

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006204.D
 Acq On : 27 Nov 2018 04:57
 Operator : JC/MD
 Sample : J6044-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30002

Quant Time: Nov 27 08:02:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	416297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205047	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177634	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
35) Dibromofluoromethane	5.50	113	140068	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	8.71	98	515361	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	187089	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	860	0.327 ug/l #	61
5) Bromomethane	1.65	94	86	3.754 ug/l #	61
6) Chloroethane	1.68	64	758	Below Cal #	58
8) Diethyl Ether	2.18	74	432	0.292 ug/l #	1
11) Tert butyl alcohol	3.06	59	369838	534.885 ug/l	98
13) Acrolein	2.29	56	10546	25.489 ug/l	99
16) Acetone	2.45	43	662682	459.454 ug/l	95
17) Carbon Disulfide	2.57	76	3066	0.561 ug/l #	93
18) Methyl Acetate	2.78	43	93833	25.369 ug/l	99
20) Methylene Chloride	2.85	84	235253	108.167 ug/l	99
25) 2-Butanone	4.70	43	252401	94.280 ug/l	100
29) Tetrahydrofuran	5.17	42	2841	1.701 ug/l #	91
36) 1,1-Dichloropropene	5.66	75	19254	5.084 ug/l #	52
37) Ethyl Acetate	4.85	43	13689	2.809 ug/l	97
38) Carbon Tetrachloride	5.67	117	26385	7.412 ug/l #	17
40) Benzene	6.15	78	6071	0.544 ug/l	100
43) Isopropyl Acetate	6.48	43	1835	0.261 ug/l #	65
48) Methyl methacrylate	7.66	41	46050	12.904 ug/l #	43
49) 1,4-Dioxane	7.76	88	1352	15.968 ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	3795	0.752 ug/l	93
52) Toluene	8.79	92	9980	1.446 ug/l	99
56) Ethyl methacrylate	9.18	69	112	2.888 ug/l #	23
58) 2-Chloroethyl Vinyl ether	8.56	63	191	6.793 ug/l	95
59) 2-Hexanone	9.49	43	11322	2.828 ug/l	98
67) Ethyl Benzene	10.25	91	8651	0.652 ug/l	98
68) m/p-Xylenes	10.36	106	18726	3.627 ug/l	97
69) o-Xylene	10.70	106	11124	2.255 ug/l	99
70) Styrene	10.71	104	5026	0.625 ug/l #	71
74) N-amyl acetate	10.91	43	5191	2.977 ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.21	83	38246	8.180 ug/l #	36
76) 1,2,3-Trichloropropane	11.13	75	97669	23.136 ug/l #	38
78) n-propylbenzene	11.36	91	4227	0.293 ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	10454	0.999 ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	97669	78.252 ug/l #	7

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QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

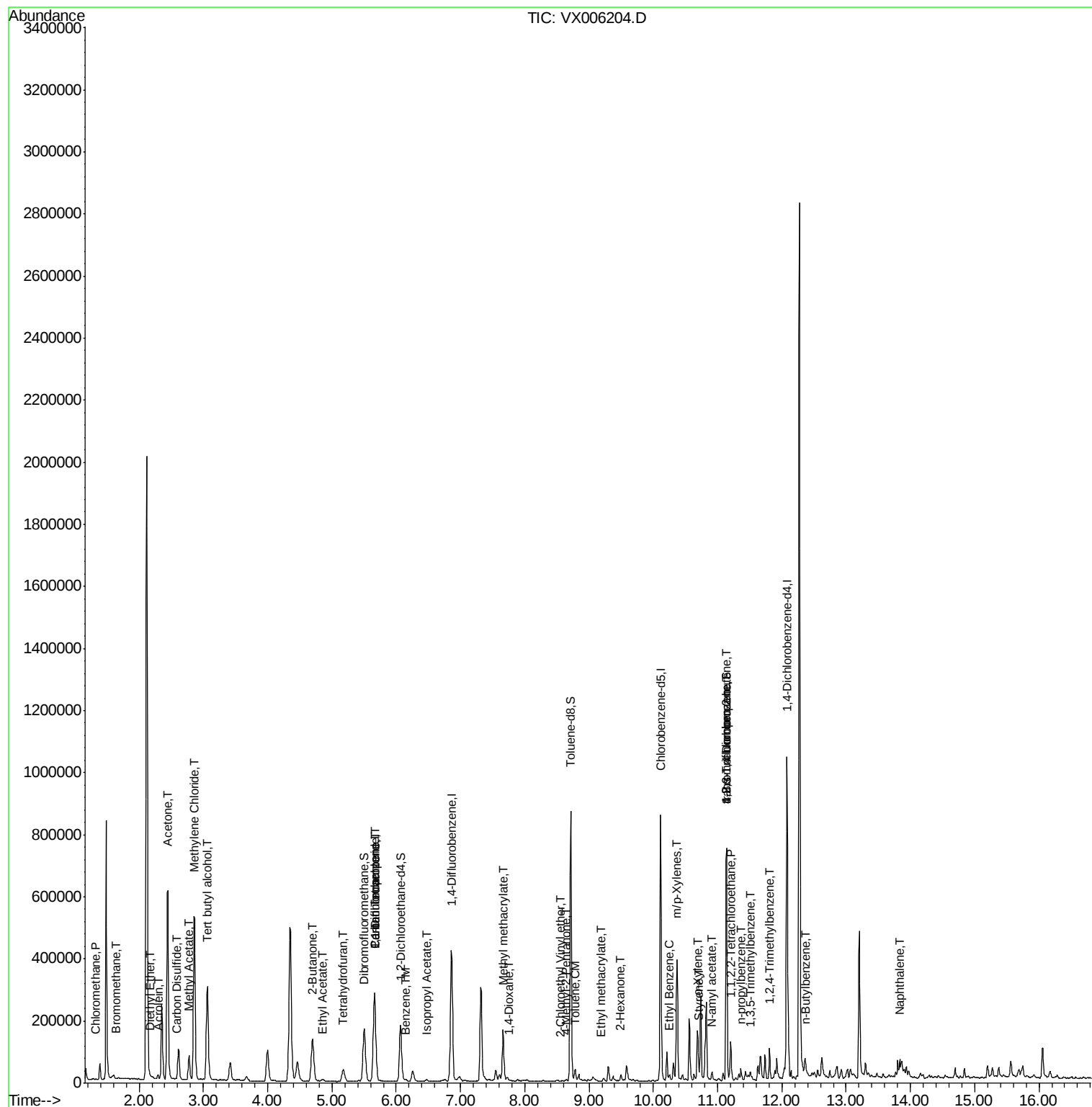
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	31795	2.980	ug/l	86
89) n-Butylbenzene	12.38	91	2126	0.211	ug/l #	59
95) Naphthalene	13.83	128	29300	2.159	ug/l #	95

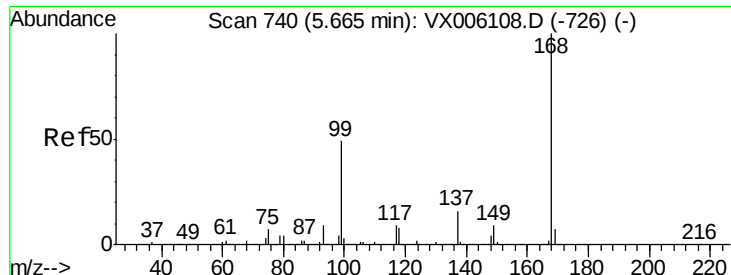
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

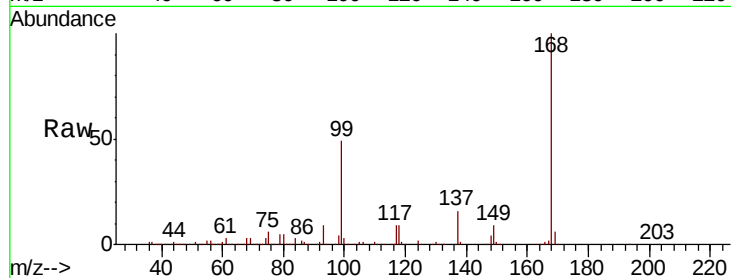
30002

Tot Ion:168 Resp: 280504

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

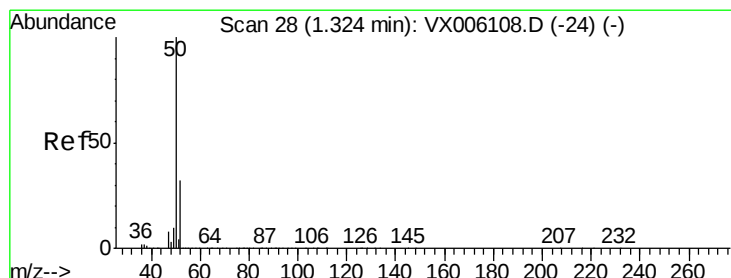
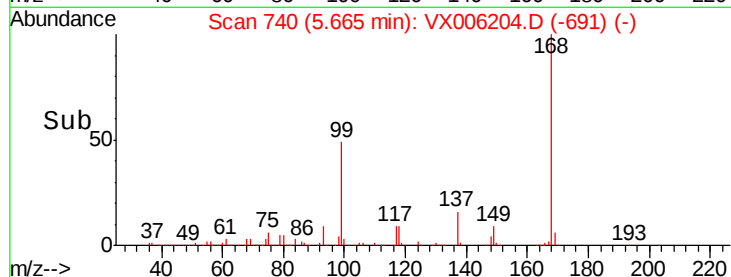
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.327 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006204.D

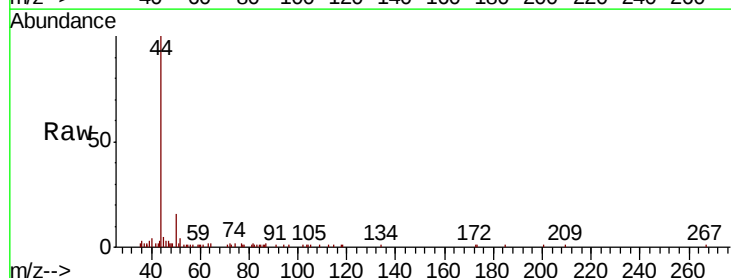
Acq: 27 Nov 2018 04:57

Tgt Ion: 50 Resp: 860

Ion Ratio Lower Upper

50 100

52 10.4 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1200

1000

800

600

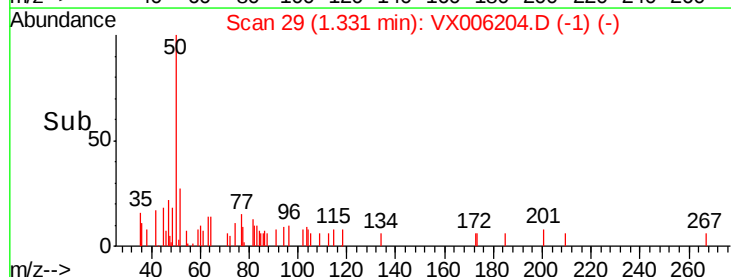
400

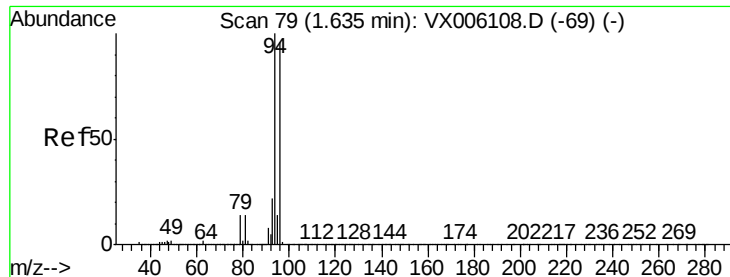
200

0

1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: 3.754 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

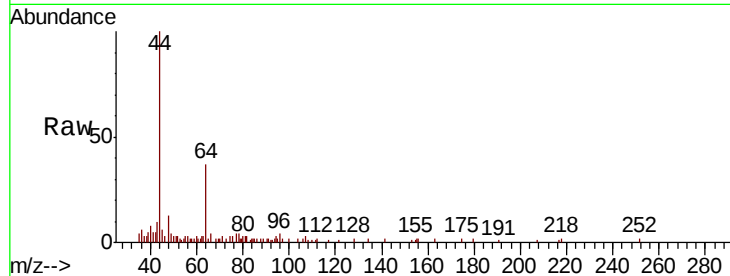
30002

Tot Ion: 94 Resp: 86

Ion Ratio Lower Upper

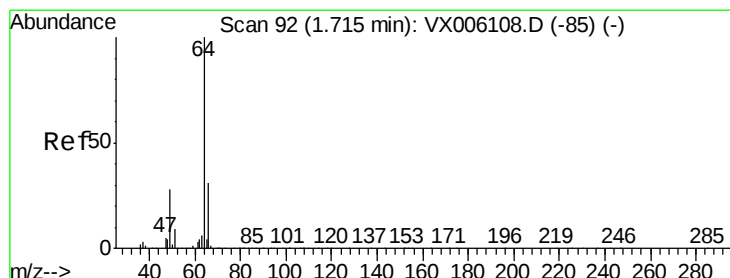
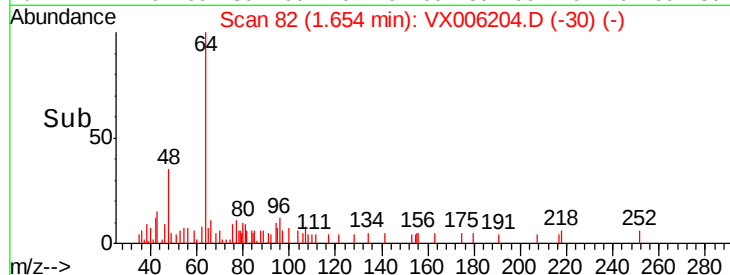
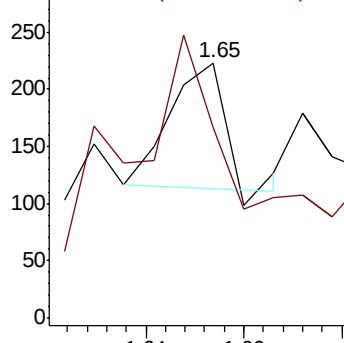
94 100

96 57.9 76.7 115.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 87

Delta R.T. -0.03 min

Lab File: VX006204.D

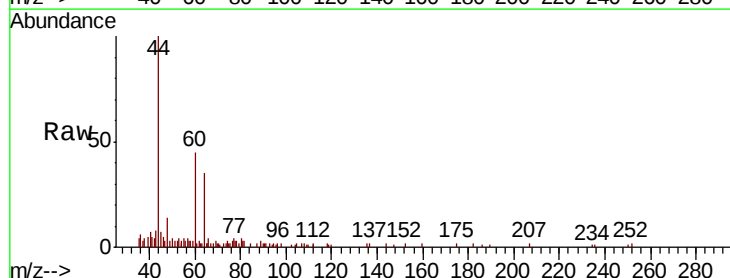
Acq: 27 Nov 2018 04:57

Tgt Ion: 64 Resp: 758

Ion Ratio Lower Upper

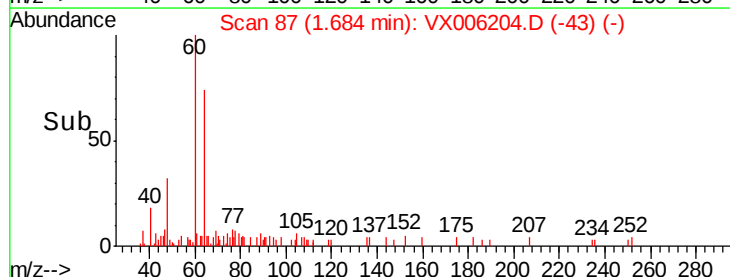
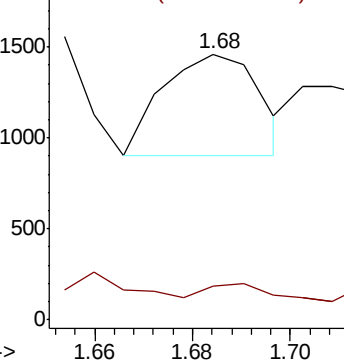
64 100

