

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041219\
 Data File : VX008918.D
 Acq On : 13 Apr 2019 04:22
 Operator : JC/SP
 Sample : K2364-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-COMP-1

Quant Time: Apr 13 05:07:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123182	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	127160	43.49	ug/l	0.00
Spiked Amount			Recovery	=	86.98%	
35) Dibromofluoromethane	5.50	113	93311	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
50) Toluene-d8	8.71	98	398764	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.13	95	138650	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	678	Below Cal		98
5) Bromomethane	1.64	94	391	2.130 ug/l #		66
6) Chloroethane	1.52	64	731	Below Cal #		43
8) Diethyl Ether	2.19	74	681	0.417 ug/l #		1
10) Methyl Iodide	2.51	142	66	4.033 ug/l #		42
11) Tert butyl alcohol	3.06	59	23704	34.632 ug/l		99
13) Acrolein	2.31	56	1711	5.041 ug/l		89
14) Allyl chloride	2.78	41	3241	0.611 ug/l #		38
16) Acetone	2.45	43	285484	169.537 ug/l		99
17) Carbon Disulfide	2.57	76	1181	Below Cal #		83
18) Methyl Acetate	2.78	43	288637	70.676 ug/l		99
20) Methylene Chloride	2.85	84	45072	15.991 ug/l		99
22) Diisopropyl ether	3.96	45	13320	1.303 ug/l #		1
23) Vinyl Acetate	3.96	43	32434	3.646 ug/l #		76
25) 2-Butanone	4.67	43	359406	135.041 ug/l		99
28) Bromochloromethane	5.02	49	22	Below Cal #		22
29) Tetrahydrofuran	5.13	42	366	0.207 ug/l #		38
36) 1,1-Dichloropropene	5.67	75	15470	4.408 ug/l #		51
37) Ethyl Acetate	4.83	43	298515	63.720 ug/l		99
38) Carbon Tetrachloride	5.66	117	18867	6.495 ug/l #		17
40) Benzene	6.14	78	32229	3.082 ug/l		99
41) Methacrylonitrile	4.96	41	1709	0.635 ug/l #		27
43) Isopropyl Acetate	6.46	43	2198	0.300 ug/l #		64
49) 1,4-Dioxane	7.75	88	808	11.619 ug/l #		51
51) 4-Methyl-2-Pentanone	8.65	43	1296	0.274 ug/l		91
52) Toluene	8.78	92	277301	44.985 ug/l		100
59) 2-Hexanone	9.50	43	1159	0.316 ug/l		96
67) Ethyl Benzene	10.25	91	8038	0.691 ug/l		95
68) m/p-Xylenes	10.35	106	13054	3.121 ug/l		100
69) o-Xylene	10.70	106	4737	1.169 ug/l		96
76) 1,2,3-Trichloropropane	11.13	75	69864	20.646 ug/l #		34
80) 1,3,5-Trimethylbenzene	11.51	105	3110	0.363 ug/l		92
81) trans-1,4-Dichloro-2-buten	11.13	75	69864	56.911 ug/l #		9
84) 1,2,4-Trimethylbenzene	11.80	105	13368	1.541 ug/l		84

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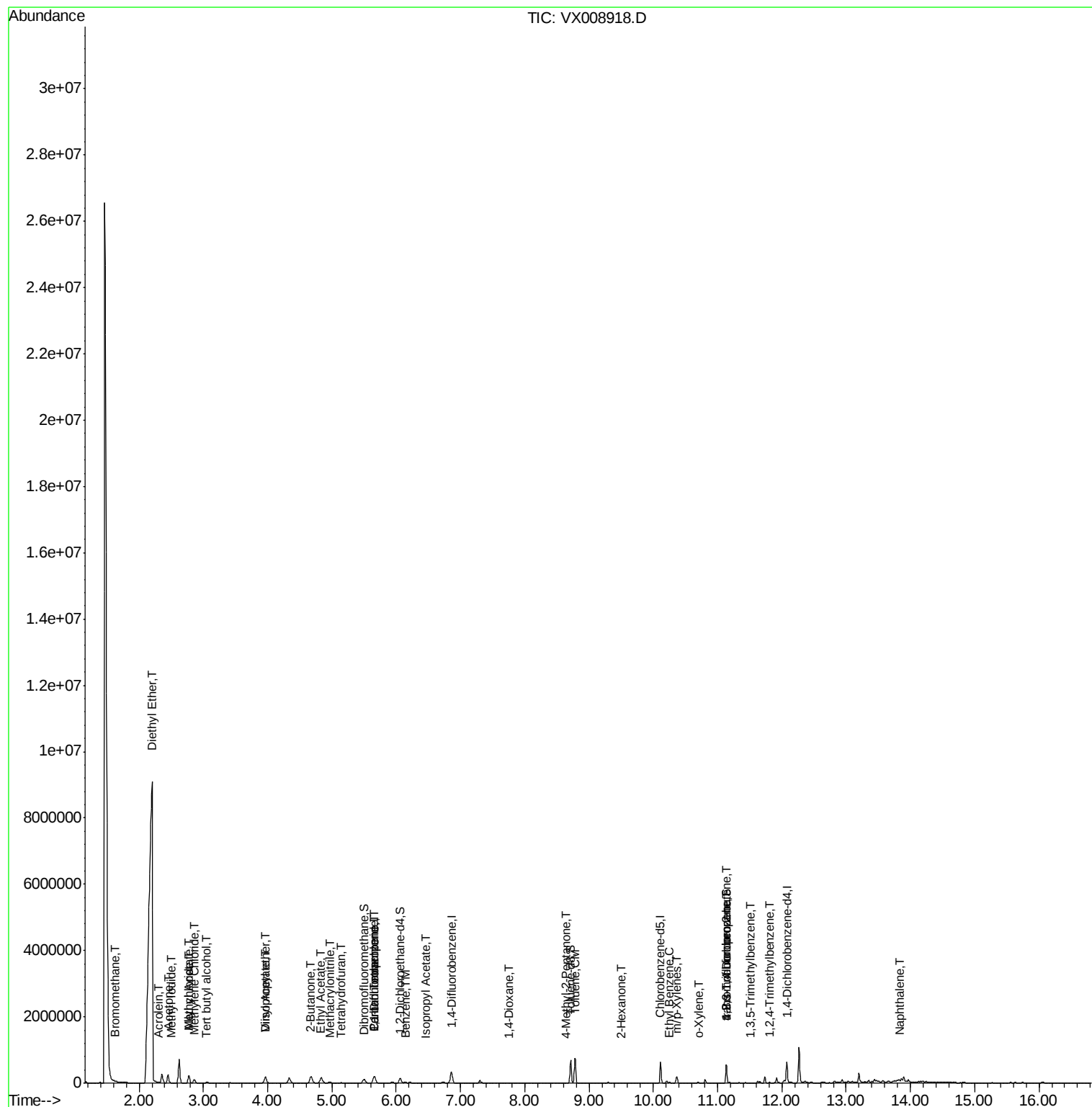
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	11943	1.178	ug/l #	92

