

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008153.D
 Acq On : 16 Mar 2019 20:40
 Operator : JC/SP
 Sample : K1960-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-031419

Quant Time: Mar 18 01:18:13 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	332773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	444389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	378346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175431	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	141487	42.15	ug/l	0.00
Spiked Amount			Recovery	=	84.30%	
35) Dibromofluoromethane	5.51	113	132064	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
50) Toluene-d8	8.71	98	514797	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.13	95	173827	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.59	94	42	Below Cal	#	2
11) Tert butyl alcohol	3.06	59	1493	2.302	ug/l #	73
14) Allyl chloride	2.85	41	4665	1.009	ug/l #	73
15) Acrylonitrile	3.17	53	1429	0.904	ug/l #	42
16) Acetone	2.45	43	154521	97.504	ug/l	95
18) Methyl Acetate	2.78	43	3643	1.064	ug/l #	87
19) Methyl tert-butyl Ether	3.20	73	11066	1.290	ug/l #	19
20) Methylene Chloride	2.86	84	2954	1.044	ug/l #	83
25) 2-Butanone	4.70	43	878	0.361	ug/l #	47
30) Chloroform	5.28	83	4194	0.822	ug/l #	33
31) Cyclohexane	5.58	56	31344	6.530	ug/l #	92
36) 1,1-Dichloropropene	5.67	75	18544	5.072	ug/l #	49
38) Carbon Tetrachloride	5.67	117	26704	7.589	ug/l #	16
39) Methylcyclohexane	7.46	83	97875	20.945	ug/l	100
40) Benzene	6.15	78	3739	0.334	ug/l #	86
41) Methacrylonitrile	5.07	41	826	0.361	ug/l #	43
43) Isopropyl Acetate	6.45	43	3048	0.482	ug/l #	61
45) 1,2-Dichloropropane	7.46	63	1265	0.428	ug/l #	1
47) Bromodichloromethane	7.85	83	1416	0.402	ug/l #	64
48) Methyl methacrylate	7.73	41	14854	4.495	ug/l #	43
51) 4-Methyl-2-Pentanone	8.67	43	2317	0.556	ug/l #	36
52) Toluene	8.79	92	3506	0.492	ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	23120	7.976	ug/l #	18
56) Ethyl methacrylate	9.16	69	5633	1.316	ug/l #	30
59) 2-Hexanone	9.51	43	1095	0.336	ug/l	78
67) Ethyl Benzene	10.25	91	10936	0.880	ug/l	96
68) m/p-Xylenes	10.35	106	1104	0.232	ug/l #	47
69) o-Xylene	10.69	106	1414	0.305	ug/l	98
73) Isopropylbenzene	11.02	105	433866	38.614	ug/l	100
76) 1,2,3-Trichloropropane	11.36	75	10032	3.293	ug/l #	1
78) n-propylbenzene	11.36	91	1845293	149.691	ug/l	99
79) 2-Chlorotoluene	11.36	91	1845293	245.110	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.66	105	152025	16.420	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.02	75	4407	4.116	ug/l #	60

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 Quant Title : SW846 8260
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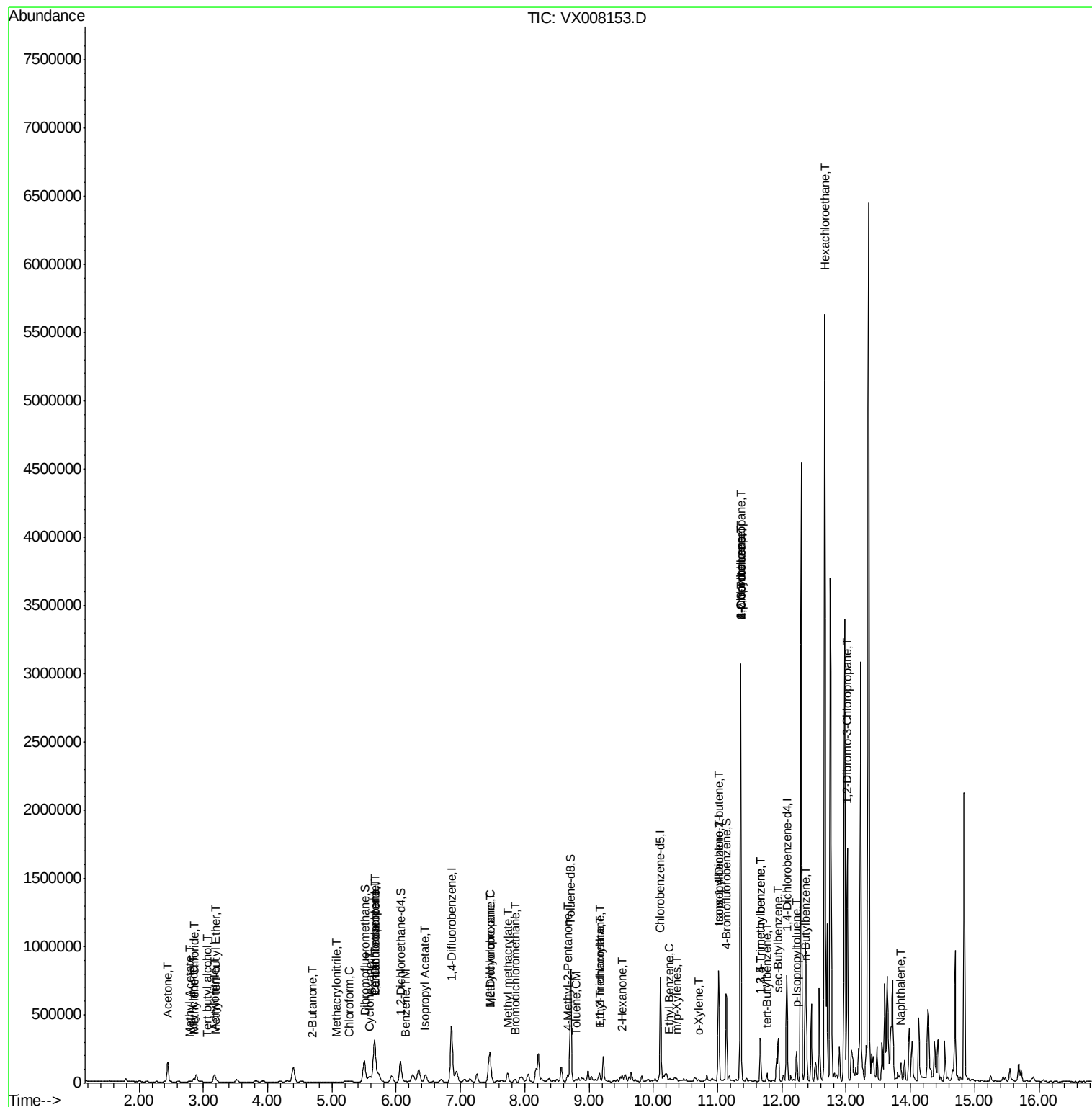
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.36	91	1845293	214.013	ug/l #	43
83) tert-Butylbenzene	11.77	119	25794	2.780	ug/l	92
84) 1,2,4-Trimethylbenzene	11.66	105	152025	15.918	ug/l	78
85) sec-Butylbenzene	11.94	105	169345	15.319	ug/l	96
86) p-Isopropyltoluene	12.23	119	100645	10.067	ug/l	99
89) n-Butylbenzene	12.38	91	215559	25.767	ug/l #	51
90) Hexachloroethane	12.67	117	236427	147.759	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	4236	5.691	ug/l #	1
95) Naphthalene	13.83	128	25879	2.399	ug/l #	86

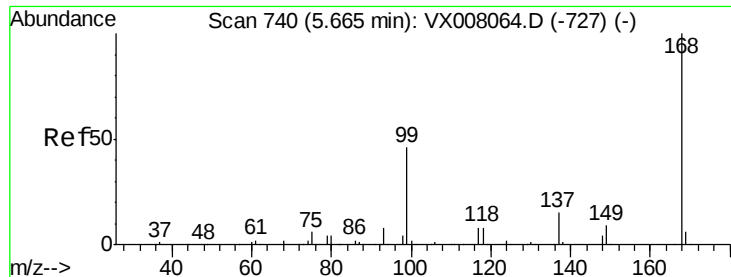
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

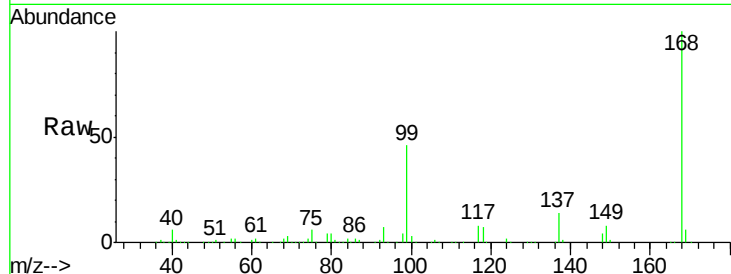
T3-MW-2-9.0-031419

Tot Ion:168 Resp: 332773

Ion Ratio Lower Upper

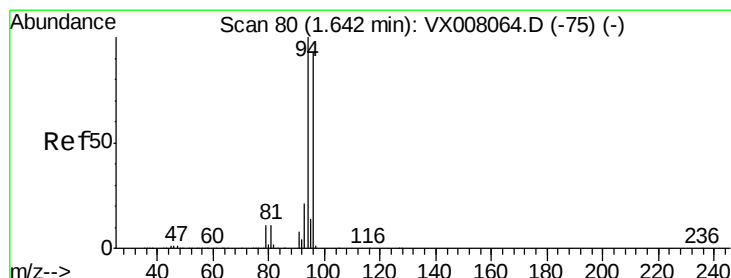
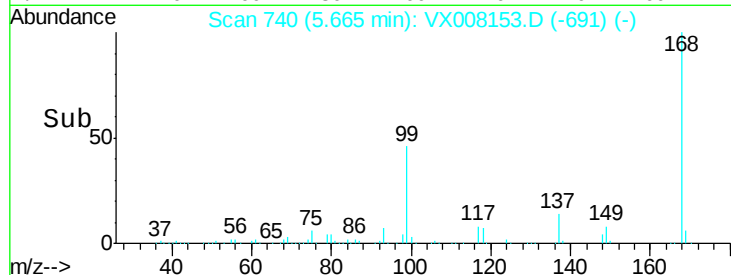
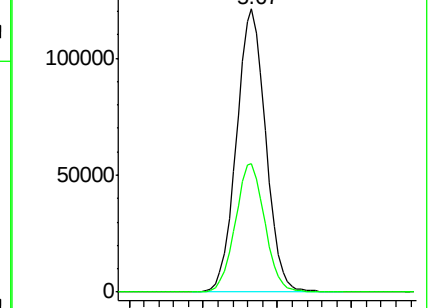
168 100

99 45.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.59 min Scan# 72

Delta R.T. -0.05 min

Lab File: VX008153.D

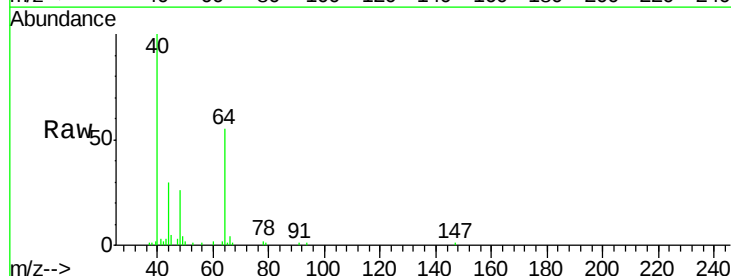
Acq: 16 Mar 2019 20:40

Tgt Ion: 94 Resp: 42

Ion Ratio Lower Upper

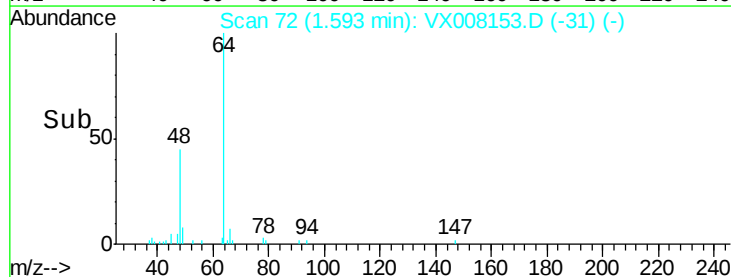
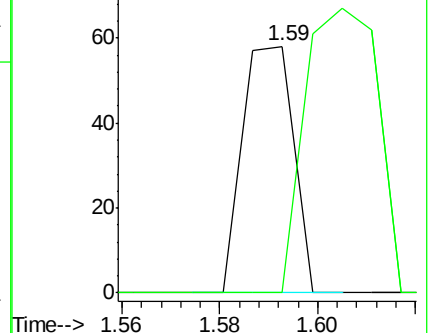
94 100

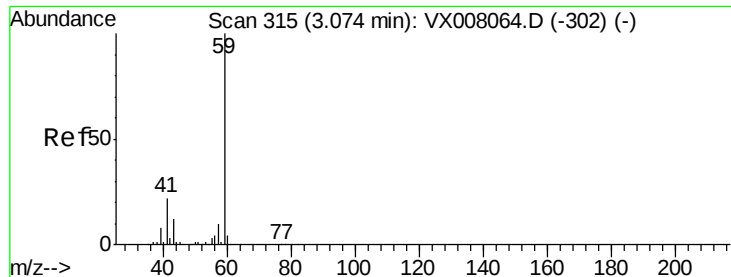
96 0.0 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



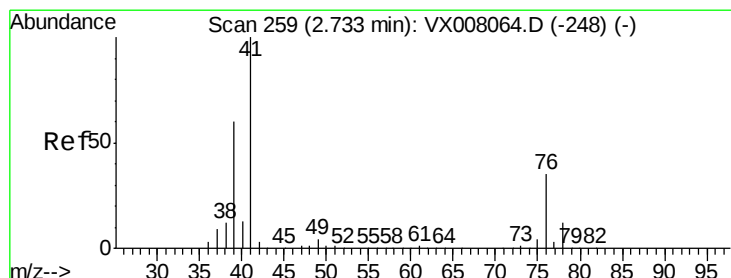
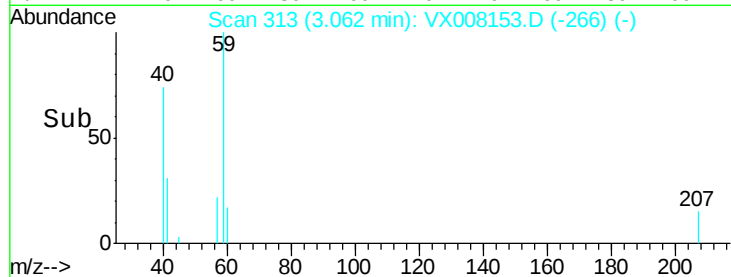
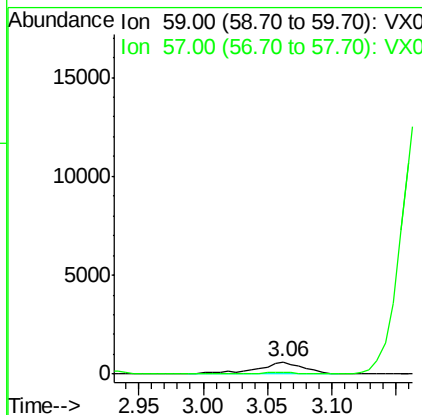
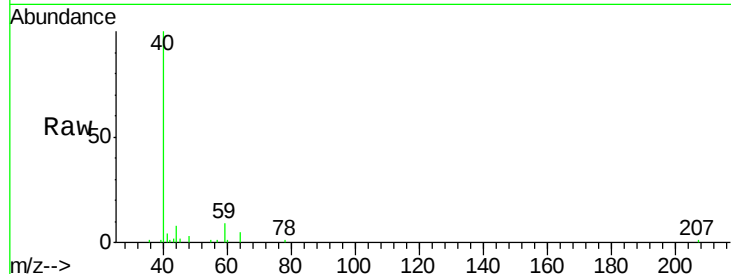


#11

Tert butyl alcohol
 Concen: 2.302 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX008153.D
 Acq: 16 Mar 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-031419

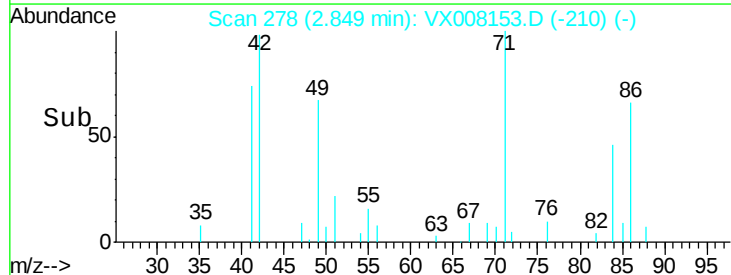
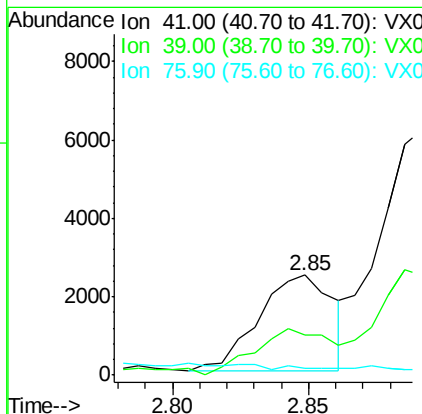
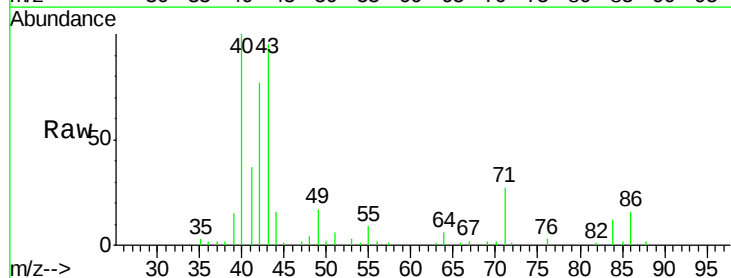
Tot Ion: 59 Resp: 1493
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