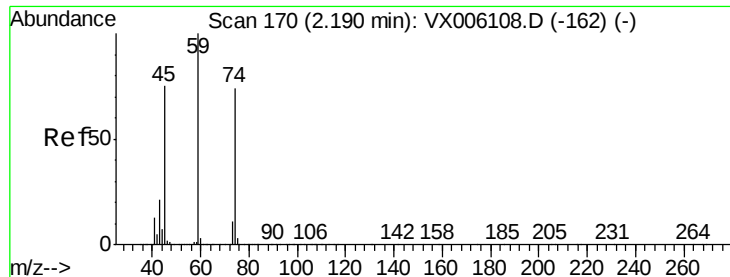
66 8.3 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.292 ug/l

RT: 2.18 min Scan# 168

Delta R.T. -0.01 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

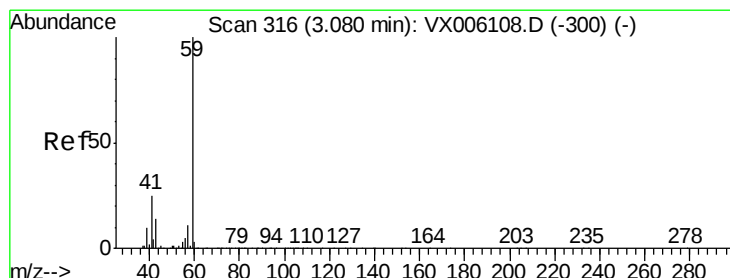
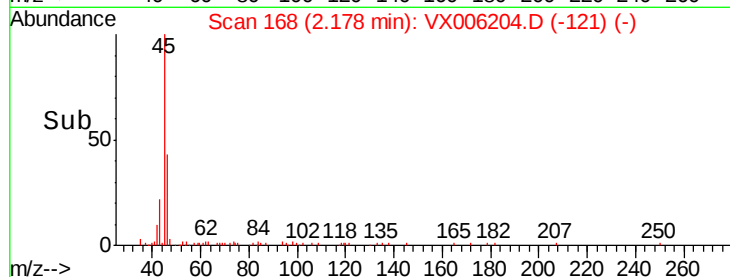
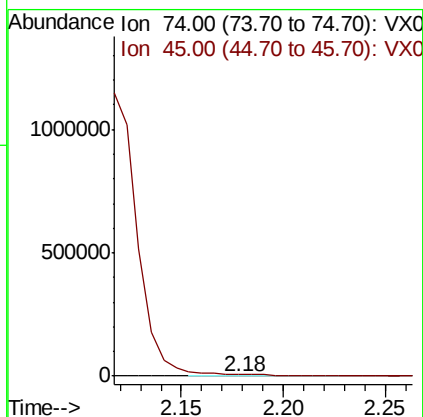
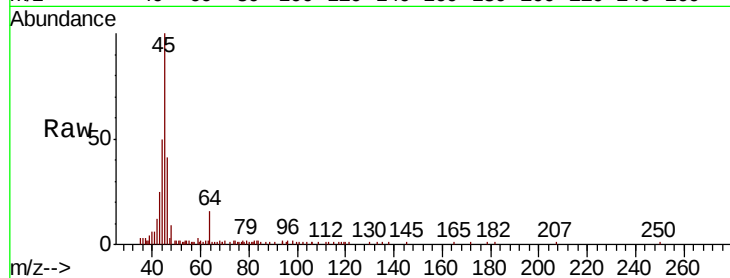
30002

Tot Ion: 74 Resp: 432

Ion Ratio Lower Upper

74 100

45 0.0 52.2 156.6#



#11

Tert butyl alcohol

Concen: 534.885 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX006204.D

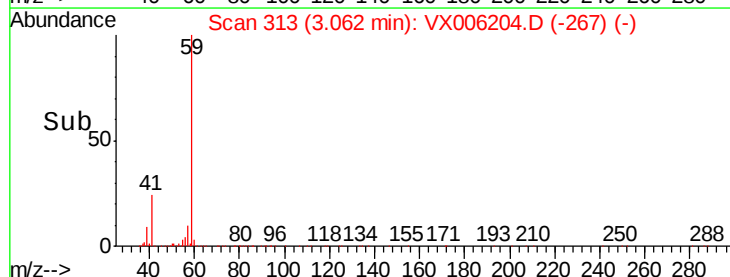
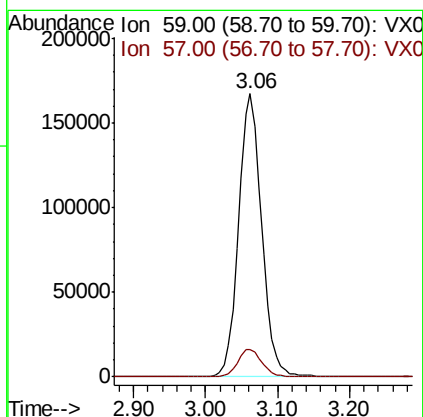
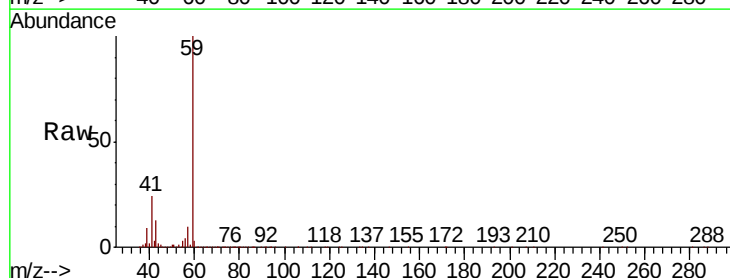
Acq: 27 Nov 2018 04:57

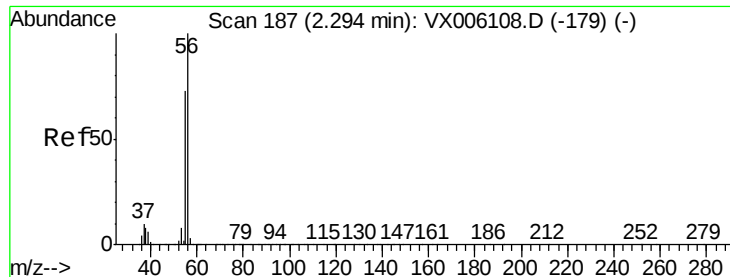
Tgt Ion: 59 Resp: 369838

Ion Ratio Lower Upper

59 100

57 10.0 8.7 13.1





#13

Acrolein

Concen: 25.489 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

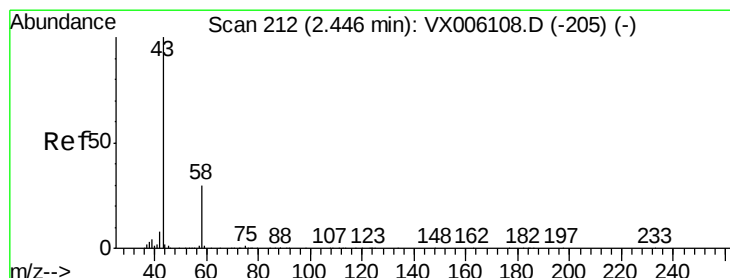
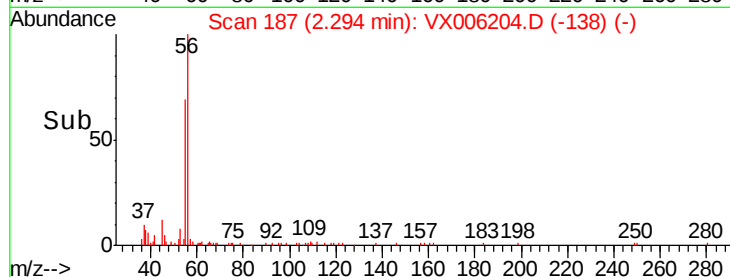
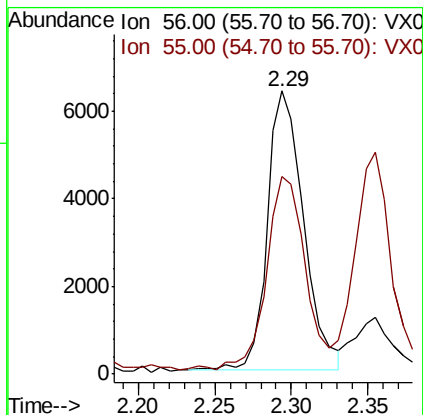
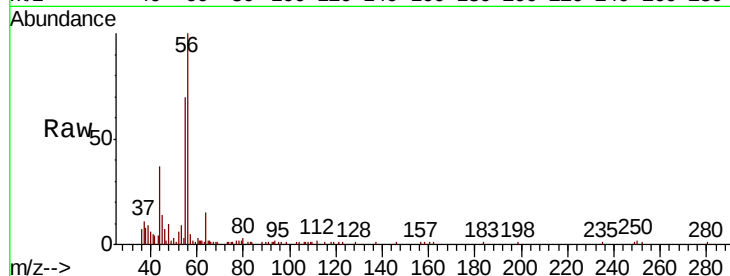
30002

Tot Ion: 56 Resp: 10546

Ion Ratio Lower Upper

56 100

55 73.0 57.8 86.6



#16

Acetone

Concen: 459.454 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006204.D

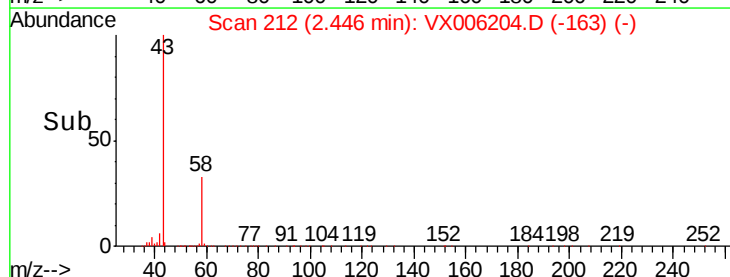
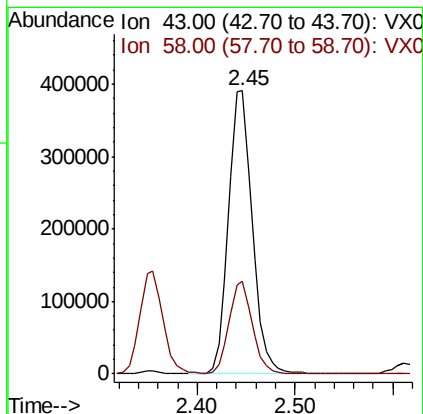
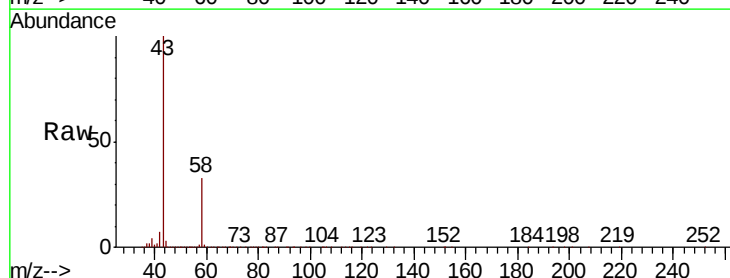
Acq: 27 Nov 2018 04:57

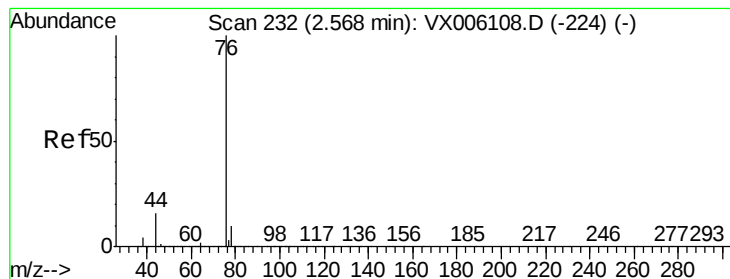
Tgt Ion: 43 Resp: 662682

Ion Ratio Lower Upper

43 100

58 32.5 23.8 35.8





#17

Carbon Disulfide

Concen: 0.561 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

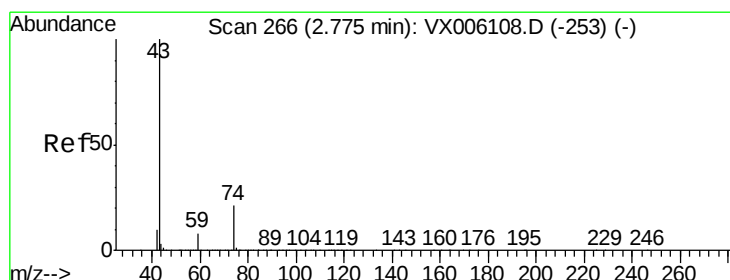
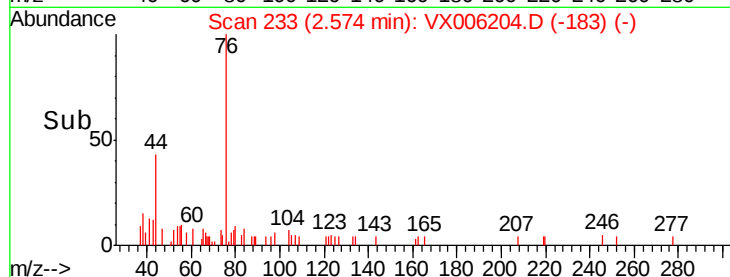
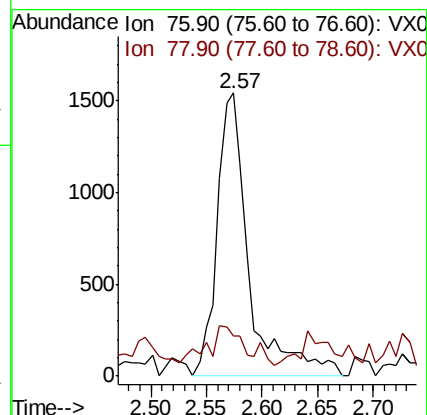
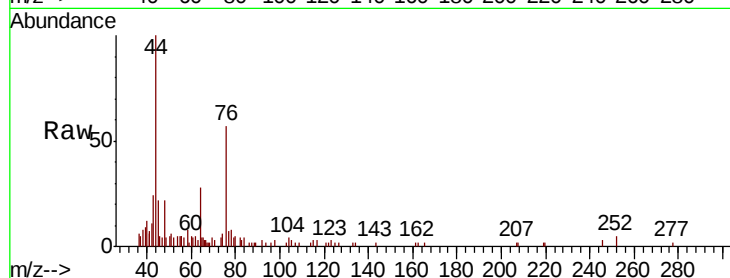
30002