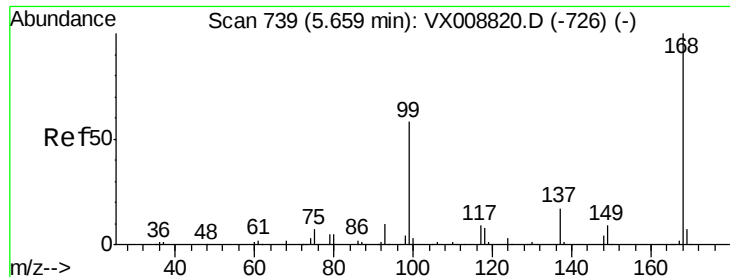
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

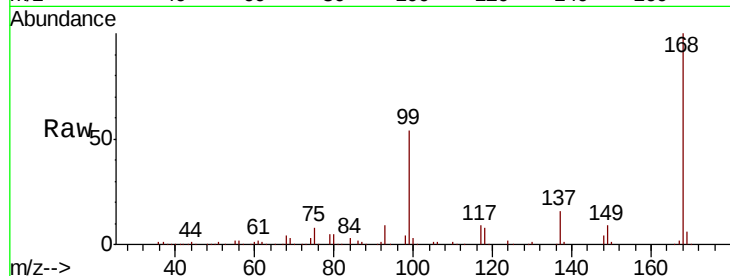
OR-COMP-1

Tot Ion:168 Resp: 200444

Ion Ratio Lower Upper

168 100

99 53.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

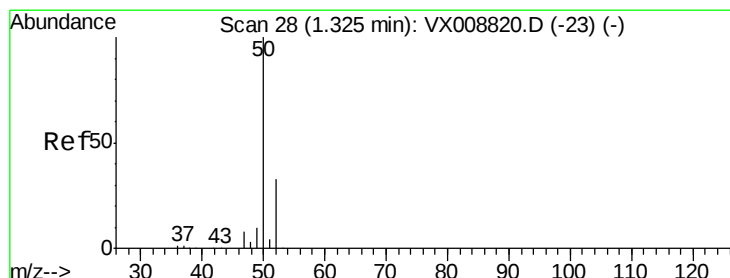
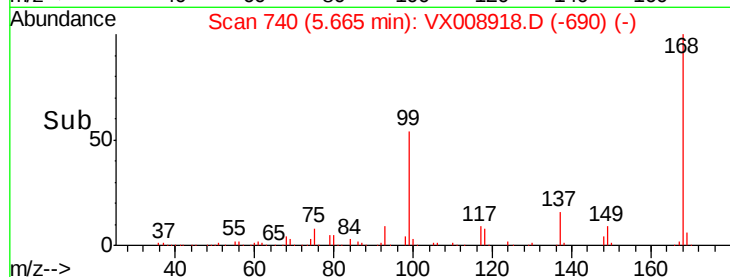
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008918.D