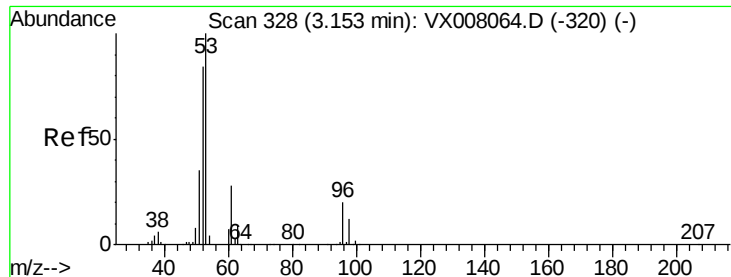


#14

Allyl chloride
 Concen: 1.009 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.12 min
 Lab File: VX008153.D
 Acq: 16 Mar 2019 20:40

Tgt Ion: 41 Resp: 4665
 Ion Ratio Lower Upper
 41 100
 39 48.8 46.1 69.1
 76 0.0 24.0 36.0#





#15

Acrylonitrile

Concen: 0.904 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-031419

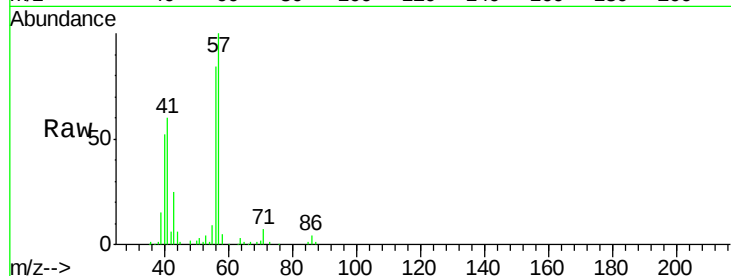
Tot Ion: 53 Resp: 1429

Ion Ratio Lower Upper

53 100

52 23.4 66.0 99.0#

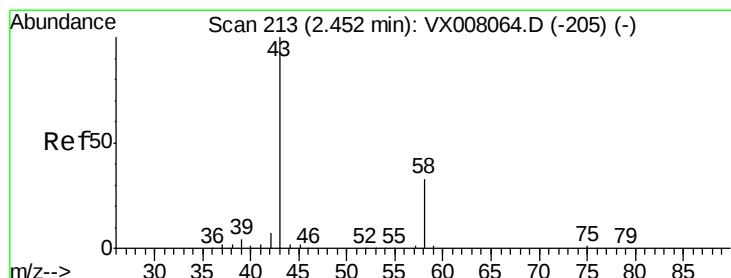
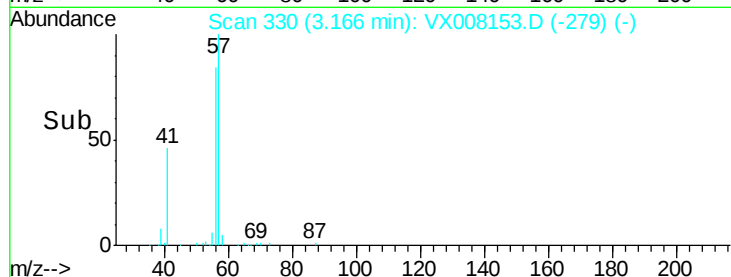
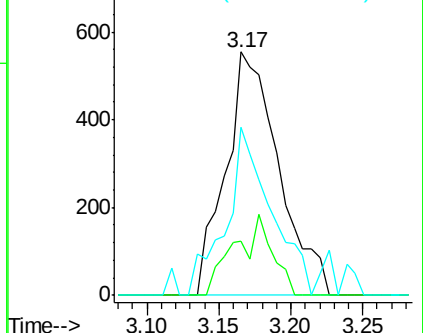
51 58.6 28.0 42.0#



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: 97.504 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008153.D

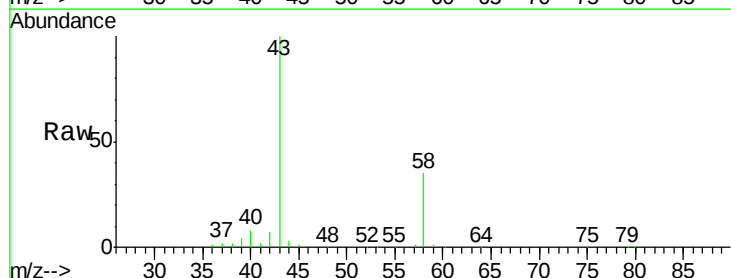
Acq: 16 Mar 2019 20:40

Tgt Ion: 43 Resp: 154521

Ion Ratio Lower Upper

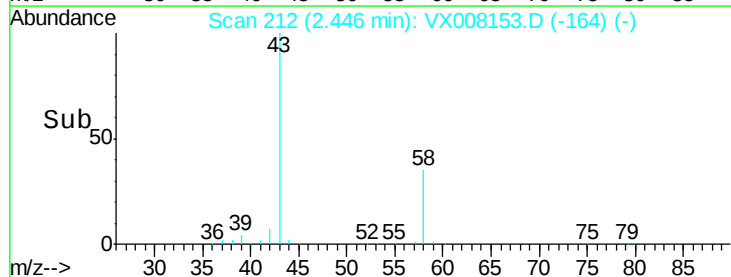
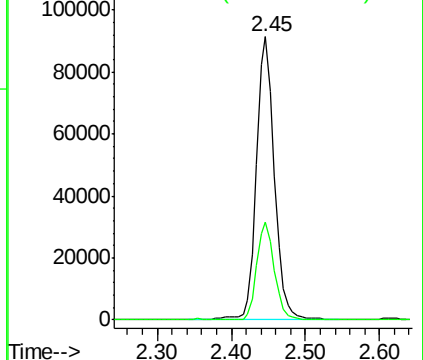
43 100

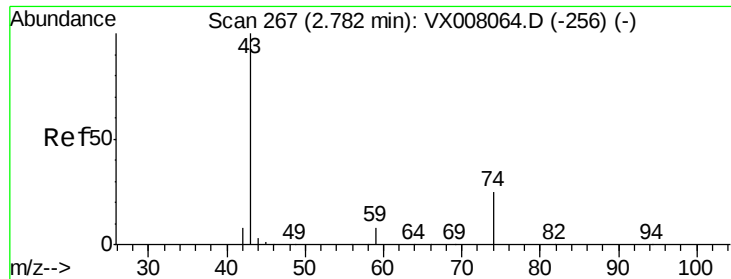
58 34.5 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

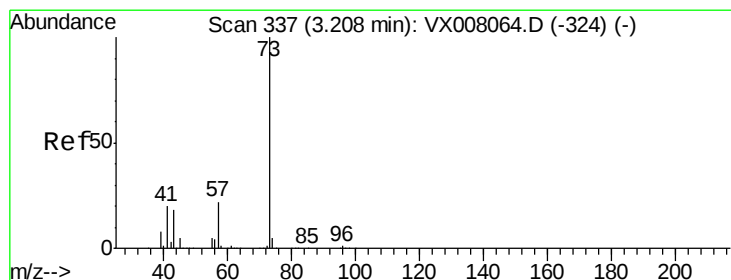
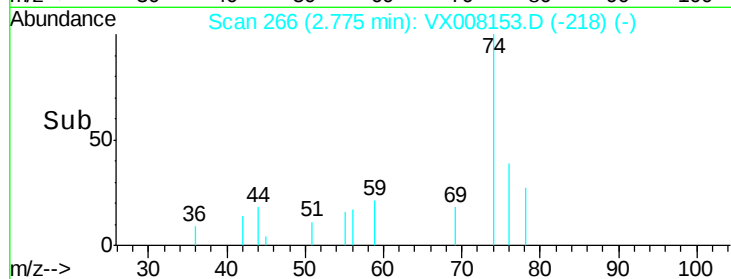
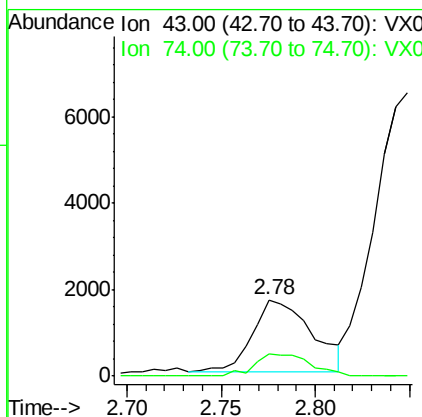
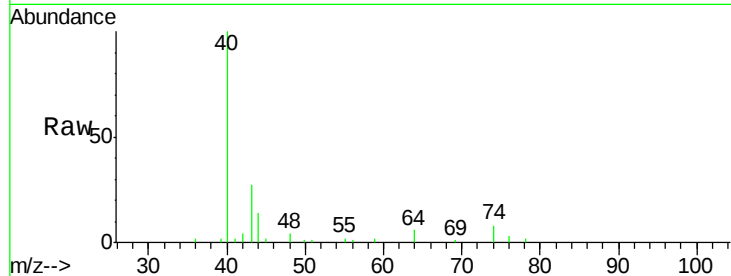




#18
Methyl Acetate
Concen: 1.064 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

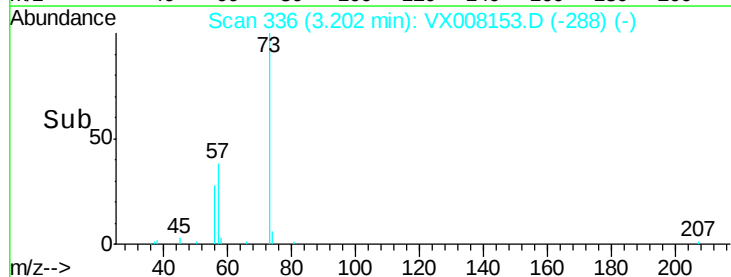
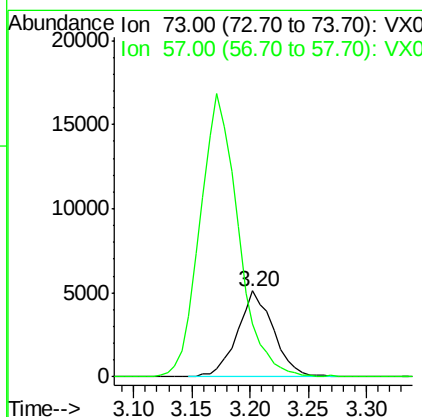
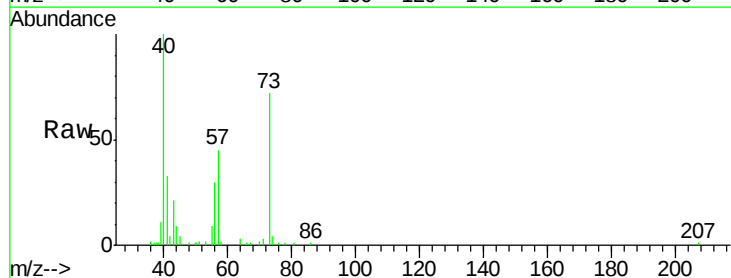
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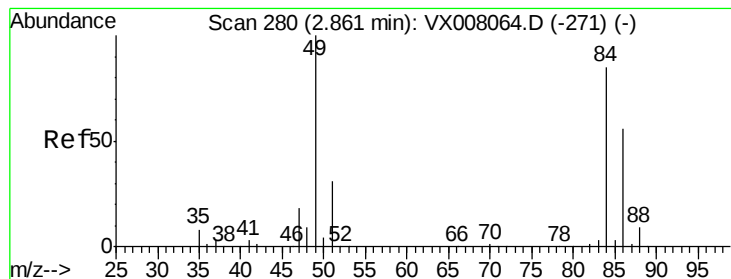
Tot Ion: 43 Resp: 3643
Ion Ratio Lower Upper
43 100
74 28.5 17.8 26.6#



#19
Methyl tert-butyl Ether
Concen: 1.290 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

Tgt Ion: 73 Resp: 11066
Ion Ratio Lower Upper
73 100
57 61.7 18.2 27.4#





#20

Methvlene Chloride

Concen: 1.044 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-031419

Tot Ion: 84 Resp: 2954

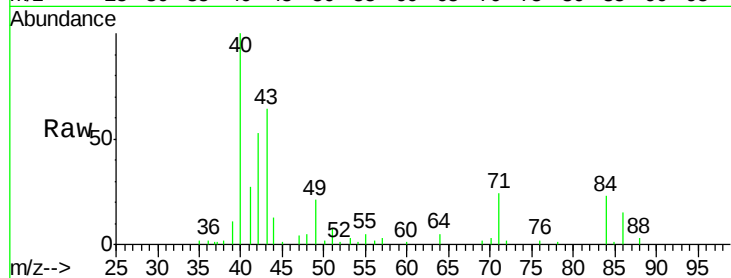
Ion Ratio Lower Upper

84 100

49 91.9 99.3 148.9#

51 35.6 31.3 46.9

86 66.4 52.6 79.0

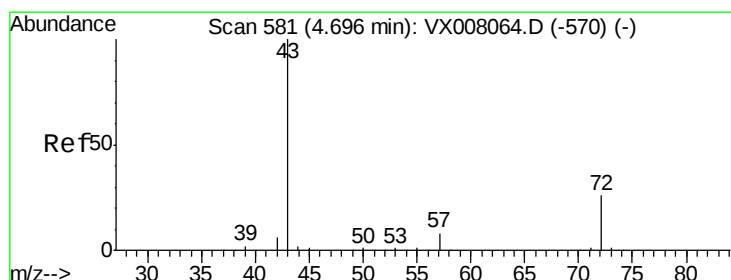
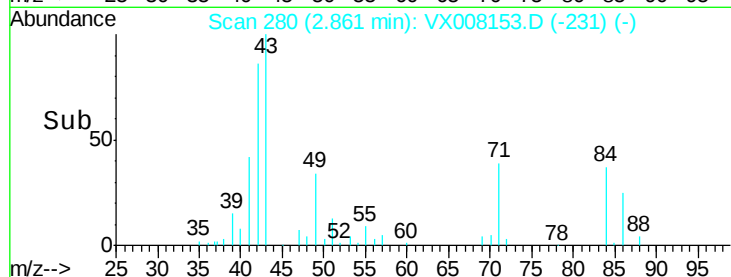
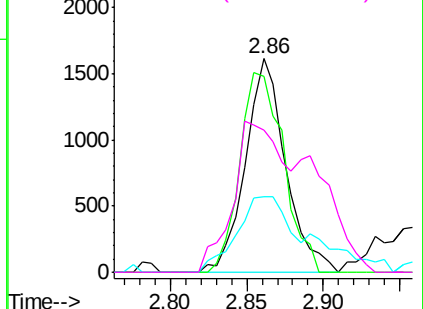


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 0.361 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX008153.D

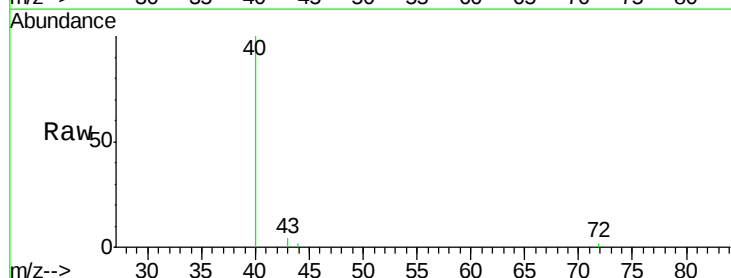
Acq: 16 Mar 2019 20:40

Tgt Ion: 43 Resp: 878

Ion Ratio Lower Upper

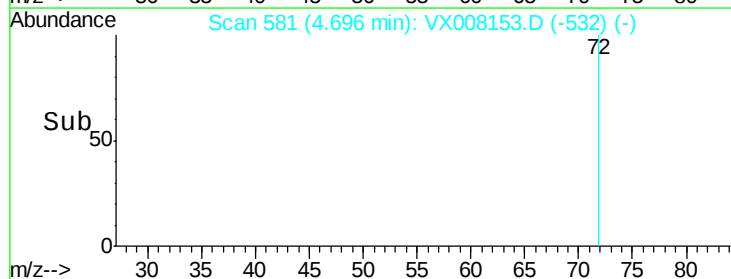
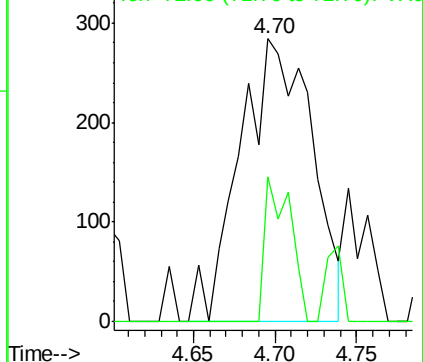
43 100

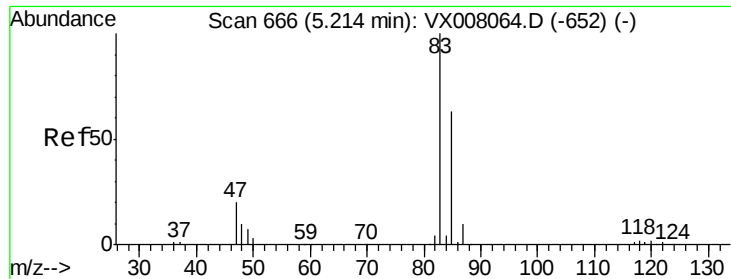
72 51.4 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

