

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041819\
 Data File : VX009042.D
 Acq On : 18 Apr 2019 14:34
 Operator : JC/SP
 Sample : K2449-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW015-190415

Quant Time: Apr 19 01:37:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137867	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	156163	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
35) Dibromofluoromethane	5.50	113	113538	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	8.71	98	476937	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.13	95	157639	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	914	0.274	ug/l	90
4) Vinyl Chloride	1.40	62	1006	0.310	ug/l #	84
5) Bromomethane	1.62	94	133	3.909	ug/l #	33
10) Methyl Iodide	2.51	142	443	4.567	ug/l #	86
11) Tert butyl alcohol	3.04	59	3469	4.708	ug/l	95
13) Acrolein	2.31	56	346	0.543	ug/l #	14
14) Allyl chloride	2.84	41	20089	3.645	ug/l #	68
15) Acrylonitrile	3.15	53	389	0.208	ug/l #	64
16) Acetone	2.44	43	3129	1.818	ug/l	99
17) Carbon Disulfide	2.57	76	1497	1.449	ug/l #	75
18) Methyl Acetate	2.84	43	49836	11.599	ug/l #	55
25) 2-Butanone	4.71	43	670	0.243	ug/l #	54
27) cis-1,2-Dichloroethene	4.59	96	2199	0.719	ug/l #	67
28) Bromochloromethane	5.01	49	138	Below Cal	#	21
29) Tetrahydrofuran	5.15	42	535	0.290	ug/l #	45
31) Cyclohexane	5.67	56	4444	0.840	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	18926	4.808	ug/l #	51
38) Carbon Tetrachloride	5.67	117	22699	6.802	ug/l #	18
39) Methylcyclohexane	7.45	83	4684	0.977	ug/l #	50
43) Isopropyl Acetate	6.35	43	101510	12.436	ug/l #	63
48) Methyl methacrylate	7.85	41	2636	0.654	ug/l	94
51) 4-Methyl-2-Pentanone	8.68	43	9533	1.833	ug/l #	76
55) 1,1,2-Trichloroethane	9.16	97	2512	0.911	ug/l #	18
56) Ethyl methacrylate	9.16	69	1032	0.209	ug/l #	17
59) 2-Hexanone	9.51	43	1846	0.460	ug/l	71
74) N-amyl acetate	11.07	43	153391	25.564	ug/l #	51
76) 1,2,3-Trichloropropane	11.13	75	79996	23.763	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	79996	61.006	ug/l #	11
83) tert-Butylbenzene	11.77	119	16225	1.927	ug/l	89
85) sec-Butylbenzene	11.94	105	2412	0.240	ug/l #	58
86) p-Isopropyltoluene	12.23	119	50202	5.438	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	1109	0.237	ug/l #	1
89) n-Butylbenzene	12.37	91	2009	0.234	ug/l #	13
95) Naphthalene	13.83	128	2219	0.211	ug/l #	77

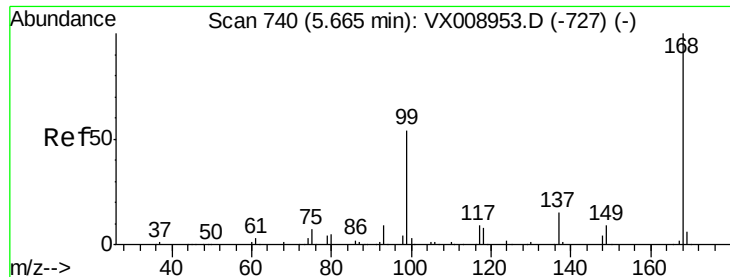
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041819\
Data File : VX009042.D
Acq On : 18 Apr 2019 14:34
Operator : JC/SP
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Quant Time: Apr 19 01:37:33 2019
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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

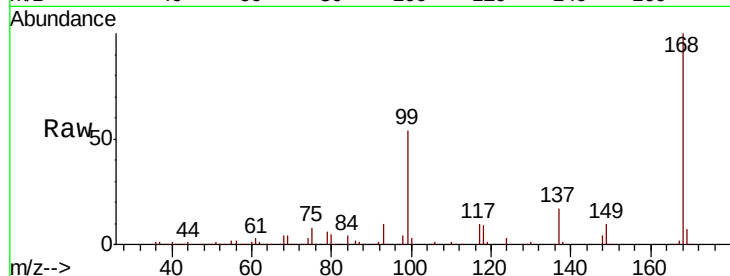
SS040MW015-190415

Tot Ion:168 Resp: 235562

Ion Ratio Lower Upper

168 100

99 54.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

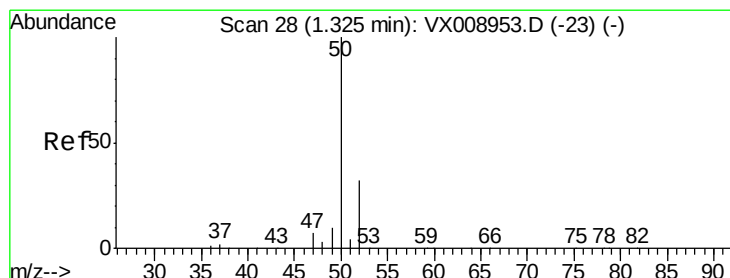
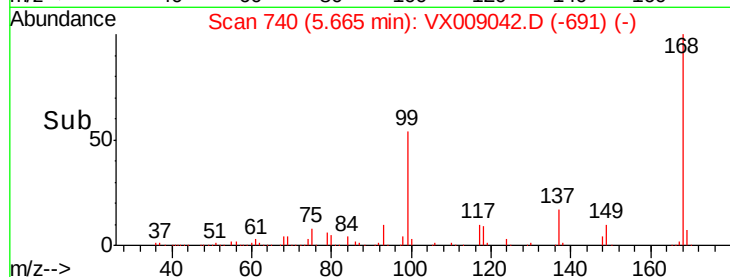
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.274 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009042.D

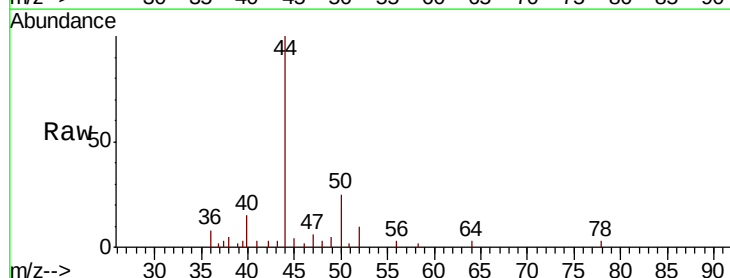
Acq: 18 Apr 2019 14:34

Tgt Ion: 50 Resp: 914

Ion Ratio Lower Upper

50 100

52 37.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

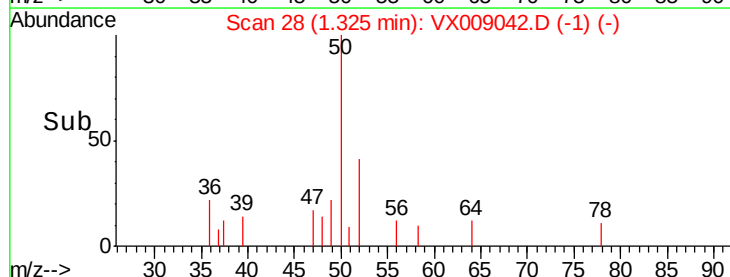
600

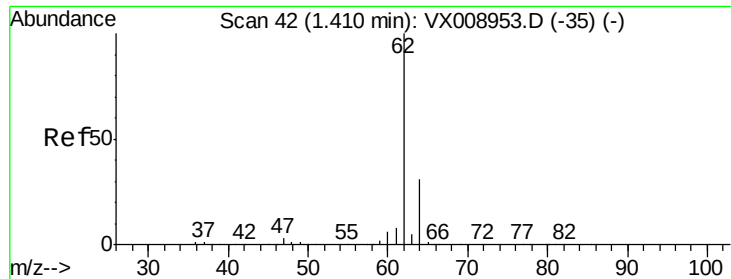
400

200

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 0.310 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

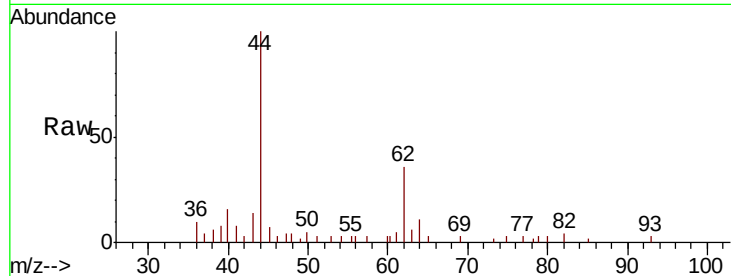
SS040MW015-190415

Tot Ion: 62 Resp: 1006

Ion Ratio Lower Upper

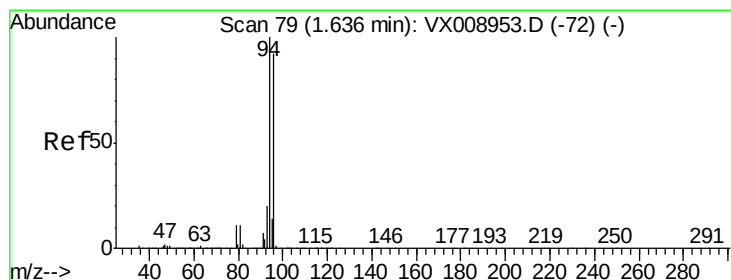
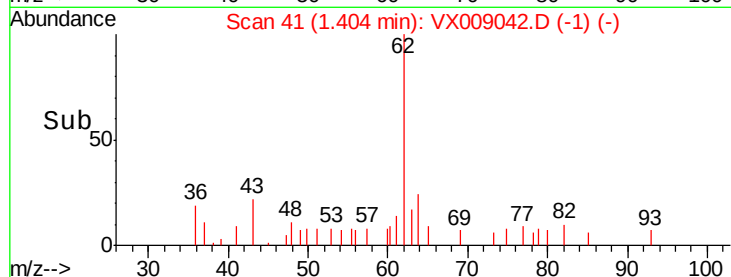
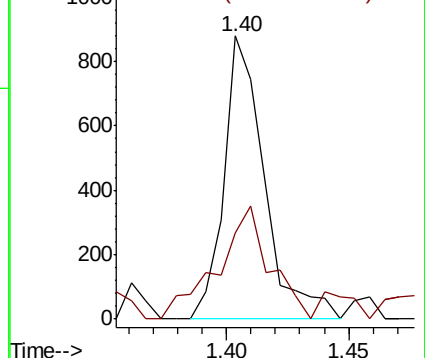
62 100

64 22.3 25.0 37.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 3.909 ug/l

RT: 1.62 min Scan# 76

Delta R.T. -0.02 min

Lab File: VX009042.D

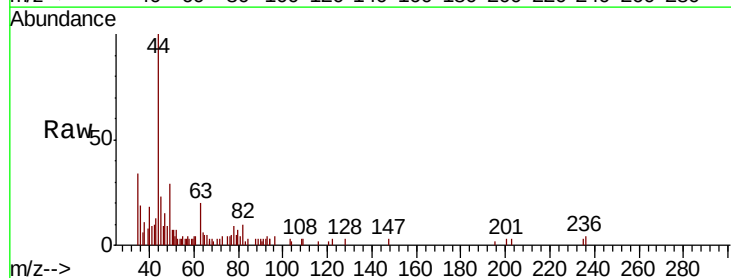
Acq: 18 Apr 2019 14:34

Tgt Ion: 94 Resp: 133

Ion Ratio Lower Upper

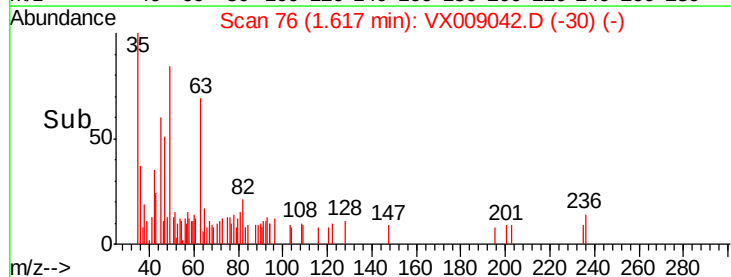
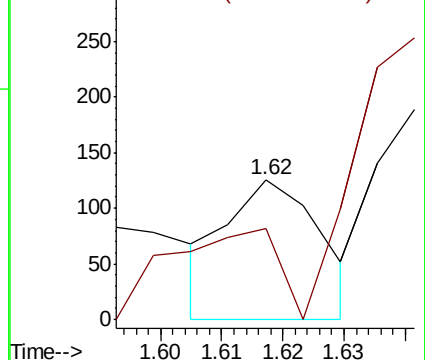
94 100

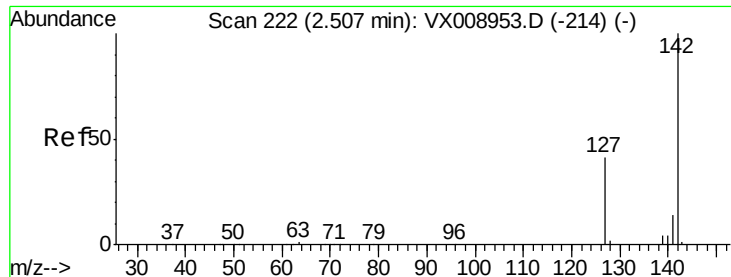
96 28.4 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

