

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008149.D
 Acq On : 16 Mar 2019 18:54
 Operator : JC/SP
 Sample : K1960-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-1-9.0-031419

Quant Time: Mar 18 01:16:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	414982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	134960	43.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.54%	
35) Dibromofluoromethane	5.50	113	124849	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.71	98	480615	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
62) 4-Bromofluorobenzene	11.13	95	163833	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	688	0.236	ug/l	99
5) Bromomethane	1.65	94	20	Below Cal	#	2
6) Chloroethane	1.72	64	97	Below Cal	#	43
11) Tert butyl alcohol	3.06	59	1900	3.153	ug/l #	73
13) Acrolein	2.28	56	699	1.259	ug/l #	1
15) Acrylonitrile	3.16	53	734	0.500	ug/l #	39
16) Acetone	2.45	43	23349	15.857	ug/l	98
18) Methyl Acetate	2.78	43	5413	1.701	ug/l #	87
19) Methyl tert-butyl Ether	3.21	73	3758	0.471	ug/l #	40
20) Methylene Chloride	2.86	84	12549	4.772	ug/l	91
25) 2-Butanone	4.70	43	96572	42.728	ug/l	94
26) 2,2-Dichloropropane	4.40	77	813	0.227	ug/l #	51
29) Tetrahydrofuran	5.17	42	1417	1.004	ug/l #	49
31) Cyclohexane	5.58	56	20870	4.680	ug/l	90
36) 1,1-Dichloropropene	5.67	75	17797	5.213	ug/l #	50
37) Ethyl Acetate	4.70	43	96572	26.320	ug/l #	68
38) Carbon Tetrachloride	5.67	117	25579	7.784	ug/l #	17
39) Methylcyclohexane	7.46	83	21404	4.905	ug/l	97
40) Benzene	6.15	78	29262	2.798	ug/l	100
41) Methacrylonitrile	5.06	41	619	0.290	ug/l #	25
43) Isopropyl Acetate	6.46	43	1580	0.267	ug/l #	60
48) Methyl methacrylate	7.73	41	2145	0.695	ug/l #	30
51) 4-Methyl-2-Pentanone	8.65	43	4821	1.238	ug/l	97
52) Toluene	8.79	92	6046	0.909	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	2588	0.956	ug/l #	20
56) Ethyl methacrylate	9.16	69	925	0.231	ug/l #	57
59) 2-Hexanone	9.49	43	775	0.254	ug/l	76
67) Ethyl Benzene	10.25	91	4842	0.411	ug/l	91
68) m/p-Xylenes	10.35	106	10354	2.296	ug/l	98
69) o-Xylene	10.69	106	4475	1.018	ug/l	94
73) Isopropylbenzene	11.02	105	22662	2.030	ug/l	99
74) N-amyl acetate	10.91	43	2636	0.560	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	4626	1.265	ug/l #	35
76) 1,2,3-Trichloropropane	11.13	75	71693	23.681	ug/l #	40

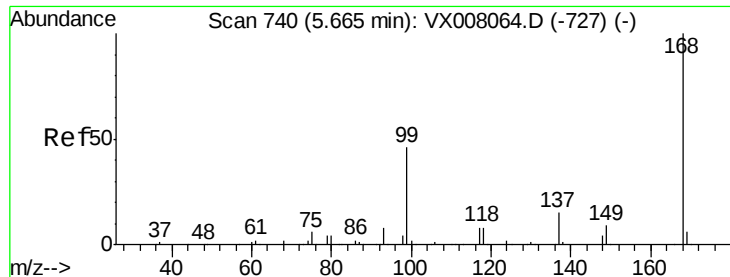
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008149.D
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.36	91	40205	3.282	ug/l	100
79) 2-Chlorotoluene	11.43	91	2988	0.399	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.51	105	7308	0.794	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	71693	67.389	ug/l #	11
82) 4-Chlorotoluene	11.43	91	2988	0.349	ug/l #	48
83) tert-Butylbenzene	11.77	119	2508	0.272	ug/l #	68
84) 1,2,4-Trimethylbenzene	11.80	105	21915	2.309	ug/l	100
85) sec-Butylbenzene	11.94	105	7463	0.679	ug/l	94
86) p-Isopropyltoluene	12.02	119	2641	0.266	ug/l	93
89) n-Butylbenzene	12.38	91	7638	0.919	ug/l #	47
90) Hexachloroethane	12.66	117	4439	2.792	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	160	0.216	ug/l #	1
95) Naphthalene	13.83	128	208378	19.442	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

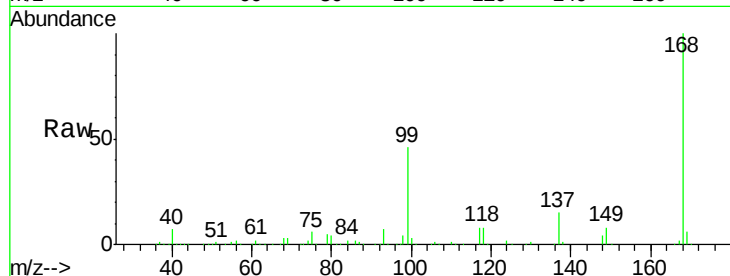
T3-MW-1-9.0-031419

Tot Ion:168 Resp: 309197

Ion Ratio Lower Upper

168 100

99 46.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

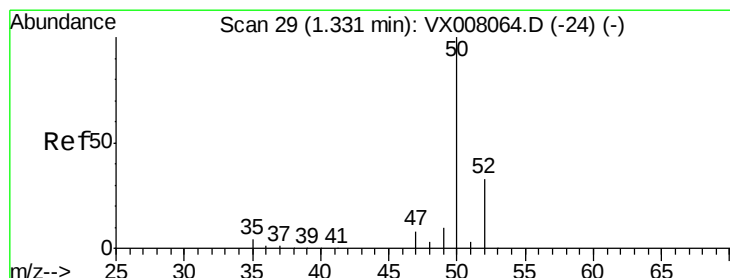
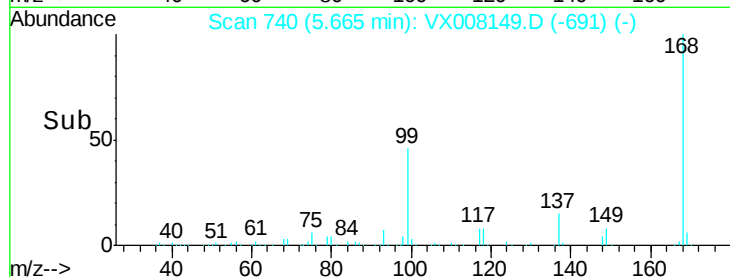
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.236 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008149.D

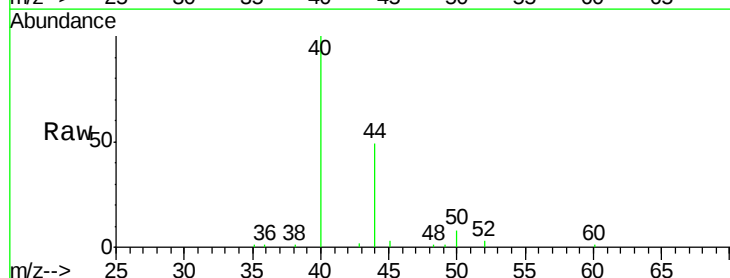
Acq: 16 Mar 2019 18:54

Tgt Ion: 50 Resp: 688

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

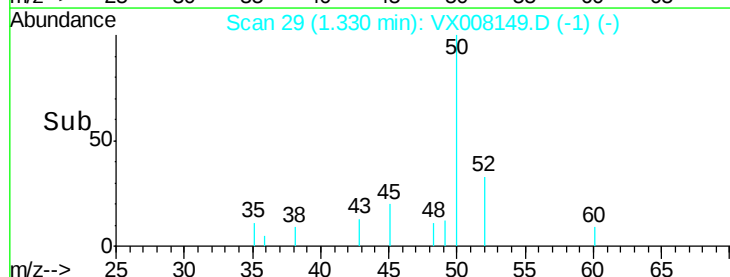
600

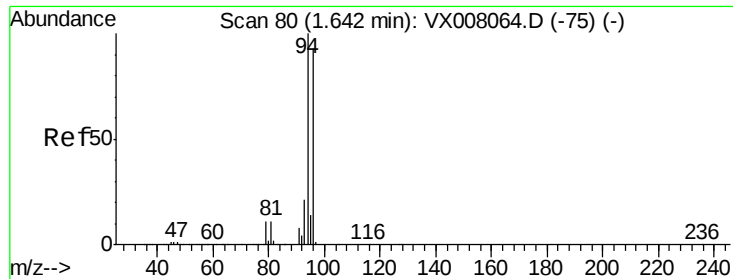
400

200

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

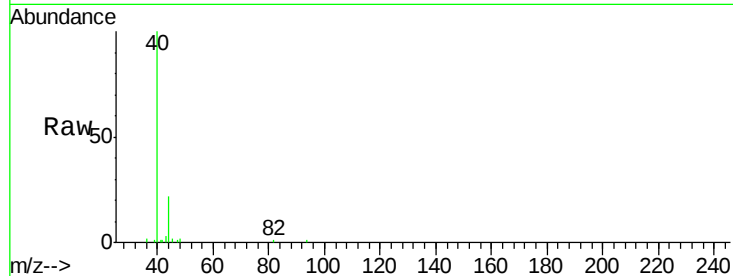
T3-MW-1-9.0-031419

Tot Ion: 94 Resp: 20

Ion Ratio Lower Upper

94 100

96 0.0 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

60

50

40

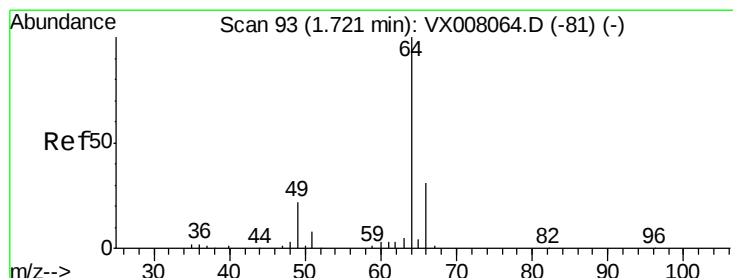
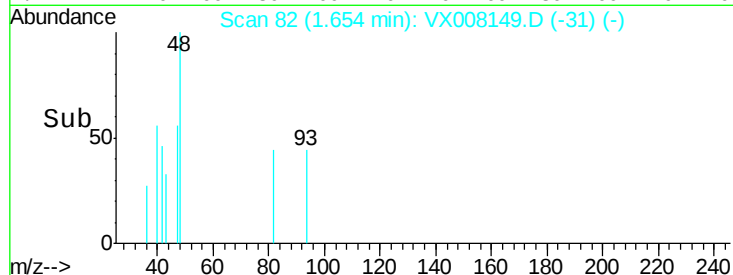
30

20

10

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008149.D

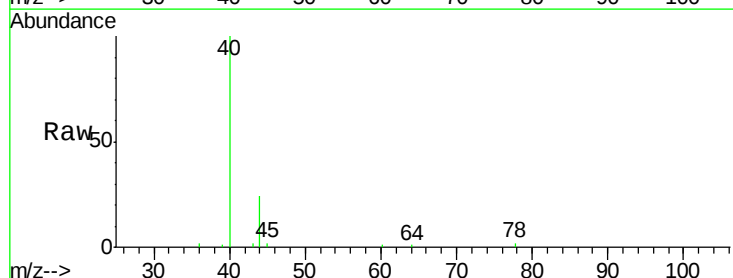
Acq: 16 Mar 2019 18:54

Tgt Ion: 64 Resp: 97

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

120

100

80

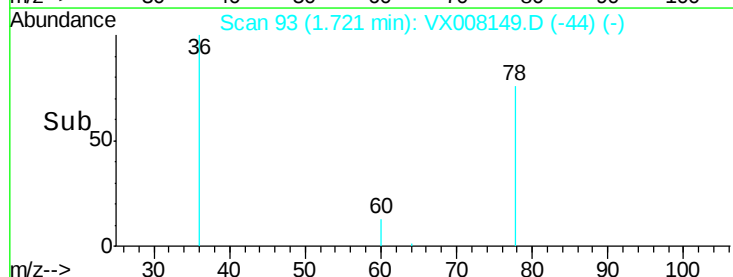
60

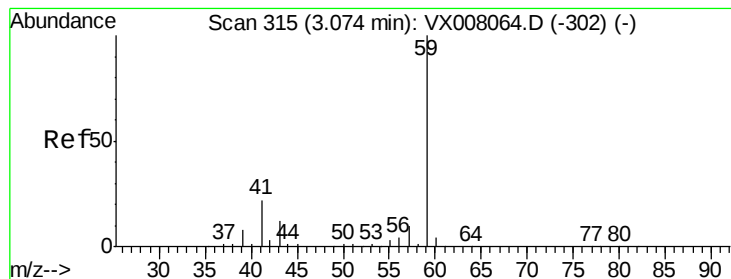
40

20

0

Time-->



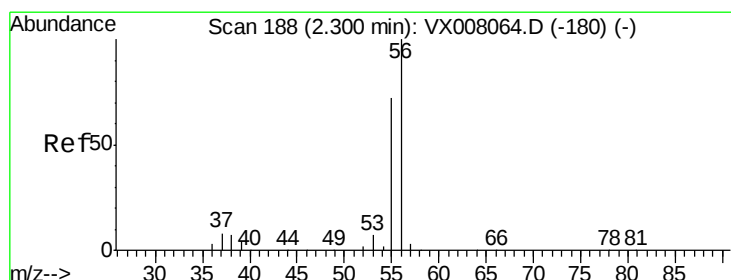
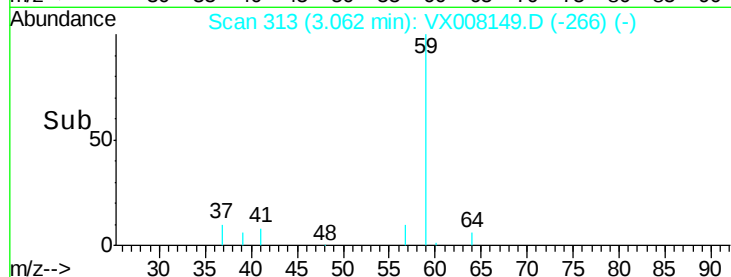
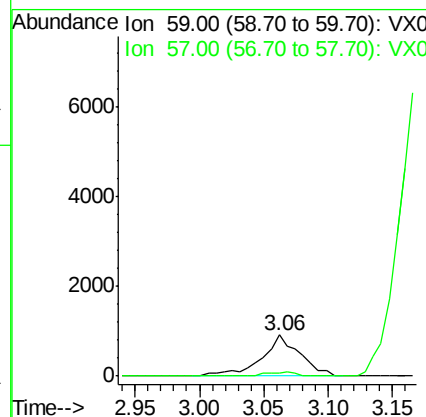
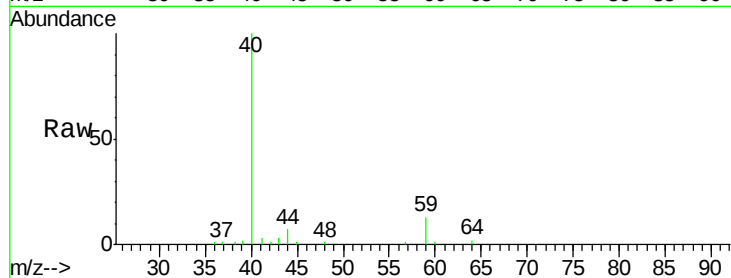


#11

Tert butvl alcohol
 Concen: 3.153 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX008149.D
 Acq: 16 Mar 2019 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-1-9.0-031419

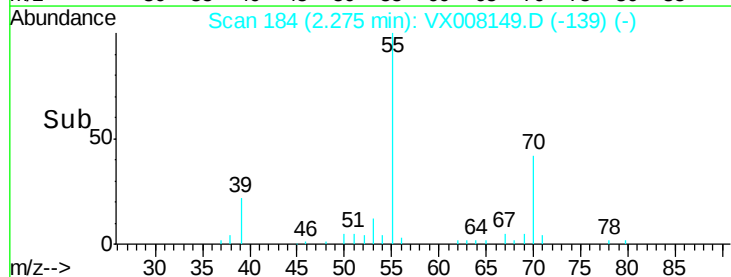
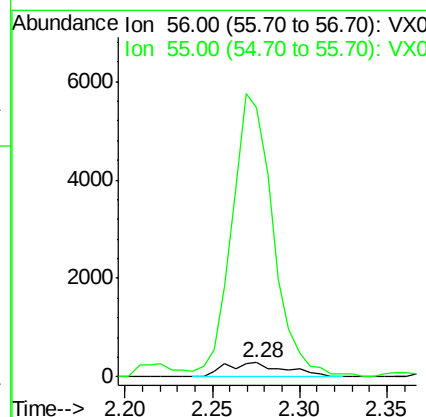
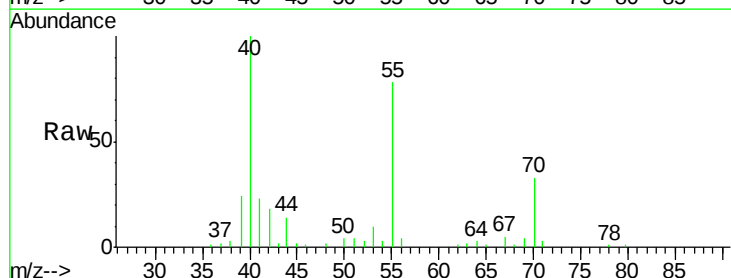
Tot Ion: 59 Resp: 1900
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

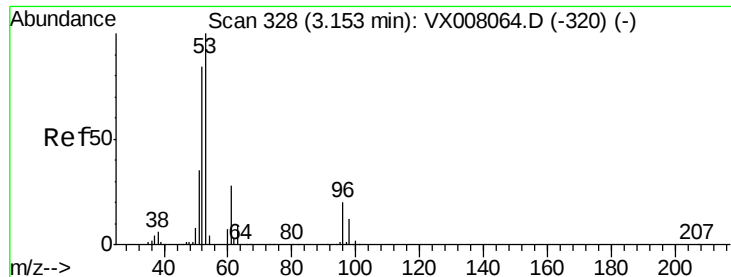


#13

Acrolein
 Concen: 1.259 ug/l
 RT: 2.28 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VX008149.D
 Acq: 16 Mar 2019 18:54