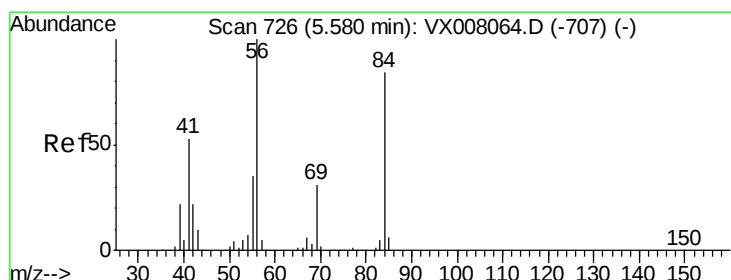
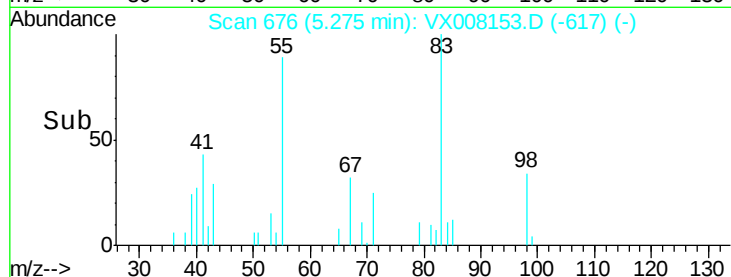
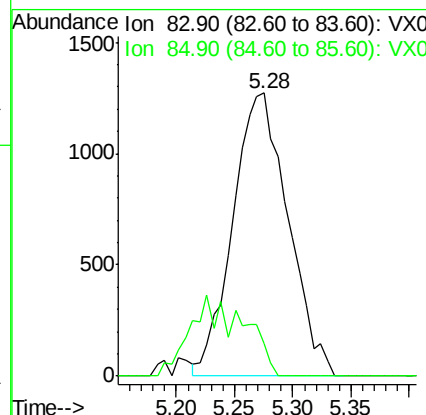
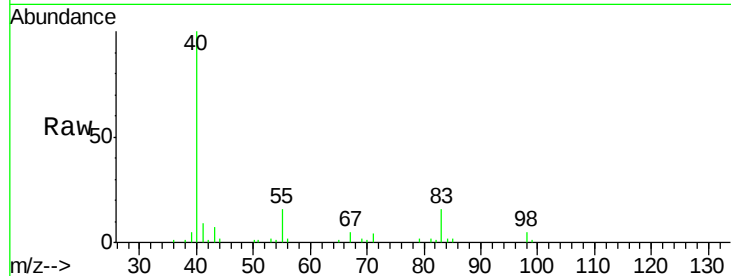




#30
Chloroform
Concen: 0.822 ug/l
RT: 5.28 min Scan# 676
Delta R.T. 0.06 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

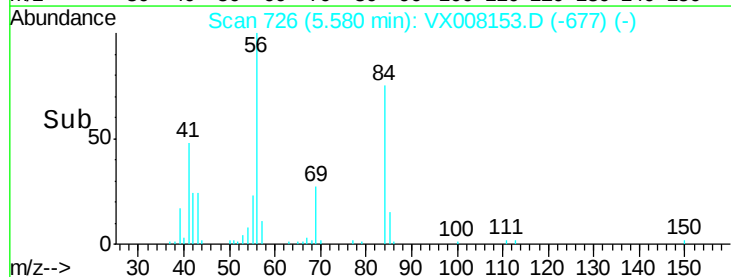
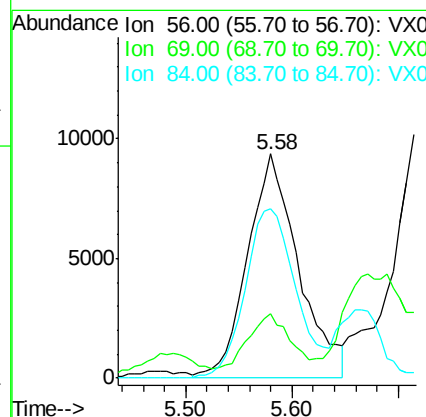
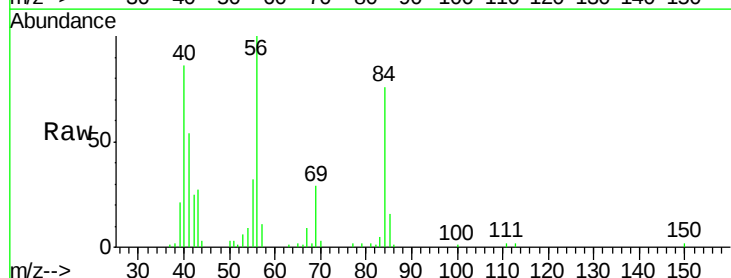
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-031419

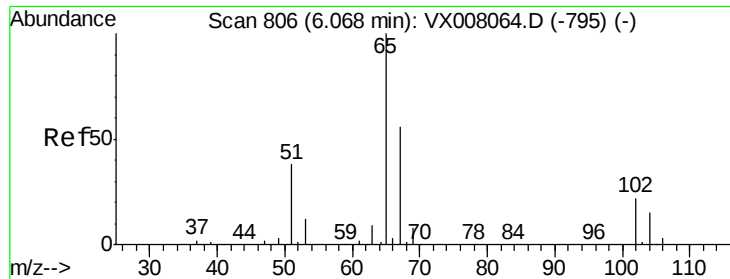
Tot Ion: 83 Resp: 4194
Ion Ratio Lower Upper
83 100
85 11.7 51.8 77.6#



#31
Cyclohexane
Concen: 6.530 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

Tgt Ion: 56 Resp: 31344
Ion Ratio Lower Upper
56 100
69 21.4 24.0 36.0#
84 76.7 65.3 97.9

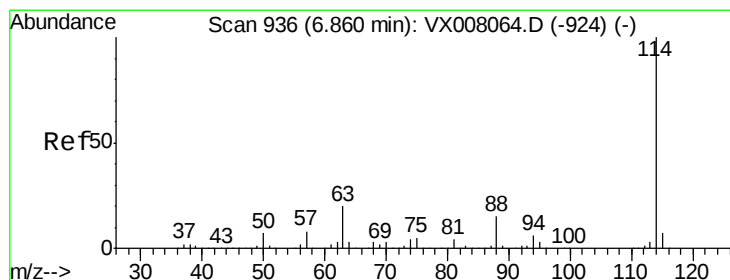
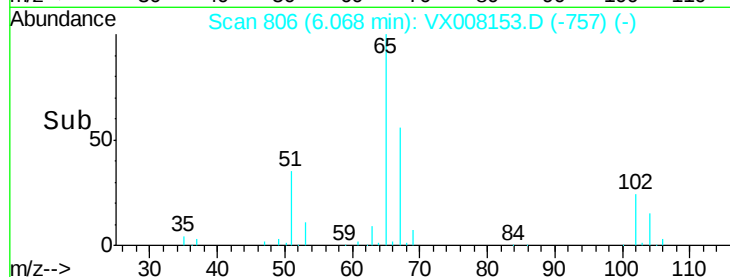
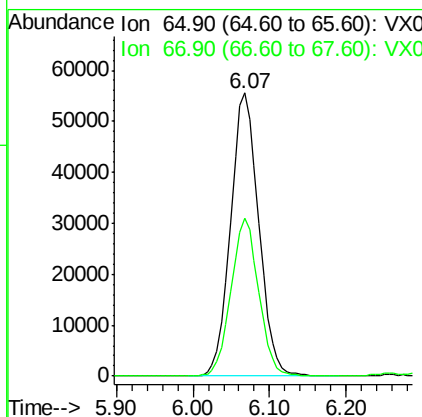
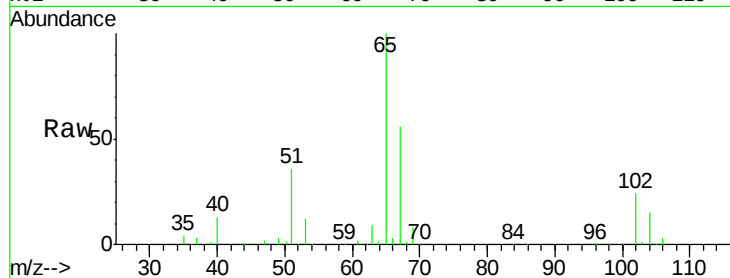




#33
 1,2-Dichloroethane-d4
 Concen: 42.149 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008153.D
 Acq: 16 Mar 2019 20:40

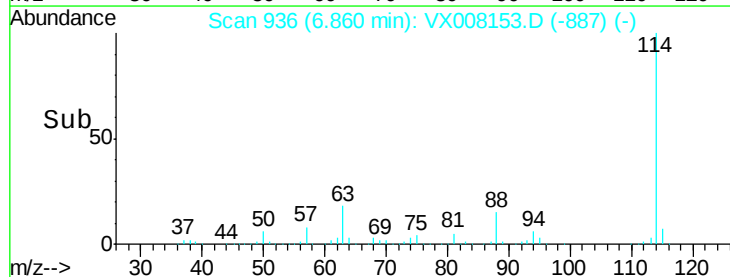
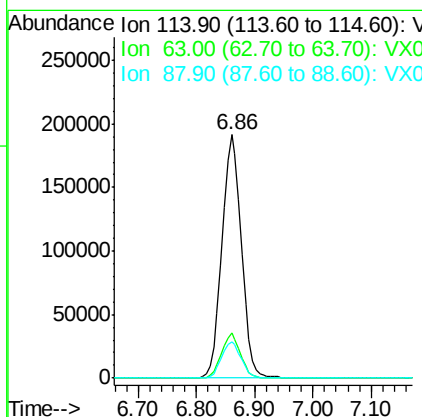
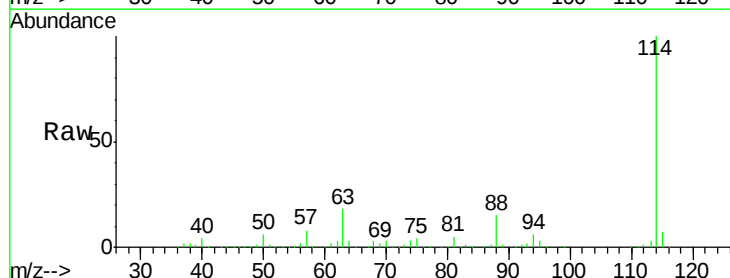
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-031419

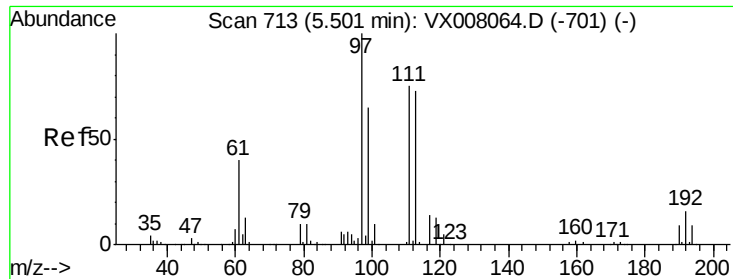
Tot Ion: 65 Resp: 141487
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008153.D
 Acq: 16 Mar 2019 20:40

Tgt Ion: 114 Resp: 444389
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.8
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.863 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-031419

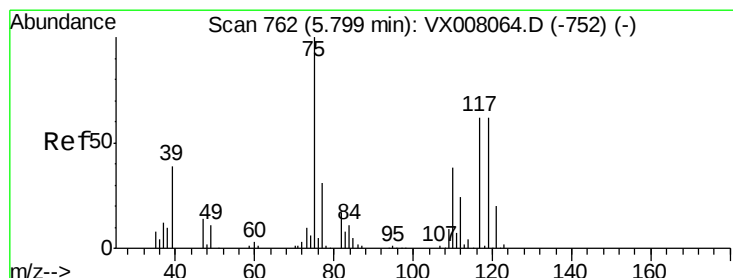
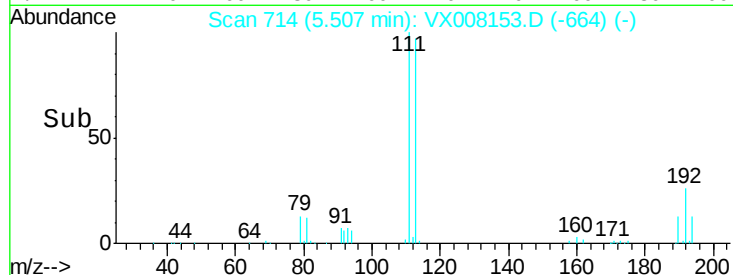
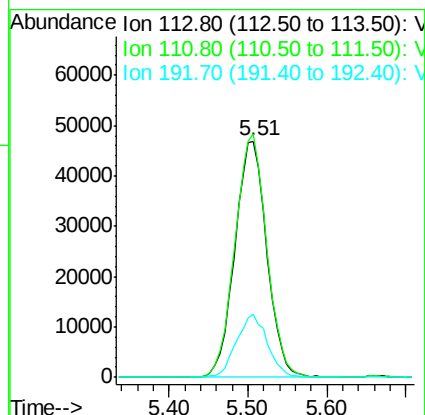
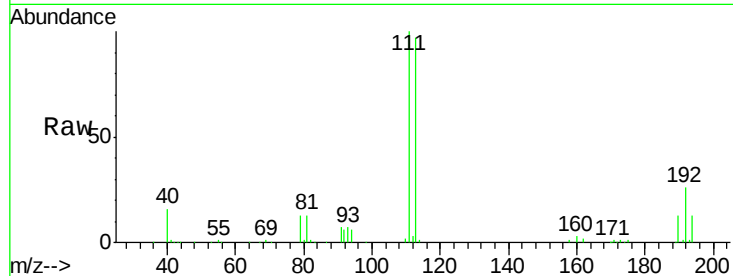
Tot Ion:113 Resp: 132064

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 25.9 19.4 29.0



#36

1,1-Dichloropropene

Concen: 5.072 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

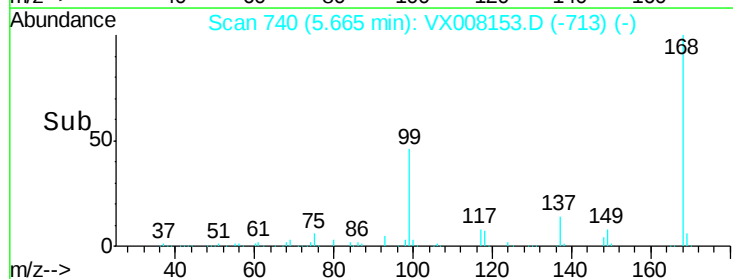
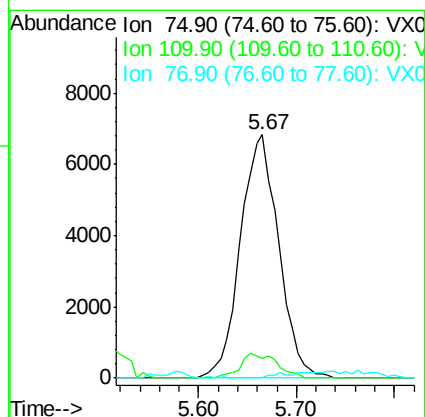
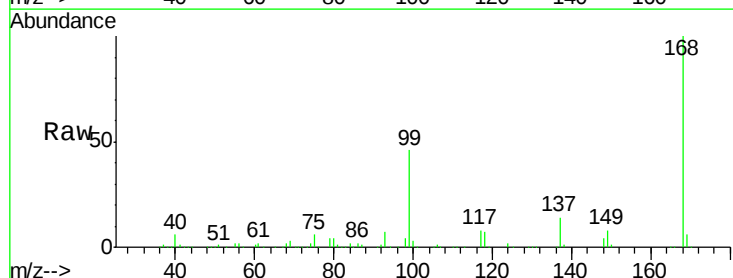
Tgt Ion: 75 Resp: 18544

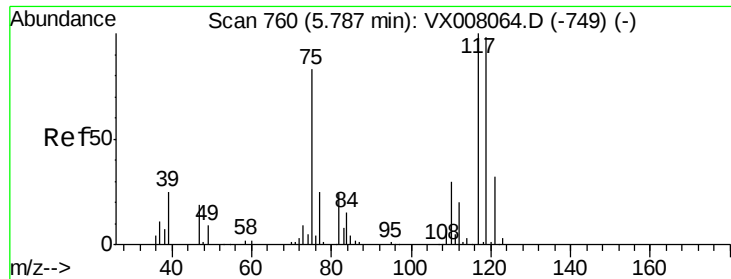
Ion Ratio Lower Upper

75 100

110 9.7 18.4 55.0#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 7.589 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-031419

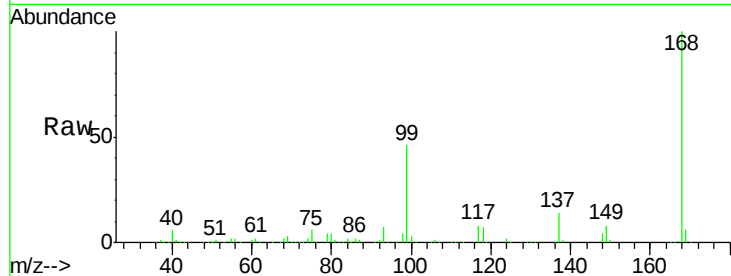
Tot Ion:117 Resp: 26704

Ion Ratio Lower Upper

117 100

119 4.7 76.2 114.2#

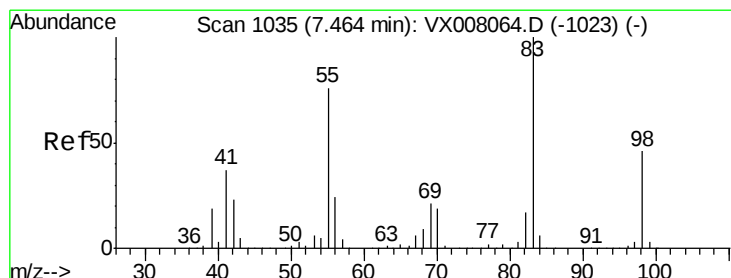
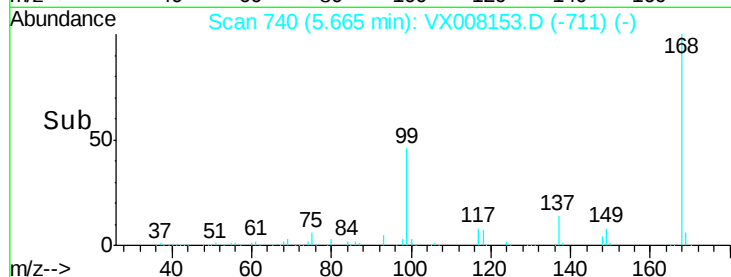
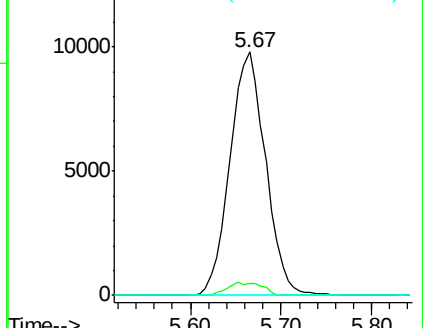
121 0.0 24.6 36.8#



