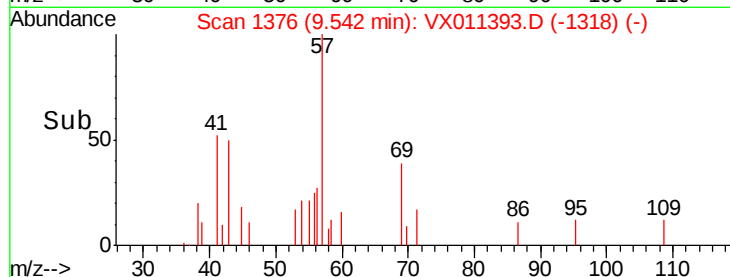
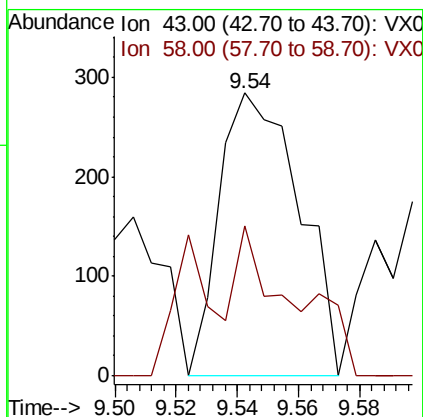
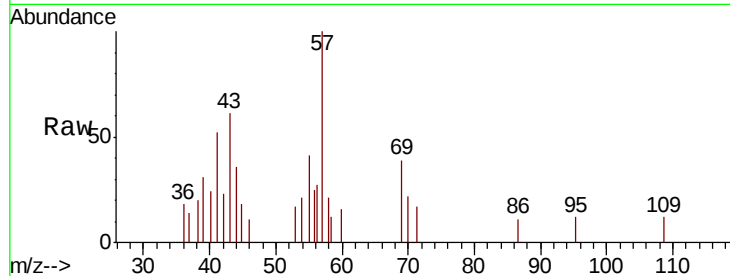




#59
2-Hexanone
Concen: 0.287 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

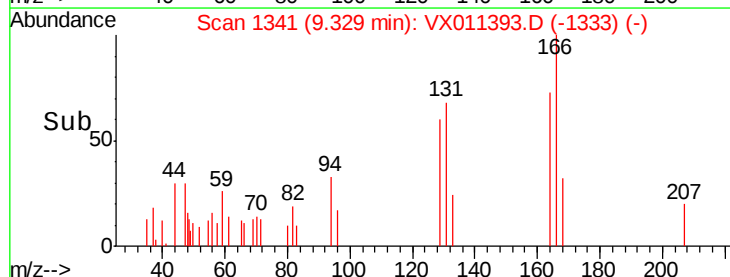
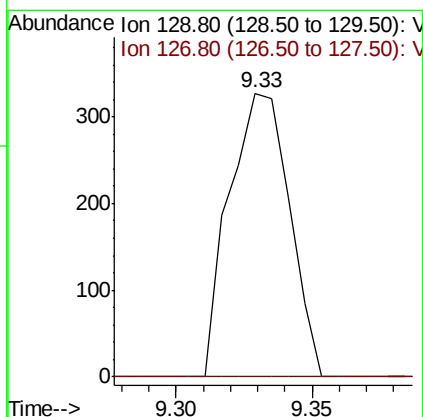
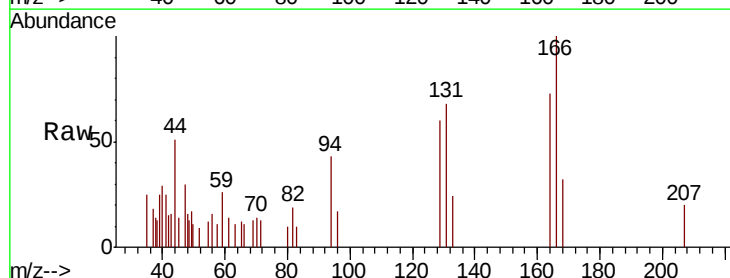
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-J-0819

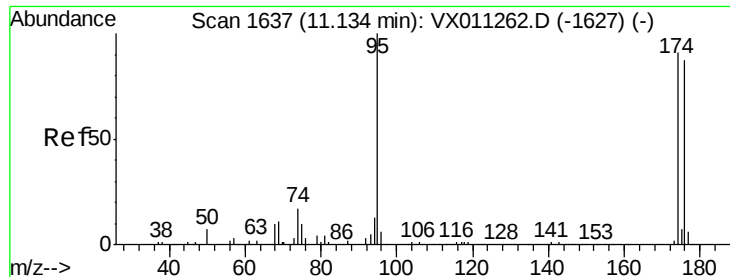
Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
58 37.7 28.2 84.6



#60
Dibromochloromethane
Concen: 0.270 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.25 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

Tgt Ion: 129 Resp: 502
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#

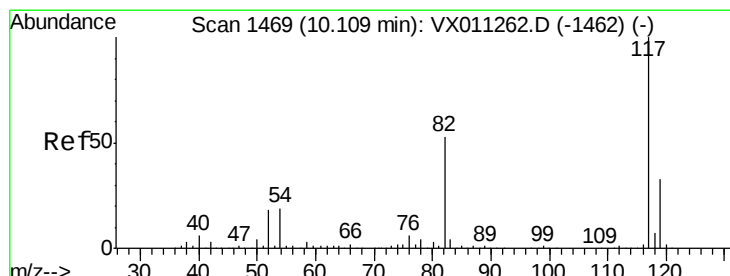
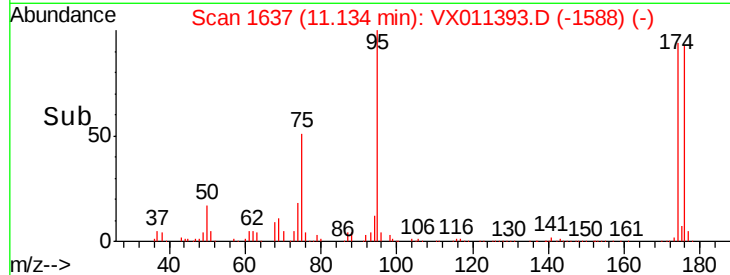
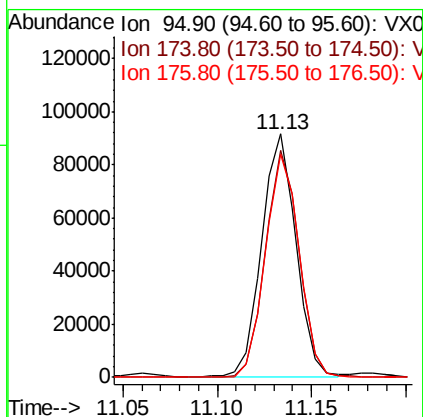
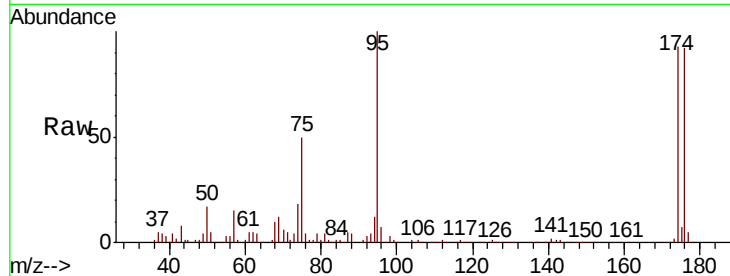




#62
4-Bromofluorobenzene
Concen: 50.989 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