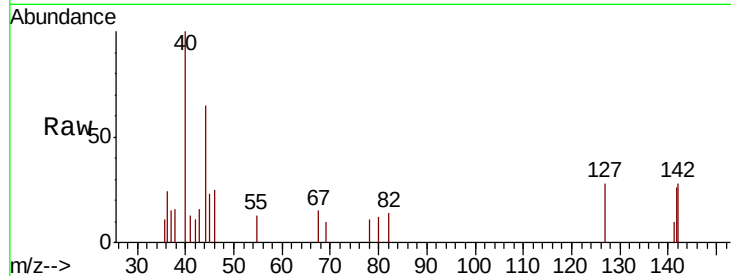




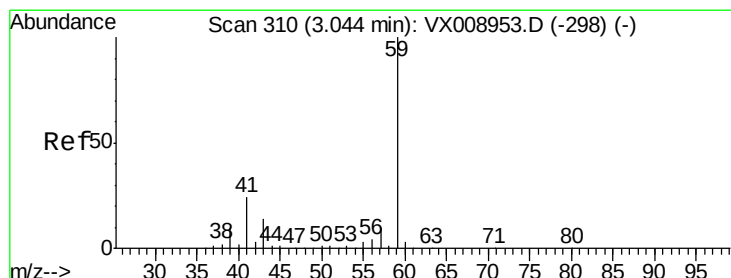
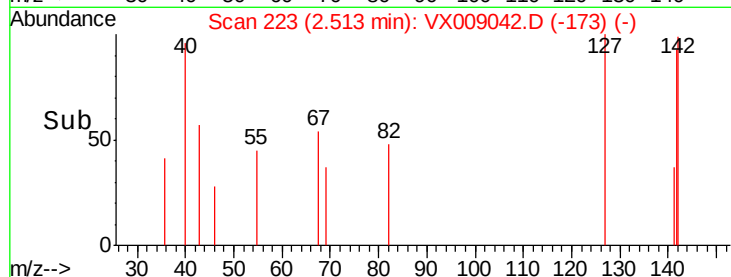
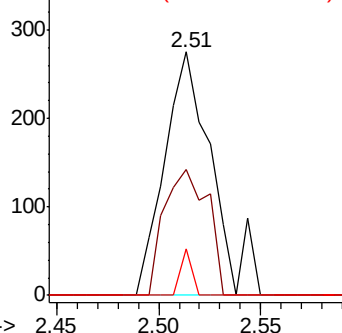
#10
Methvl Iodide
Concen: 4.567 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
SS040MW015-190415

Tot Ion:142 Resp: 443
Ion Ratio Lower Upper
142 100
127 47.6 32.8 49.2
141 4.3 11.4 17.2#

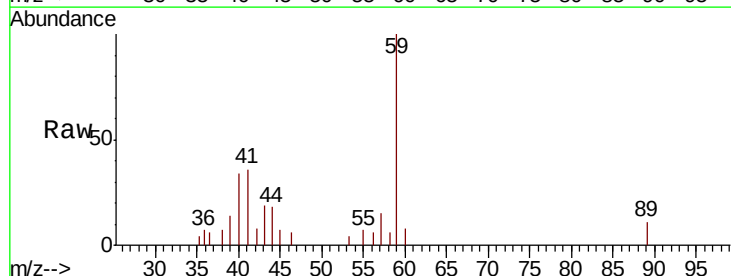


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

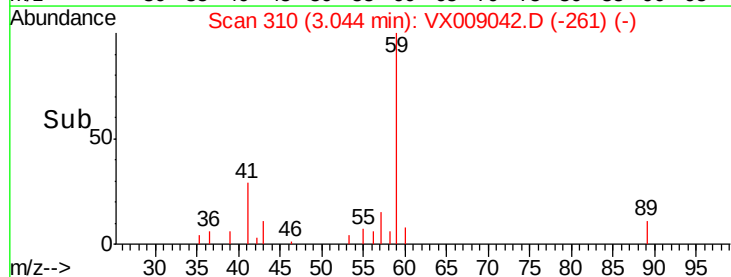
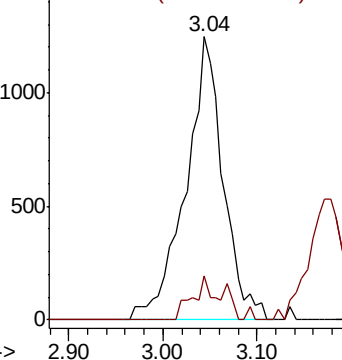


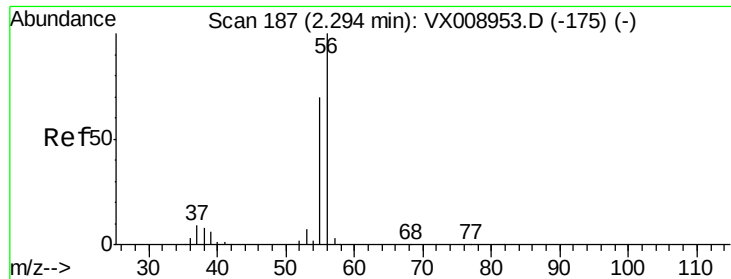
#11
Tert butyl alcohol
Concen: 4.708 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.00 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Tgt Ion: 59 Resp: 3469
Ion Ratio Lower Upper
59 100
57 8.7 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.543 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

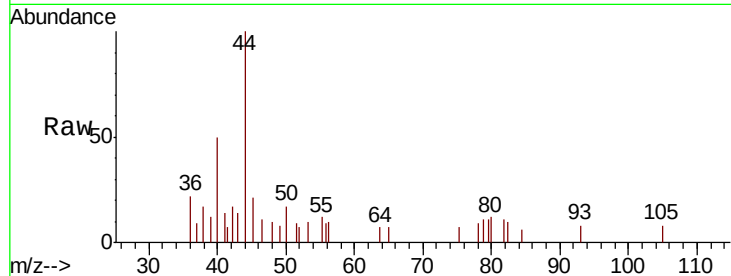
SS040MW015-190415

Tot Ion: 56 Resp: 346

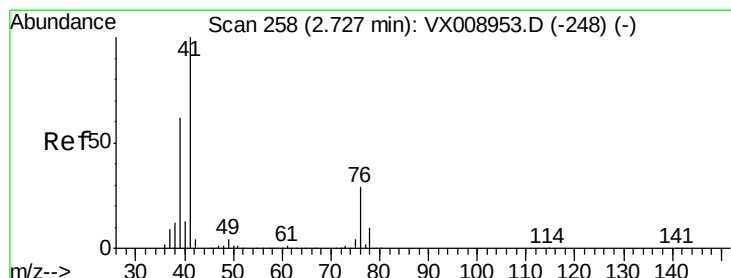
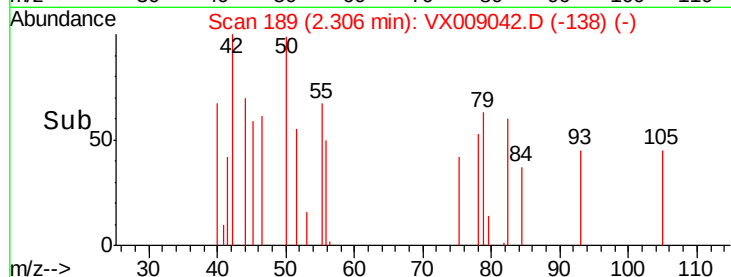
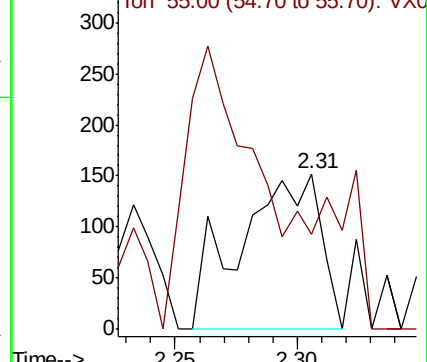
Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0



#14

Allyl chloride

Concen: 3.645 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

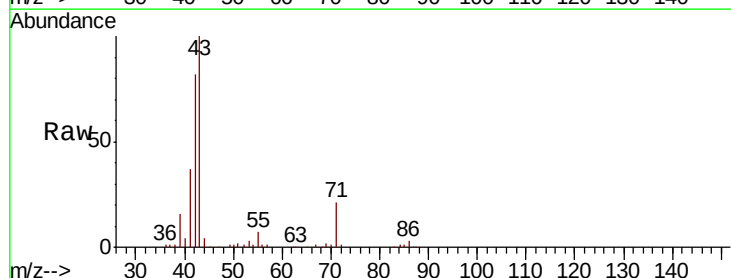
Tgt Ion: 41 Resp: 20089

Ion Ratio Lower Upper

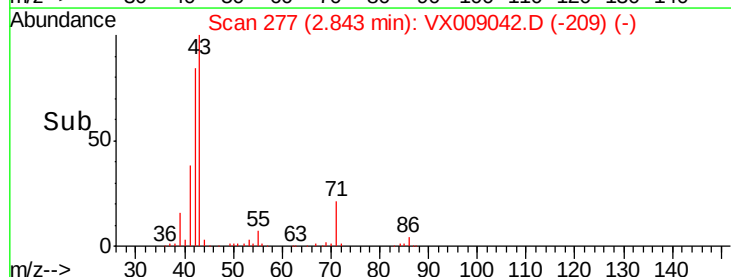
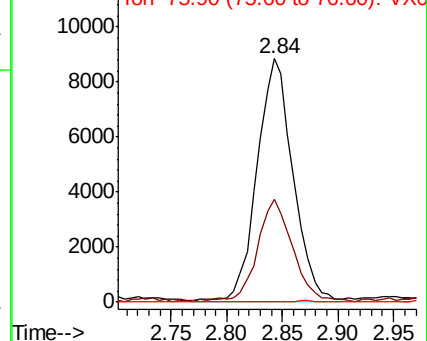
41 100

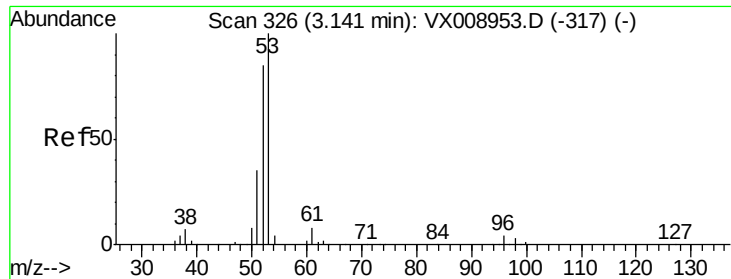
39 42.2 46.7 70.1#

76 0.0 22.0 33.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0





#15

Acrylonitrile

Concen: 0.208 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

SS040MW015-190415

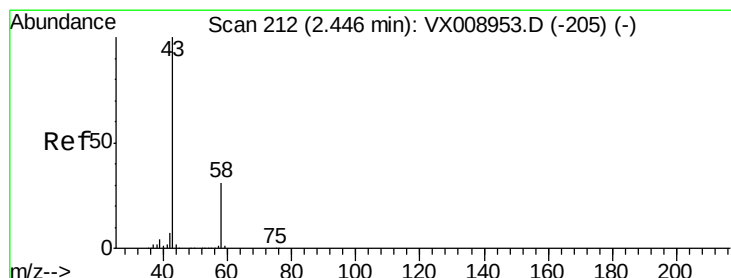
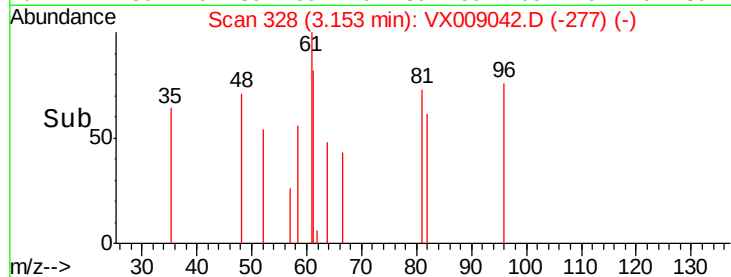
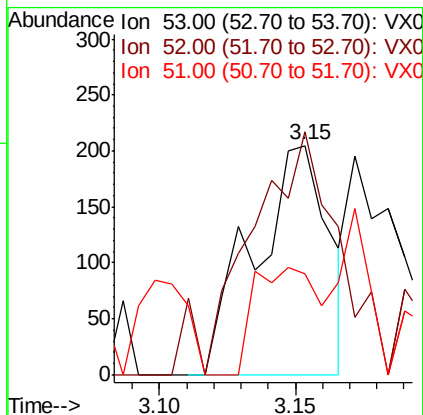
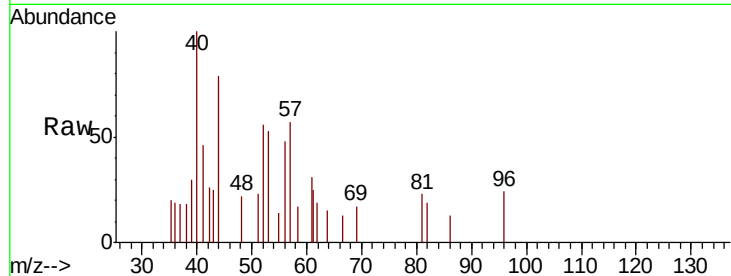
Tot Ion: 53 Resp: 389

Ion Ratio Lower Upper

53 100

52 126.2 66.6 100.0#

51 39.6 28.3 42.5



#16

Acetone

Concen: 1.818 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009042.D

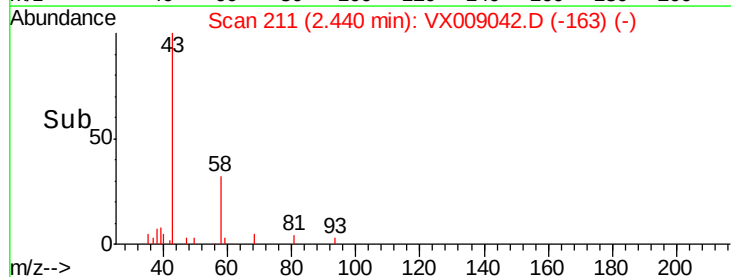
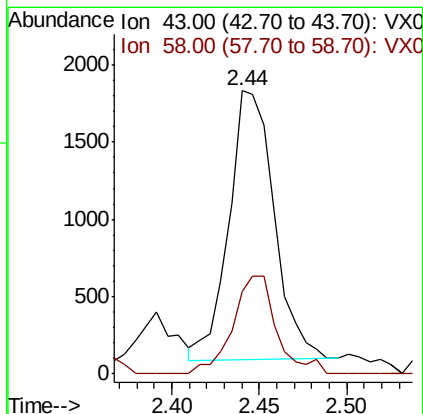
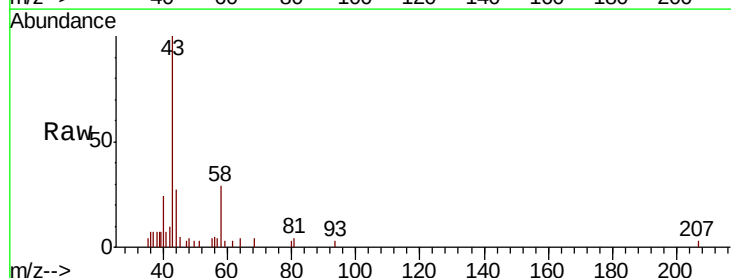
Acq: 18 Apr 2019 14:34