Tgt Ion: 56 Resp: 699
 Ion Ratio Lower Upper
 56 100
 55 1350.8 57.8 86.6#





#15

Acrylonitrile

Concen: 0.500 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-1-9.0-031419

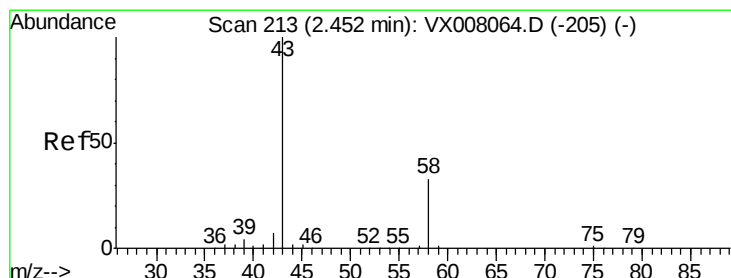
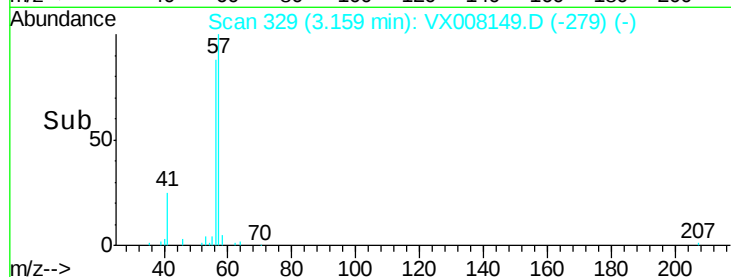
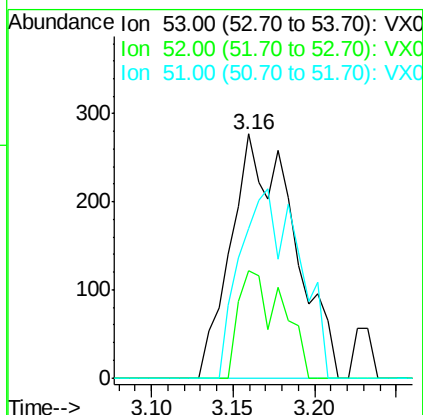
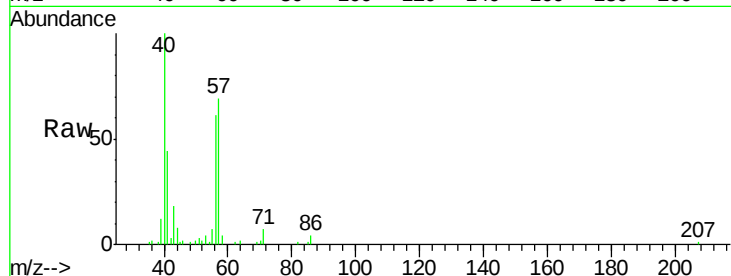
Tot Ion: 53 Resp: 734

Ion Ratio Lower Upper

53 100

52 30.1 66.0 99.0#

51 73.4 28.0 42.0#



#16

Acetone

Concen: 15.857 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008149.D

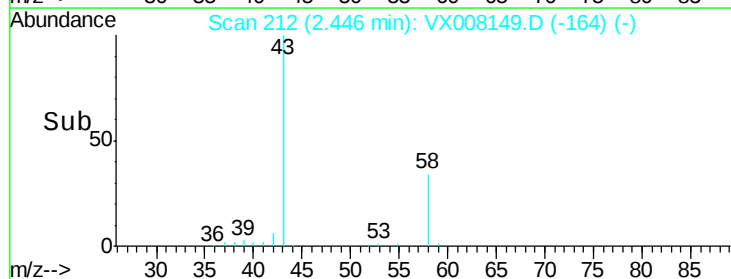
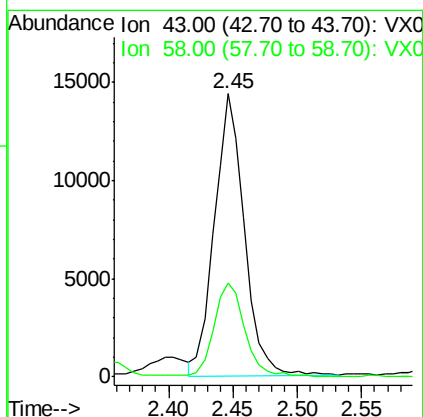
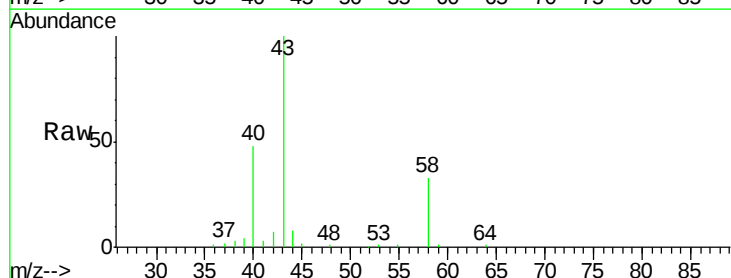
Acq: 16 Mar 2019 18:54

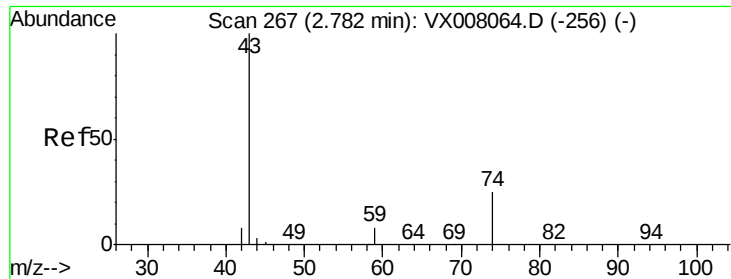
Tgt Ion: 43 Resp: 23349

Ion Ratio Lower Upper

43 100

58 33.2 25.5 38.3

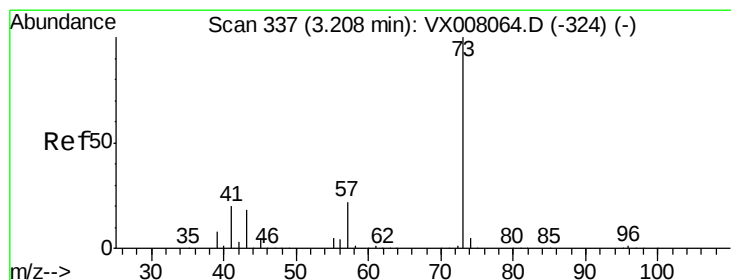
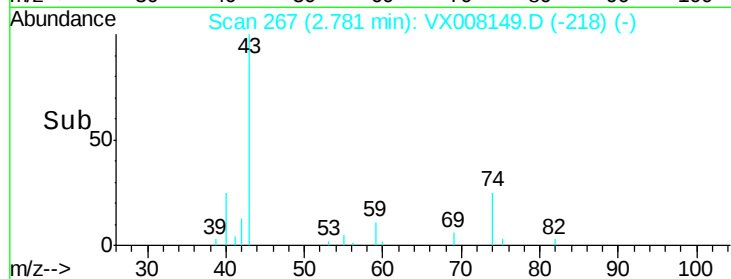
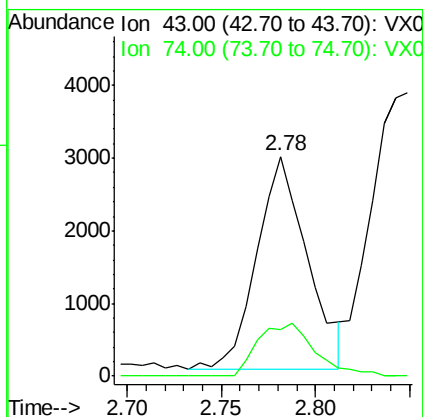
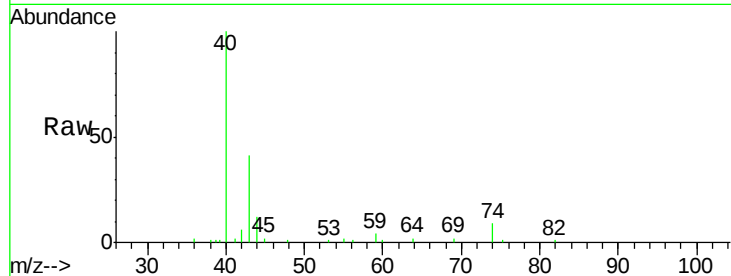




#18
Methyl Acetate
Concen: 1.701 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

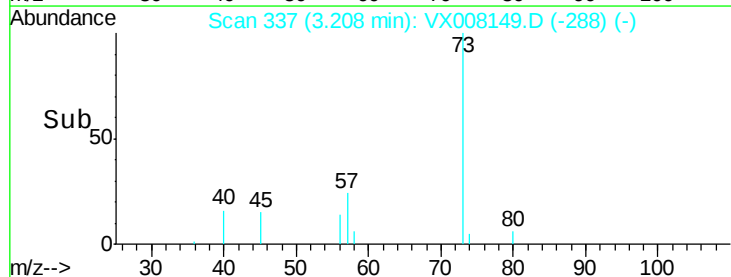
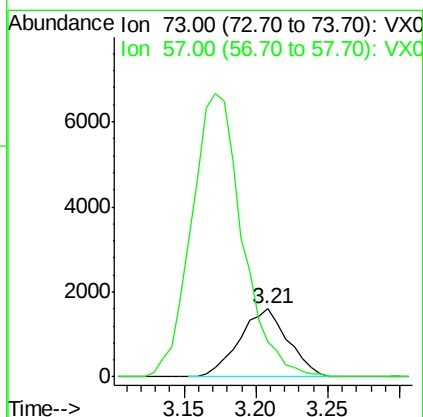
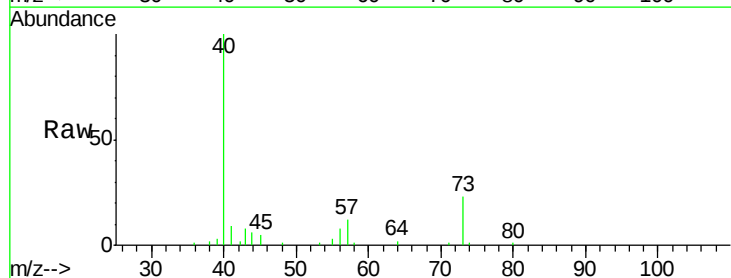
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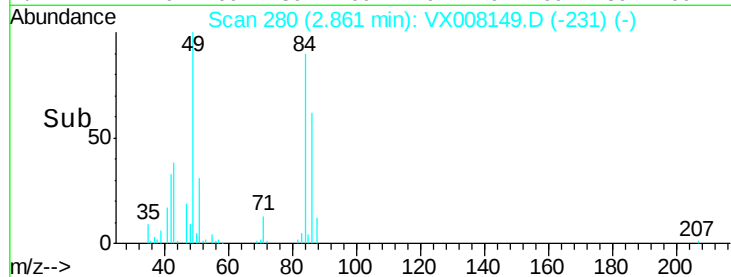
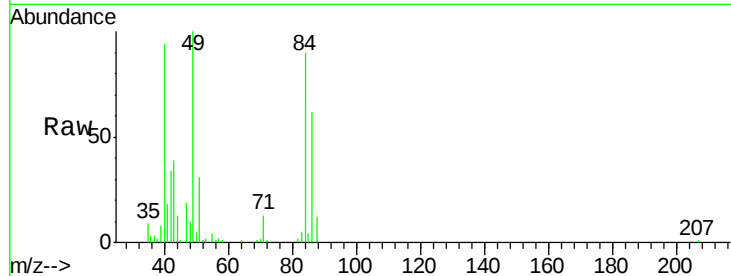
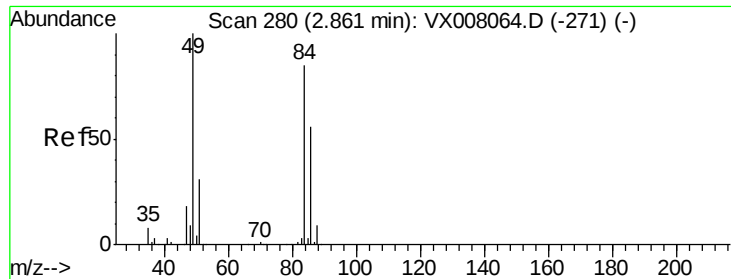
Tot Ion: 43 Resp: 5413
Ion Ratio Lower Upper
43 100
74 28.2 17.8 26.6#



#19
Methyl tert-butyl Ether
Concen: 0.471 ug/l
RT: 3.21 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

Tgt Ion: 73 Resp: 3758
Ion Ratio Lower Upper
73 100
57 51.9 18.2 27.4#

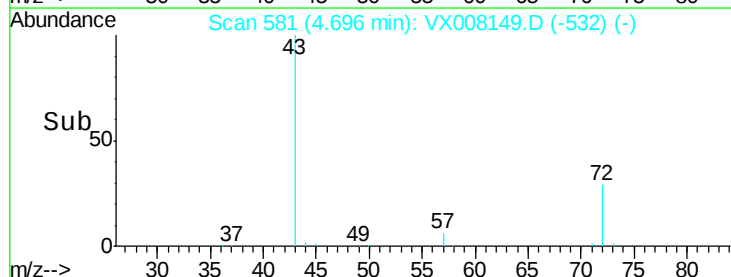
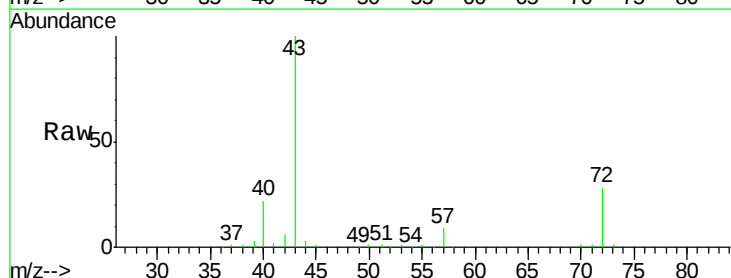
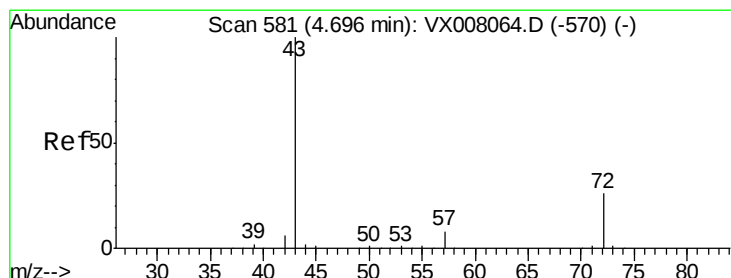
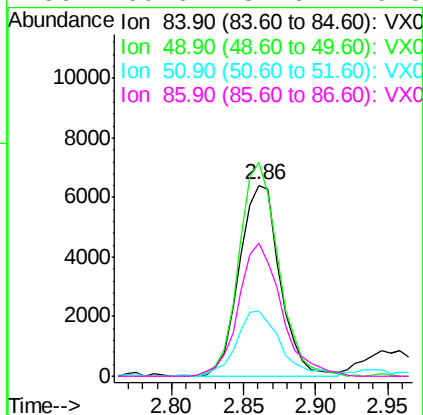




#20
Methvlene Chloride
Concen: 4.772 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

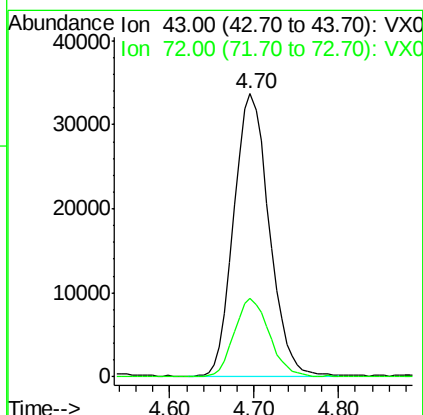
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-031419

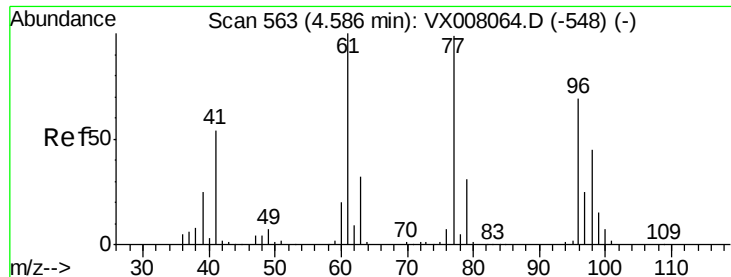
Tot Ion:	84	Resp:	12549
Ion	Ratio	Lower	Upper
84	100		
49	111.7	99.3	148.9
51	33.2	31.3	46.9
86	69.6	52.6	79.0



#25
2-Butanone
Concen: 42.728 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

Tgt Ion:	43	Resp:	96572
Ion	Ratio	Lower	Upper
43	100		
72	27.8	19.9	29.9





#26

2,2-Dichloropropane

Concen: 0.227 ug/l

RT: 4.40 min Scan# 532

Delta R.T. -0.19 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

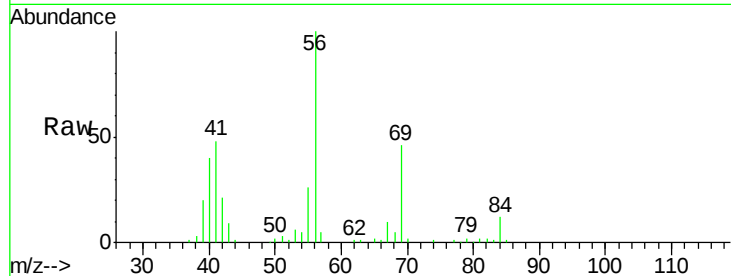
T3-MW-1-9.0-031419

Tot Ion: 77 Resp: 813

Ion Ratio Lower Upper

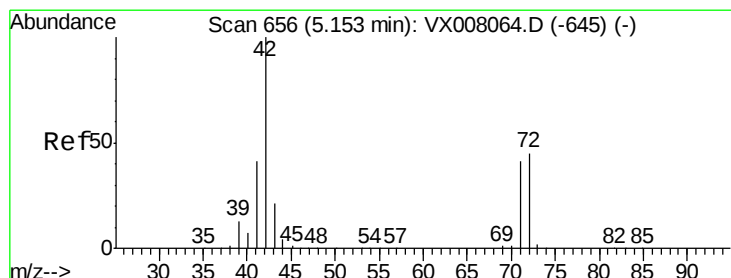
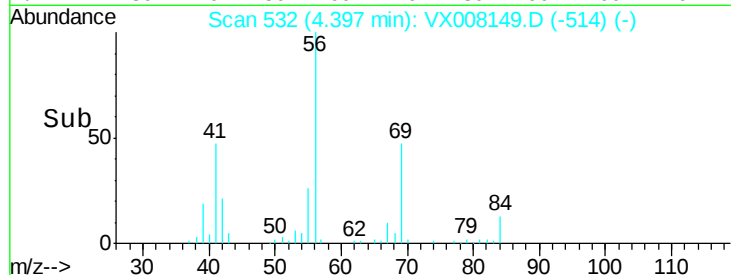
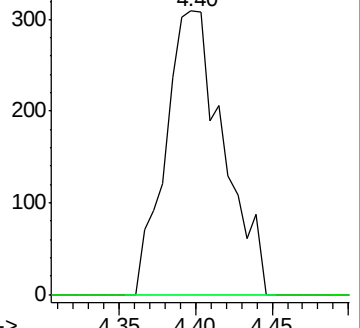
77 100