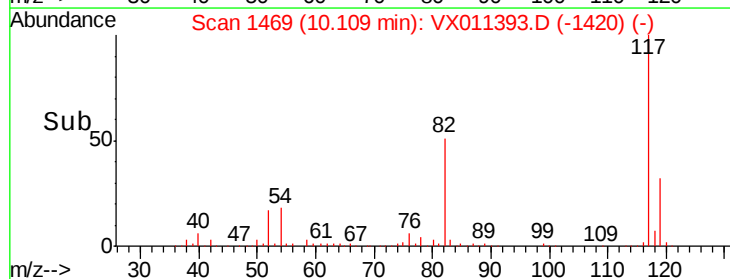
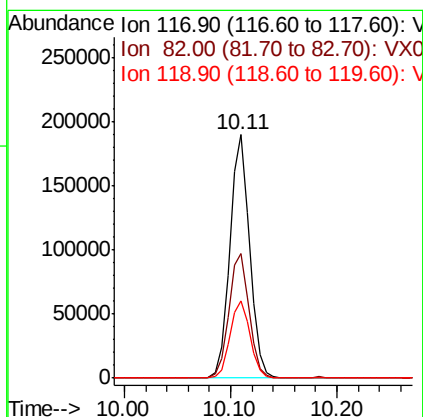
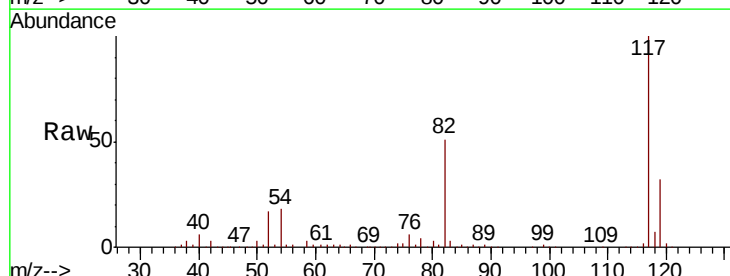
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-J-0819

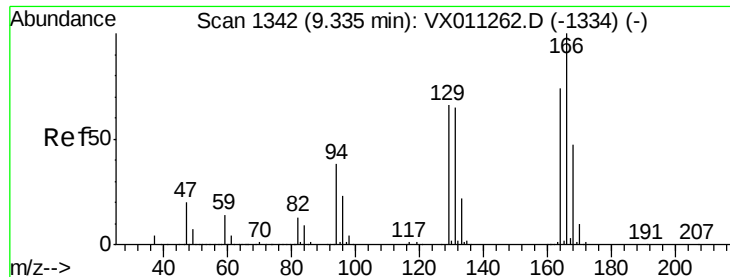
Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	191.2
176	91.3	0.0	184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.2	63.2
119	31.9	26.6	39.8





#64

Tetrachloroethene

Concen: 0.273 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-J-0819

Tgt Ion:164 Resp: 571

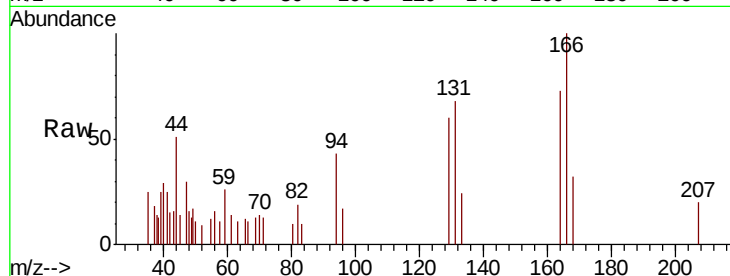
Ion Ratio Lower Upper

164 100

166 136.6 107.5 161.3

129 81.3 71.0 106.4

131 92.5 69.8 104.6

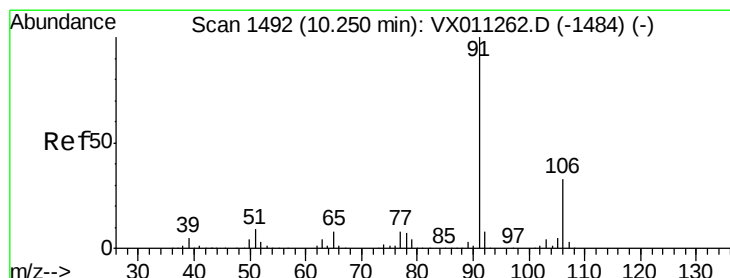
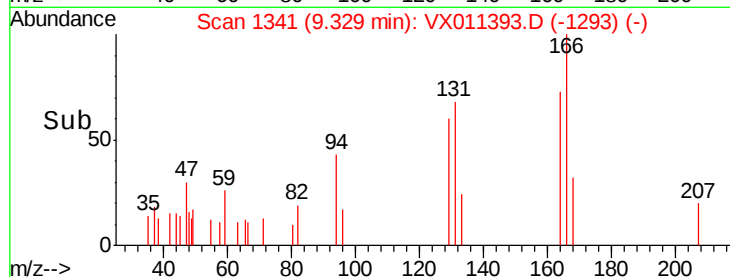
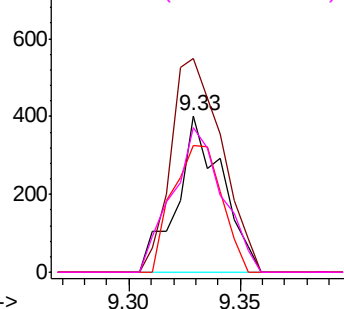


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 5.458 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011393.D

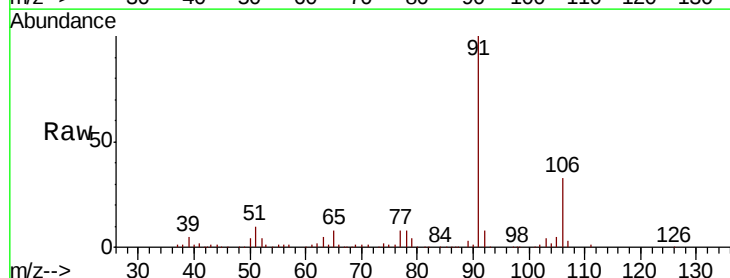
Acq: 08 Aug 2019 17:07

Tgt Ion: 91 Resp: 48352

Ion Ratio Lower Upper

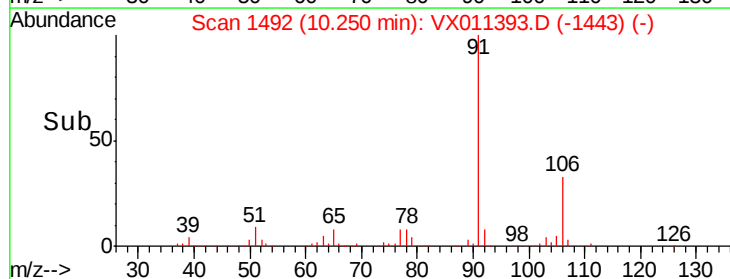
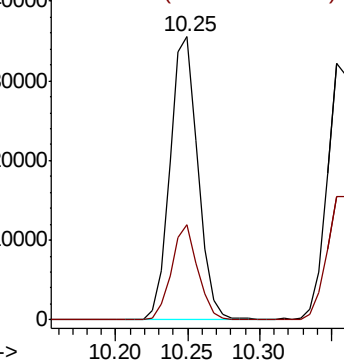
91 100

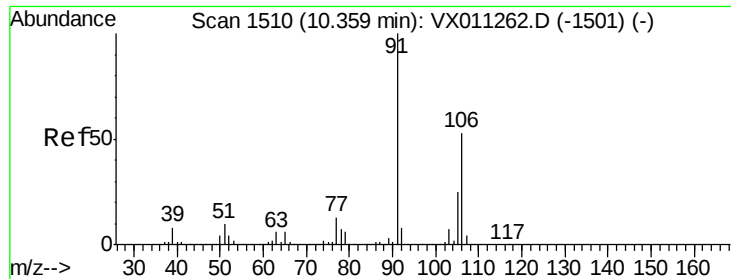
106 33.4 26.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

