

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX063020\
 Data File : VX017036.D
 Acq On : 30 Jun 2020 11:52
 Operator : JC/SP
 Sample : L3066-02DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

Quant Time: Jul 01 08:03:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	243307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	420528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	425178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158053	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
35) Dibromofluoromethane	5.47	113	137192	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	8.70	98	503150	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.12	95	213526	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	849	0.608	ug/l #	39
8) Diethyl Ether	2.17	74	208	0.522	ug/l	85
10) Methyl Iodide	2.49	142	910	0.301	ug/l #	90
11) Tert butyl alcohol	3.01	59	1452	2.538	ug/l	100
13) Acrolein	2.27	56	533	1.558	ug/l #	52
15) Acrylonitrile	3.12	53	715	0.520	ug/l #	82
16) Acetone	2.42	43	1423	1.268	ug/l	98
17) Carbon Disulfide	2.56	76	2436	0.385	ug/l	95
18) Methyl Acetate	2.75	43	850	0.290	ug/l #	66
20) Methylene Chloride	2.83	84	3071	0.417	ug/l	89
21) trans-1,2-Dichloroethene	3.14	96	661	0.247	ug/l #	60
25) 2-Butanone	4.64	43	427	0.228	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	2915	0.963	ug/l	99
36) 1,1-Dichloropropene	5.62	75	17605	4.429	ug/l #	51
38) Carbon Tetrachloride	5.63	117	24282	5.547	ug/l #	16
39) Methylcyclohexane	7.45	83	1037	0.235	ug/l #	76
44) Trichloroethene	7.20	130	929	Below Cal		54
49) 1,4-Dioxane	7.97	88	19	0.263	ug/l #	1
64) Tetrachloroethene	9.31	164	694	0.202	ug/l #	83
67) Ethyl Benzene	10.23	91	87580	5.976	ug/l	99
68) m/p-Xylenes	10.34	106	13795	2.452	ug/l	99
69) o-Xylene	10.68	106	2679	0.500	ug/l	98
73) Isopropylbenzene	11.00	105	89179	5.746	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	1015	0.208	ug/l #	43
76) 1,1,2,3-Trichloropropane	11.12	75	108558	23.298	ug/l #	37
78) n-propylbenzene	11.34	91	168773	9.616	ug/l	99
79) 2-Chlorotoluene	11.43	91	8028	0.756	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	31452	2.443	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	108558	60.334	ug/l #	13
82) 4-Chlorotoluene	11.43	91	8028	0.632	ug/l #	44
83) tert-Butylbenzene	11.76	119	11388	0.901	ug/l	85
84) 1,2,4-Trimethylbenzene	11.79	105	1092628	83.658	ug/l	98
85) sec-Butylbenzene	11.93	105	50093	3.372	ug/l #	75
86) p-Isopropyltoluene	12.05	119	20481	1.481	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

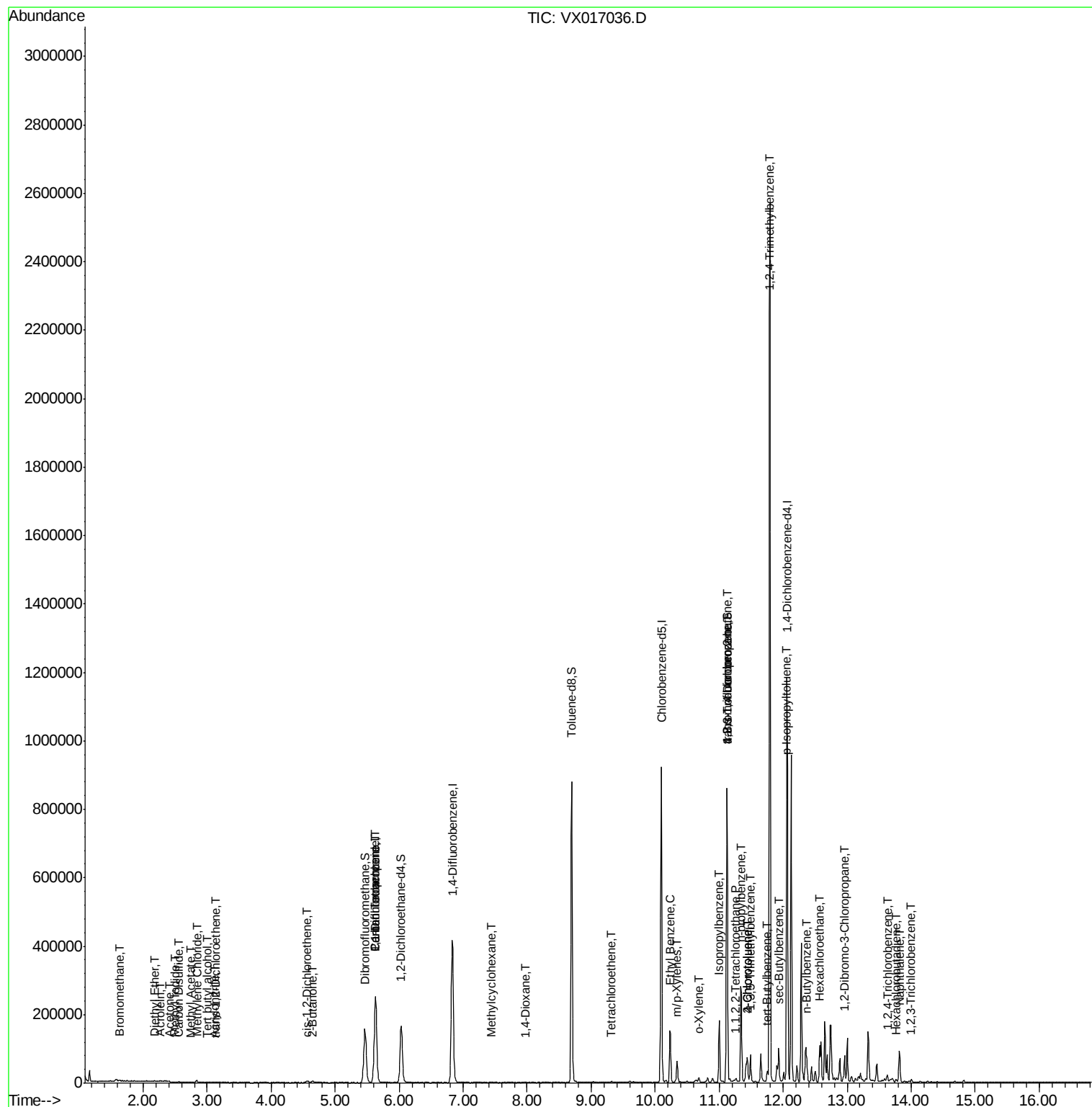
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.01	146	1269	Below Cal	92
89) n-Butylbenzene	12.37	91	28082	2.274 ug/l #	69
90) Hexachloroethane	12.57	117	4601	1.687 ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	12.96	75	474	0.407 ug/l #	1
93) 1,2,4-Trichlorobenzene	13.63	180	1951	0.395 ug/l #	81
94) Hexachlorobutadiene	13.77	225	871	1.301 ug/l	79
95) Naphthalene	13.82	128	54521	3.628 ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1507	0.315 ug/l #	82

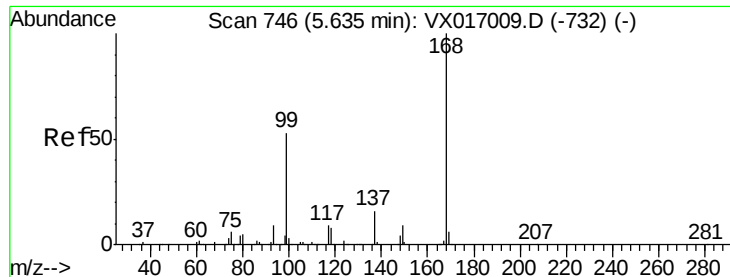
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX063020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

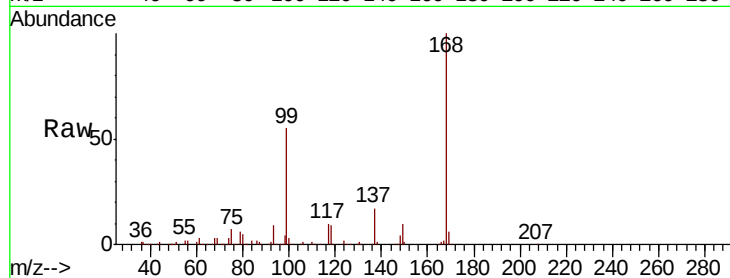
MW-4DL

Tot Ion:168 Resp: 243307

Ion Ratio Lower Upper

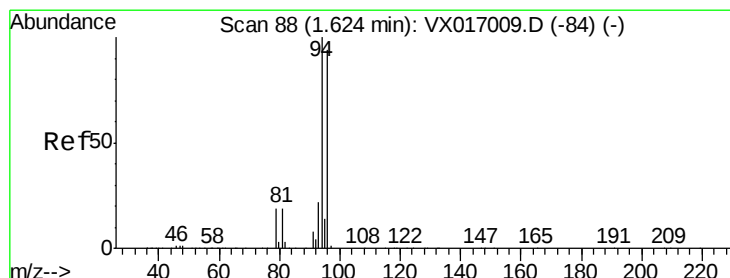
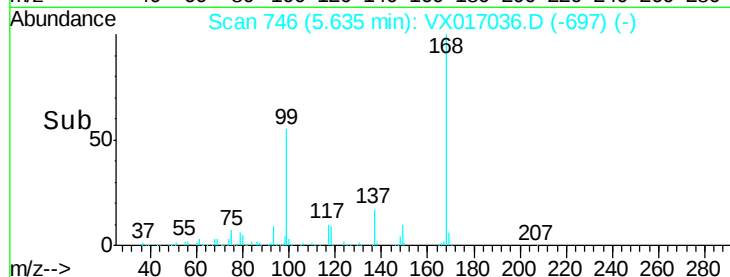
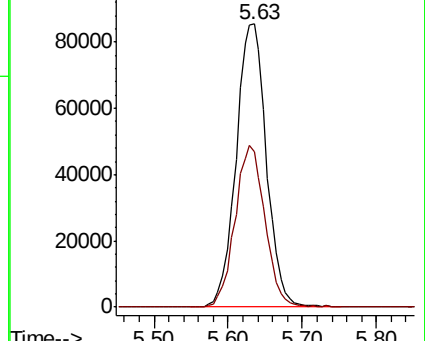
168 100

99 54.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.608 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017036.D

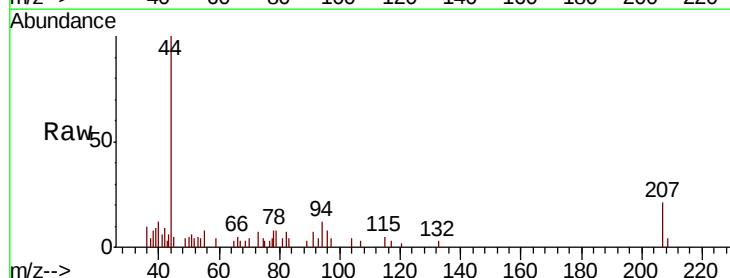
Acq: 30 Jun 2020 11:52

Tgt Ion: 94 Resp: 849

Ion Ratio Lower Upper

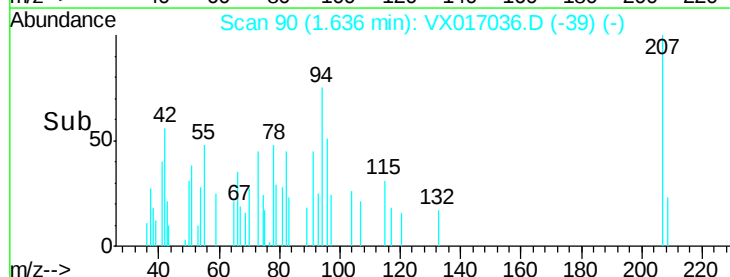
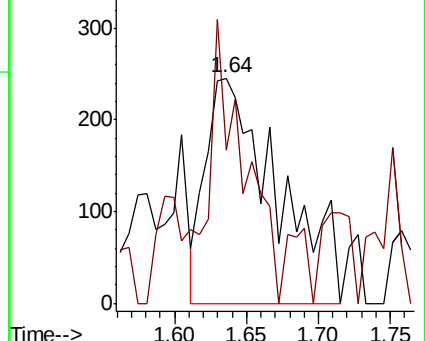
94 100

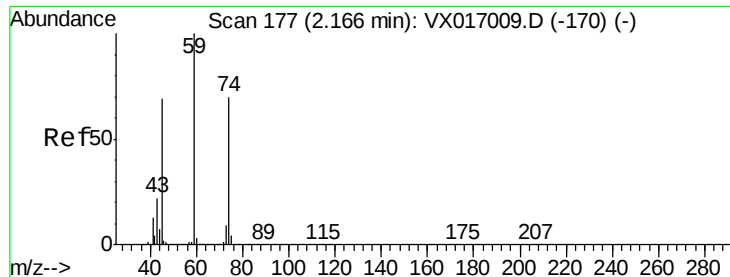
96 35.0 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#8

Diethyl Ether

Concen: 0.522 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampled :

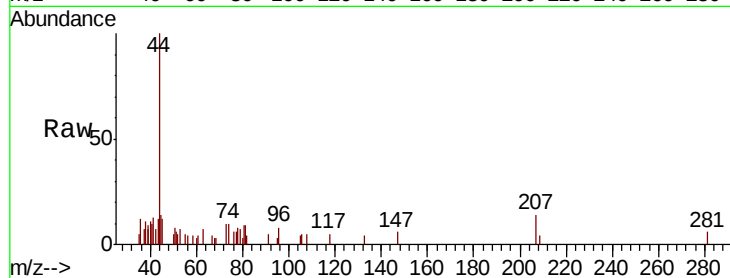
MW-4DL

Tot Ion: 74 Resp: 208

Ion Ratio Lower Upper

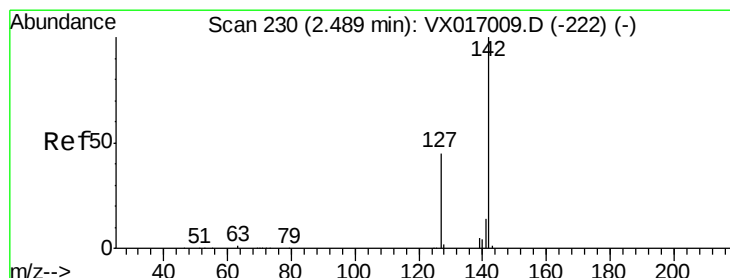
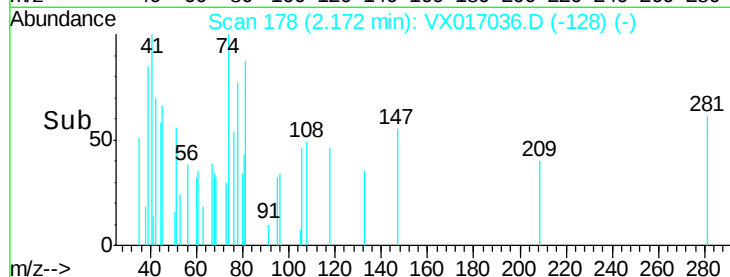
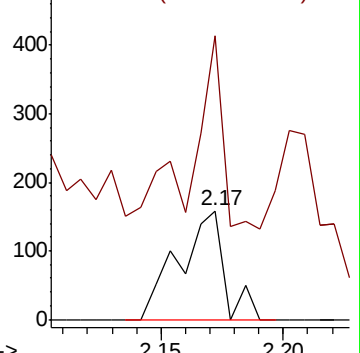
74 100

45 114.4 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 0.301 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

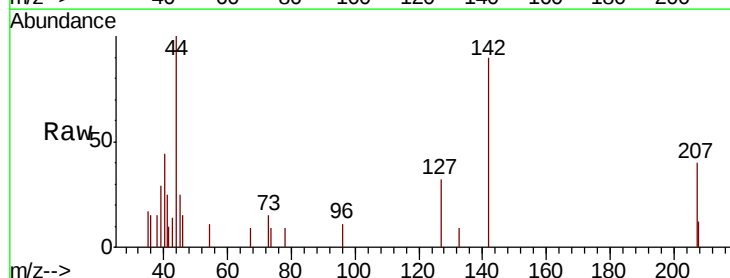
Tgt Ion:142 Resp: 910

Ion Ratio Lower Upper

142 100

127 47.0 36.6 54.8

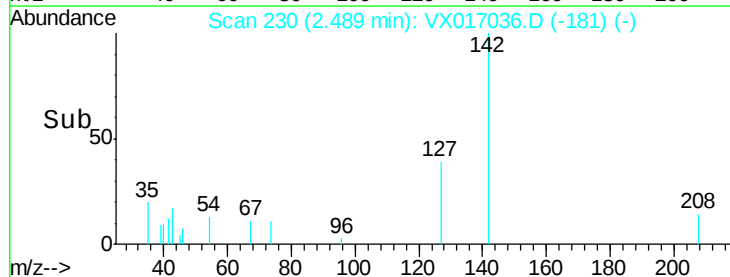
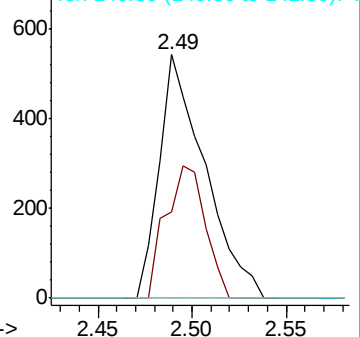
141 0.0 11.6 17.4#