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: 20.945 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

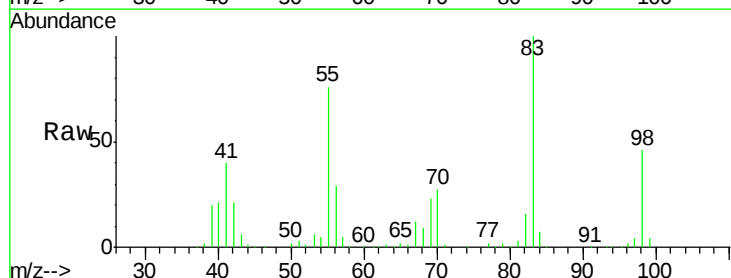
Tgt Ion: 83 Resp: 97875

Ion Ratio Lower Upper

83 100

55 75.6 60.4 90.6

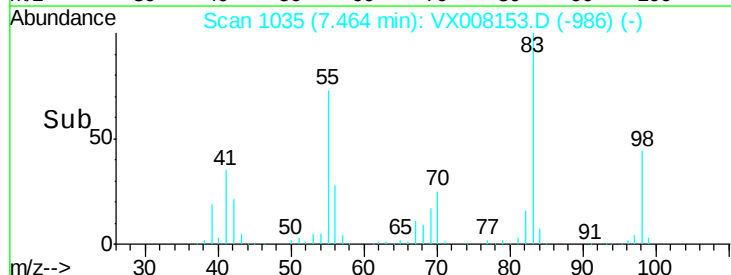
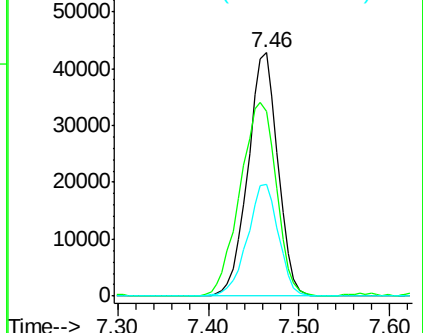
98 45.8 36.5 54.7

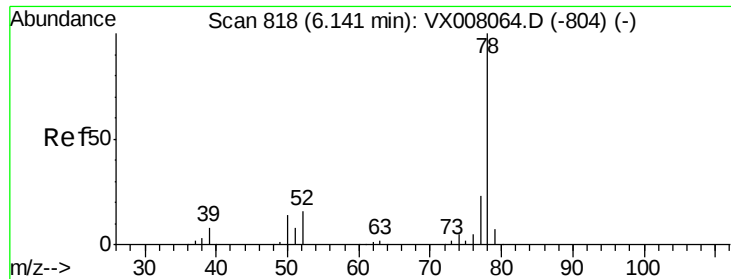


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.334 ug/l

RT: 6.15 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

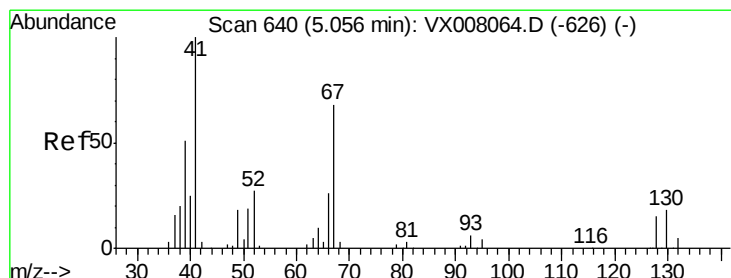
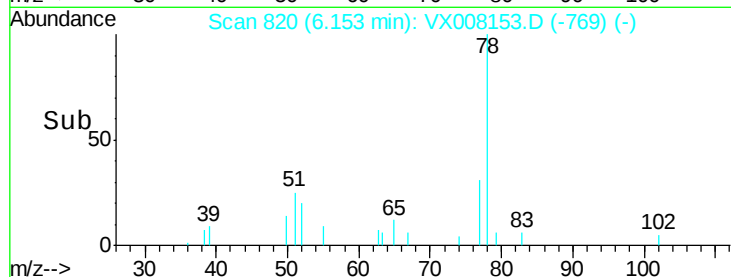
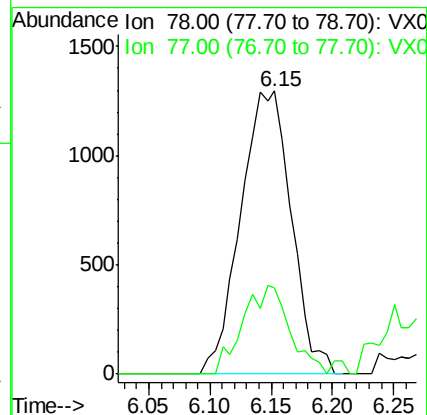
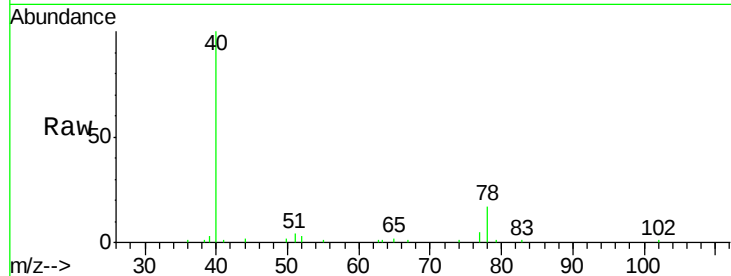
T3-MW-2-9.0-031419

Tot Ion: 78 Resp: 3739

Ion Ratio Lower Upper

78 100

77 30.6 19.0 28.4#



#41

Methacrylonitrile

Concen: 0.361 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Tgt Ion: 41 Resp: 826

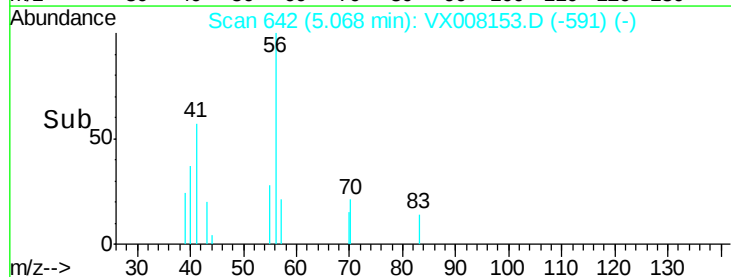
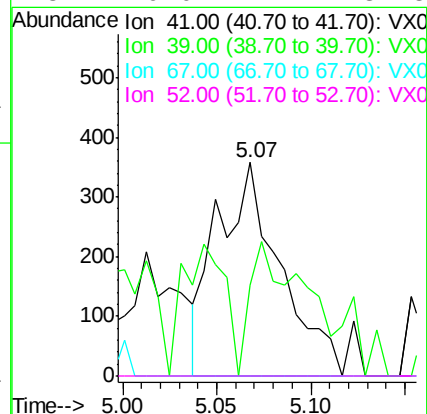
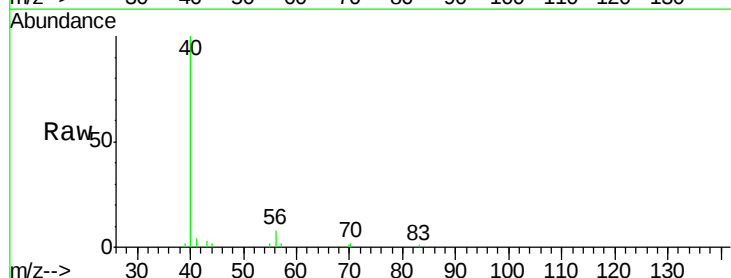
Ion Ratio Lower Upper

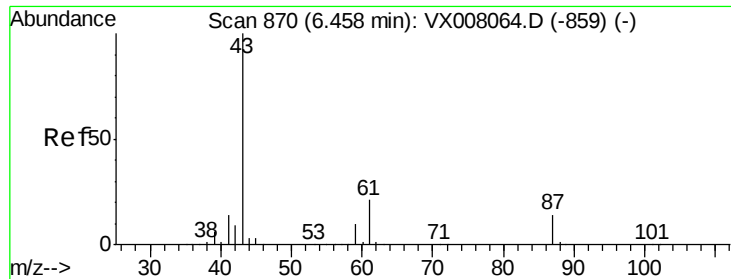
41 100

39 66.6 41.6 62.4#

67 0.0 55.8 83.6#

52 0.0 21.7 32.5#





#43

Isopropyl Acetate

Concen: 0.482 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-031419

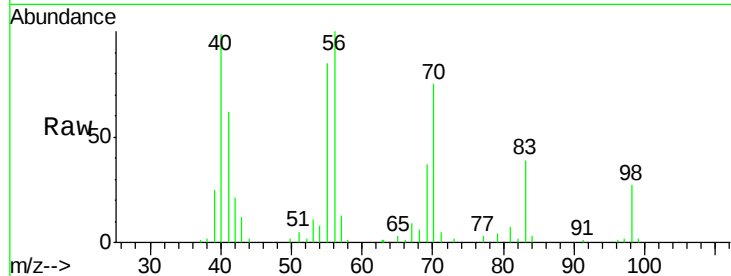
Tot Ion: 43 Resp: 3048

Ion Ratio Lower Upper

43 100

61 0.6 16.3 24.5#

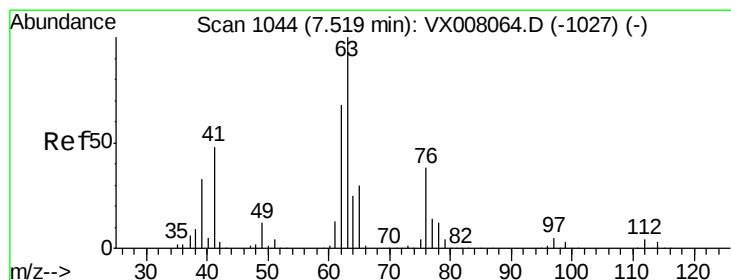
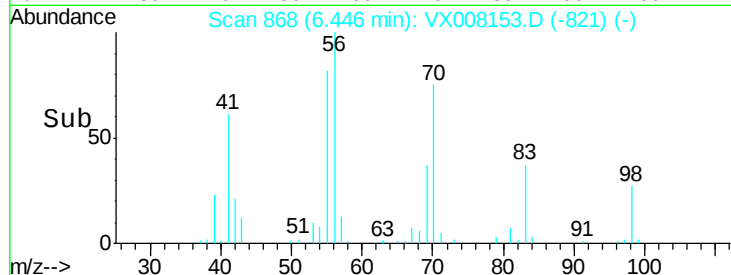
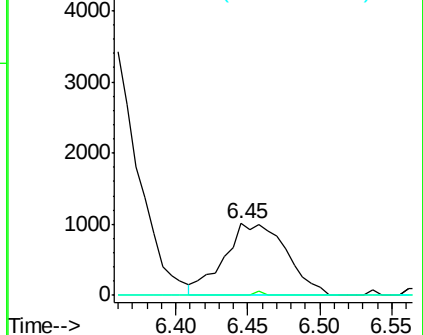
87 0.0 10.5 15.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 0.428 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX008153.D

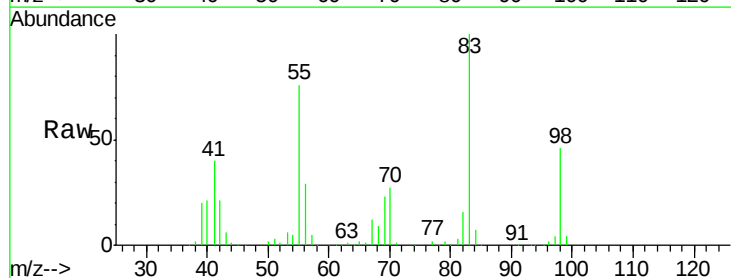
Acq: 16 Mar 2019 20:40

Tgt Ion: 63 Resp: 1265

Ion Ratio Lower Upper

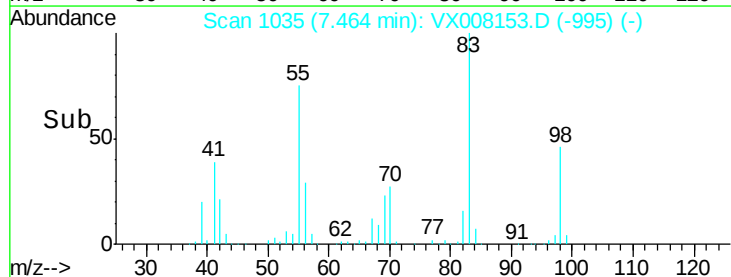
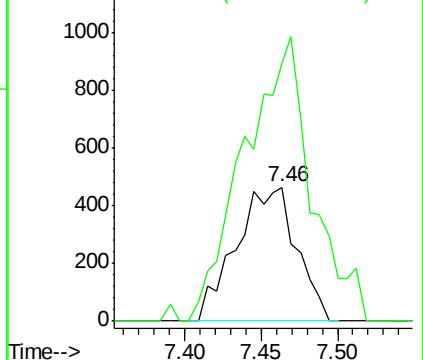
63 100

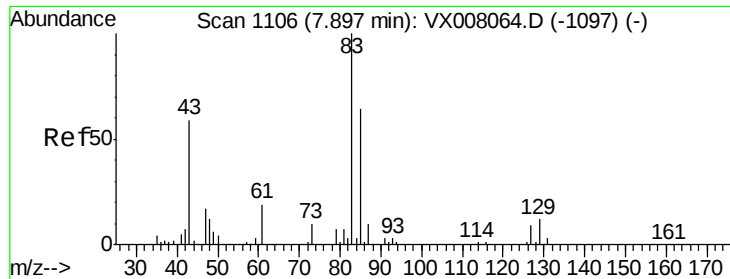
65 193.3 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.402 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-031419

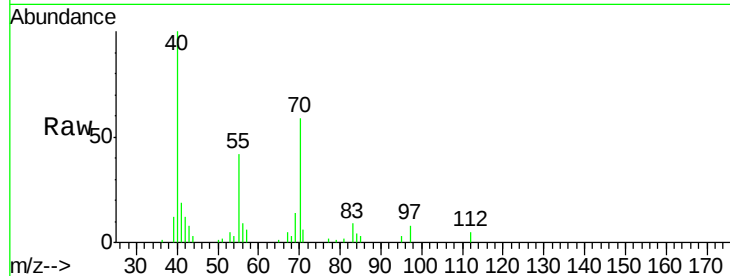
Tot Ion: 83 Resp: 1416

Ion Ratio Lower Upper

83 100

85 34.2 50.9 76.3#

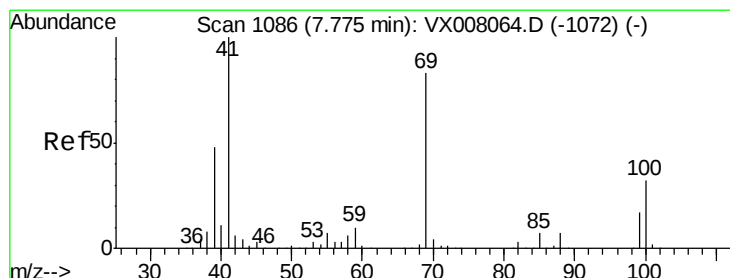
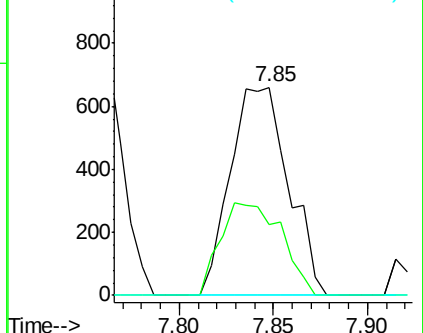
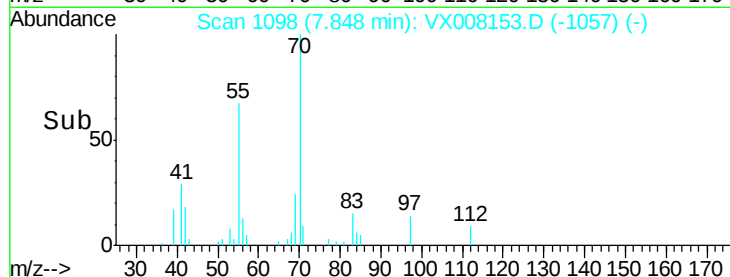
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.495 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

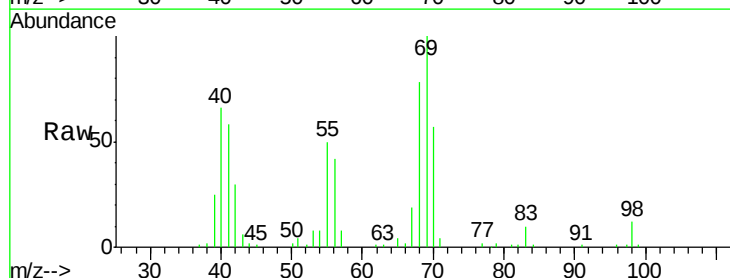
Tgt Ion: 41 Resp: 14854

Ion Ratio Lower Upper

41 100

69 161.4 65.2 97.8#

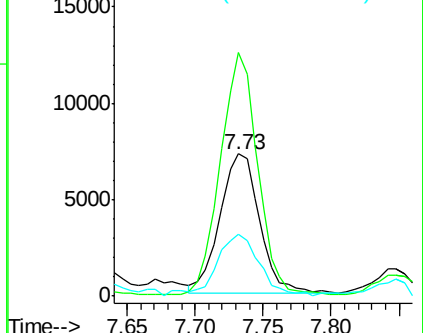
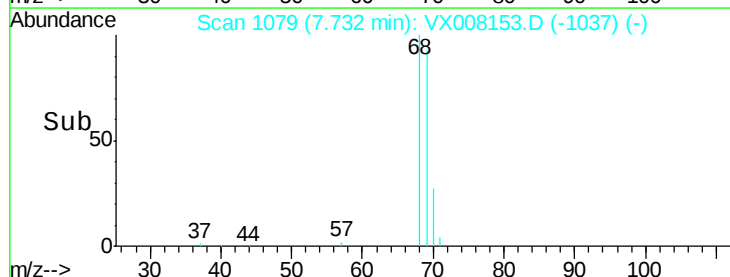
39 47.6 39.4 59.2