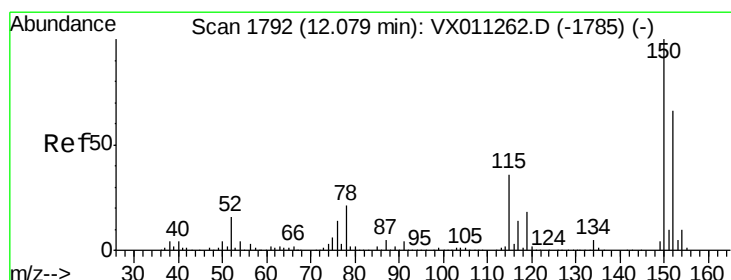
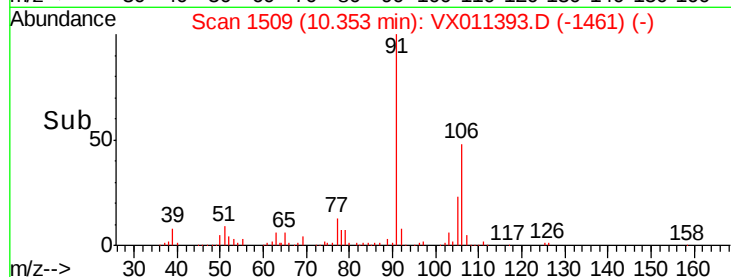
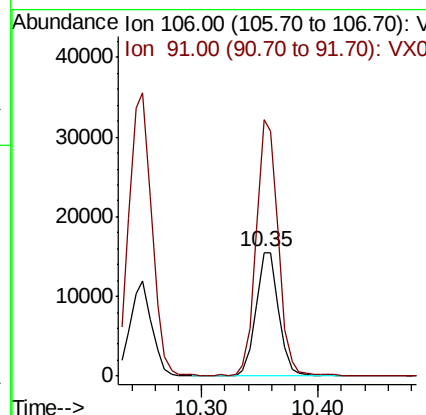
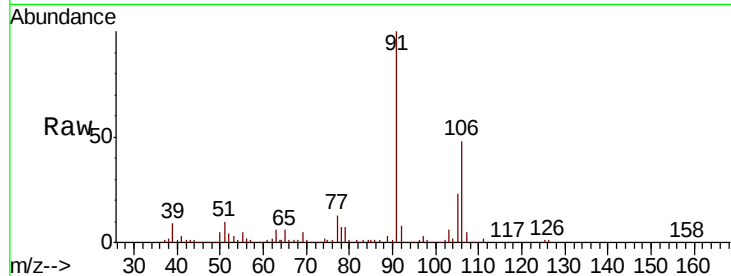




#68
m/p-Xylenes
Concen: 6.235 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

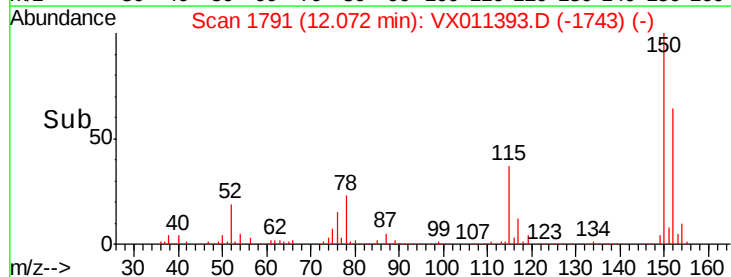
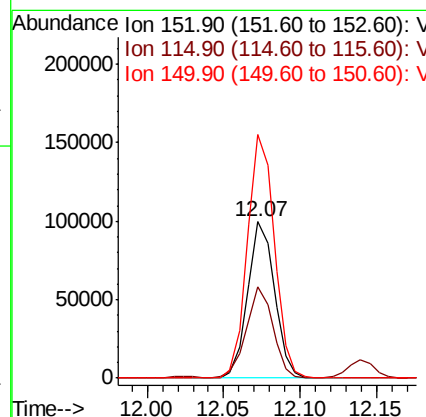
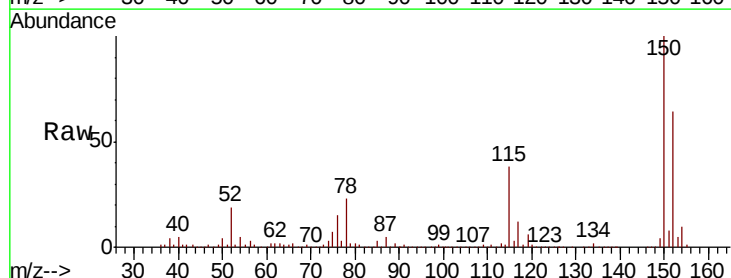
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-J-0819

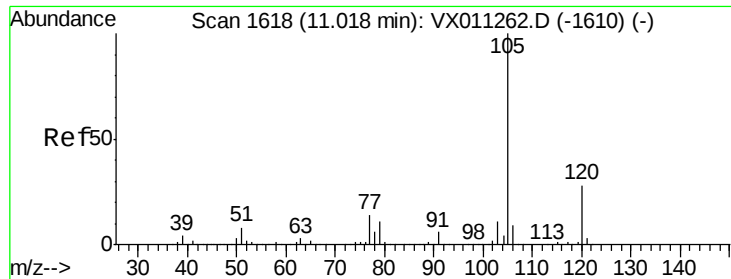
Tgt Ion:106 Resp: 21366
Ion Ratio Lower Upper
106 100
91 198.7 155.9 233.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

Tgt Ion:152 Resp: 121869
Ion Ratio Lower Upper
152 100
115 57.4 40.0 119.9
150 156.1 0.0 350.4





#73

Isopropylbenzene

Concen: 7.792 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

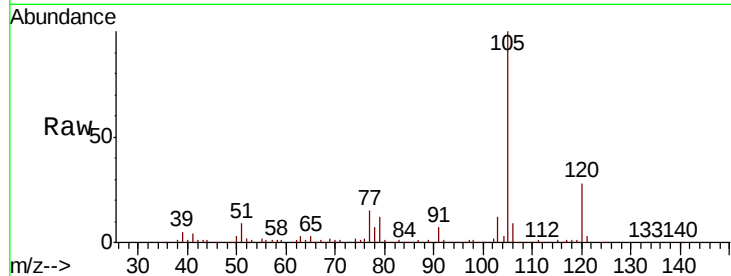
EP1-MW-J-0819

Tgt Ion: 105 Resp: 64949

Ion Ratio Lower Upper

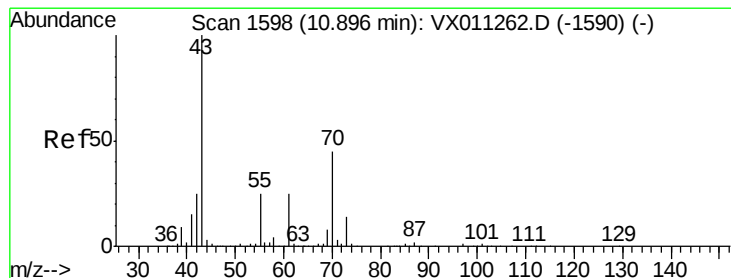
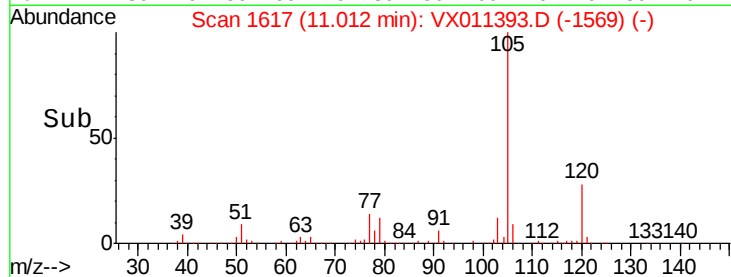
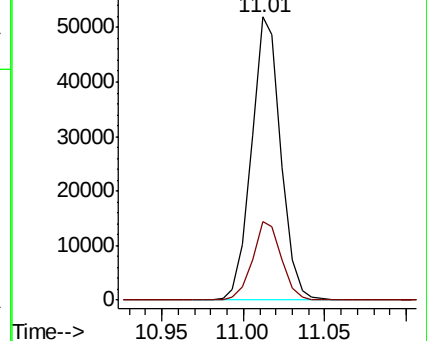
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.739 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Tgt Ion: 43 Resp: 5237