97 0.0 12.2 36.6#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#29

Tetrahydrofuran

Concen: 1.004 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

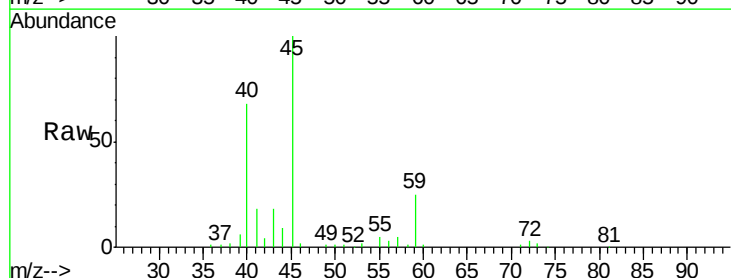
Tgt Ion: 42 Resp: 1417

Ion Ratio Lower Upper

42 100

72 76.1 33.8 50.6#

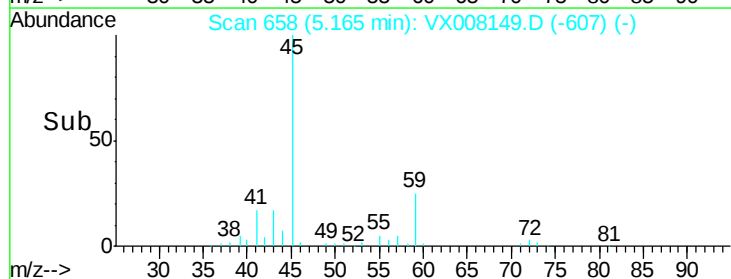
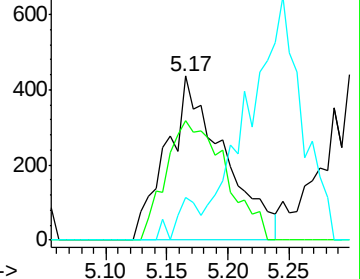
71 10.4 31.5 47.3#

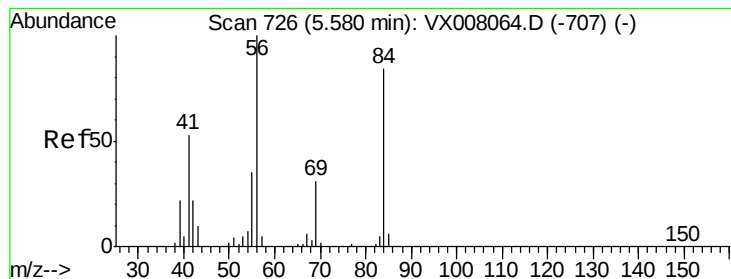


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 4.680 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-1-9.0-031419

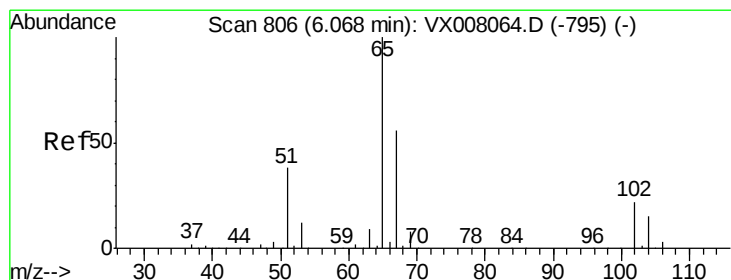
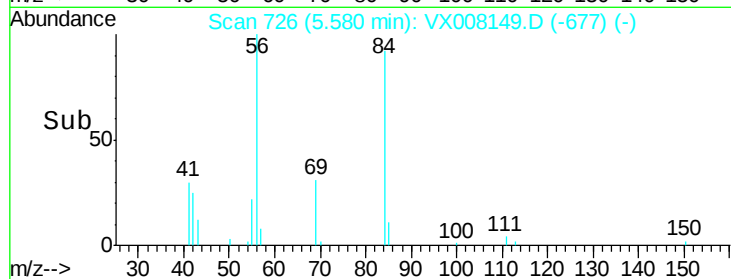
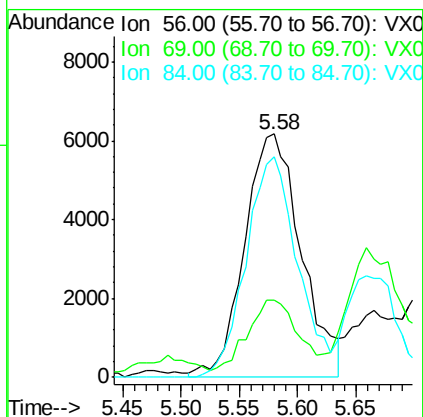
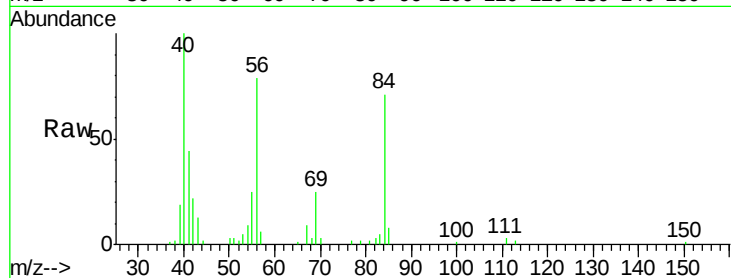
Tot Ion: 56 Resp: 20870

Ion Ratio Lower Upper

56 100

69 26.3 24.0 36.0

84 92.0 65.3 97.9



#33

1,2-Dichloroethane-d4

Concen: 43.270 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008149.D

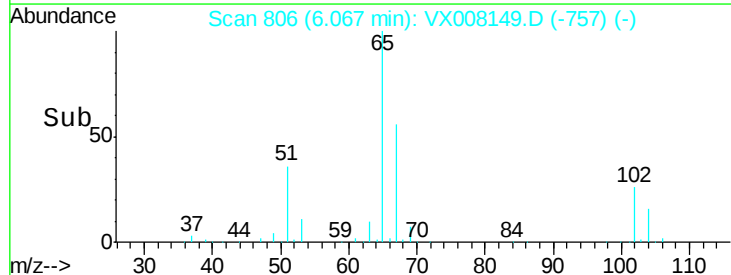
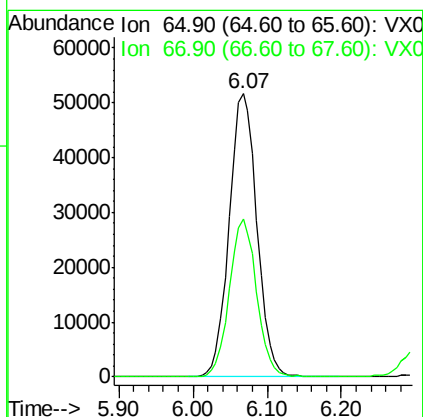
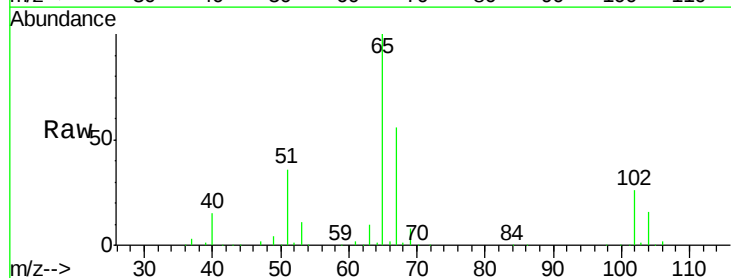
Acq: 16 Mar 2019 18:54

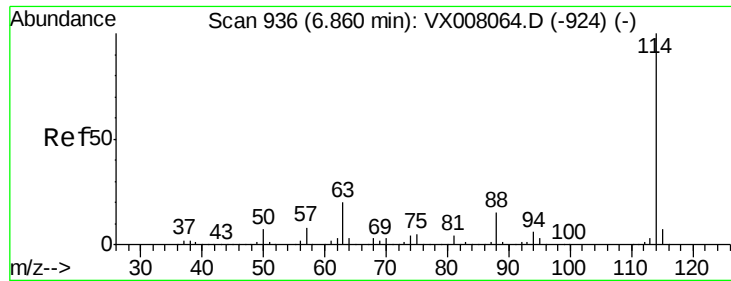
Tgt Ion: 65 Resp: 134960

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.0

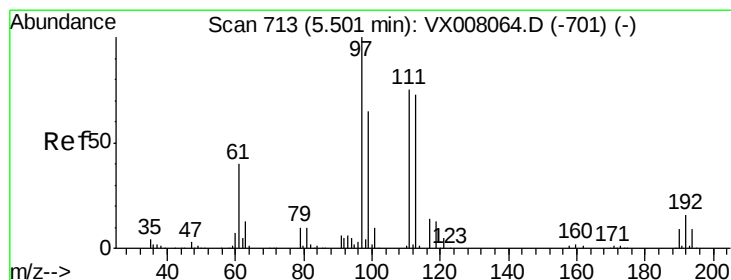
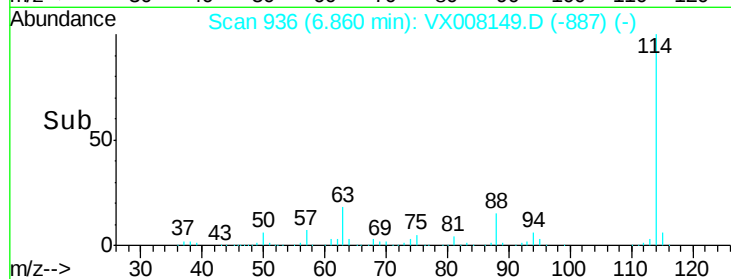
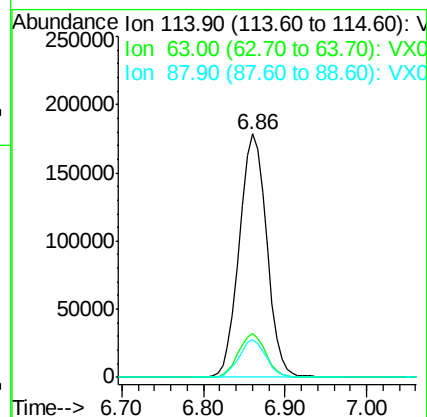
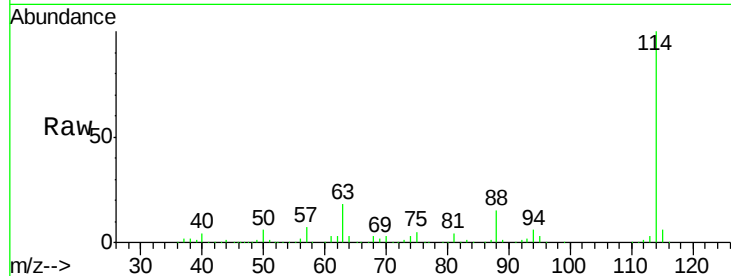




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008149.D
 Acq: 16 Mar 2019 18:54

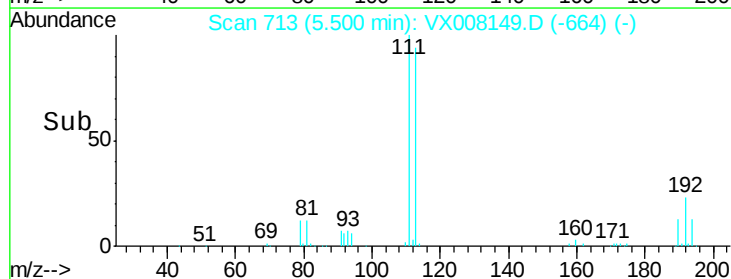
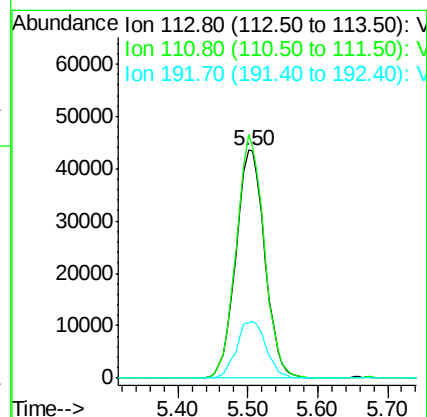
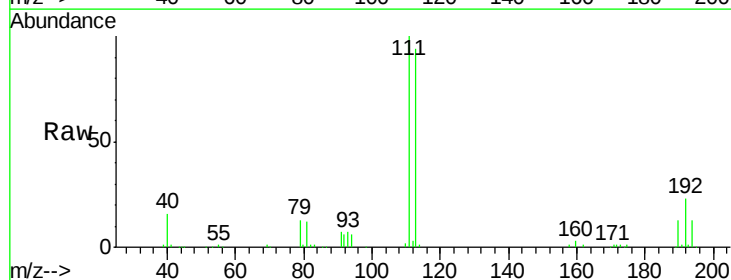
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-1-9.0-031419

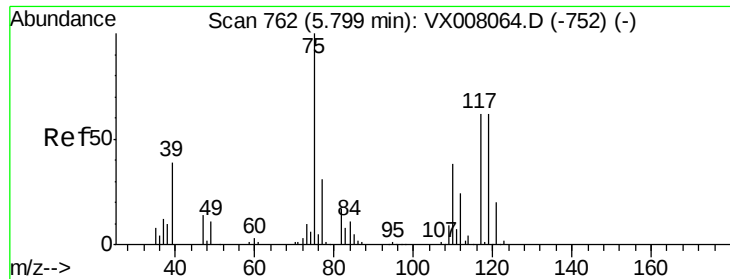
Tot Ion:114 Resp: 414982
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.8
 88 15.4 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 47.442 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008149.D
 Acq: 16 Mar 2019 18:54

Tgt Ion:113 Resp: 124849
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 25.5 19.4 29.0





#36

1,1-Dichloropropene

Concen: 5.213 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-1-9.0-031419

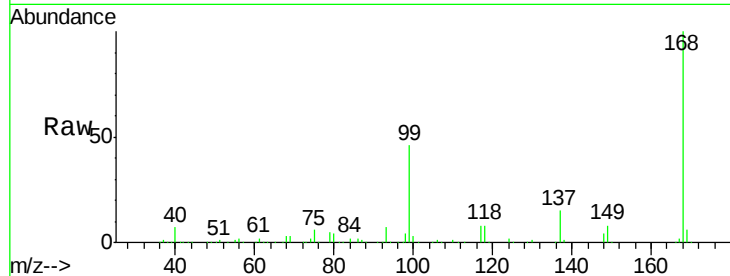
Tot Ion: 75 Resp: 17797

Ion Ratio Lower Upper

75 100

110 10.0 18.4 55.0#

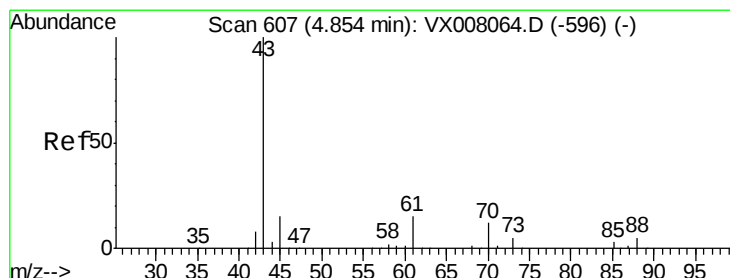
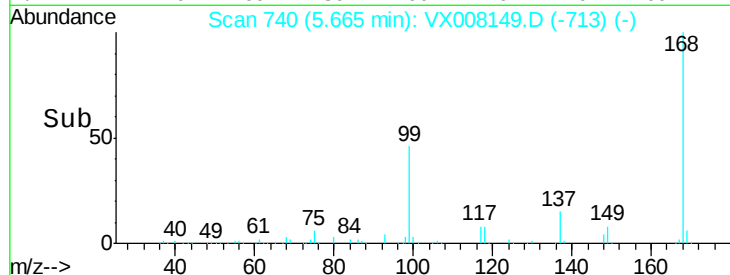
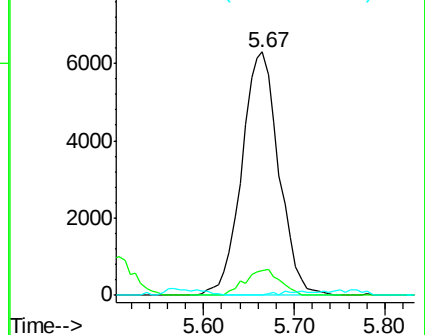
77 0.3 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 26.320 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.16 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

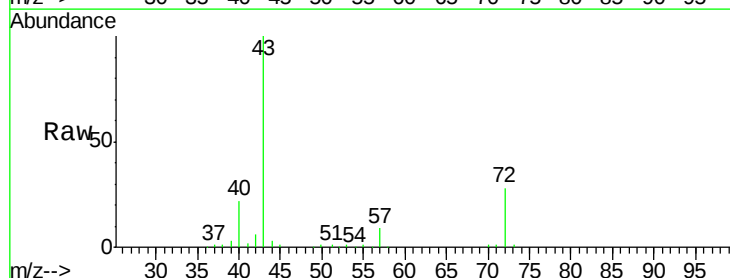
Tgt Ion: 43 Resp: 96572

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

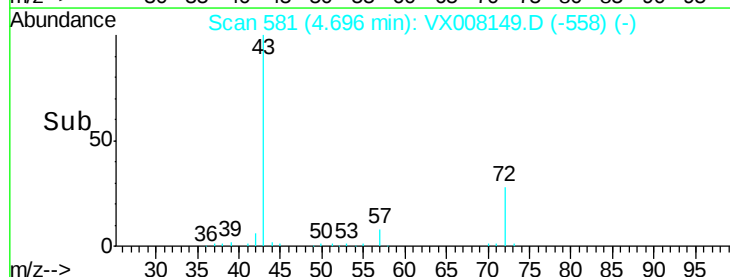
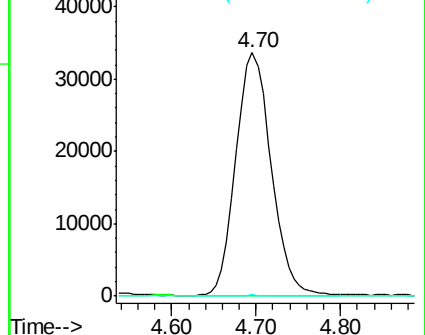
70 0.3 8.5 12.7#

