

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008393.D
 Acq On : 24 Mar 2019 15:42
 Operator : JC/SP
 Sample : K2059-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Mar 25 05:46:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	162836	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	5.50	113	119467	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	8.71	98	479166	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	163223	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	3.03	59	3406	4.541	ug/l #	73
13) Acrolein	2.26	56	5770	9.003	ug/l #	1
14) Allyl chloride	2.84	41	17277	3.106	ug/l #	30
15) Acrylonitrile	3.17	53	1736	0.904	ug/l #	41
16) Acetone	2.44	43	5406	3.212	ug/l	97
18) Methyl Acetate	2.84	43	33505	7.953	ug/l #	54
19) Methyl tert-butyl Ether	3.19	73	7034	0.777	ug/l #	1
20) Methylene Chloride	2.85	84	729	0.241	ug/l #	27
23) Vinyl Acetate	3.81	43	2145	0.224	ug/l #	73
25) 2-Butanone	4.69	43	669	0.241	ug/l #	56
30) Chloroform	5.27	83	4182	0.840	ug/l #	32
31) Cyclohexane	5.59	56	25506	4.817	ug/l #	89
36) 1,1-Dichloropropene	5.67	75	18948	4.890	ug/l #	50
38) Carbon Tetrachloride	5.67	117	22269	6.705	ug/l #	16
39) Methylcyclohexane	7.46	83	13719	2.889	ug/l #	85
40) Benzene	6.14	78	835969	70.845	ug/l	99
41) Methacrylonitrile	5.06	41	694	0.243	ug/l #	30
42) 1,2-Dichloroethane	6.14	62	7559	1.765	ug/l #	73
43) Isopropyl Acetate	6.46	43	2131	0.261	ug/l #	67
48) Methyl methacrylate	7.74	41	1596	0.387	ug/l #	36
49) 1,4-Dioxane	7.87	88	19	0.229	ug/l #	60
51) 4-Methyl-2-Pentanone	8.64	43	3899	0.728	ug/l	95
52) Toluene	8.78	92	24532	3.546	ug/l	99
59) 2-Hexanone	9.51	43	955	0.232	ug/l	91
67) Ethyl Benzene	10.25	91	66388	5.211	ug/l	100
68) m/p-Xylenes	10.35	106	30345	6.629	ug/l	94
69) o-Xylene	10.70	106	1729	0.386	ug/l	88
73) Isopropylbenzene	11.02	105	60387	5.592	ug/l	98
74) N-amyl acetate	10.94	43	1883	0.298	ug/l #	53
76) 1,2,3-Trichloropropane	11.13	75	84572	23.611	ug/l #	39
78) n-propylbenzene	11.36	91	45269	3.577	ug/l	97
79) 2-Chlorotoluene	11.36	91	45269	5.871	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	84572	67.286	ug/l #	12
82) 4-Chlorotoluene	11.66	91	3678	0.414	ug/l #	43

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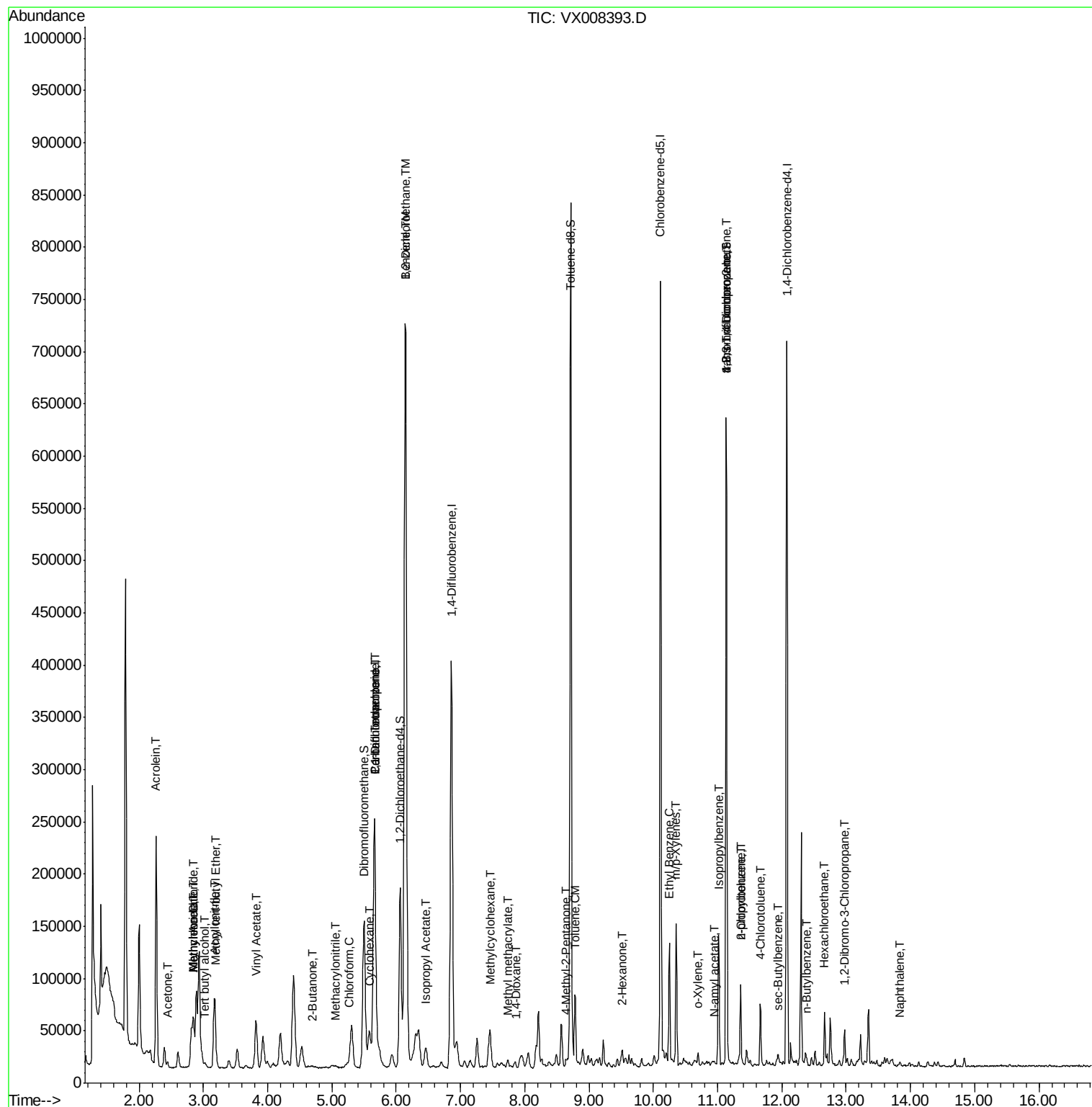
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	2586	0.247	ug/l	99
89) n-Butylbenzene	12.38	91	3225	0.366	ug/l #	73
90) Hexachloroethane	12.66	117	2368	1.551	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.97	75	254	0.277	ug/l #	1
95) Naphthalene	13.83	128	2263	0.206	ug/l #	79

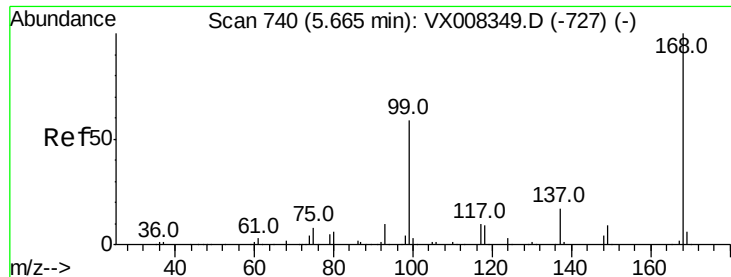
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

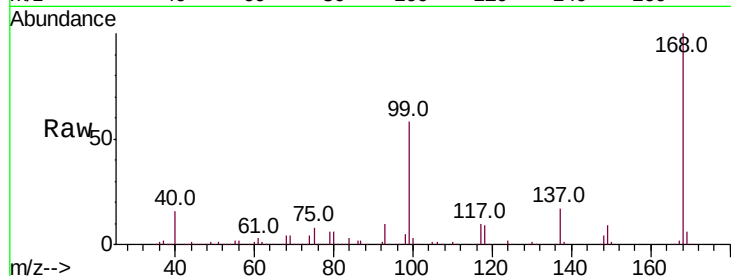
MW-7

Tot Ion:168 Resp: 220772

Ion Ratio Lower Upper

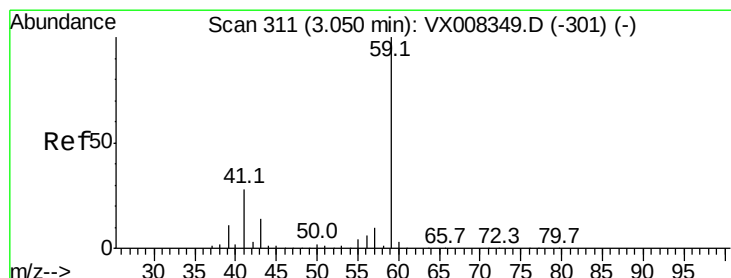
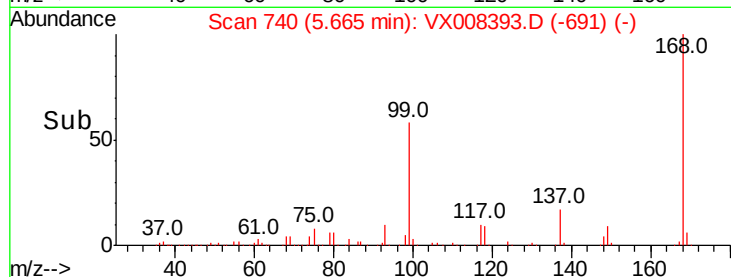
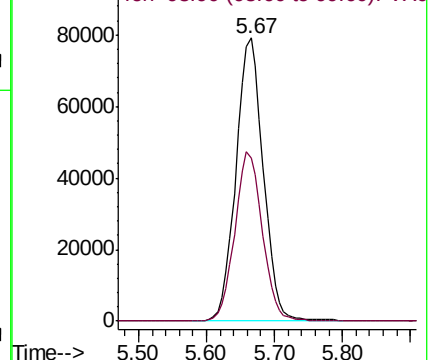
168 100

99 57.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 4.541 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX008393.D

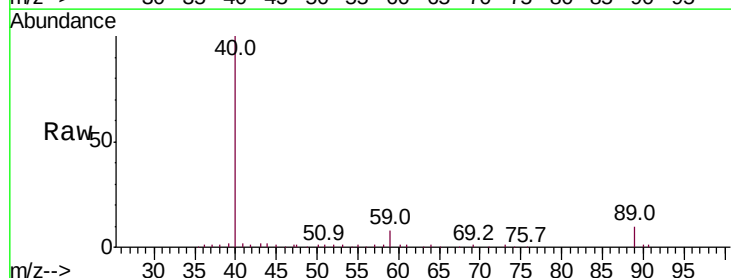
Acq: 24 Mar 2019 15:42

Tgt Ion: 59 Resp: 3406

Ion Ratio Lower Upper

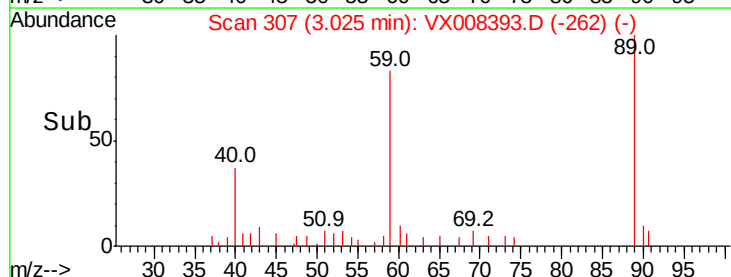
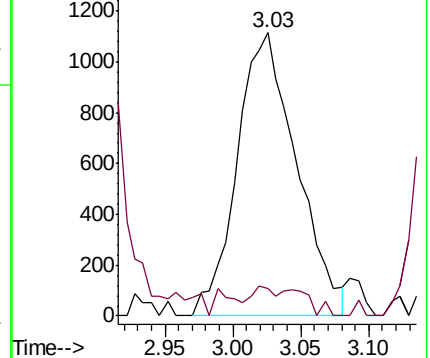
59 100

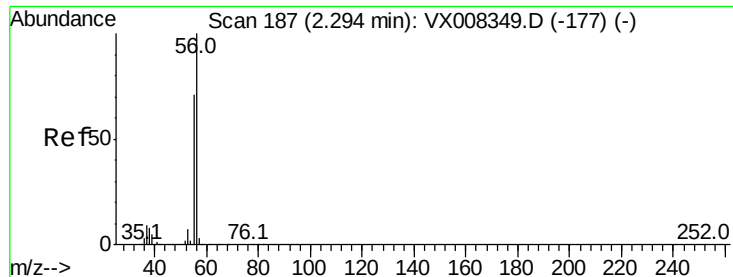
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 9.003 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

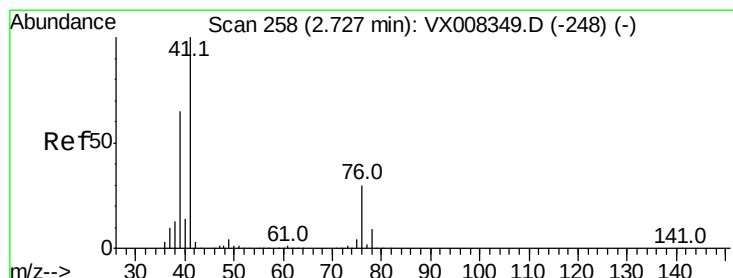
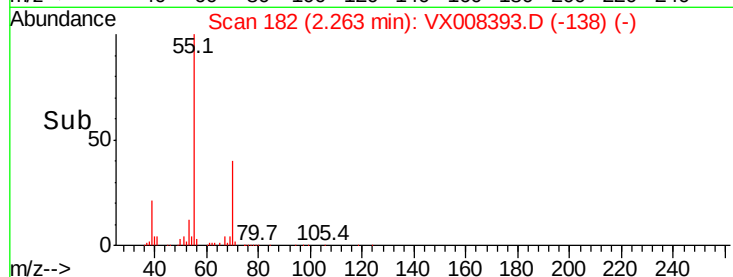
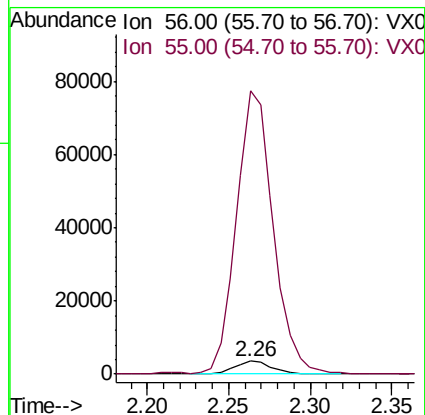
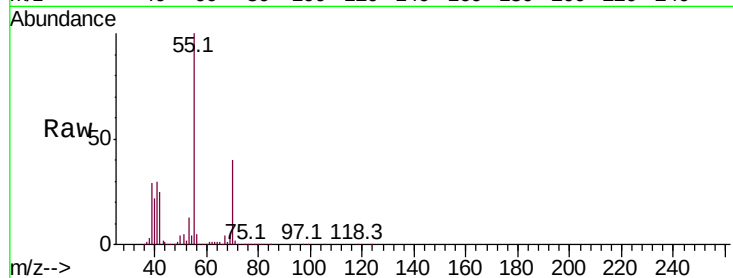
MW-7