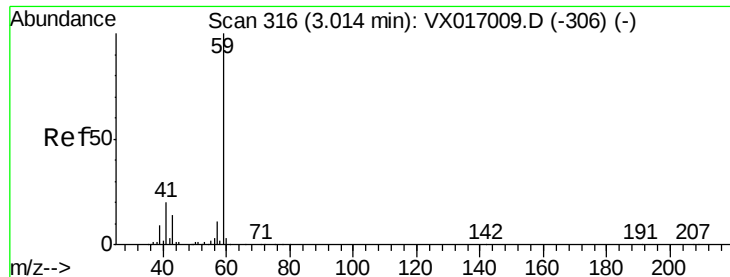


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 2.538 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

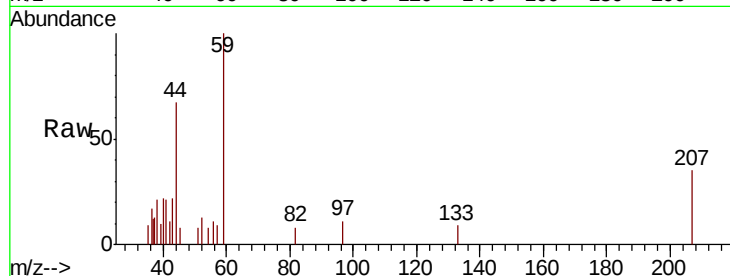
MW-4DL

Tot Ion: 59 Resp: 1452

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

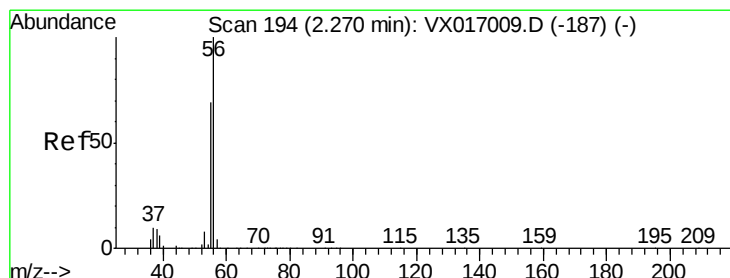
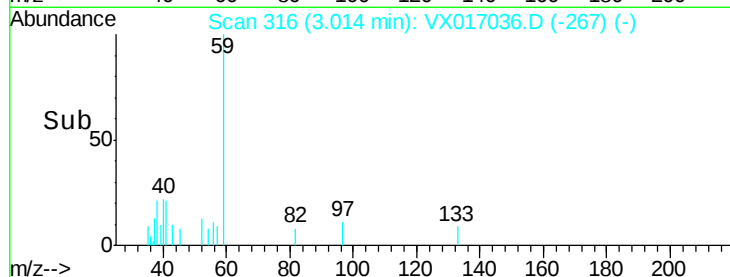
600

400

200

0

Time-->



#13

Acrolein

Concen: 1.558 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017036.D

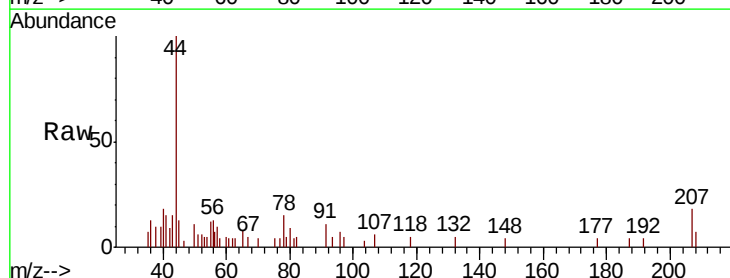
Acq: 30 Jun 2020 11:52

Tgt Ion: 56 Resp: 533

Ion Ratio Lower Upper

56 100

55 30.2 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

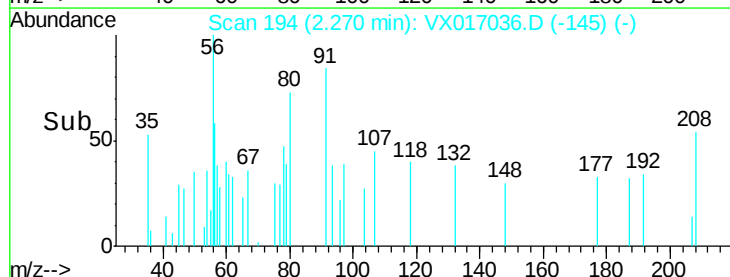
300

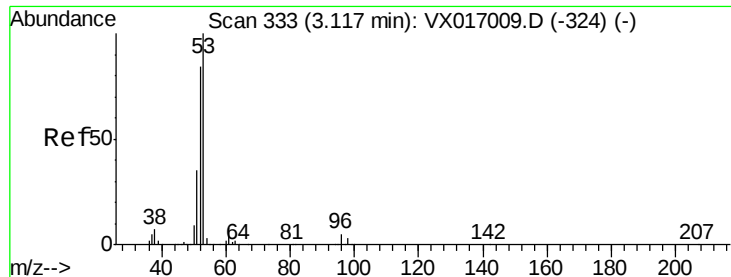
200

100

0

Time-->





#15

Acrylonitrile

Concen: 0.520 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampled :

MW-4DL

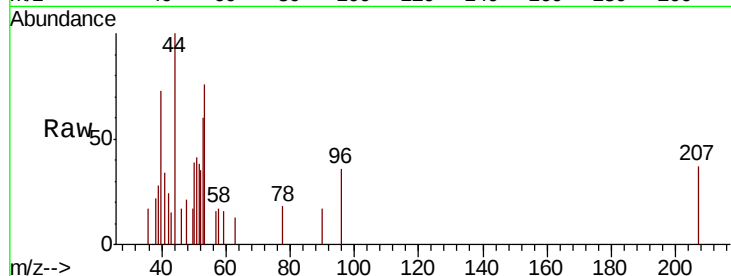
Tot Ion: 53 Resp: 715

Ion Ratio Lower Upper

53 100

52 94.4 65.6 98.4

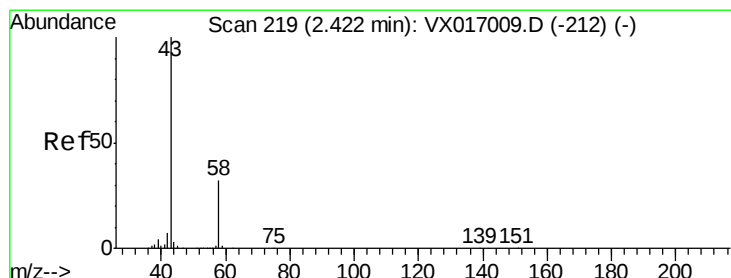
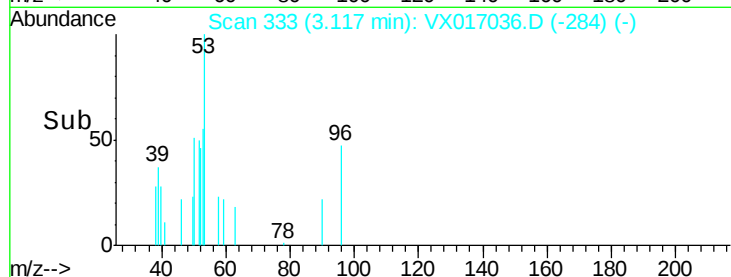
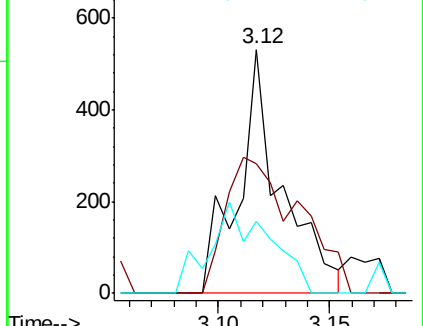
51 51.5 28.3 42.5#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 1.268 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017036.D

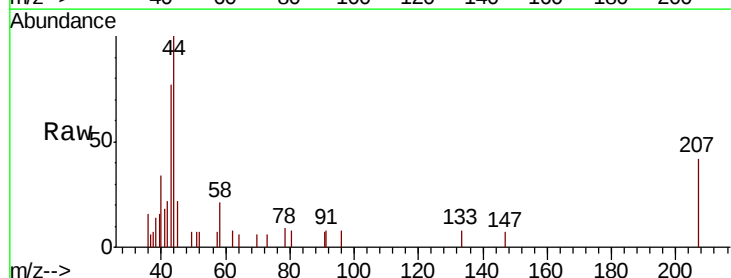
Acq: 30 Jun 2020 11:52

Tgt Ion: 43 Resp: 1423

Ion Ratio Lower Upper

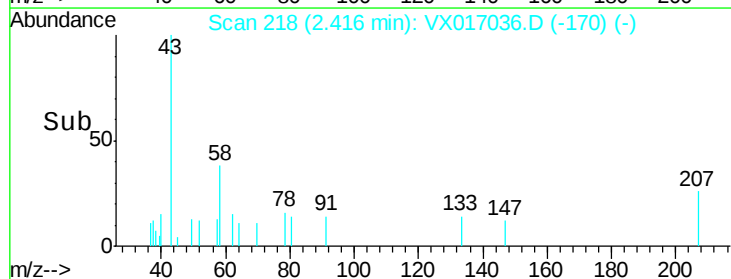
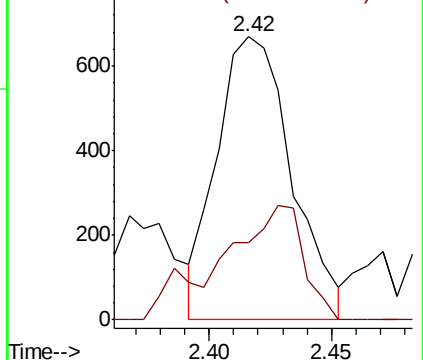
43 100

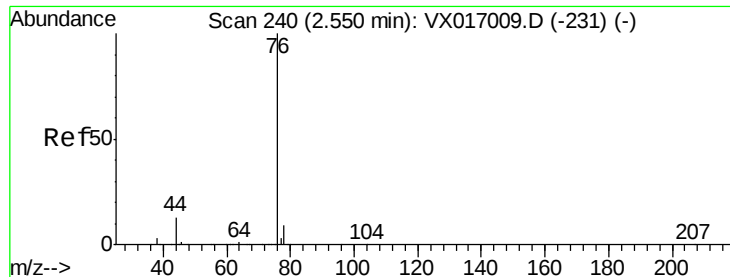
58 31.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

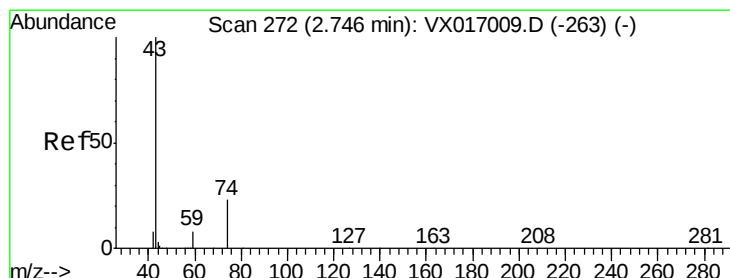
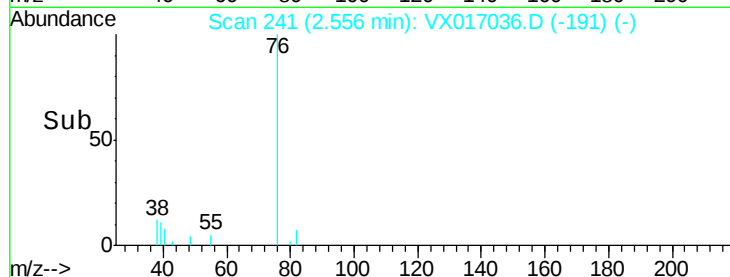
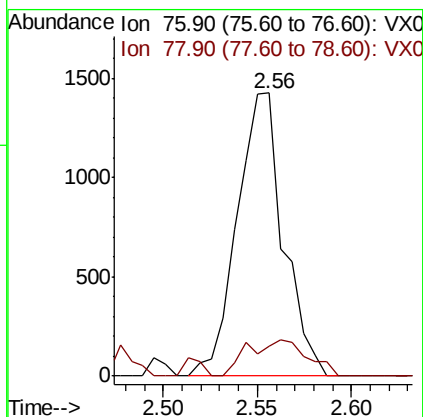
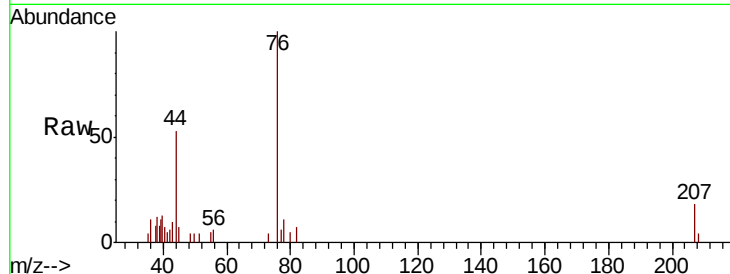




#17
Carbon Disulfide
Concen: 0.385 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX017036.D
Acq: 30 Jun 2020 11:52

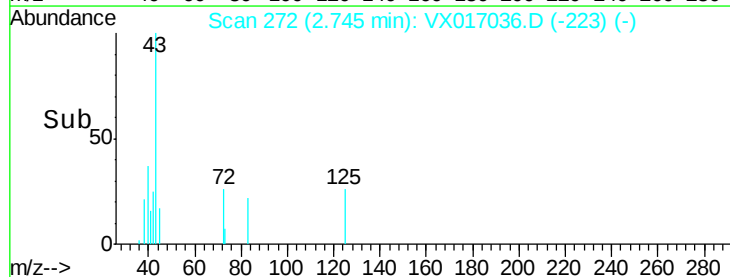
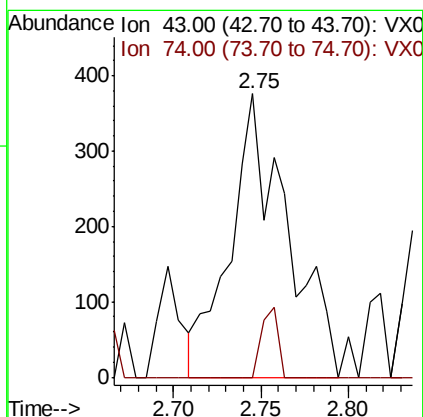
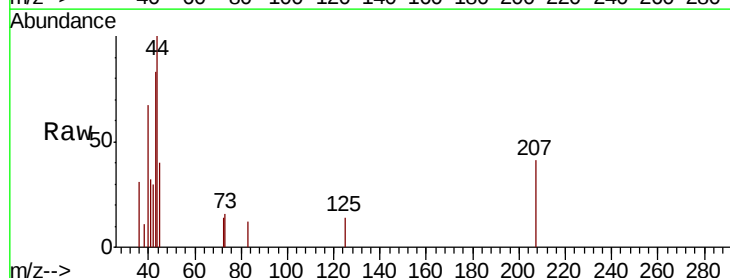
Instrument :
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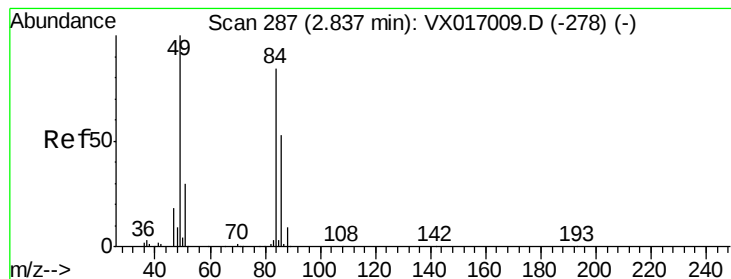
Tot Ion: 76 Resp: 2436
Ion Ratio Lower Upper
76 100
78 10.7 7.2 10.8



#18
Methyl Acetate
Concen: 0.290 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017036.D
Acq: 30 Jun 2020 11:52

Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
74 7.2 19.3 28.9#





#20

Methylene Chloride

Concen: 0.417 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampled :