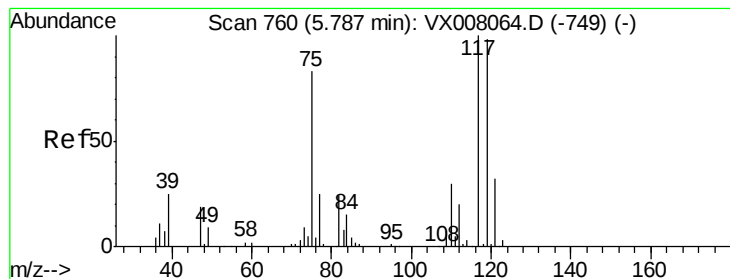


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 7.784 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-1-9.0-031419

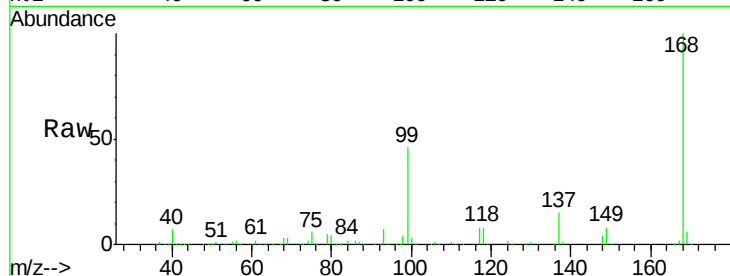
Tot Ion:117 Resp: 25579

Ion Ratio Lower Upper

117 100

119 5.6 76.2 114.2#

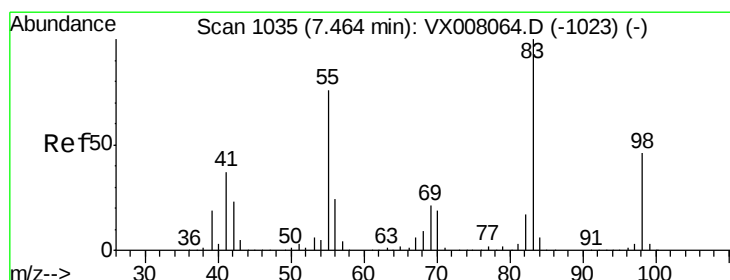
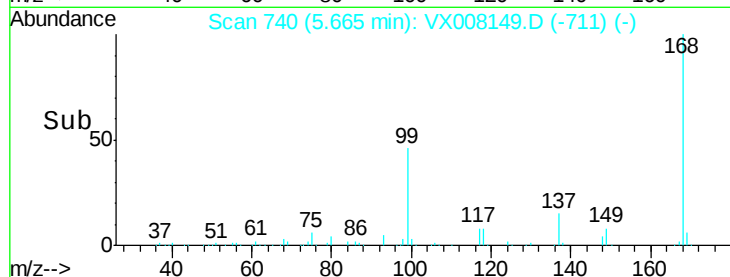
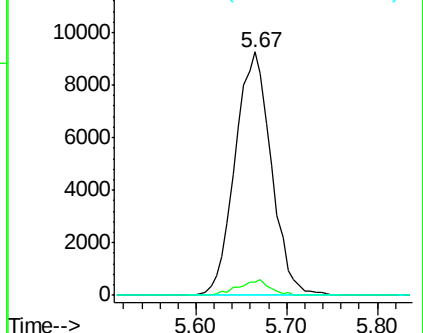
121 0.0 24.6 36.8#



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: 4.905 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

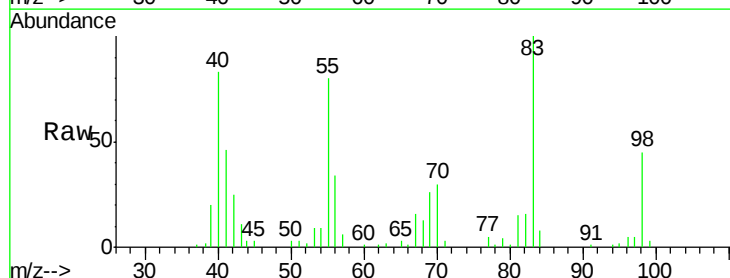
Tgt Ion: 83 Resp: 21404

Ion Ratio Lower Upper

83 100

55 79.1 60.4 90.6

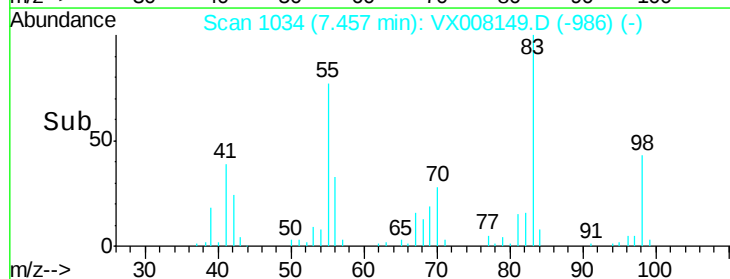
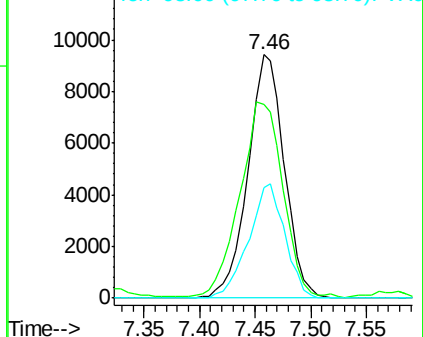
98 45.5 36.5 54.7

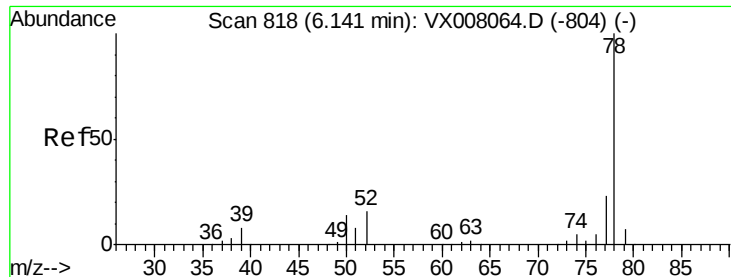


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 2.798 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

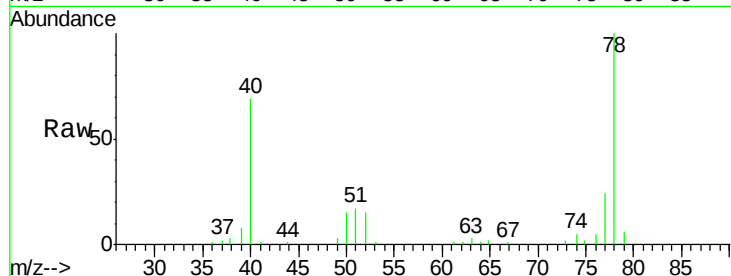
T3-MW-1-9.0-031419

Tot Ion: 78 Resp: 29262

Ion Ratio Lower Upper

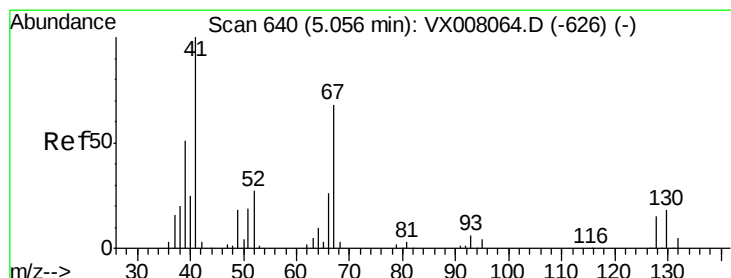
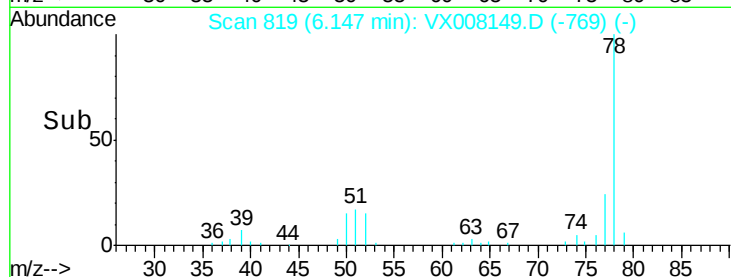
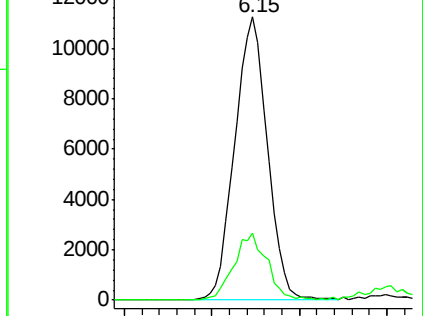
78 100

77 23.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.290 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Tgt Ion: 41 Resp: 619

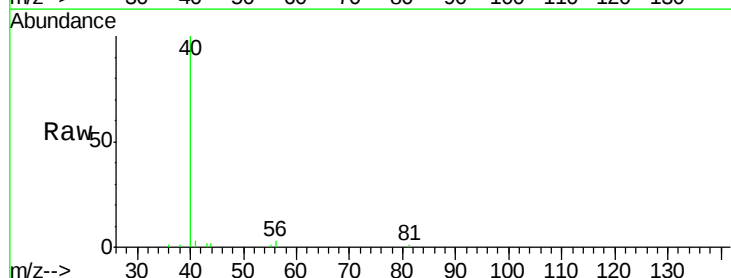
Ion Ratio Lower Upper

41 100

39 0.0 41.6 62.4#

67 0.0 55.8 83.6#

52 0.0 21.7 32.5#

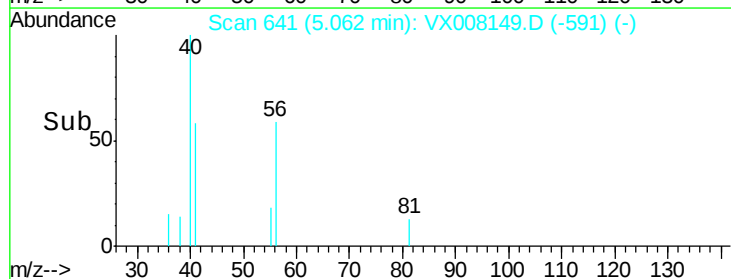
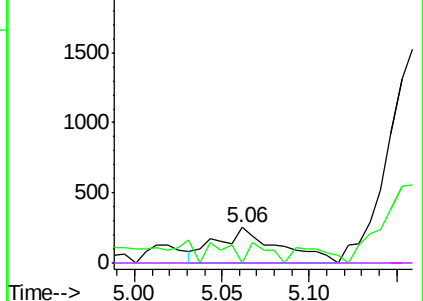


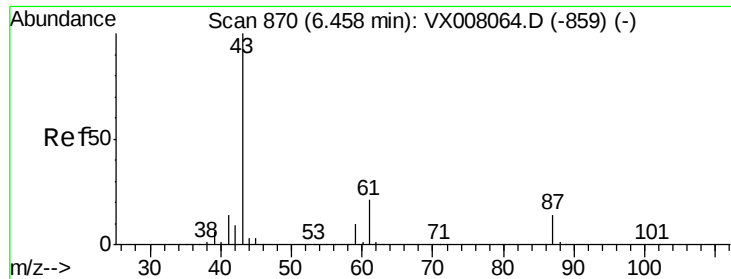
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 0.267 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-1-9.0-031419

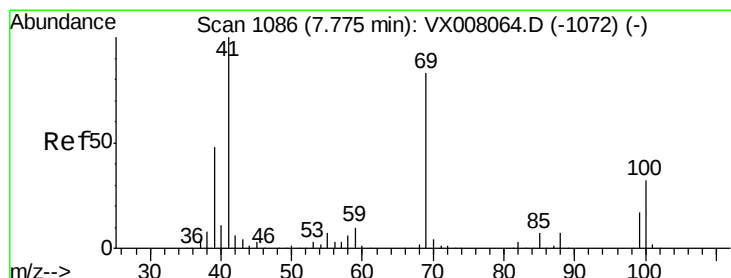
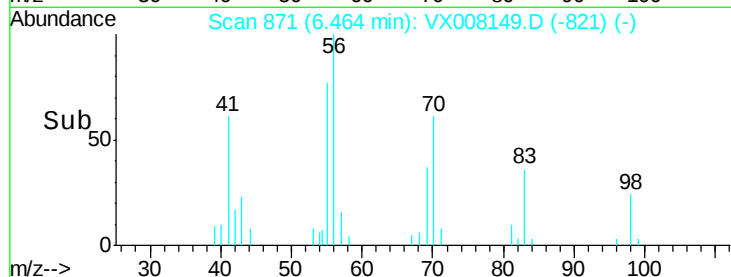
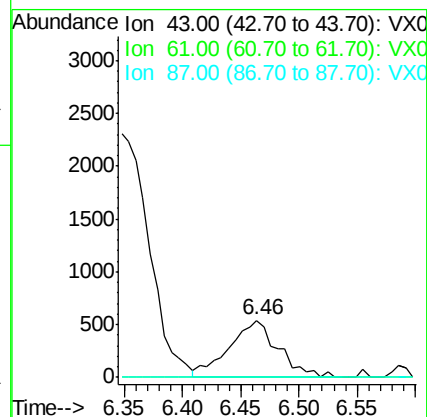
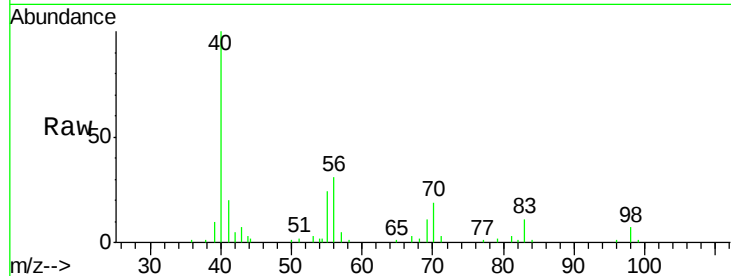
Tot Ion: 43 Resp: 1580

Ion Ratio Lower Upper

43 100

61 0.0 16.3 24.5#

87 0.0 10.5 15.7#



#48

Methyl methacrylate

Concen: 0.695 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

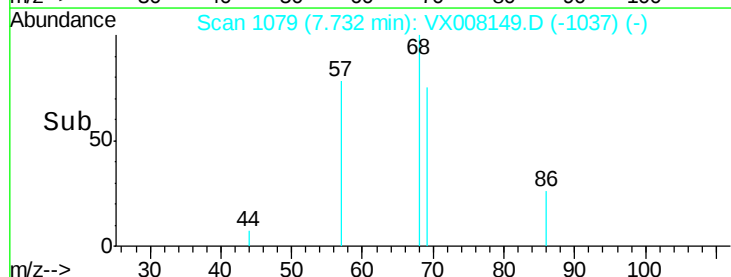
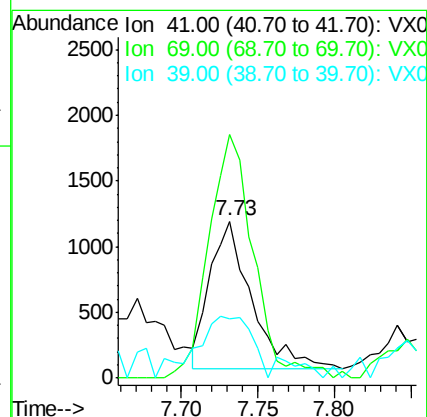
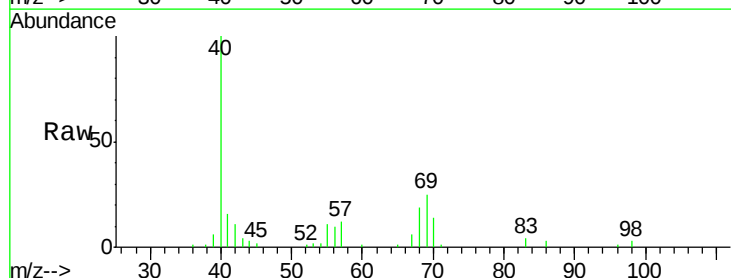
Tgt Ion: 41 Resp: 2145

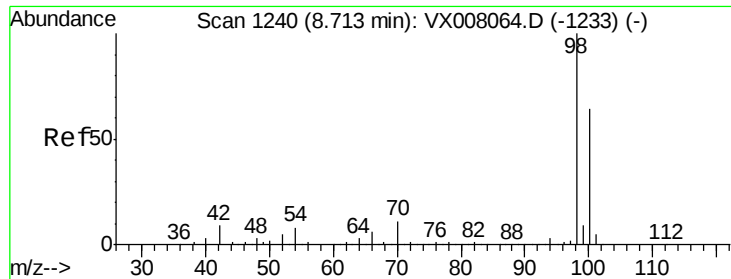
Ion Ratio Lower Upper

41 100

69 176.3 65.2 97.8#

39 55.5 39.4 59.2

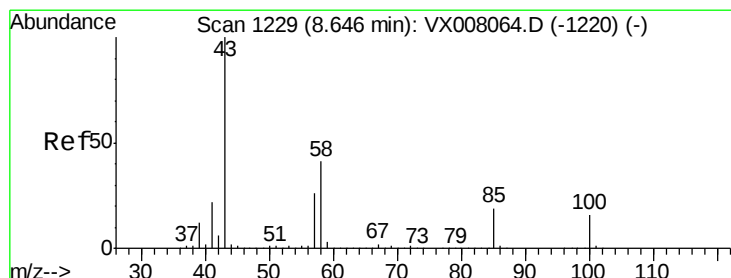
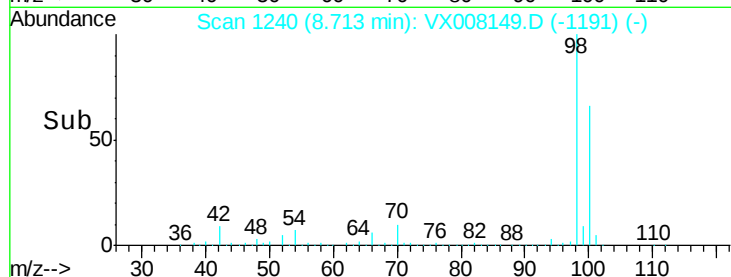
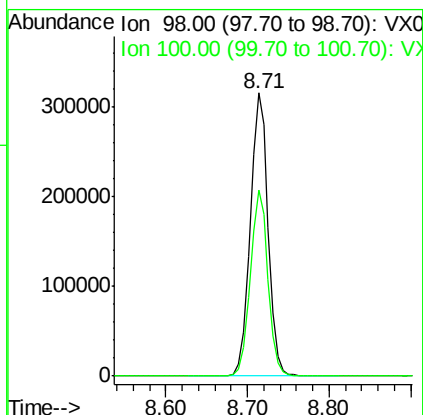
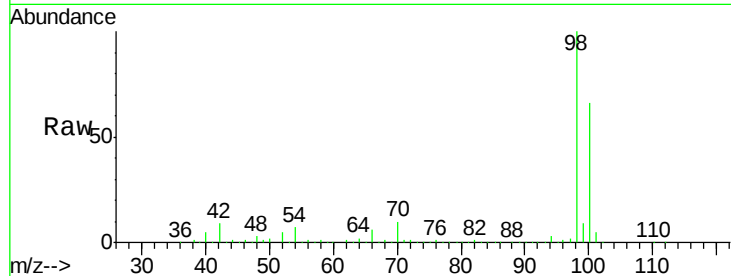