Tot Ion: 56 Resp: 5770

Ion Ratio Lower Upper

56 100

55 2104.4 57.8 86.6#



#14

Allyl chloride

Concen: 3.106 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

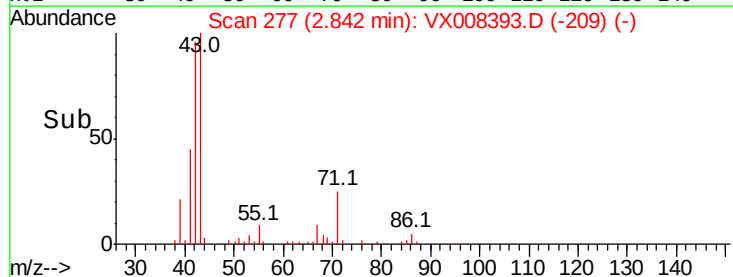
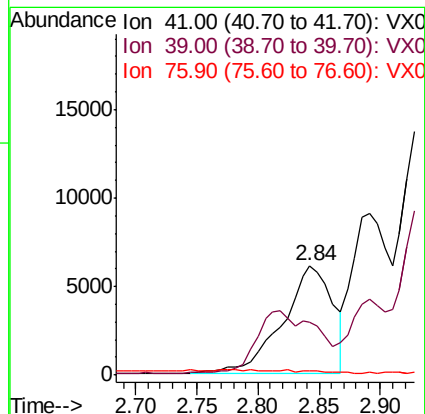
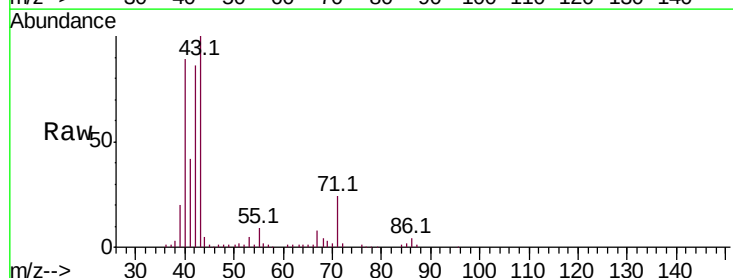
Tgt Ion: 41 Resp: 17277

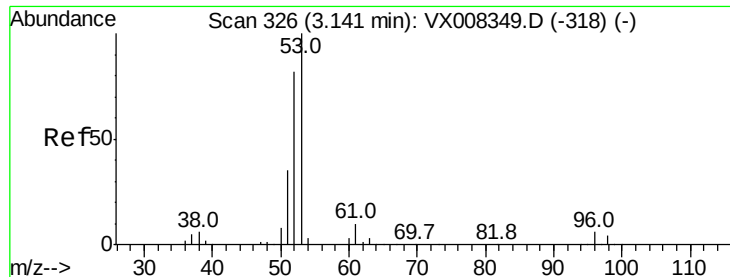
Ion Ratio Lower Upper

41 100

39 0.0 46.1 69.1#

76 0.0 24.0 36.0#





#15

Acrylonitrile

Concen: 0.904 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

MW-7

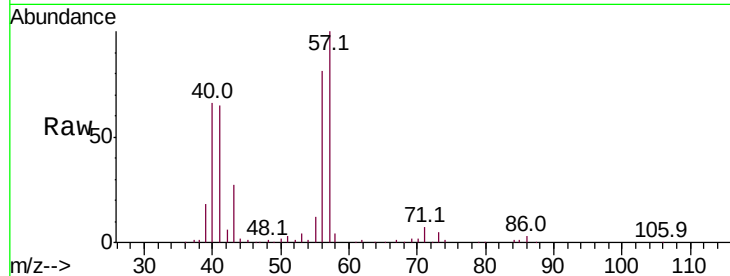
Tot Ion: 53 Resp: 1736

Ion Ratio Lower Upper

53 100

52 34.0 66.0 99.0#

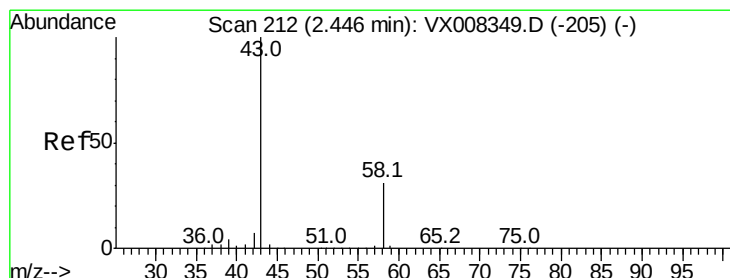
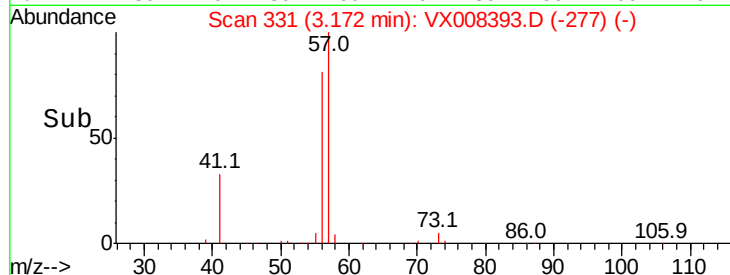
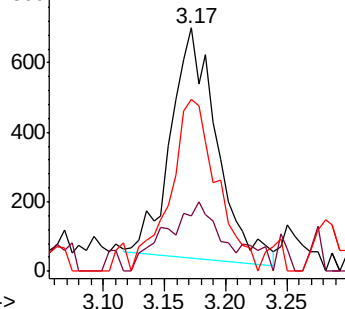
51 75.4 28.0 42.0#



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: 3.212 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008393.D

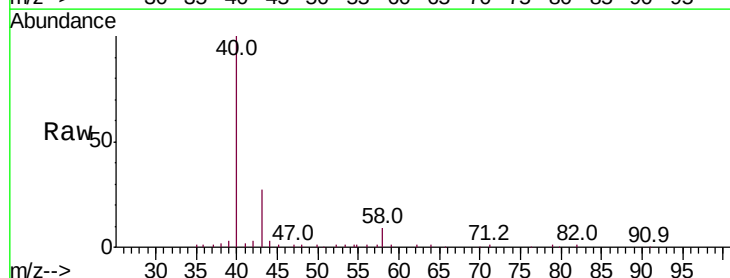
Acq: 24 Mar 2019 15:42

Tgt Ion: 43 Resp: 5406

Ion Ratio Lower Upper

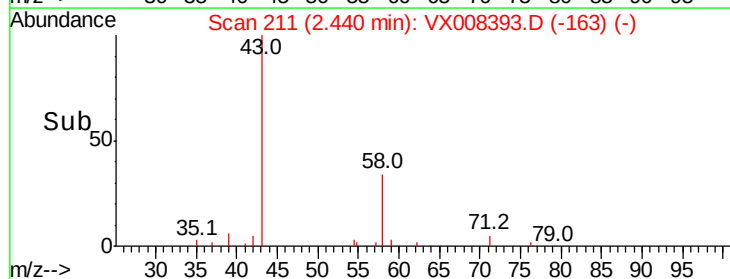
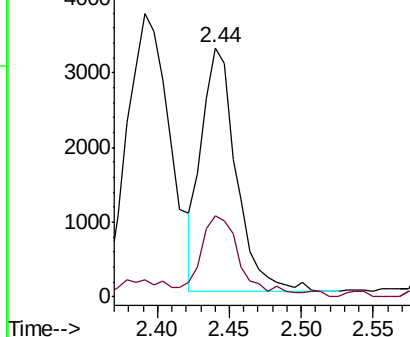
43 100

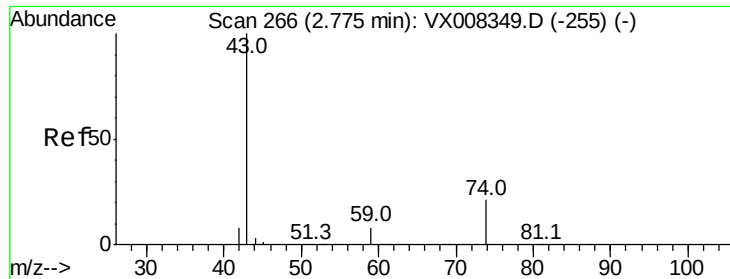
58 33.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

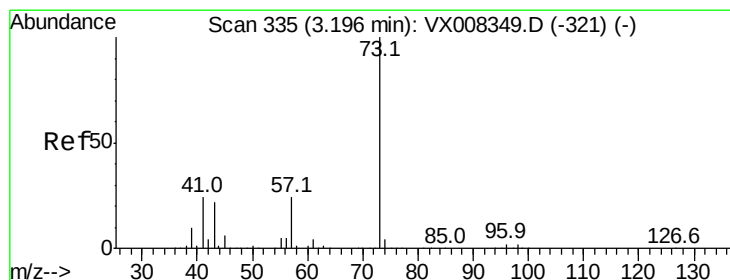
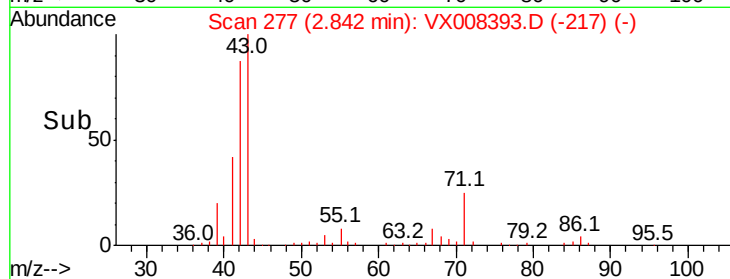
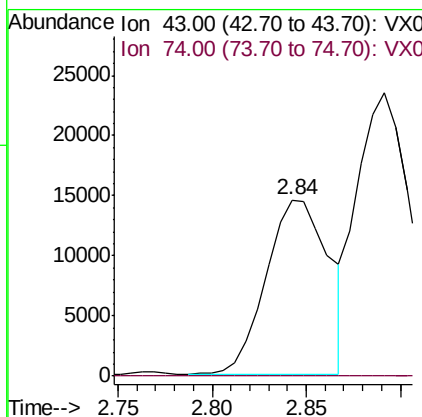
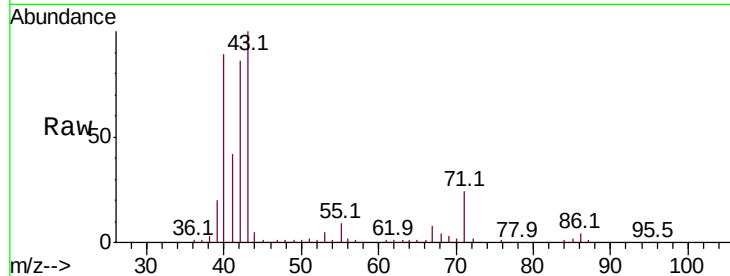




#18
Methyl Acetate
Concen: 7.953 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

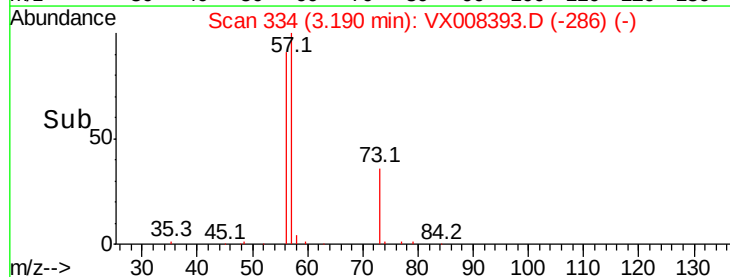
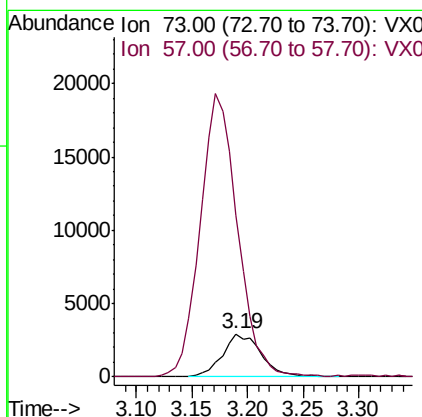
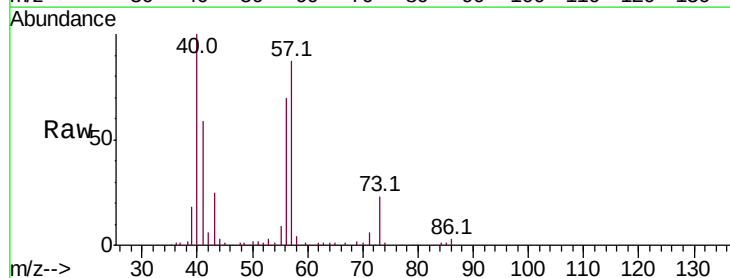
Instrument :
MSVOA_X
ClientSampled :
MW-7

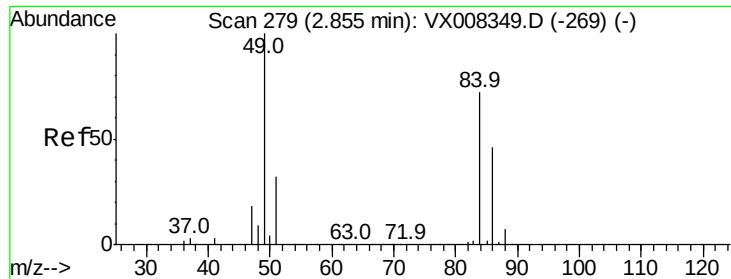
Tot Ion: 43 Resp: 33505
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.6#



#19
Methyl tert-butyl Ether
Concen: 0.777 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

Tgt Ion: 73 Resp: 7034
Ion Ratio Lower Upper
73 100
57 370.1 18.2 27.4#





#20

Methylene Chloride

Concen: 0.241 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

MW-7

Tot Ion: 84 Resp: 729

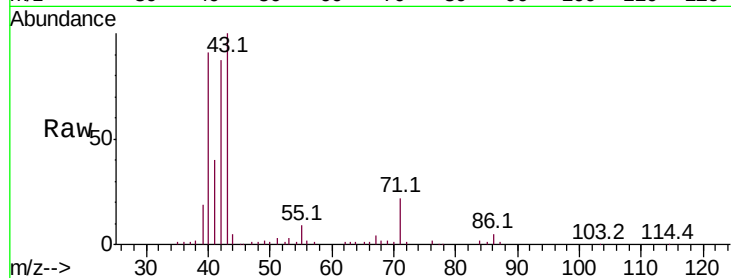
Ion Ratio Lower Upper

84 100

49 42.5 99.3 148.9#

51 47.0 31.3 46.9#

86 154.9 52.6 79.0#

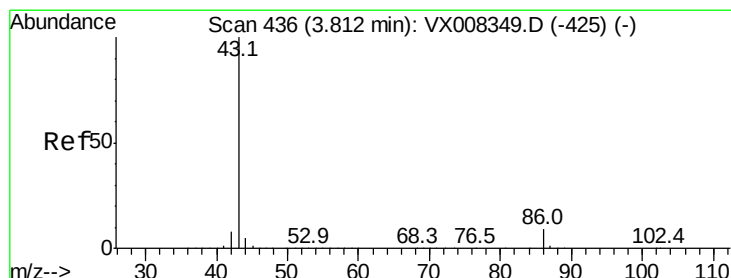
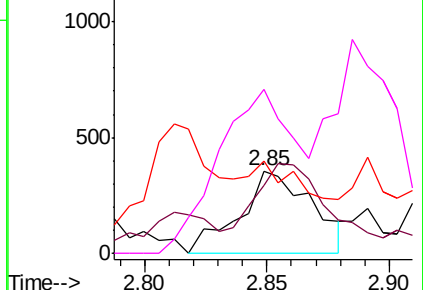
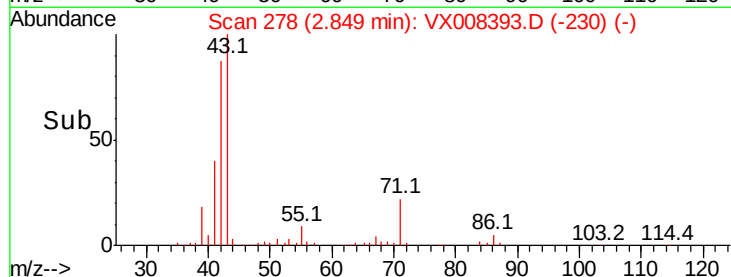


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#23

Vinyl Acetate

Concen: 0.224 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008393.D

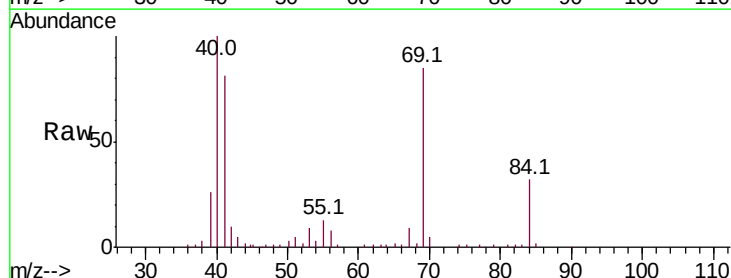
Acq: 24 Mar 2019 15:42

Tgt Ion: 43 Resp: 2145

Ion Ratio Lower Upper

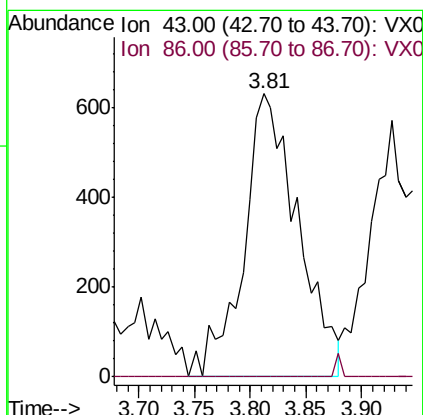
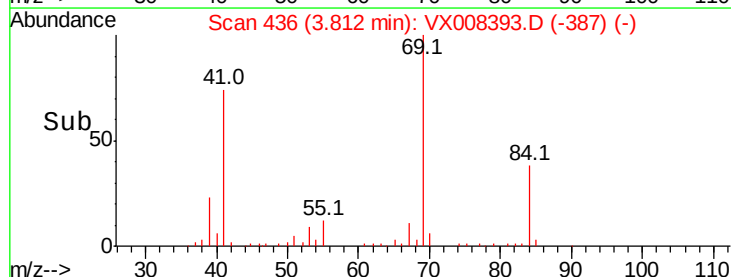
43 100