MW-4DL

Tot Ion: 84 Resp: 3071

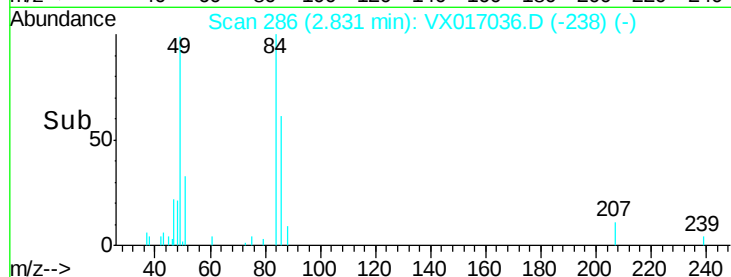
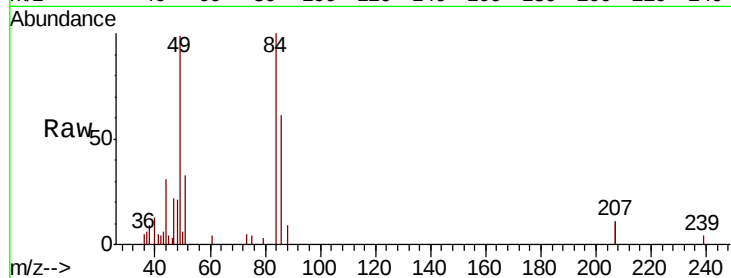
Ion Ratio Lower Upper

84 100

49 98.6 94.7 142.1

51 32.9 28.6 42.8

86 61.1 50.5 75.7

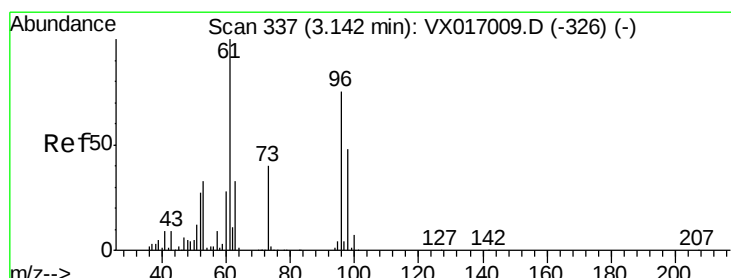
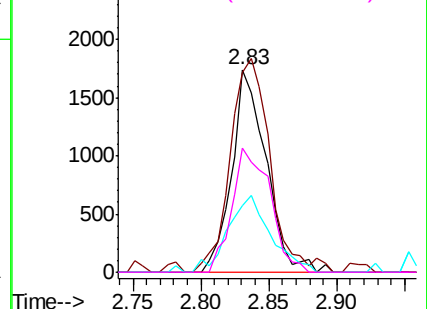


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.247 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

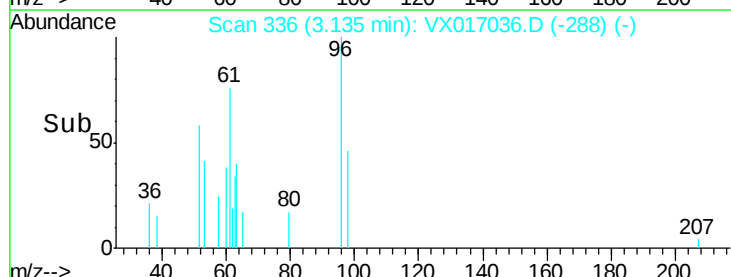
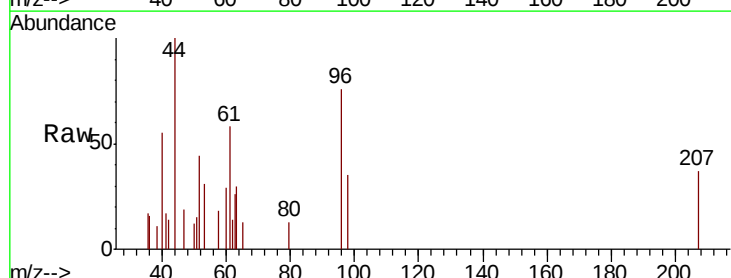
Tgt Ion: 96 Resp: 661

Ion Ratio Lower Upper

96 100

61 76.4 107.0 160.6#

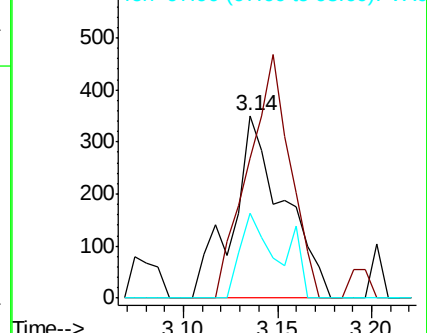
98 46.2 51.6 77.4#

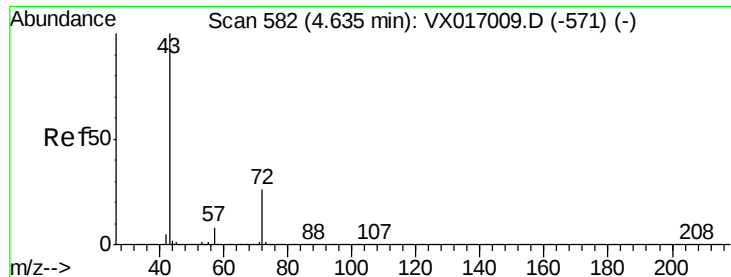


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#25

2-Butanone

Concen: 0.228 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampled :

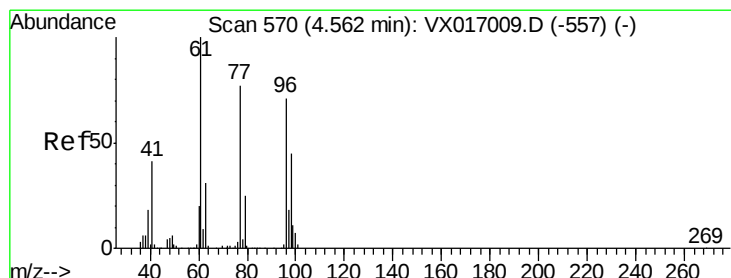
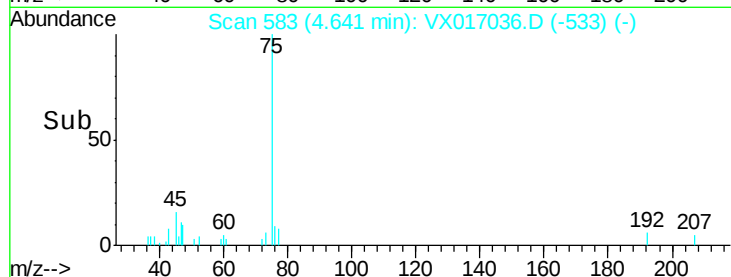
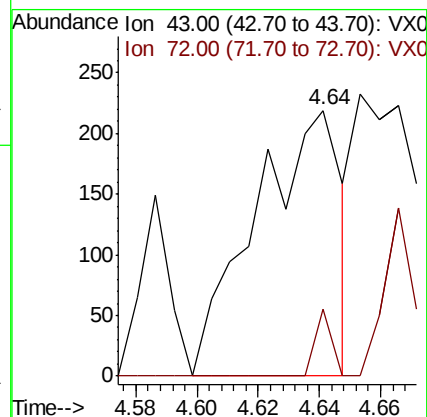
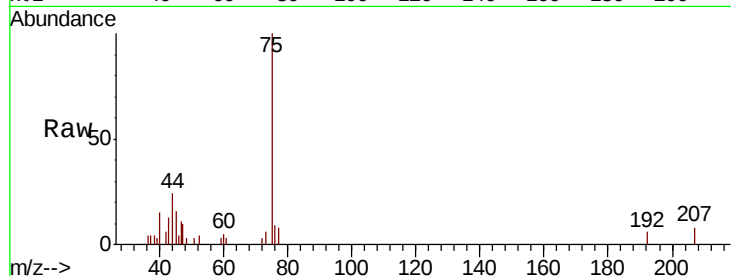
MW-4DL

Tot Ion: 43 Resp: 427

Ion Ratio Lower Upper

43 100

72 25.1 20.8 31.2



#27

cis-1,2-Dichloroethene

Concen: 0.963 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

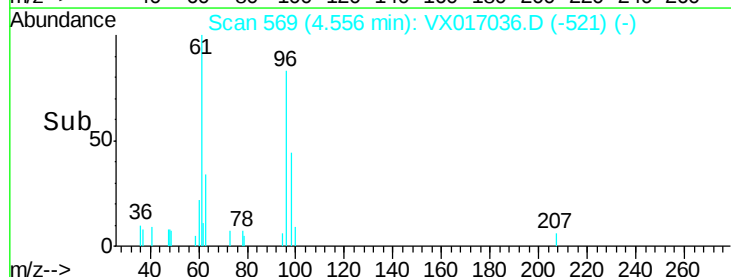
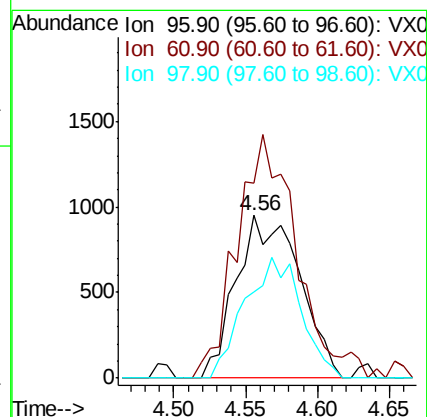
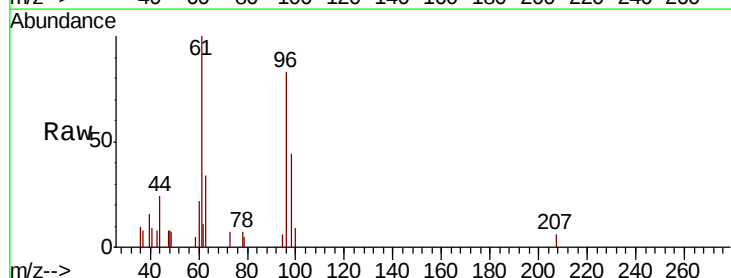
Tgt Ion: 96 Resp: 2915

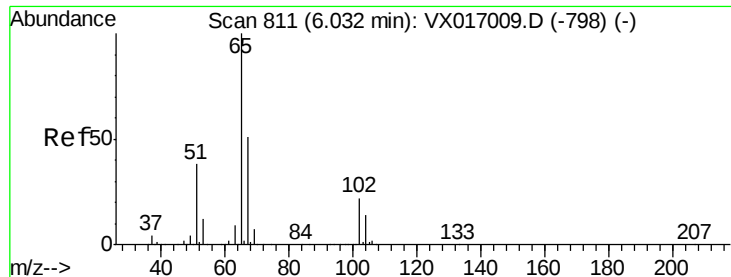
Ion Ratio Lower Upper

96 100

61 140.9 0.0 282.8

98 65.7 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 52.693 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

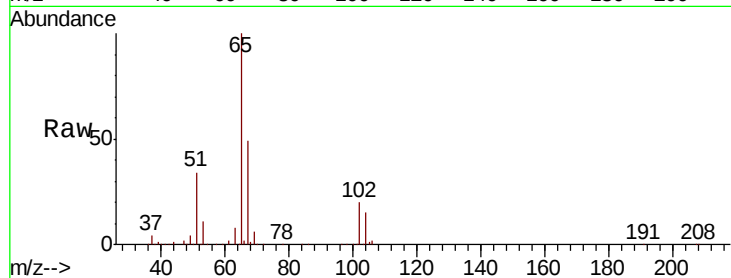
MW-4DL

Tot Ion: 65 Resp: 158053

Ion Ratio Lower Upper

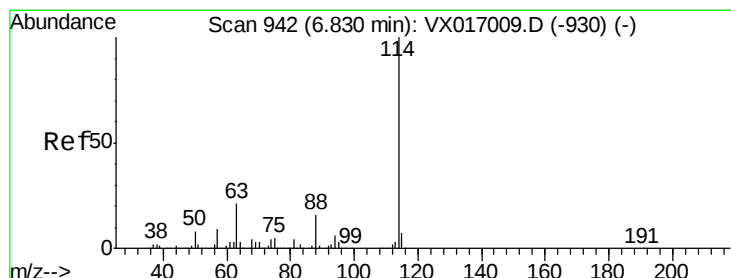
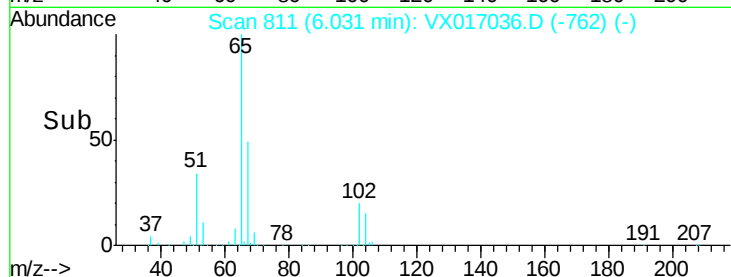
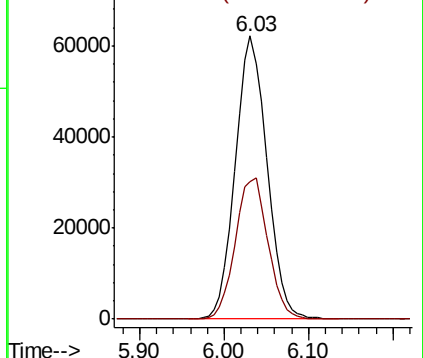
65 100

67 51.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

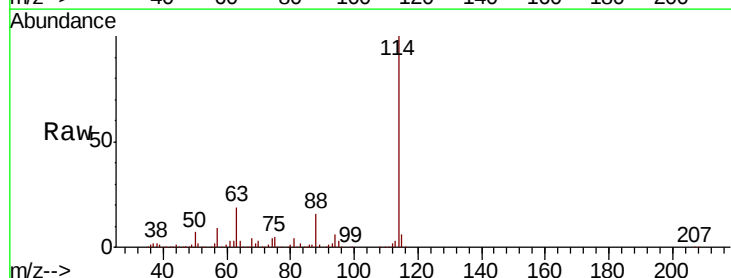
Tgt Ion: 114 Resp: 420528

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

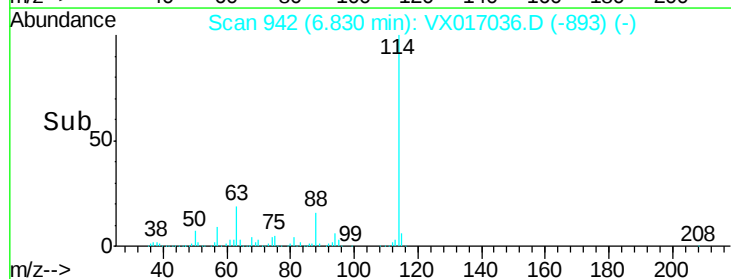
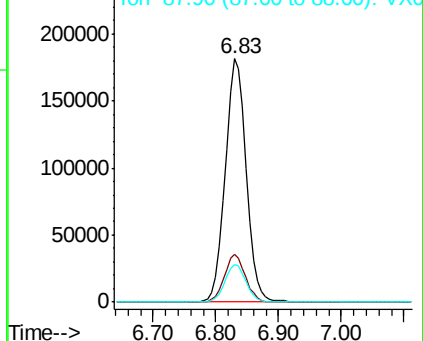
88 15.6 0.0 32.4