#50
Toluene-d8
Concen: 48.020 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

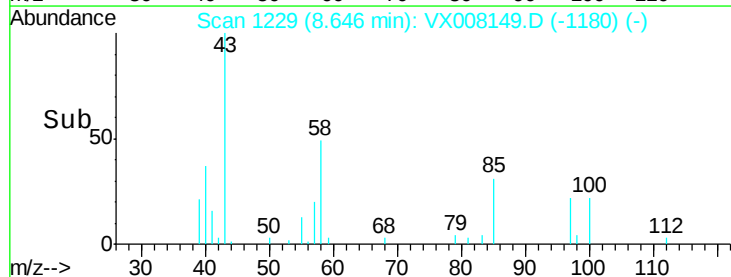
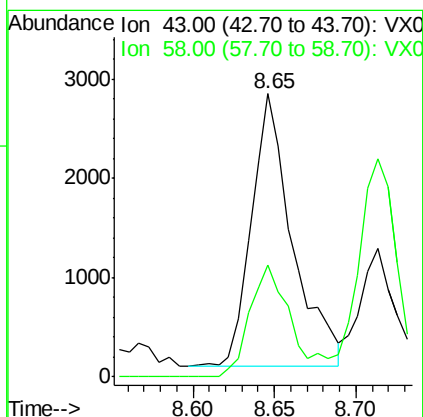
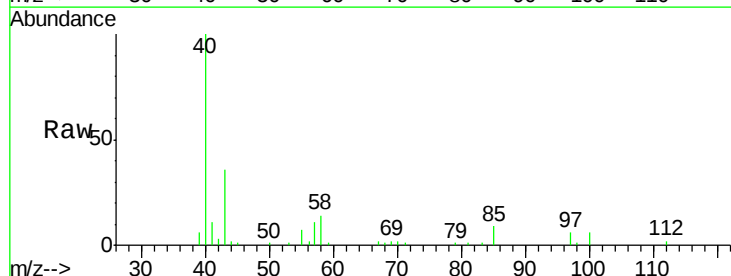
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-031419

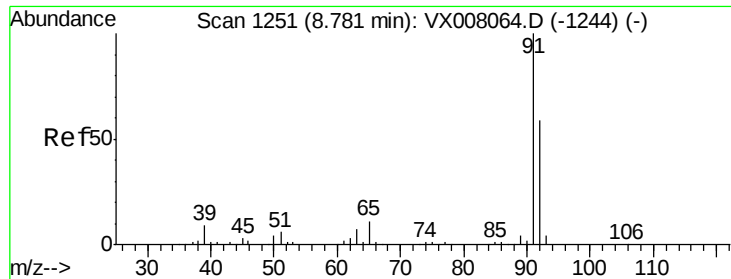
Tot Ion: 98 Resp: 480615
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.238 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

Tgt Ion: 43 Resp: 4821
Ion Ratio Lower Upper
43 100
58 41.2 31.3 46.9





#52

Toluene

Concen: 0.909 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

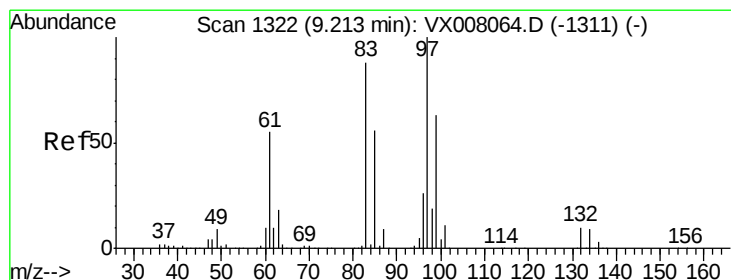
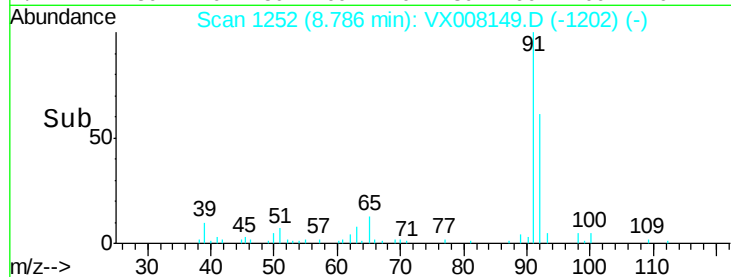
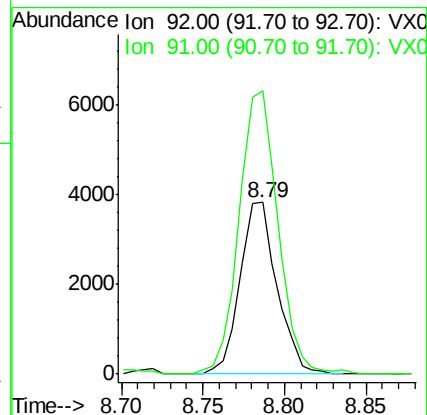
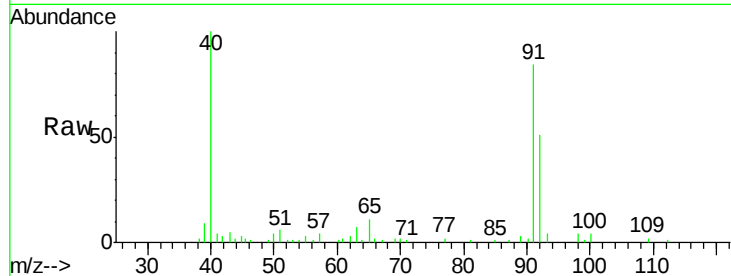
T3-MW-1-9.0-031419

Tot Ion: 92 Resp: 6046

Ion Ratio Lower Upper

92 100

91 174.1 137.4 206.0



#55

1,1,2-Trichloroethane

Concen: 0.956 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.06 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Tgt Ion: 97 Resp: 2588

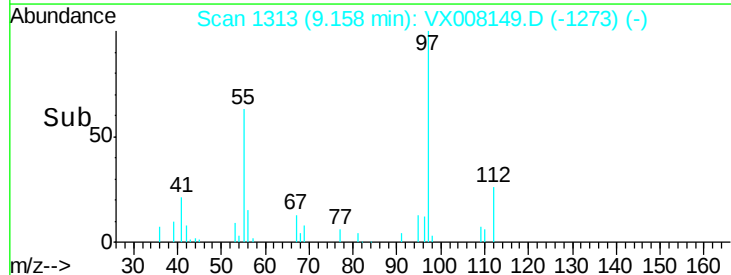
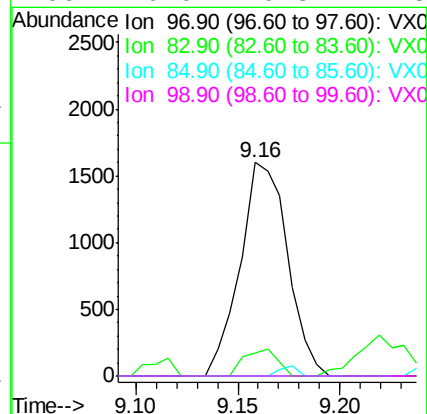
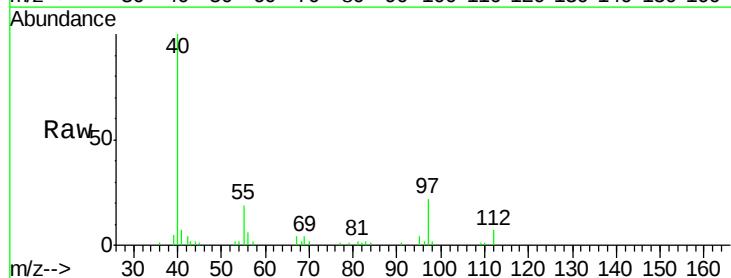
Ion Ratio Lower Upper

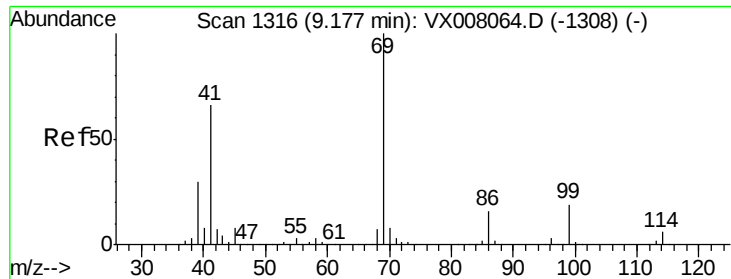
97 100

83 10.7 69.1 103.7#

85 0.0 44.3 66.5#

99 0.0 49.8 74.8#

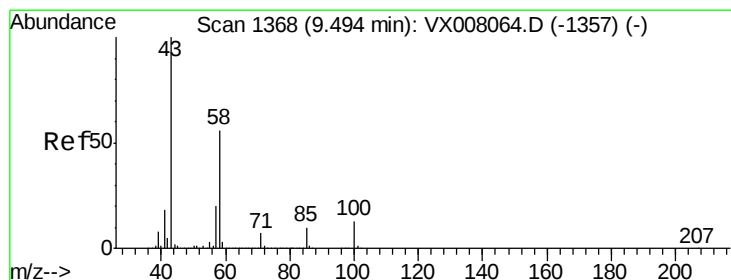
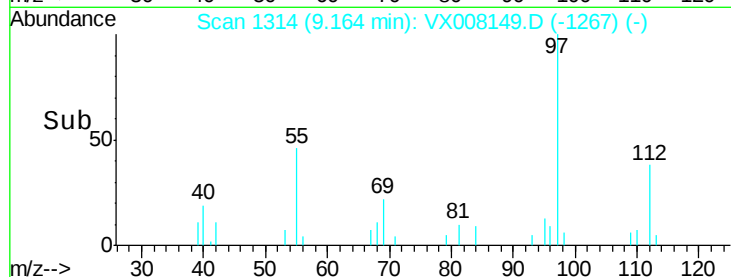
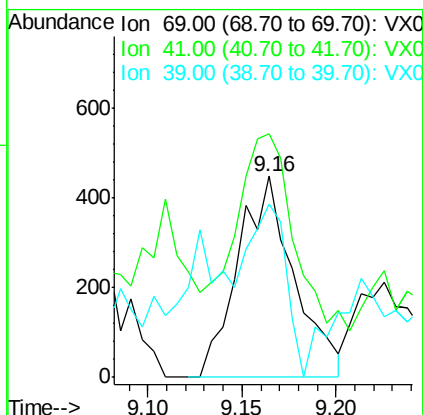
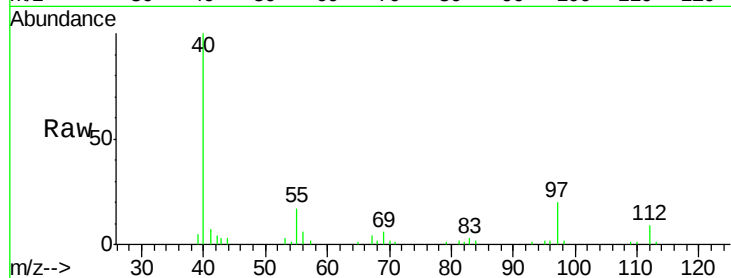




#56
Ethyl methacrylate
Concen: 0.231 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

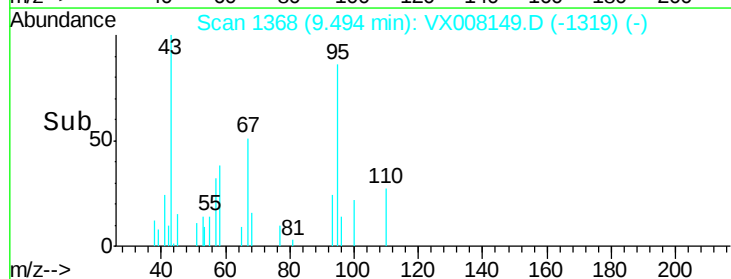
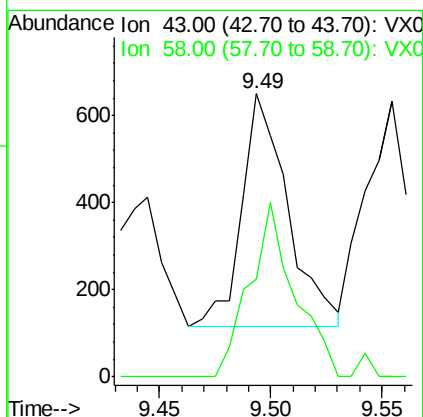
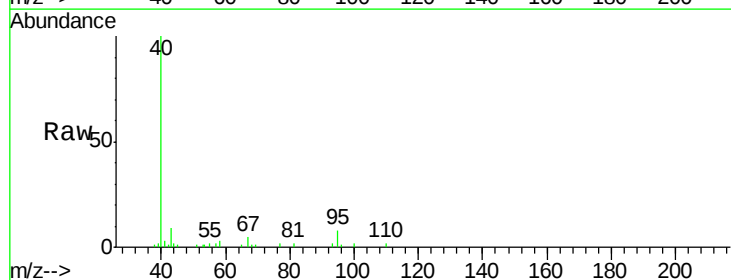
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-031419

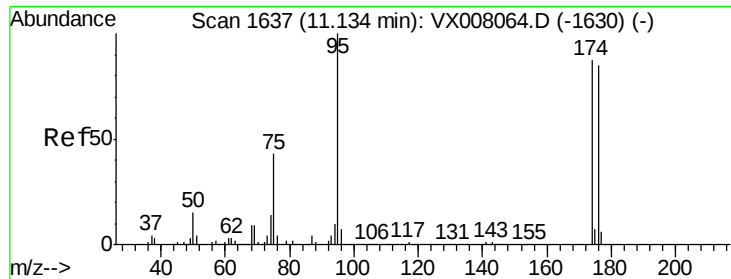
Tot Ion: 69 Resp: 925
Ion Ratio Lower Upper
69 100
41 99.9 54.2 81.4#
39 58.5 25.0 37.4#



#59
2-Hexanone
Concen: 0.254 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
58 72.3 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 45.694 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-1-9.0-031419

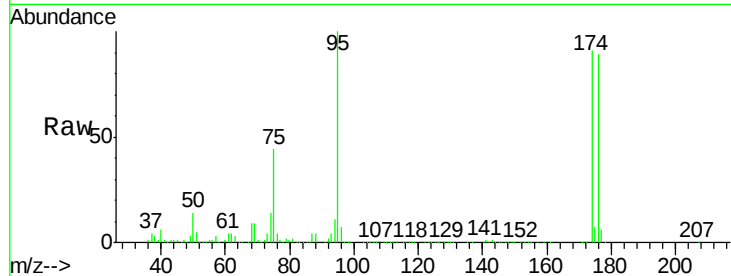
Tot Ion: 95 Resp: 163833

Ion Ratio Lower Upper

95 100

174 96.5 0.0 182.8

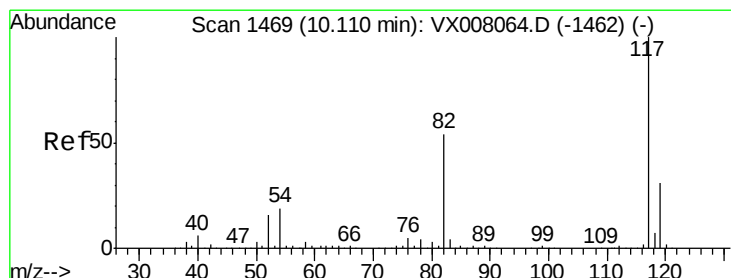
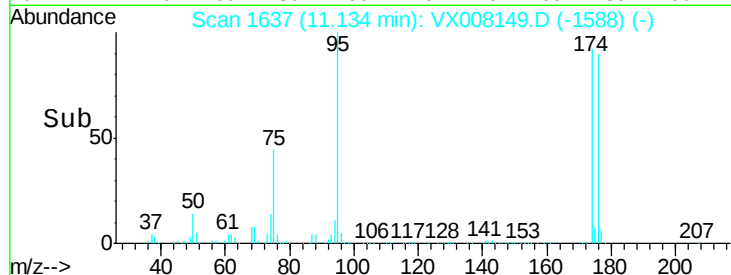
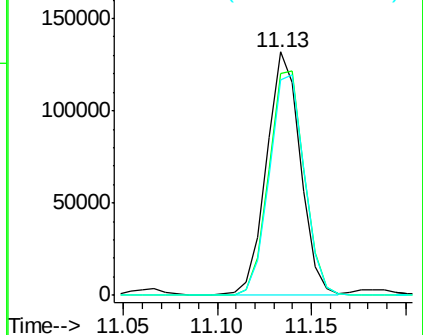
176 94.4 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

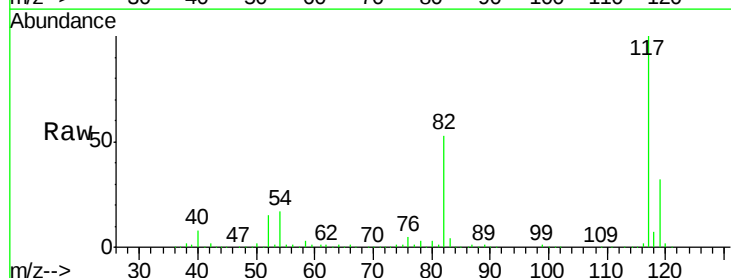
Tgt Ion: 117 Resp: 358833

Ion Ratio Lower Upper

117 100

82 53.3 44.3 66.5

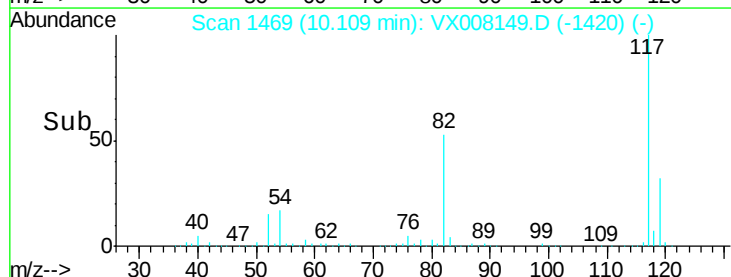
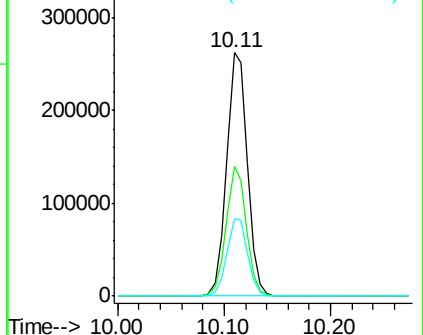
119 31.7 25.3 37.9