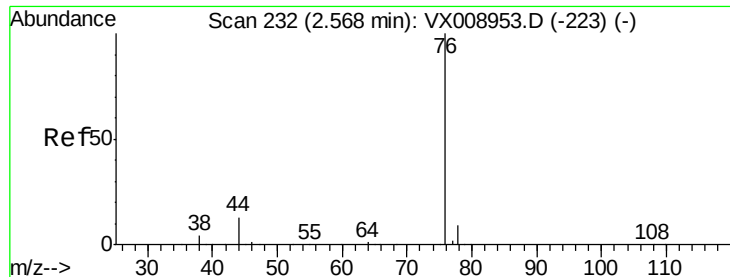
Tgt Ion: 43 Resp: 3129

Ion Ratio Lower Upper

43 100

58 30.7 24.8 37.2





#17

Carbon Disulfide

Concen: 1.449 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

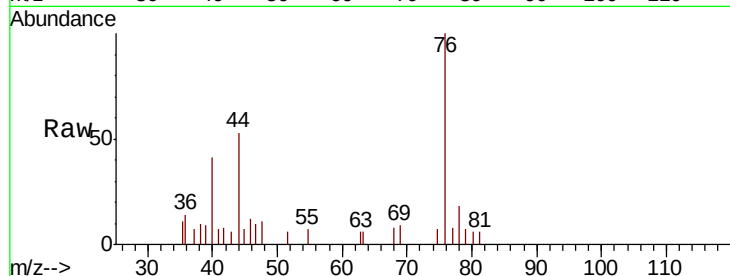
SS040MW015-190415

Tot Ion: 76 Resp: 1497

Ion Ratio Lower Upper

76 100

78 18.2 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

800

600

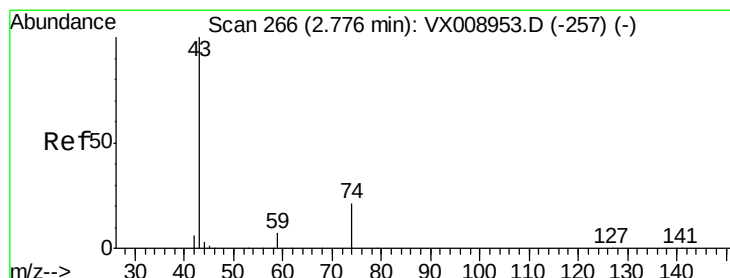
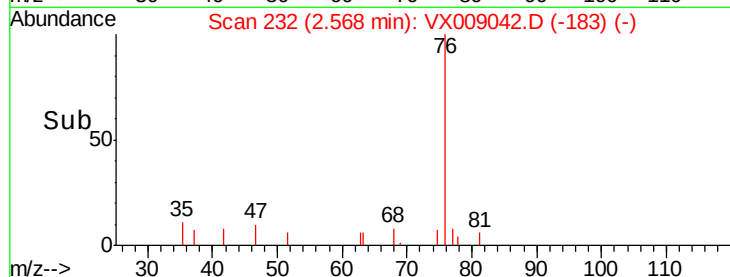
400

200

0

Time-->

2.50 2.55 2.60



#18

Methyl Acetate

Concen: 11.599 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX009042.D

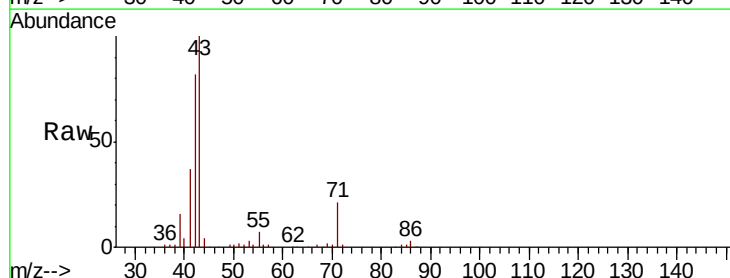
Acq: 18 Apr 2019 14:34

Tgt Ion: 43 Resp: 49836

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.84

25000

20000

15000

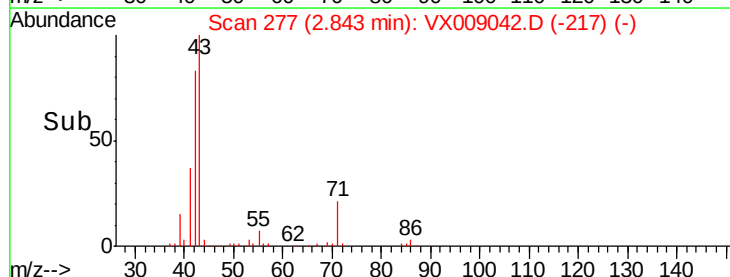
10000

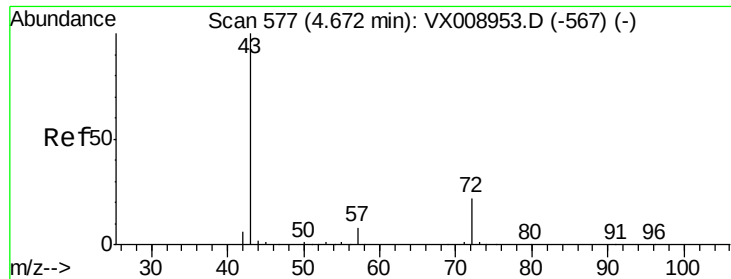
5000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#25

2-Butanone

Concen: 0.243 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.04 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

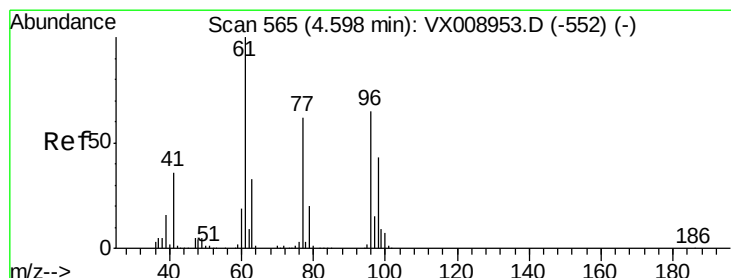
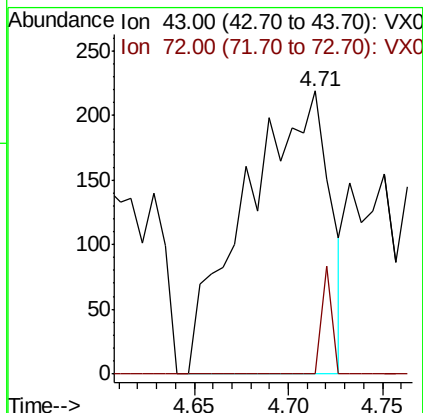
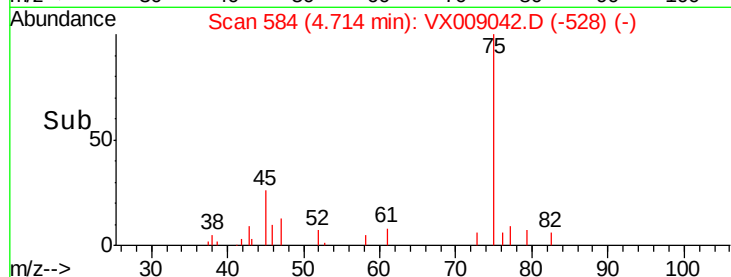
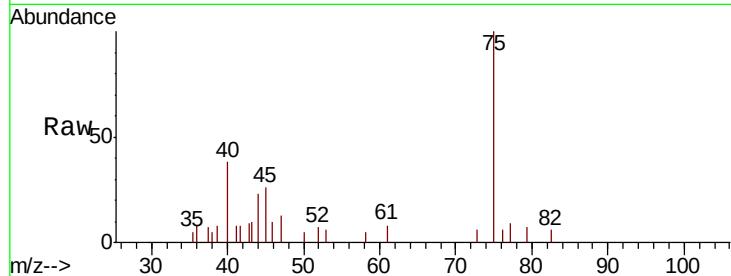
SS040MW015-190415

Tot Ion: 43 Resp: 670

Ion Ratio Lower Upper

43 100

72 0.0 17.5 26.3#



#27

cis-1,2-Dichloroethene

Concen: 0.719 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

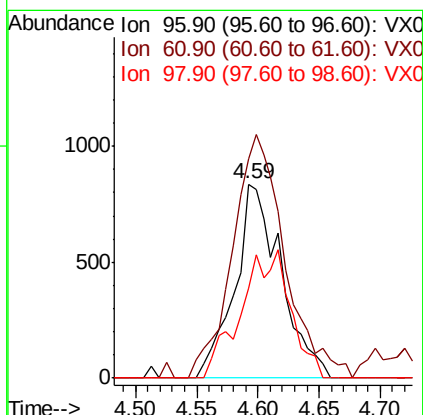
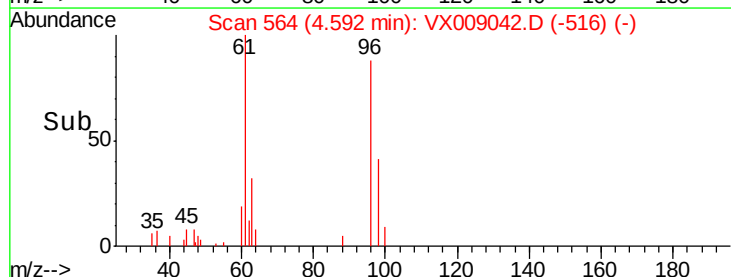
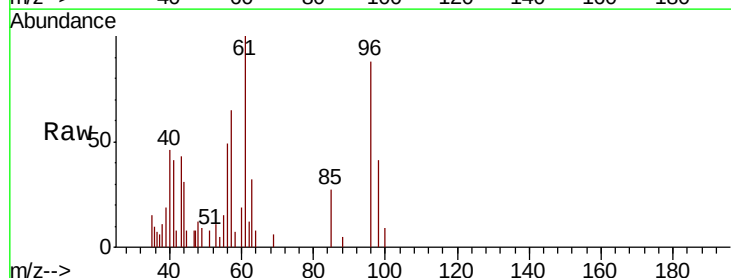
Tgt Ion: 96 Resp: 2199

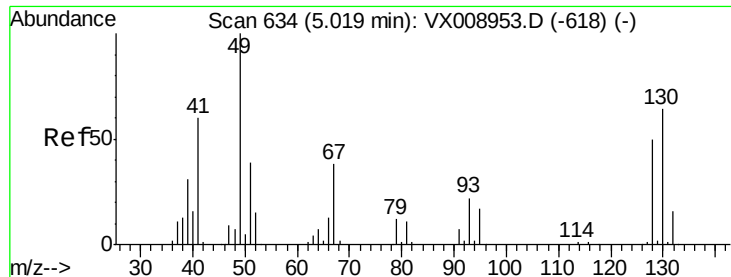
Ion Ratio Lower Upper

96 100

61 142.4 0.0 322.0

98 0.0 0.0 128.4





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

SS040MW015-190415

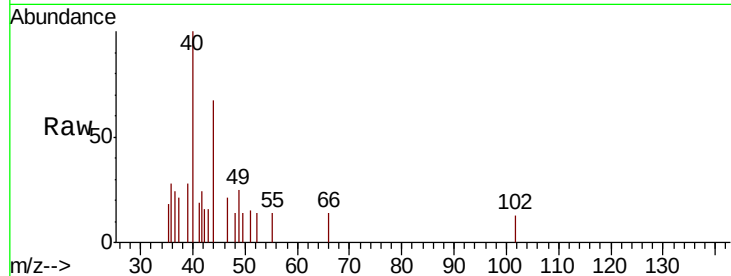
Tot Ion: 49 Resp: 138

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

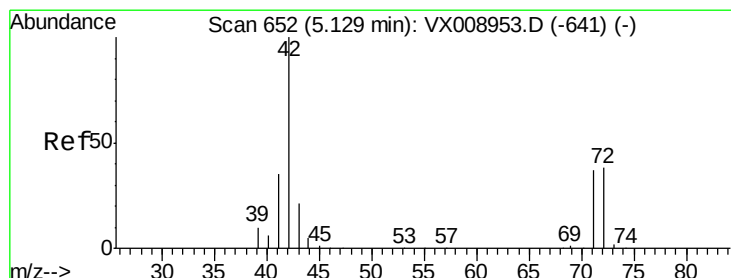
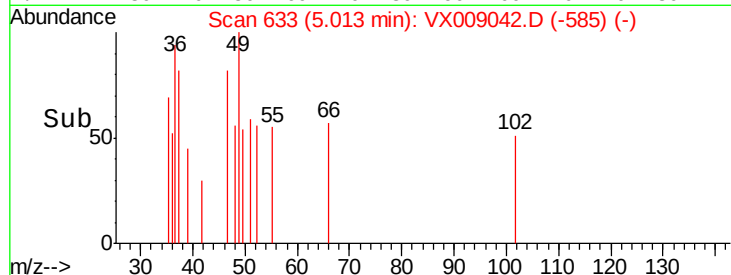
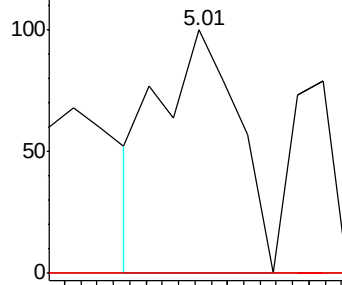
130 0.0 50.4 75.6#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.290 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