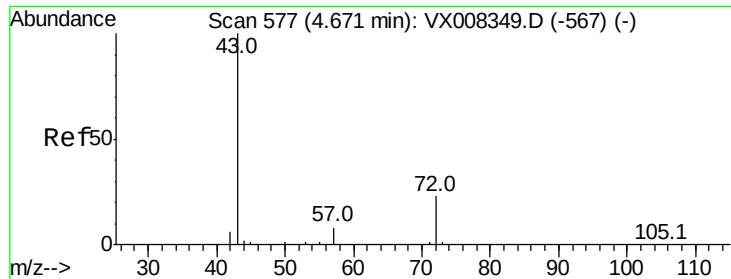
86 0.0 7.9 11.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 0.241 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

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ClientSampled :

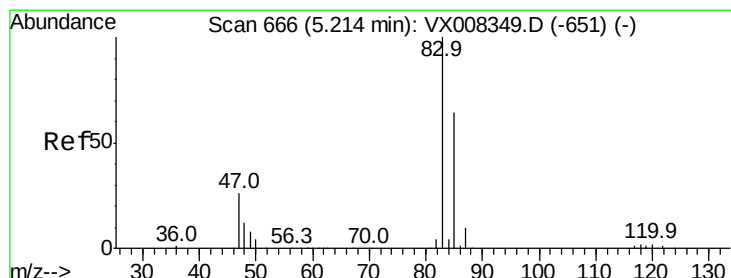
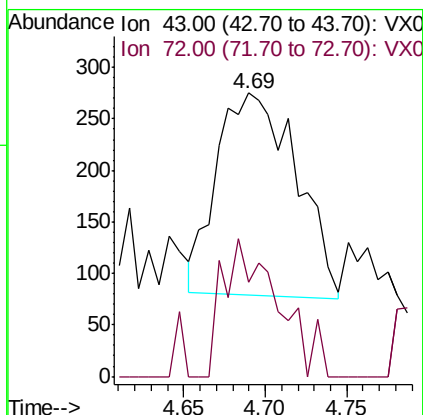
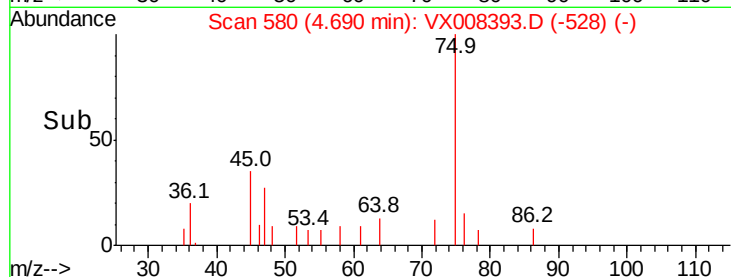
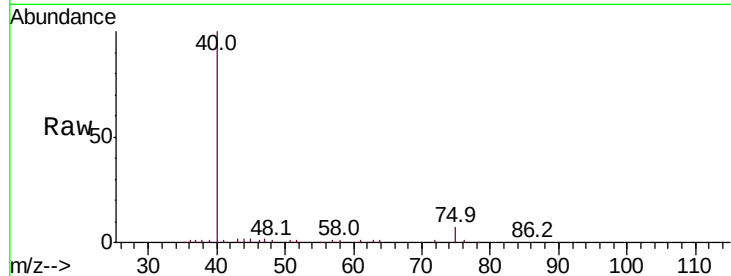
MW-7

Tot Ion: 43 Resp: 669

Ion Ratio Lower Upper

43 100

72 46.9 19.9 29.9#



#30

Chloroform

Concen: 0.840 ug/l

RT: 5.27 min Scan# 675

Delta R.T. 0.05 min

Lab File: VX008393.D

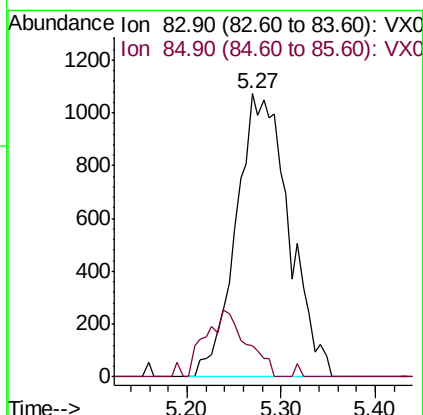
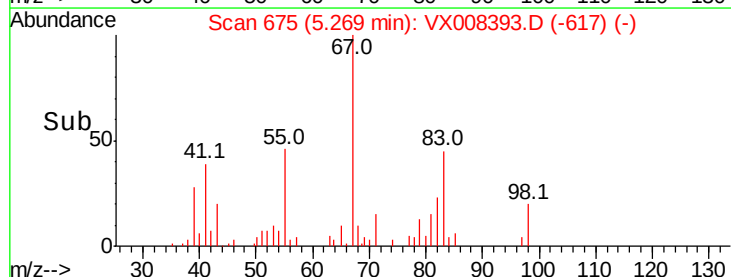
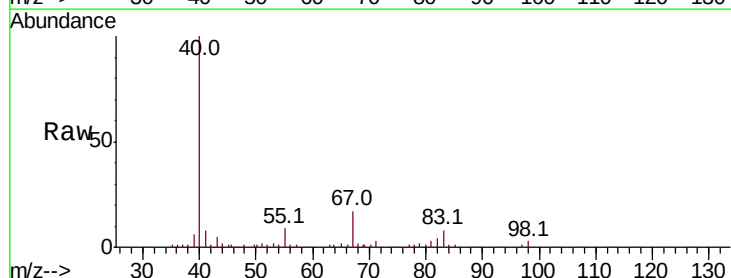
Acq: 24 Mar 2019 15:42

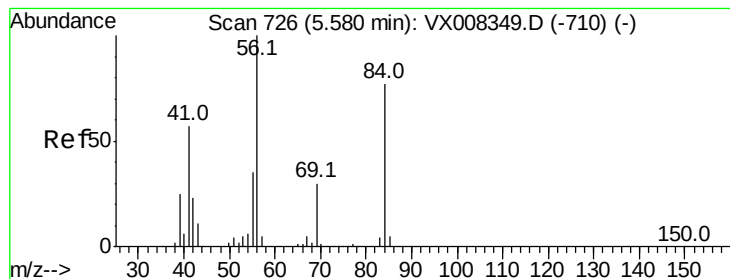
Tgt Ion: 83 Resp: 4182

Ion Ratio Lower Upper

83 100

85 11.2 51.8 77.6#





#31

Cyclohexane

Concen: 4.817 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

MW-7

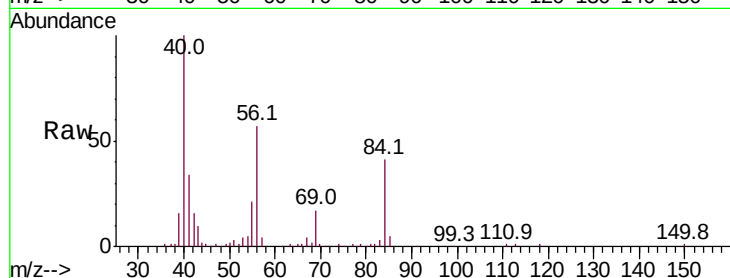
Tot Ion: 56 Resp: 25506

Ion Ratio Lower Upper

56 100

69 23.3 24.0 36.0#

84 71.9 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.59

8000

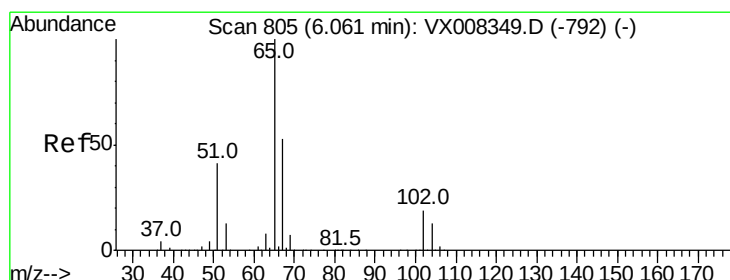
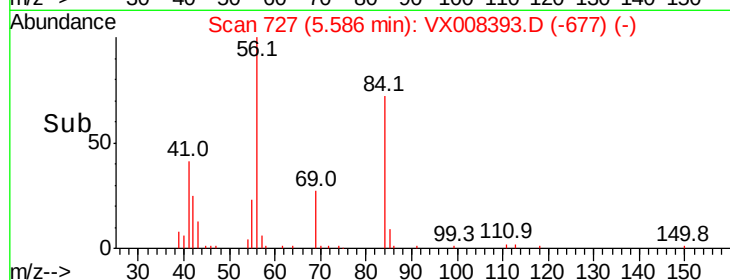
6000

4000

2000

0

Time--> 5.45 5.50 5.55 5.60 5.65



#33

1,2-Dichloroethane-d4

Concen: 48.359 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008393.D

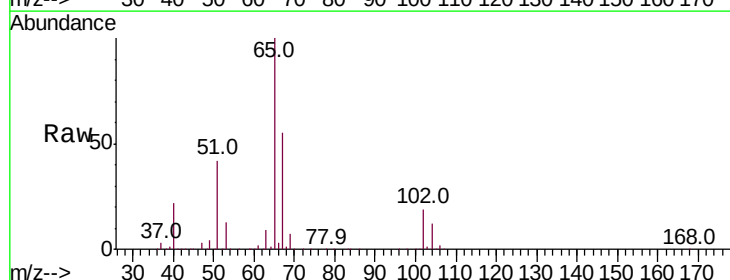
Acq: 24 Mar 2019 15:42

Tgt Ion: 65 Resp: 162836

Ion Ratio Lower Upper

65 100

67 53.5 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

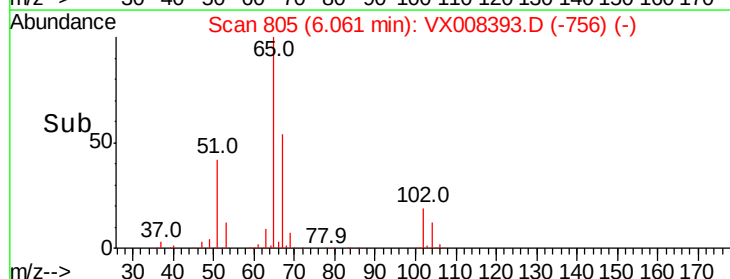
60000

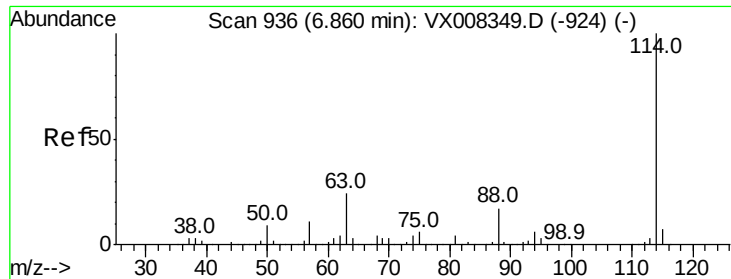
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

MW-7

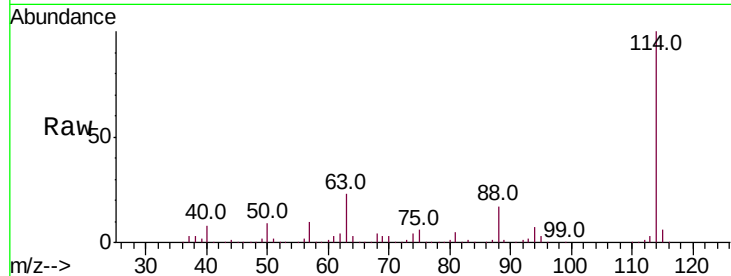
Tot Ion:114 Resp: 379179

Ion Ratio Lower Upper

114 100

63 22.8 0.0 39.8

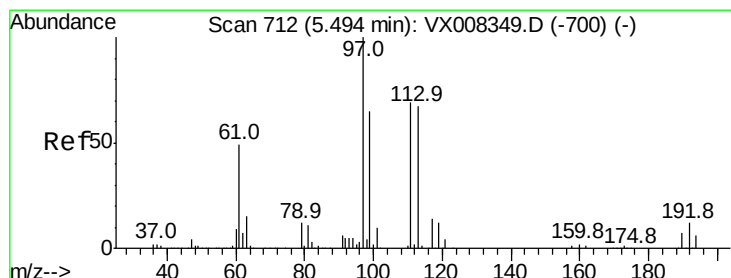
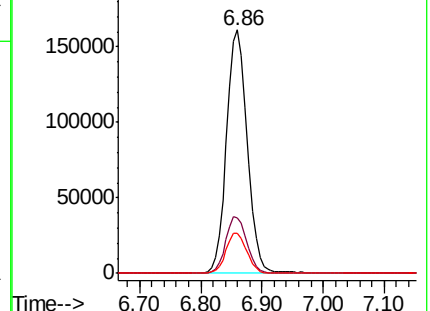
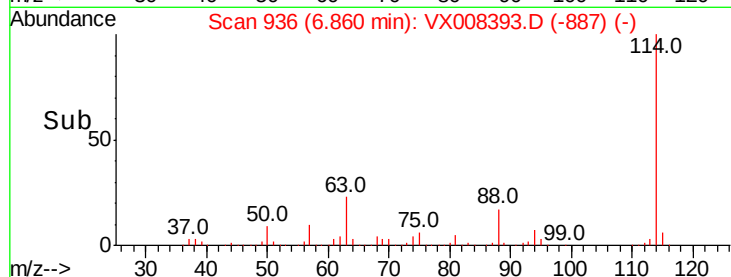
88 16.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.629 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

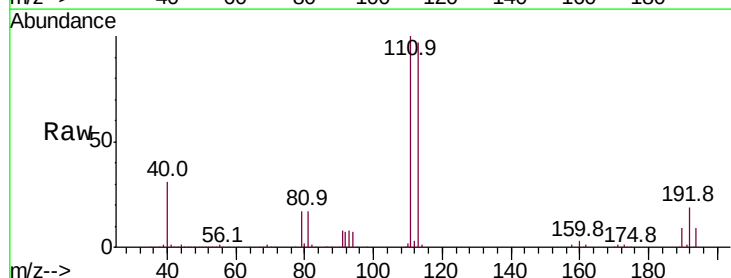
Tgt Ion:113 Resp: 119467

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

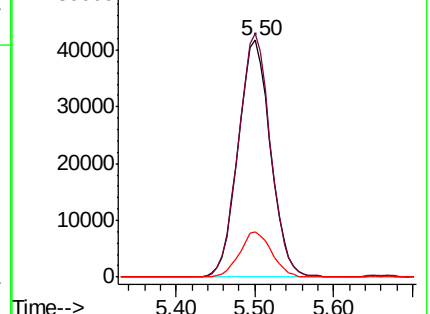
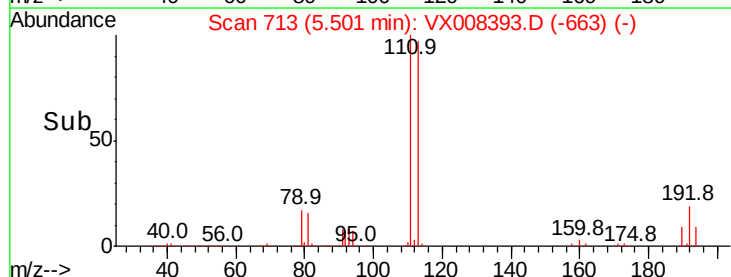
192 19.1 19.4 29.0#