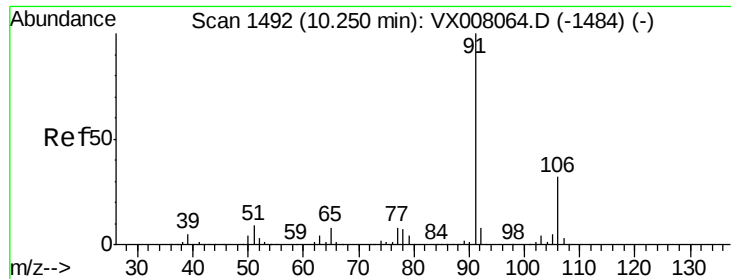


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

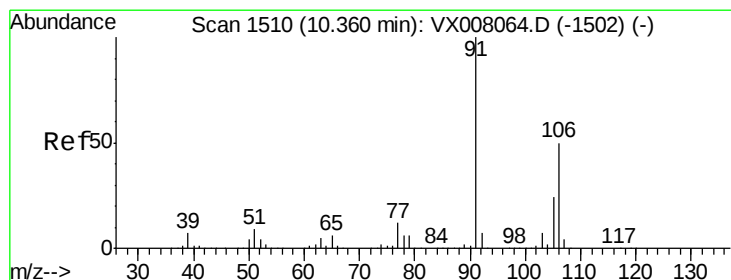
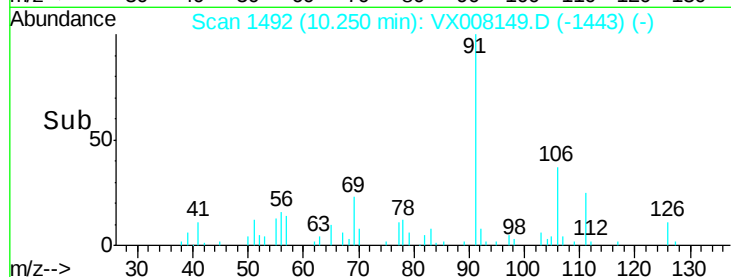
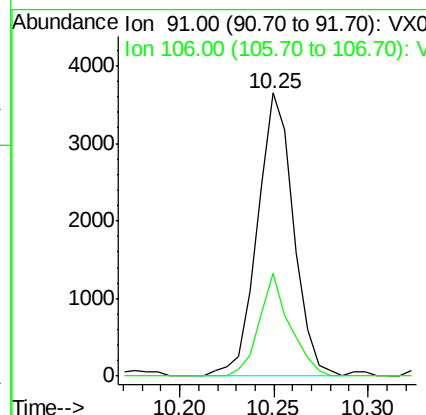
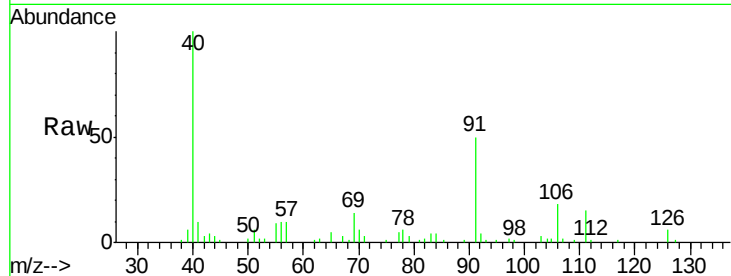




#67
Ethyl Benzene
Concen: 0.411 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

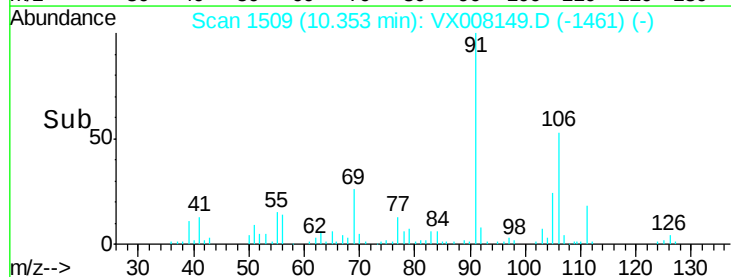
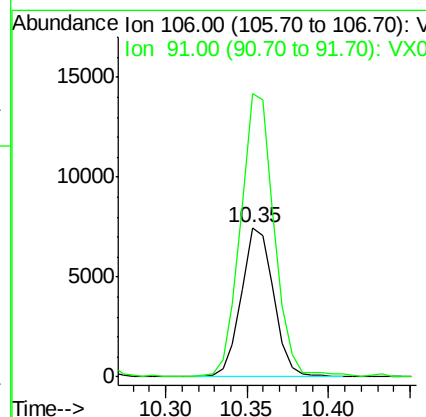
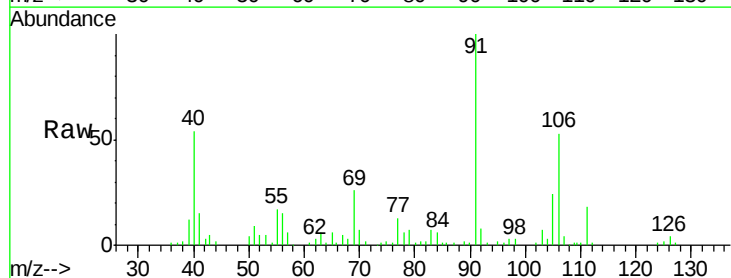
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-031419

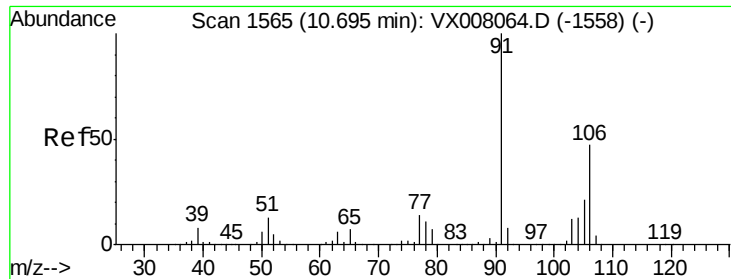
Tot Ion: 91 Resp: 4842
Ion Ratio Lower Upper
91 100
106 36.6 25.2 37.8



#68
m/p-Xylenes
Concen: 2.296 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

Tgt Ion: 106 Resp: 10354
Ion Ratio Lower Upper
106 100
91 196.9 159.8 239.6

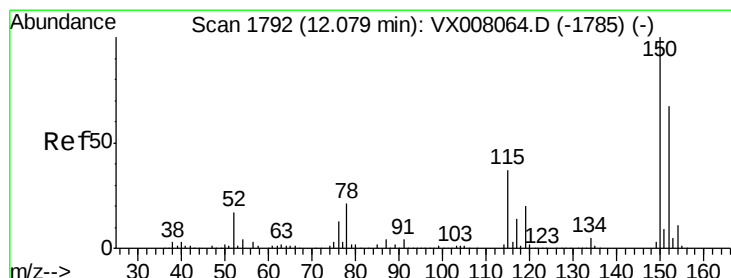
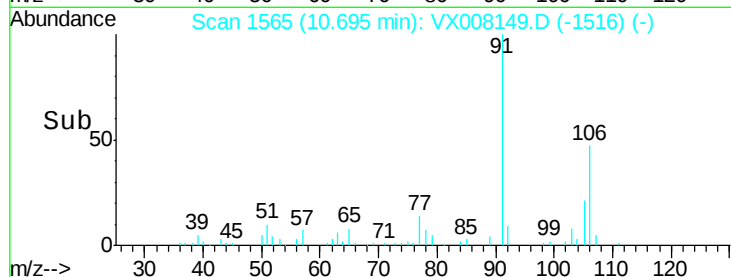
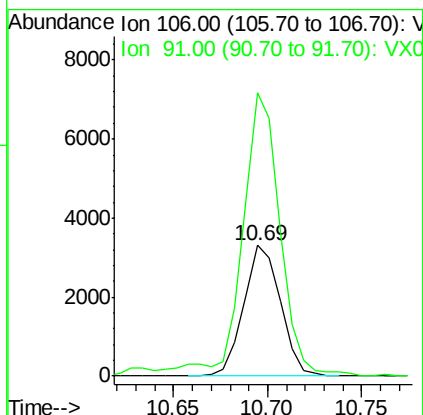
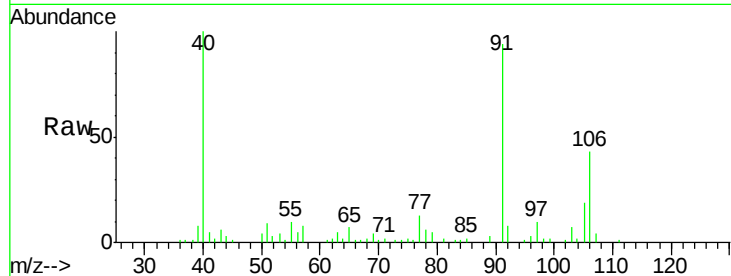




#69
o-Xylene
Concen: 1.018 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

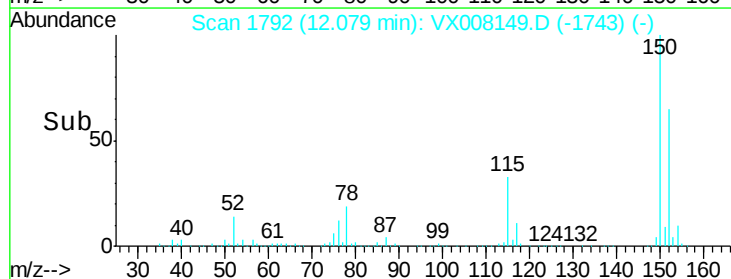
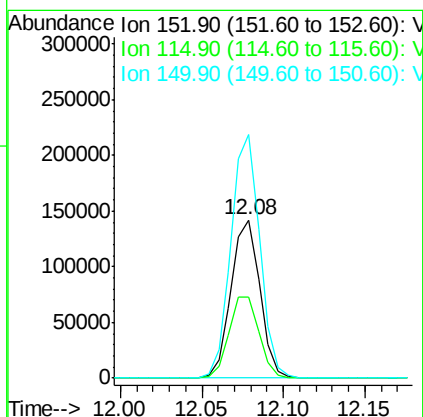
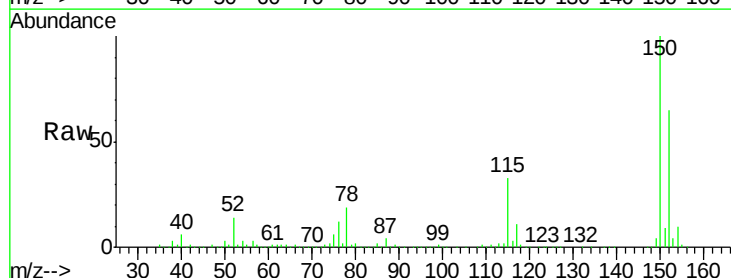
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-031419

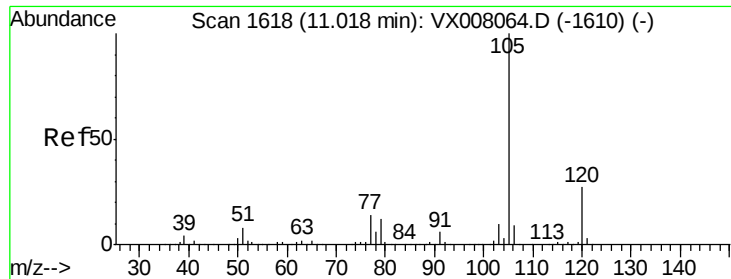
Tot Ion:106 Resp: 4475
Ion Ratio Lower Upper
106 100
91 222.6 106.3 318.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

Tgt Ion:152 Resp: 174318
Ion Ratio Lower Upper
152 100
115 53.5 38.6 115.7
150 154.4 0.0 348.4





#73

Isopropylbenzene

Concen: 2.030 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

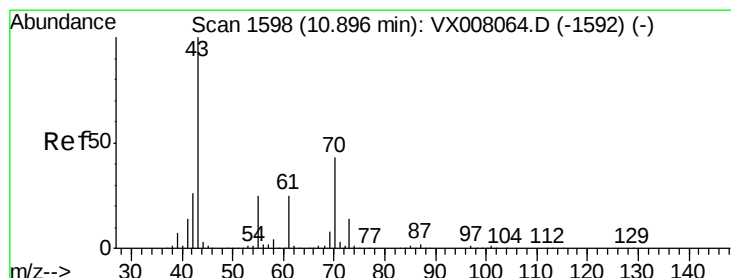
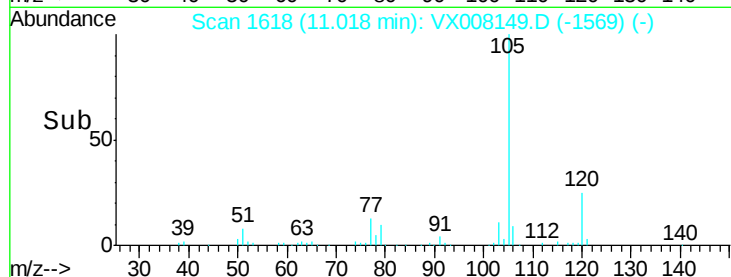
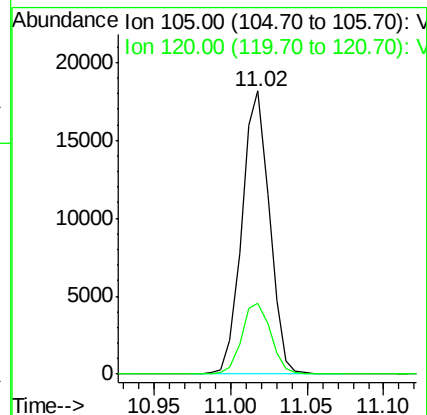
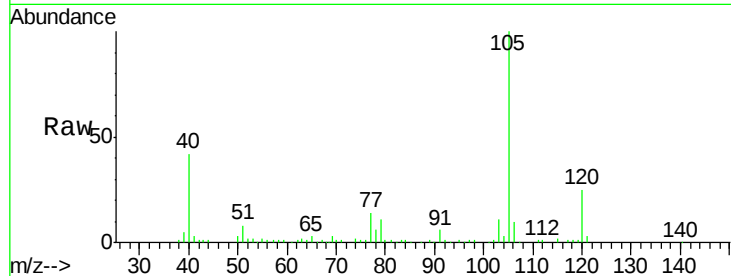
T3-MW-1-9.0-031419

Tot Ion:105 Resp: 22662

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 0.560 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Tgt Ion: 43 Resp: 2636

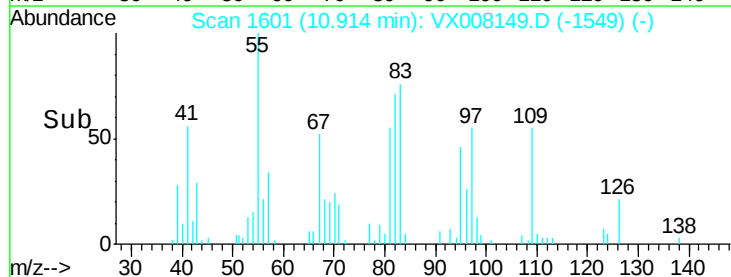
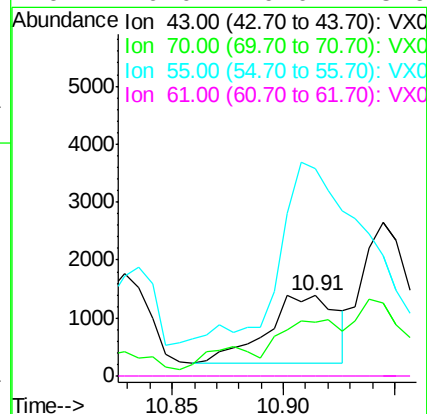
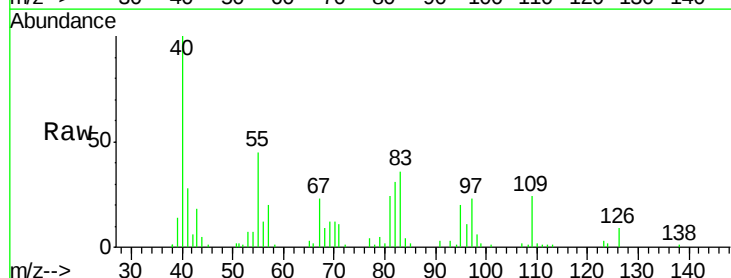
Ion Ratio Lower Upper

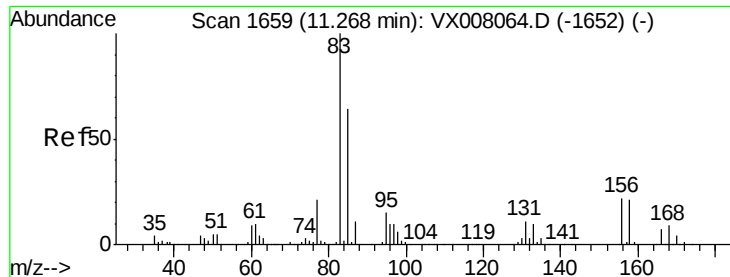
43 100

70 54.0 33.5 50.3#

55 326.4 19.2 28.8#

61 0.0 19.0 28.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.265 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-1-9.0-031419

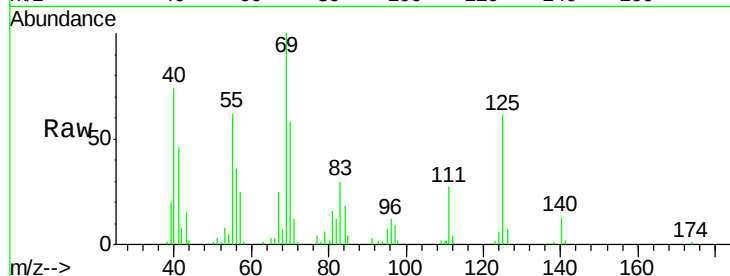
Tot Ion: 83 Resp: 4626

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 8.9 32.3 96.8#

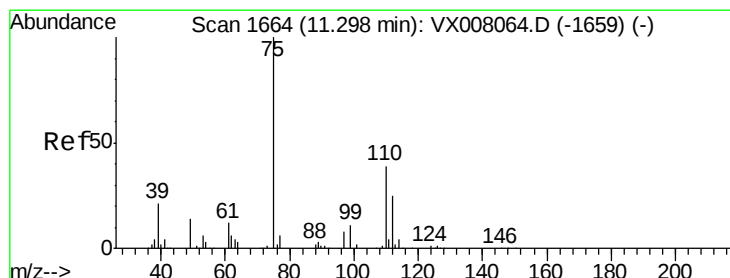
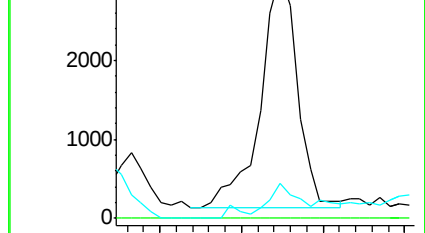
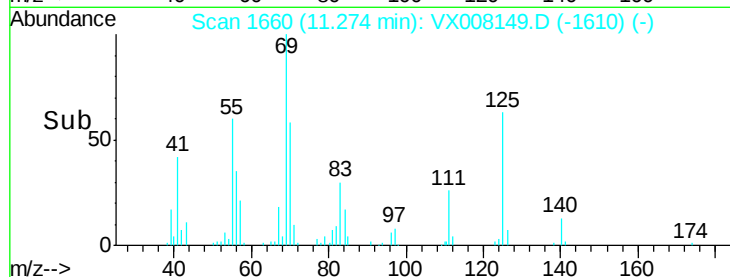