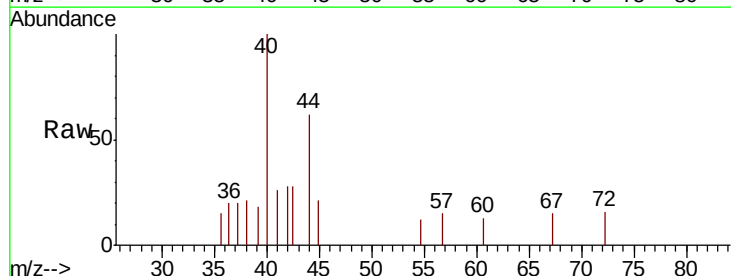
Tgt Ion: 42 Resp: 535

Ion Ratio Lower Upper

42 100

72 9.0 30.6 45.8#

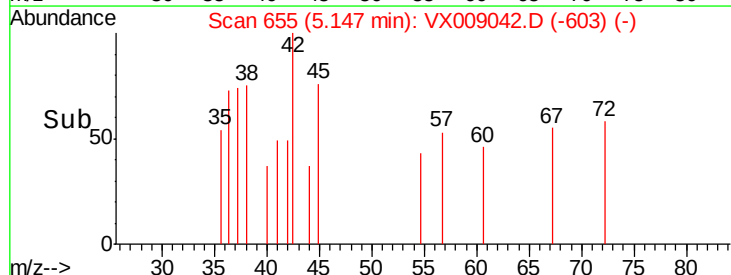
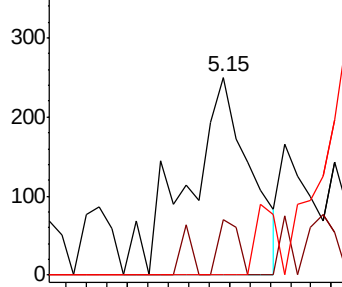
71 0.0 28.8 43.2#

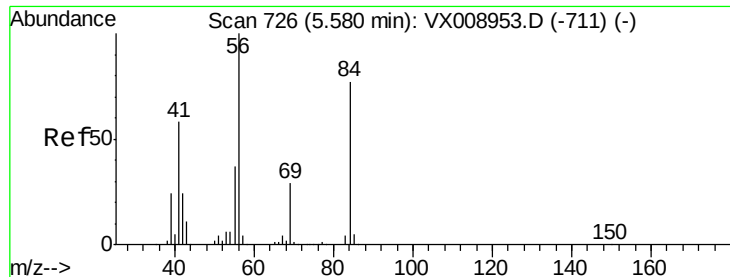


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

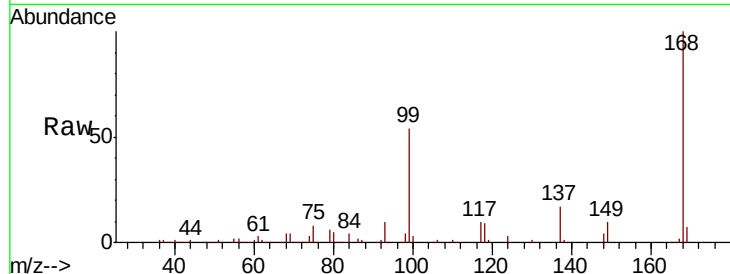




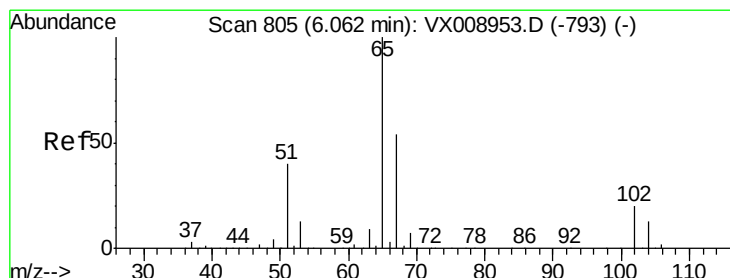
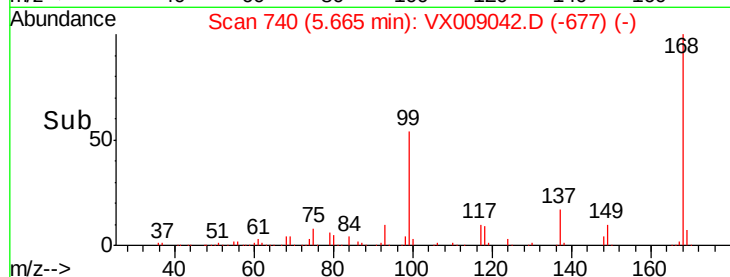
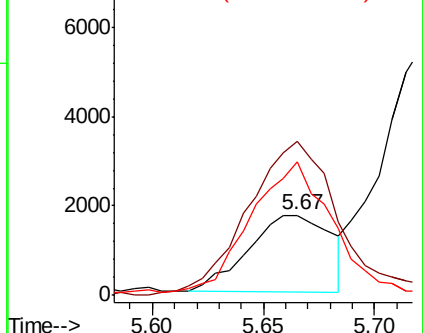
#31
Cyclohexane
Concen: 0.840 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
SS040MW015-190415

Tot Ion: 56 Resp: 4444
Ion Ratio Lower Upper
56 100
69 189.4 23.3 34.9#
84 165.0 61.7 92.5#

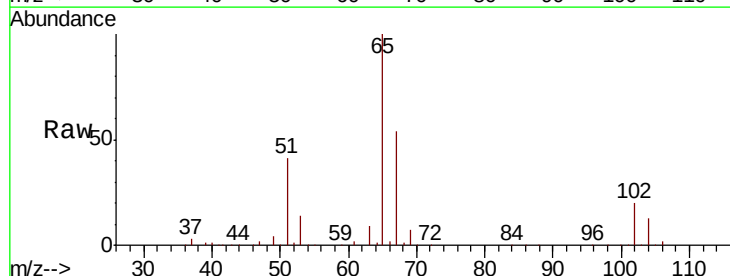


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

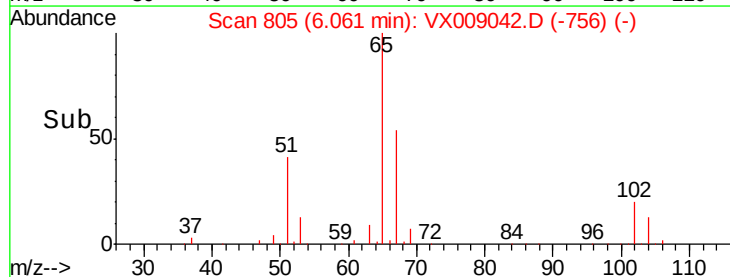
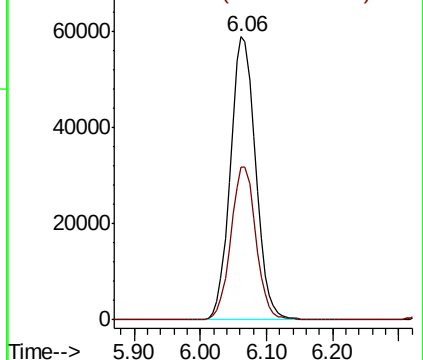


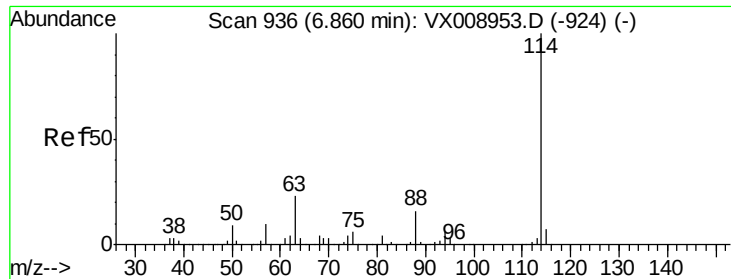
#33
1,2-Dichloroethane-d4
Concen: 47.041 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Tgt Ion: 65 Resp: 156163
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

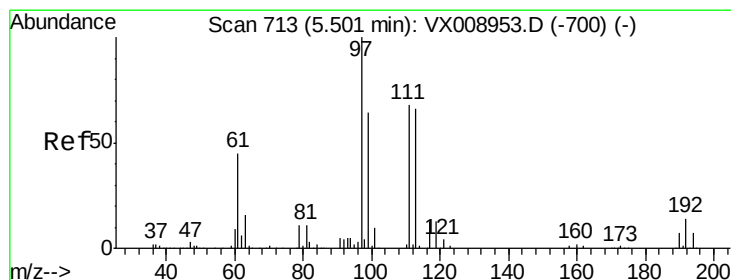
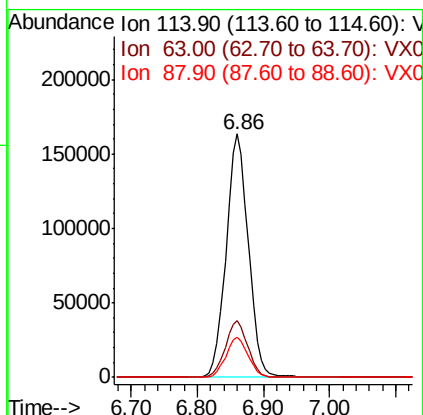
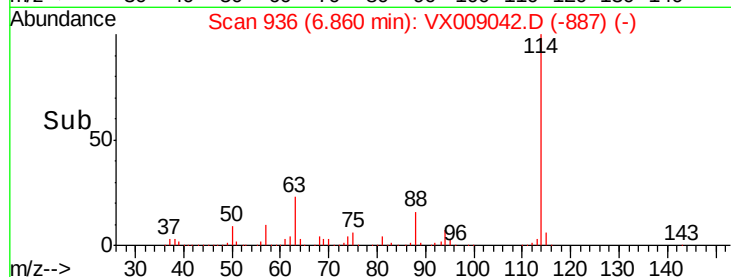
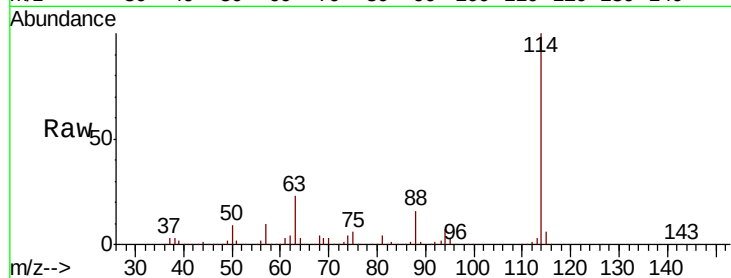




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009042.D
 Acq: 18 Apr 2019 14:34

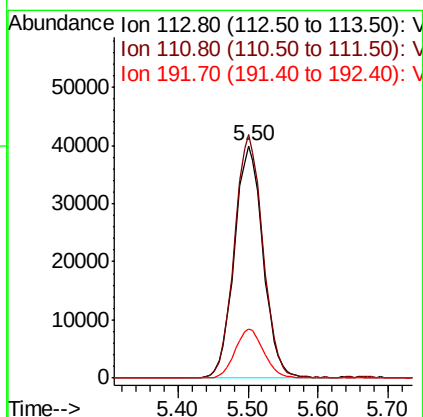
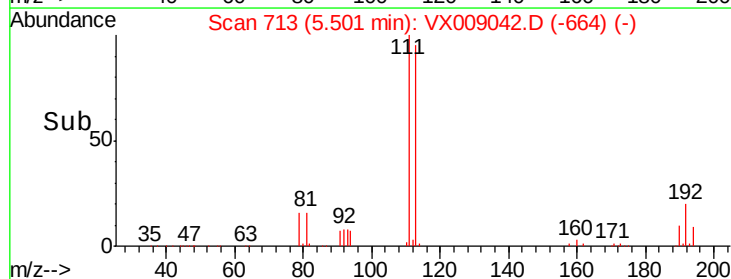
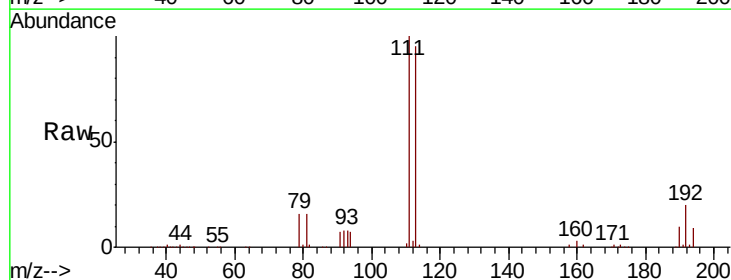
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW015-190415

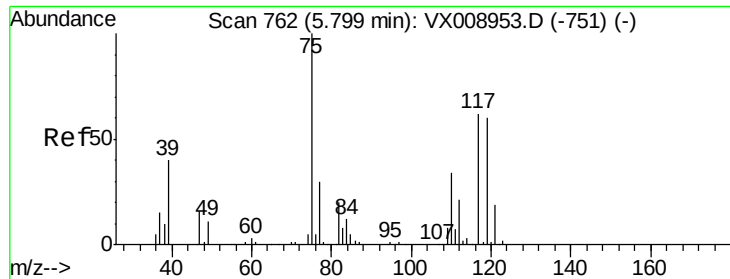
Tot Ion:114 Resp: 380616
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.0
 88 16.3 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 46.480 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009042.D
 Acq: 18 Apr 2019 14:34

Tgt Ion:113 Resp: 113538
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.9 124.3
 192 21.2 17.4 26.0