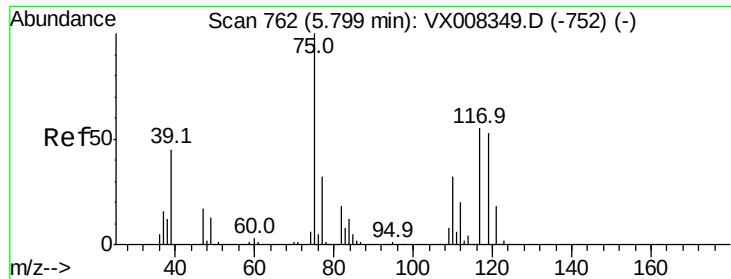


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

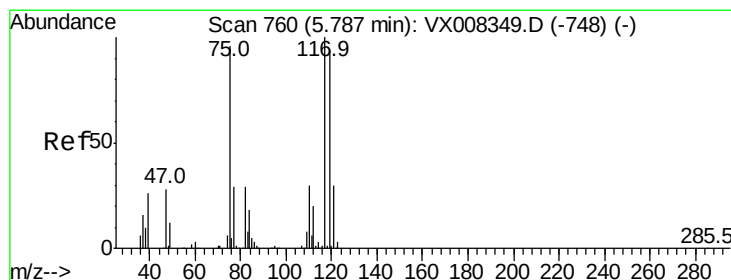
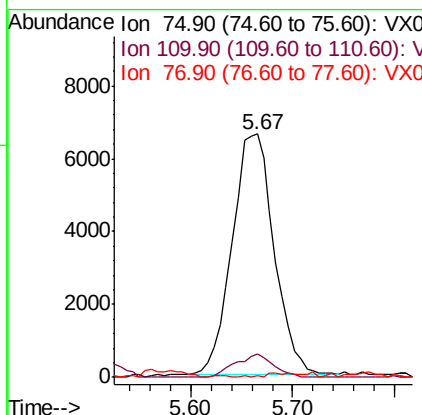
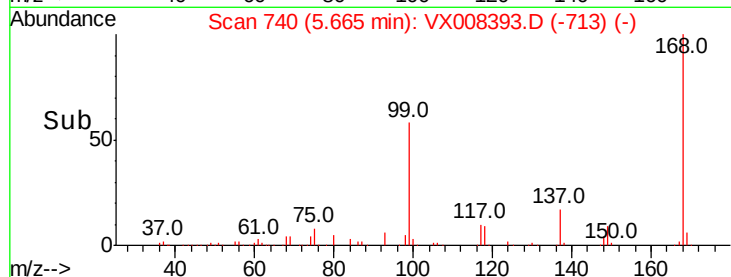
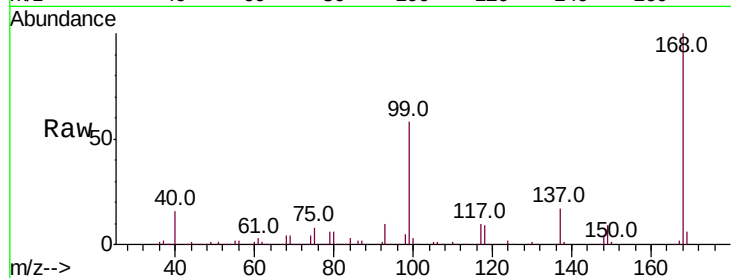




#36
 1,1-Dichloropropene
 Concen: 4.890 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX008393.D
 Acq: 24 Mar 2019 15:42

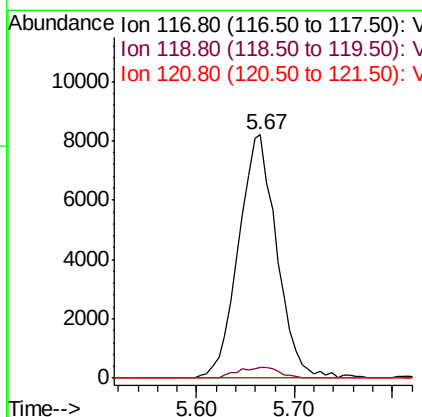
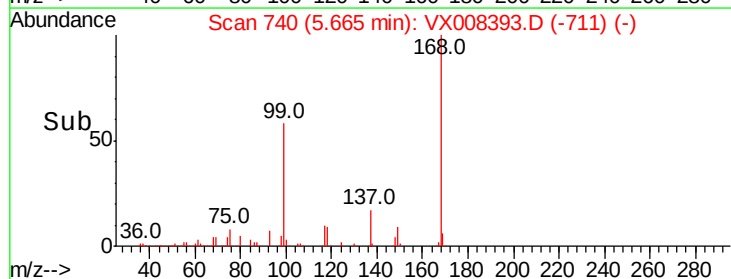
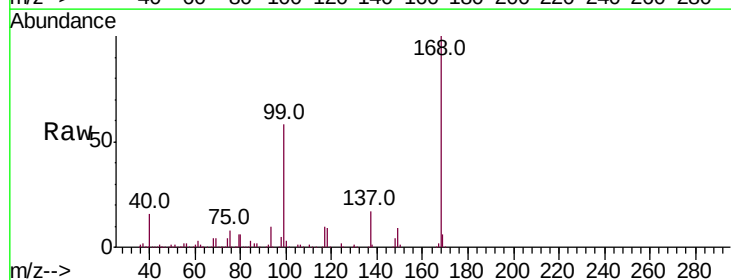
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

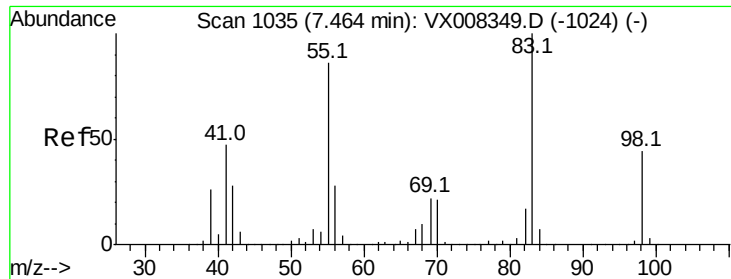
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.4	55.0#
77	1.1	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.705 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX008393.D
 Acq: 24 Mar 2019 15:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.2	114.2#
121	0.0	24.6	36.8#

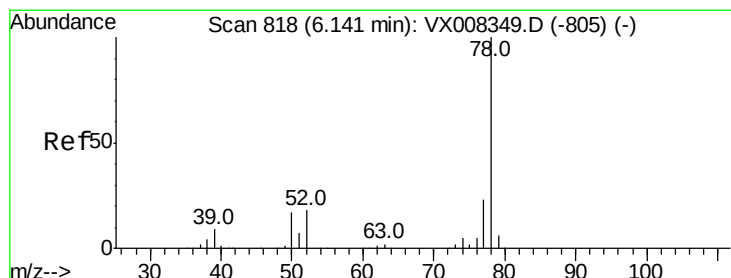
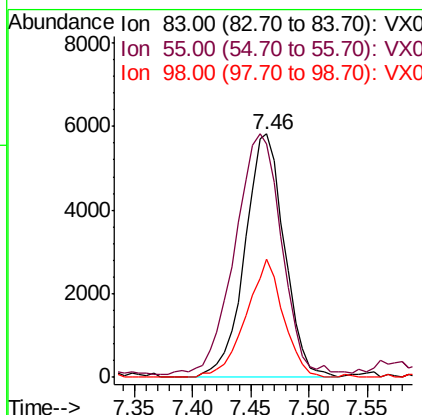
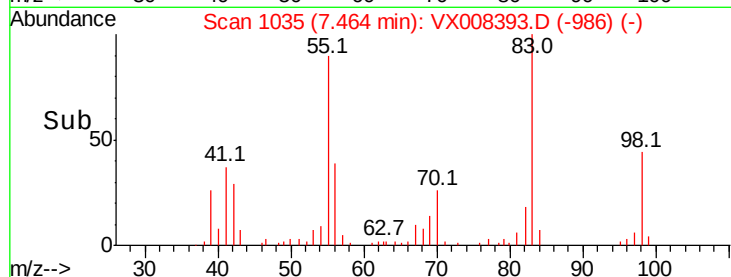
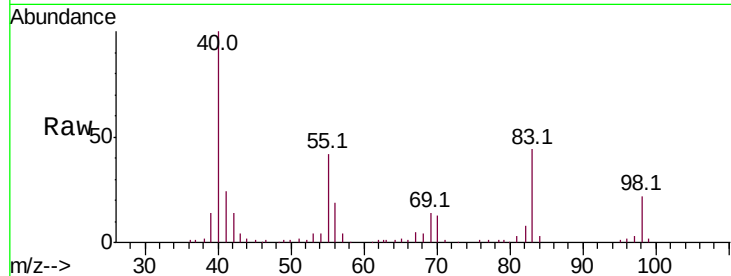




#39
Methvlcvclohexane
Concen: 2.889 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

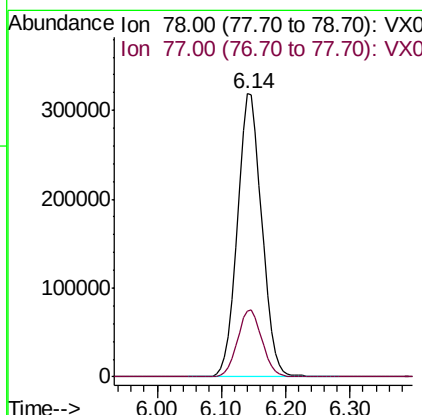
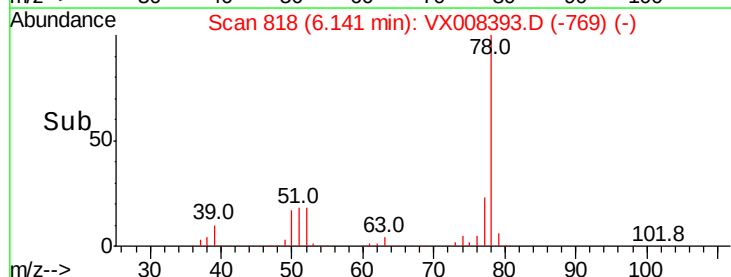
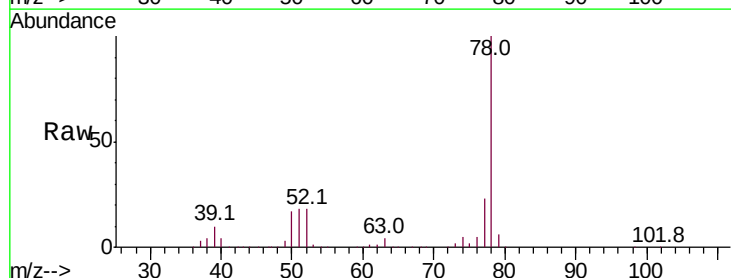
Instrument :
MSVOA_X
ClientSampleId :
MW-7

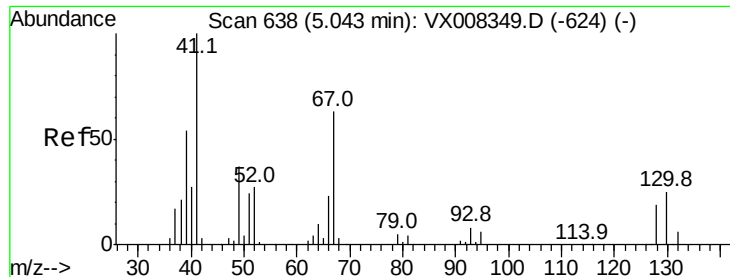
Tot Ion: 83 Resp: 13719
Ion Ratio Lower Upper
83 100
55 93.5 60.4 90.6#
98 48.6 36.5 54.7



#40
Benzene
Concen: 70.845 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

Tgt Ion: 78 Resp: 835969
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4





#41

Methacrylonitrile

Concen: 0.243 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

MW-7

Tot Ion: 41 Resp: 694

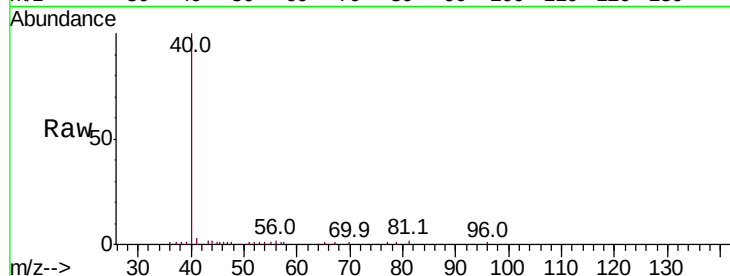
Ion Ratio Lower Upper

41 100

39 0.0 41.6 62.4#

67 0.0 55.8 83.6#

52 14.0 21.7 32.5#

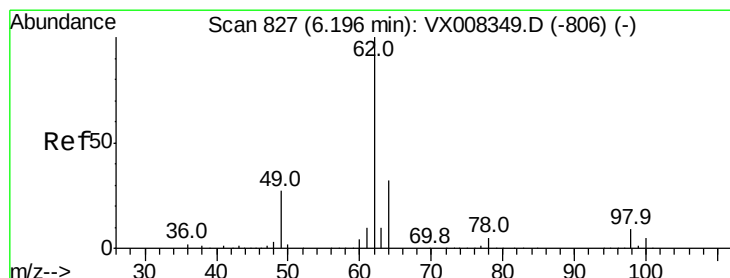
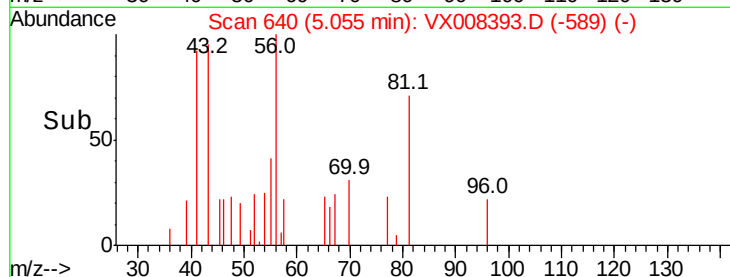
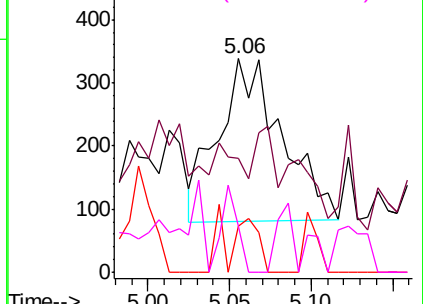


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 1.765 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.05 min

Lab File: VX008393.D

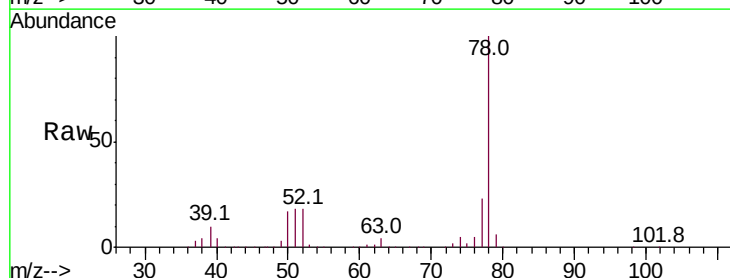
Acq: 24 Mar 2019 15:42

Tgt Ion: 62 Resp: 7559

Ion Ratio Lower Upper

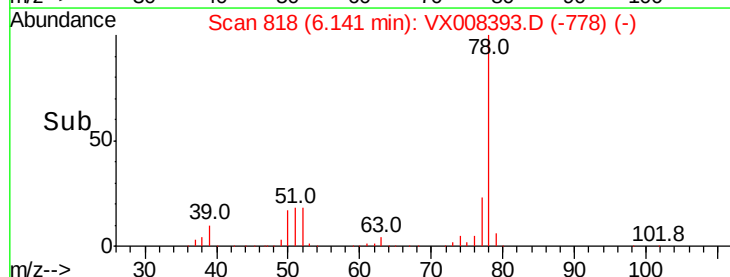
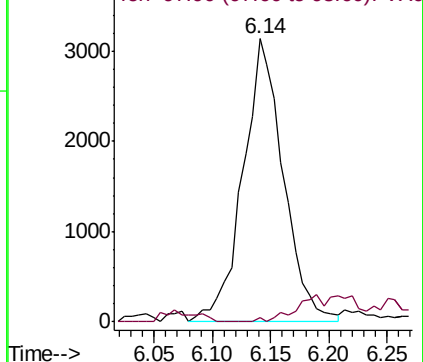
62 100