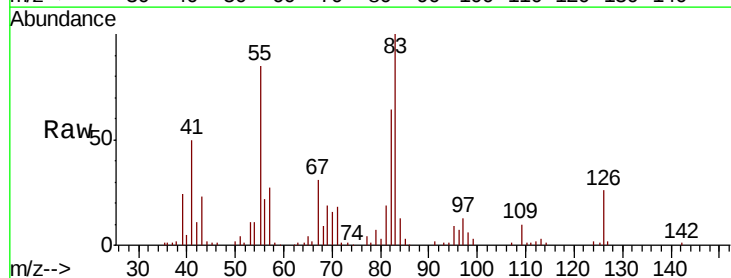
Ion Ratio Lower Upper

43 100

70 85.5 35.9 53.9#

55 365.9 19.8 29.6#

61 0.0 19.7 29.5#

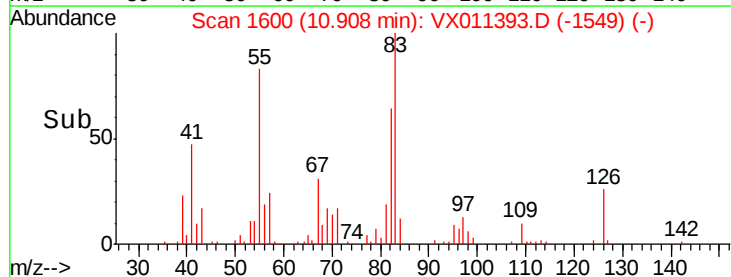
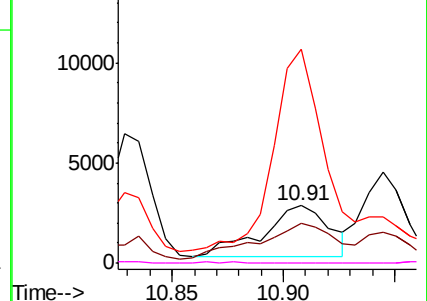


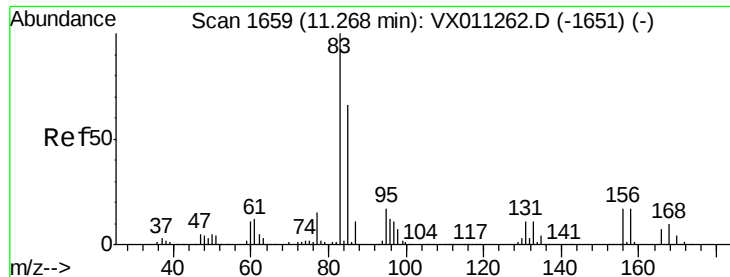
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.225 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-J-0819

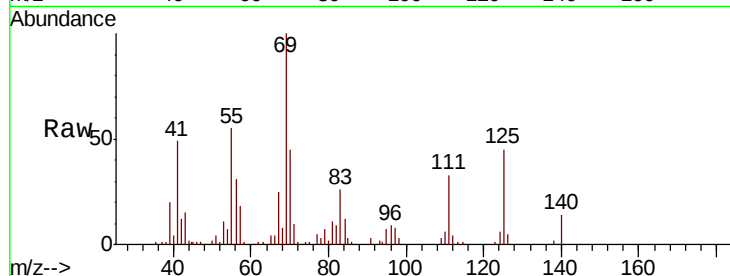
Tgt Ion: 83 Resp: 3403

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

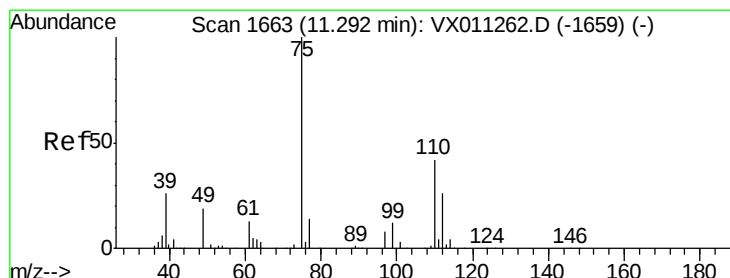
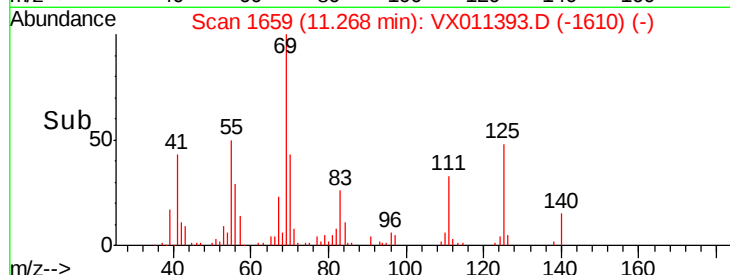
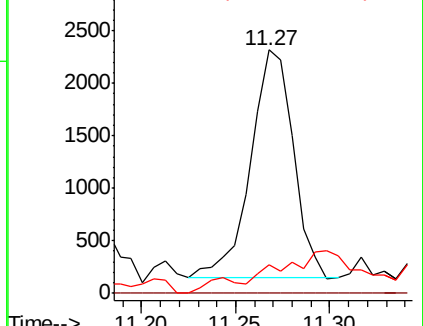
85 0.0 32.1 96.5#



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: 26.087 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011393.D

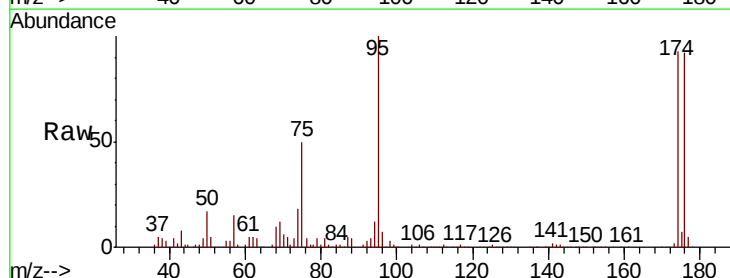
Acq: 08 Aug 2019 17:07

Tgt Ion: 75 Resp: 57898

Ion Ratio Lower Upper

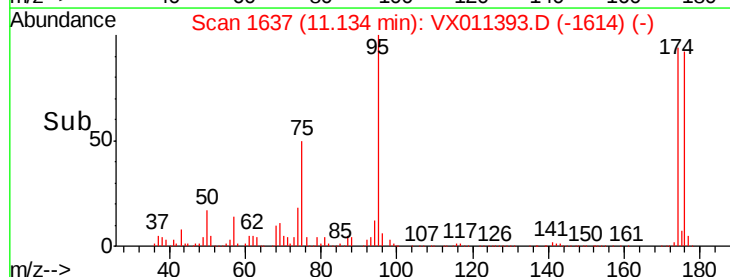
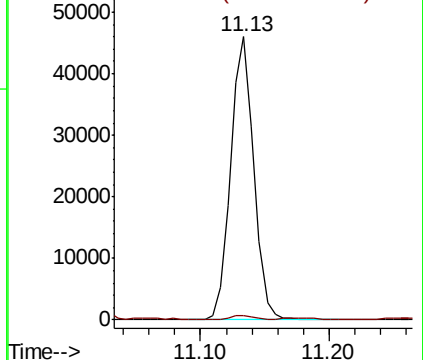
75 100

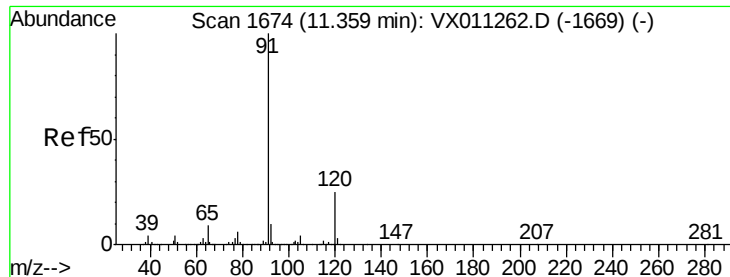
77 1.2 21.1 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 14.543 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