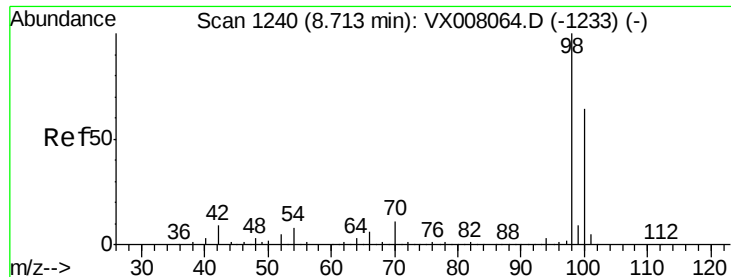


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

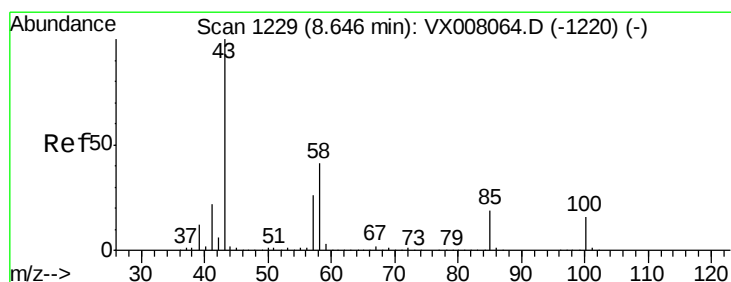
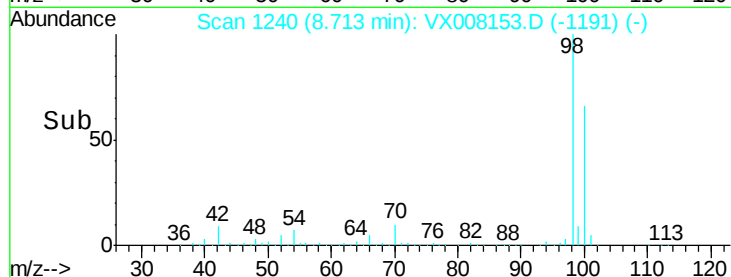
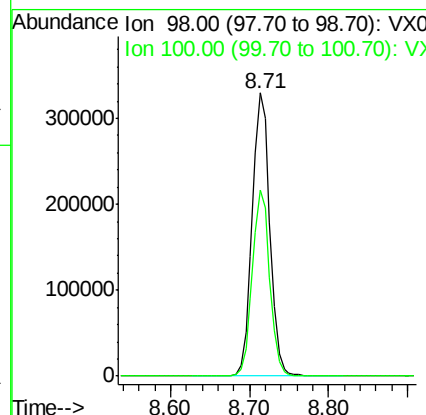
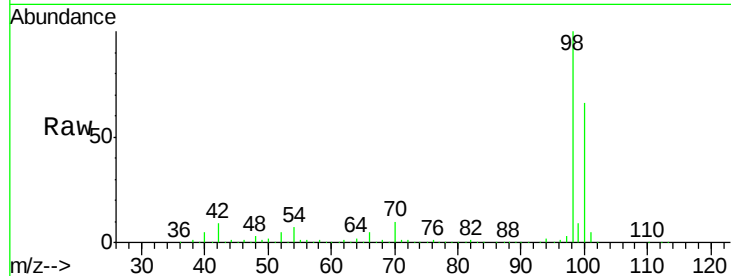




#50
Toluene-d8
Concen: 48.031 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

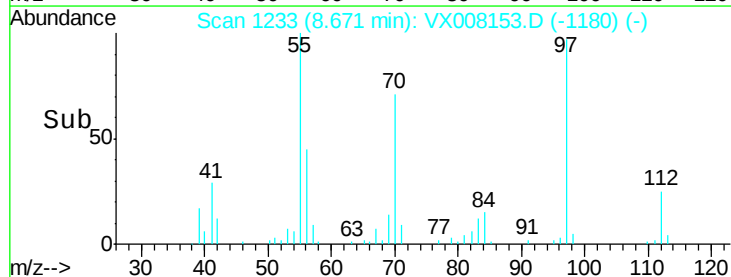
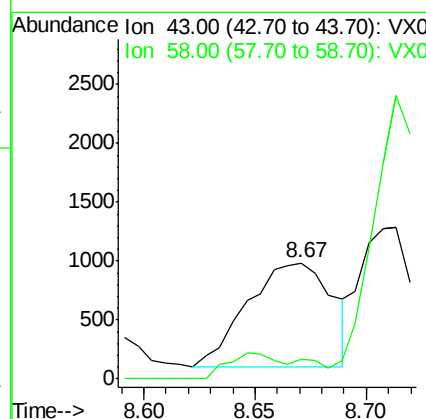
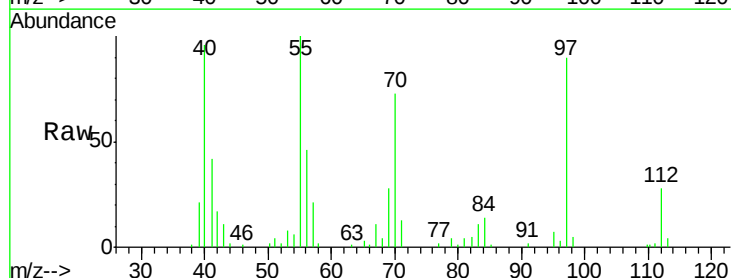
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-031419

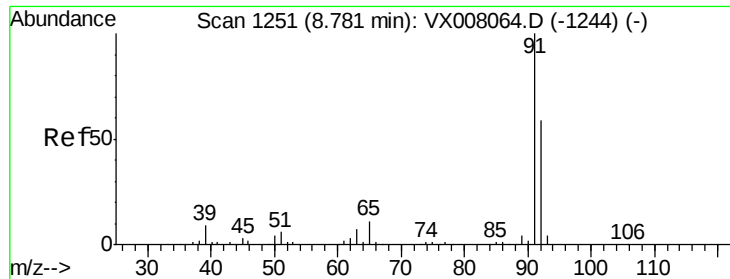
Tot Ion: 98 Resp: 514797
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 8.67 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
58 0.0 31.3 46.9#





#52

Toluene

Concen: 0.492 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

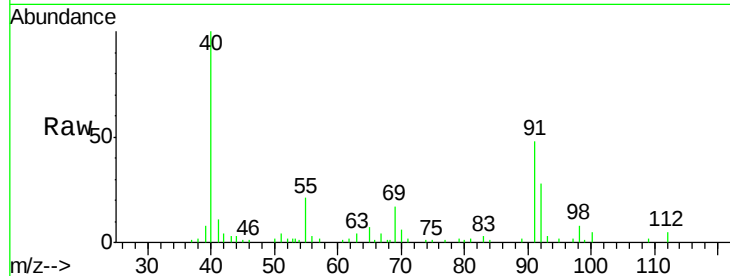
T3-MW-2-9.0-031419

Tot Ion: 92 Resp: 3506

Ion Ratio Lower Upper

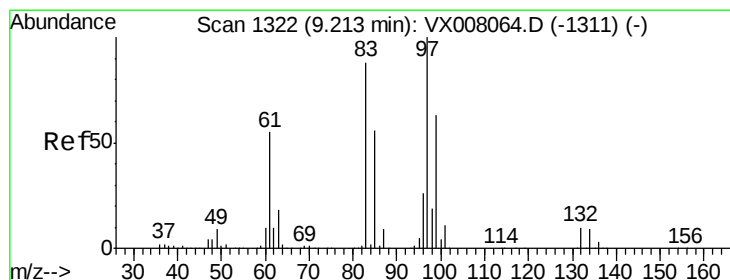
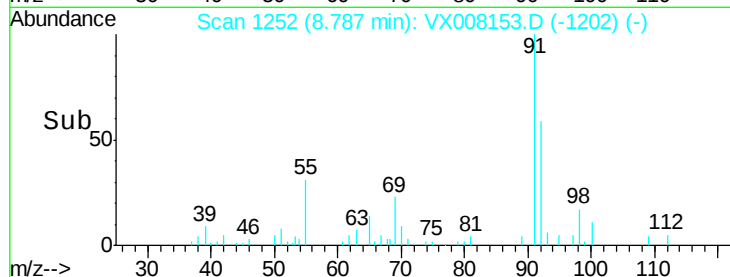
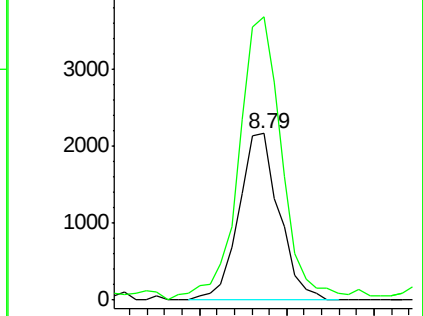
92 100

91 180.9 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 7.976 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Tgt Ion: 97 Resp: 23120

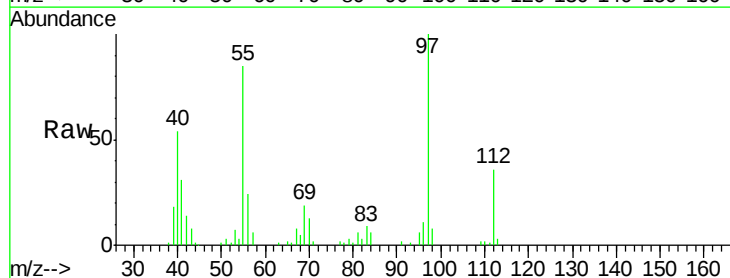
Ion Ratio Lower Upper

97 100

83 7.8 69.1 103.7#

85 0.0 44.3 66.5#

99 0.0 49.8 74.8#

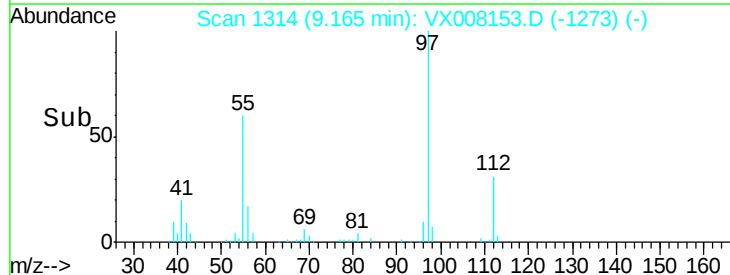
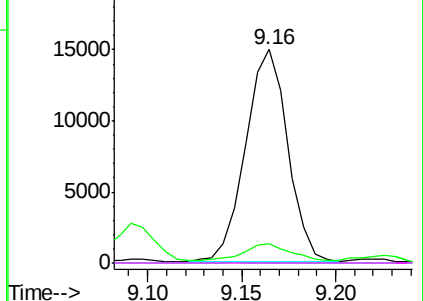


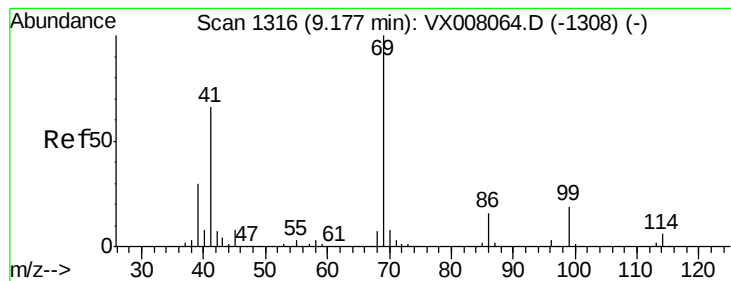
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 1.316 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-031419

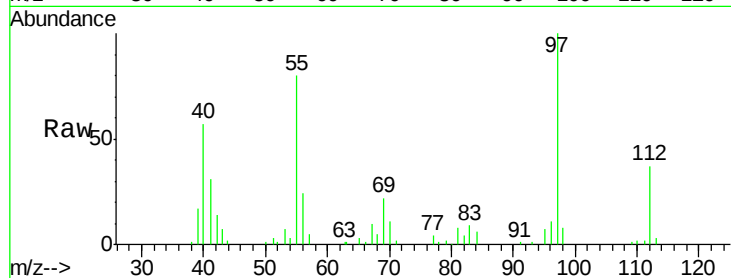
Tot Ion: 69 Resp: 5633

Ion Ratio Lower Upper

69 100

41 121.3 54.2 81.4#

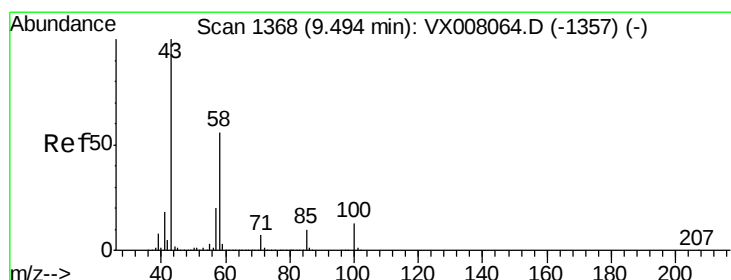
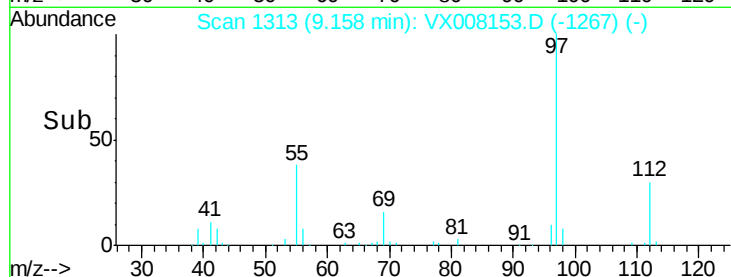
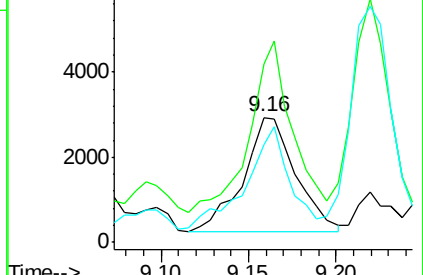
39 73.9 25.0 37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 0.336 ug/l

RT: 9.51 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VX008153.D

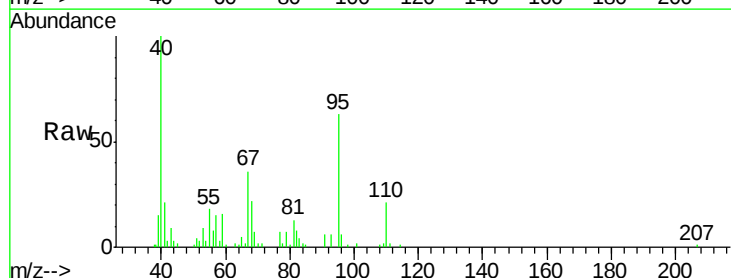
Acq: 16 Mar 2019 20:40

Tgt Ion: 43 Resp: 1095

Ion Ratio Lower Upper

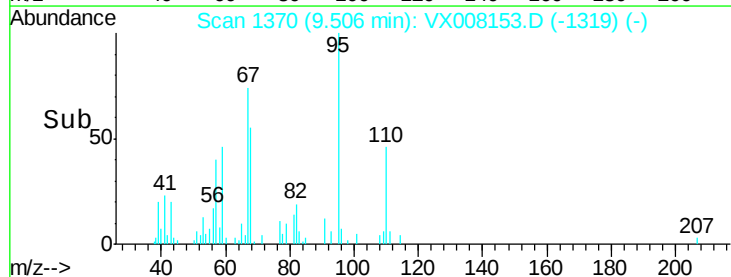
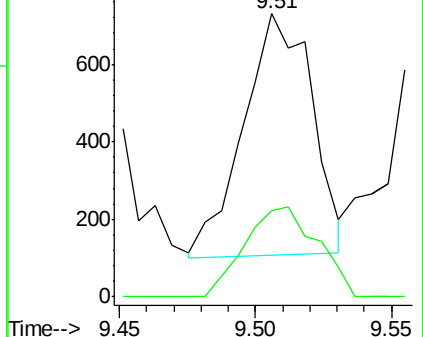
43 100

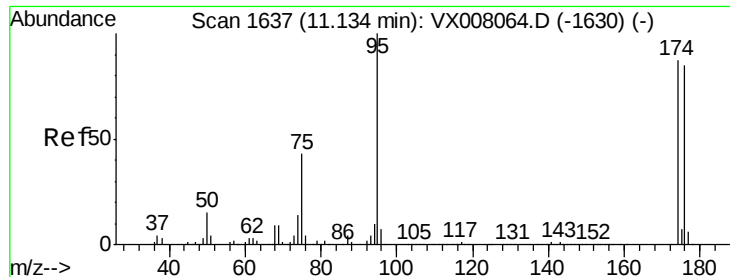
58 39.0 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