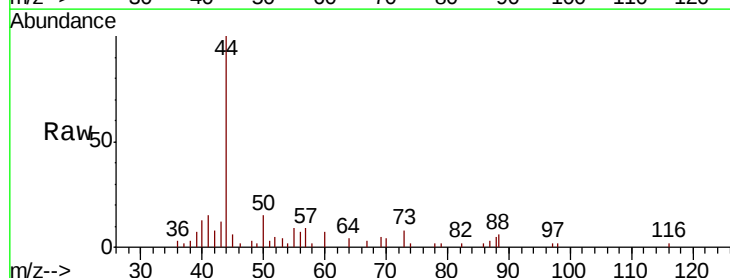
Acq: 13 Apr 2019 04:22

Tgt Ion: 50 Resp: 678

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

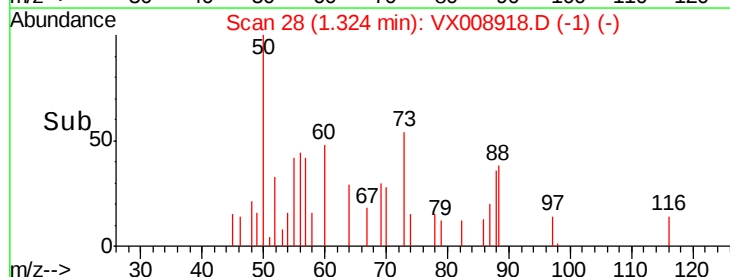
300

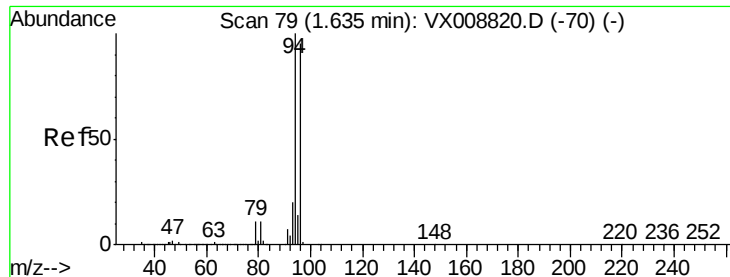
200

100

0

Time--> 1.25 1.30 1.35





#5

Bromomethane

Concen: 2.130 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampled :

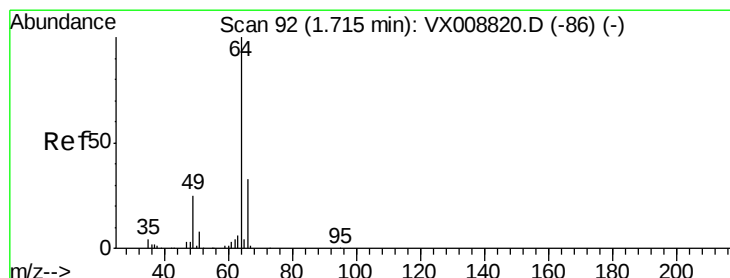
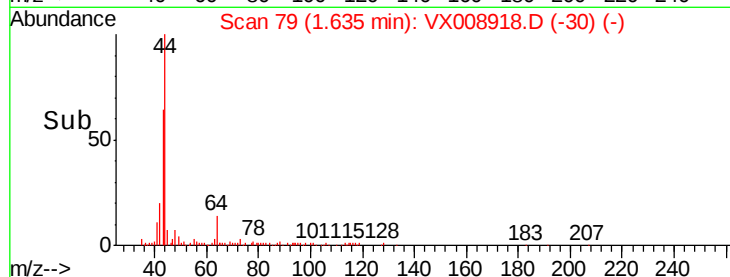
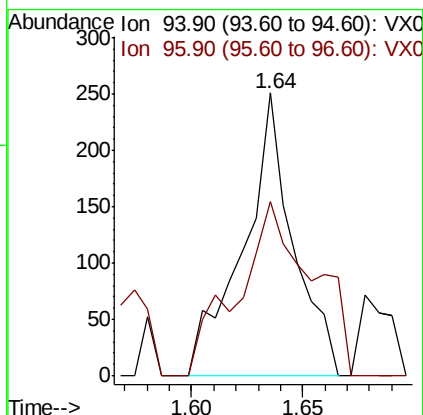
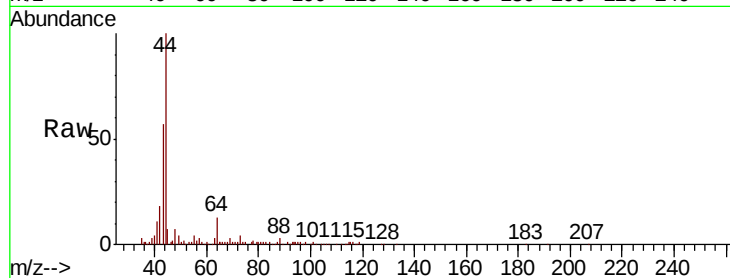
OR-COMP-1

Tot Ion: 94 Resp: 391

Ion Ratio Lower Upper

94 100

96 61.4 75.2 112.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.52 min Scan# 60

Delta R.T. -0.19 min

Lab File: VX008918.D

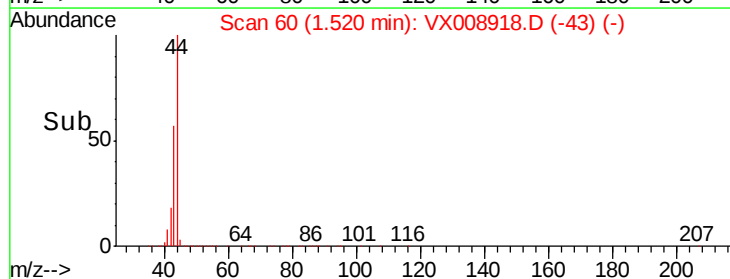
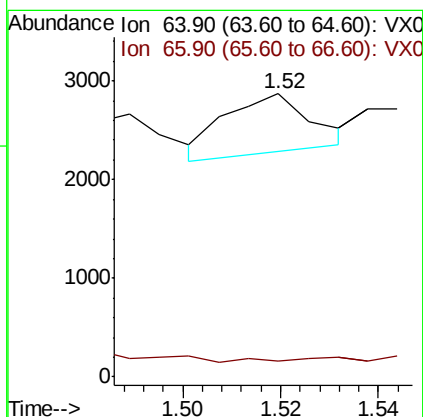
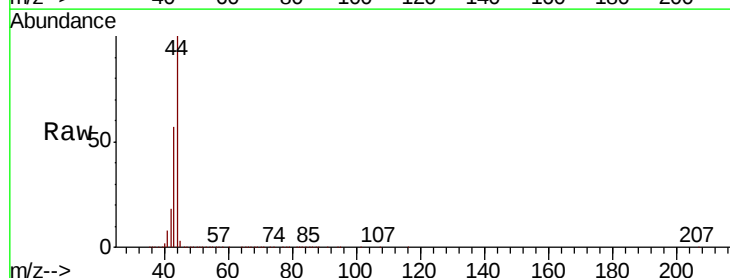
Acq: 13 Apr 2019 04:22