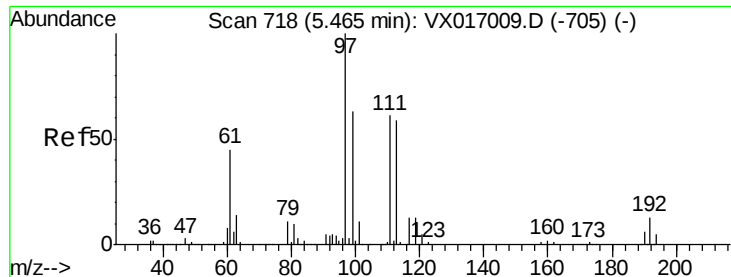


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

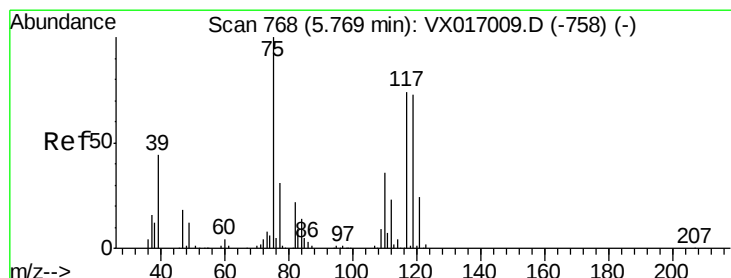
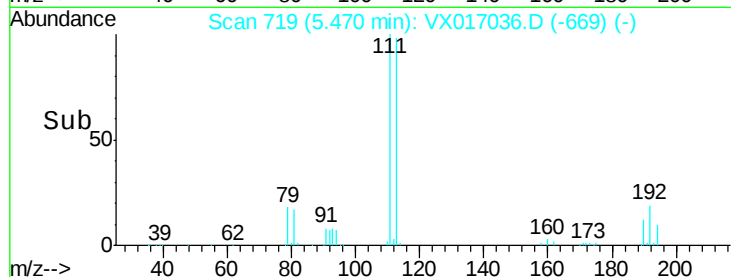
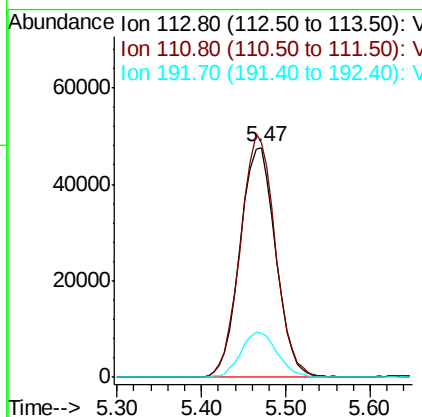
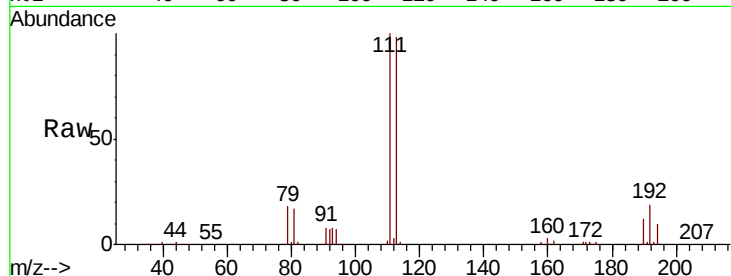




#35
 Dibromofluoromethane
 Concen: 51.573 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017036.D
 Acq: 30 Jun 2020 11:52

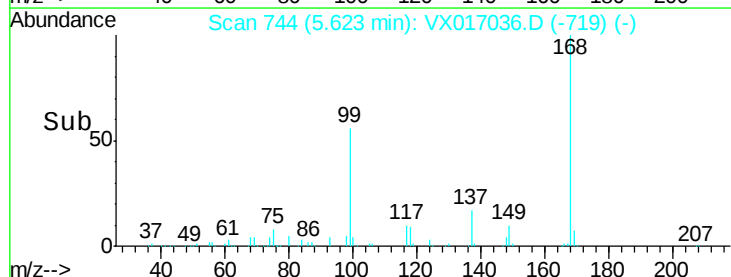
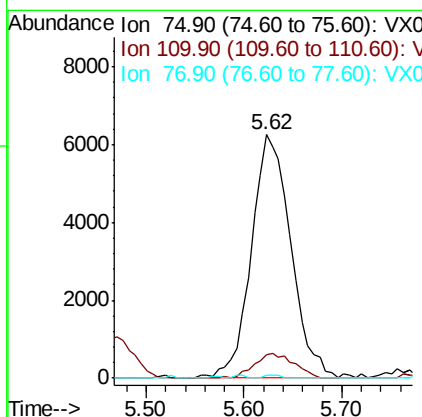
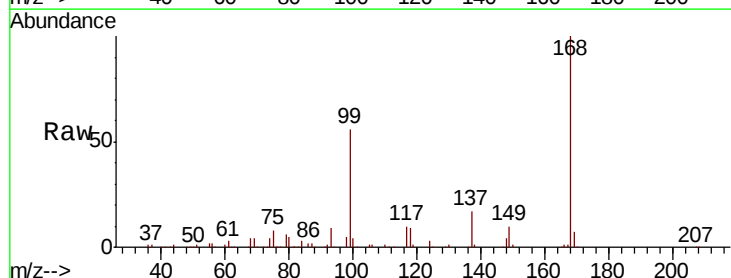
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

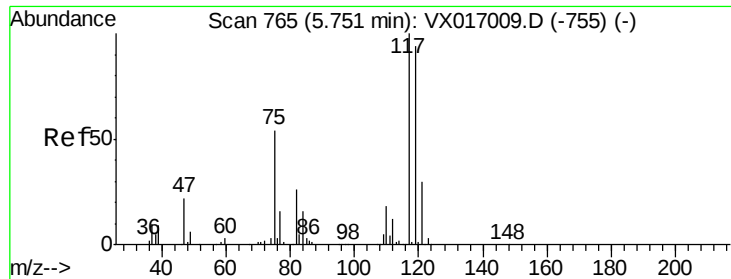
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.9	122.9
192	19.9	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.429 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX017036.D
 Acq: 30 Jun 2020 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.1#
77	0.4	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 5.547 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampled :

MW-4DL

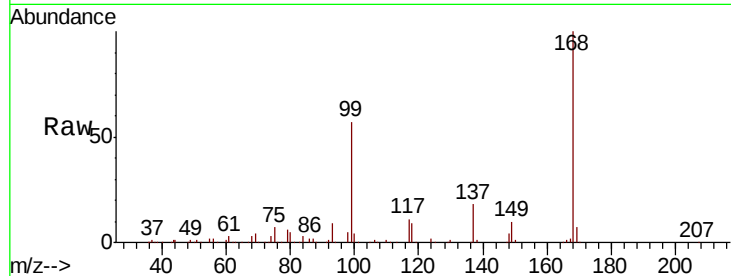
Tot Ion:117 Resp: 24282

Ion Ratio Lower Upper

117 100

119 4.6 75.4 113.0#

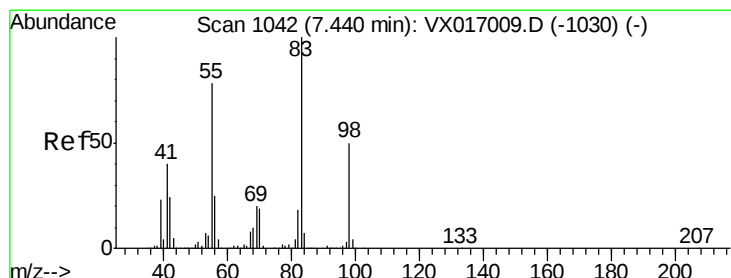
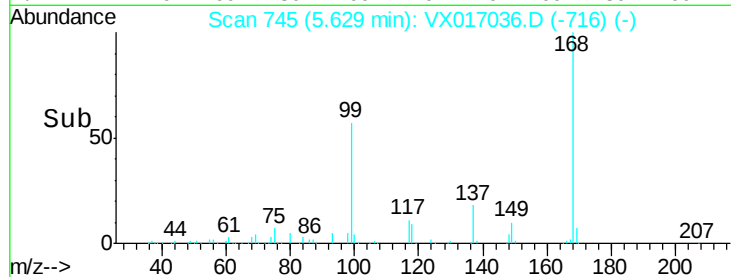
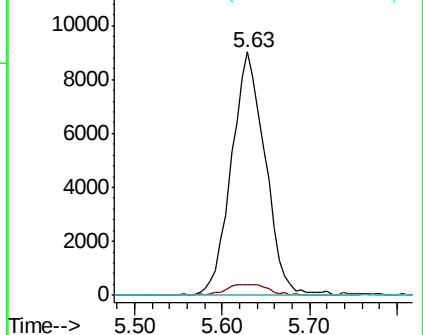
121 0.0 23.8 35.6#



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: 0.235 ug/l

RT: 7.45 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

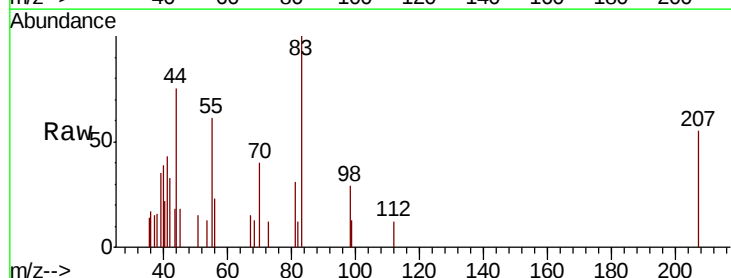
Tgt Ion: 83 Resp: 1037

Ion Ratio Lower Upper

83 100

55 60.8 62.5 93.7#

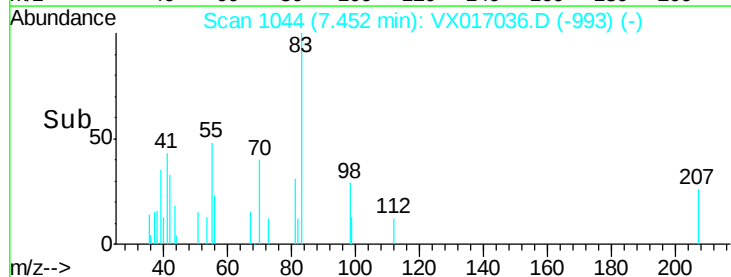
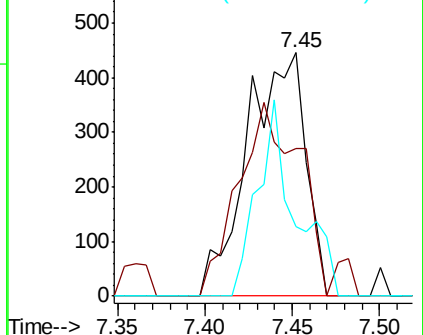
98 28.7 40.1 60.1#

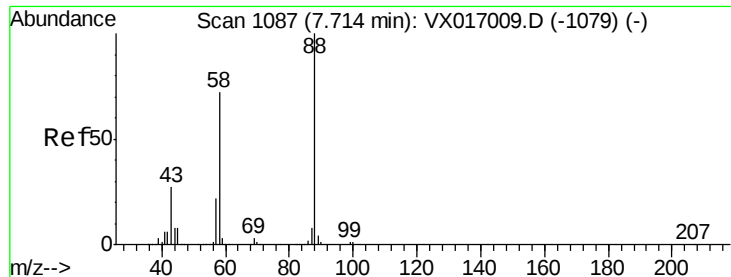


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

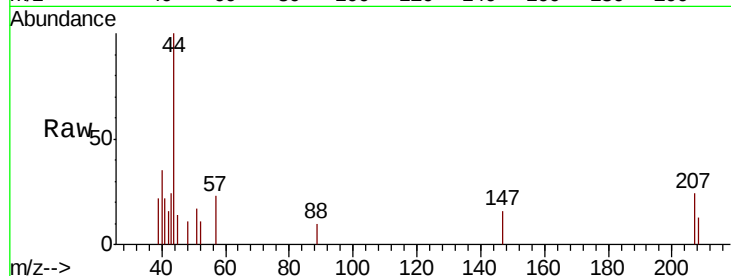




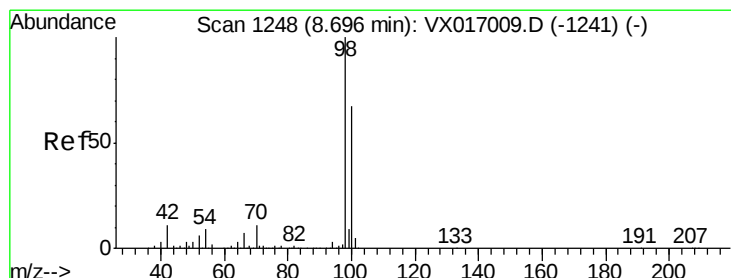
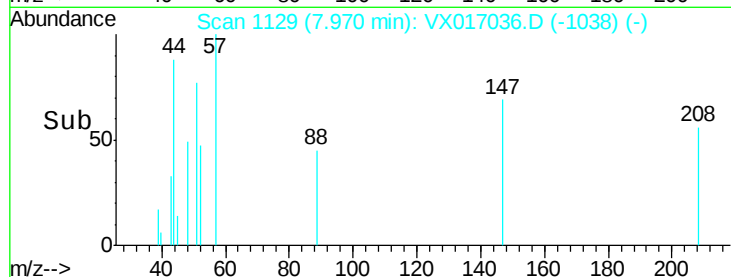
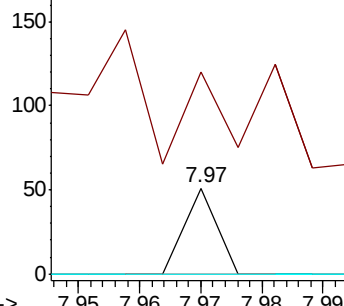
#49
 1,4-Dioxane
 Concen: 0.263 ug/l
 RT: 7.97 min Scan# 1129
 Delta R.T. 0.26 min
 Lab File: VX017036.D
 Acq: 30 Jun 2020 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

Tot Ion: 88 Resp: 19
 Ion Ratio Lower Upper
 88 100
 43 378.9 25.8 38.8#
 58 0.0 54.8 82.2#

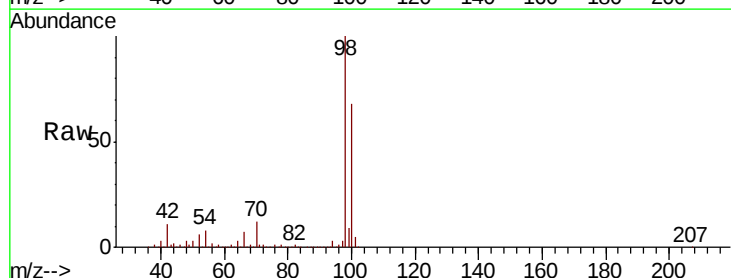


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

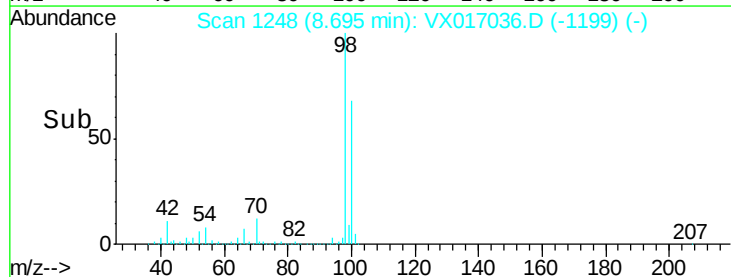
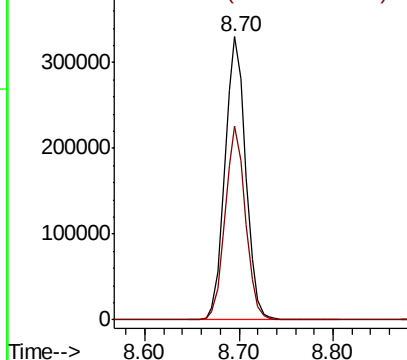


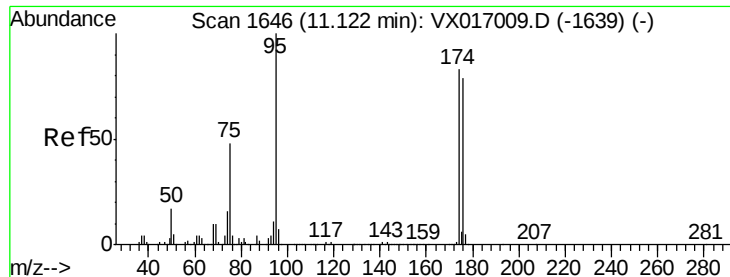
#50
 Toluene-d8
 Concen: 51.151 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017036.D
 Acq: 30 Jun 2020 11:52

Tgt Ion: 98 Resp: 503150
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.8 80.6