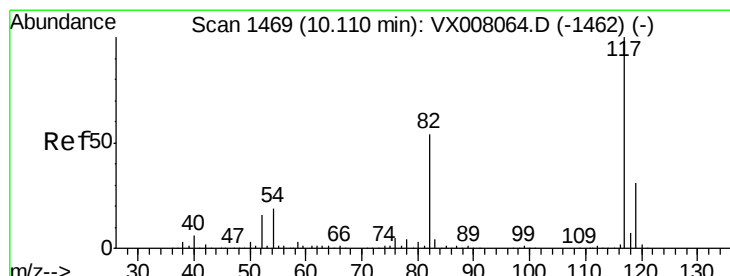
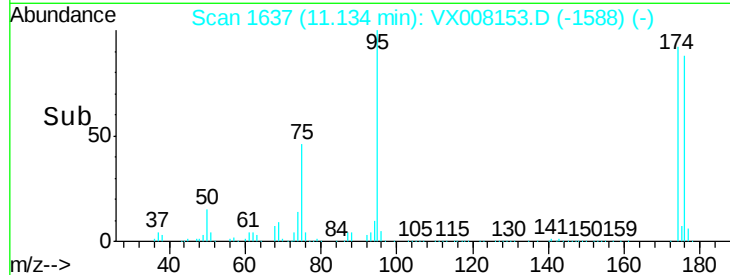
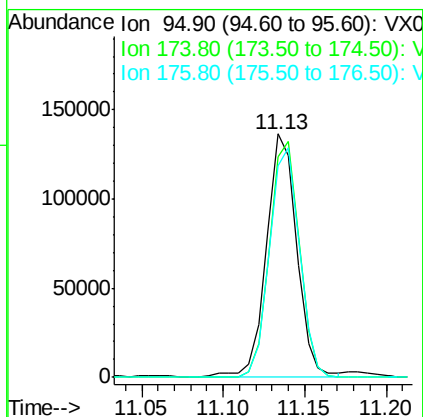
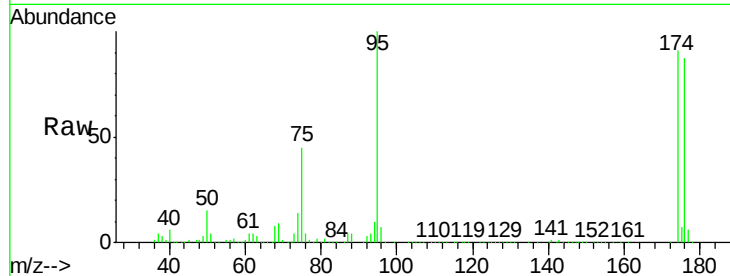




#62
4-Bromofluorobenzene
Concen: 45.273 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

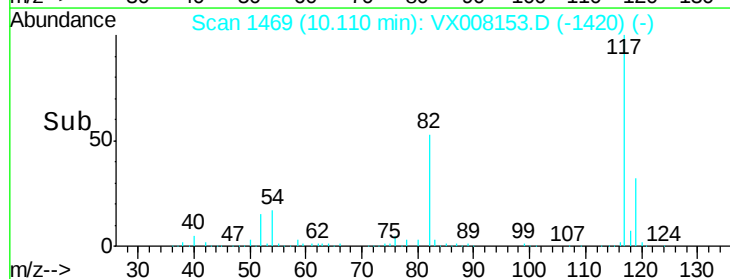
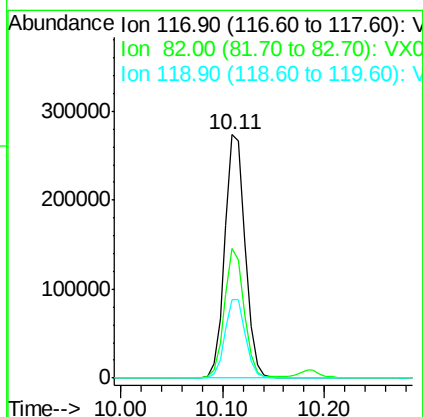
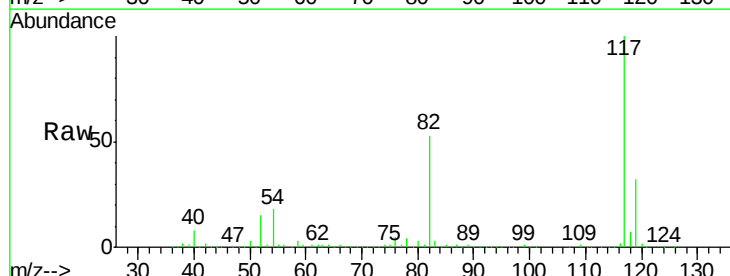
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-031419

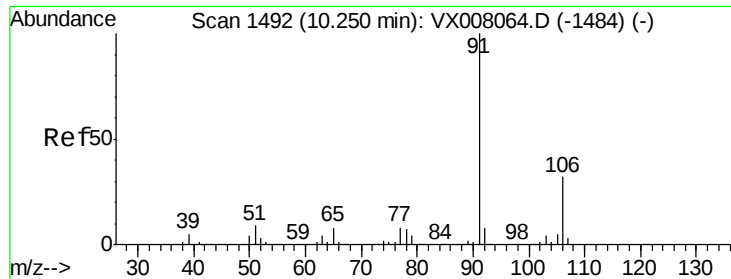
Tot Ion: 95 Resp: 173827
Ion Ratio Lower Upper
95 100
174 95.9 0.0 182.8
176 94.0 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

Tgt Ion: 117 Resp: 378346
Ion Ratio Lower Upper
117 100
82 53.4 44.3 66.5
119 32.3 25.3 37.9

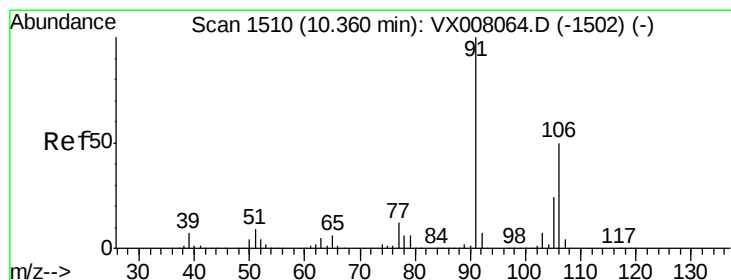
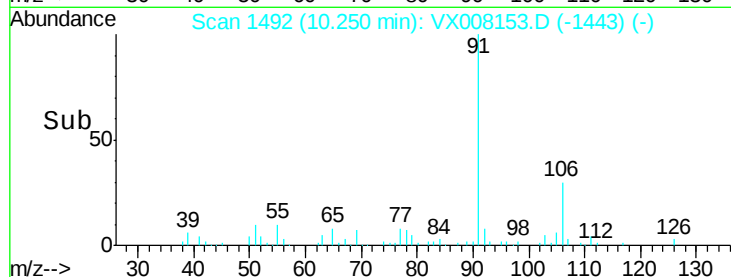
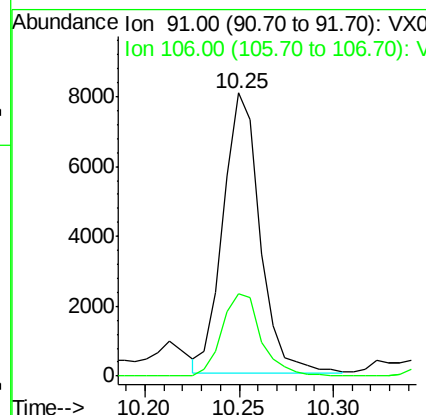
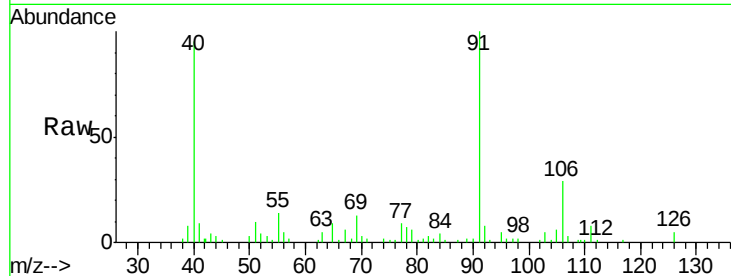




#67
Ethyl Benzene
Concen: 0.880 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

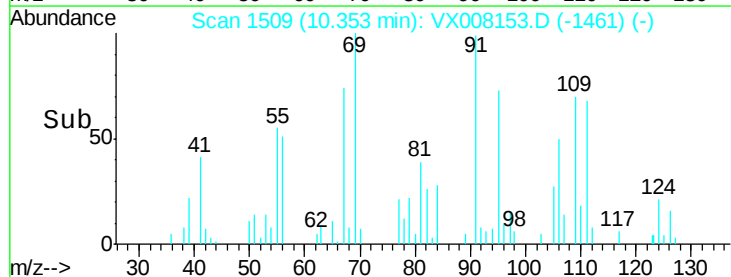
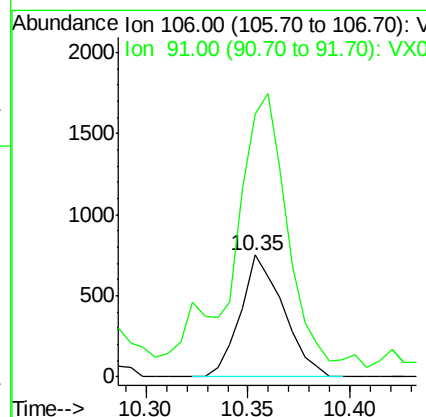
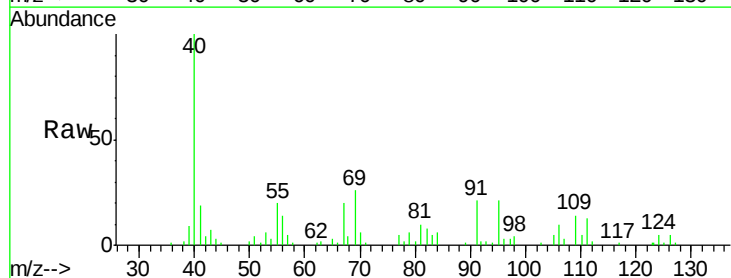
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-031419

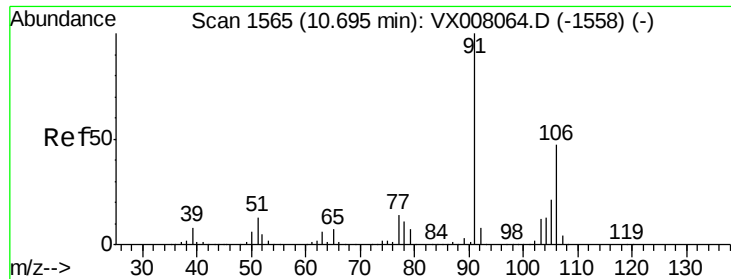
Tot Ion: 91 Resp: 10936
Ion Ratio Lower Upper
91 100
106 29.5 25.2 37.8



#68
m/p-Xylenes
Concen: 0.232 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

Tgt Ion: 106 Resp: 1104
Ion Ratio Lower Upper
106 100
91 280.3 159.8 239.6#

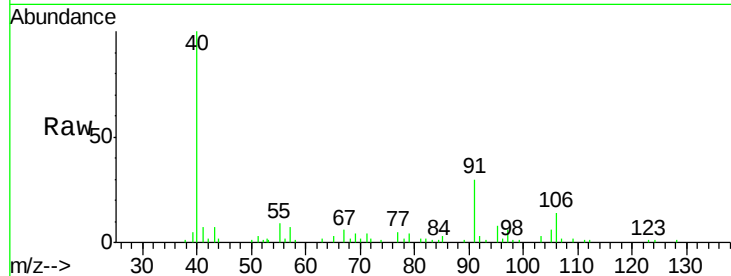




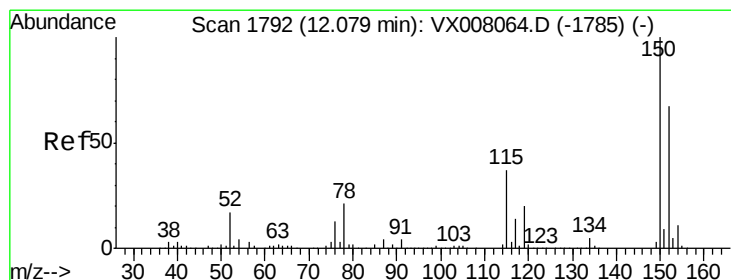
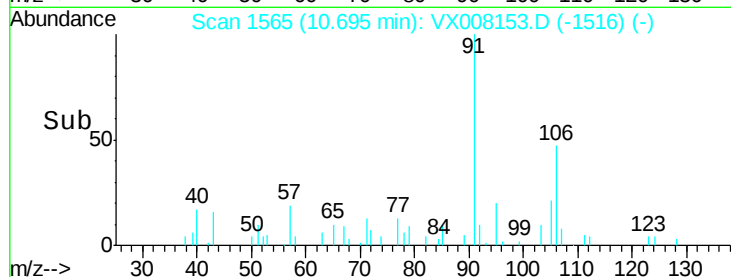
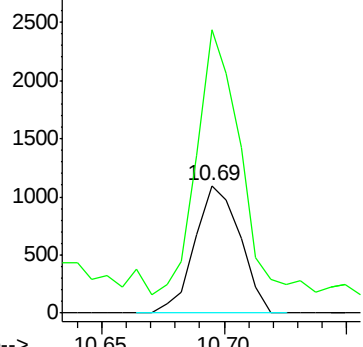
#69
o-Xylene
Concen: 0.305 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-031419

Tot Ion:106 Resp: 1414
Ion Ratio Lower Upper
106 100
91 215.6 106.3 318.9

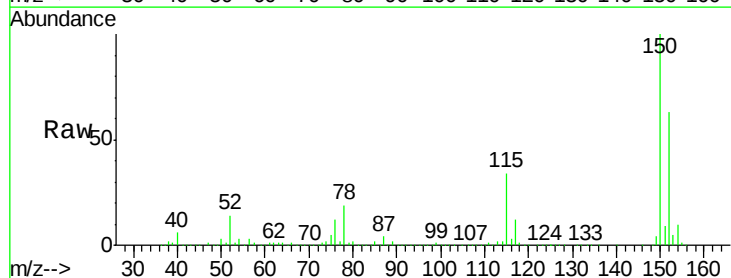


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

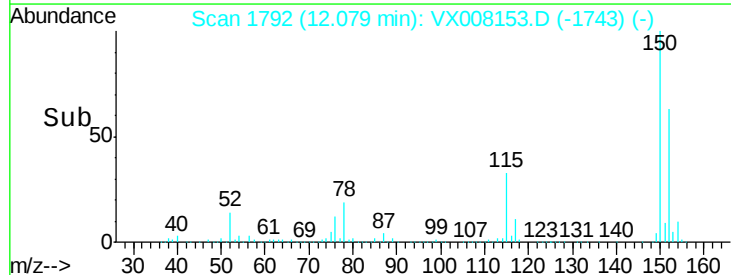
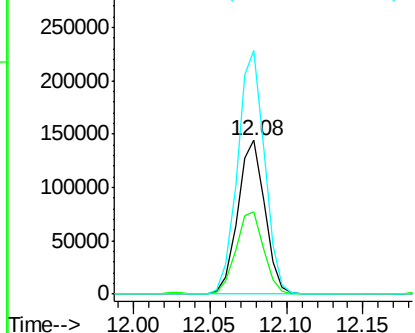


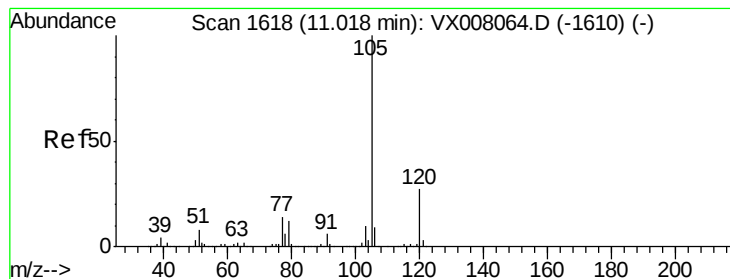
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

Tgt Ion:152 Resp: 175431
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 159.0 0.0 348.4



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: 38.614 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

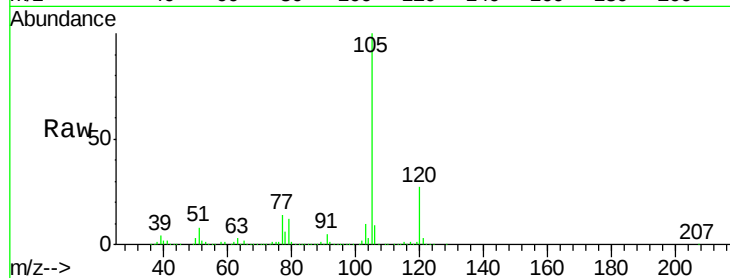
T3-MW-2-9.0-031419

Tot Ion:105 Resp: 433866

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

300000

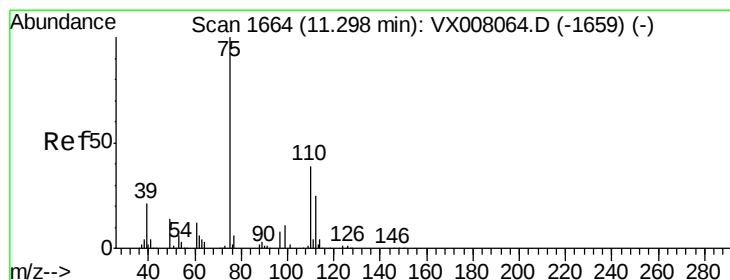
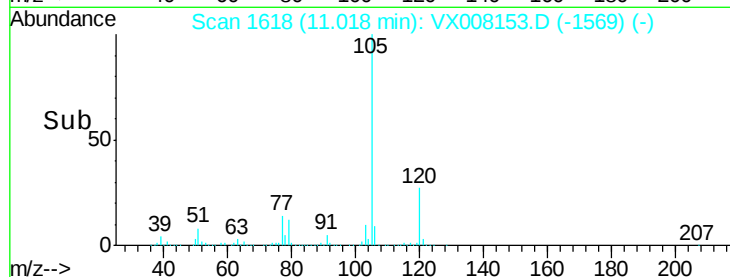
200000