Tot Ion: 76 Resp: 3066

Ion Ratio Lower Upper

76 100

78 7.1 7.7 11.5#



#18

Methyl Acetate

Concen: 25.369 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006204.D

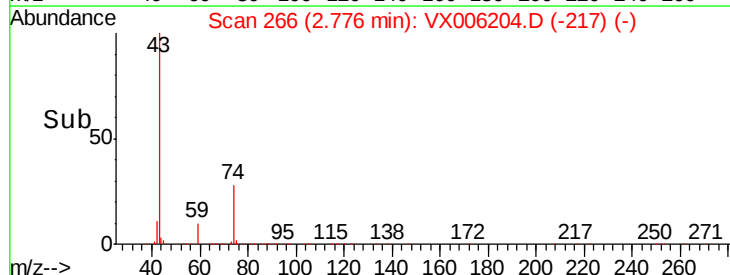
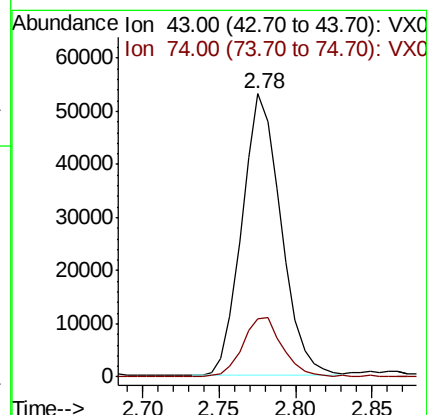
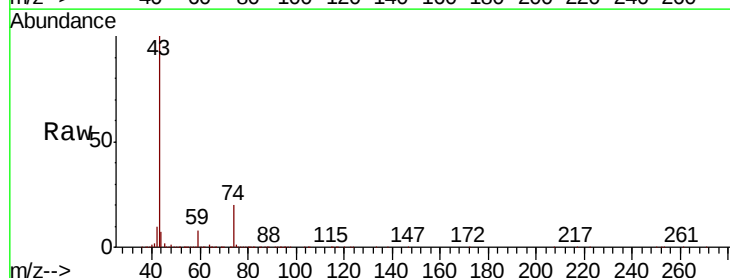
Acq: 27 Nov 2018 04:57

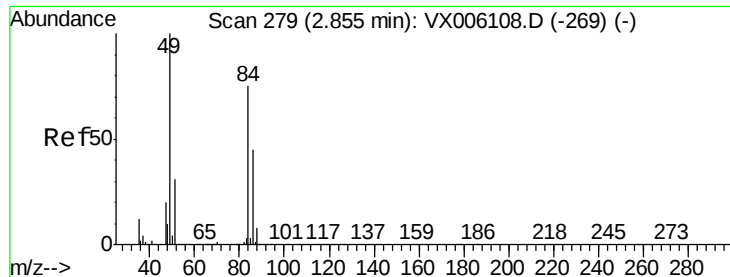
Tgt Ion: 43 Resp: 93833

Ion Ratio Lower Upper

43 100

74 21.3 17.3 25.9

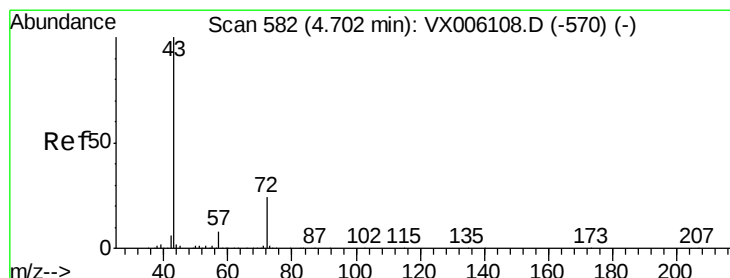
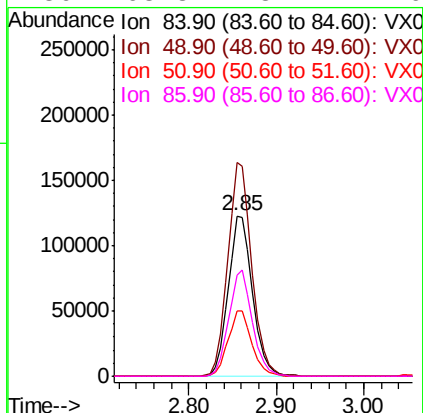
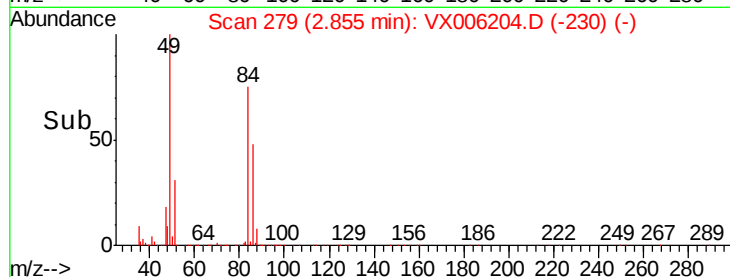
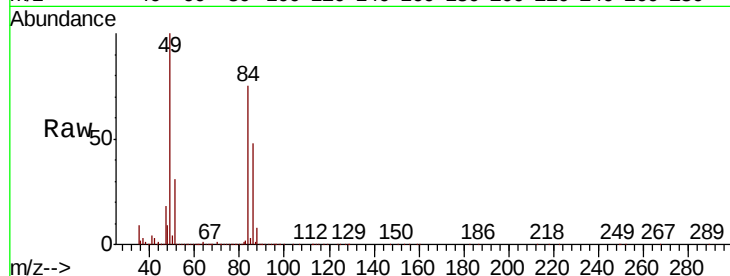




#20
Methvlene Chloride
Concen: 108.167 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

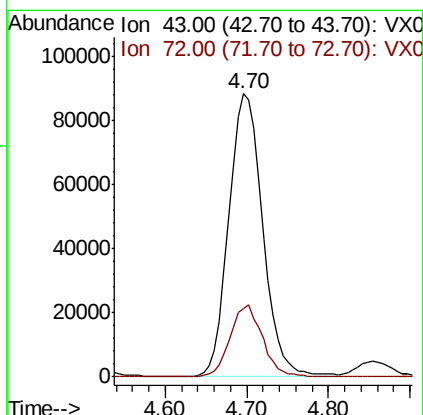
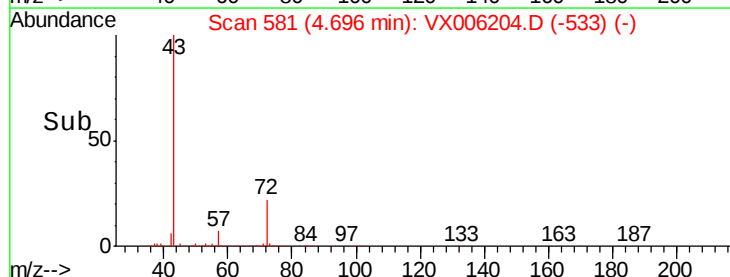
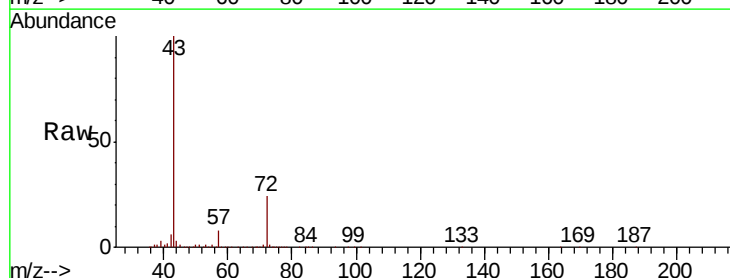
Instrument :
MSVOA_X
ClientSampleId :
30002

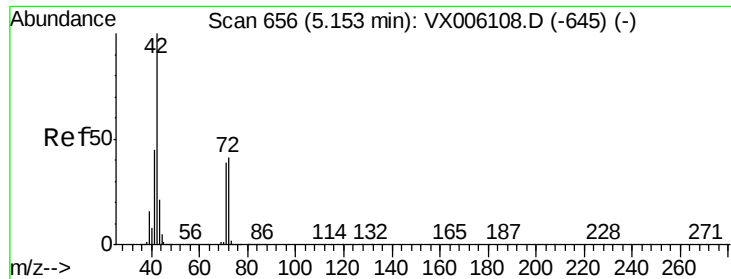
Tot Ion:	84	Resp:	235253
Ion	Ratio	Lower	Upper
84	100		
49	133.1	106.6	159.8
51	40.9	32.6	49.0
86	63.3	48.4	72.6



#25
2-Butanone
Concen: 94.280 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Tgt Ion:	43	Resp:	252401
Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.2	28.8





#29

Tetrahydrofuran

Concen: 1.701 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

30002

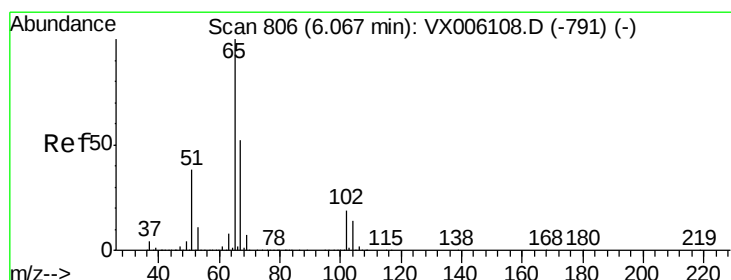
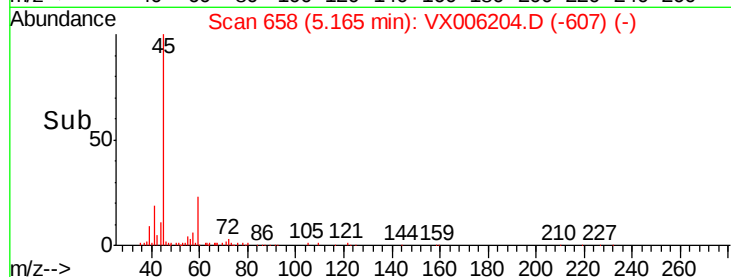
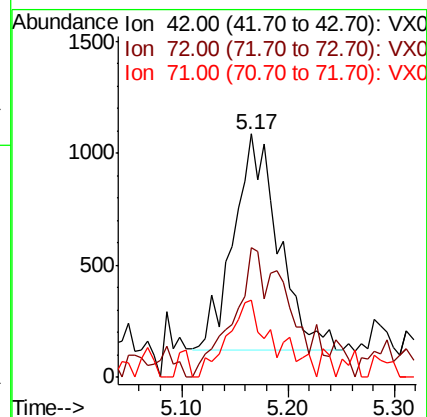
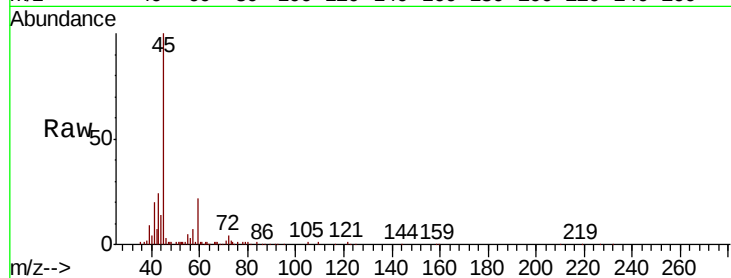
Tot Ion: 42 Resp: 2841

Ion Ratio Lower Upper

42 100

72 39.7 33.0 49.6

71 29.3 31.0 46.4#



#33

1,2-Dichloroethane-d4

Concen: 54.651 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006204.D

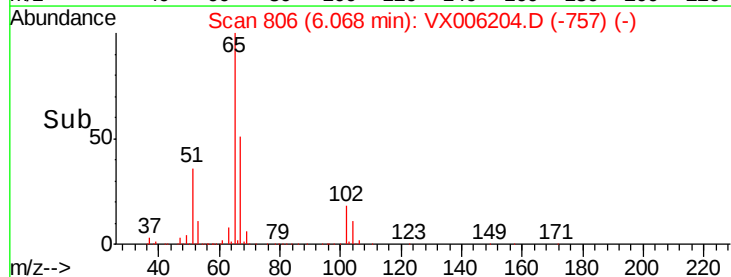
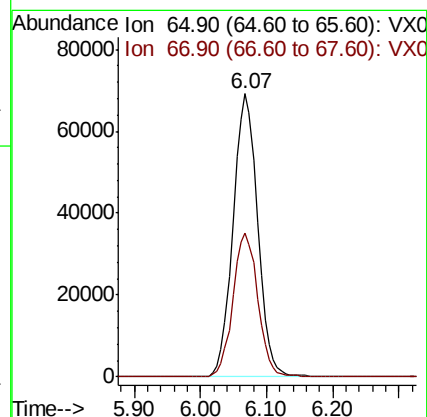
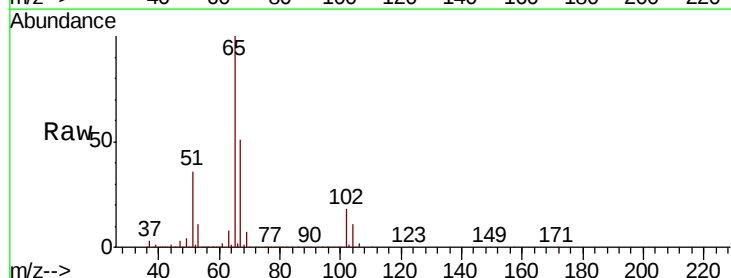
Acq: 27 Nov 2018 04:57

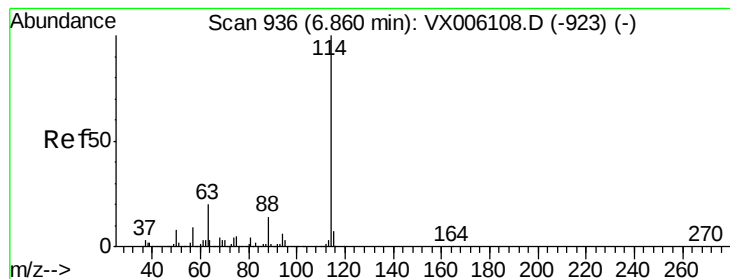
Tgt Ion: 65 Resp: 177634

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

30002

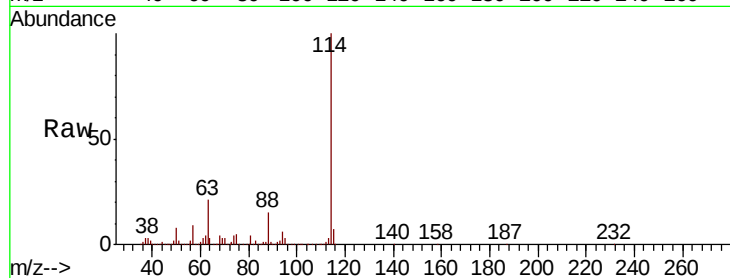
Tot Ion:114 Resp: 416297

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

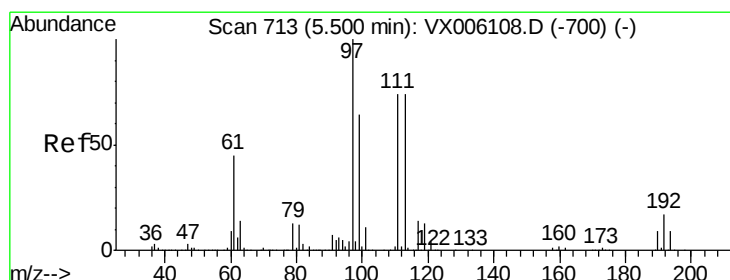
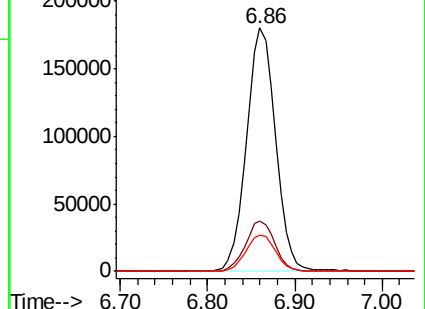
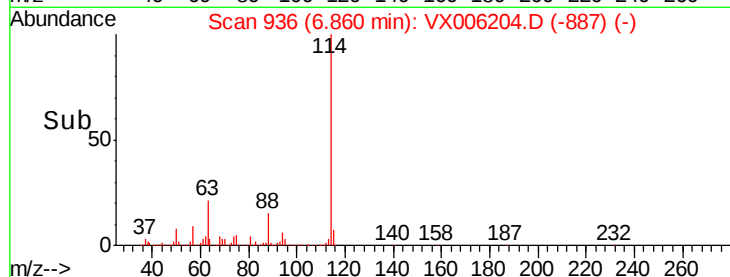
88 14.9 0.0 28.6