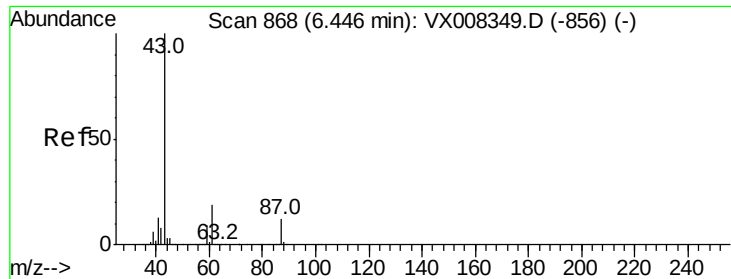
98 0.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

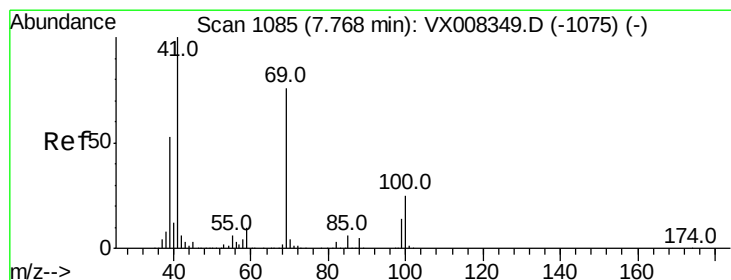
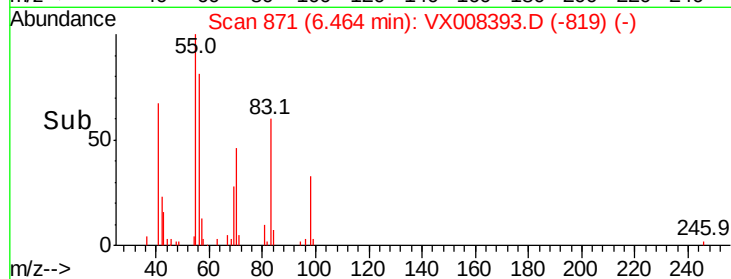
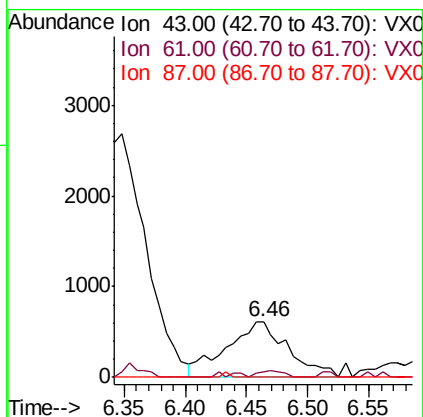
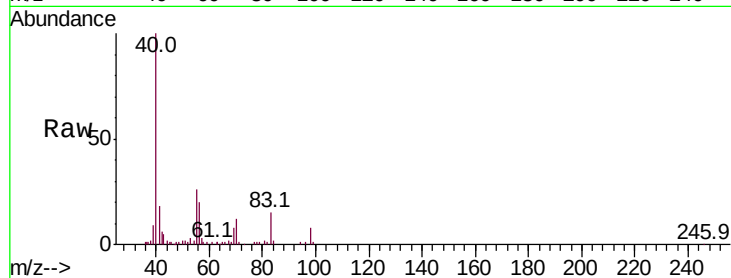




#43
Isopropyl Acetate
Concen: 0.261 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.02 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

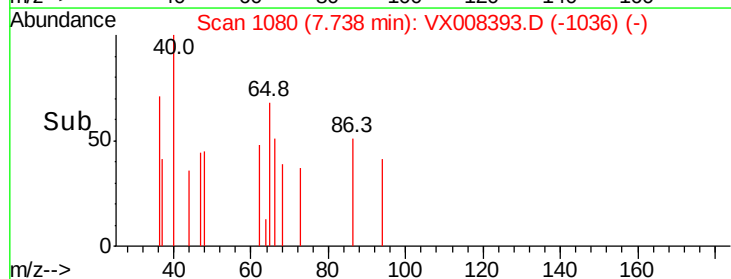
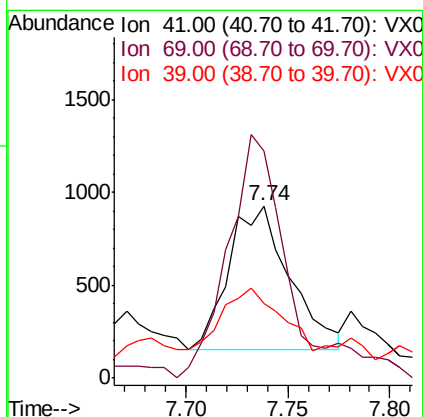
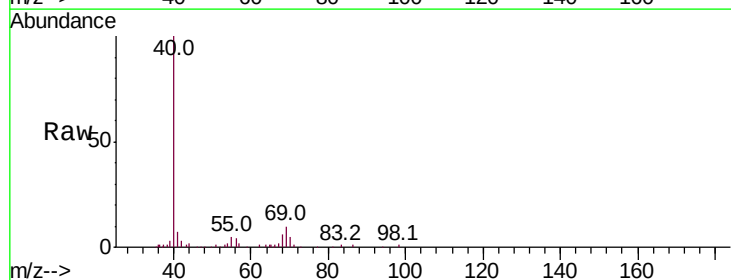
Instrument :
MSVOA_X
ClientSampleId :
MW-7

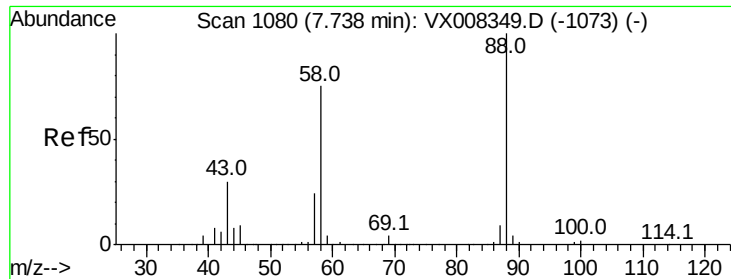
Tot Ion: 43 Resp: 2131
Ion Ratio Lower Upper
43 100
61 5.0 16.3 24.5#
87 0.0 10.5 15.7#



#48
Methyl methacrylate
Concen: 0.387 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.03 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

Tgt Ion: 41 Resp: 1596
Ion Ratio Lower Upper
41 100
69 171.4 65.2 97.8#
39 46.4 39.4 59.2





#49

1,4-Dioxane

Concen: 0.229 ug/l

RT: 7.87 min Scan# 1101

Delta R.T. 0.13 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

MW-7

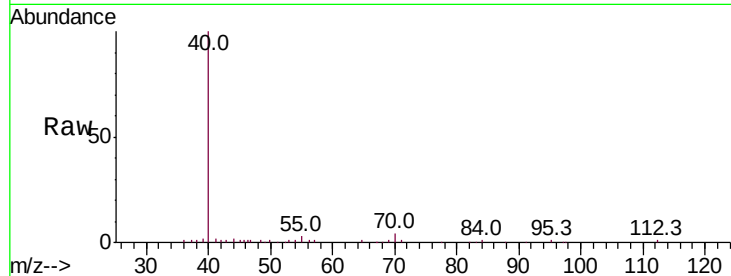
Tot Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 25.1 37.7#

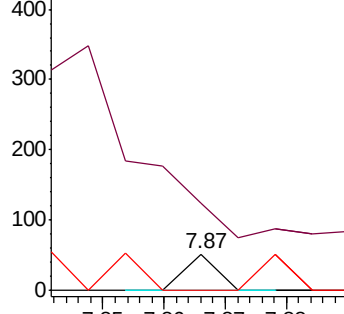
58 100.0 57.8 86.6#



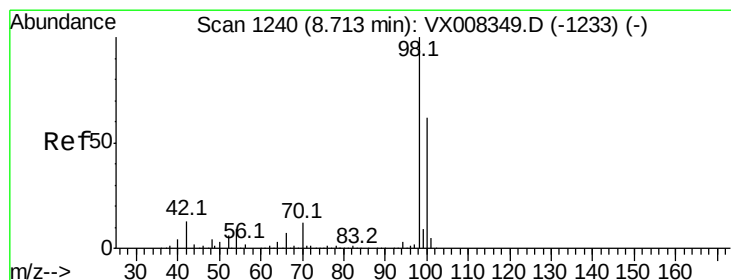
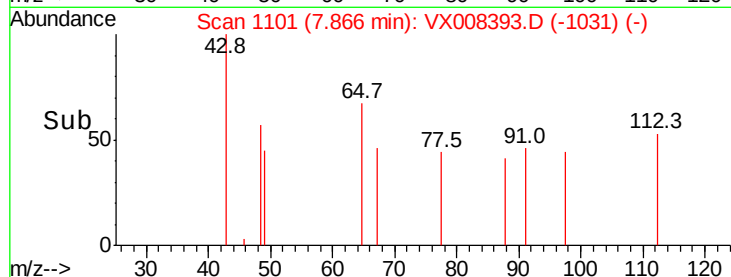
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 49.313 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008393.D

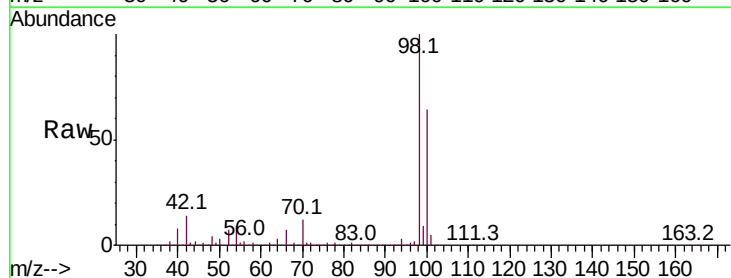
Acq: 24 Mar 2019 15:42

Tgt Ion: 98 Resp: 479166

Ion Ratio Lower Upper

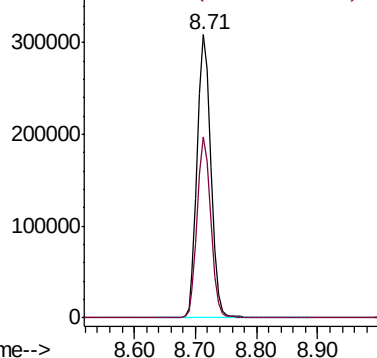
98 100

100 63.3 51.7 77.5

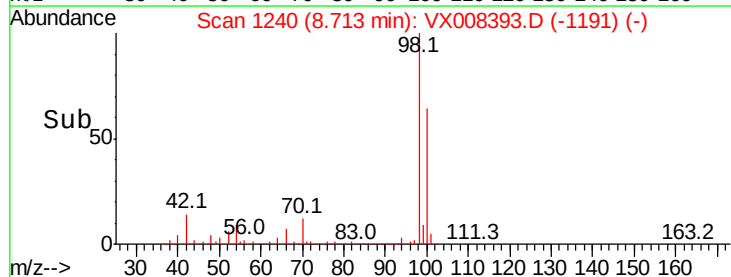


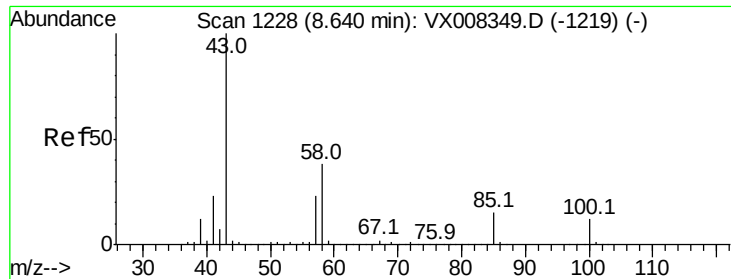
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.728 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

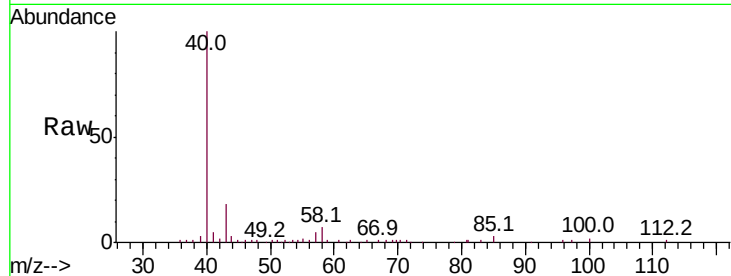
MW-7

Tot Ion: 43 Resp: 3899

Ion Ratio Lower Upper

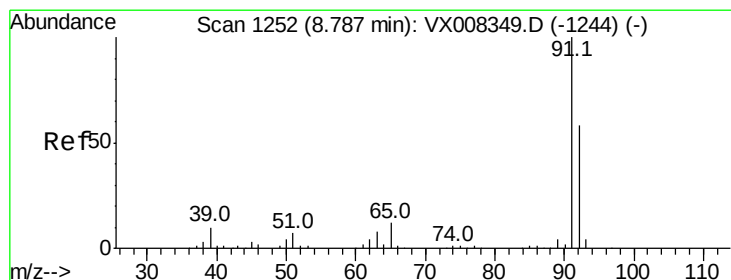
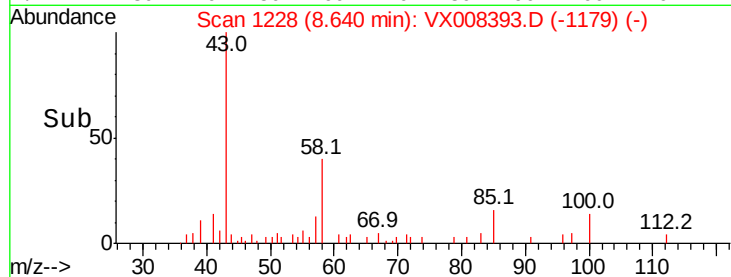
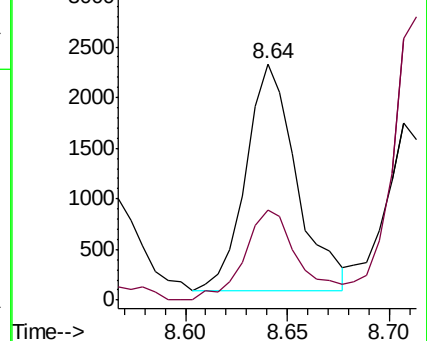
43 100

58 42.3 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 3.546 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008393.D

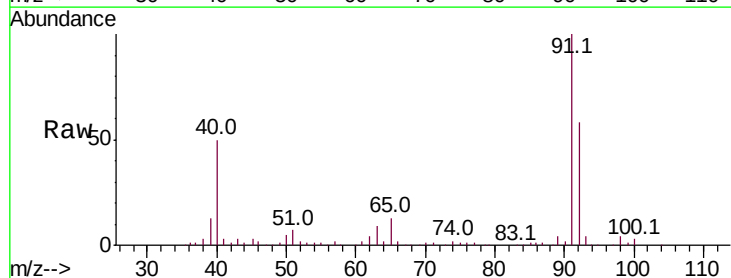
Acq: 24 Mar 2019 15:42

Tgt Ion: 92 Resp: 24532

Ion Ratio Lower Upper

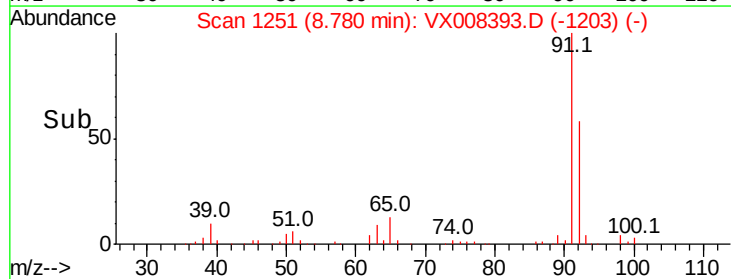
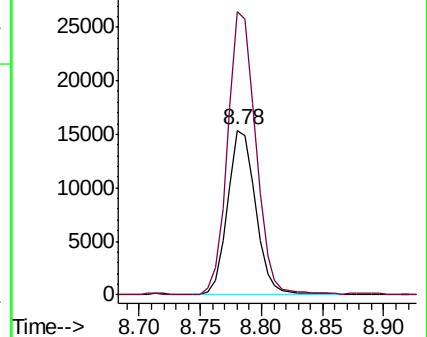
92 100

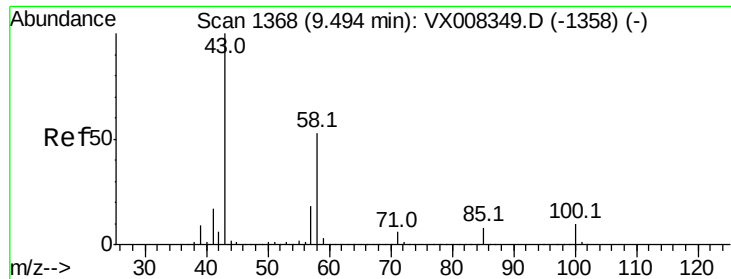
91 170.9 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