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





#62

4-Bromofluorobenzene

Concen: 55.530 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

MW-4DL

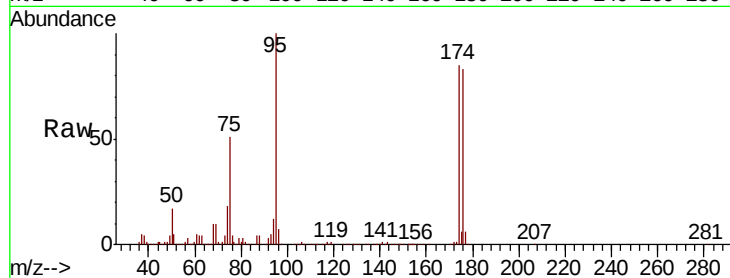
Tot Ion: 95 Resp: 213526

Ion Ratio Lower Upper

95 100

174 83.1 0.0 164.0

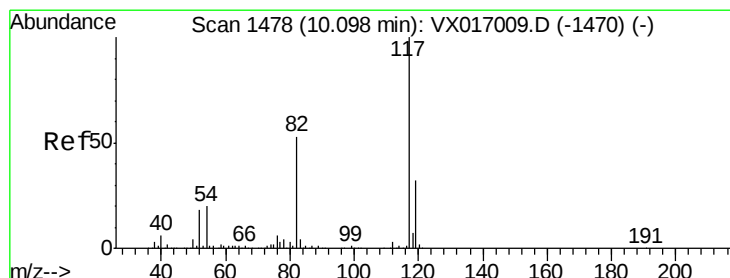
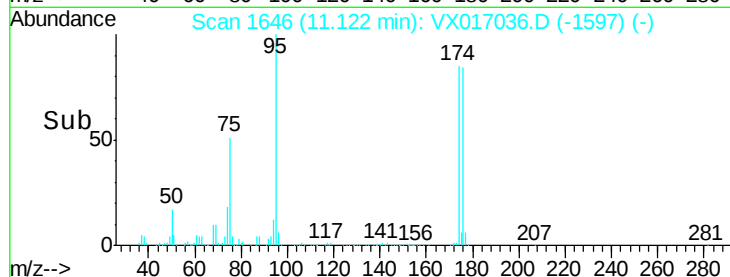
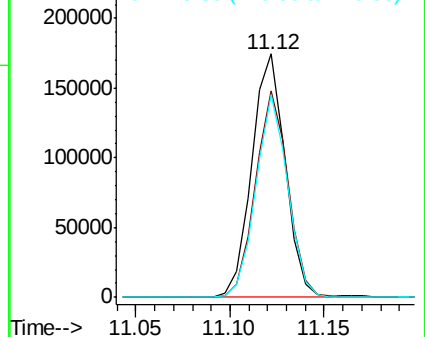
176 80.0 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

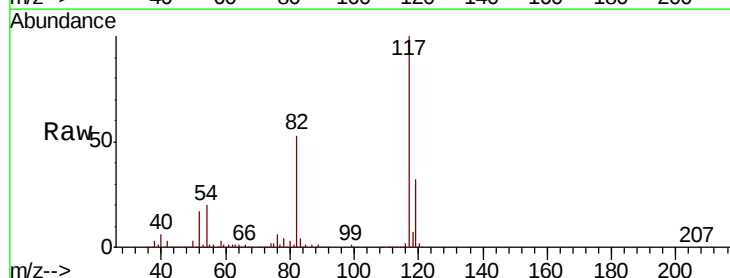
Tgt Ion: 117 Resp: 425178

Ion Ratio Lower Upper

117 100

82 52.9 42.6 63.8

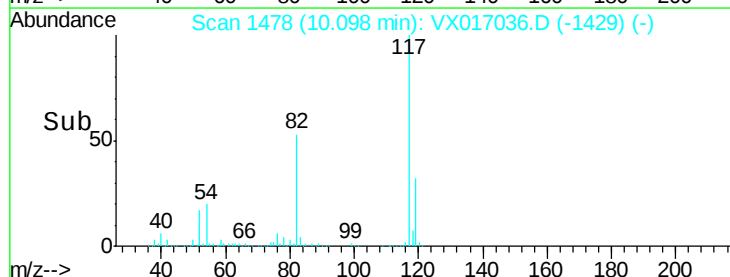
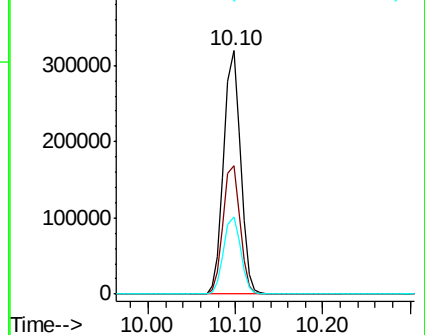
119 32.0 25.4 38.2

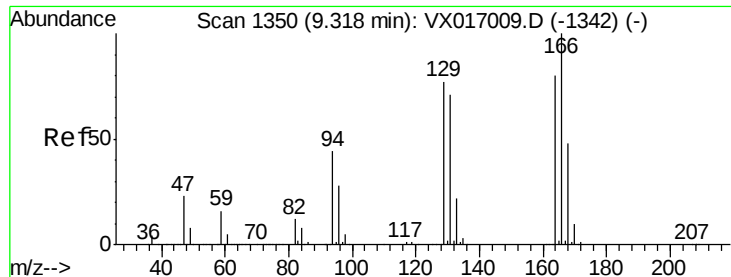


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#64

Tetrachloroethene

Concen: 0.202 ug/l

RT: 9.31 min Scan# 1349

Delta R.T. -0.01 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

MW-4DL

Tot Ion:164 Resp: 694

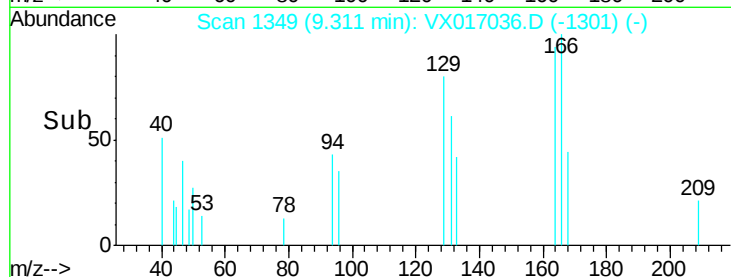
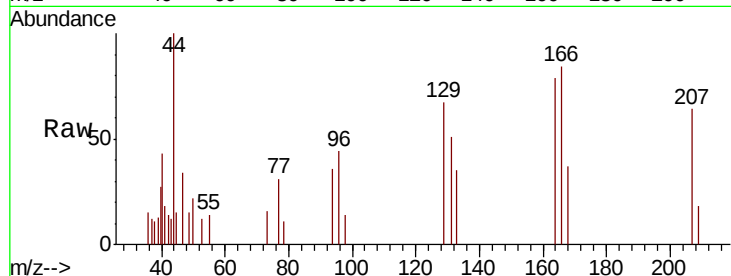
Ion Ratio Lower Upper

164 100

166 105.9 99.4 149.0

129 85.2 76.3 114.5

131 64.2 70.6 105.8#

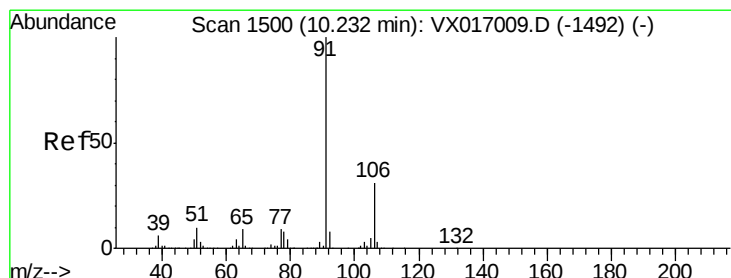
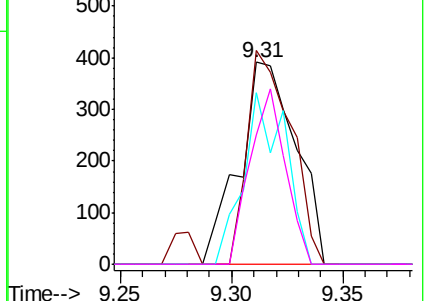


Abundance Ion 163.80 (163.50 to 164.50): V

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: 5.976 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017036.D

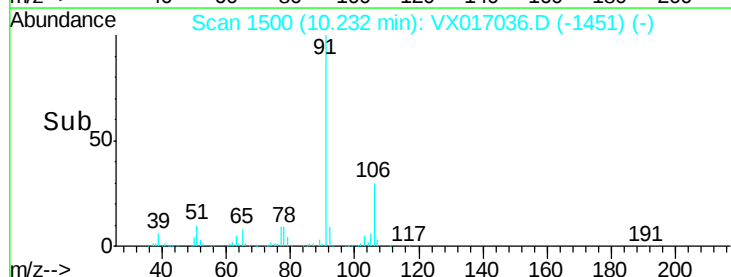
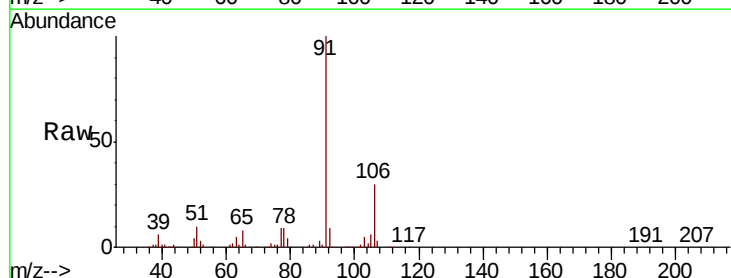
Acq: 30 Jun 2020 11:52

Tgt Ion: 91 Resp: 87580

Ion Ratio Lower Upper

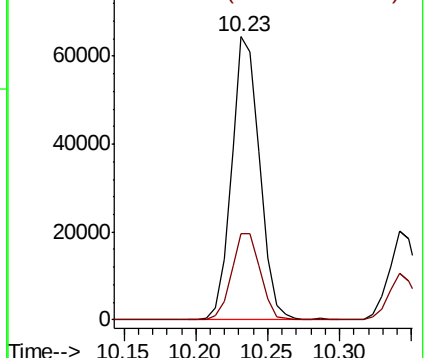
91 100

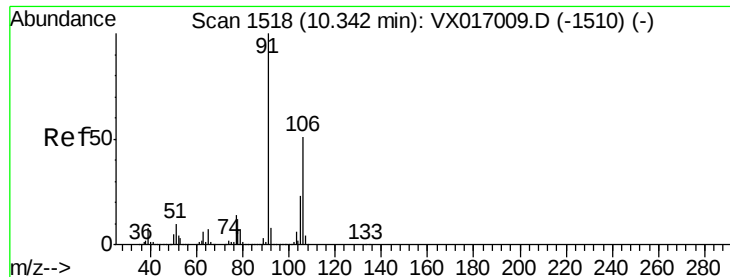
106 30.5 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 2.452 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampled :

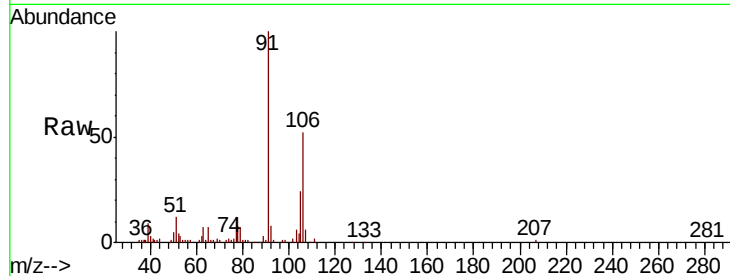
MW-4DL

Tot Ion:106 Resp: 13795

Ion Ratio Lower Upper

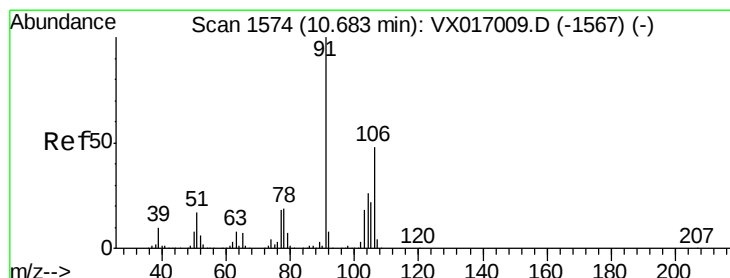
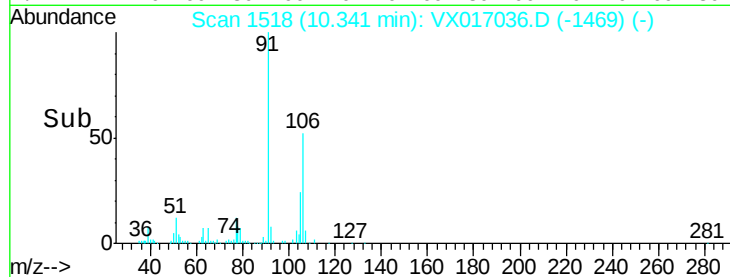
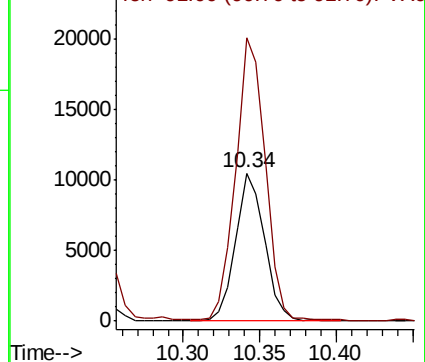
106 100

91 197.1 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.500 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017036.D

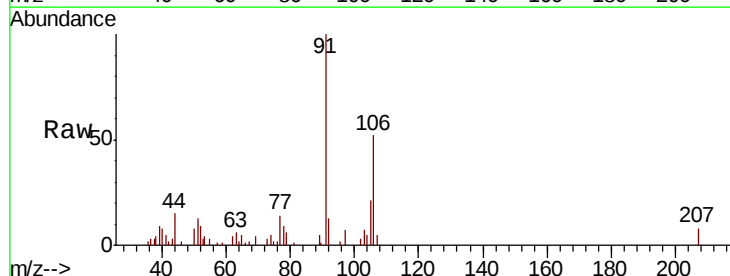
Acq: 30 Jun 2020 11:52

Tgt Ion:106 Resp: 2679

Ion Ratio Lower Upper

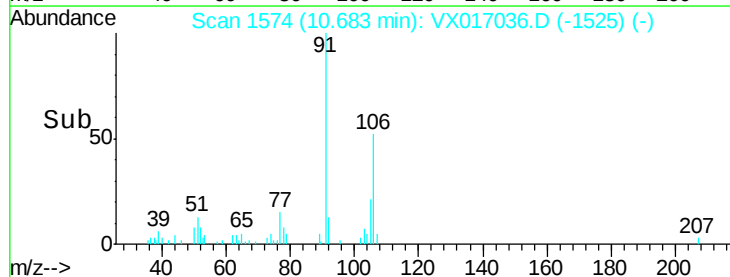
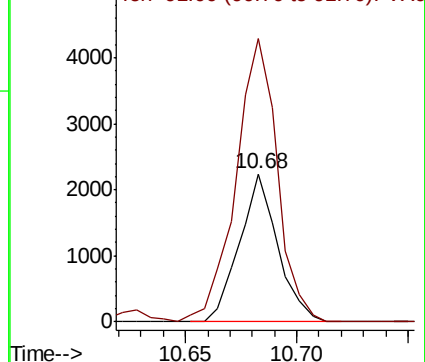
106 100

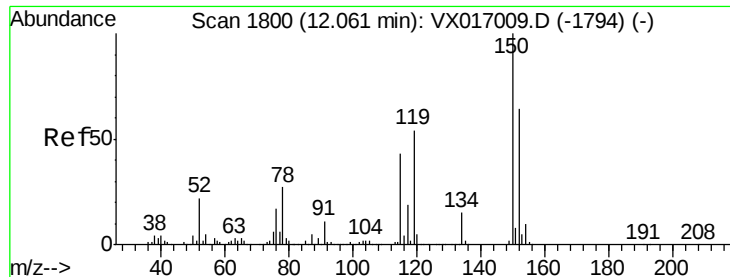
91 207.5 105.6 316.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

MW-4DL

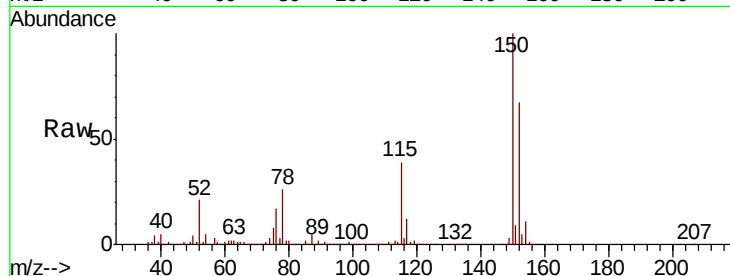
Tot Ion:152 Resp: 236952

Ion Ratio Lower Upper

152 100

115 57.5 40.9 122.7

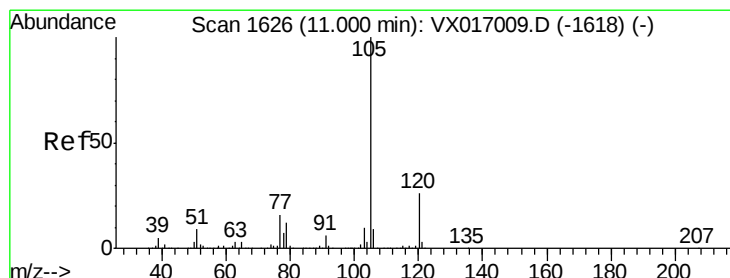
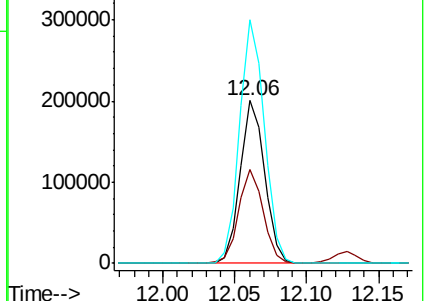
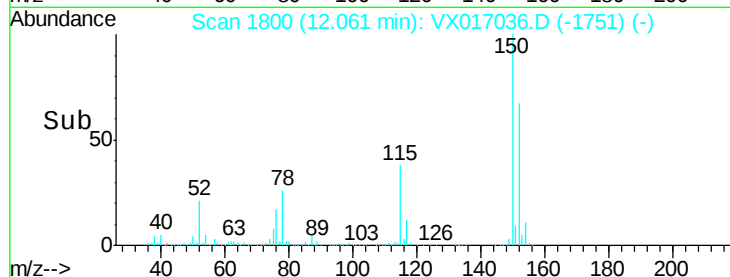
150 152.1 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 5.746 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017036.D