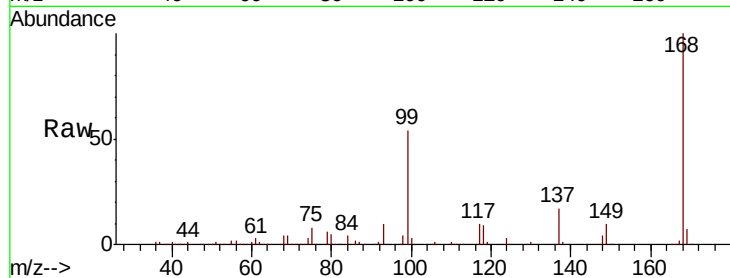




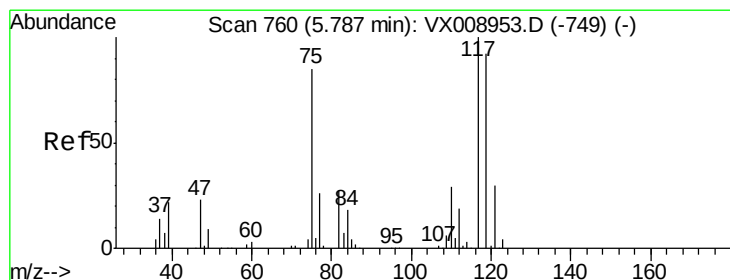
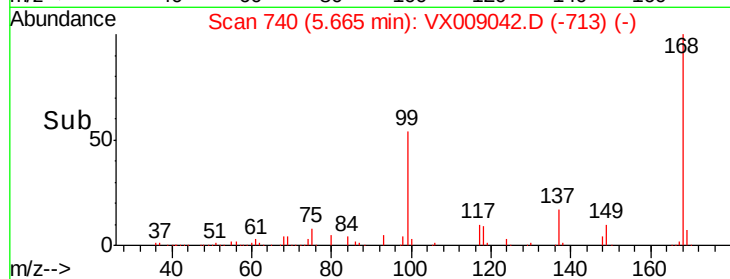
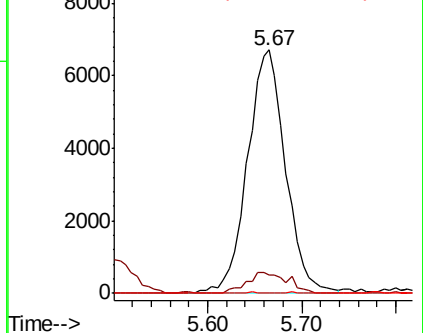
#36
 1,1-Dichloropropene
 Concen: 4.808 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX009042.D
 Acq: 18 Apr 2019 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW015-190415

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.9	50.7#
77	0.1	25.0	37.4#

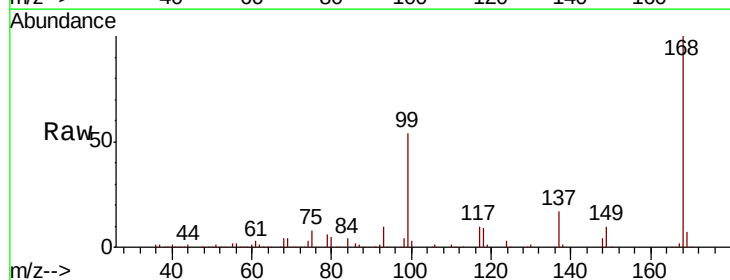


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

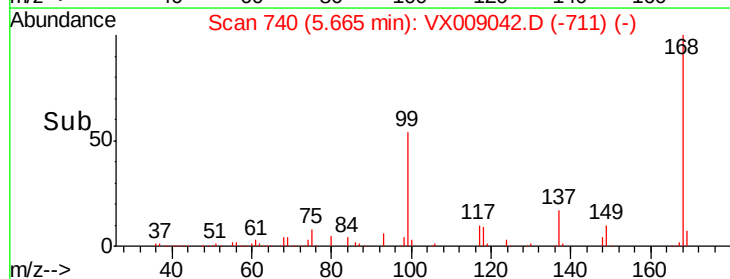
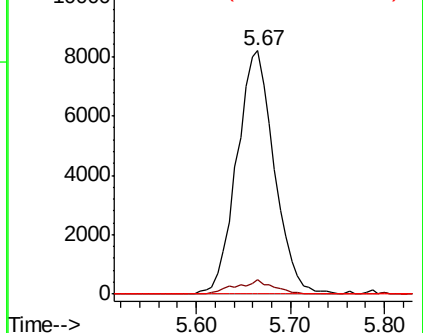


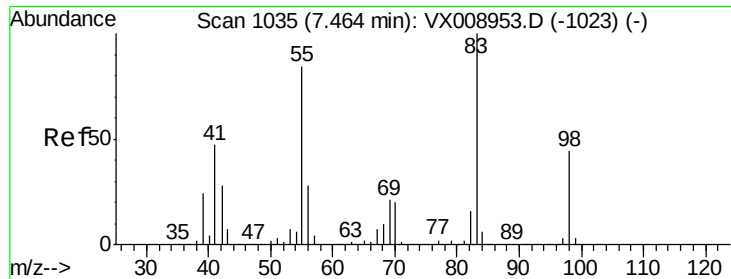
#38
 Carbon Tetrachloride
 Concen: 6.802 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX009042.D
 Acq: 18 Apr 2019 14:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	73.8	110.8#
121	0.0	23.6	35.4#



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

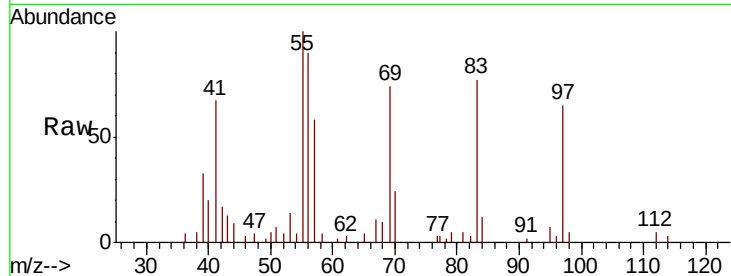




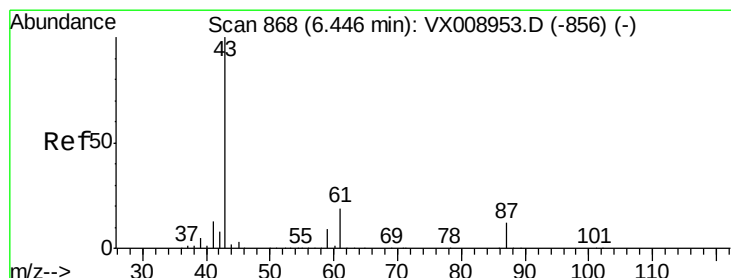
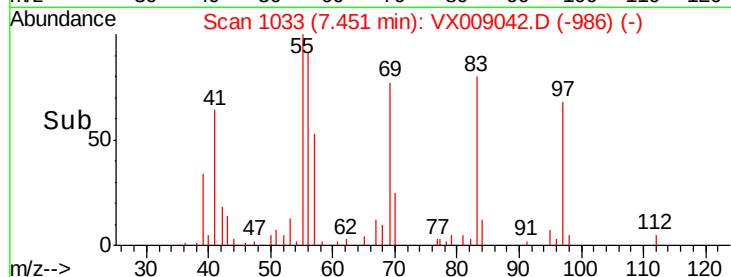
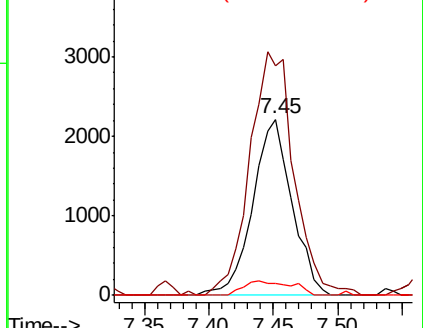
#39
Methylvlcyclohexane
Concen: 0.977 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
SS040MW015-190415

Tot Ion: 83 Resp: 4684
Ion Ratio Lower Upper
83 100
55 126.2 67.1 100.7#
98 6.8 35.1 52.7#

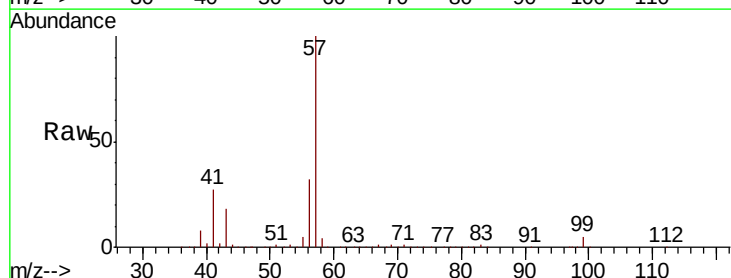


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

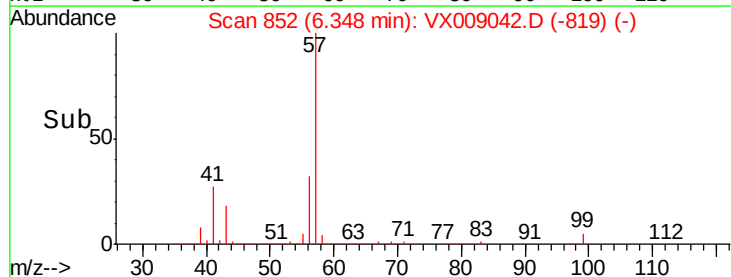
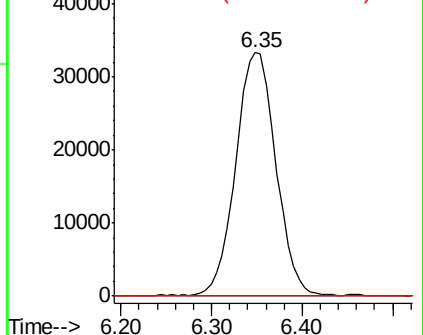


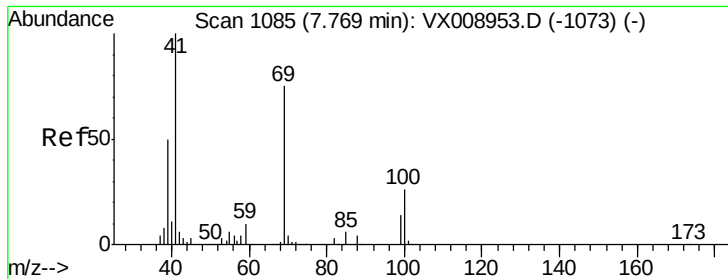
#43
Isopropyl Acetate
Concen: 12.436 ug/l
RT: 6.35 min Scan# 852
Delta R.T. -0.10 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Tgt Ion: 43 Resp: 101510
Ion Ratio Lower Upper
43 100
61 0.1 15.4 23.0#
87 0.0 9.0 13.4#



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

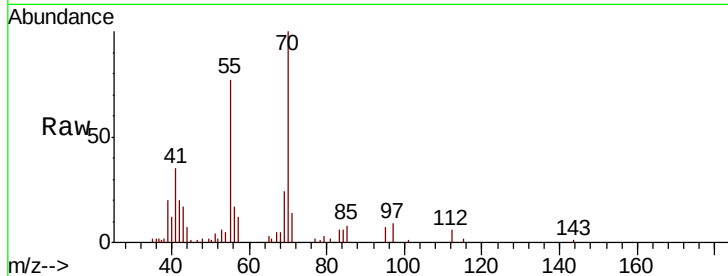




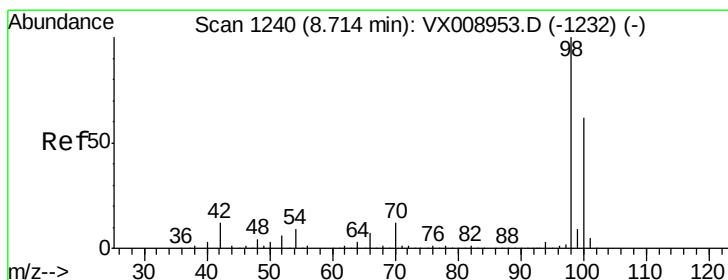
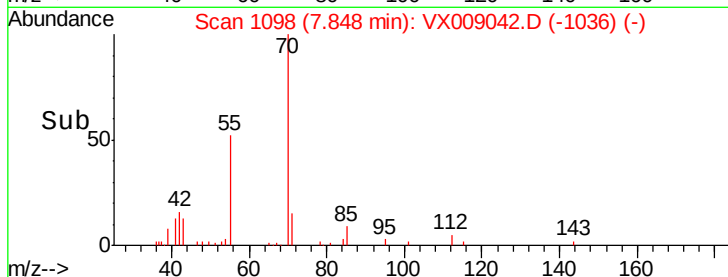
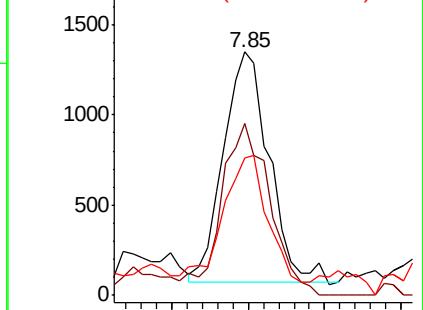
#48
Methvl methacrylate
Concen: 0.654 ug/l
RT: 7.85 min Scan# 1098
Delta R.T. 0.08 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
SS040MW015-190415

Tot Ion: 41 Resp: 2636
Ion Ratio Lower Upper
41 100
69 79.8 59.4 89.2
39 53.5 39.8 59.6

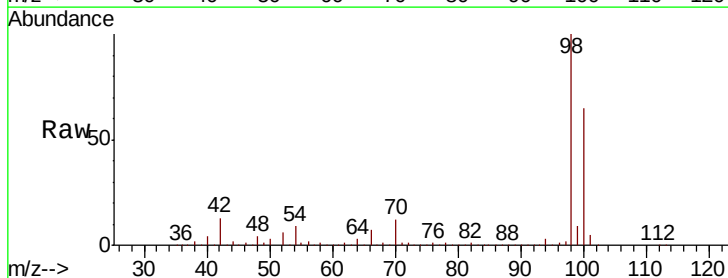


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

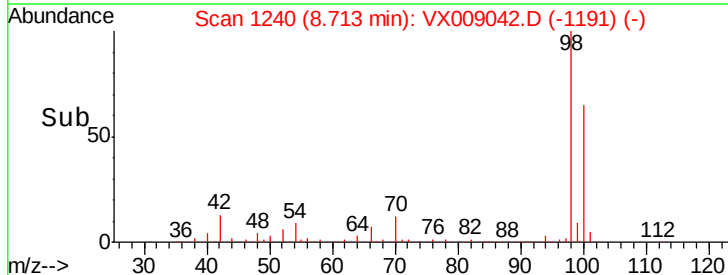
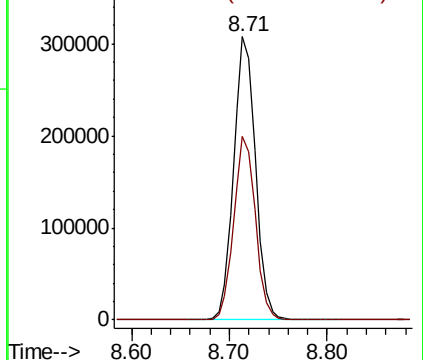