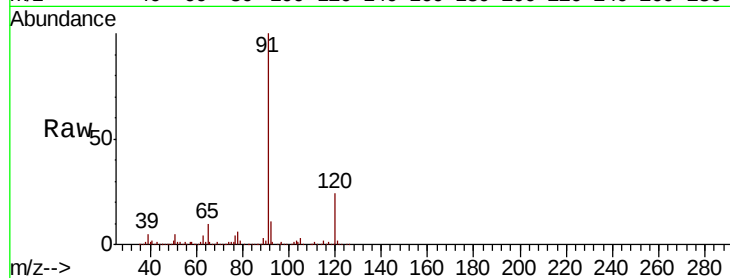
EP1-MW-J-0819

Tgt Ion: 91 Resp: 134804

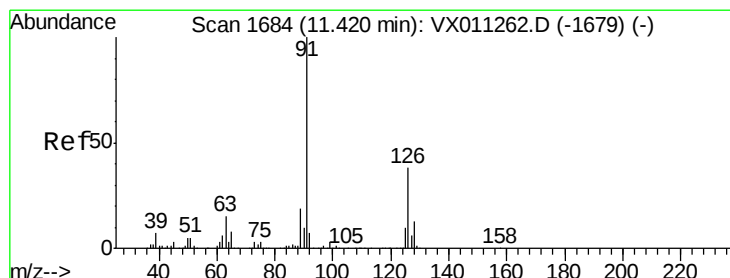
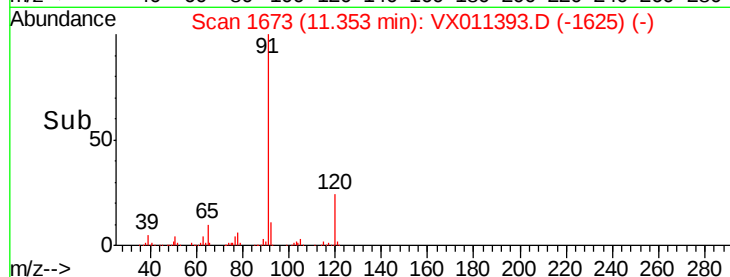
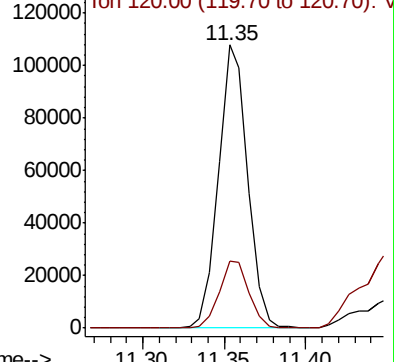
Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0



#79

2-Chlorotoluene

Concen: 3.727 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX011393.D

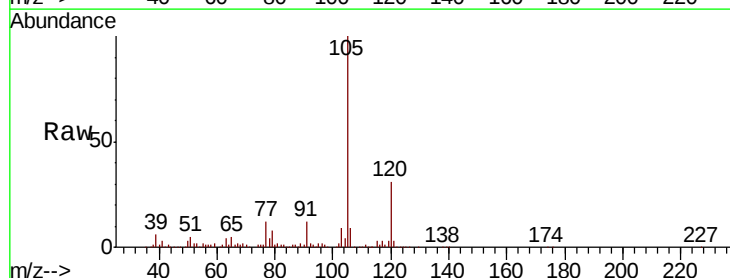
Acq: 08 Aug 2019 17:07

Tgt Ion: 91 Resp: 20593

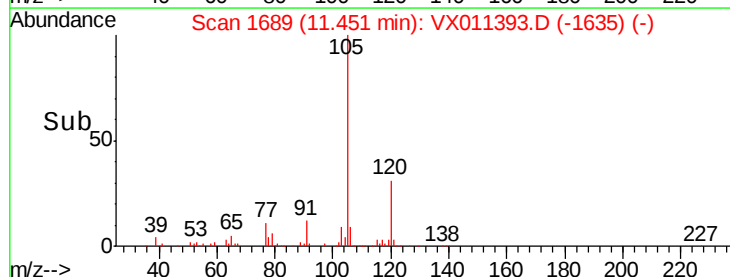
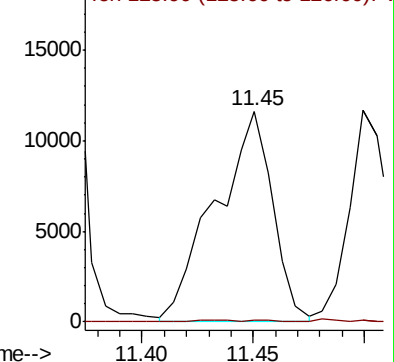
Ion Ratio Lower Upper

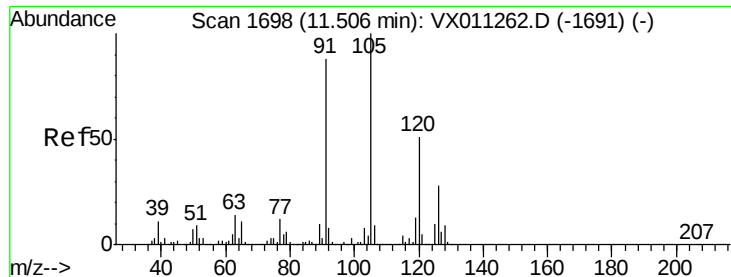
91 100

126 0.0 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 19.454 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

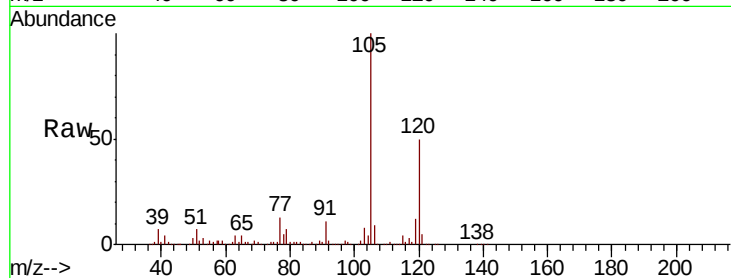
EP1-MW-J-0819

Tgt Ion:105 Resp: 135737

Ion Ratio Lower Upper

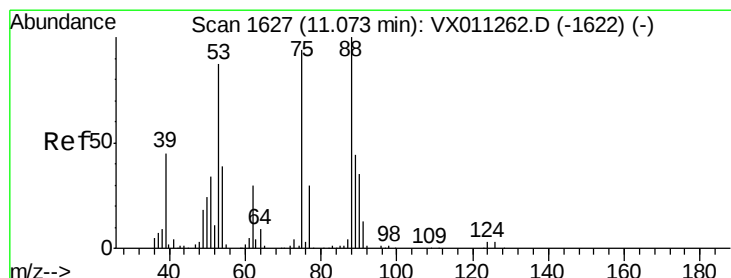
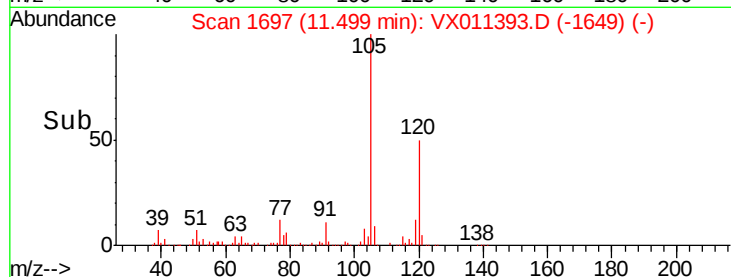
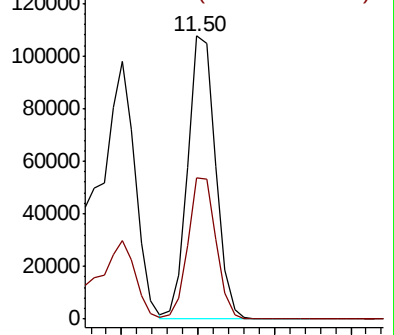
105 100

120 50.5 25.1 75.2



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: 67.880 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

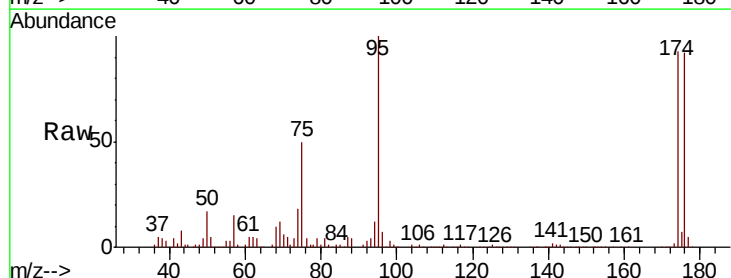
Tgt Ion: 75 Resp: 57898

Ion Ratio Lower Upper

75 100

53 1.1 78.2 117.4#

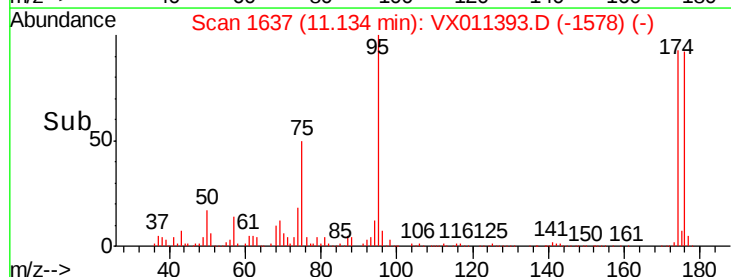
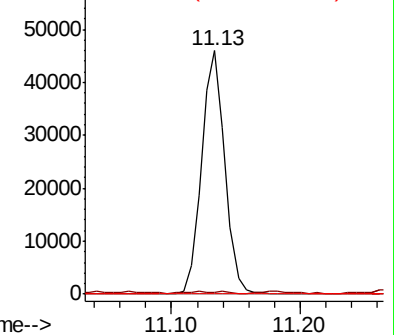
89 0.0 37.9 56.9#