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time-->



#76

1,2,3-Trichloropropane

Concen: 23.681 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008149.D

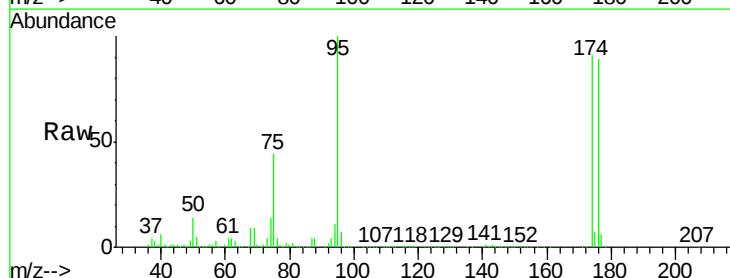
Acq: 16 Mar 2019 18:54

Tgt Ion: 75 Resp: 71693

Ion Ratio Lower Upper

75 100

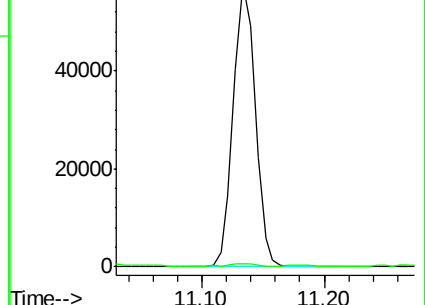
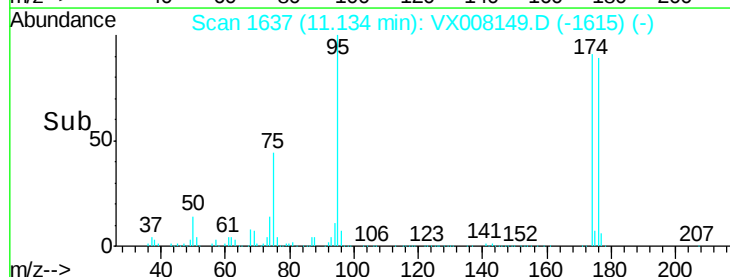
77 1.5 18.9 56.7#

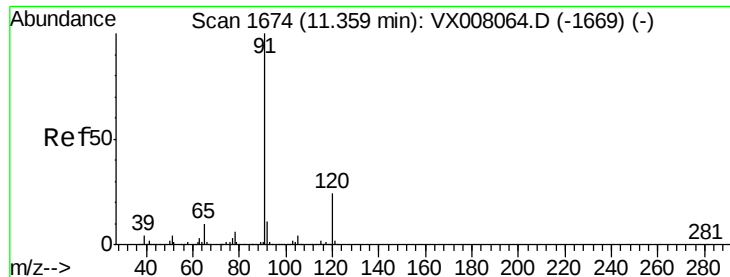


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time-->





#78

n-propylbenzene

Concen: 3.282 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

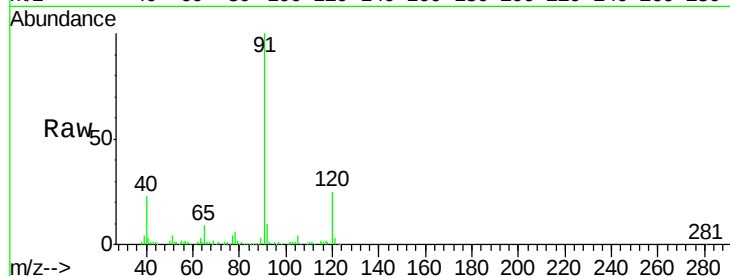
T3-MW-1-9.0-031419

Tot Ion: 91 Resp: 40205

Ion Ratio Lower Upper

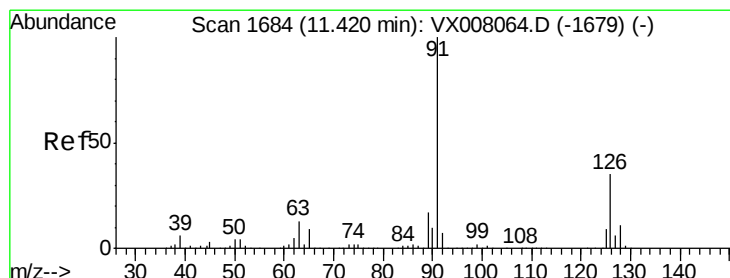
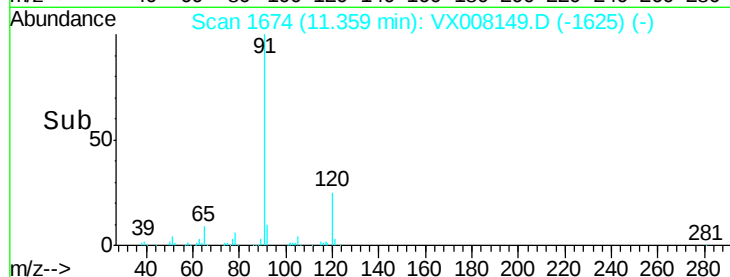
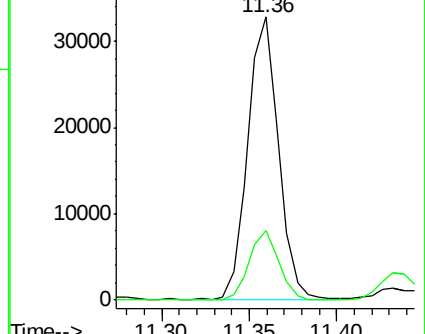
91 100

120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.399 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX008149.D

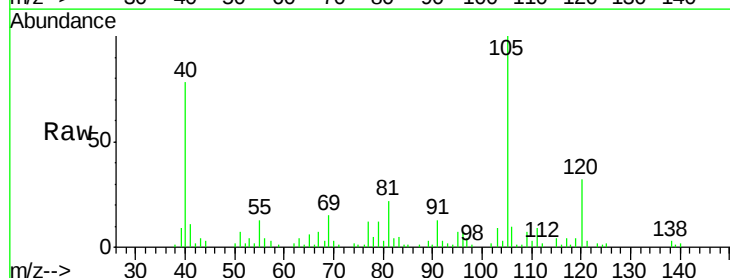
Acq: 16 Mar 2019 18:54

Tgt Ion: 91 Resp: 2988

Ion Ratio Lower Upper

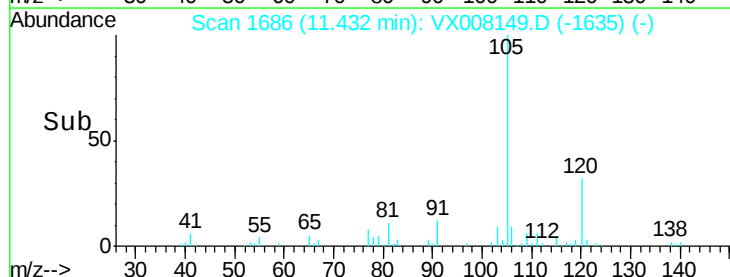
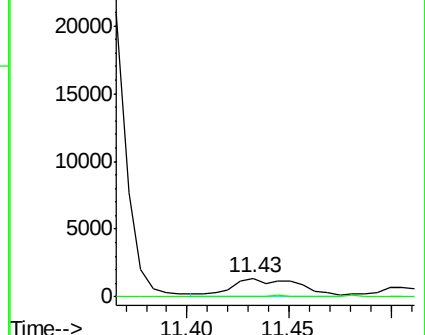
91 100

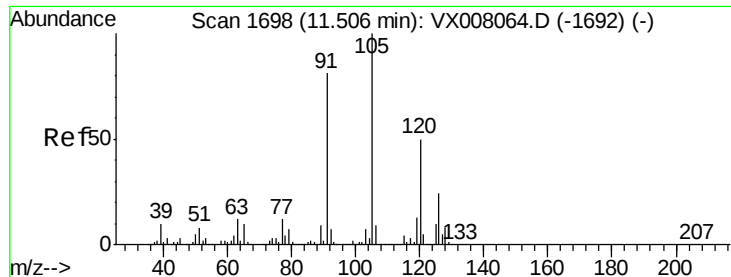
126 2.3 17.5 52.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

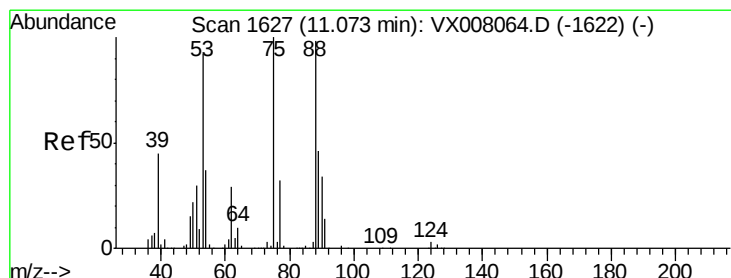
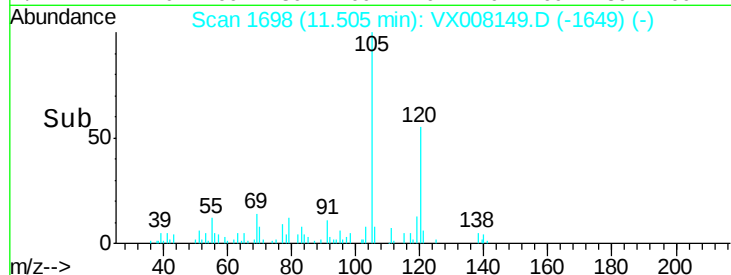
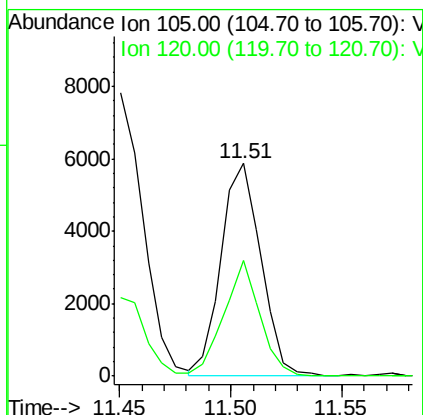
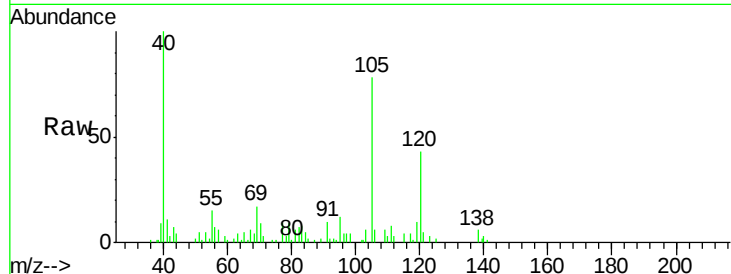




#80
 1,3,5-Trimethylbenzene
 Concen: 0.794 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008149.D
 Acq: 16 Mar 2019 18:54

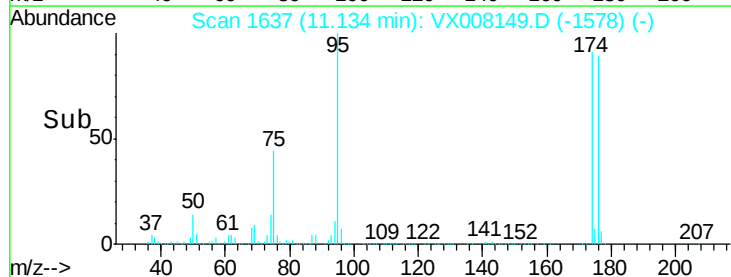
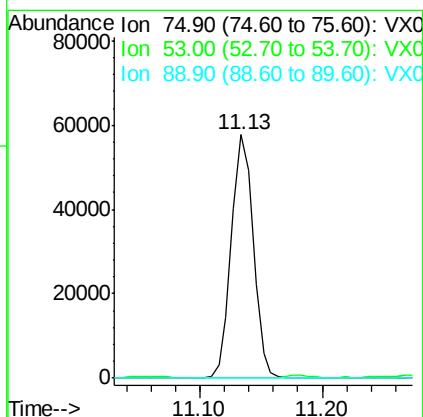
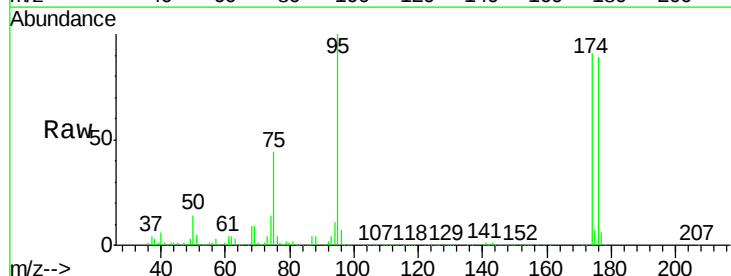
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-1-9.0-031419

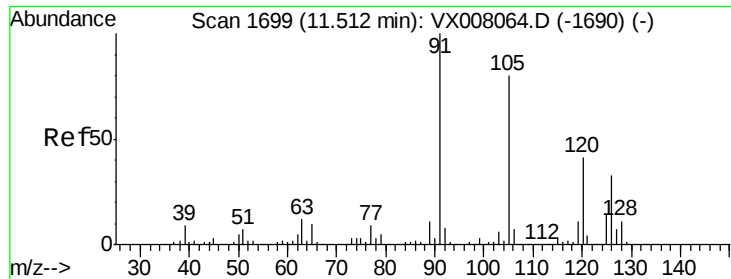
Tot Ion:105 Resp: 7308
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.389 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008149.D
 Acq: 16 Mar 2019 18:54

Tgt Ion: 75 Resp: 71693
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.0 36.3 54.5#

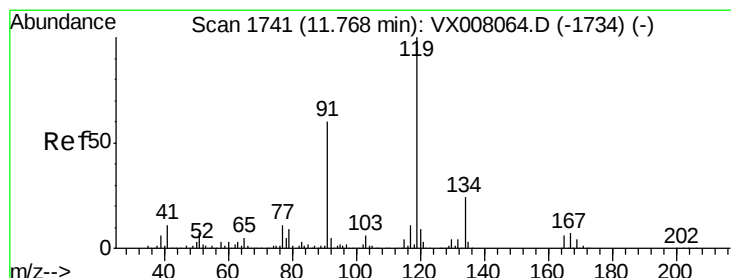
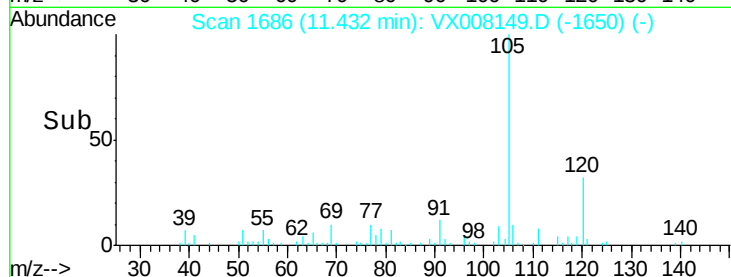
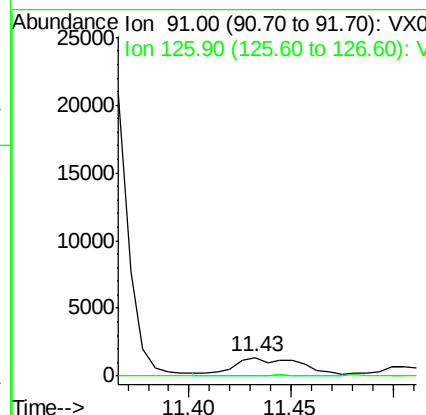
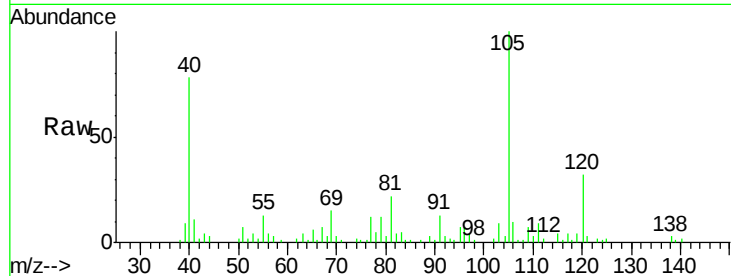




#82
4-Chlorotoluene
Concen: 0.349 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. -0.08 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

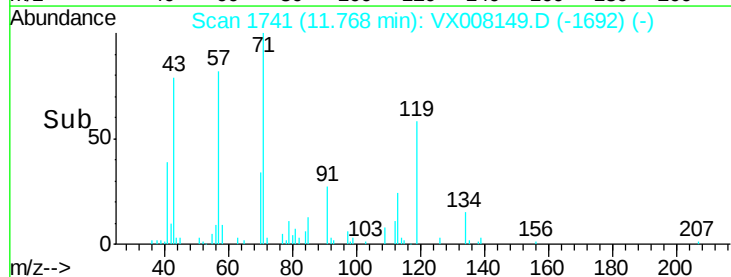
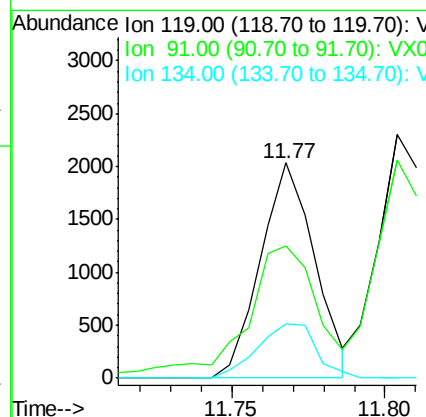
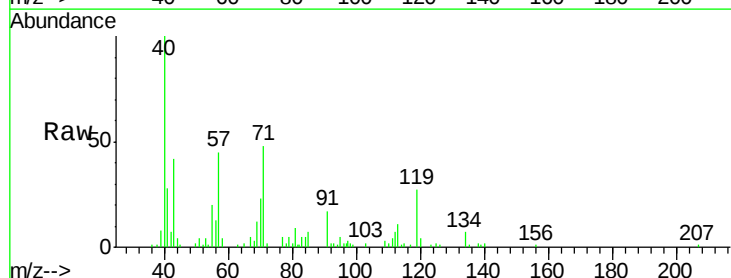
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-031419