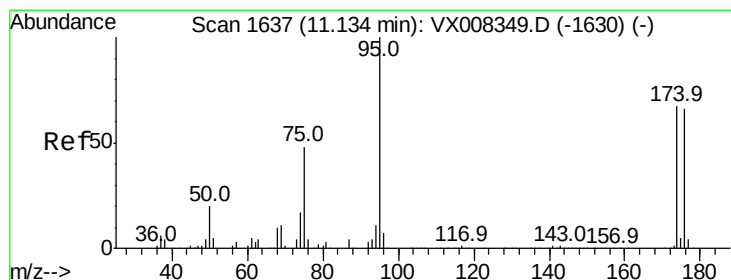
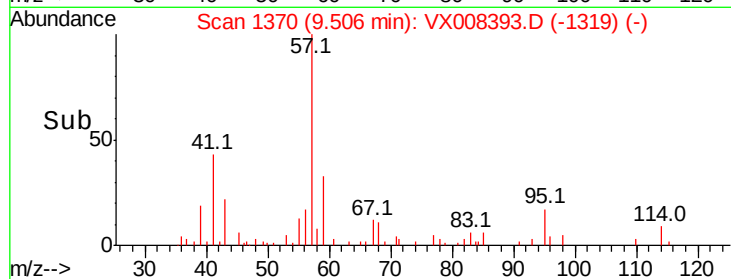
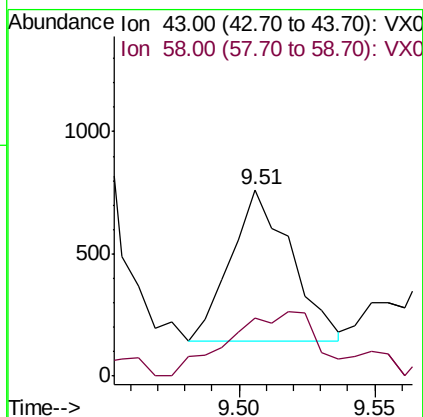
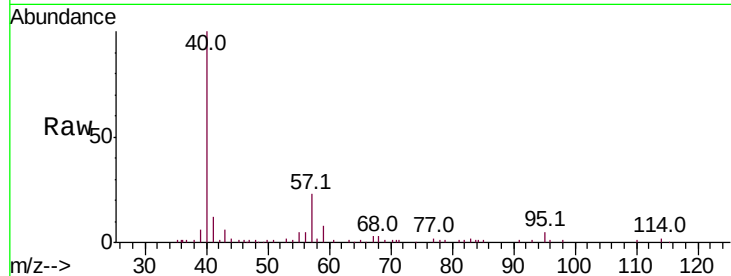




#59
2-Hexanone
Concen: 0.232 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

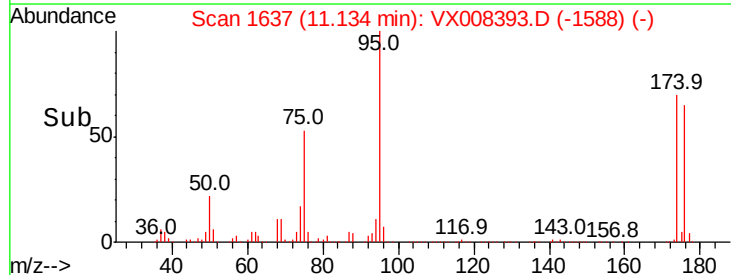
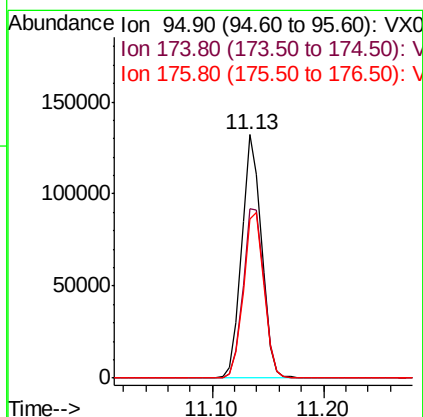
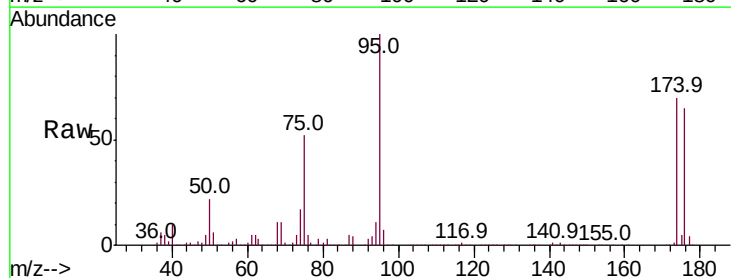
Instrument :
MSVOA_X
ClientSampleId :
MW-7

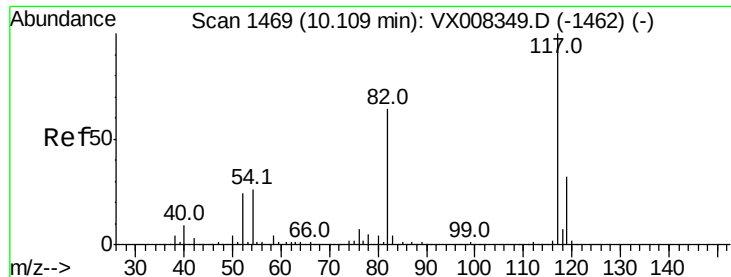
Tot Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
58 61.4 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 45.751 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

Tgt Ion: 95 Resp: 163223
Ion Ratio Lower Upper
95 100
174 73.8 0.0 182.8
176 70.2 0.0 178.0

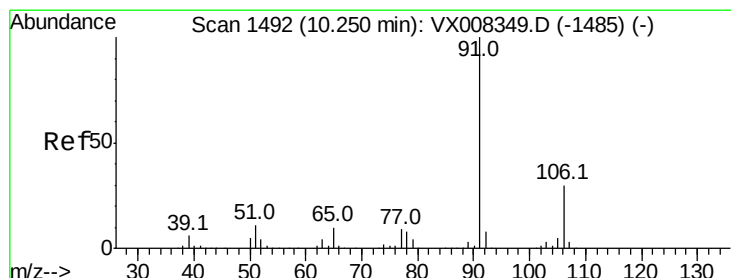
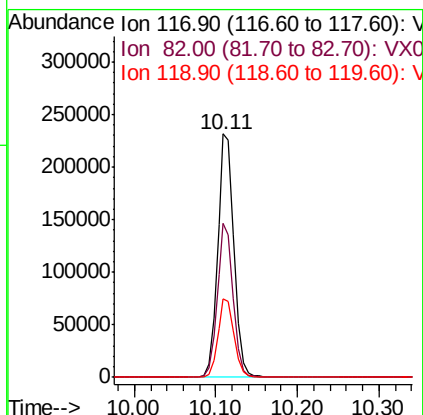
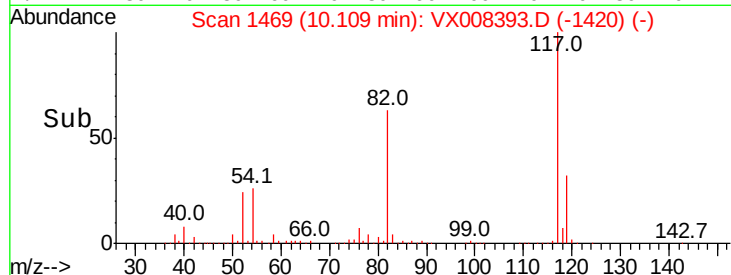
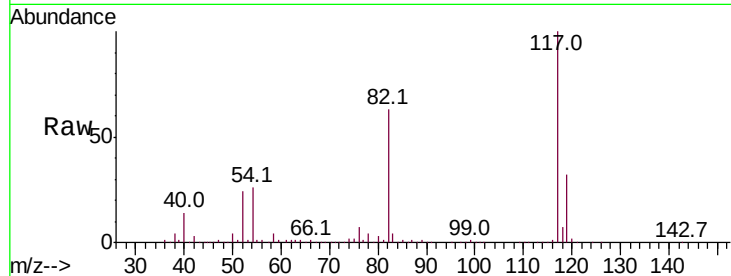




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

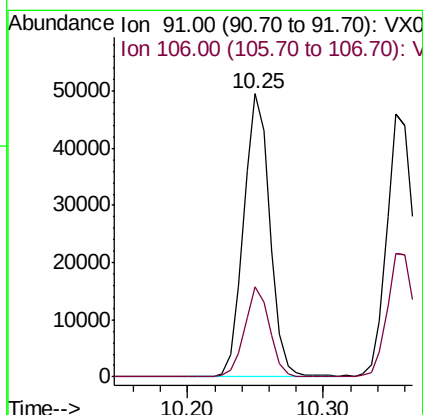
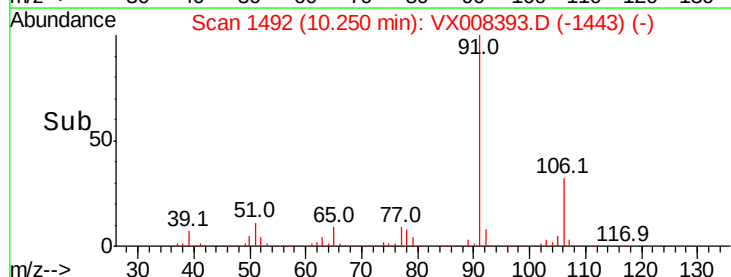
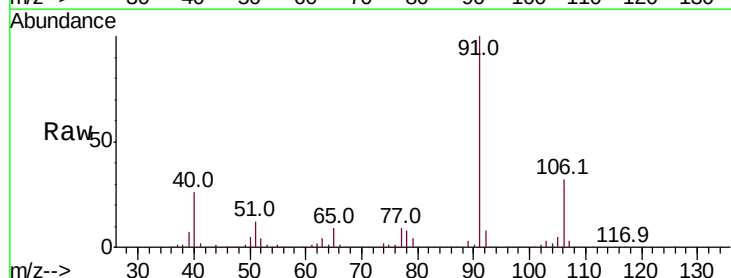
Instrument :
MSVOA_X
ClientSampleId :
MW-7

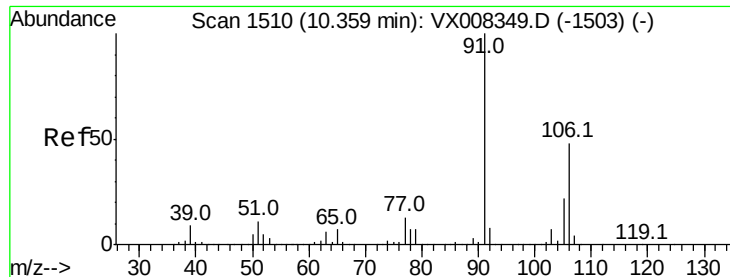
Tot Ion:117 Resp: 324441
Ion Ratio Lower Upper
117 100
82 63.2 44.3 66.5
119 32.1 25.3 37.9



#67
Ethyl Benzene
Concen: 5.211 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

Tgt Ion: 91 Resp: 66388
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8

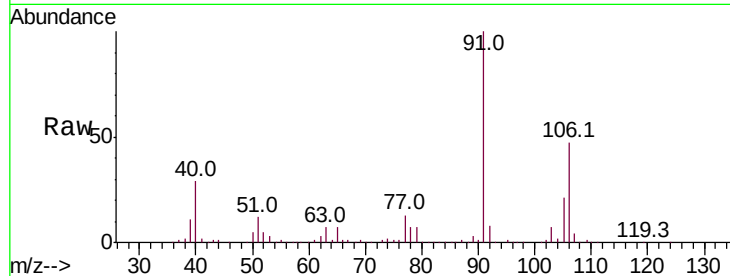




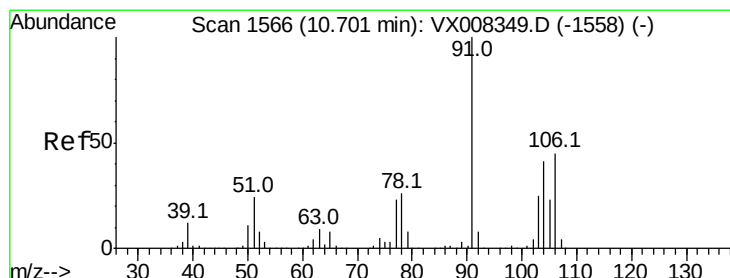
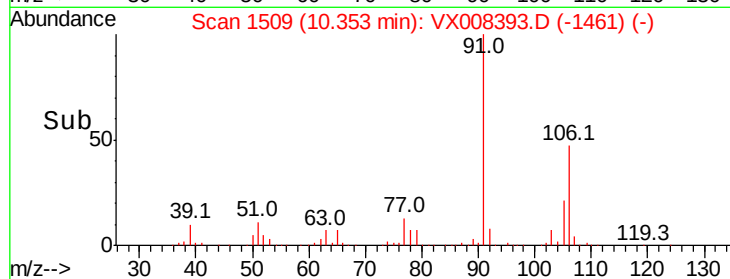
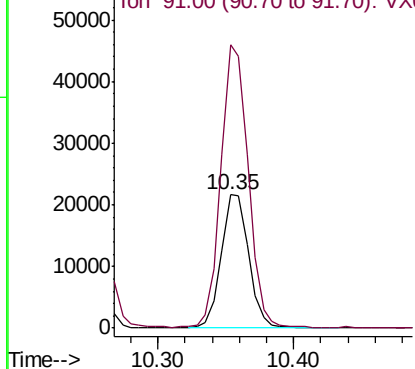
#68
m/p-Xylenes
Concen: 6.629 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

Instrument :
MSVOA_X
ClientSampled :
MW-7

Tot Ion:106 Resp: 30345
Ion Ratio Lower Upper
106 100
91 209.4 159.8 239.6

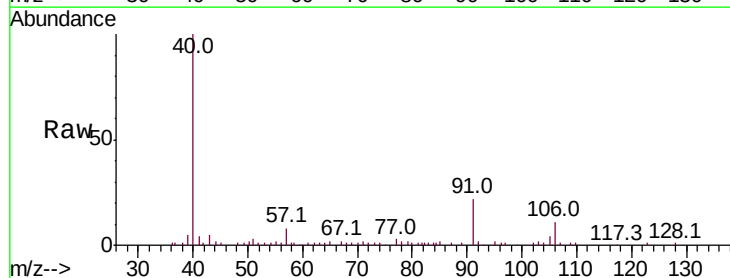


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

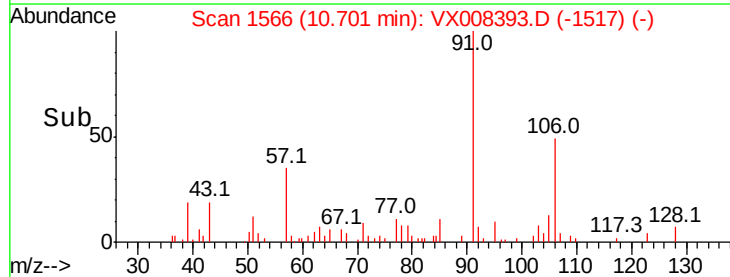
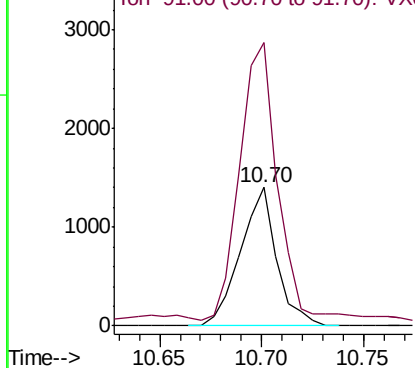


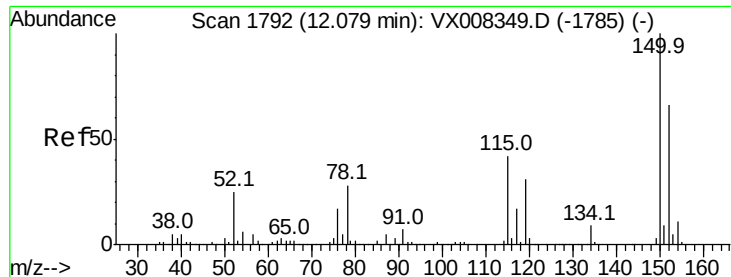
#69
o-Xylene
Concen: 0.386 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