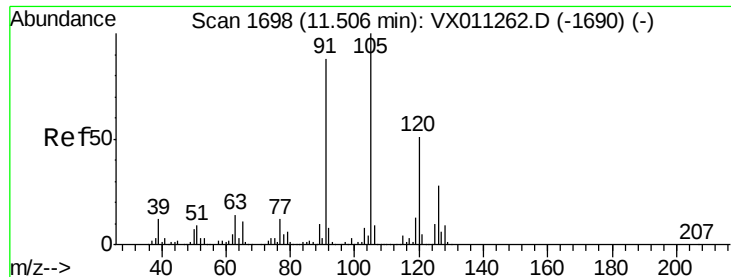


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 2.211 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

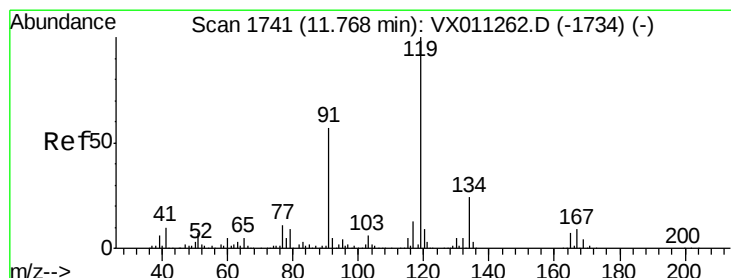
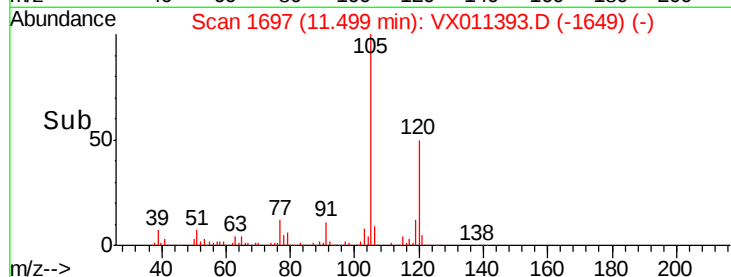
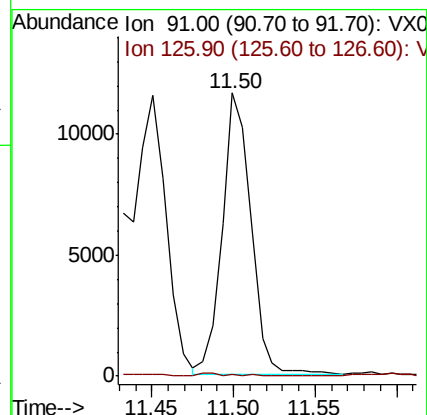
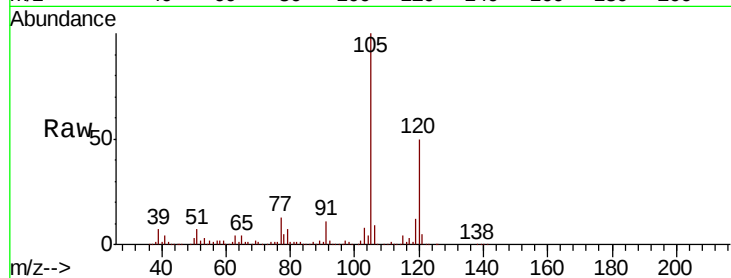
EP1-MW-J-0819

Tgt Ion: 91 Resp: 14237

Ion Ratio Lower Upper

91 100

126 1.0 16.4 49.2#



#83

tert-Butylbenzene

Concen: 1.042 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

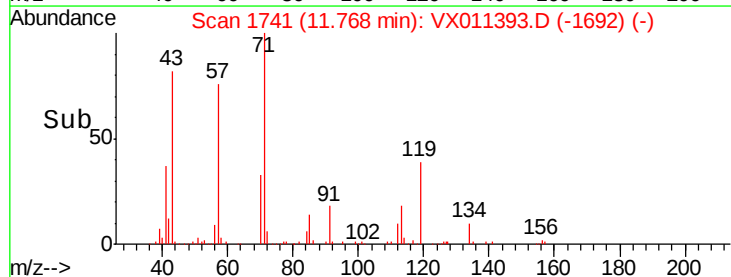
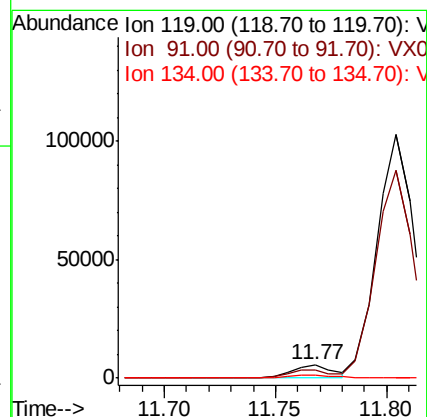
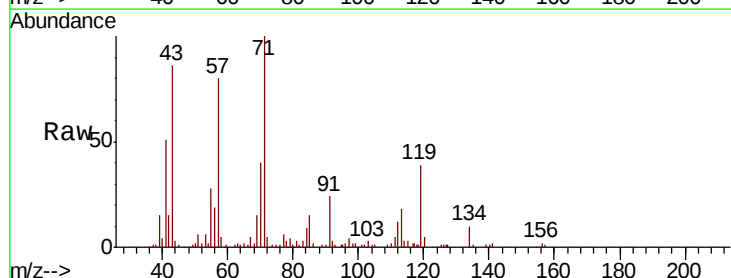
Tgt Ion: 119 Resp: 7128