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: 52.415 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

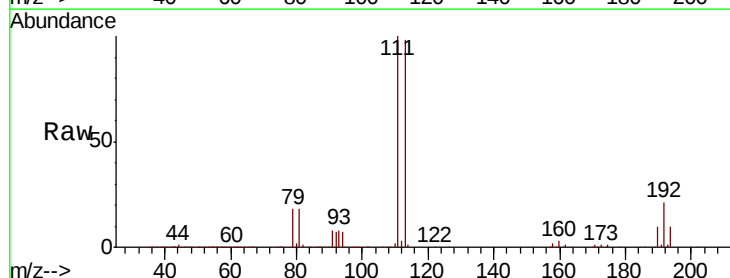
Tgt Ion:113 Resp: 140068

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

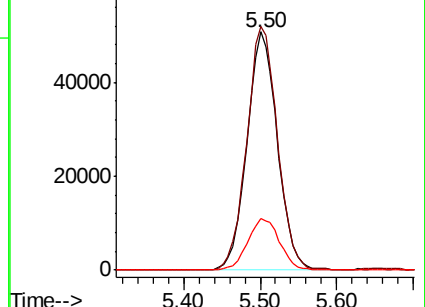
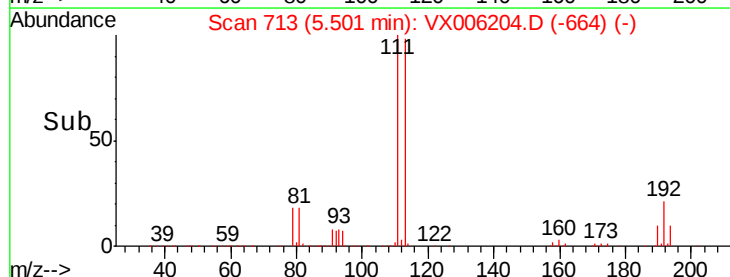
192 22.7 18.6 28.0

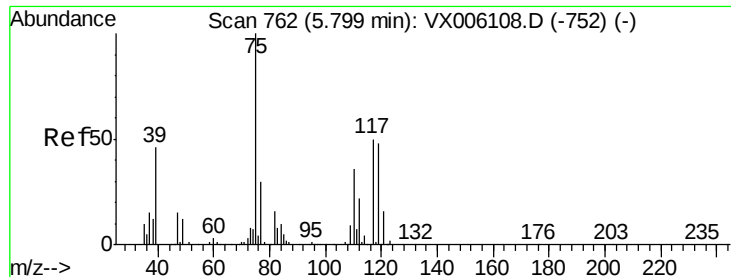


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.084 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

30002

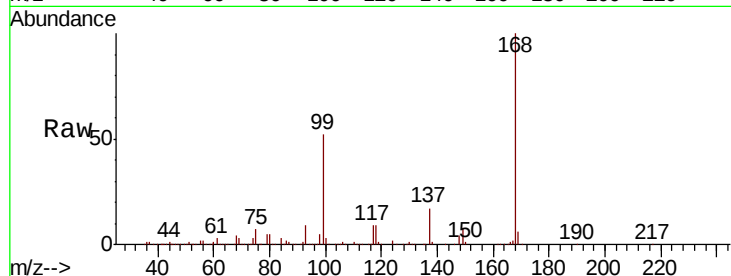
Tot Ion: 75 Resp: 19254

Ion Ratio Lower Upper

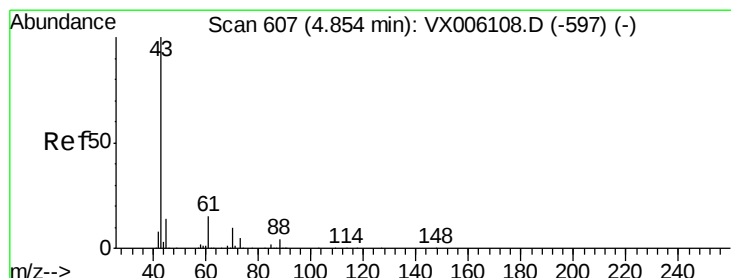
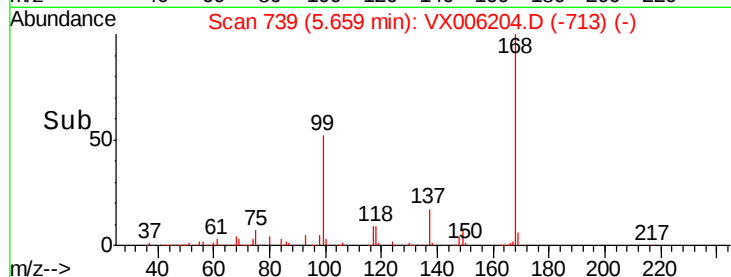
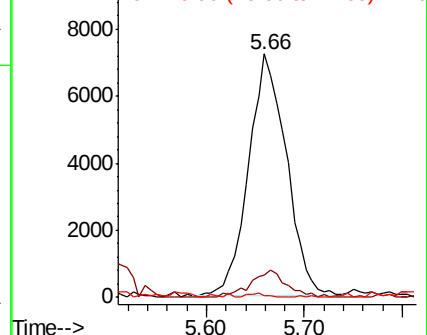
75 100

110 10.8 17.8 53.3#

77 0.8 24.5 36.7#



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



#37

Ethyl Acetate

Concen: 2.809 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

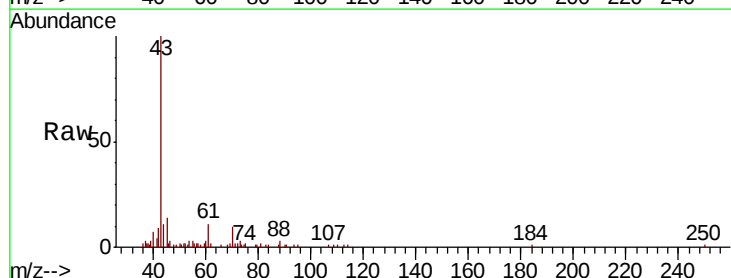
Tgt Ion: 43 Resp: 13689

Ion Ratio Lower Upper

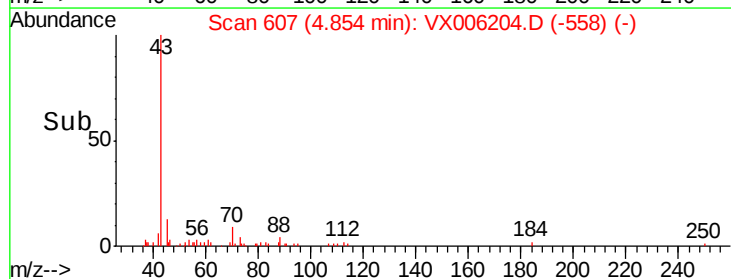
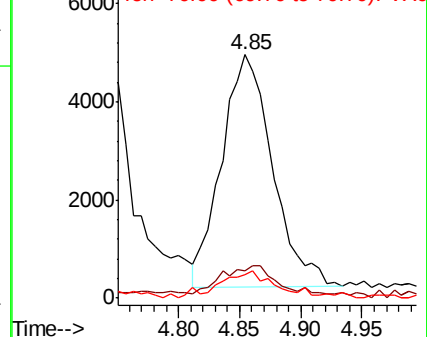
43 100

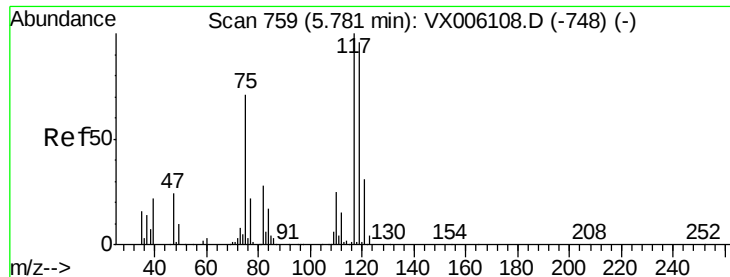
61 12.5 10.5 15.7

70 11.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 7.412 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

30002

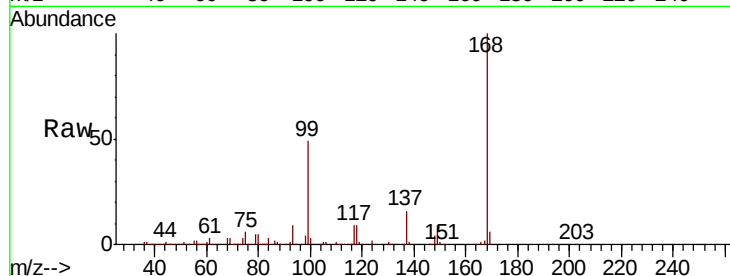
Tot Ion:117 Resp: 26385

Ion Ratio Lower Upper

117 100

119 5.9 76.3 114.5#

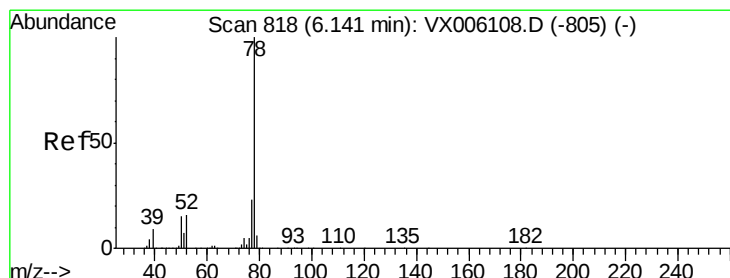
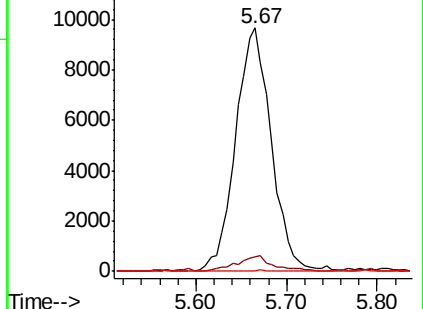
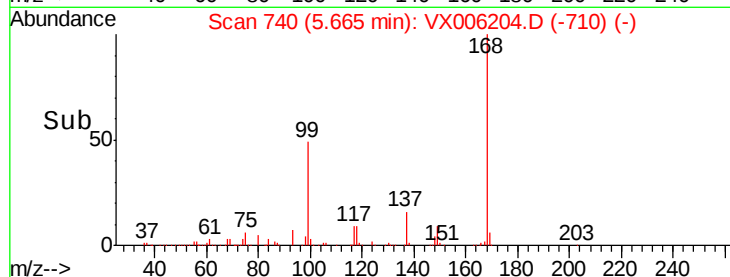
121 0.0 24.7 37.1#



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



#40

Benzene

Concen: 0.544 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006204.D

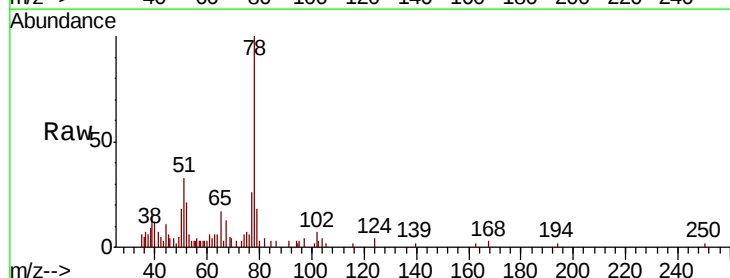
Acq: 27 Nov 2018 04:57

Tgt Ion: 78 Resp: 6071

Ion Ratio Lower Upper

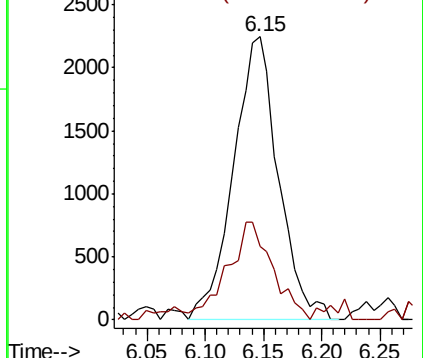
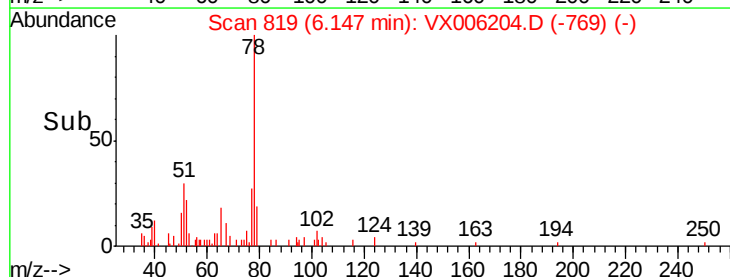
78 100

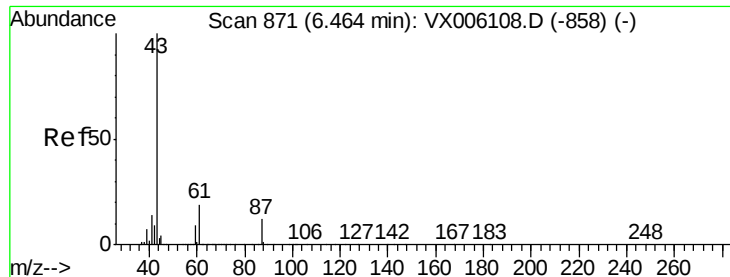
77 23.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 0.261 ug/l

RT: 6.48 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

30002

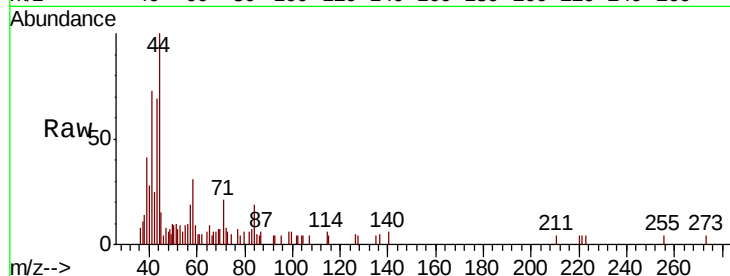
Tot Ion: 43 Resp: 1835

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

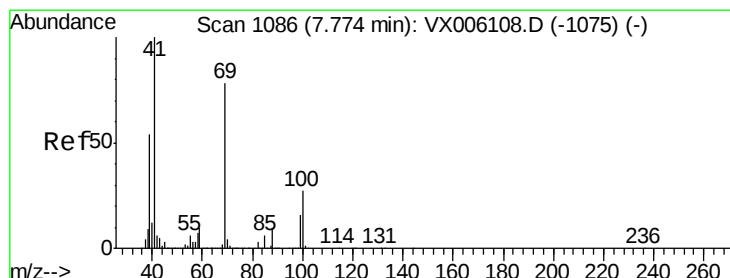
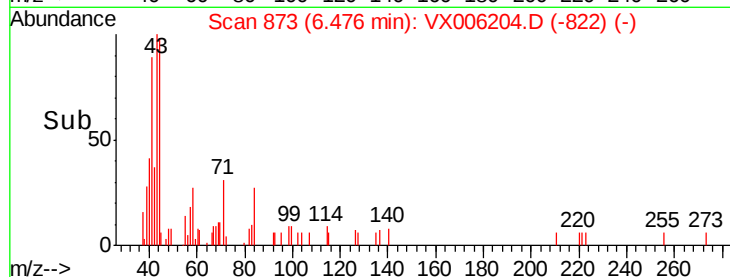
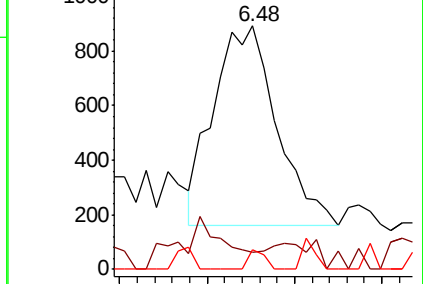
87 2.5 9.6 14.4#