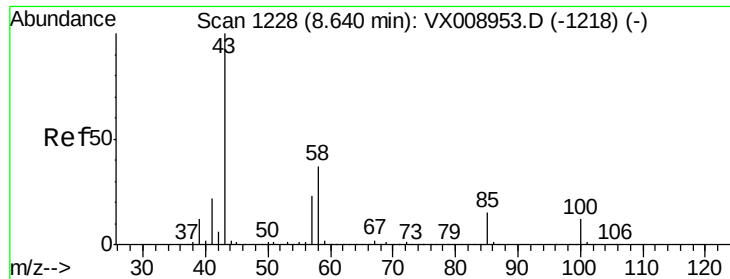
#50
Toluene-d8
Concen: 48.959 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Tgt Ion: 98 Resp: 476937
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2



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





#51

4-Methyl-2-Pentanone

Concen: 1.833 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.04 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

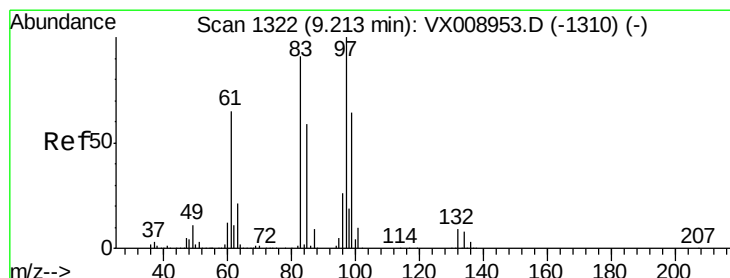
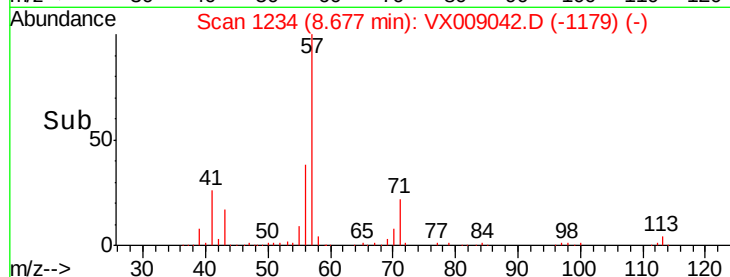
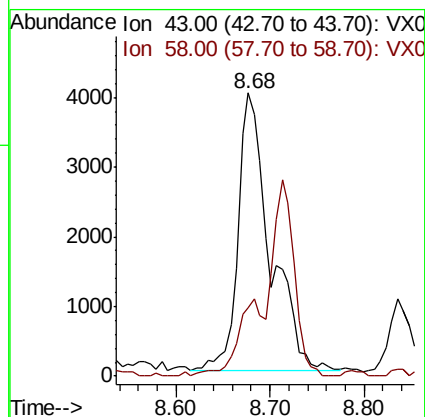
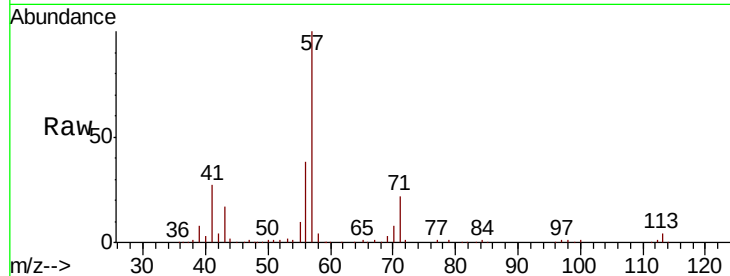
SS040MW015-190415

Tot Ion: 43 Resp: 9533

Ion Ratio Lower Upper

43 100

58 22.9 29.8 44.6#



#55

1,1,2-Trichloroethane

Concen: 0.911 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Tgt Ion: 97 Resp: 2512

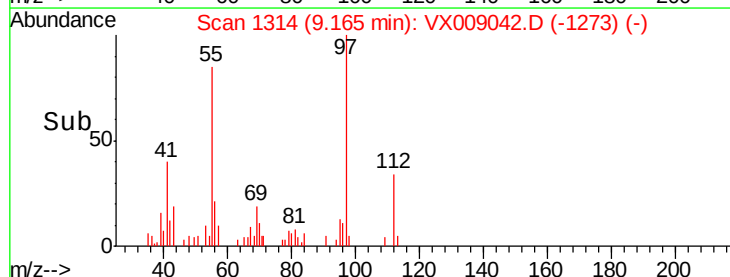
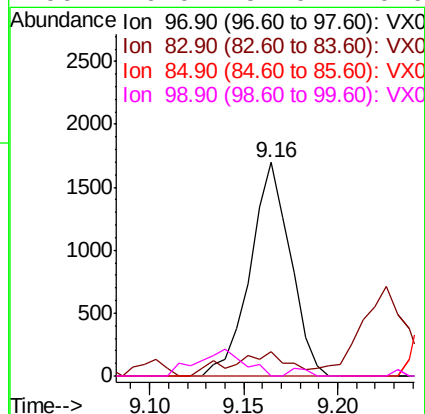
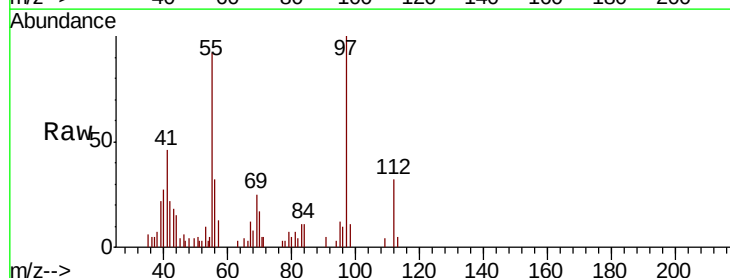
Ion Ratio Lower Upper

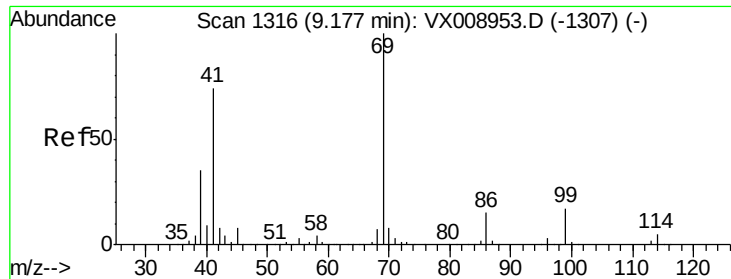
97 100

83 11.4 72.6 108.8#

85 0.0 46.9 70.3#

99 0.0 51.0 76.6#





#56

Ethyl methacrylate

Concen: 0.209 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleID :

SS040MW015-190415

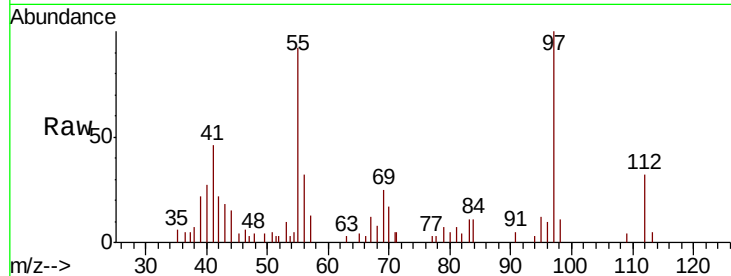
Tot Ion: 69.00 Resp: 1032

Ion Ratio Lower Upper

69 100

41 144.9 60.2 90.2#

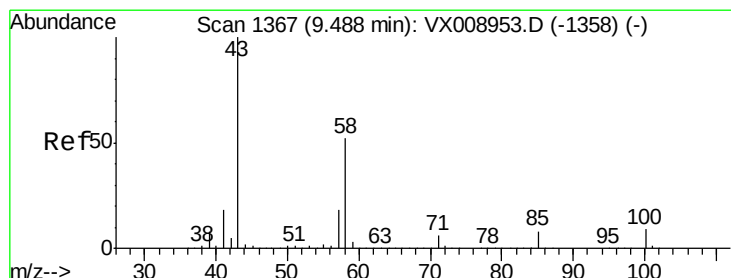
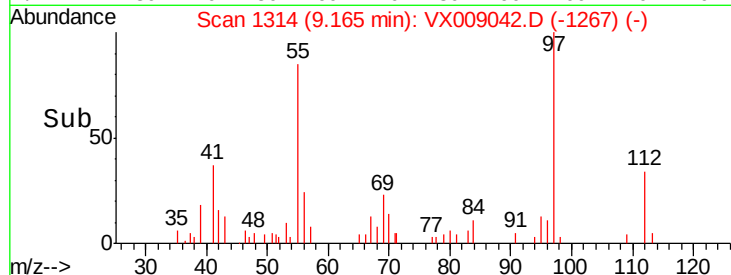
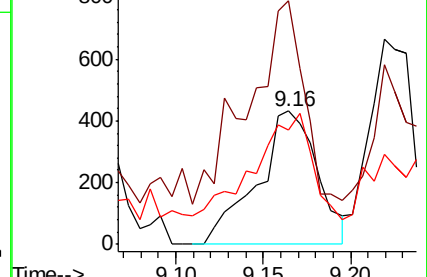
39 84.4 27.9 41.9#



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: 0.460 ug/l

RT: 9.51 min Scan# 1370

Delta R.T. 0.02 min

Lab File: VX009042.D

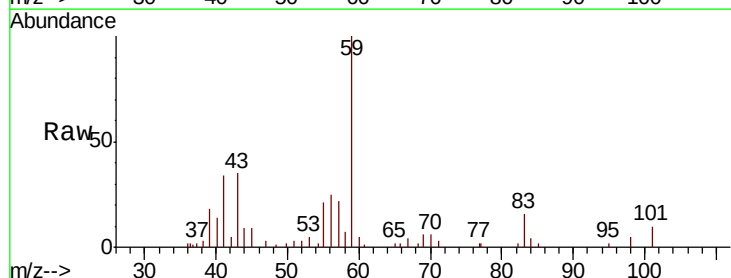
Acq: 18 Apr 2019 14:34

Tgt Ion: 43 Resp: 1846

Ion Ratio Lower Upper

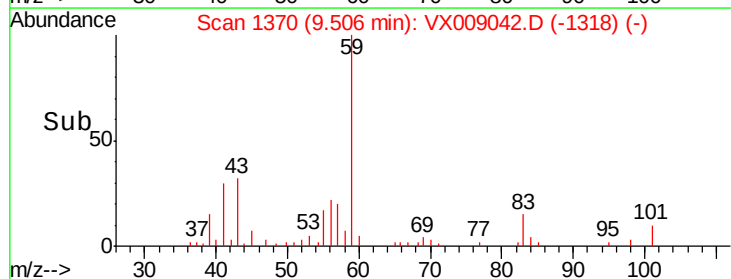
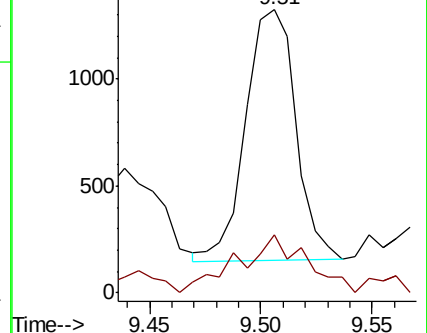
43 100

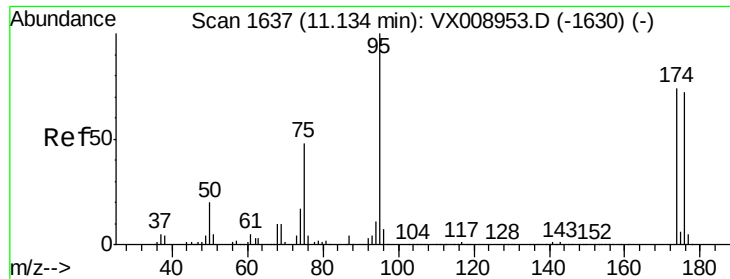
58 31.3 25.9 77.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.841 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

SS040MW015-190415

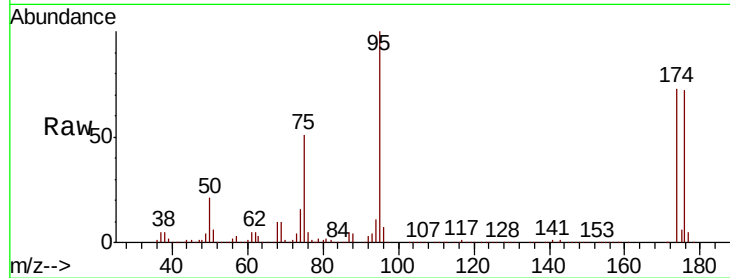
Tot Ion: 95 Resp: 157639

Ion Ratio Lower Upper

95 100

174 78.3 0.0 159.6

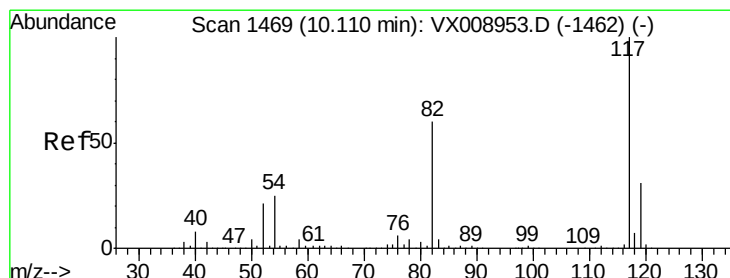
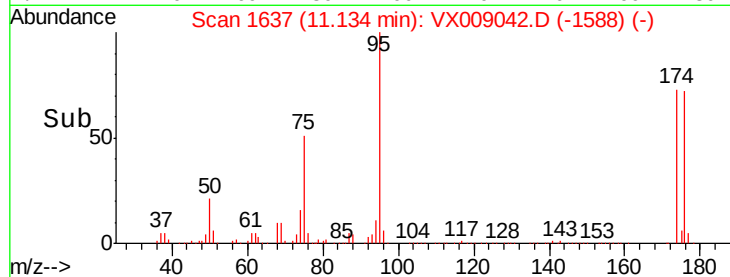
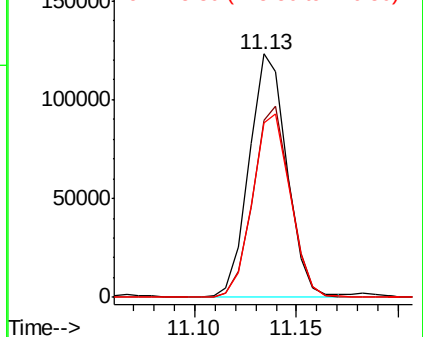
176 76.5 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