100000

0

Time-->

11.00 11.10



#76

1,2,3-Trichloropropane

Concen: 3.293 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: VX008153.D

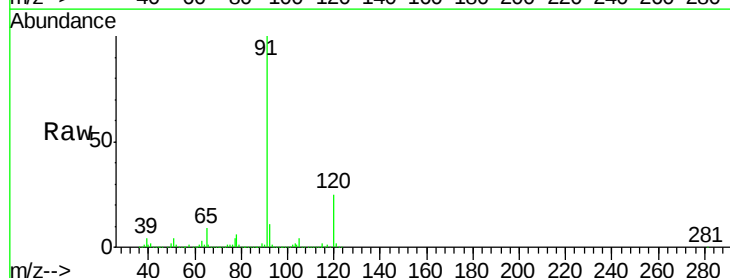
Acq: 16 Mar 2019 20:40

Tgt Ion: 75 Resp: 10032

Ion Ratio Lower Upper

75 100

77 660.3 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

60000

50000

40000

30000

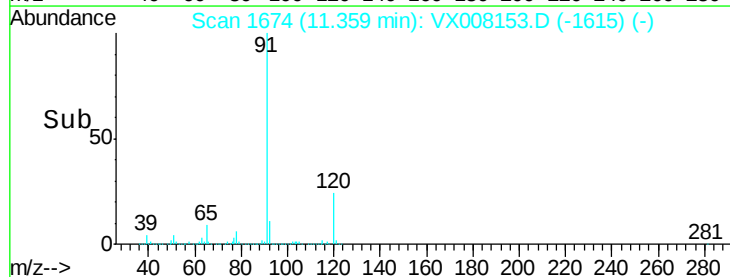
20000

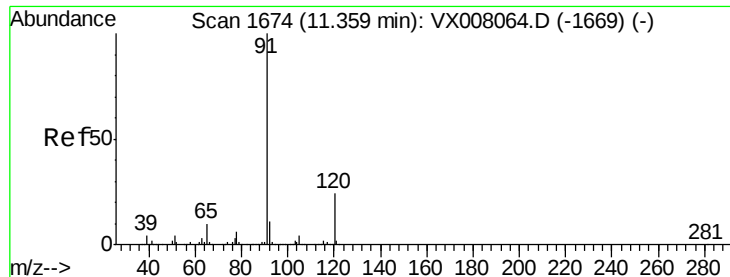
10000

0

Time-->

11.30 11.35 11.40





#78

n-propylbenzene

Concen: 149.691 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

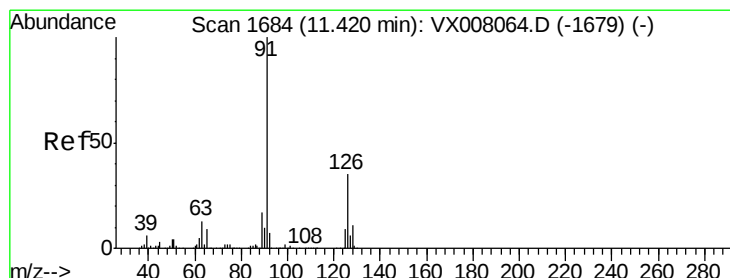
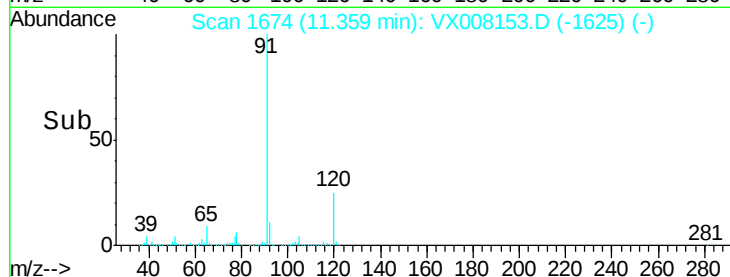
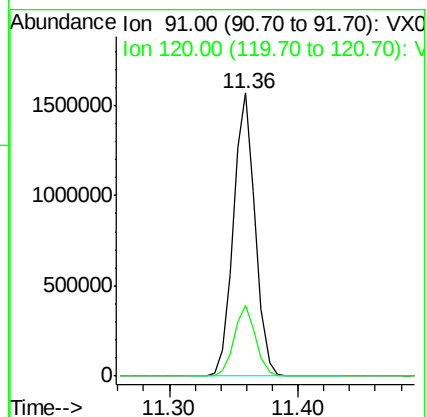
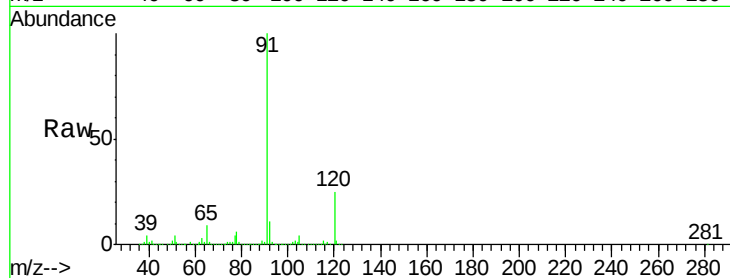
T3-MW-2-9.0-031419

Tot Ion: 91 Resp: 1845293

Ion Ratio Lower Upper

91 100

120 24.7 12.0 36.0



#79

2-Chlorotoluene

Concen: 245.110 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX008153.D

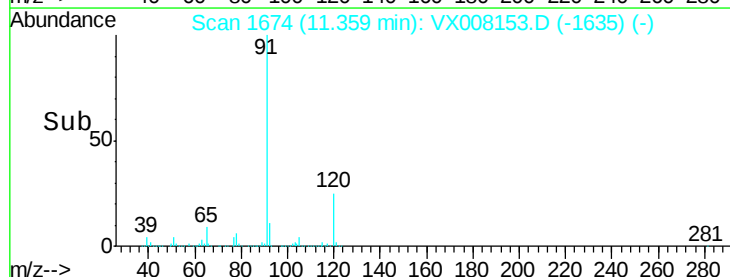
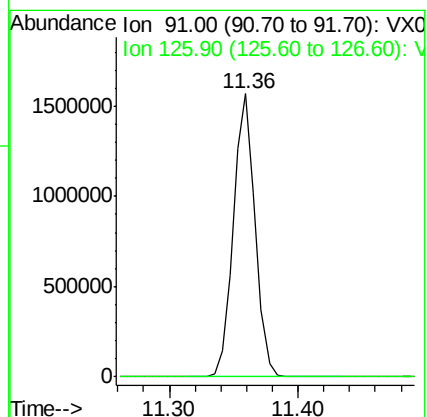
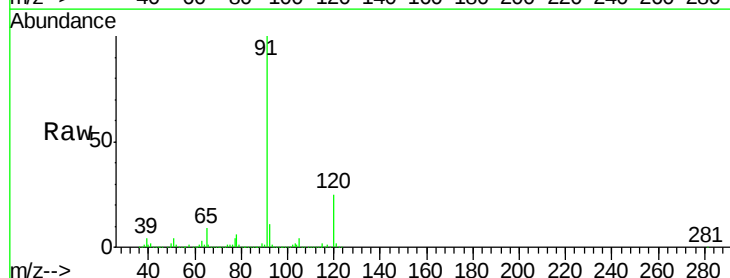
Acq: 16 Mar 2019 20:40

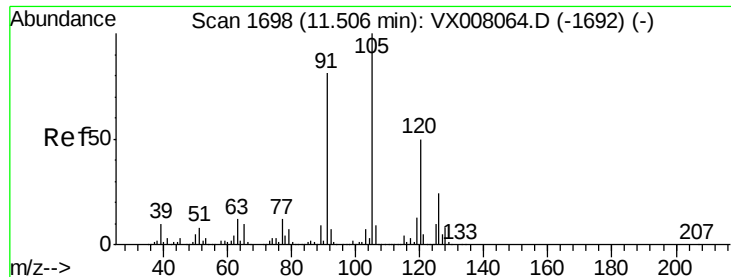
Tgt Ion: 91 Resp: 1845293

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#

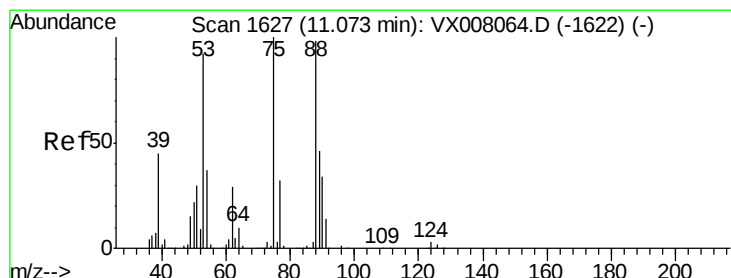
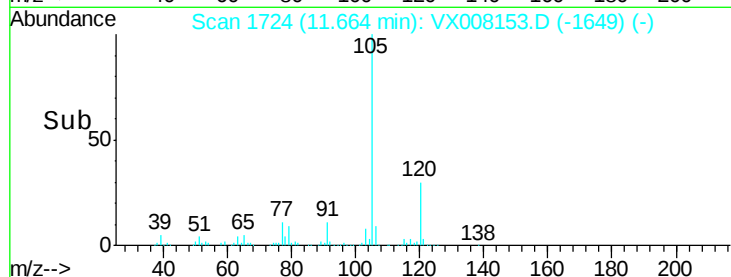
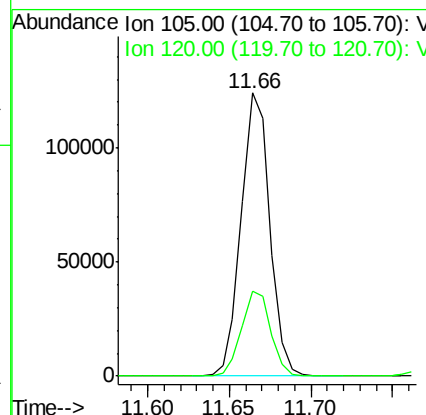
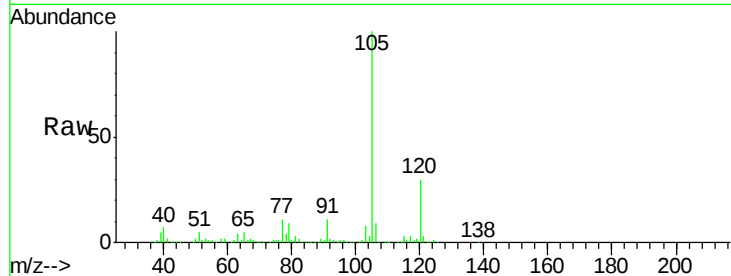




#80
 1,3,5-Trimethylbenzene
 Concen: 16.420 ug/l
 RT: 11.66 min Scan# 1724
 Delta R.T. 0.16 min
 Lab File: VX008153.D
 Acq: 16 Mar 2019 20:40

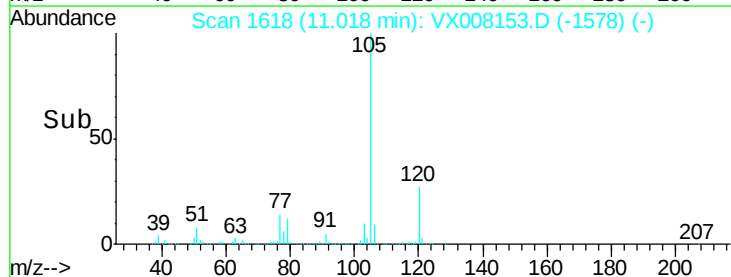
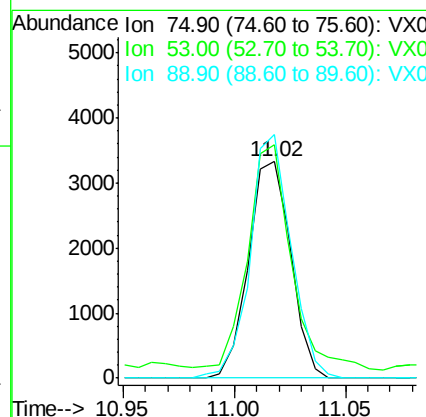
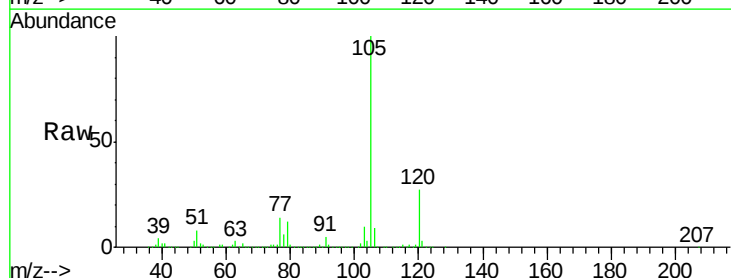
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-031419

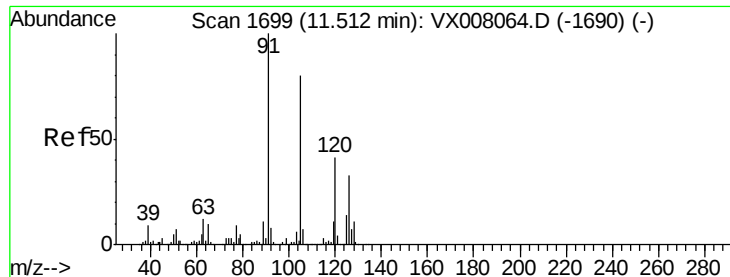
Tot Ion:105 Resp: 152025
 Ion Ratio Lower Upper
 105 100
 120 30.8 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.116 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX008153.D
 Acq: 16 Mar 2019 20:40

Tgt Ion: 75 Resp: 4407
 Ion Ratio Lower Upper
 75 100
 53 107.1 76.1 114.1
 89 108.8 36.3 54.5#

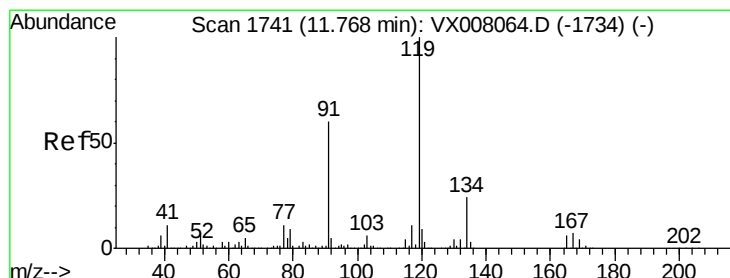
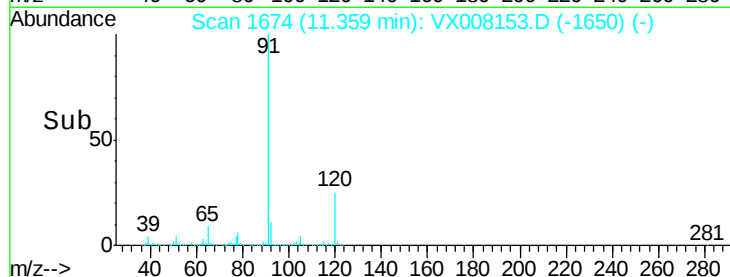
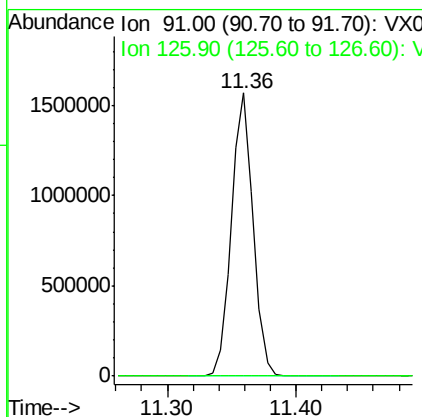
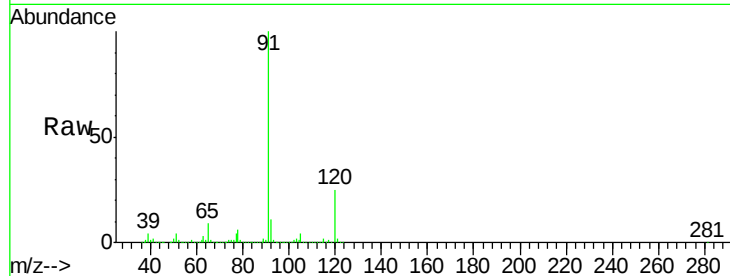




#82
4-Chlorotoluene
Concen: 214.013 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.15 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

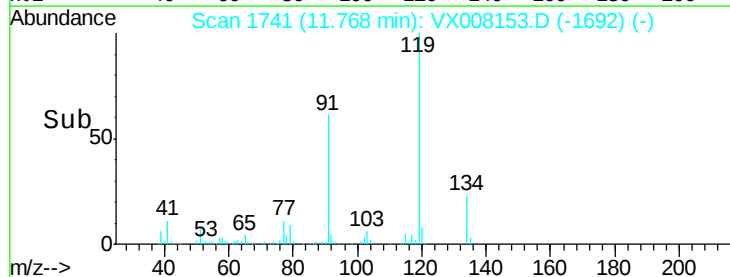
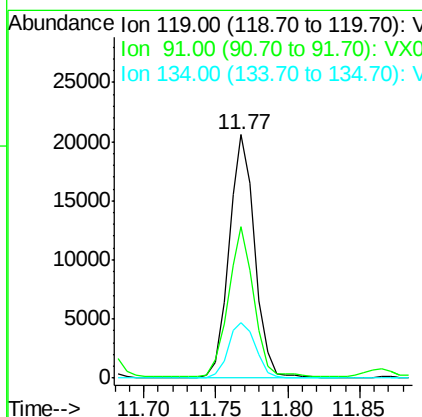
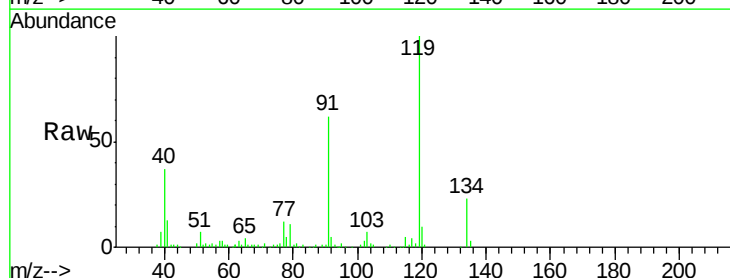
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-031419