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

Methyl methacrylate

Concen: 12.904 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.12 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

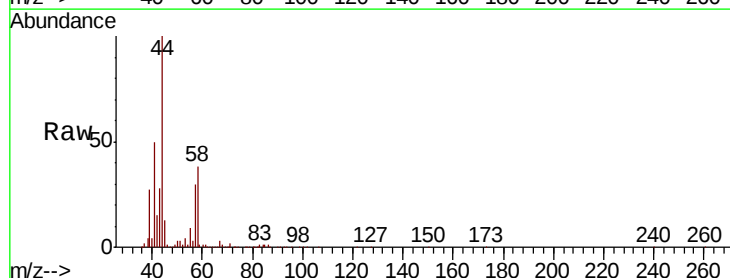
Tgt Ion: 41 Resp: 46050

Ion Ratio Lower Upper

41 100

69 0.7 62.8 94.2#

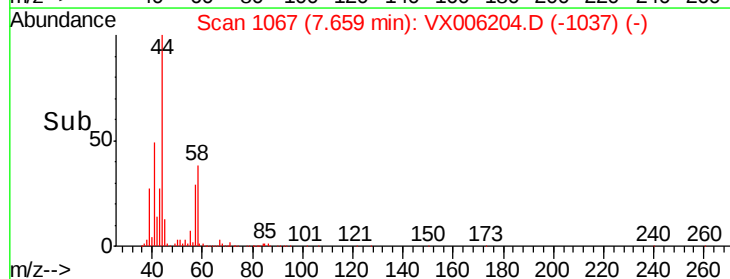
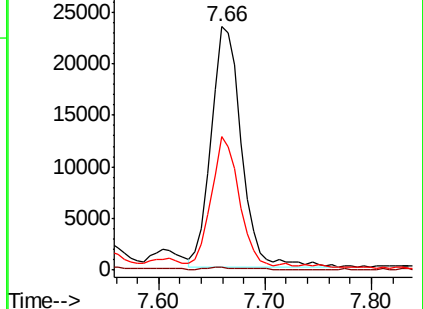
39 47.7 43.8 65.6

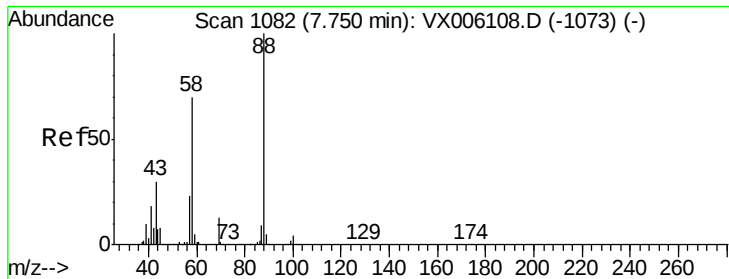


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 15.968 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

30002

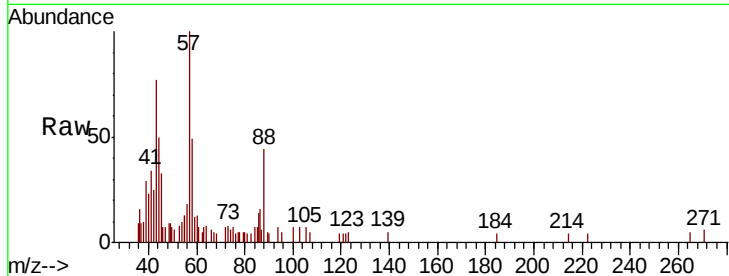
Tot Ion: 88 Resp: 1352

Ion Ratio Lower Upper

88 100

43 110.0 26.7 40.1#

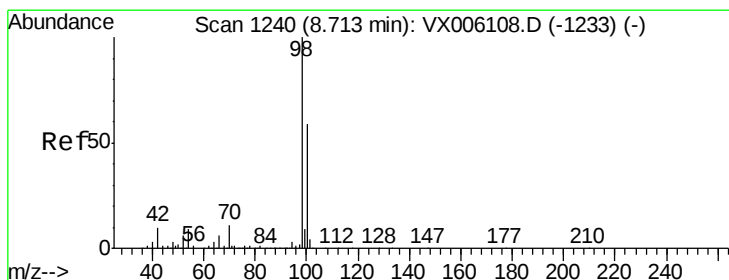
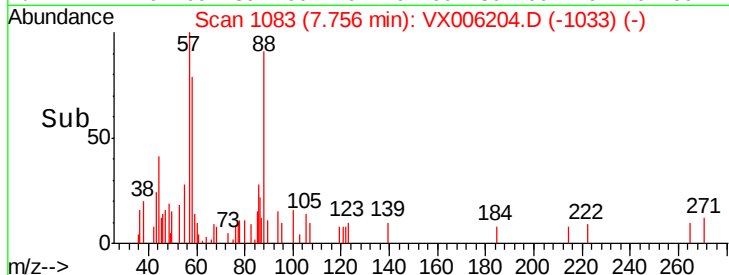
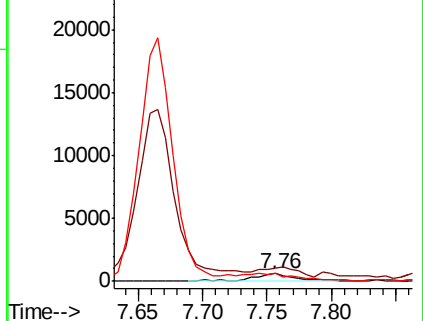
58 0.0 58.5 87.7#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.562 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006204.D

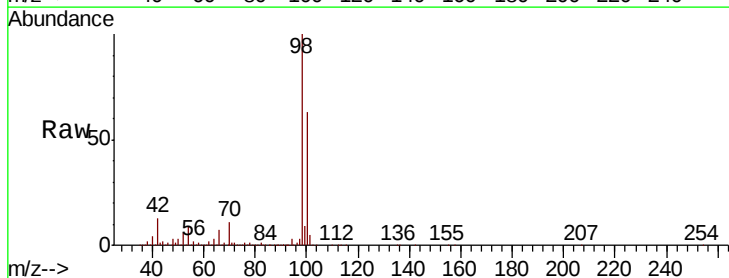
Acq: 27 Nov 2018 04:57

Tgt Ion: 98 Resp: 515361

Ion Ratio Lower Upper

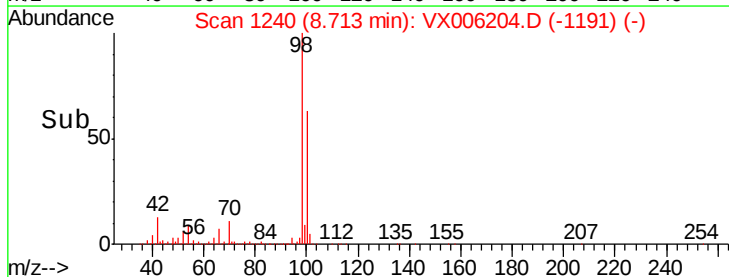
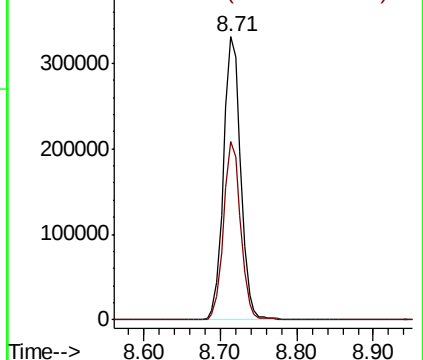
98 100

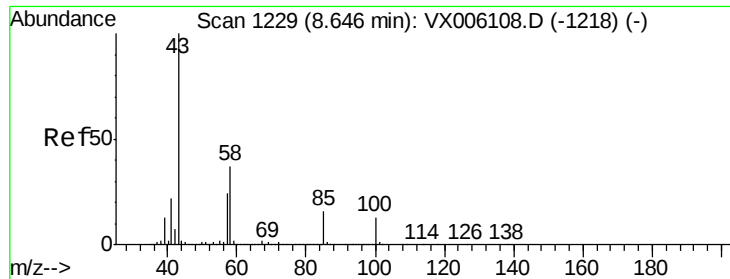
100 62.4 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

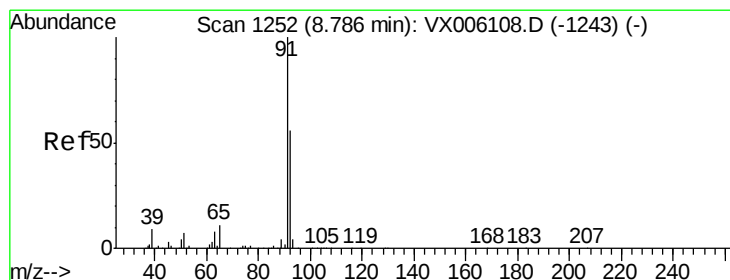
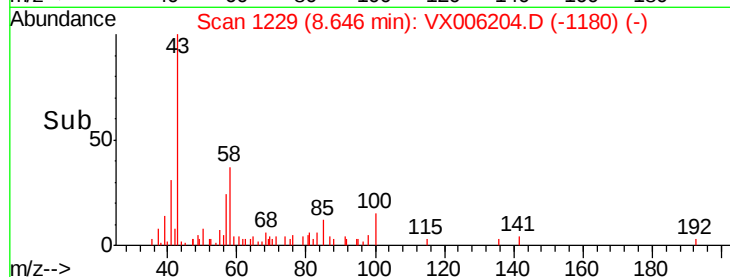
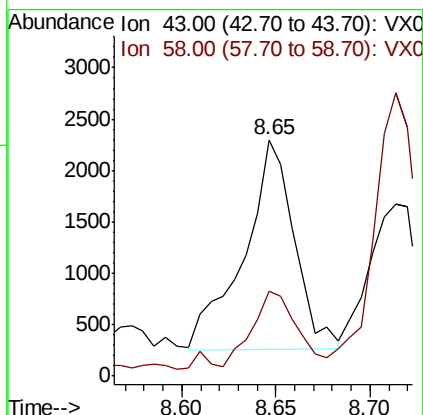
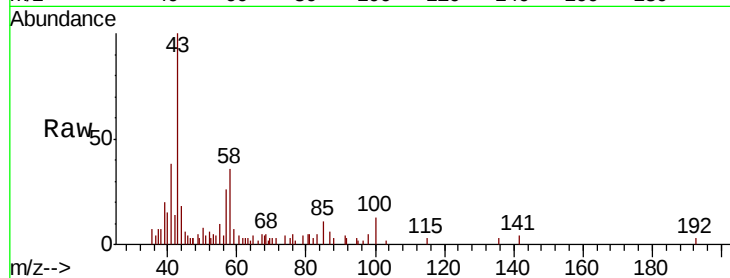




#51
4-Methyl-2-Pentanone
Concen: 0.752 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

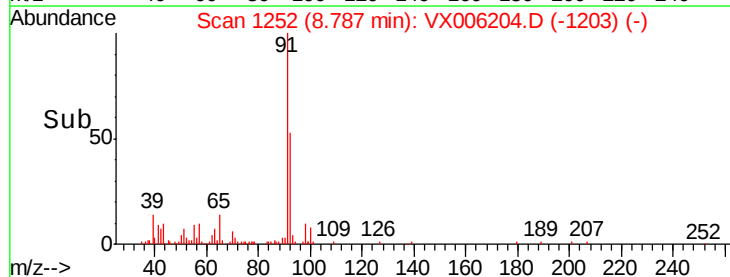
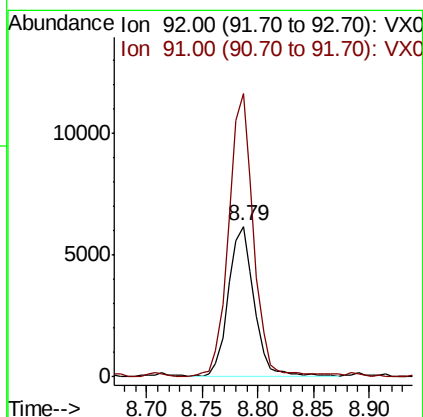
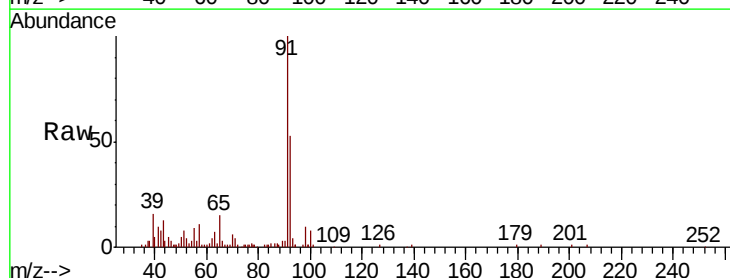
Instrument :
MSVOA_X
ClientSampled :
30002

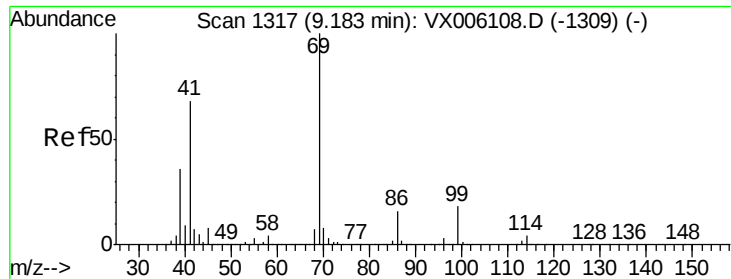
Tot Ion: 43 Resp: 3795
Ion Ratio Lower Upper
43 100
58 33.3 29.9 44.9



#52
Toluene
Concen: 1.446 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Tgt Ion: 92 Resp: 9980
Ion Ratio Lower Upper
92 100
91 179.5 142.5 213.7

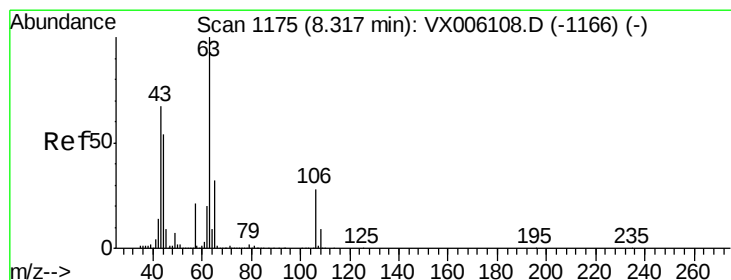
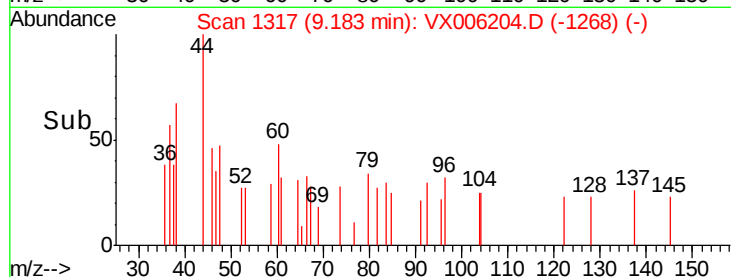
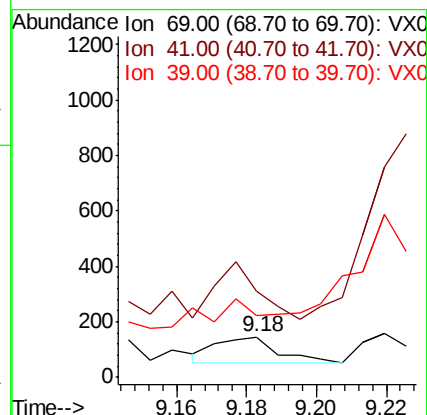
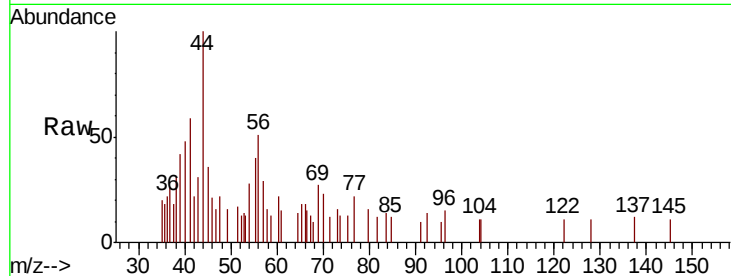