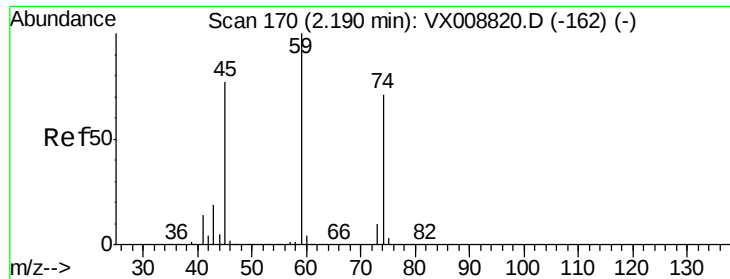
Tgt Ion: 64 Resp: 731

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#





#8

Diethyl Ether

Concen: 0.417 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

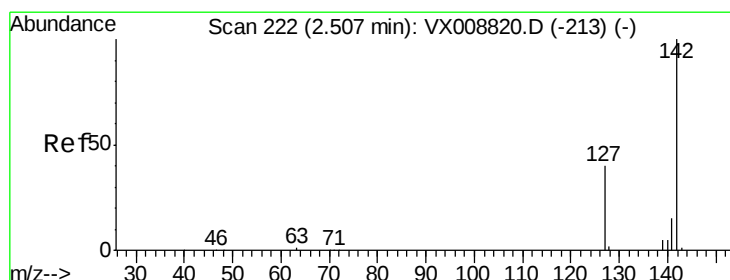
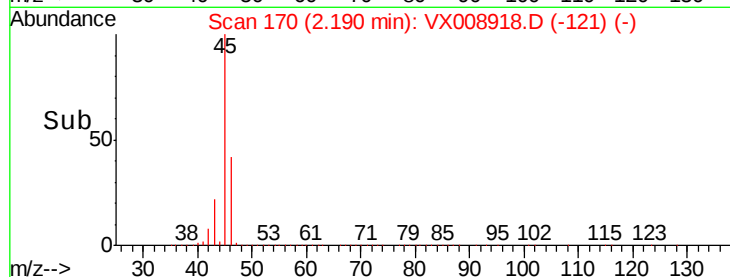
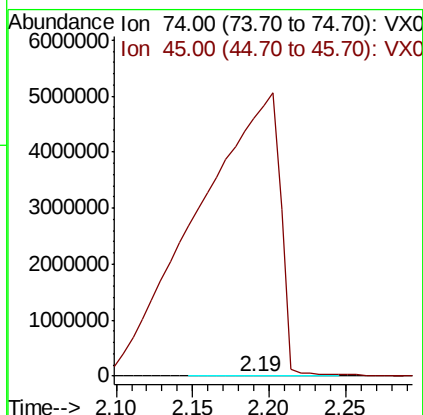
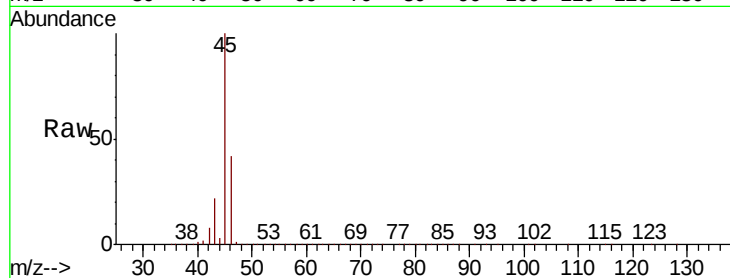
OR-COMP-1