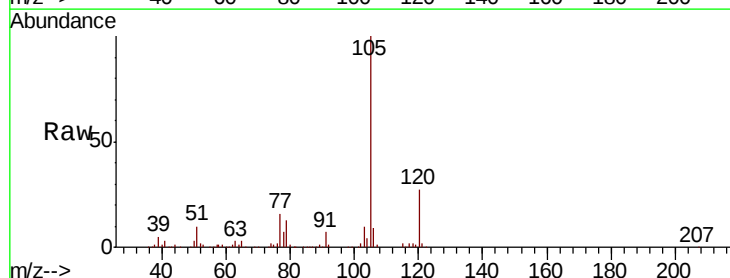
Acq: 30 Jun 2020 11:52

Tgt Ion:105 Resp: 89179

Ion Ratio Lower Upper

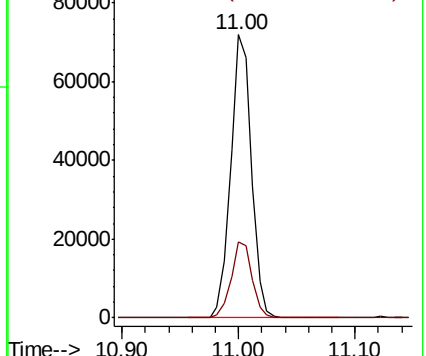
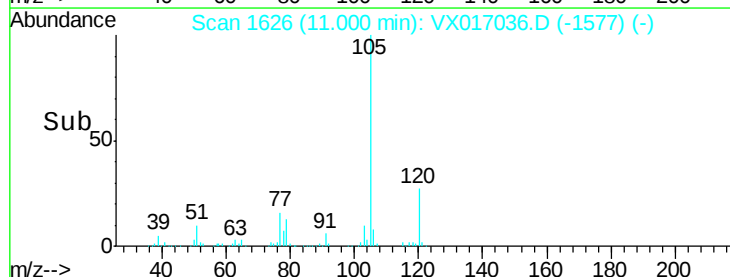
105 100

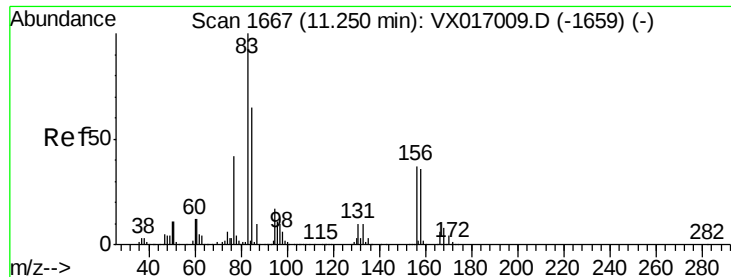
120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.208 ug/l

RT: 11.26 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampleID :

MW-4DL

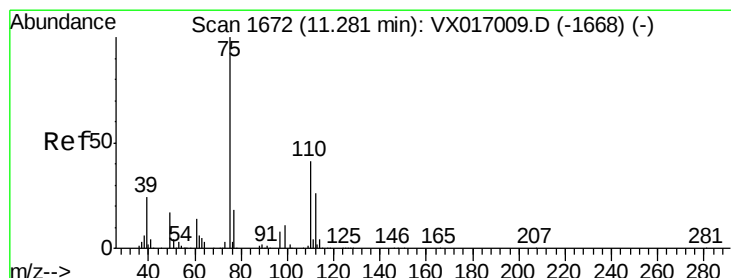
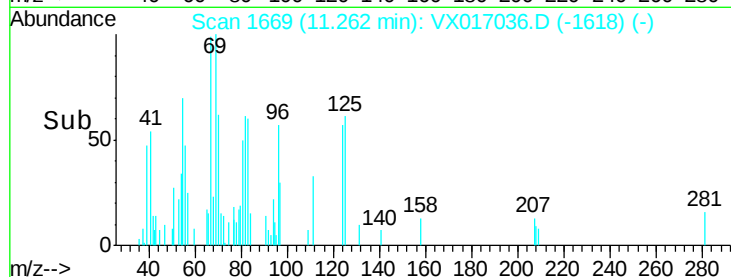
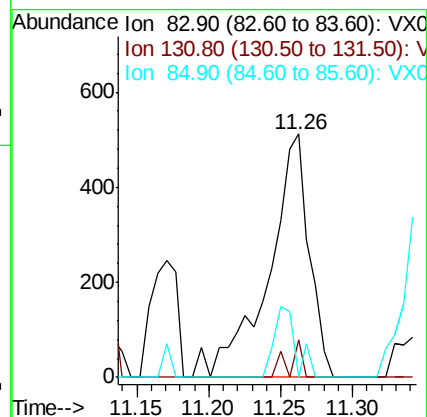
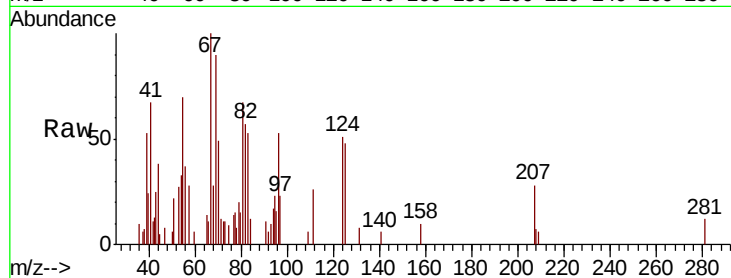
Tot Ion: 83 Resp: 1015

Ion Ratio Lower Upper

83 100

131 2.0 5.4 16.2#

85 15.3 31.9 95.9#



#76

1,2,3-Trichloropropane

Concen: 23.298 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017036.D

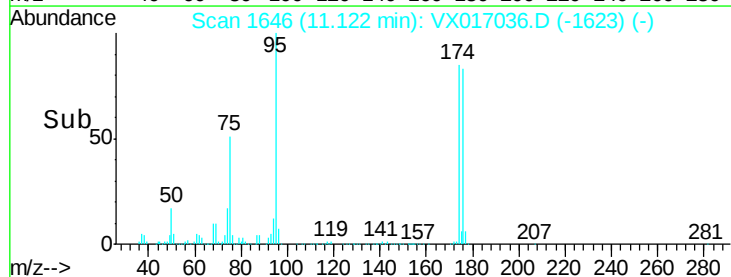
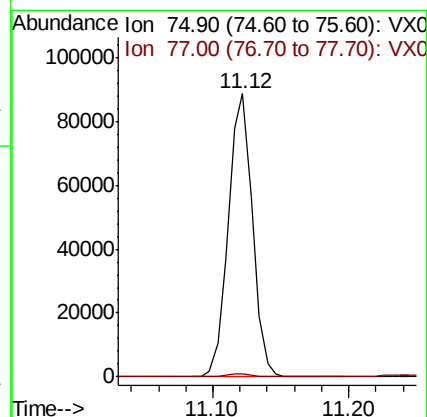
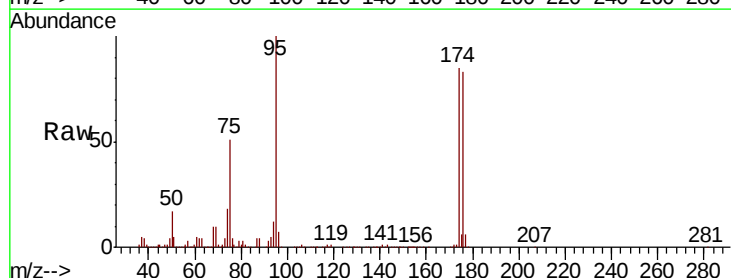
Acq: 30 Jun 2020 11:52

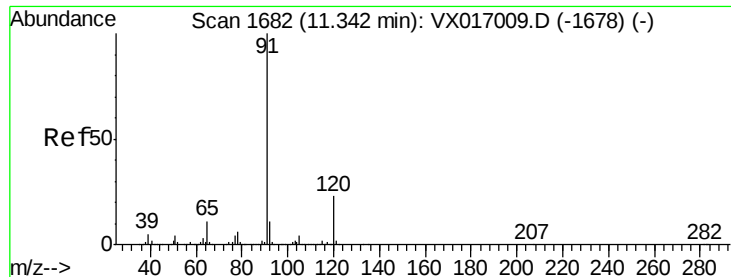
Tgt Ion: 75 Resp: 108558

Ion Ratio Lower Upper

75 100

77 1.2 20.2 60.6#





#78

n-propylbenzene

Concen: 9.616 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

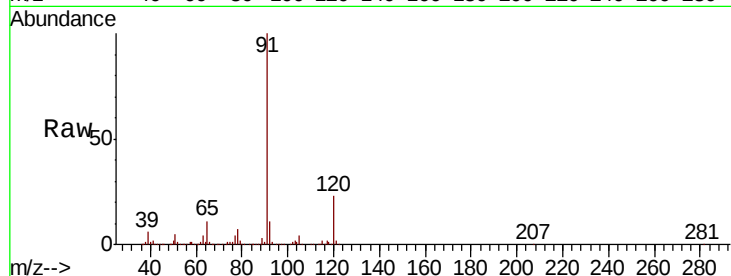
MW-4DL

Tot Ion: 91 Resp: 168773

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

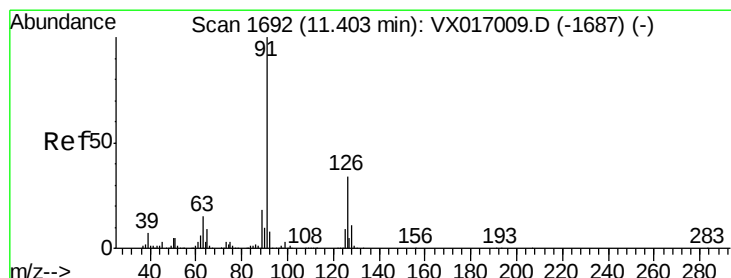
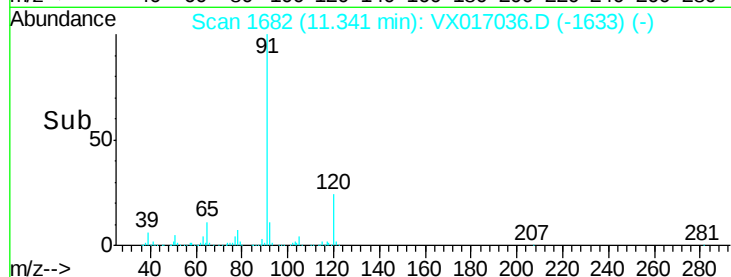
150000

100000

50000

0

Time-->



#79

2-Chlorotoluene

Concen: 0.756 ug/l

RT: 11.43 min Scan# 1697

Delta R.T. 0.03 min

Lab File: VX017036.D

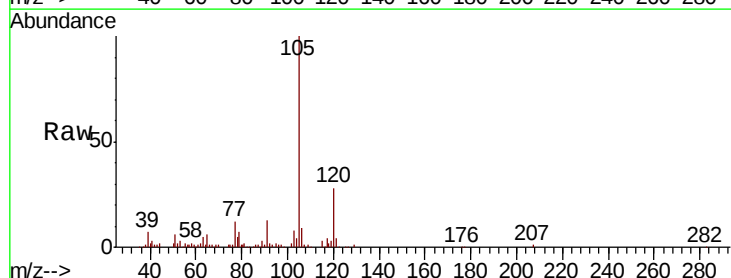
Acq: 30 Jun 2020 11:52

Tgt Ion: 91 Resp: 8028

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.43

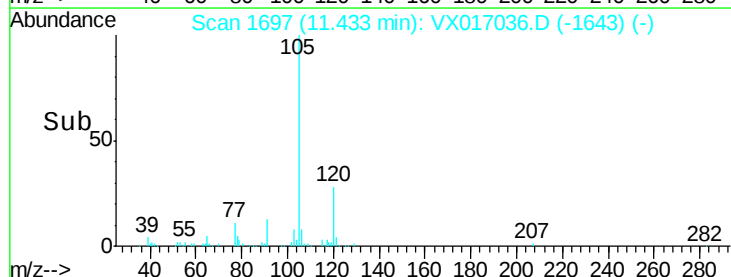
150000

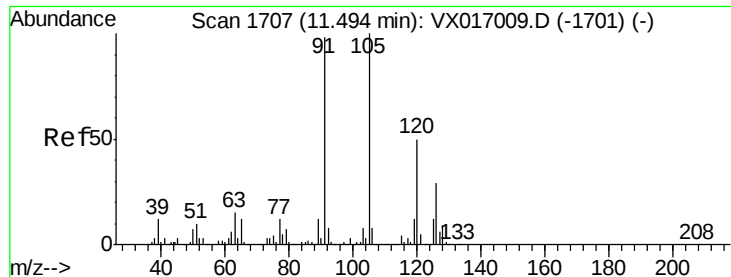
100000

50000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 2.443 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

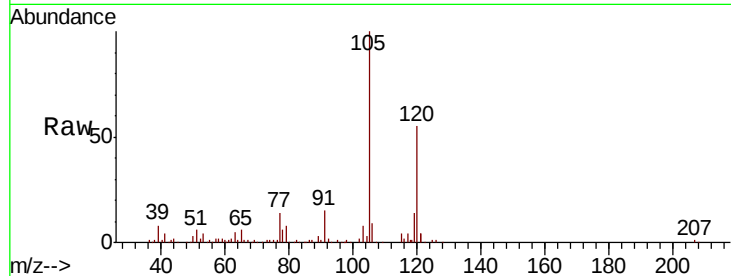
MW-4DL

Tot Ion:105 Resp: 31452

Ion Ratio Lower Upper

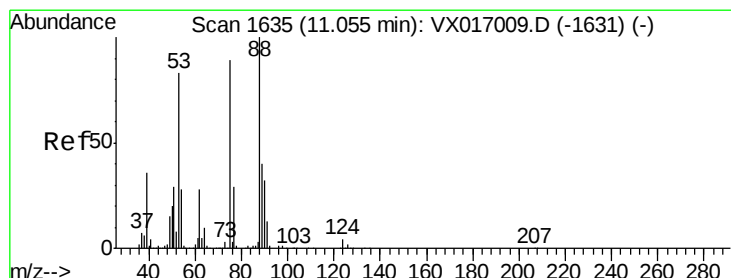
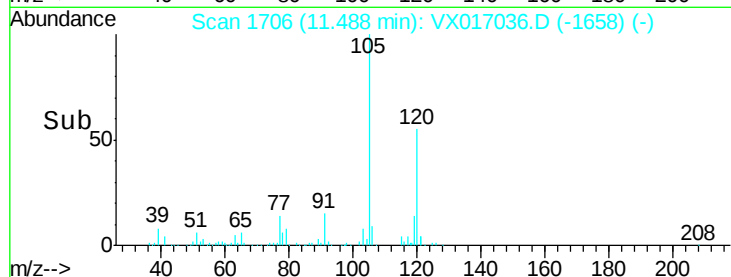
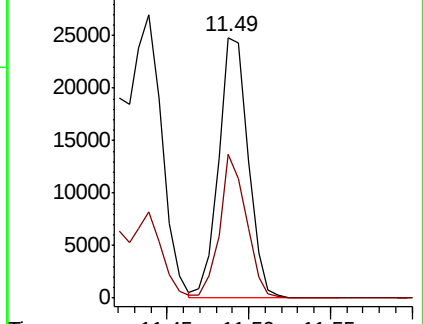
105 100

120 49.7 24.9 74.6



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: 60.334 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