Tgt Ion:106 Resp: 1729
Ion Ratio Lower Upper
106 100
91 232.0 106.3 318.9



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

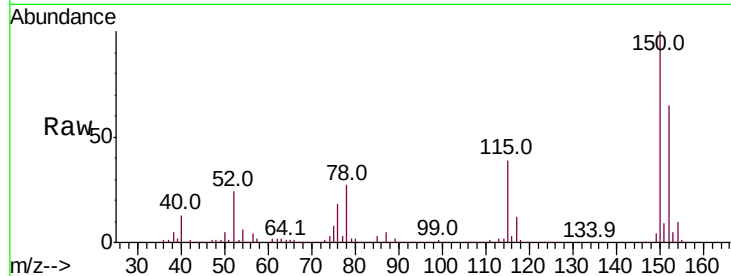




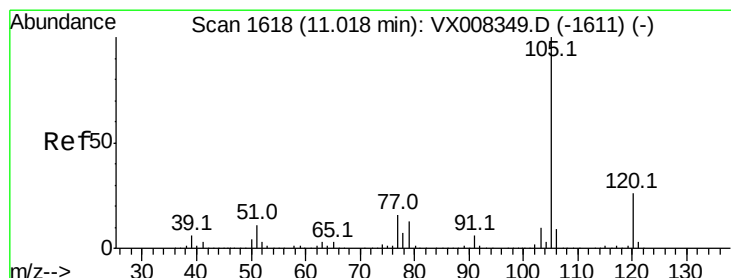
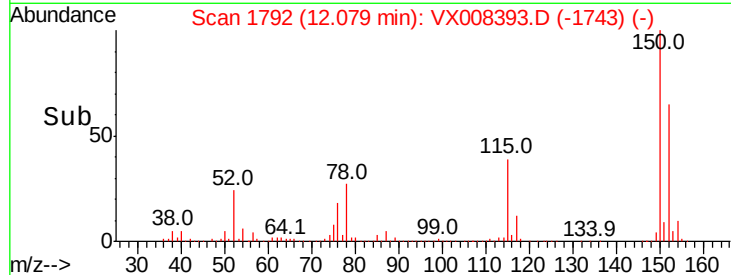
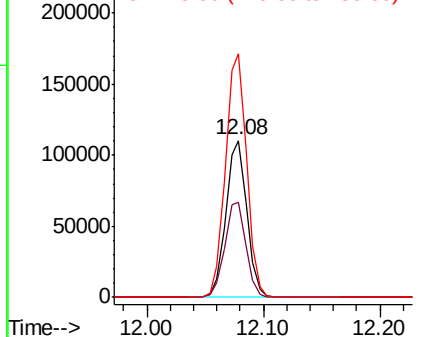
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008393.D
 Acq: 24 Mar 2019 15:42

Instrument :
 MSVOA_X
 ClientSampled :
 MW-7

Tot Ion:152 Resp: 136842
 Ion Ratio Lower Upper
 152 100
 115 61.6 38.6 115.7
 150 157.4 0.0 348.4

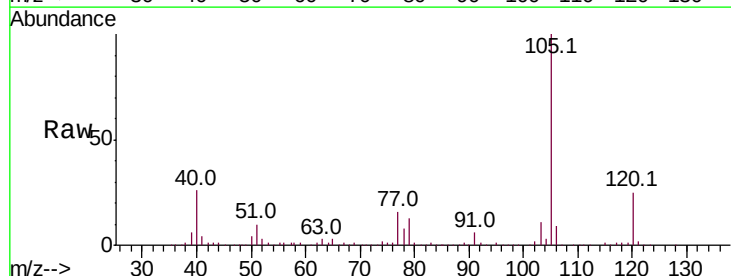


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

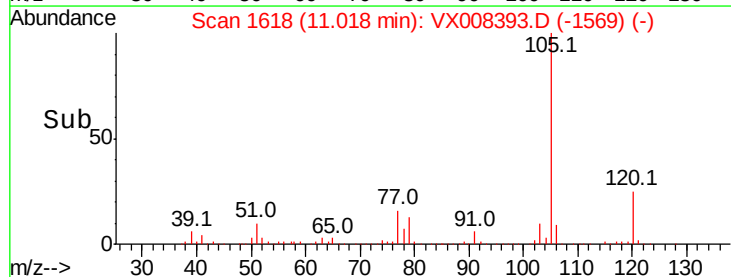
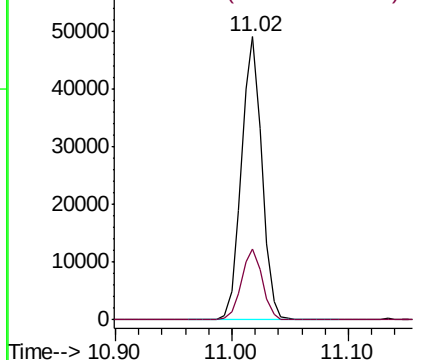


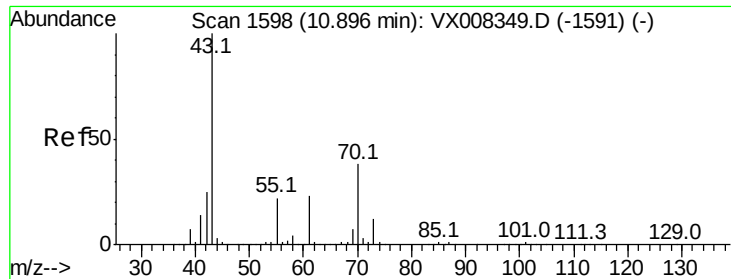
#73
 Isopropylbenzene
 Concen: 5.592 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: VX008393.D
 Acq: 24 Mar 2019 15:42

Tgt Ion:105 Resp: 60387
 Ion Ratio Lower Upper
 105 100
 120 25.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.298 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

MW-7

Tot Ion: 43 Resp: 1883

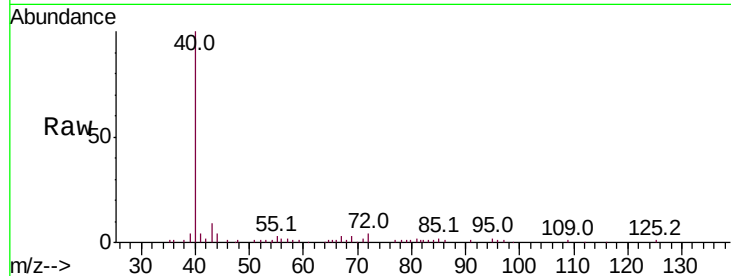
Ion Ratio Lower Upper

43 100

70 14.5 33.5 50.3#

55 49.0 19.2 28.8#

61 0.0 19.0 28.6#

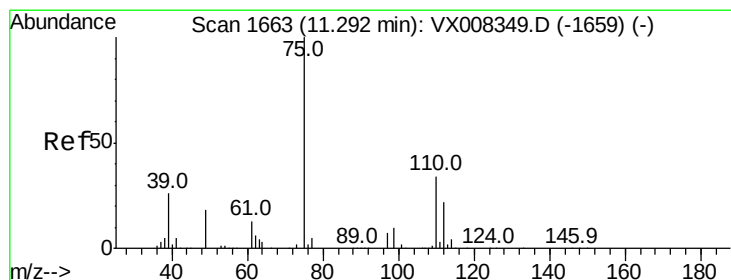
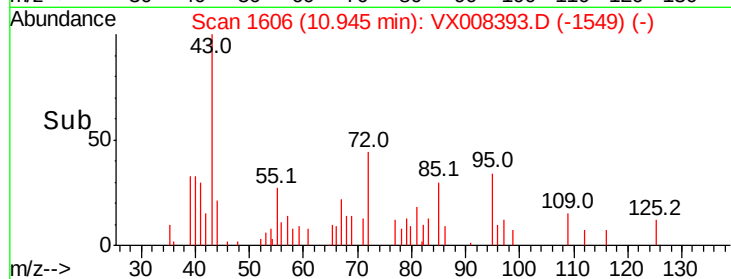
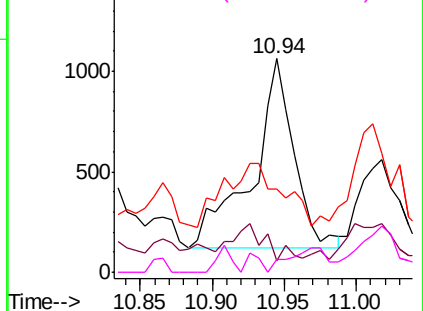


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 23.611 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008393.D

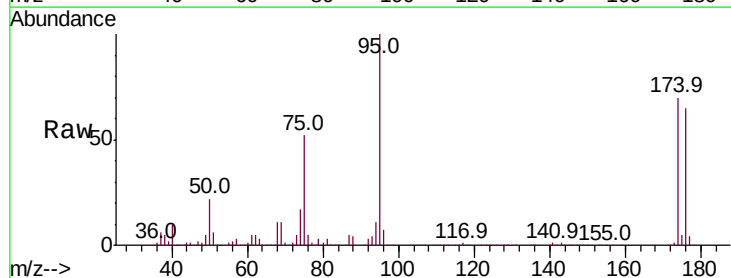
Acq: 24 Mar 2019 15:42

Tgt Ion: 75 Resp: 84572

Ion Ratio Lower Upper

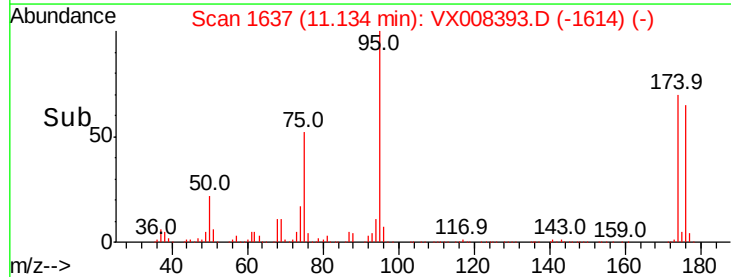
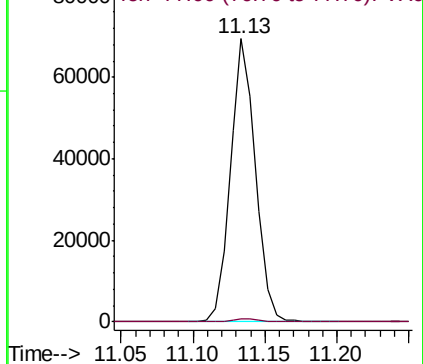
75 100

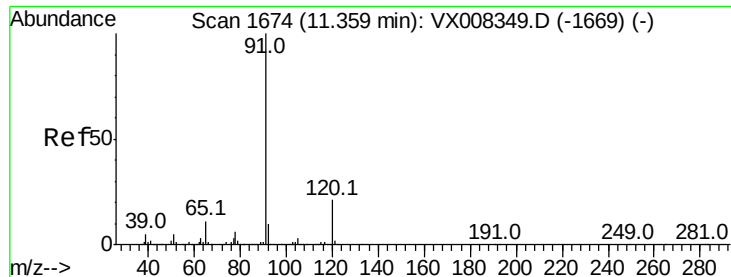
77 1.2 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.577 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

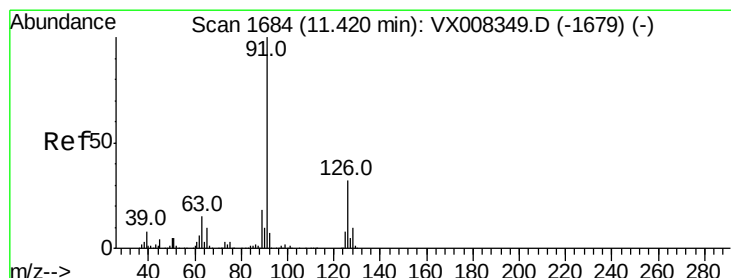
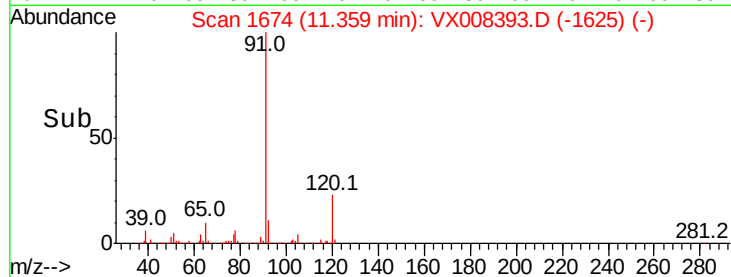
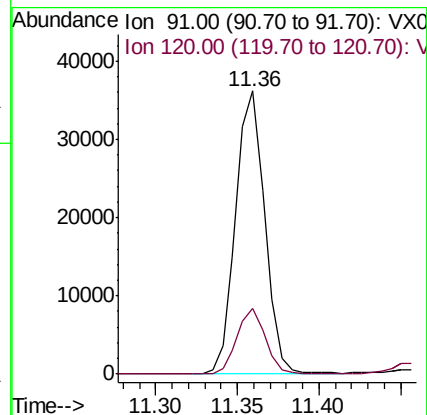
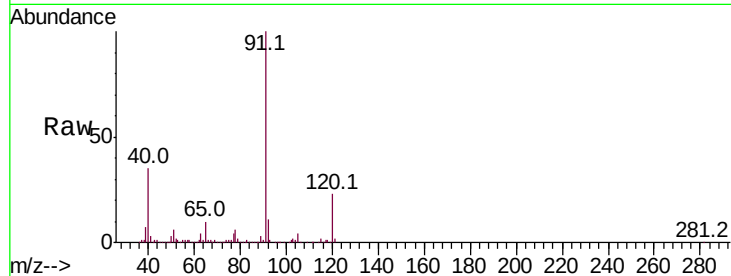
MW-7

Tot Ion: 91 Resp: 45269

Ion Ratio Lower Upper

91 100

120 22.4 12.0 36.0



#79

2-Chlorotoluene

Concen: 5.871 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX008393.D

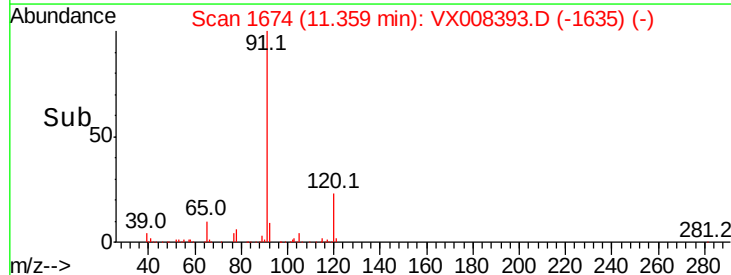
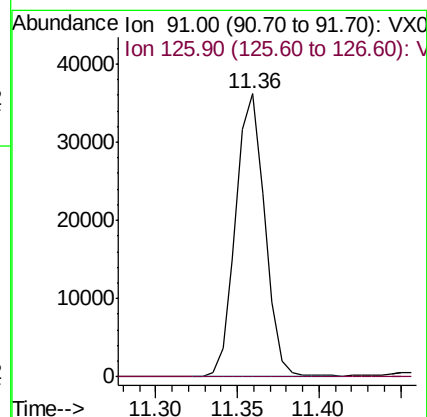
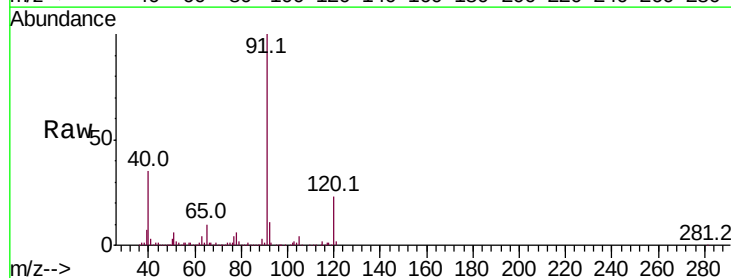
Acq: 24 Mar 2019 15:42

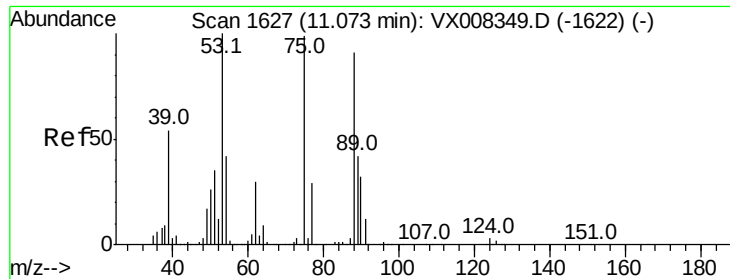
Tgt Ion: 91 Resp: 45269

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 67.286 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