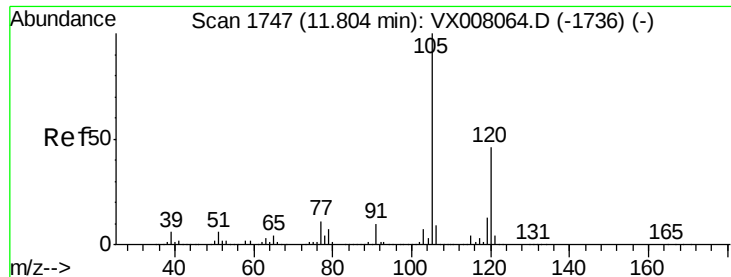
Tot Ion: 91 Resp: 1845293
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



#83
tert-Butylbenzene
Concen: 2.780 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008153.D
Acq: 16 Mar 2019 20:40

Tgt Ion: 119 Resp: 25794
Ion Ratio Lower Upper
119 100
91 61.1 27.1 81.3
134 24.3 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 15.918 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. -0.14 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

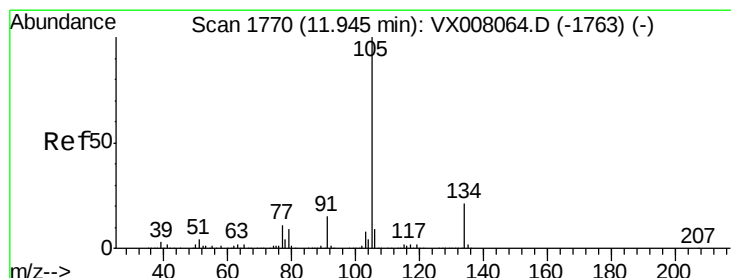
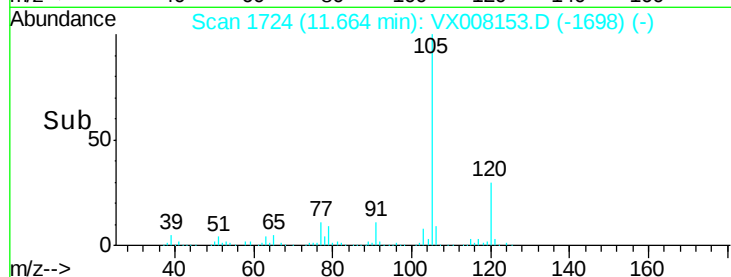
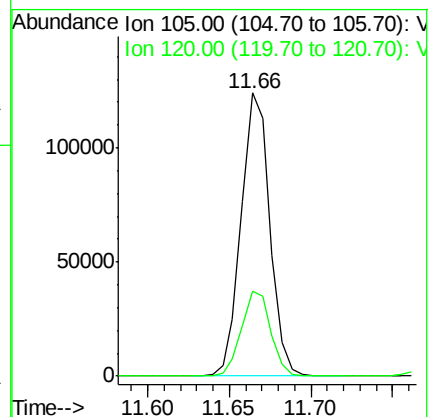
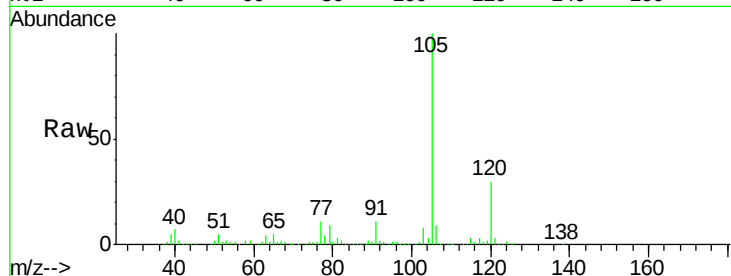
T3-MW-2-9.0-031419

Tot Ion:105 Resp: 152025

Ion Ratio Lower Upper

105 100

120 30.8 22.6 67.7



#85

sec-Butylbenzene

Concen: 15.319 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008153.D

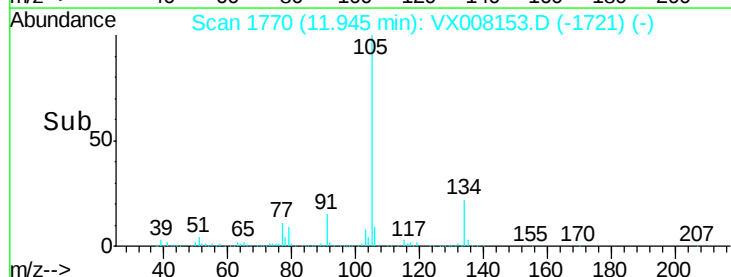
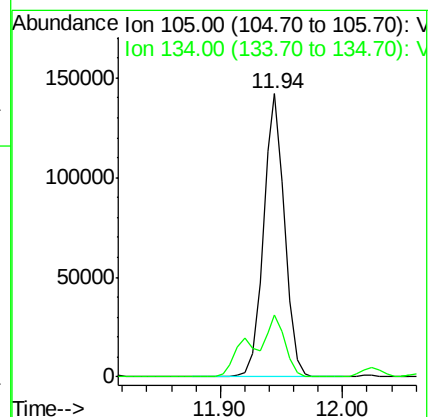
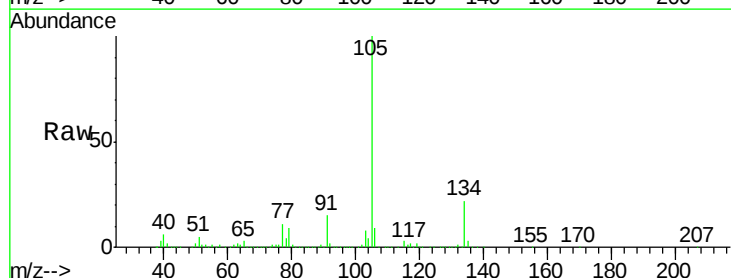
Acq: 16 Mar 2019 20:40

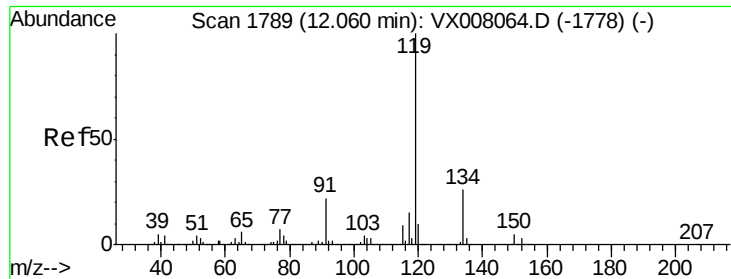
Tgt Ion:105 Resp: 169345

Ion Ratio Lower Upper

105 100

134 18.9 10.4 31.2

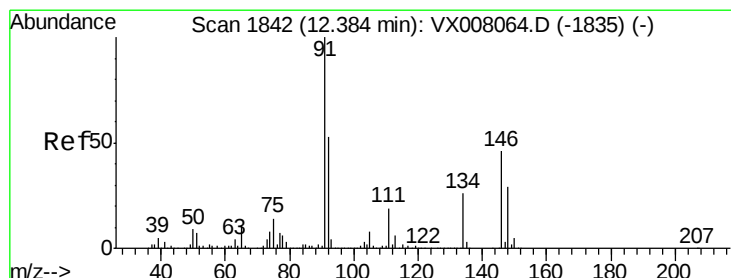
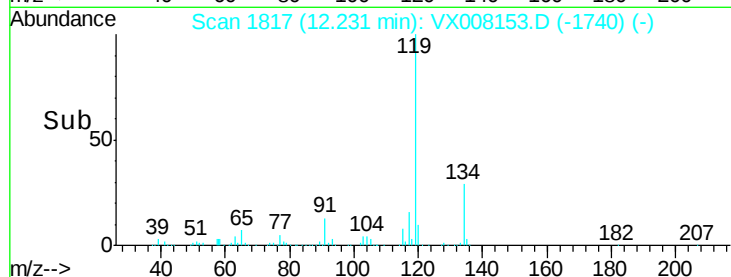
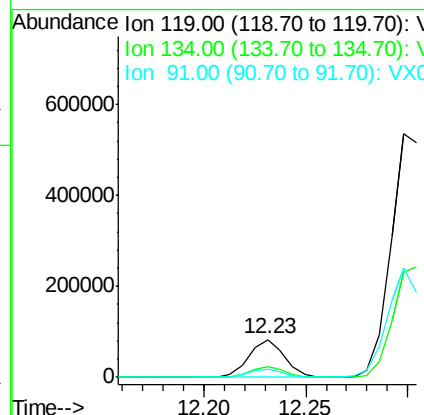
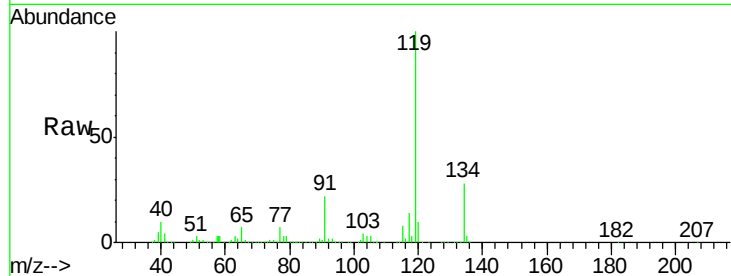




#86
 p-Isopropyltoluene
 Concen: 10.067 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX008153.D
 Acq: 16 Mar 2019 20:40

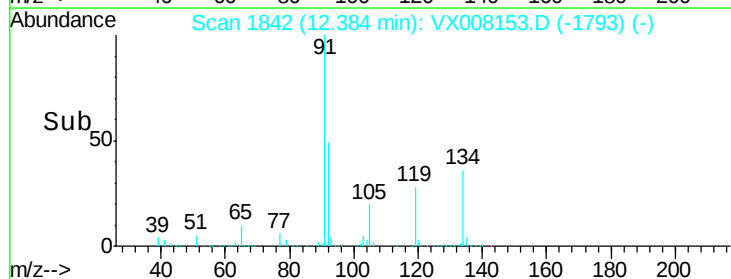
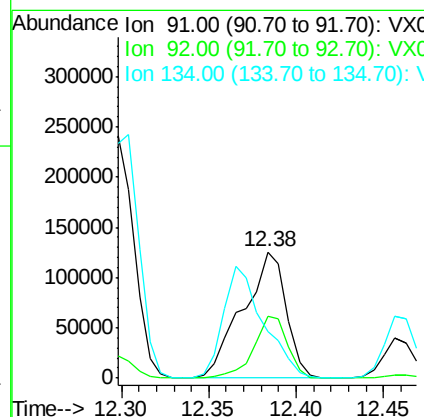
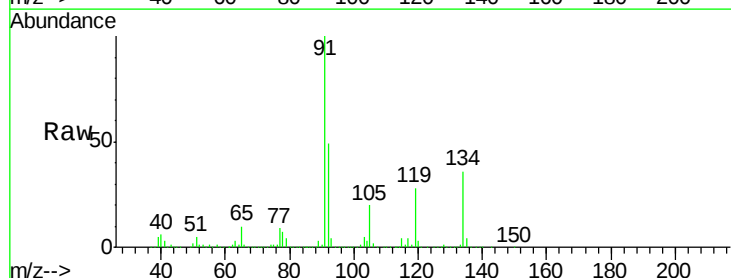
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-031419

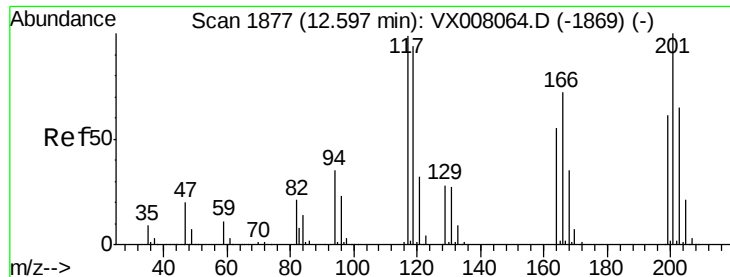
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.3	39.9
91	21.9	10.9	32.7



#89
 n-Butylbenzene
 Concen: 25.767 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX008153.D
 Acq: 16 Mar 2019 20:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	38.6	27.0	80.8
134	81.7	13.7	41.0





#90

Hexachloroethane

Concen: 147.759 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

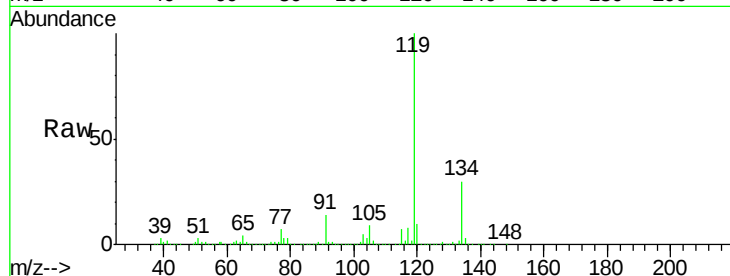
T3-MW-2-9.0-031419

Tot Ion:117 Resp: 236427

Ion Ratio Lower Upper

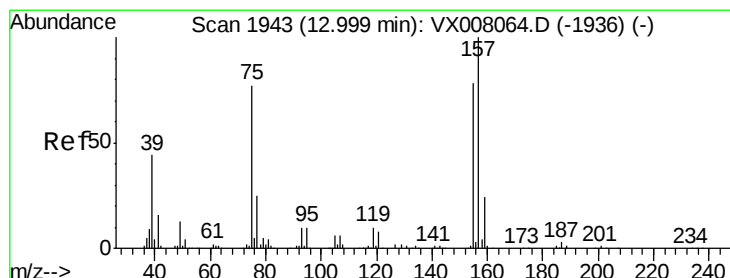
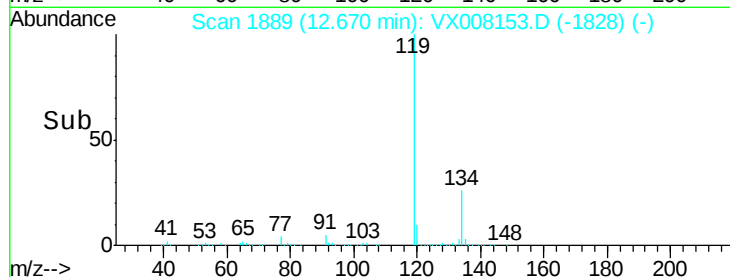
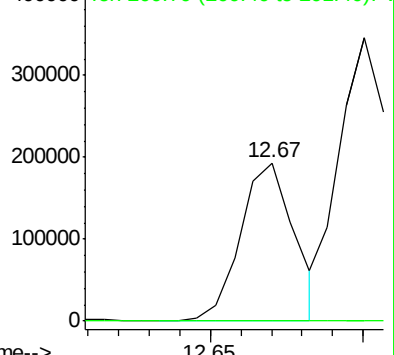
117 100

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: 5.691 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

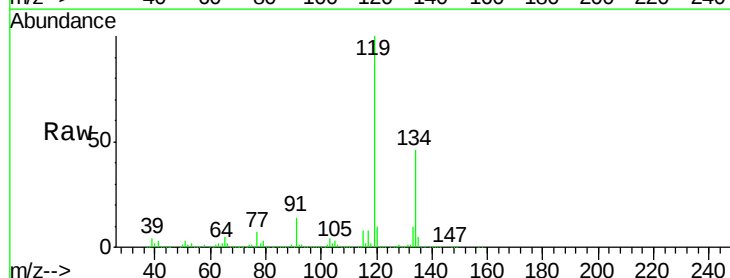
Tgt Ion: 75 Resp: 4236

Ion Ratio Lower Upper

75 100

155 0.0 49.7 149.1#

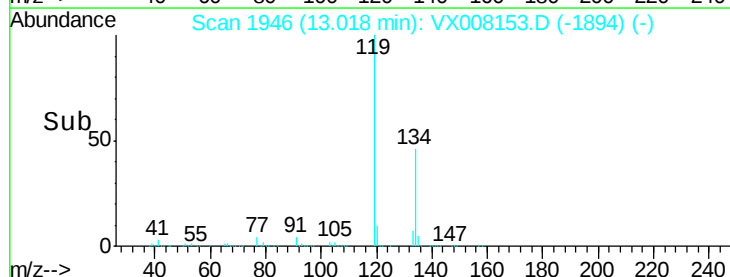
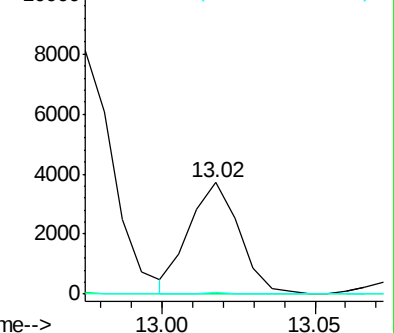
157 0.4 63.8 191.4#

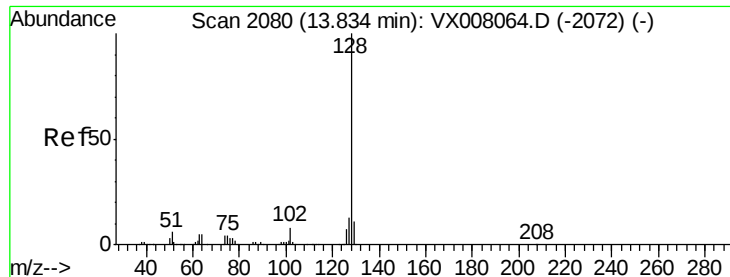


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 2.399 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008153.D

Acq: 16 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-031419

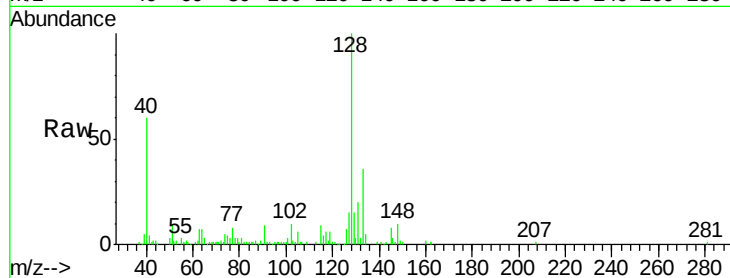
Tot Ion:128 Resp: 25879

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 0.0 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