Tot Ion: 74 Resp: 681

Ion Ratio Lower Upper

74 100

45 2832281.8 56.5 169.5#



#10

Methyl Iodide

Concen: 4.033 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

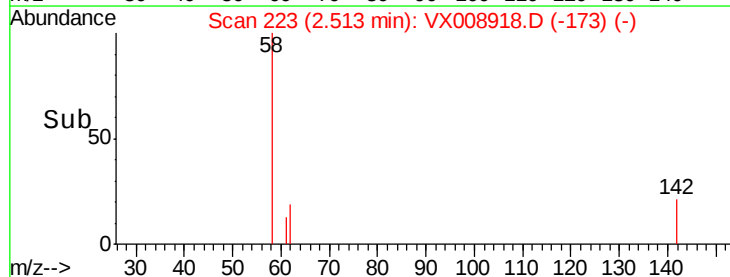
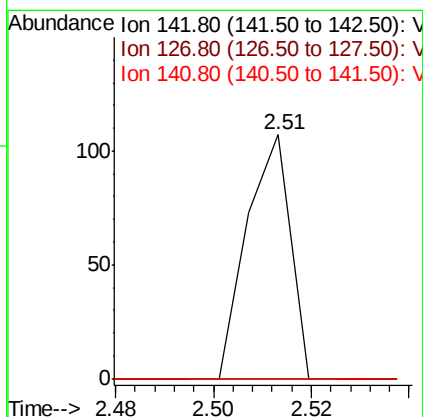
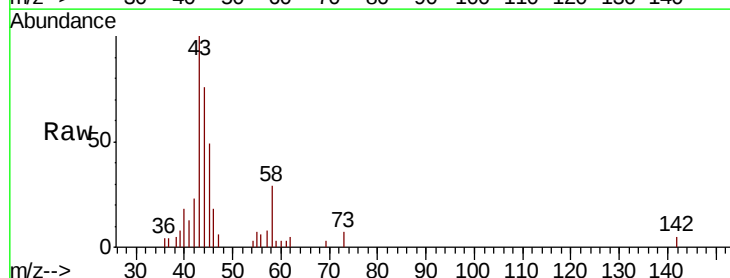
Tgt Ion: 142 Resp: 66

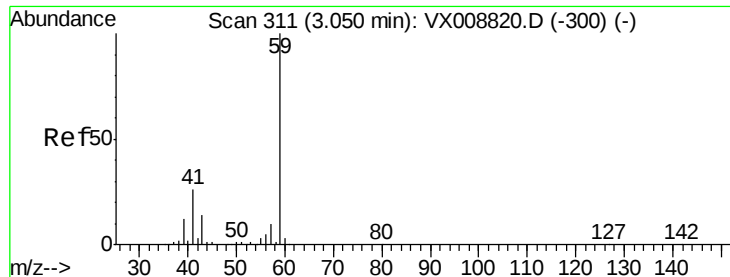
Ion Ratio Lower Upper

142 100

127 0.0 33.0 49.6#

141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 34.632 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.00 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

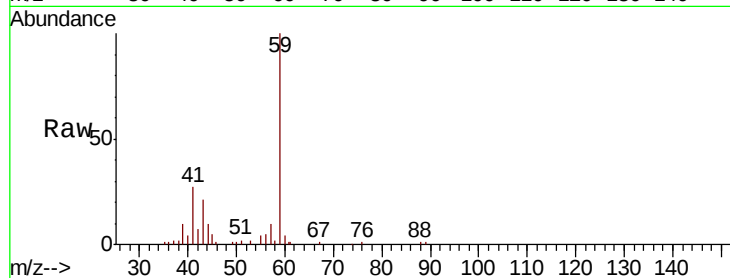
OR-COMP-1

Tot Ion: 59 Resp: 23704

Ion Ratio Lower Upper

59 100

57 10.8 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

12000

10000

8000

6000

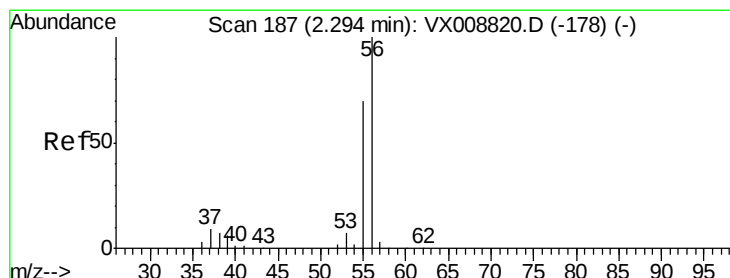
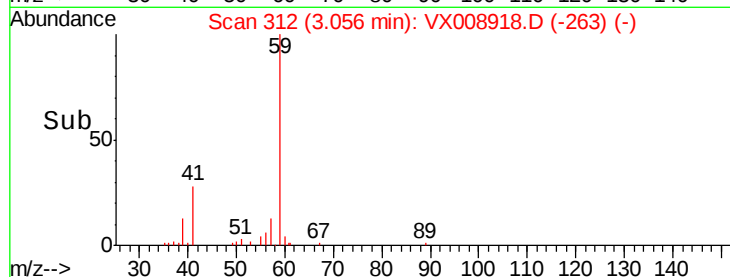
4000