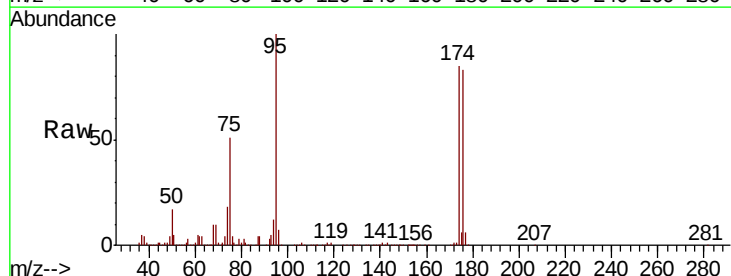
Tgt Ion: 75 Resp: 108558

Ion Ratio Lower Upper

75 100

53 0.2 72.4 108.6#

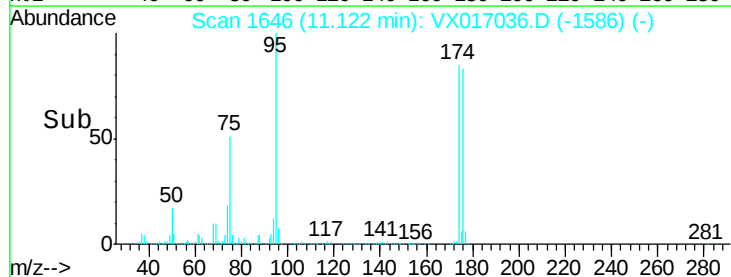
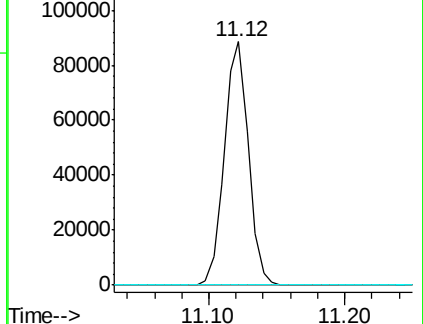
89 0.0 37.0 55.4#

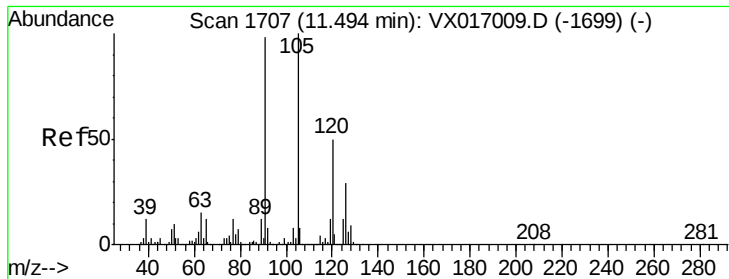


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.632 ug/l

RT: 11.43 min Scan# 1697

Delta R.T. -0.06 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampled :

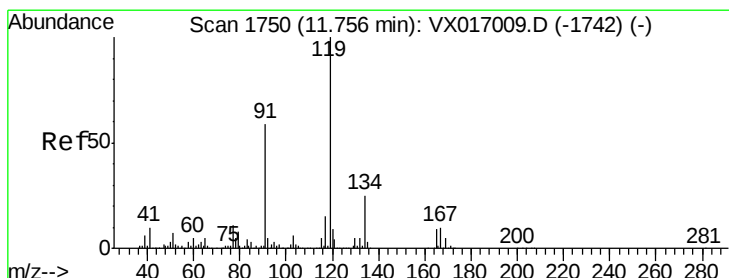
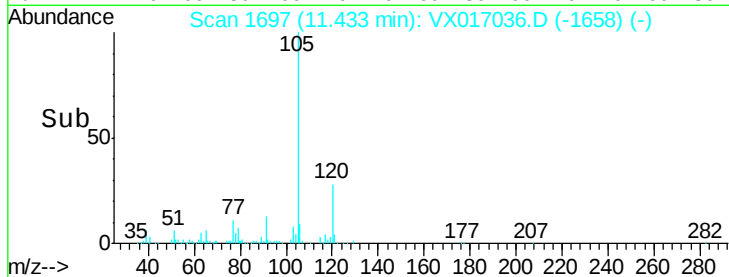
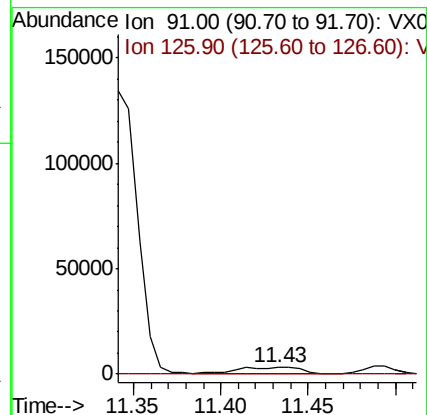
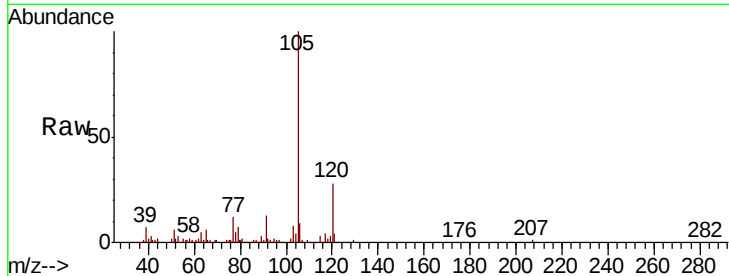
MW-4DL

Tot Ion: 91 Resp: 8028

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.5#



#83

tert-Butylbenzene

Concen: 0.901 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

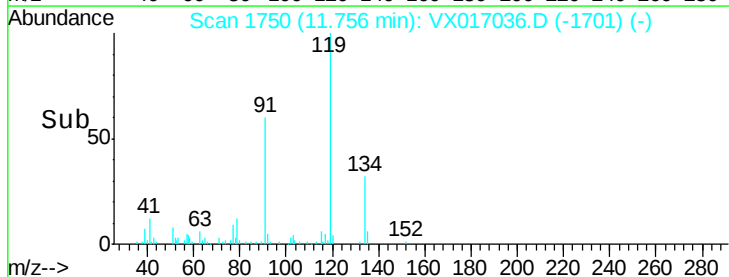
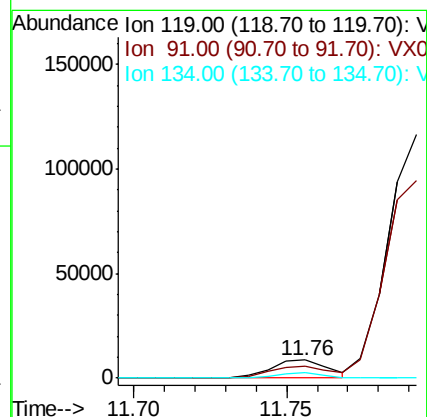
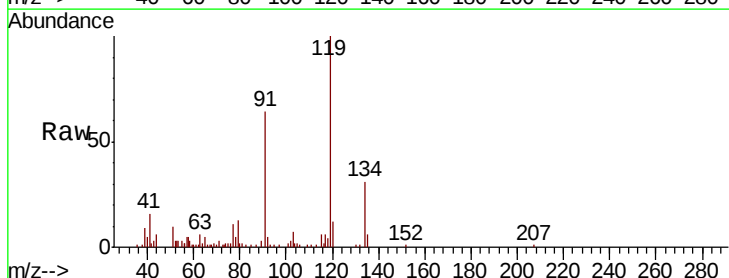
Tgt Ion: 119 Resp: 11388

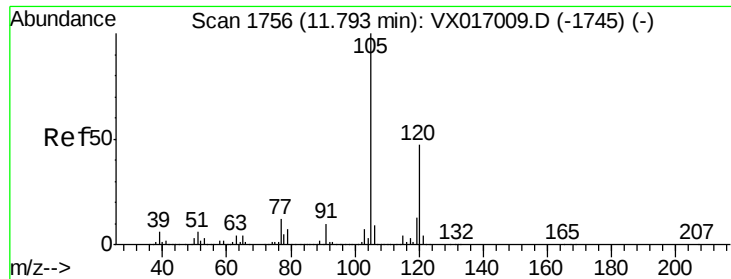
Ion Ratio Lower Upper

119 100

91 70.2 28.3 84.9

134 25.9 11.7 35.1

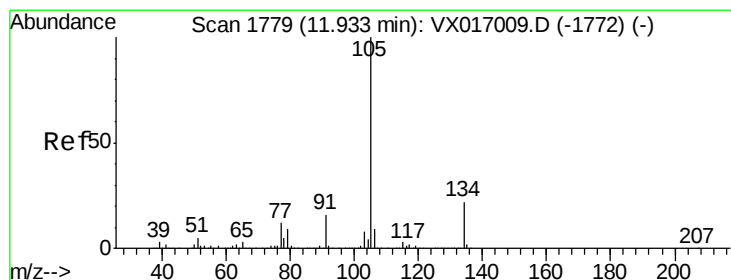
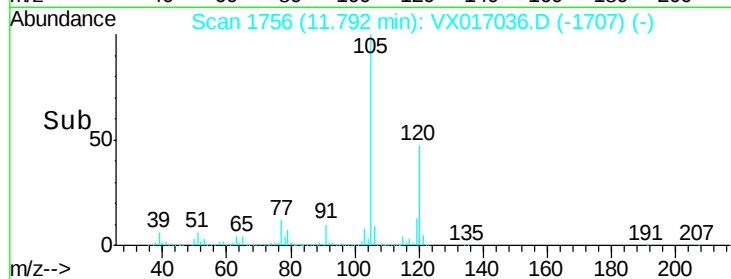
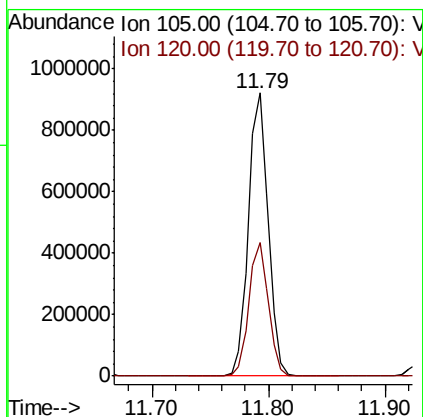
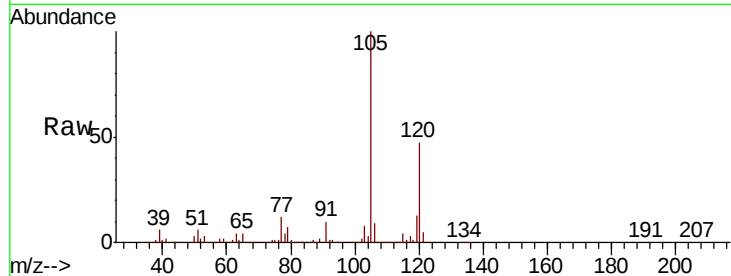




#84
 1,2,4-Trimethylbenzene
 Concen: 83.658 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017036.D
 Acq: 30 Jun 2020 11:52

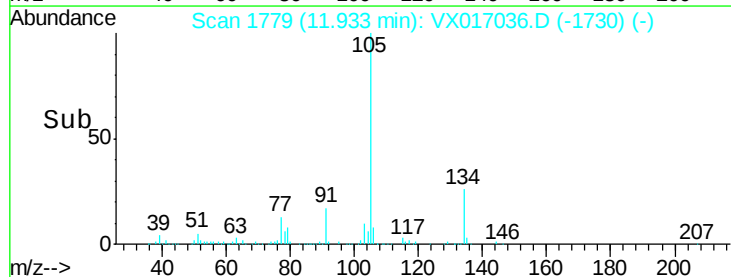
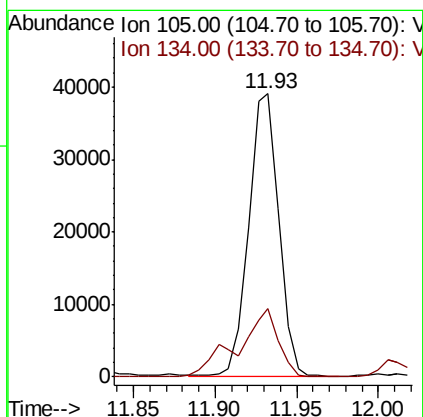
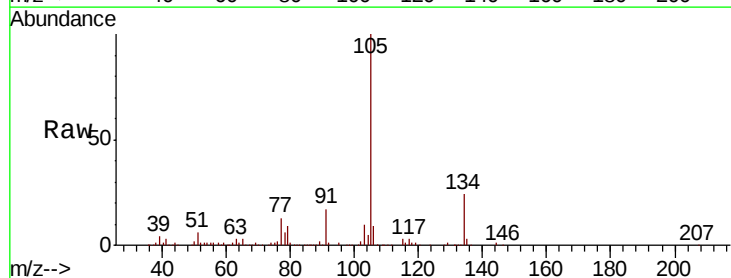
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

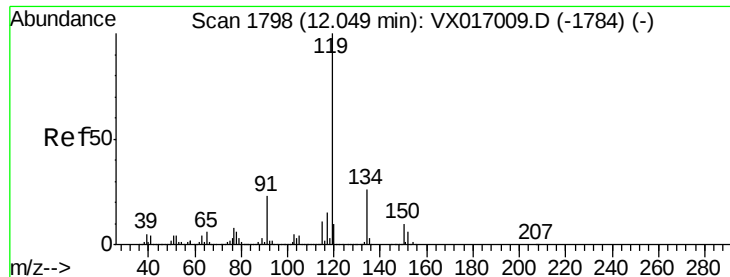
Tot Ion:105 Resp: 1092628
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 3.372 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017036.D
 Acq: 30 Jun 2020 11:52

Tgt Ion:105 Resp: 50093
 Ion Ratio Lower Upper
 105 100
 134 33.0 10.5 31.6#

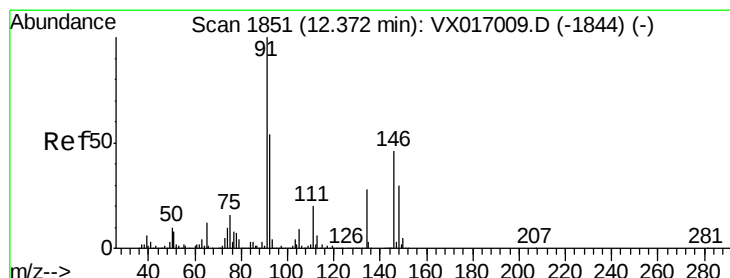
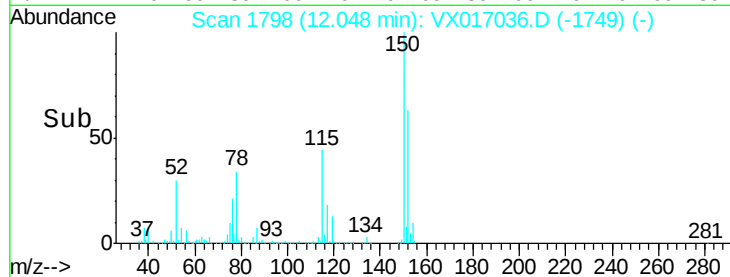
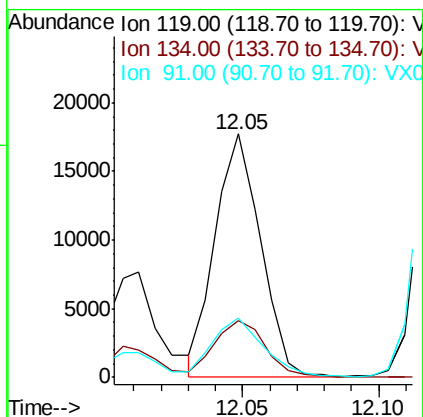
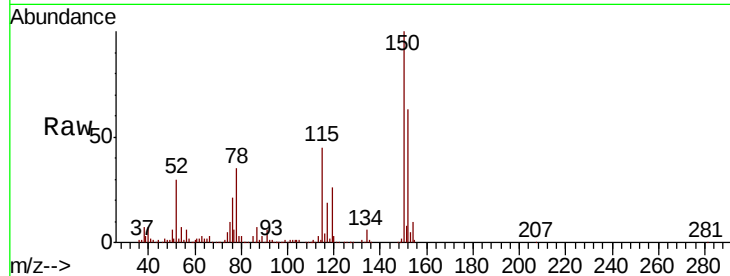




#86
p-Isopropyltoluene
Concen: 1.481 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX017036.D
Acq: 30 Jun 2020 11:52

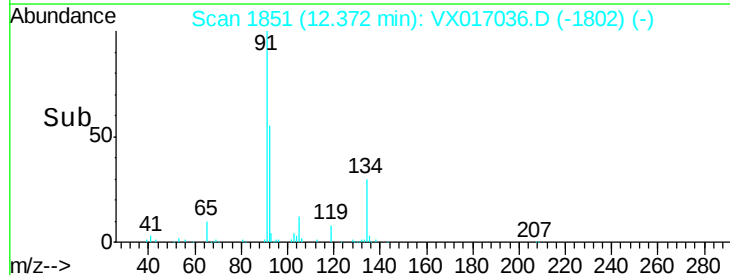
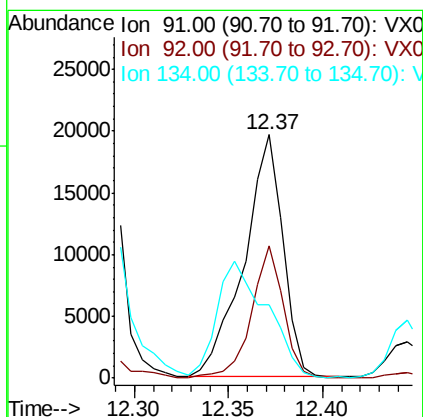
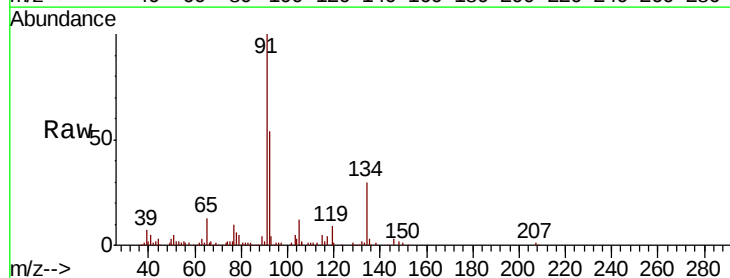
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