#56
Ethyl methacrylate
Concen: 2.888 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

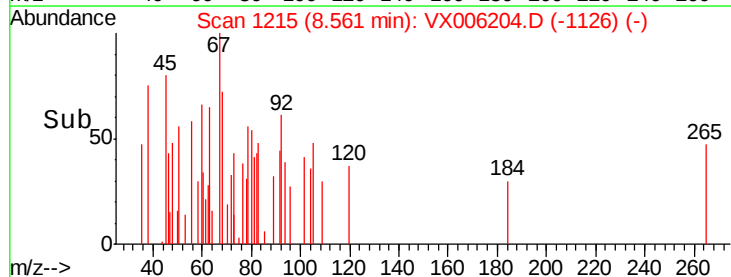
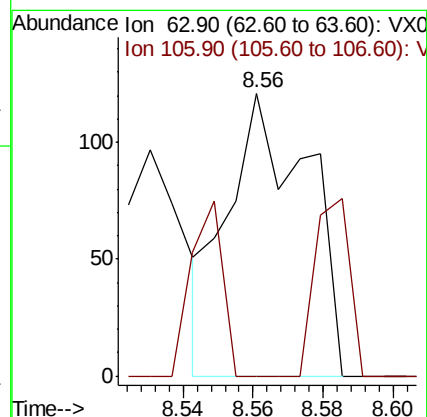
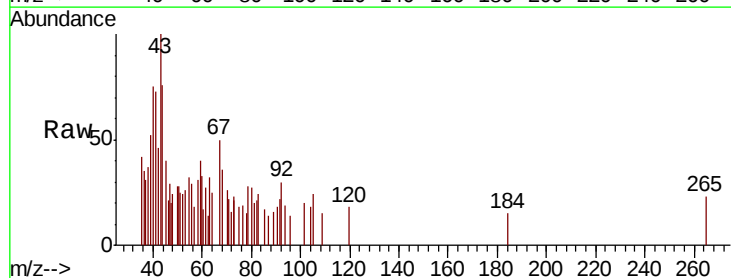
Instrument :
MSVOA_X
ClientSampled :
30002

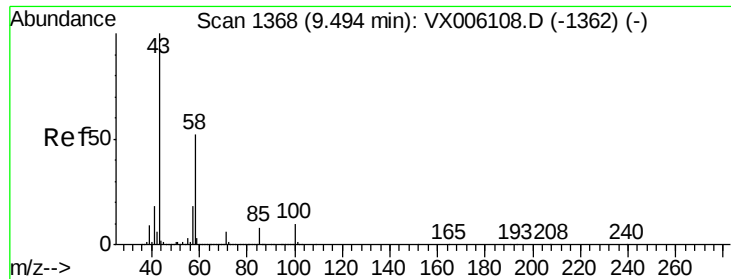
Tot Ion: 69 Resp: 112
Ion Ratio Lower Upper
69 100
41 0.0 56.2 84.4#
39 0.0 29.4 44.0#



#58
2-Chloroethyl Vinyl ether
Concen: 6.793 ug/l
RT: 8.56 min Scan# 1215
Delta R.T. 0.24 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Tgt Ion: 63 Resp: 191
Ion Ratio Lower Upper
63 100
106 24.6 21.7 32.5

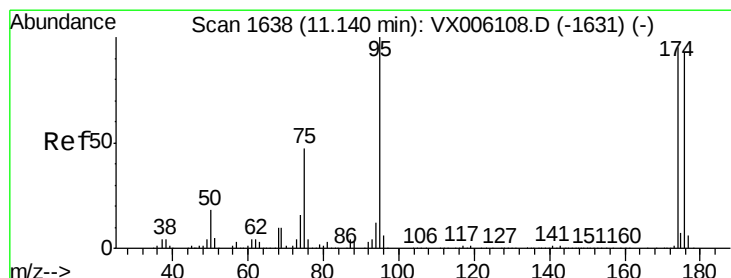
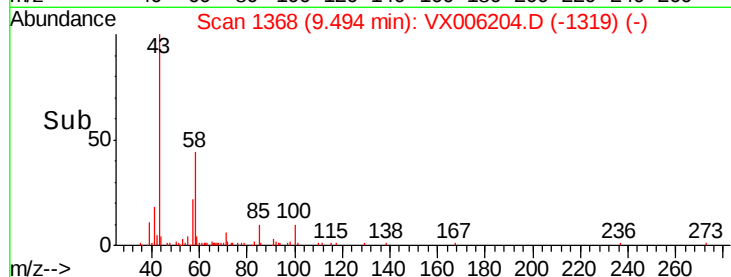
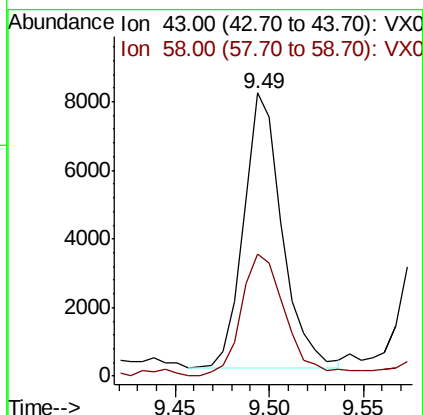
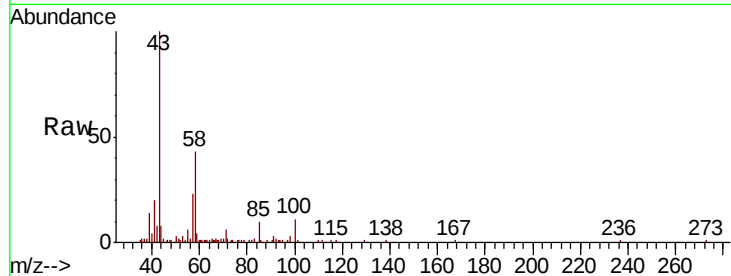




#59
2-Hexanone
Concen: 2.828 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

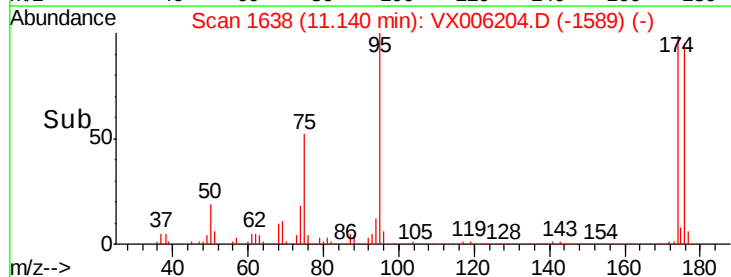
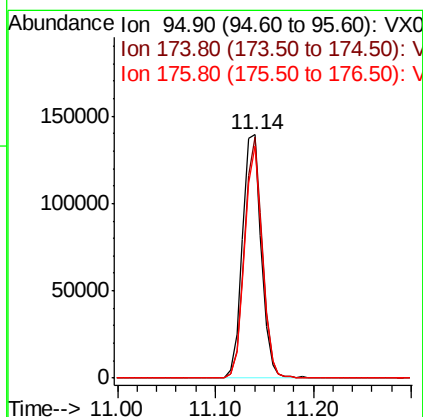
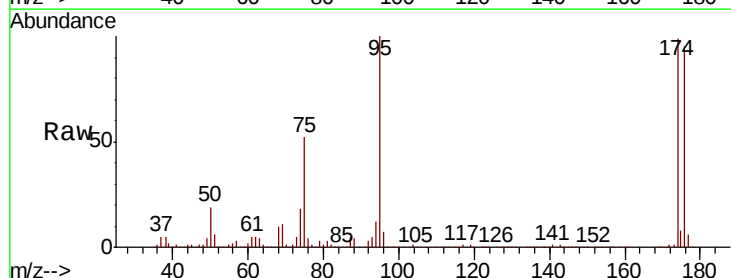
Instrument :
MSVOA_X
ClientSampleId :
30002

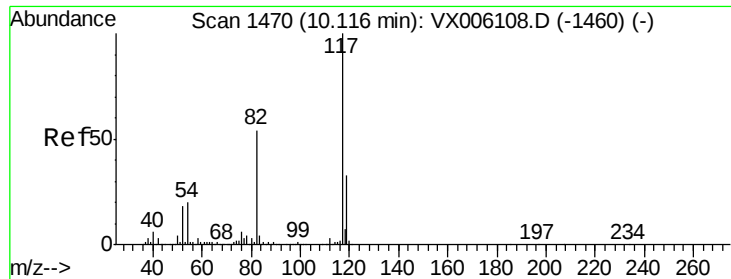
Tot Ion: 43 Resp: 11322
Ion Ratio Lower Upper
43 100
58 51.0 26.3 78.9



#62
4-Bromofluorobenzene
Concen: 48.921 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Tgt Ion: 95 Resp: 187089
Ion Ratio Lower Upper
95 100
174 93.7 0.0 184.4
176 90.0 0.0 179.0

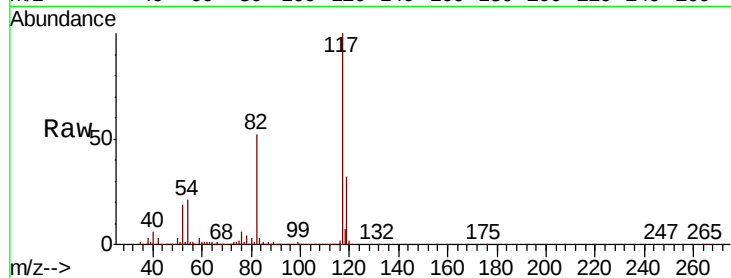




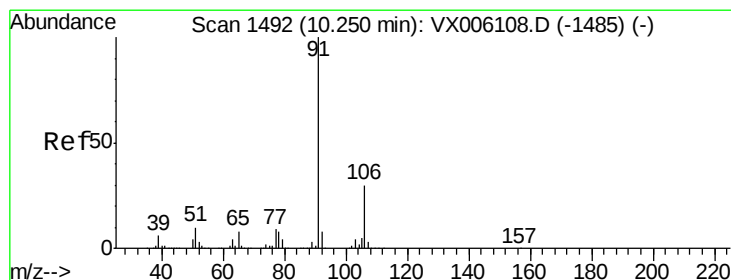
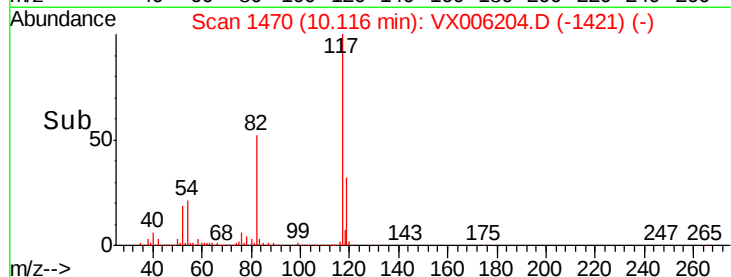
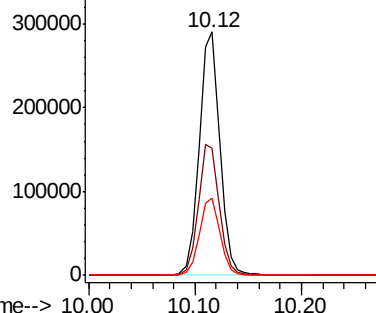
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Instrument :
MSVOA_X
ClientSampleId :
30002

Tot Ion:117 Resp: 394813
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.5 26.1 39.1

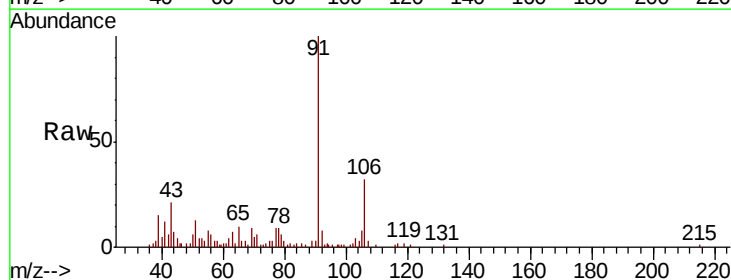


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

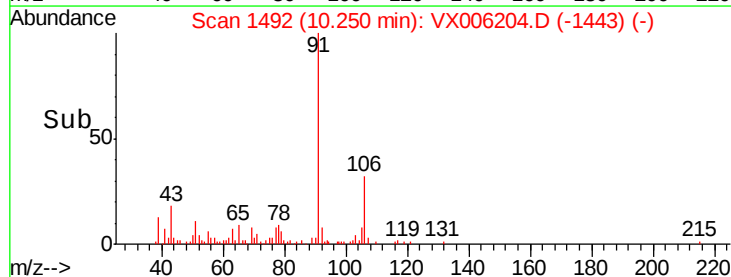
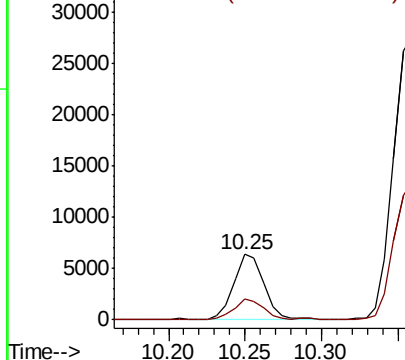


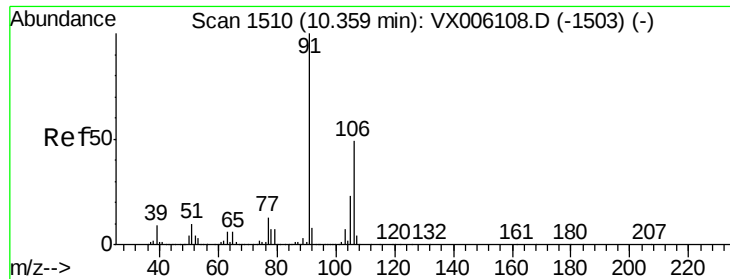
#67
Ethyl Benzene
Concen: 0.652 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Tgt Ion: 91 Resp: 8651
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6