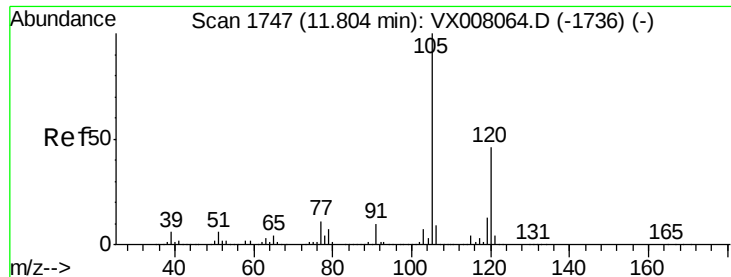
Tot Ion: 91 Resp: 2988
Ion Ratio Lower Upper
91 100
126 2.3 15.6 46.8#



#83
tert-Butylbenzene
Concen: 0.272 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008149.D
Acq: 16 Mar 2019 18:54

Tgt Ion: 119 Resp: 2508
Ion Ratio Lower Upper
119 100
91 83.7 27.1 81.3#
134 27.6 11.4 34.1

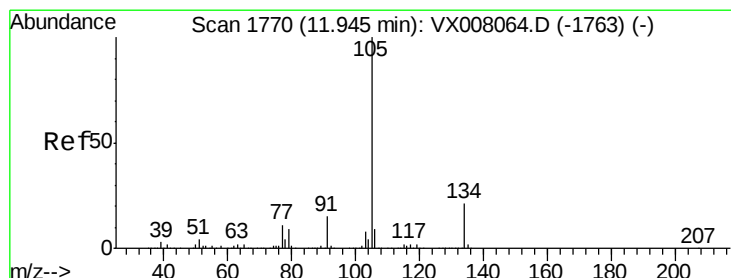
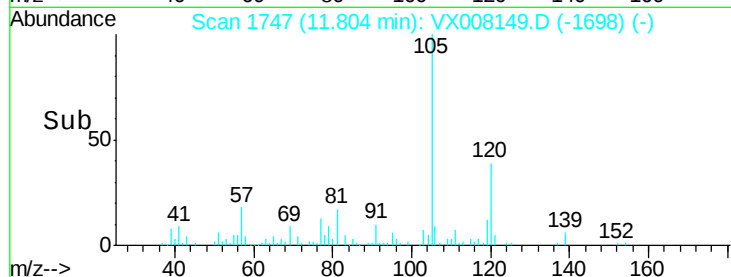
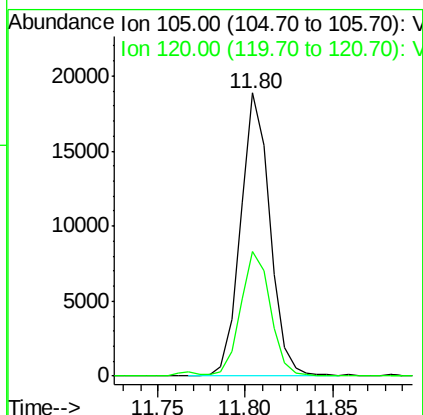
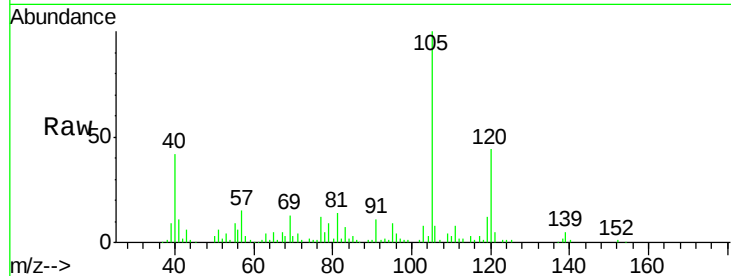




#84
 1,2,4-Trimethylbenzene
 Concen: 2.309 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008149.D
 Acq: 16 Mar 2019 18:54

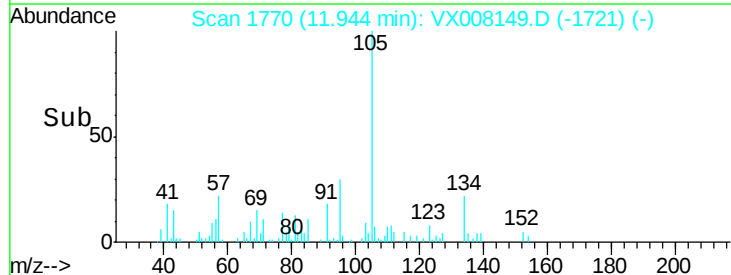
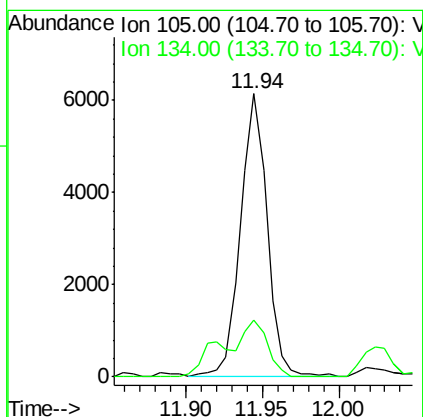
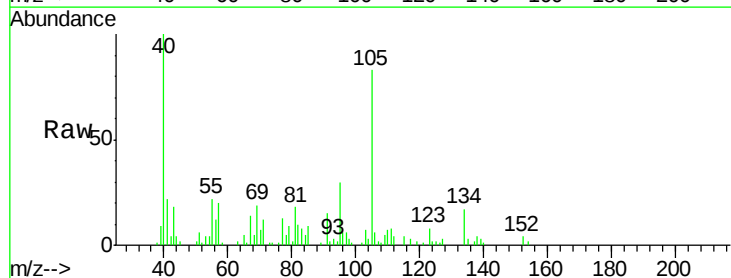
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-1-9.0-031419

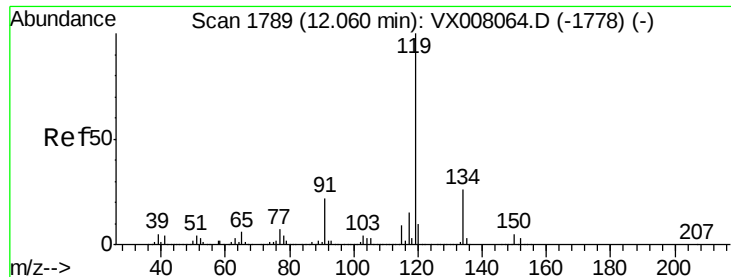
Tot Ion:105 Resp: 21915
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 0.679 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008149.D
 Acq: 16 Mar 2019 18:54

Tgt Ion:105 Resp: 7463
 Ion Ratio Lower Upper
 105 100
 134 18.1 10.4 31.2

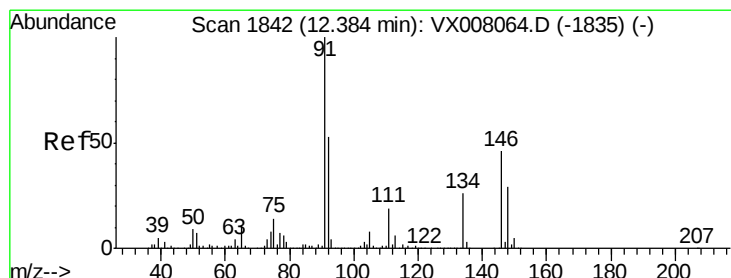
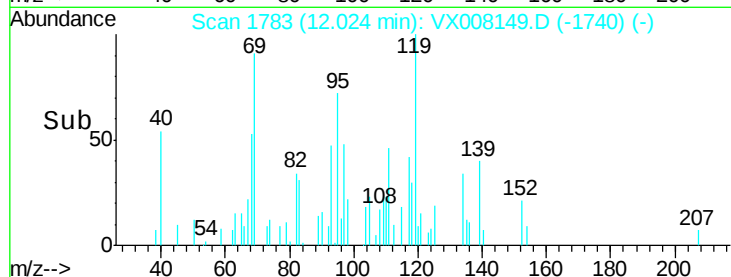
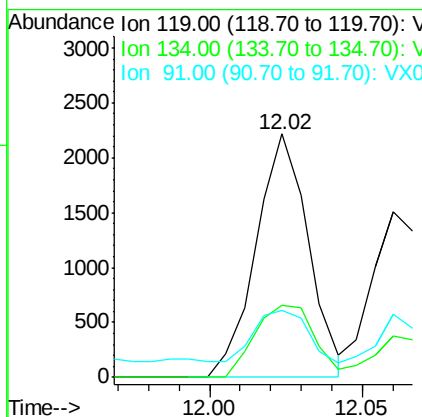
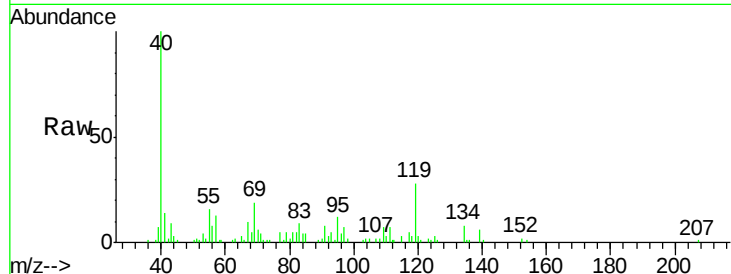




#86
 p-Isopropyltoluene
 Concen: 0.266 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: VX008149.D
 Acq: 16 Mar 2019 18:54

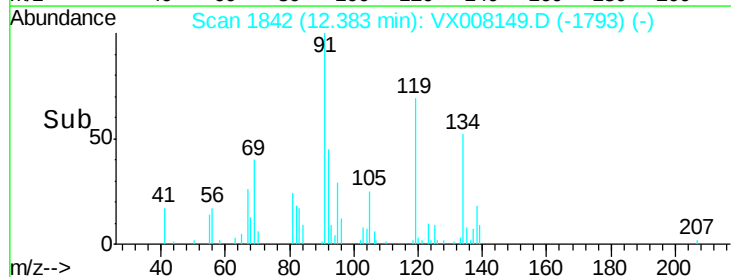
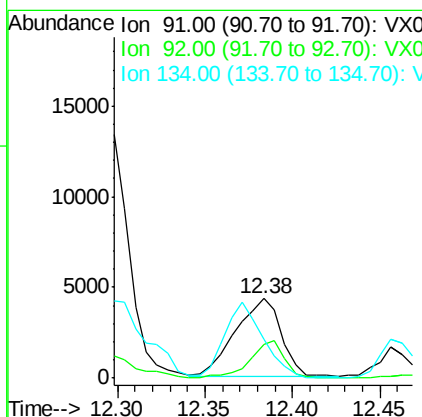
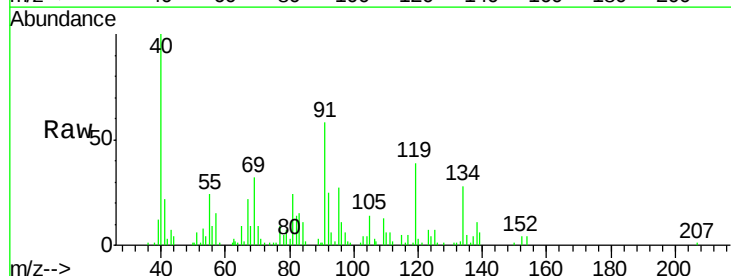
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-1-9.0-031419

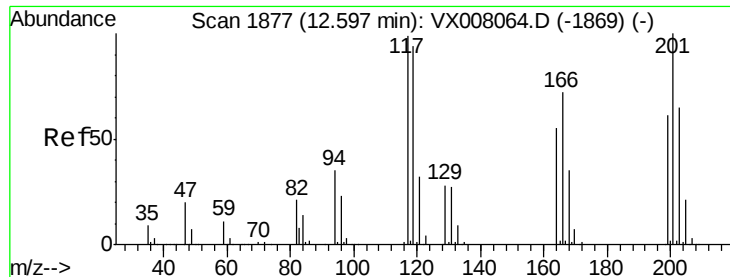
Tot Ion	Ratio	Lower	Upper
119	100		
134	33.5	13.3	39.9
91	21.7	10.9	32.7



#89
 n-Butylbenzene
 Concen: 0.919 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX008149.D
 Acq: 16 Mar 2019 18:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	36.9	27.0	80.8
134	84.2	13.7	41.0





#90

Hexachloroethane

Concen: 2.792 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

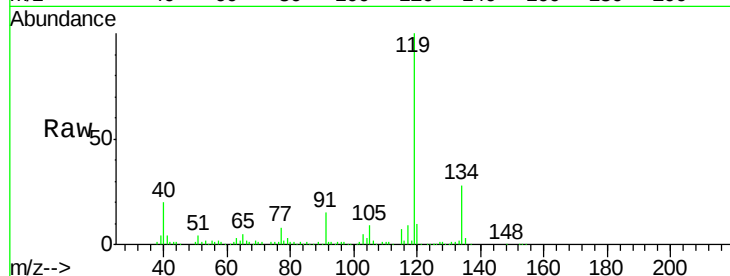
T3-MW-1-9.0-031419

Tot Ion:117 Resp: 4439

Ion Ratio Lower Upper

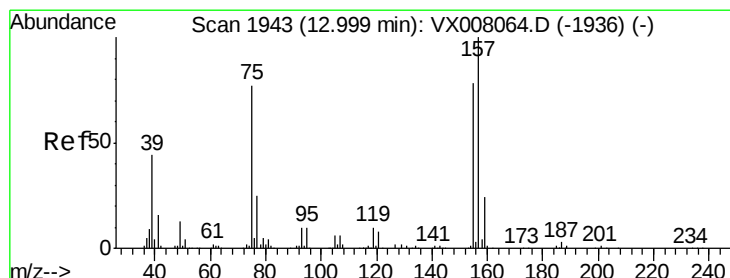
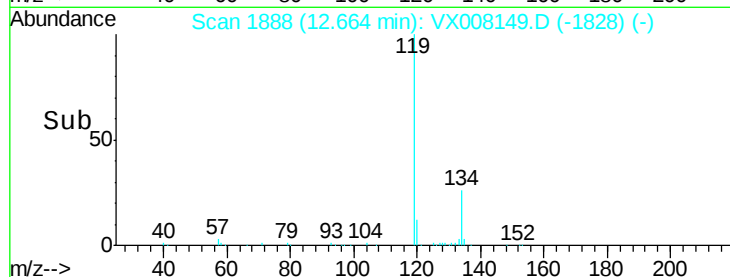
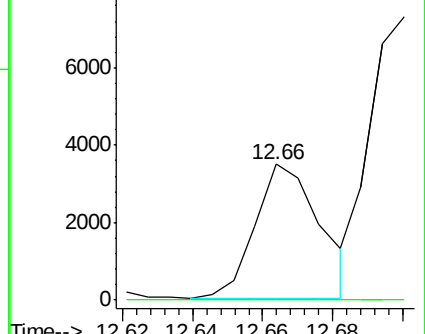
117 100

201 0.0 48.9 146.7#



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: 0.216 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

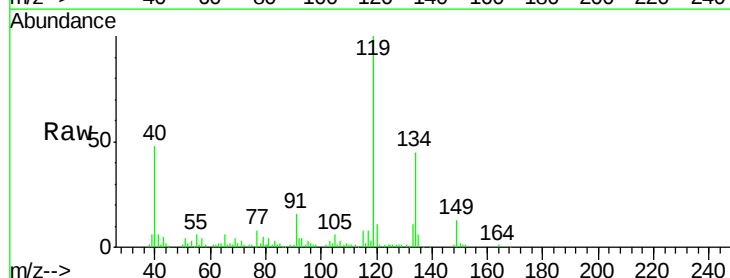
Tgt Ion: 75 Resp: 160

Ion Ratio Lower Upper

75 100

155 0.0 49.7 149.1#

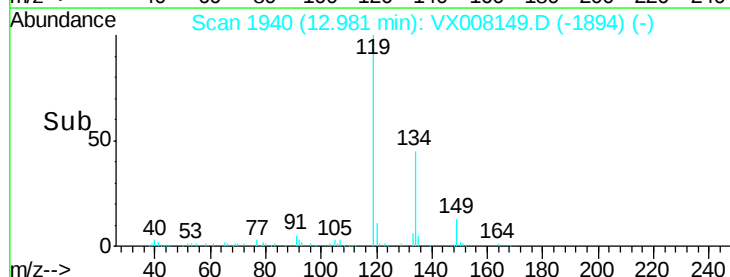
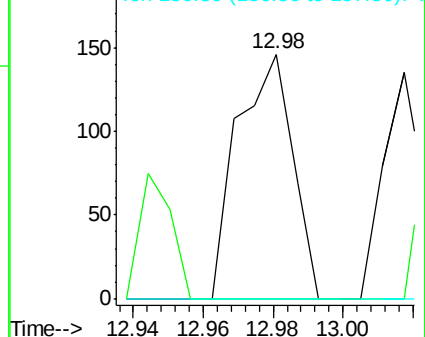
157 0.0 63.8 191.4#

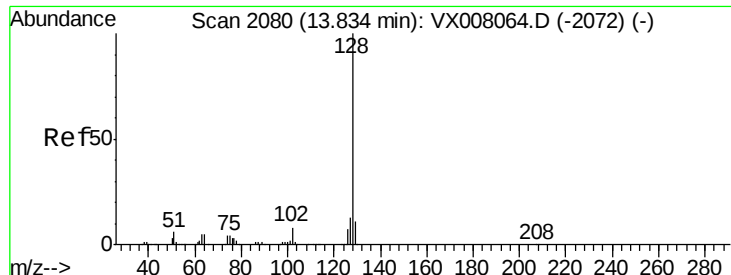


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 19.442 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008149.D

Acq: 16 Mar 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-1-9.0-031419

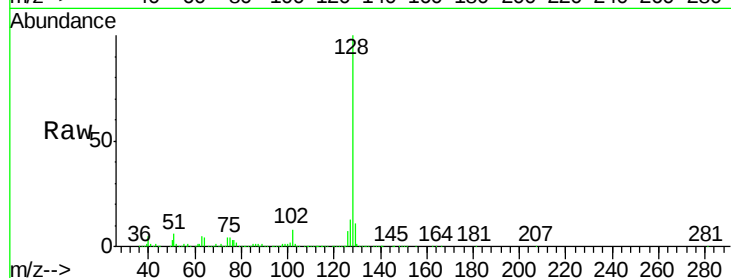
Tot Ion:128 Resp: 208378

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.5 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