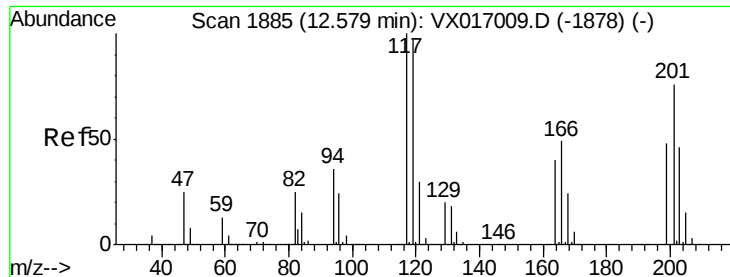
Tot Ion:119 Resp: 20481
Ion Ratio Lower Upper
119 100
134 26.2 13.2 39.5
91 27.4 11.8 35.4



#89
n-Butylbenzene
Concen: 2.274 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017036.D
Acq: 30 Jun 2020 11:52

Tgt Ion: 91 Resp: 28082
Ion Ratio Lower Upper
91 100
92 44.7 27.2 81.6
134 62.1 13.6 40.7#





#90

Hexachloroethane

Concen: 1.687 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

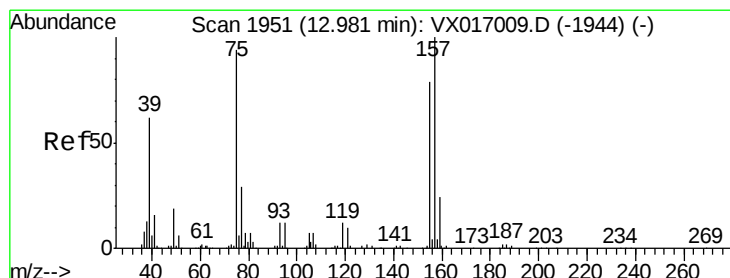
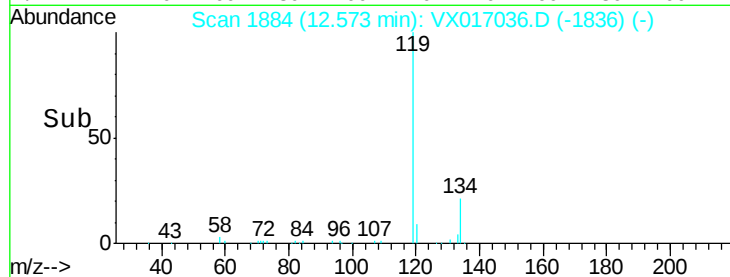
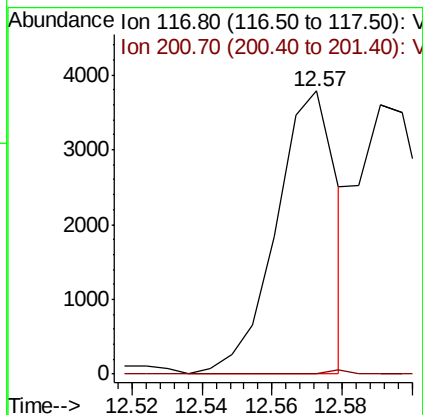
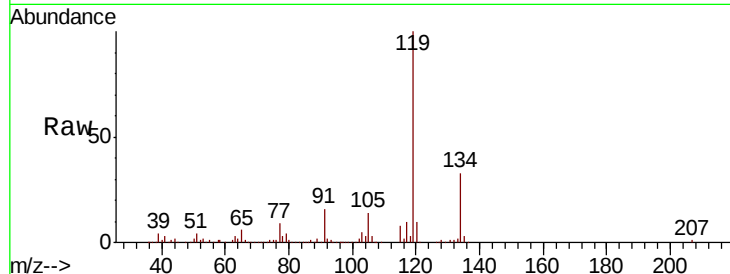
MW-4DL

Tot Ion:117 Resp: 4601

Ion Ratio Lower Upper

117 100

201 0.5 39.4 118.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.407 ug/l

RT: 12.96 min Scan# 1948

Delta R.T. -0.02 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

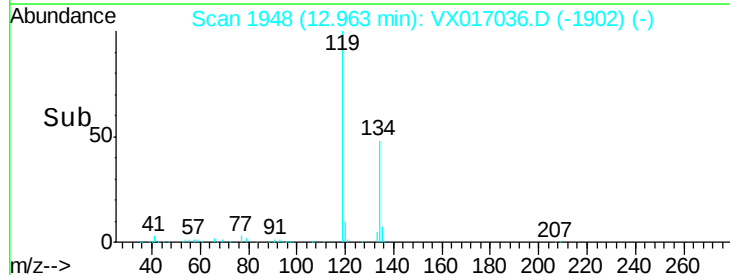
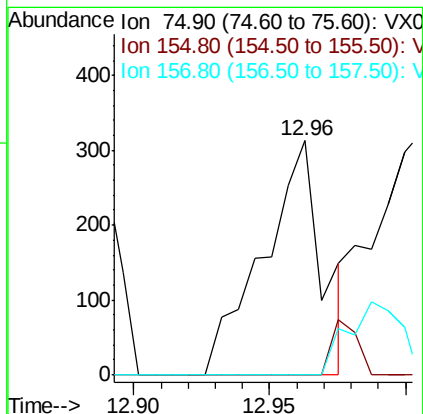
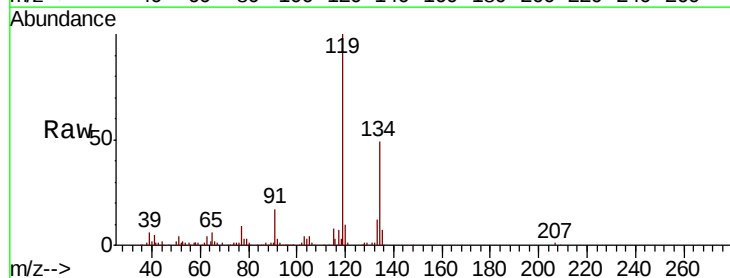
Tgt Ion: 75 Resp: 474

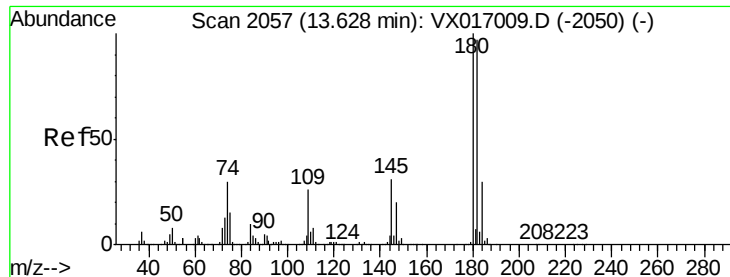
Ion Ratio Lower Upper

75 100

155 0.0 45.1 135.2#

157 0.0 56.5 169.3#

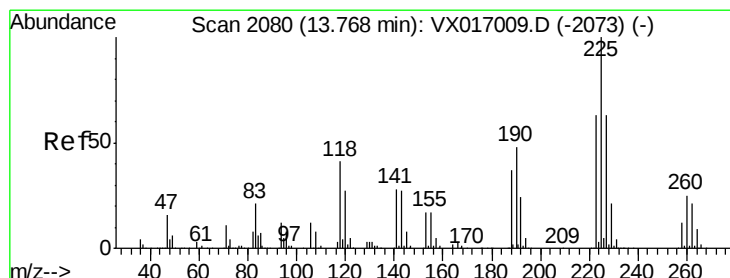
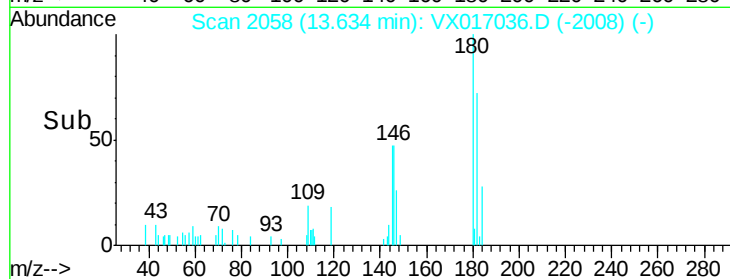
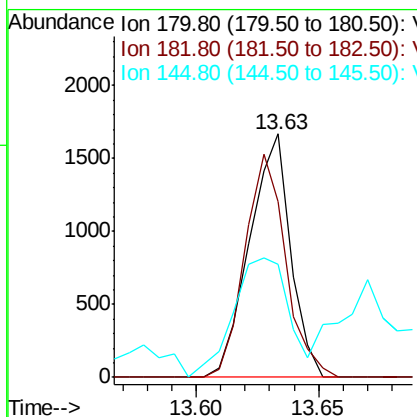
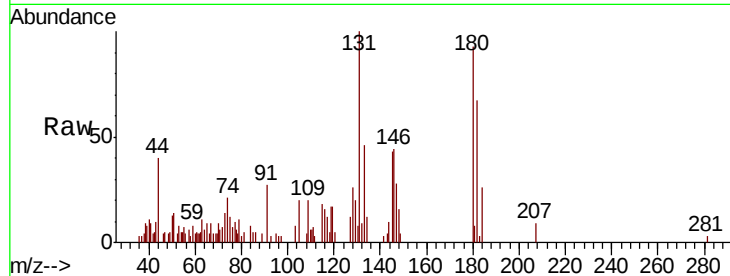




#93
 1,2,4-Trichlorobenzene
 Concen: 0.395 ug/l
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: VX017036.D
 Acq: 30 Jun 2020 11:52

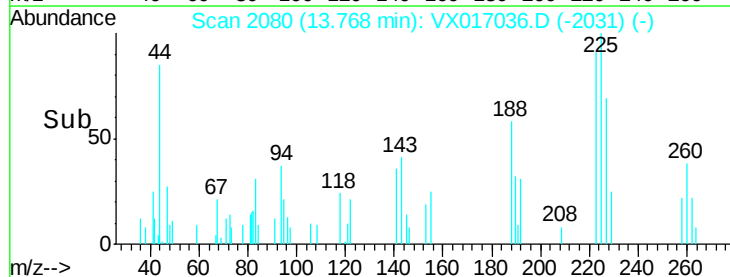
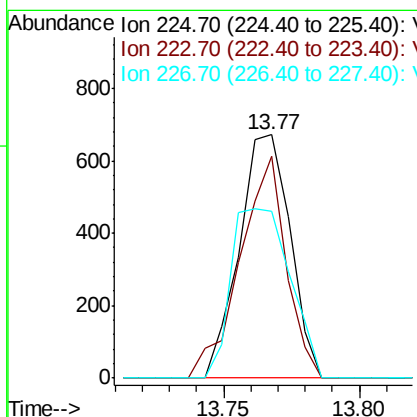
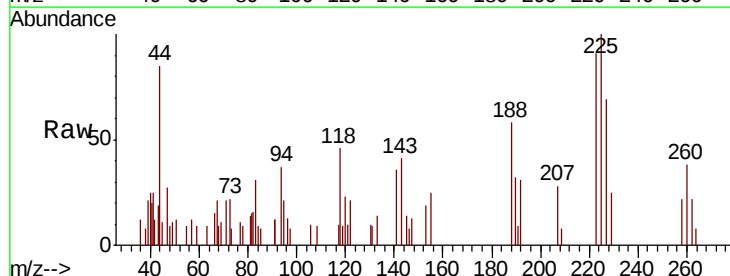
Instrument :
 MSVOA_X
 ClientSampled :
 MW-4DL

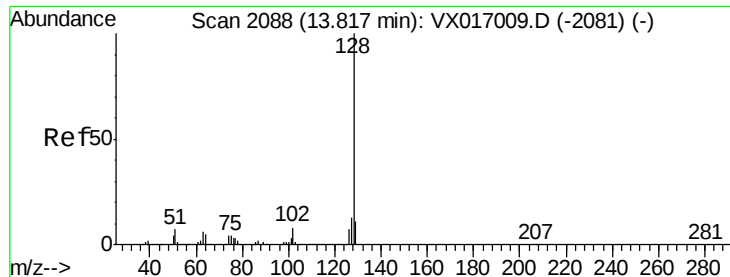
Tot Ion:180 Resp: 1951
 Ion Ratio Lower Upper
 180 100
 182 91.2 47.3 141.9
 145 66.6 15.4 46.2#



#94
 Hexachlorobutadiene
 Concen: 1.301 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017036.D
 Acq: 30 Jun 2020 11:52

Tgt Ion:225 Resp: 871
 Ion Ratio Lower Upper
 225 100
 223 82.5 32.5 97.5
 227 81.2 33.1 99.2





#95

Naphthalene

Concen: 3.628 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

MW-4DL

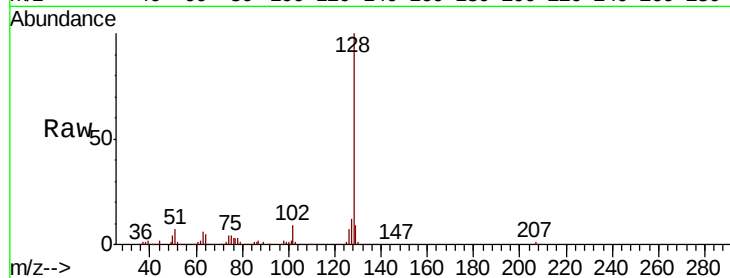
Tot Ion:128 Resp: 54521

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

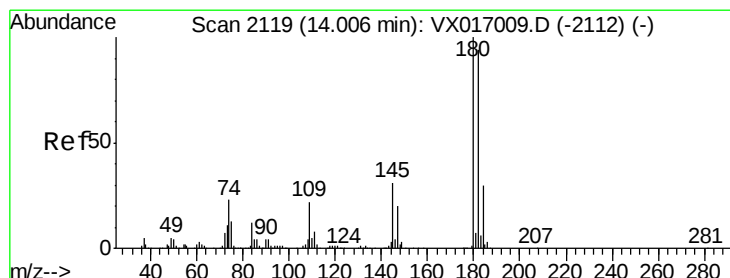
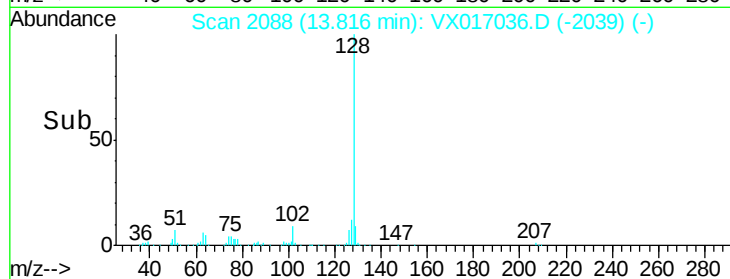
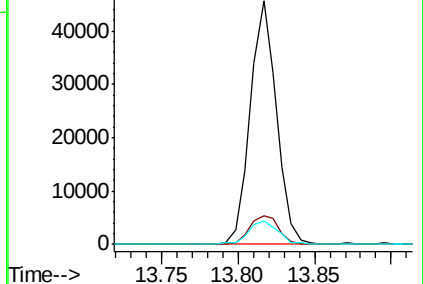
129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 0.315 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX017036.D

Acq: 30 Jun 2020 11:52

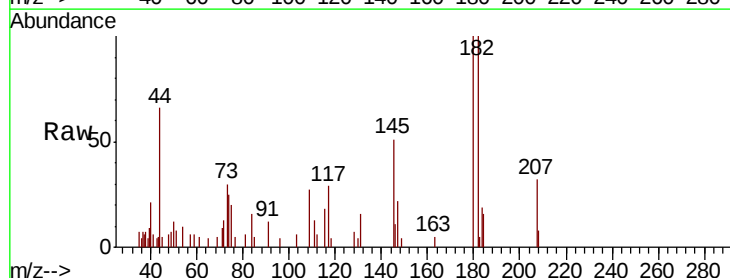
Tgt Ion:180 Resp: 1507

Ion Ratio Lower Upper

180 100

182 104.6 47.1 141.4

145 54.5 16.6 49.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