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

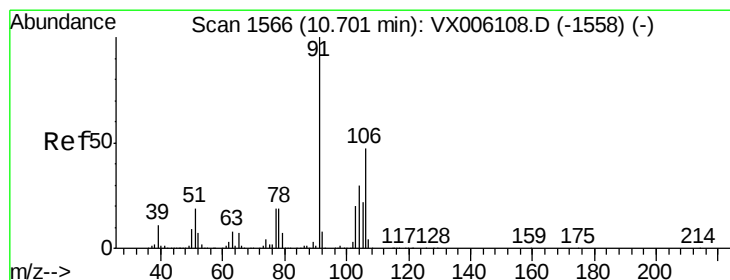
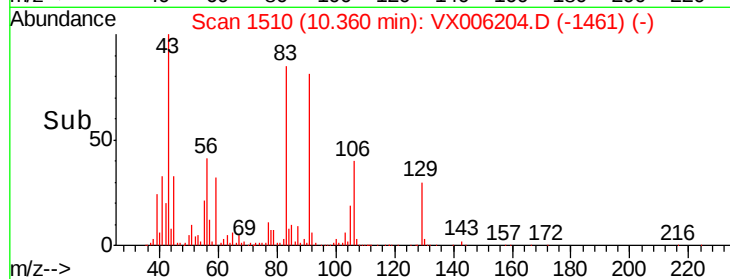
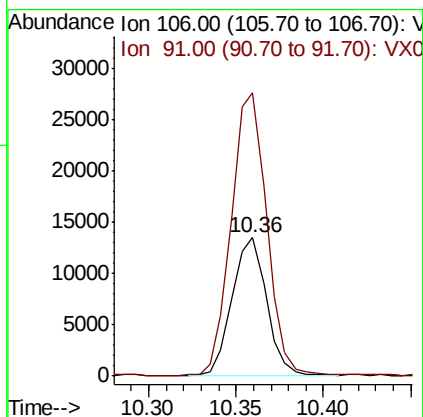
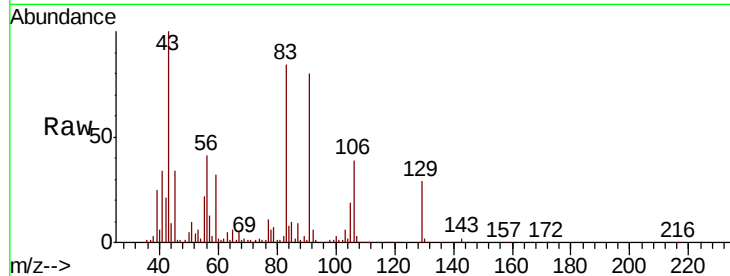




#68
m/p-Xylenes
Concen: 3.627 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

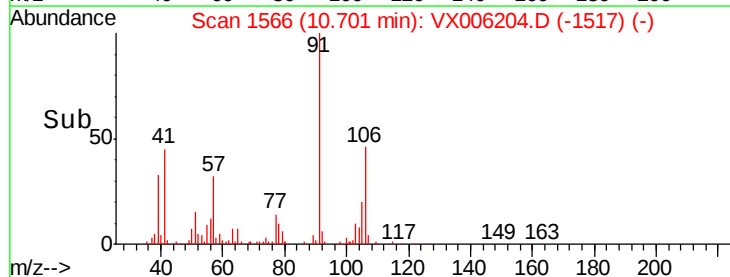
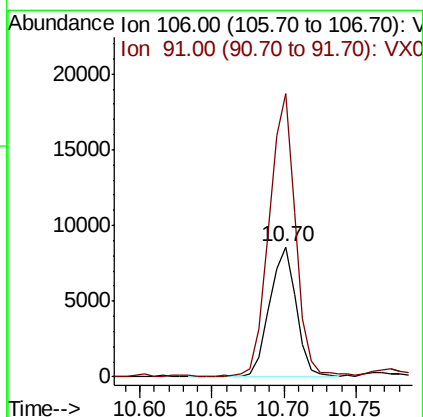
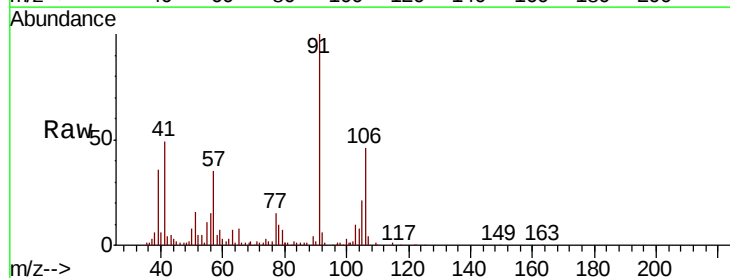
Instrument :
MSVOA_X
ClientSampled :
30002

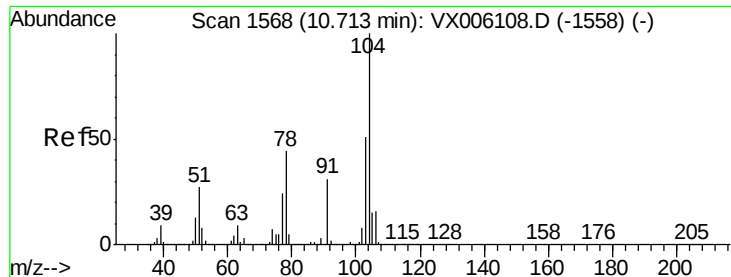
Tot Ion:106 Resp: 18726
Ion Ratio Lower Upper
106 100
91 207.8 162.0 243.0



#69
o-Xylene
Concen: 2.255 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Tgt Ion:106 Resp: 11124
Ion Ratio Lower Upper
106 100
91 213.1 107.4 322.2

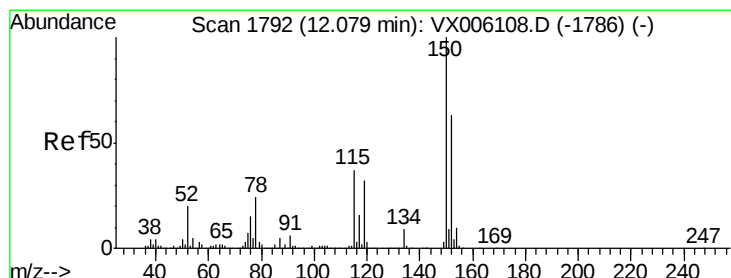
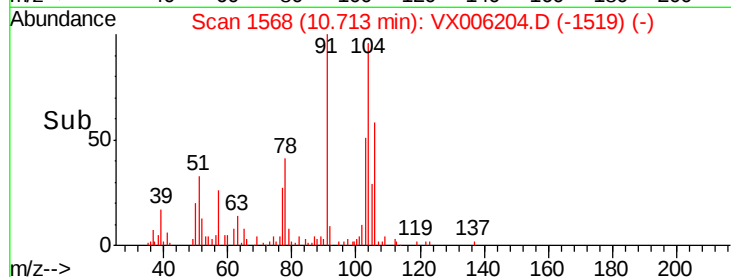
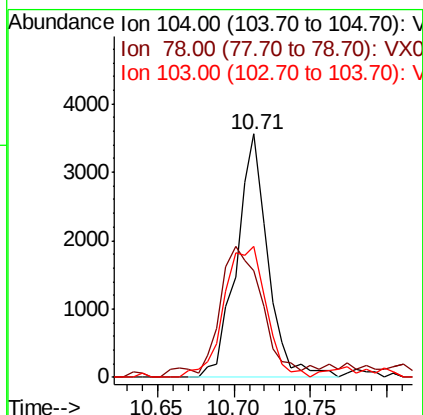
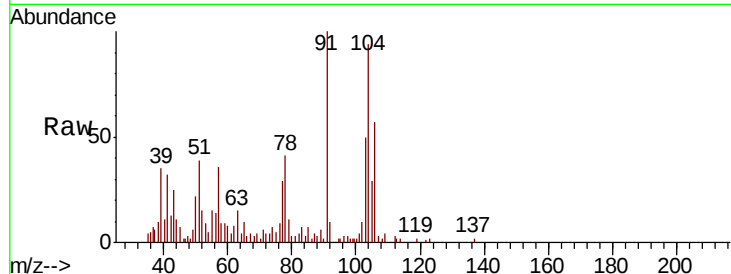




#70
Stvrene
Concen: 0.625 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

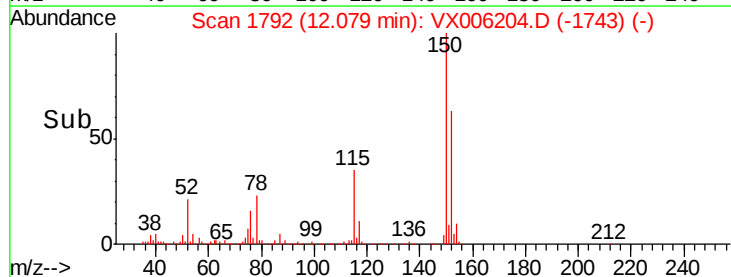
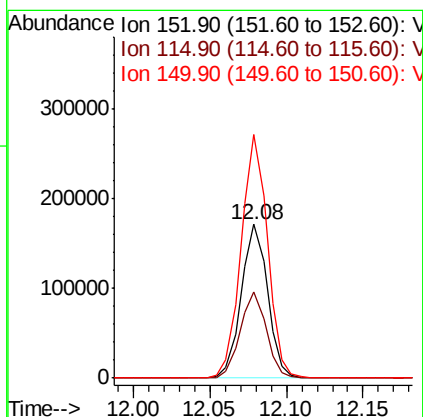
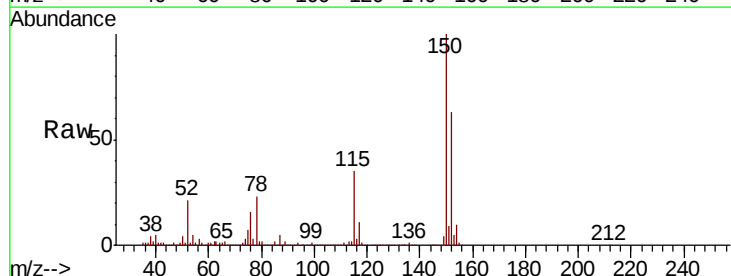
Instrument :
MSVOA_X
ClientSampled :
30002

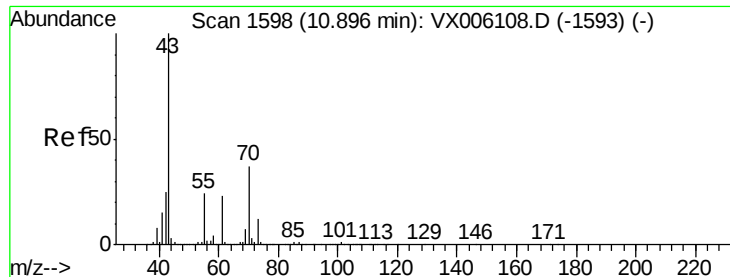
Tot Ion	Ratio	Lower	Upper
104	100		
78	74.7	39.4	59.2#
103	72.3	44.6	67.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.0	116.9
150	158.1	0.0	346.6





#74

N-amvl acetate

Concen: 2.977 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

30002

Tot Ion: 43 Resp: 5191

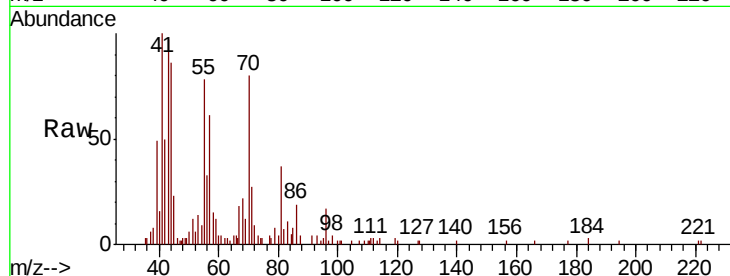
Ion Ratio Lower Upper

43 100

70 70.1 31.8 47.6#

55 63.6 19.5 29.3#

61 5.5 18.6 27.8#



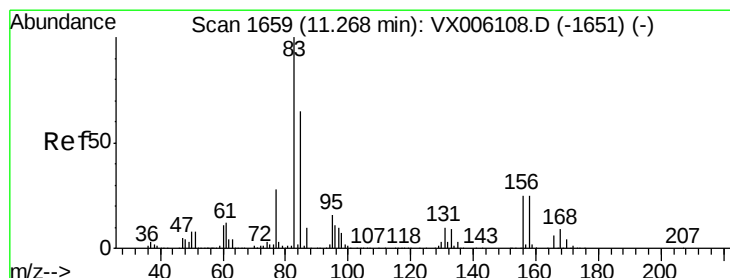
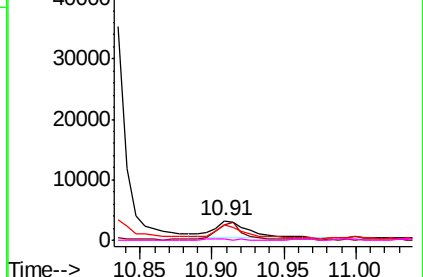
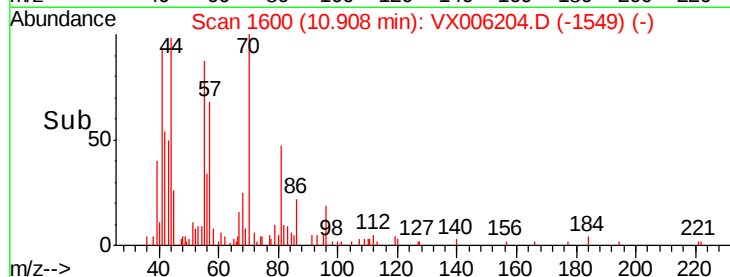
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 8.180 ug/l

RT: 11.21 min Scan# 1649

Delta R.T. -0.06 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

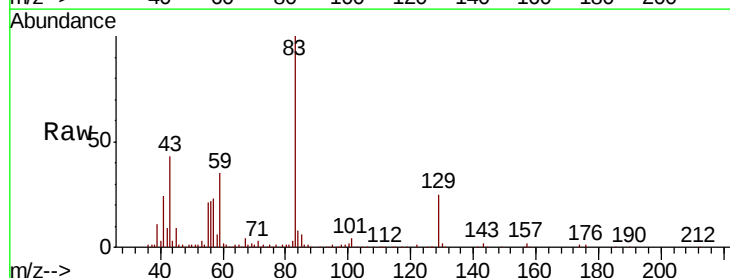
Tgt Ion: 83 Resp: 38246

Ion Ratio Lower Upper

83 100

131 0.2 5.2 15.6#

85 10.0 32.6 97.8#

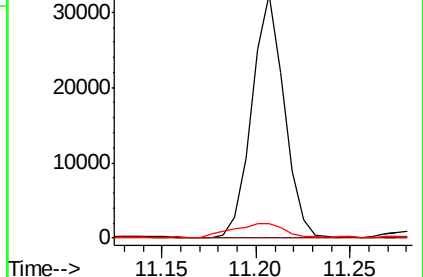
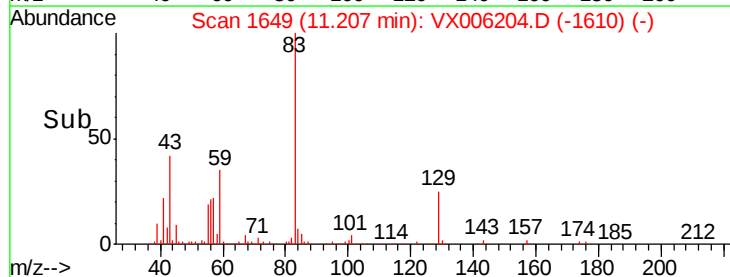


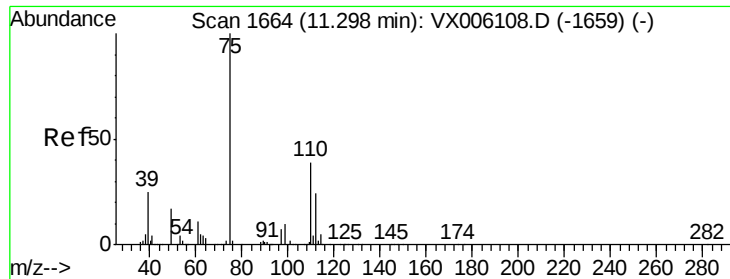
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