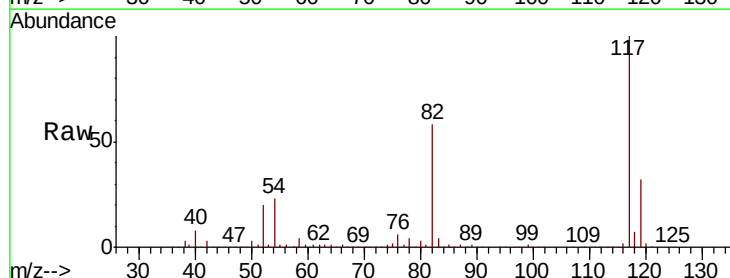
Tgt Ion: 117 Resp: 326939

Ion Ratio Lower Upper

117 100

82 57.7 48.2 72.4

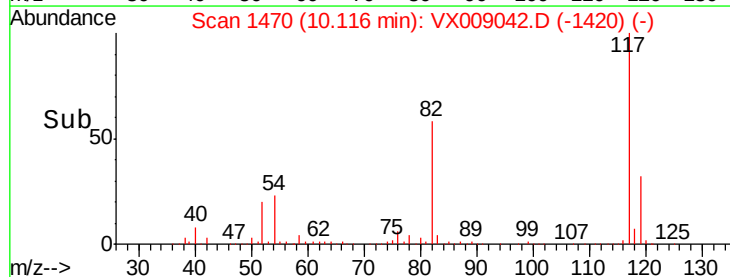
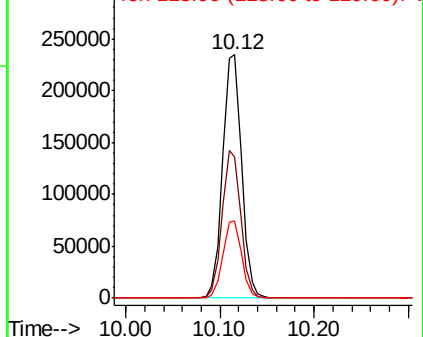
119 31.9 25.0 37.6

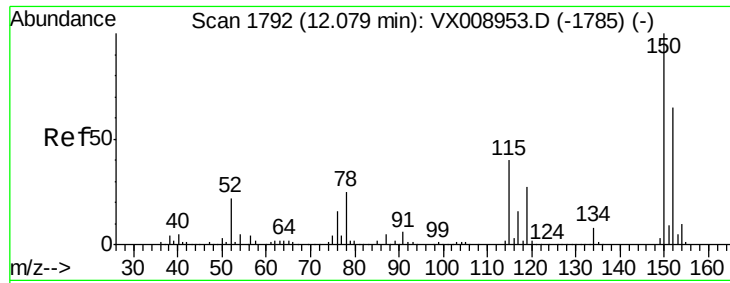


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



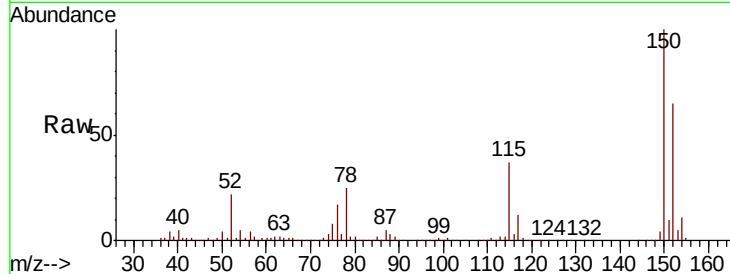


#72

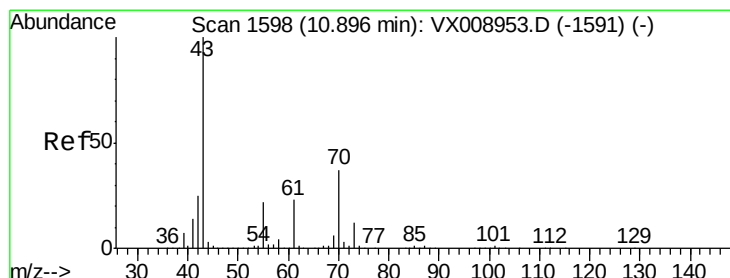
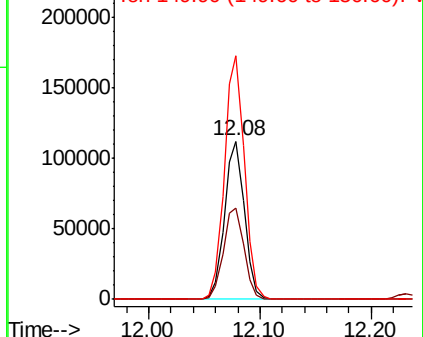
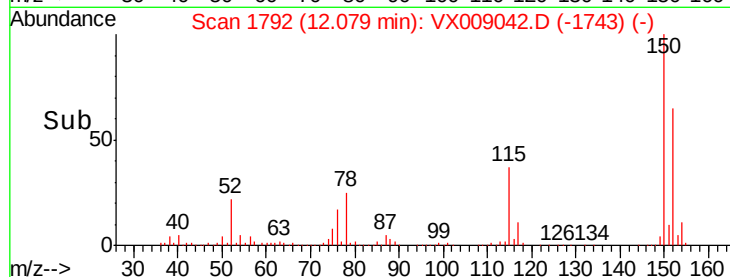
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
SS040MW015-190415

Tot Ion:152 Resp: 137867
Ion Ratio Lower Upper
152 100
115 60.2 41.4 124.2
150 154.8 0.0 349.8



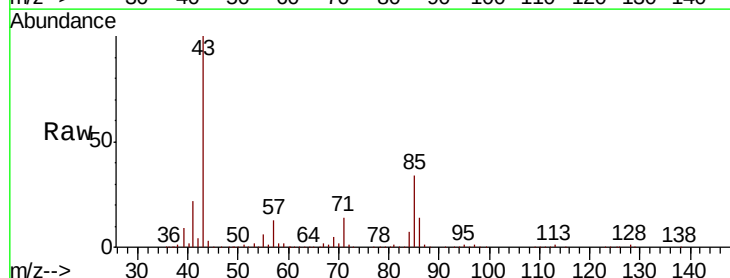
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



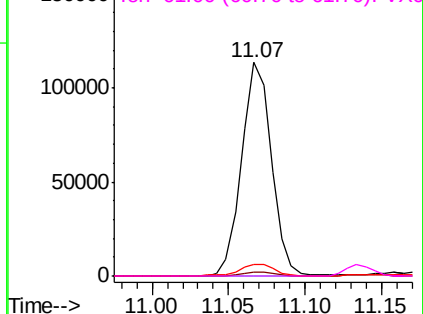
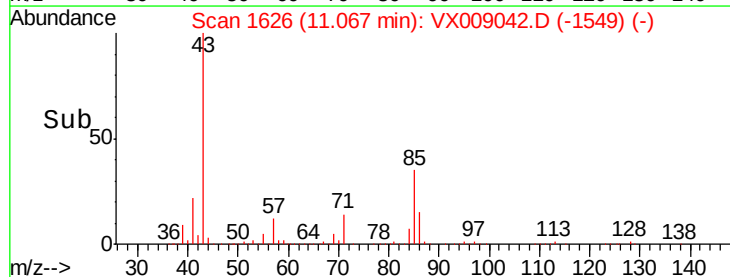
#74

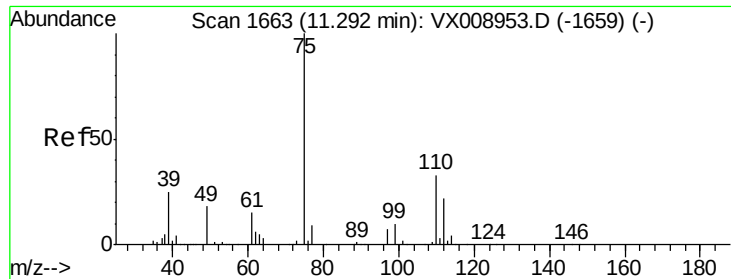
N-ethyl acetate
Concen: 25.564 ug/l
RT: 11.07 min Scan# 1626
Delta R.T. 0.17 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Tgt Ion: 43 Resp: 153391
Ion Ratio Lower Upper
43 100
70 2.2 29.9 44.9#
55 6.1 17.8 26.8#
61 0.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 23.763 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

Instrument :

MSVOA_X

ClientSampleId :

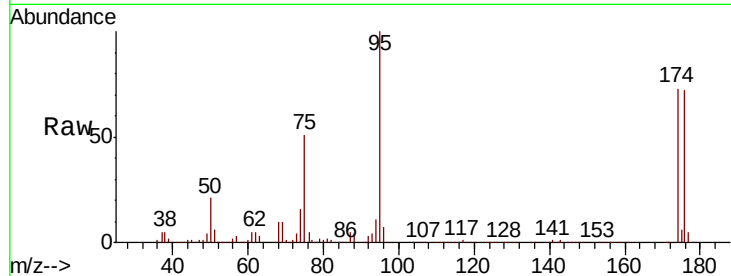
SS040MW015-190415

Tot Ion: 75 Resp: 79996

Ion Ratio Lower Upper

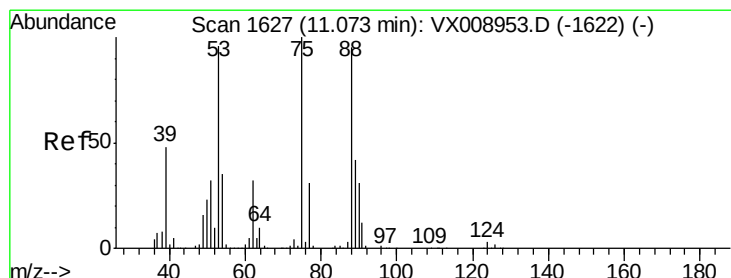
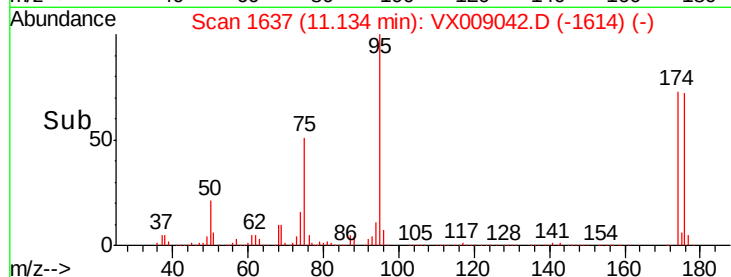
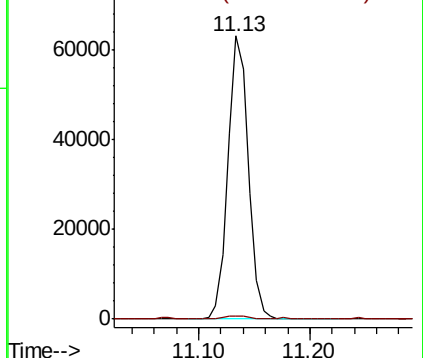
75 100

77 1.1 22.7 68.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 61.006 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009042.D

Acq: 18 Apr 2019 14:34

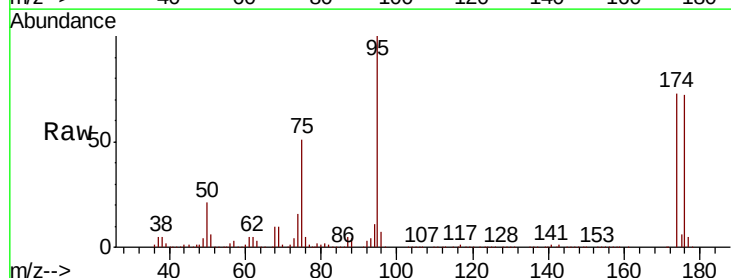
Tgt Ion: 75 Resp: 79996

Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.4#

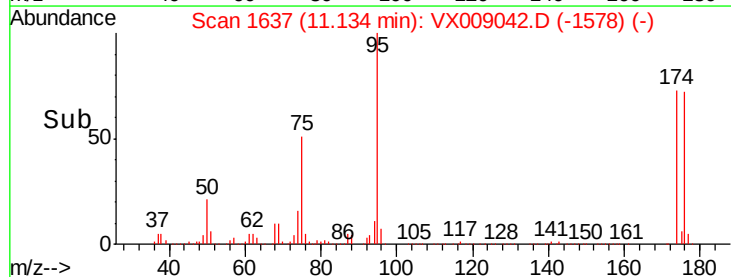
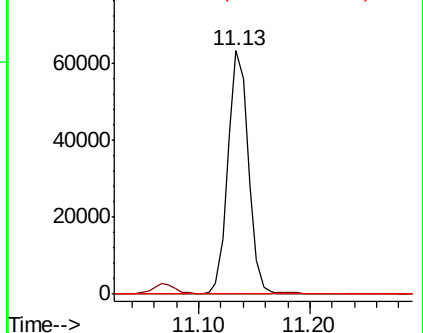
89 0.0 36.0 54.0#