2000

0

Time-->

3.00 3.10 3.20



#13

Acrolein

Concen: 5.041 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.02 min

Lab File: VX008918.D

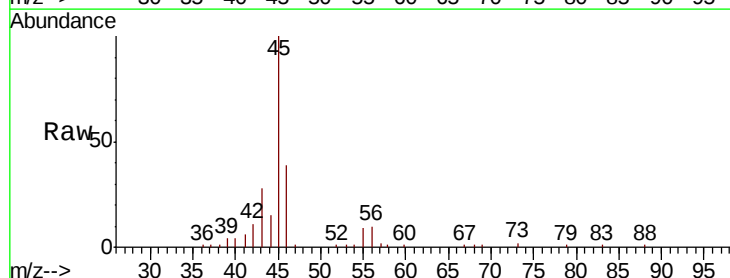
Acq: 13 Apr 2019 04:22

Tgt Ion: 56 Resp: 1711

Ion Ratio Lower Upper

56 100

55 62.9 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

6000

5000

4000

3000

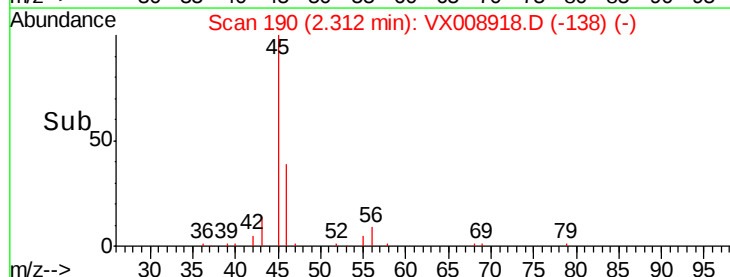
2000

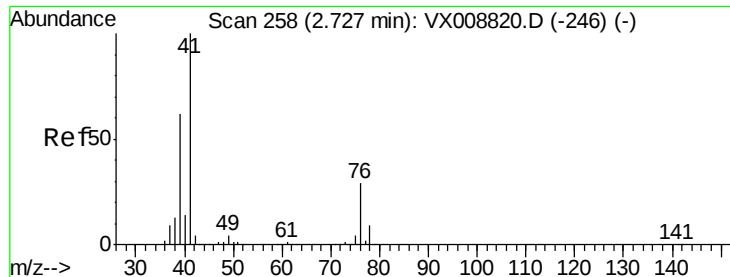
1000

0

Time-->

2.25 2.30 2.35





#14

Allvl chloride

Concen: 0.611 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.05 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-1

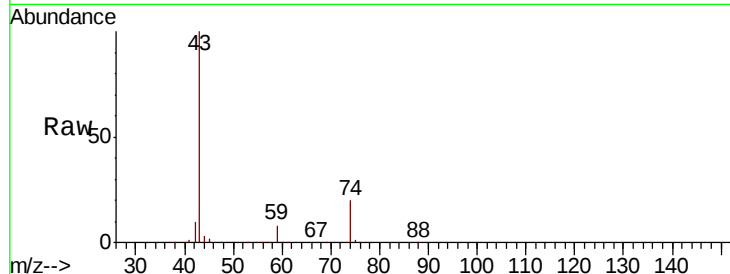
Tot Ion: 41 Resp: 3241

Ion Ratio Lower Upper

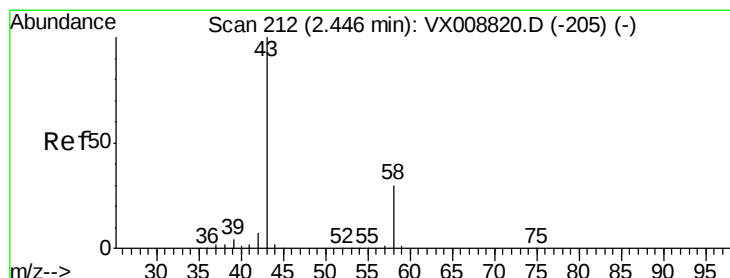
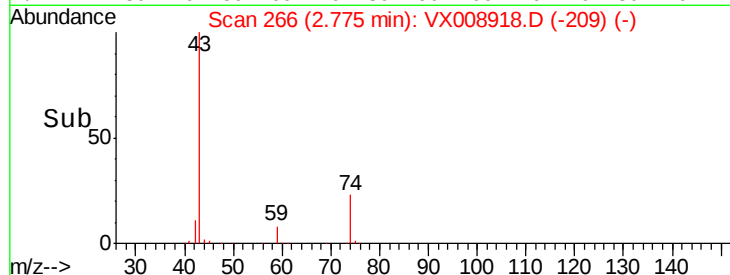
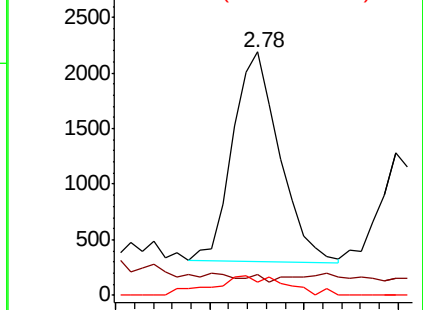
41 100

39 0.0 48.0 72.0#

76 14.7 22.0 33.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 169.537 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008918.D

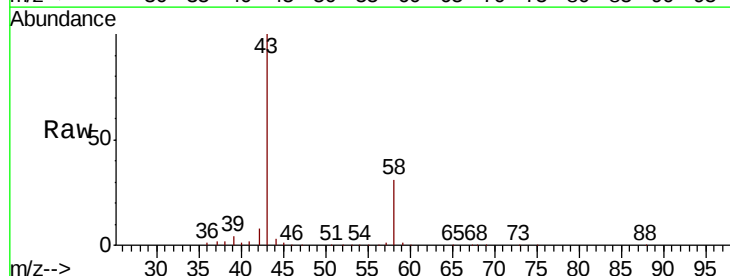
Acq: 13 Apr 2019 04:22

Tgt Ion: 43 Resp: 285484

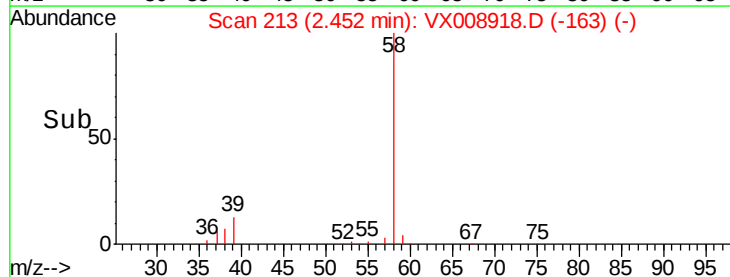
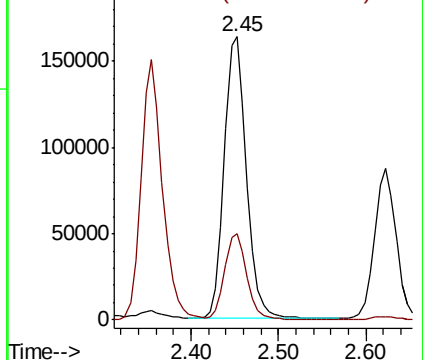
Ion Ratio Lower Upper