Time-->





#76

1,2,3-Trichloropropane

Concen: 23.136 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

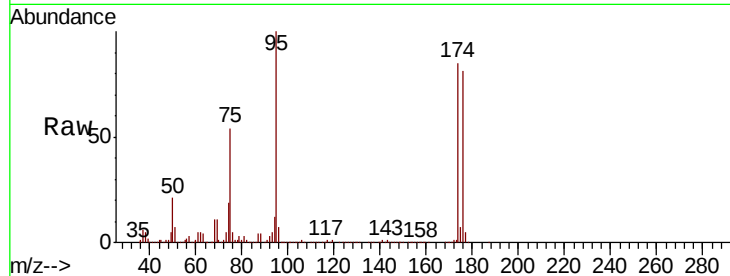
30002

Tot Ion: 75 Resp: 97669

Ion Ratio Lower Upper

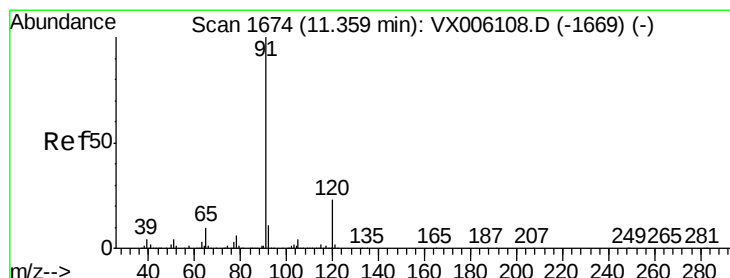
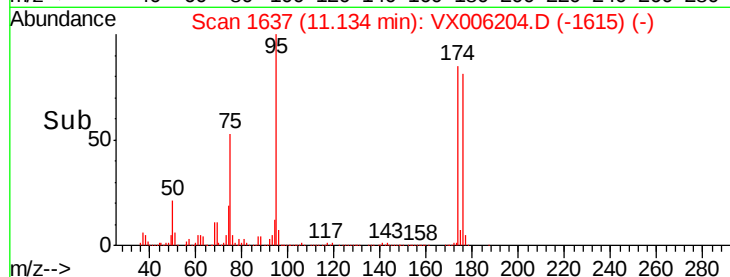
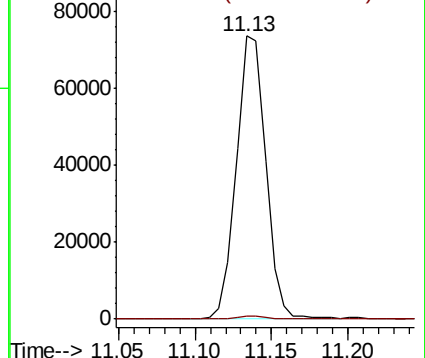
75 100

77 1.2 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.293 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006204.D

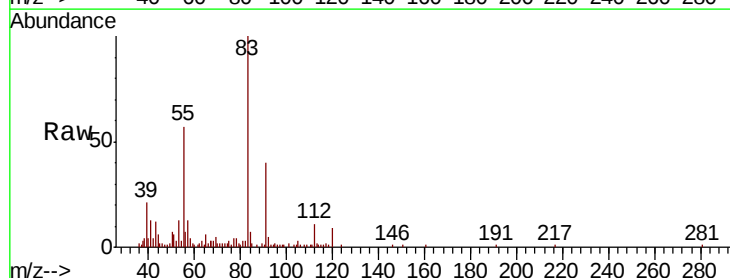
Acq: 27 Nov 2018 04:57

Tgt Ion: 91 Resp: 4227

Ion Ratio Lower Upper

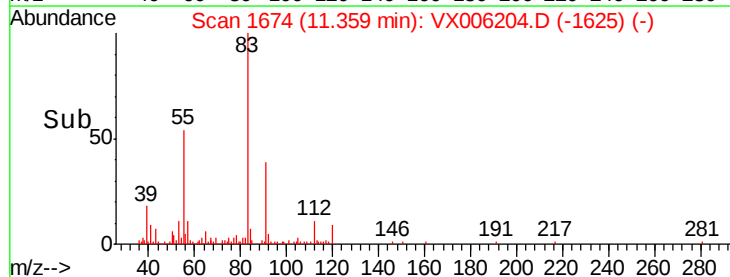
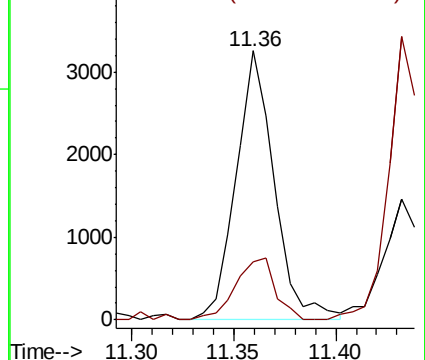
91 100

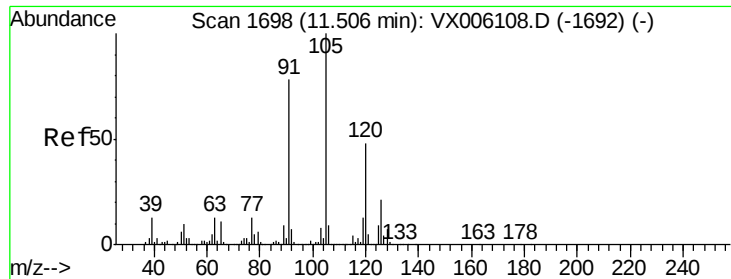
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.999 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

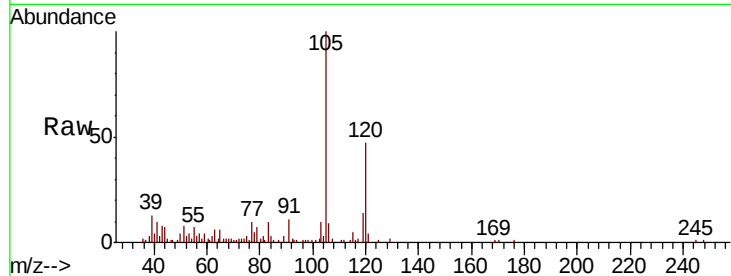
30002

Tot Ion:105 Resp: 10454

Ion Ratio Lower Upper

105 100

120 48.3 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.51

10000

8000

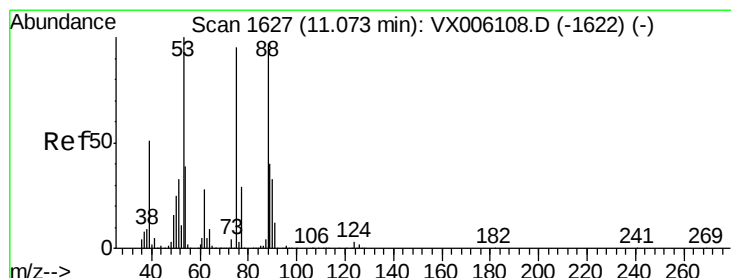
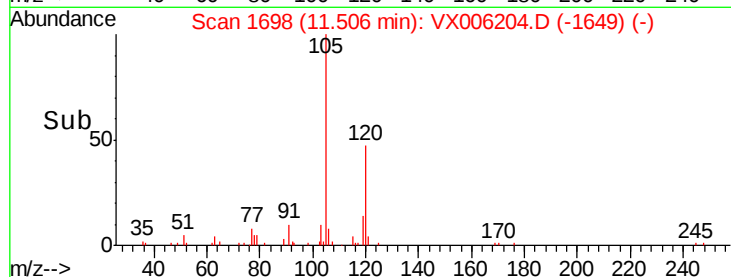
6000

4000

2000

0

Time--> 11.45 11.50 11.55



#81

trans-1,4-Dichloro-2-butene

Concen: 78.252 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

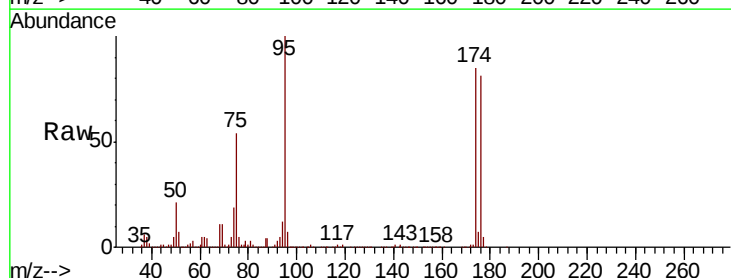
Tgt Ion: 75 Resp: 97669

Ion Ratio Lower Upper

75 100

53 0.1 85.3 127.9#

89 0.0 37.2 55.8#



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

100000

80000

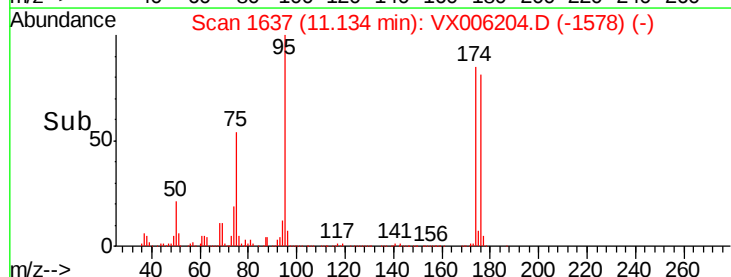
60000

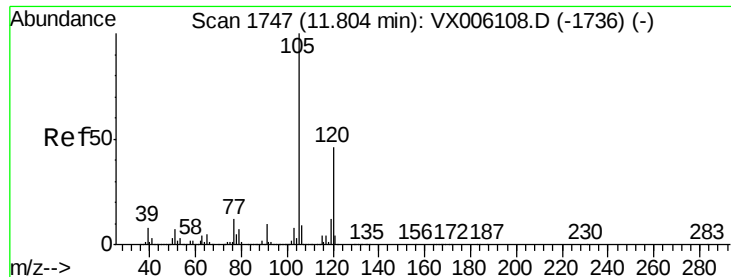
40000

20000

0

Time--> 11.05 11.10 11.15 11.20





#84

1,2,4-Trimethylbenzene

Concen: 2.980 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

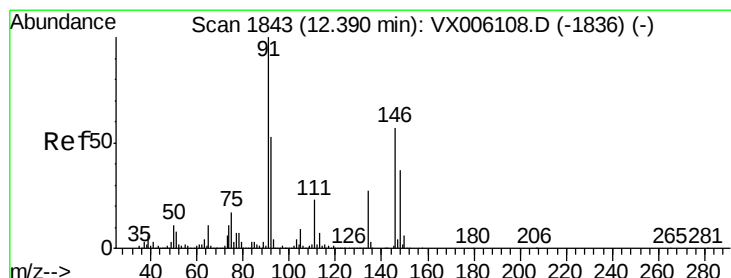
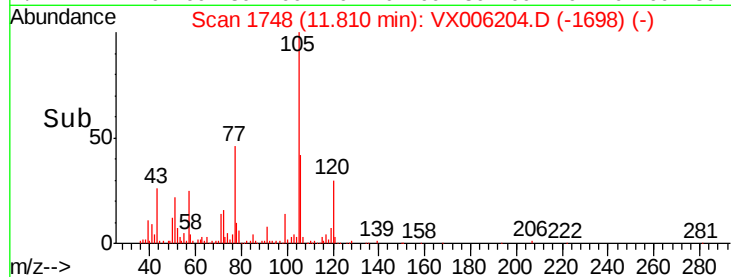
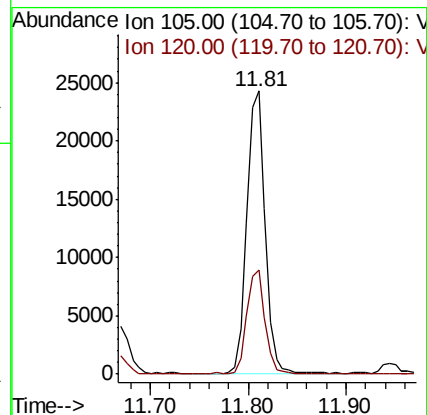
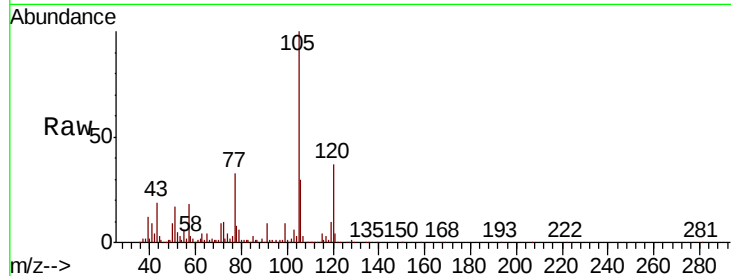
30002

Tot Ion: 105 Resp: 31795

Ion Ratio Lower Upper

105 100

120 36.0 22.7 68.0



#89

n-Butylbenzene

Concen: 0.211 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006204.D

Acq: 27 Nov 2018 04:57

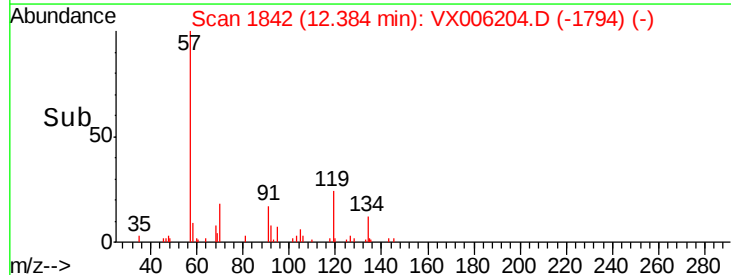
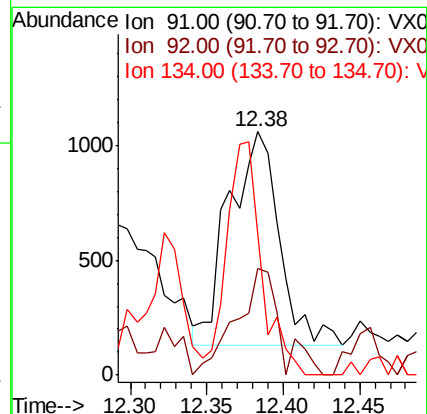
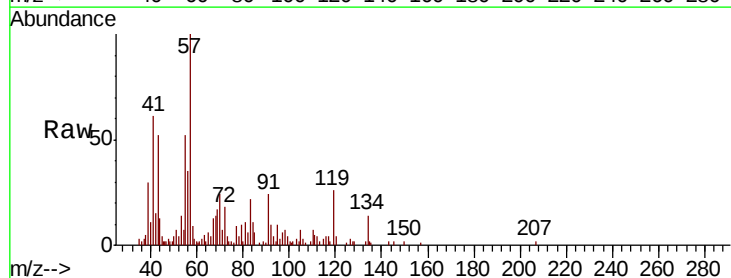
Tgt Ion: 91 Resp: 2126

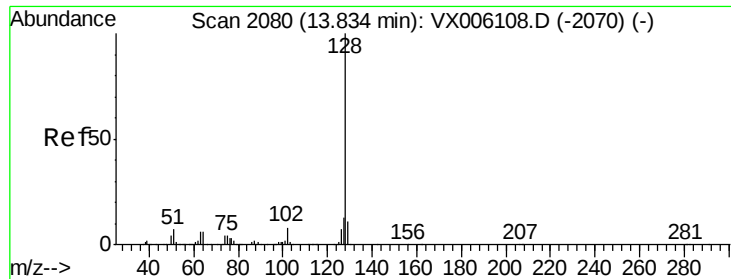
Ion Ratio Lower Upper

91 100

92 43.5 26.6 79.7

134 75.4 13.1 39.3#





#95
Naphthalene
Concen: 2.159 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006204.D
Acq: 27 Nov 2018 04:57

Instrument :
MSVOA_X
ClientSampleId :
30002

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	14.5	8.8	13.2#