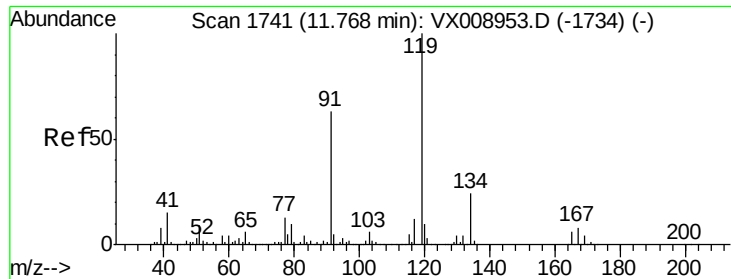


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

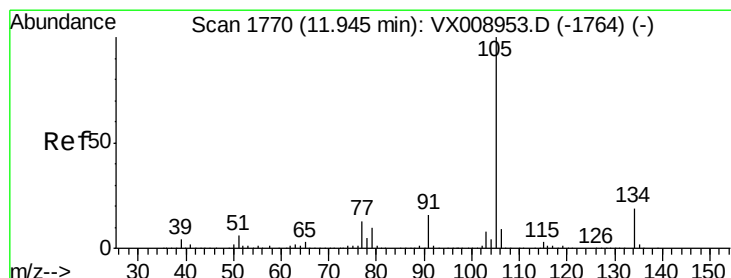
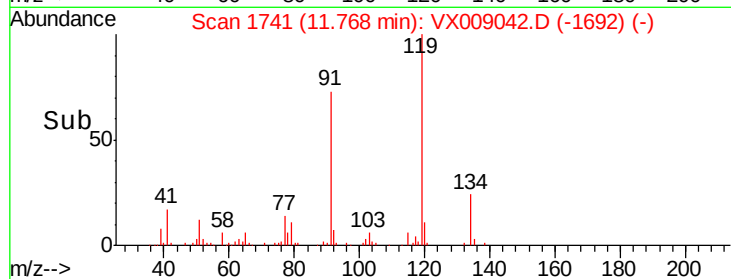
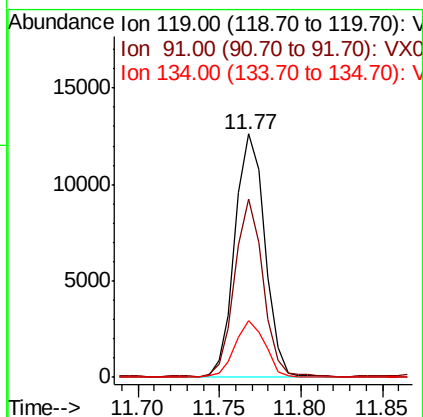
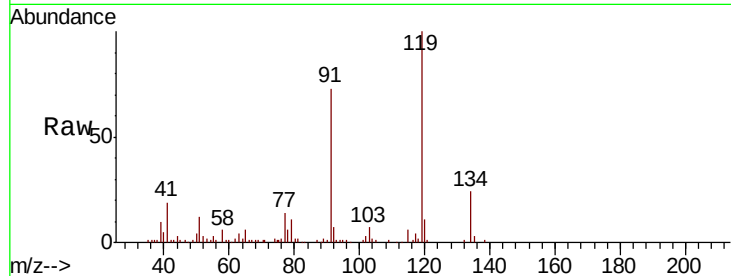




#83
tert-Butylbenzene
Concen: 1.927 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

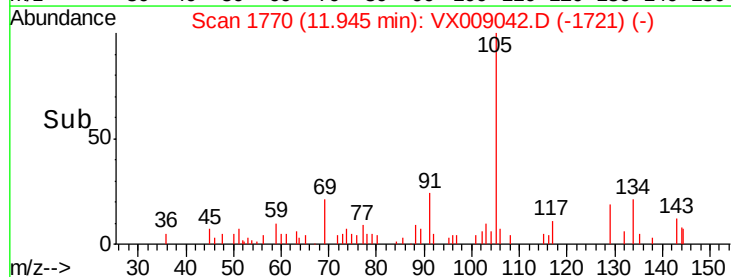
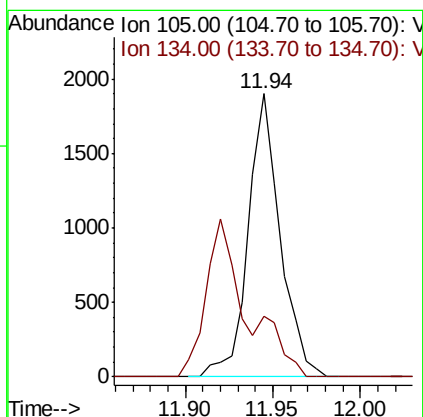
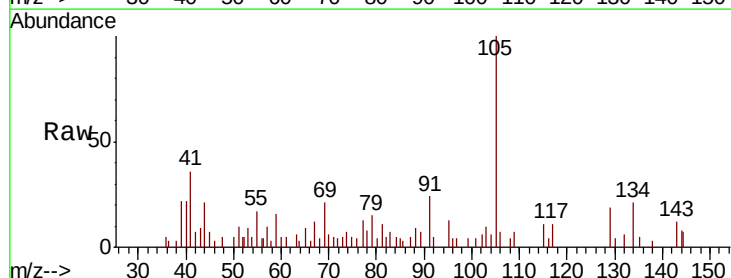
Instrument :
MSVOA_X
ClientSampleId :
SS040MW015-190415

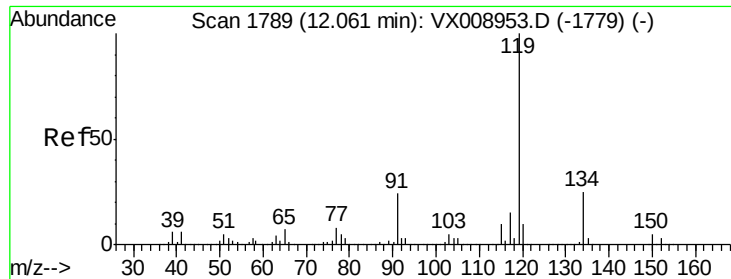
Tot Ion:119 Resp: 16225
Ion Ratio Lower Upper
119 100
91 70.5 29.7 89.1
134 23.5 11.2 33.5



#85
sec-Butylbenzene
Concen: 0.240 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Tgt Ion:105 Resp: 2412
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#

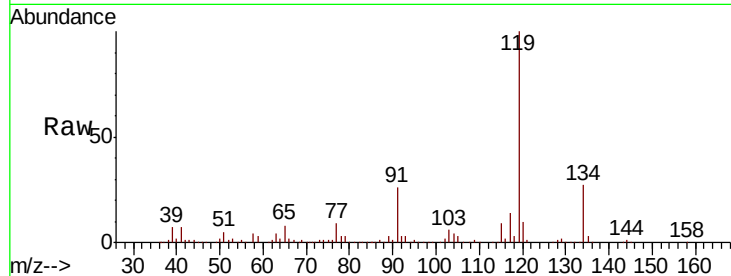




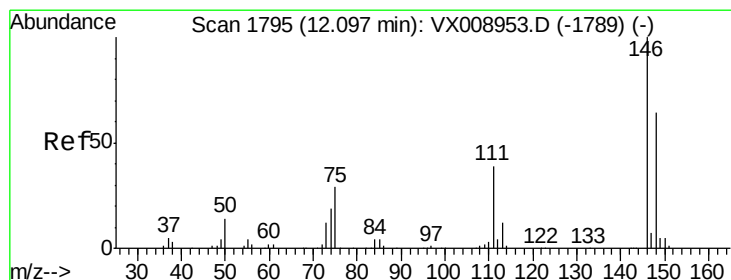
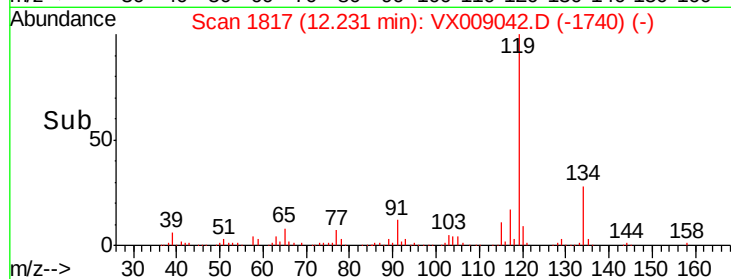
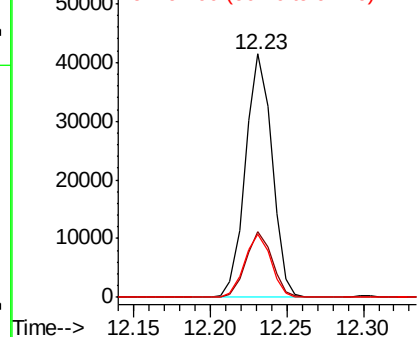
#86
 p-Isopropyltoluene
 Concen: 5.438 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX009042.D
 Acq: 18 Apr 2019 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW015-190415

Tot Ion:119 Resp: 50202
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 25.9 11.9 35.5

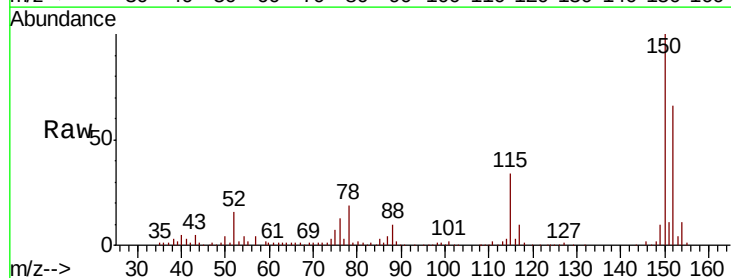


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

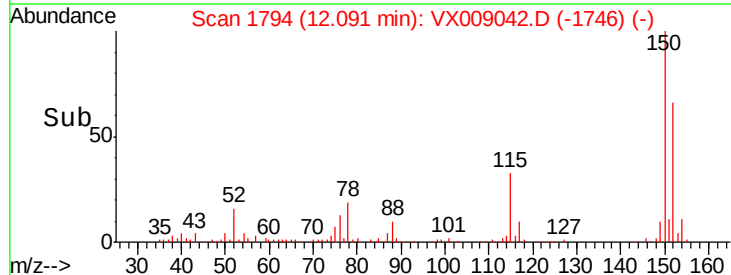
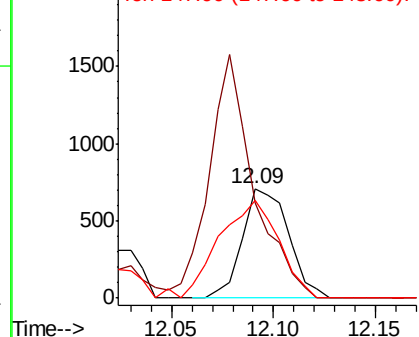


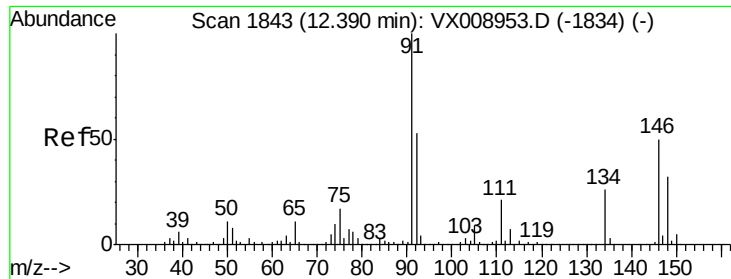
#88
 1,4-Dichlorobenzene
 Concen: 0.237 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX009042.D
 Acq: 18 Apr 2019 14:34

Tgt Ion:146 Resp: 1109
 Ion Ratio Lower Upper
 146 100
 111 215.6 20.0 59.9#
 148 114.9 32.2 96.6#



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

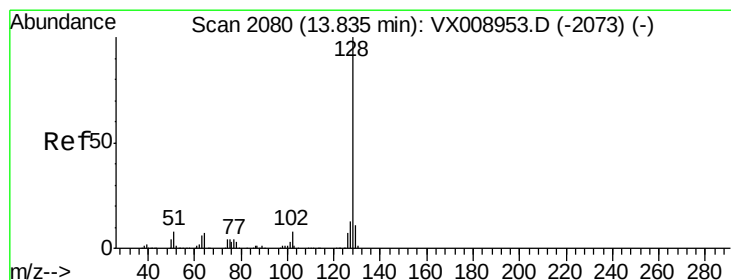
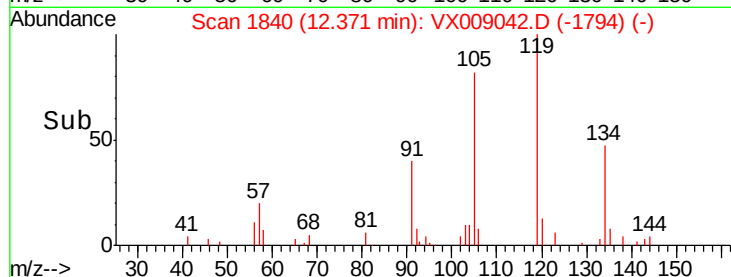
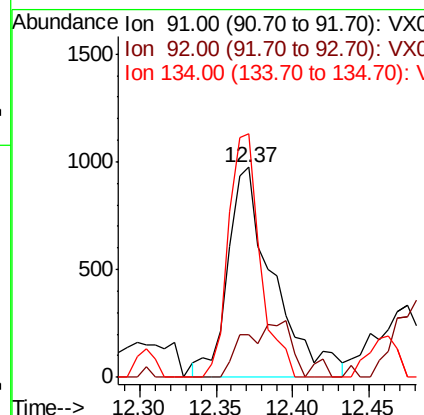
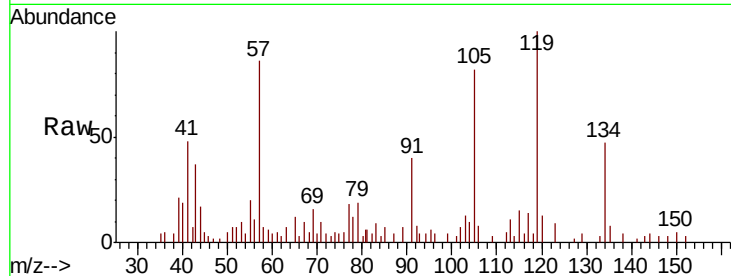




#89
n-Butylbenzene
Concen: 0.234 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Instrument :
MSVOA_X
ClientSampleId :
SS040MW015-190415

Tot Ion: 91 Resp: 2009
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.8#
134 80.6 12.4 37.2#



#95
Naphthalene
Concen: 0.211 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009042.D
Acq: 18 Apr 2019 14:34

Tgt Ion:128 Resp: 2219
Ion Ratio Lower Upper
128 100
127 18.7 10.6 16.0#
129 24.0 8.6 13.0#