MW-7

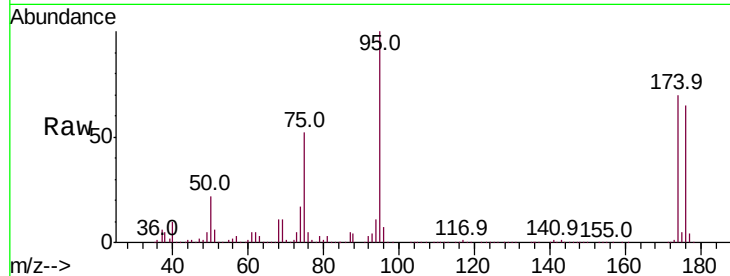
Tot Ion: 75 Resp: 84572

Ion Ratio Lower Upper

75 100

53 0.2 76.1 114.1#

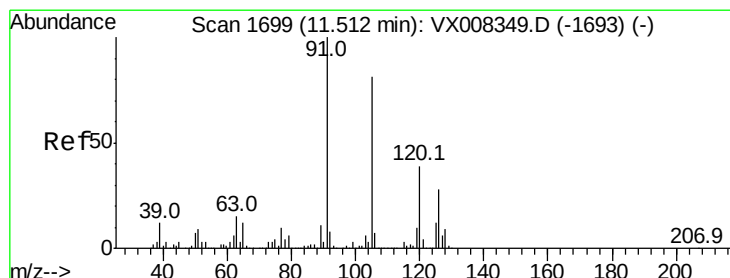
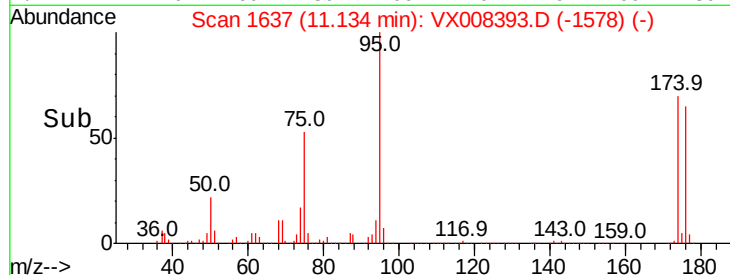
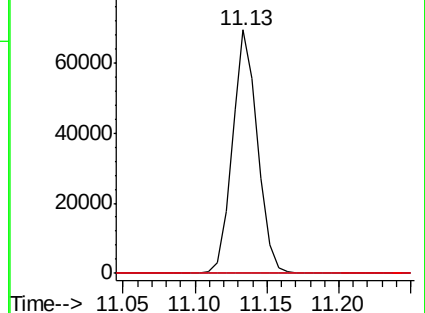
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.414 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.15 min

Lab File: VX008393.D

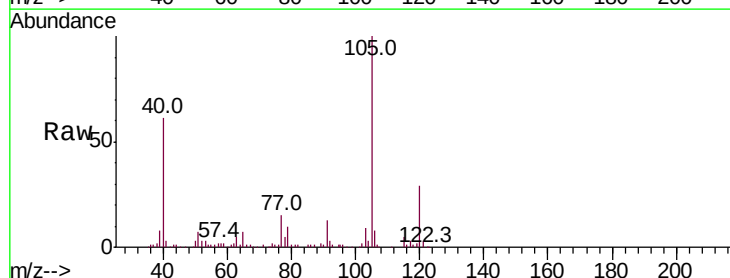
Acq: 24 Mar 2019 15:42

Tgt Ion: 91 Resp: 3678

Ion Ratio Lower Upper

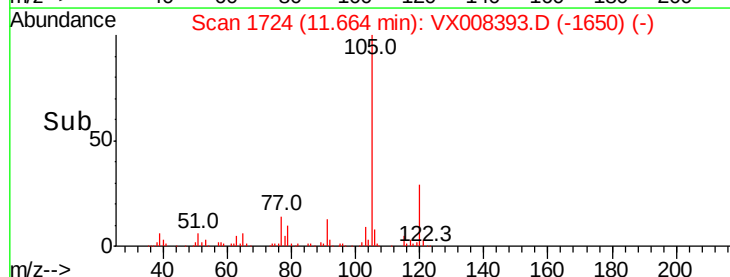
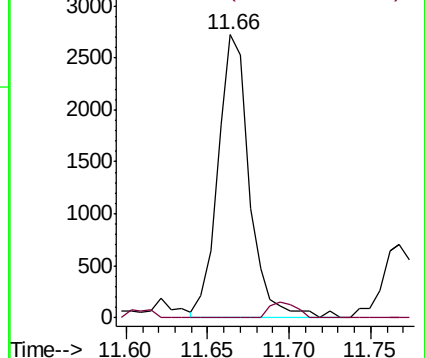
91 100

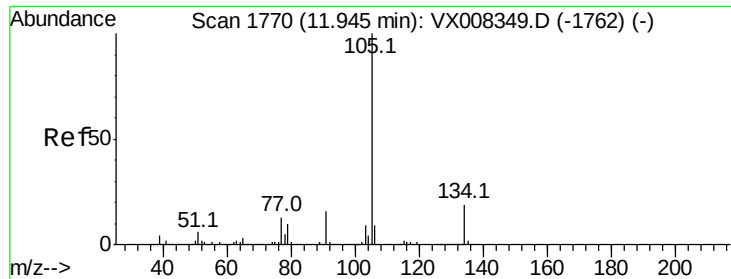
126 0.0 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#85

sec-Butylbenzene

Concen: 0.247 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

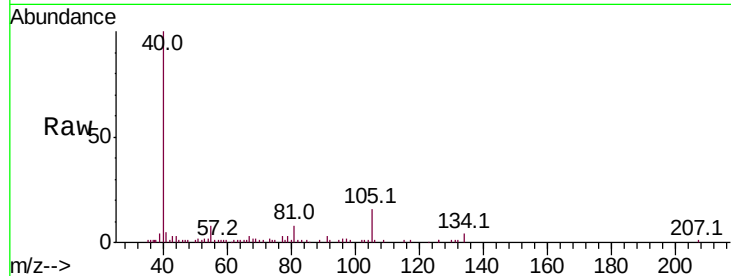
MW-7

Tot Ion:105 Resp: 2586

Ion Ratio Lower Upper

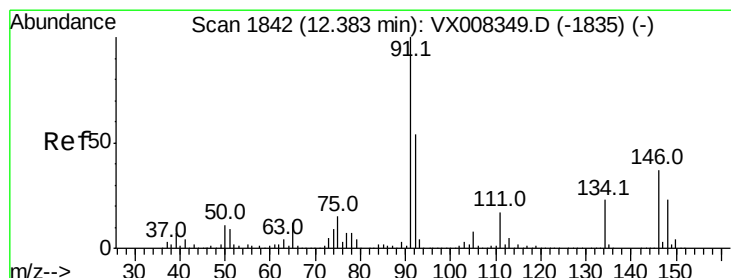
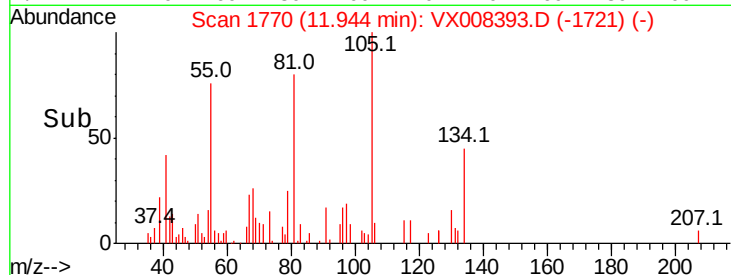
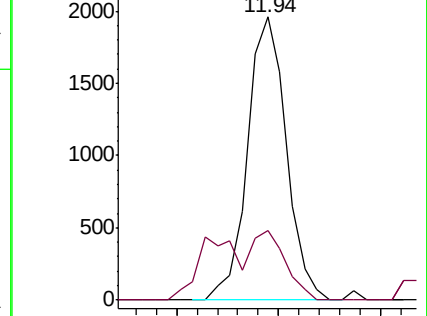
105 100

134 21.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.366 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

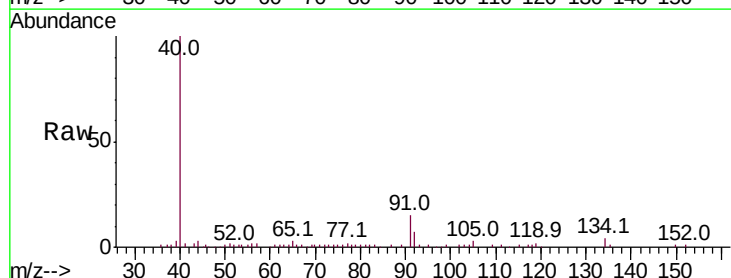
Tgt Ion: 91 Resp: 3225

Ion Ratio Lower Upper

91 100

92 41.9 27.0 80.8

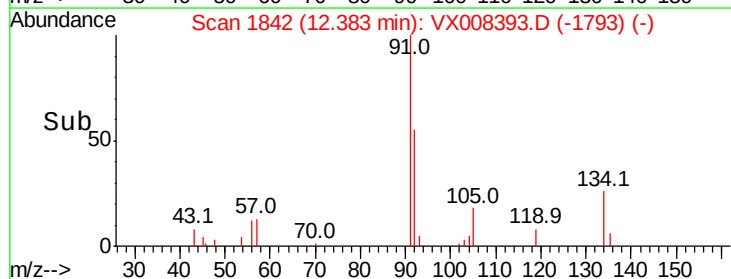
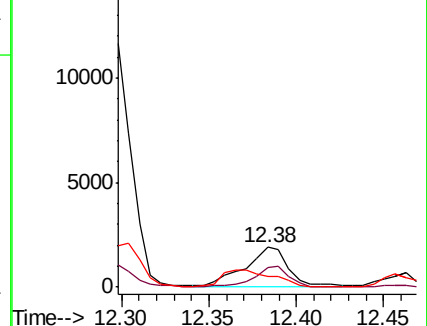
134 52.6 13.7 41.0#

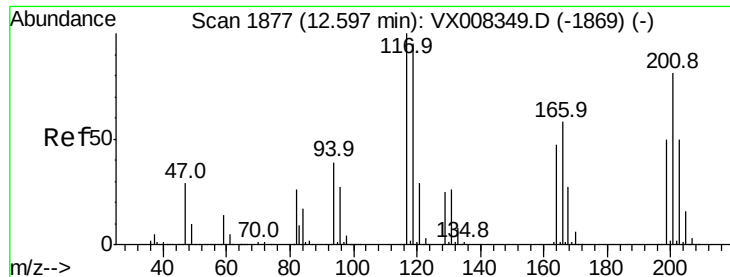


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.551 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

Instrument :

MSVOA_X

ClientSampleId :

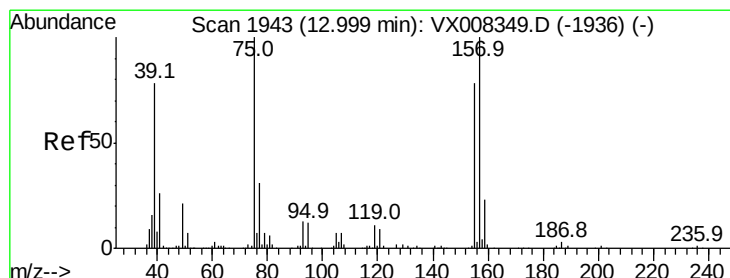
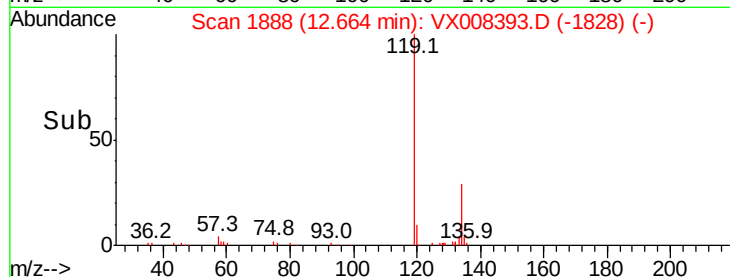
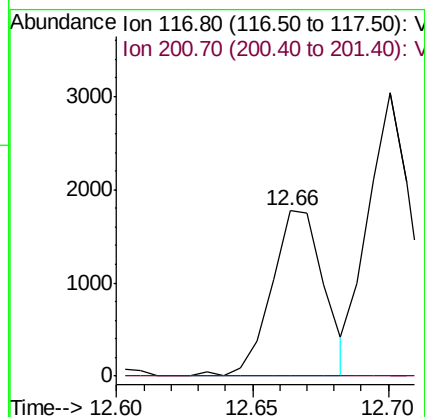
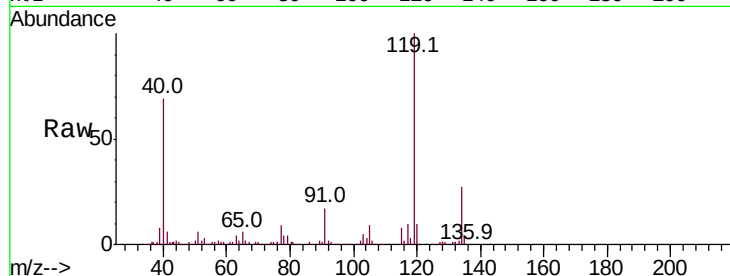
MW-7

Tot Ion:117 Resp: 2368

Ion Ratio Lower Upper

117 100

201 0.0 48.9 146.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.277 ug/l

RT: 12.97 min Scan# 1938

Delta R.T. -0.03 min

Lab File: VX008393.D

Acq: 24 Mar 2019 15:42

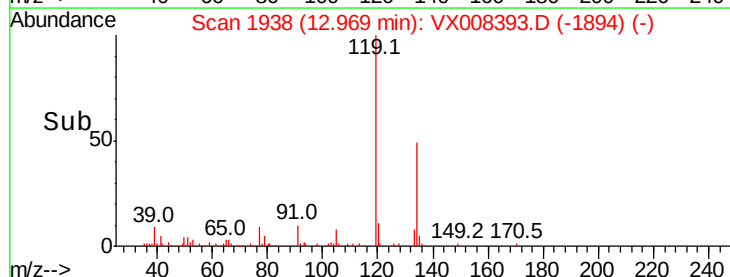
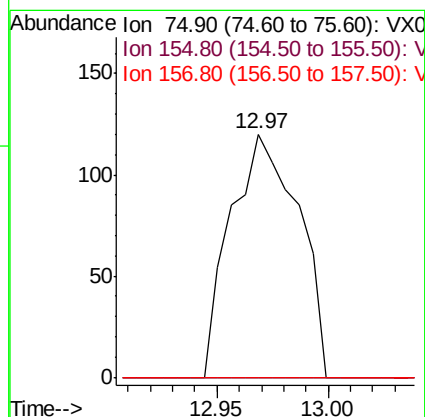
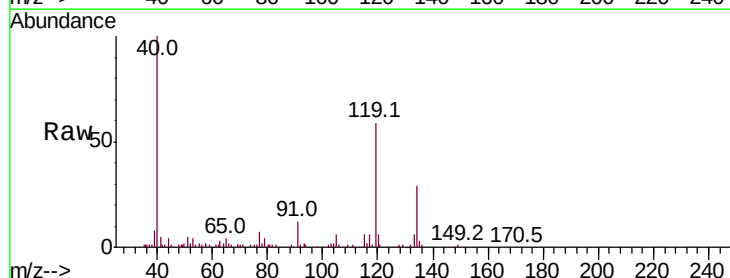
Tgt Ion: 75 Resp: 254

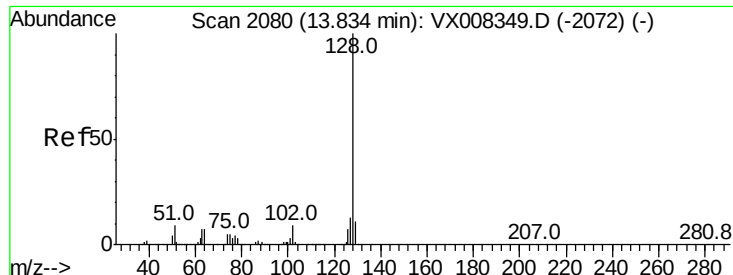
Ion Ratio Lower Upper

75 100

155 0.0 49.7 149.1#

157 0.0 63.8 191.4#





#95
Naphthalene
Concen: 0.206 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008393.D
Acq: 24 Mar 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.3	15.5#
129	24.6	8.7	13.1#