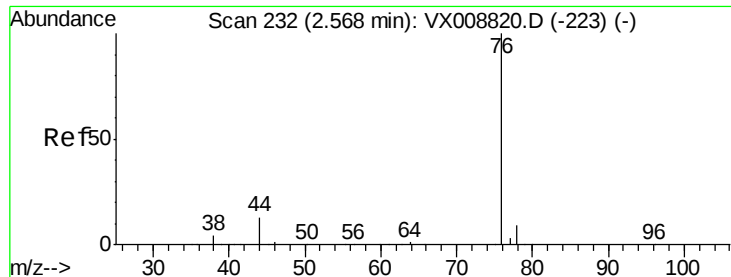
43 100

58 30.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

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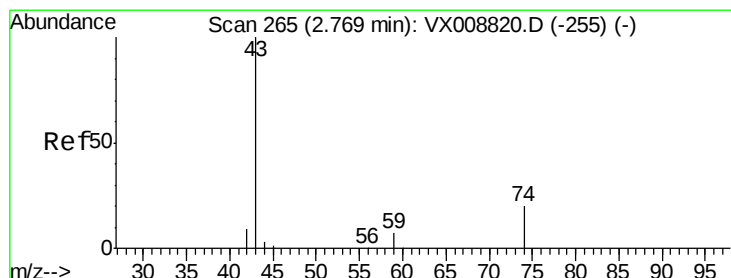
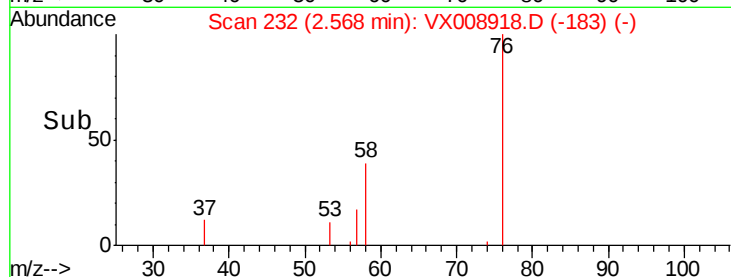
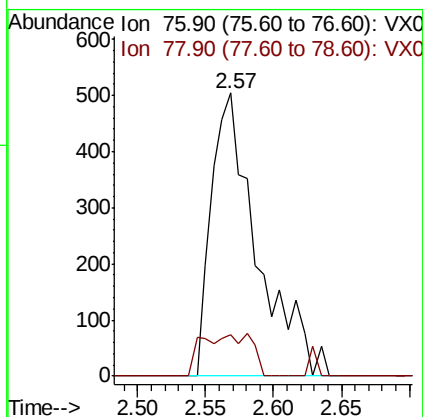
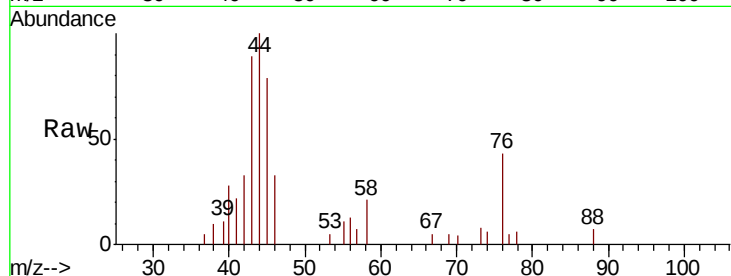
OR-COMP-1

Tot Ion: 76 Resp: 1181

Ion Ratio Lower Upper

76 100

78 14.9 7.1 10.7#



#18

Methyl Acetate

Concen: 70.676 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008918.D

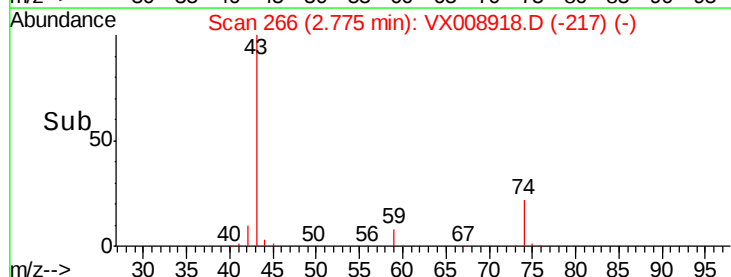
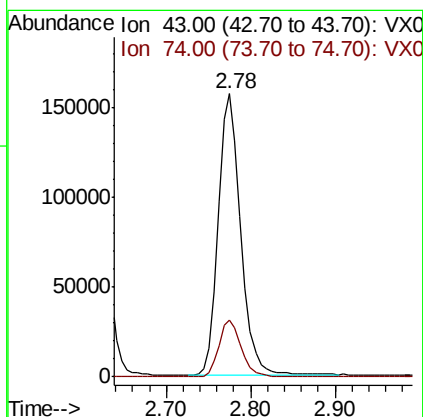
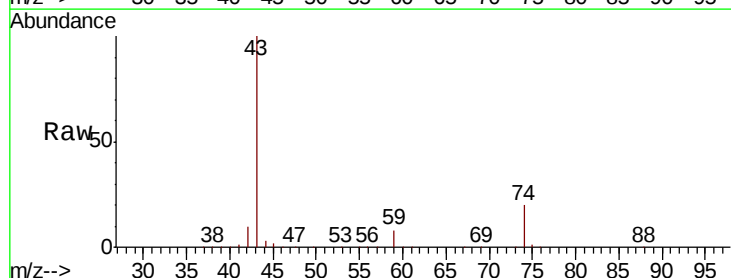
Acq: 13 Apr 2019 04:22