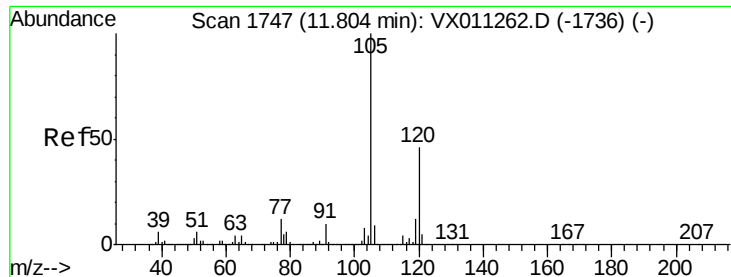
Ion Ratio Lower Upper

119 100

91 67.0 28.0 84.0

134 23.6 11.9 35.5

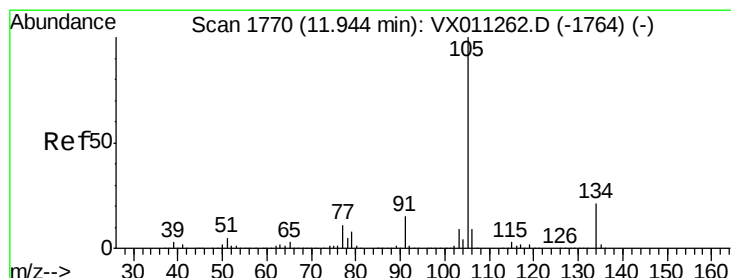
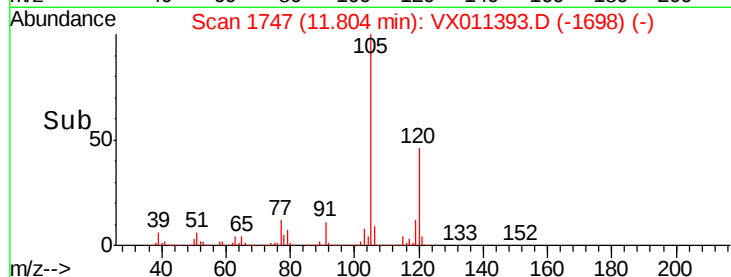
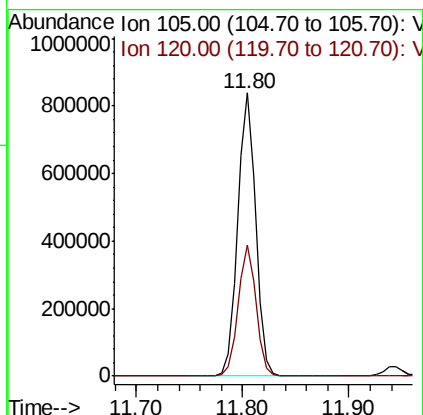
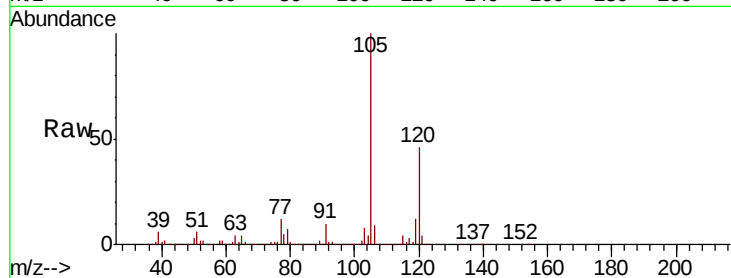




#84
 1,2,4-Trimethylbenzene
 Concen: 142.661 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011393.D
 Acq: 08 Aug 2019 17:07

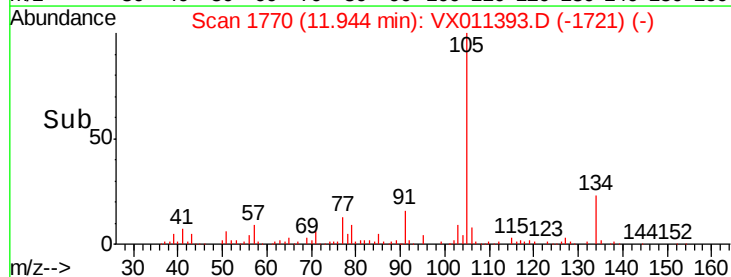
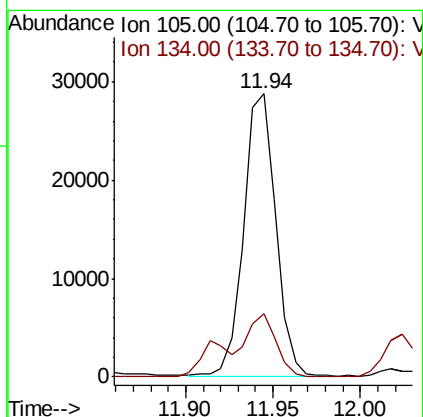
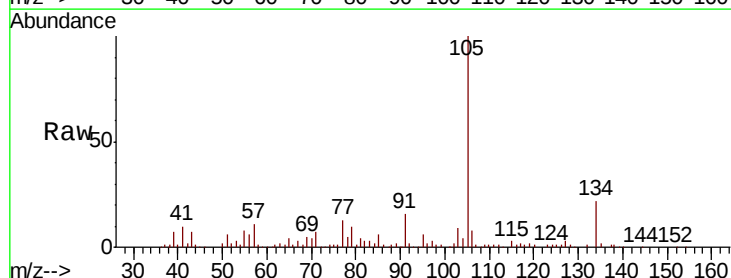
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-J-0819

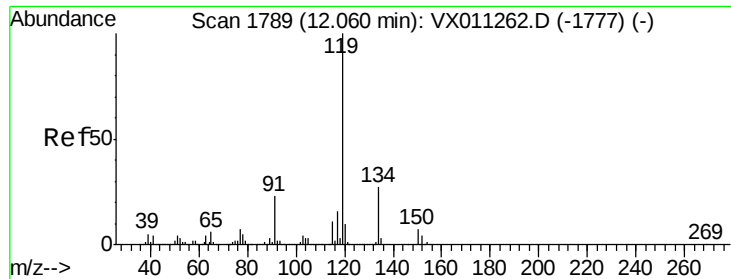
Tgt Ion:105 Resp: 991030
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 4.441 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011393.D
 Acq: 08 Aug 2019 17:07

Tgt Ion:105 Resp: 36509
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.4

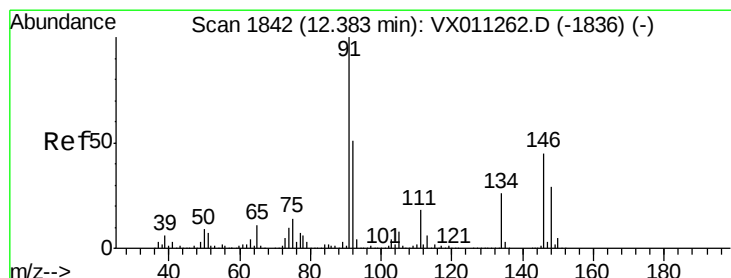
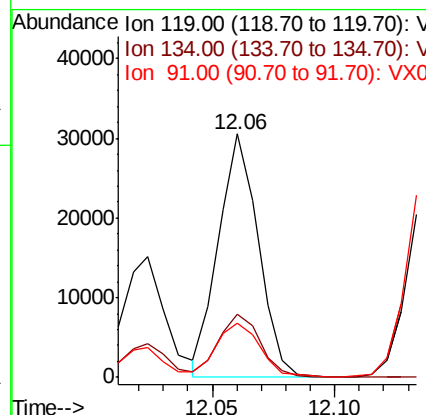
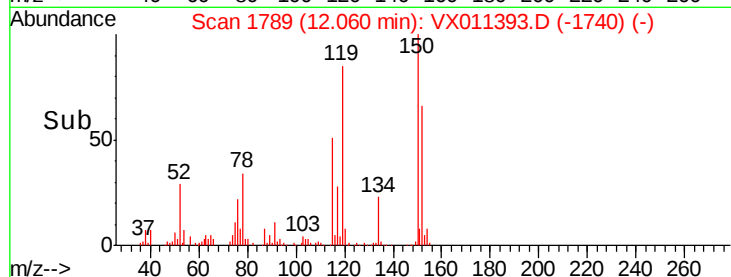
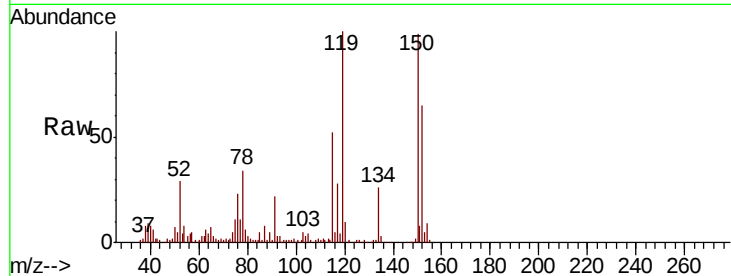




#86
p-Isopropyltoluene
Concen: 4.557 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

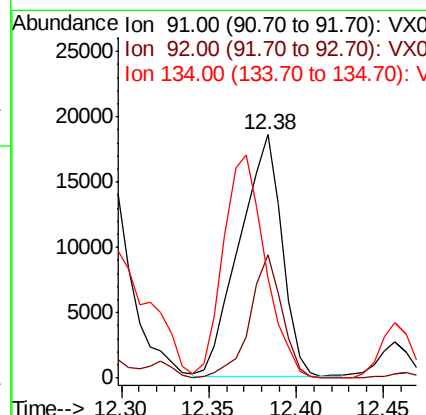
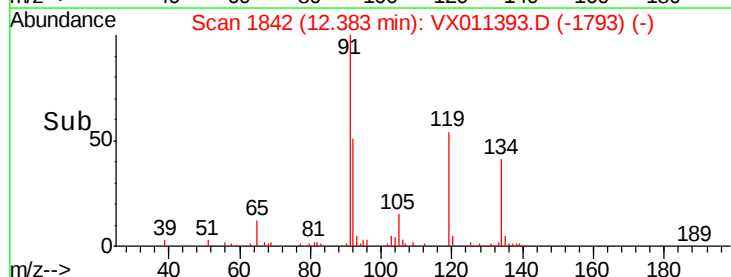
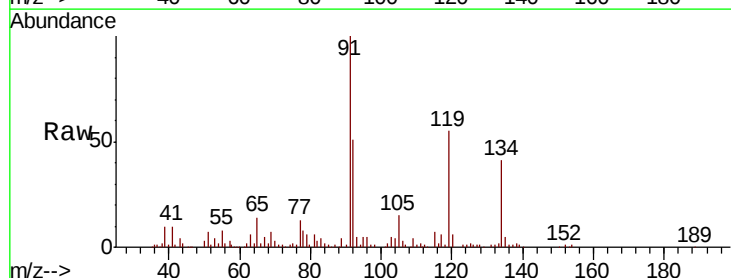
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-J-0819

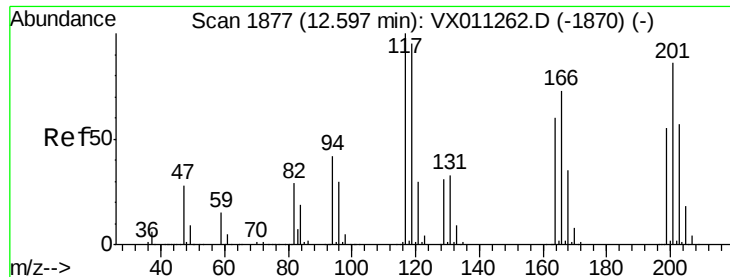
Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.7	41.0
91	24.9	11.4	34.2



#89
n-Butylbenzene
Concen: 4.815 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

Tgt Ion	Ratio	Lower	Upper
91	100		
92	38.8	25.8	77.3
134	90.8	13.7	41.0





#90

Hexachloroethane

Concen: 3.805 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

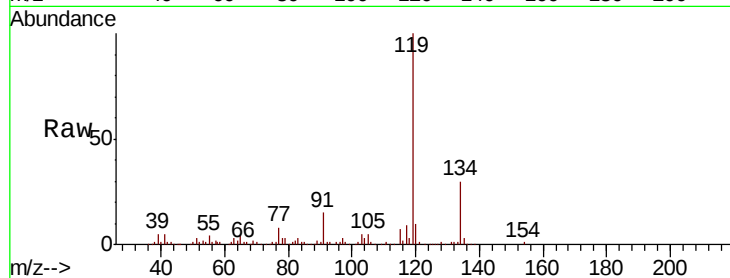
EP1-MW-J-0819

Tgt Ion: 117 Resp: 4255

Ion Ratio Lower Upper

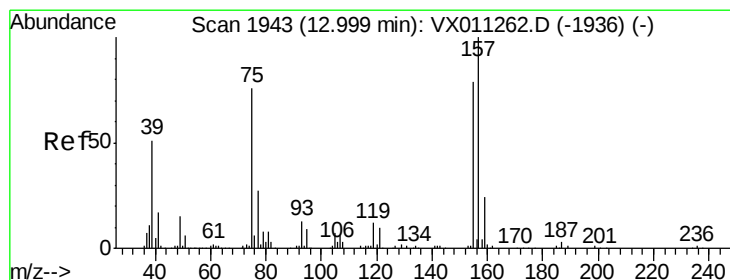
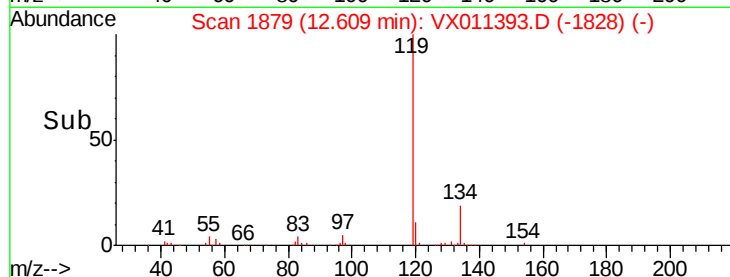
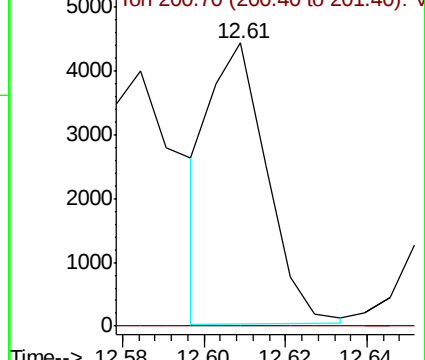
117 100

201 0.0 41.8 125.4#



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: 0.899 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011393.D

Acq: 08 Aug 2019 17:07

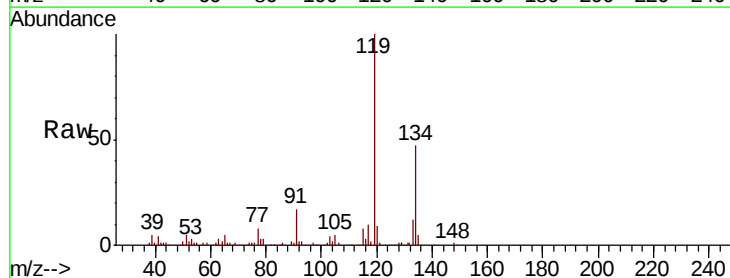
Tgt Ion: 75 Resp: 484

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.8#

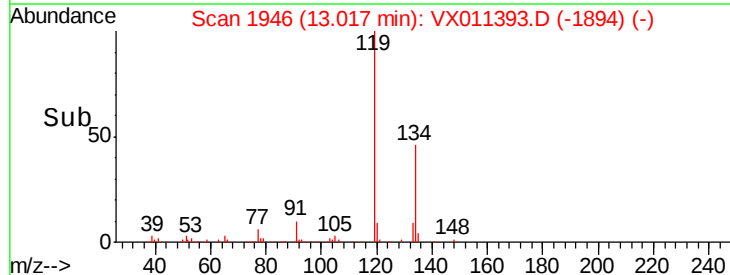
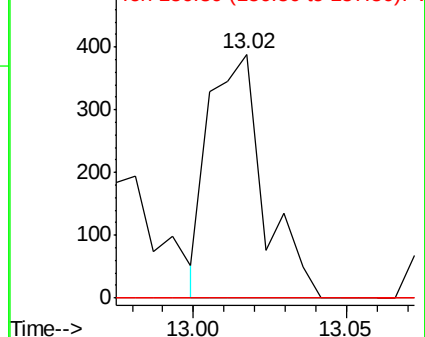
157 0.0 64.3 192.7#

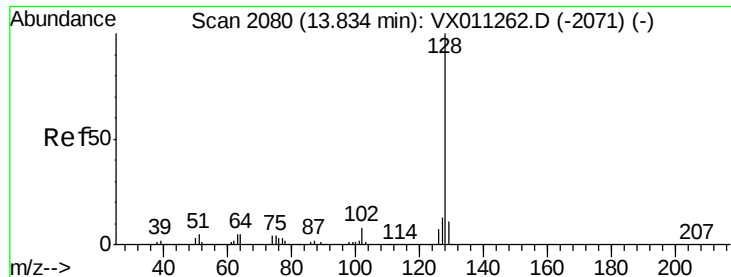


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

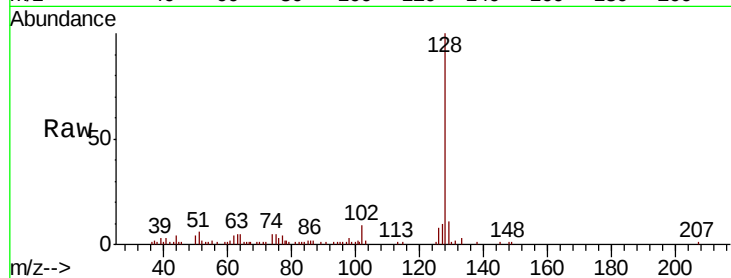




#95
Naphthalene
Concen: 1.466 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011393.D
Acq: 08 Aug 2019 17:07

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-J-0819

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.4	15.6
129	13.2	8.9	13.3



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