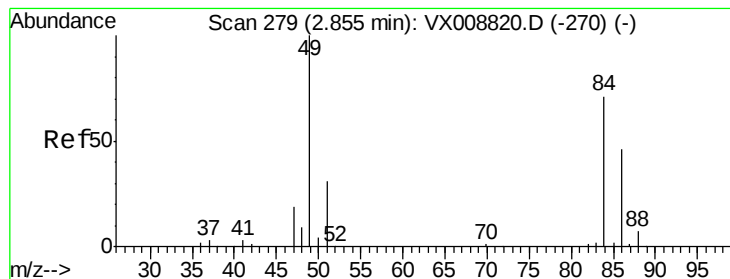
Tgt Ion: 43 Resp: 288637

Ion Ratio Lower Upper

43 100

74 20.3 16.5 24.7





#20

Methvlene Chloride

Concen: 15.991 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-1

Tot Ion: 84 Resp: 45072

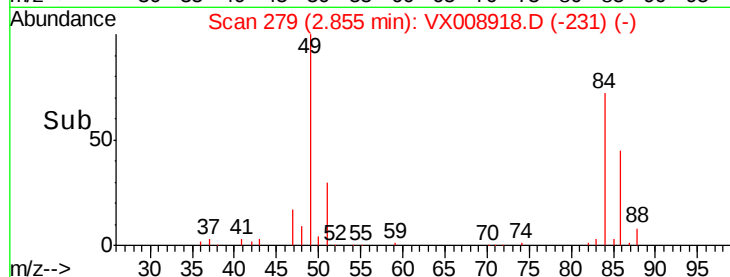
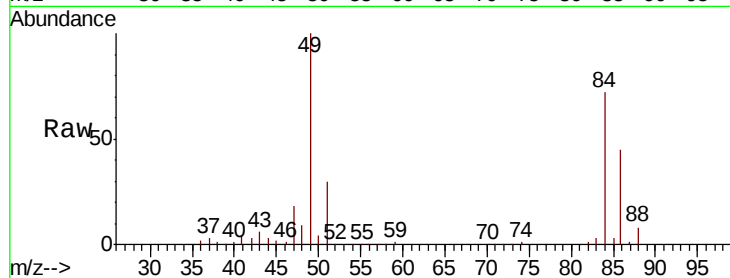
Ion Ratio Lower Upper

84 100

49 138.1 109.7 164.5

51 42.0 33.6 50.4

86 61.9 51.4 77.2

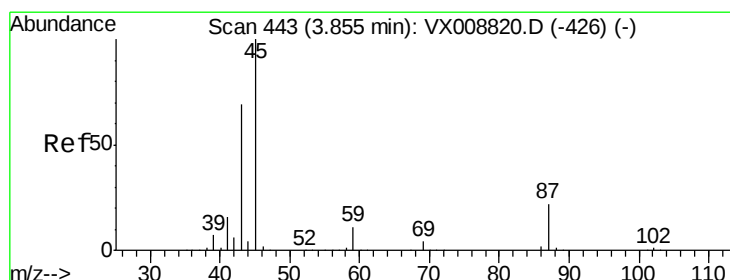
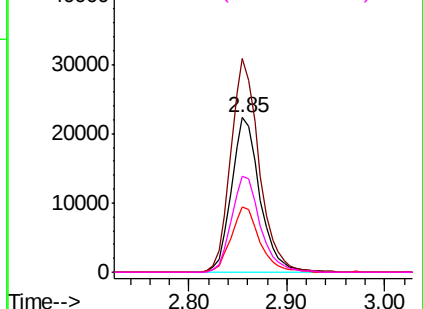


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#22

Diisopropyl ether

Concen: 1.303 ug/l

RT: 3.96 min Scan# 461

Delta R.T. 0.10 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Tgt Ion: 45 Resp: 13320

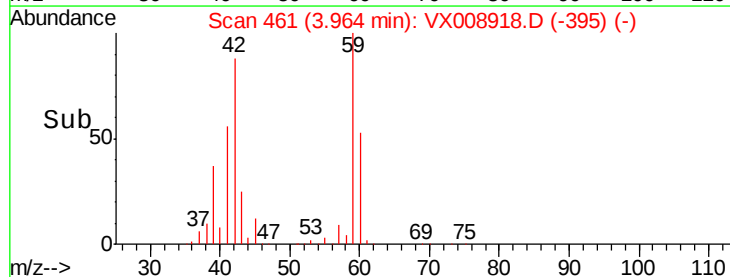
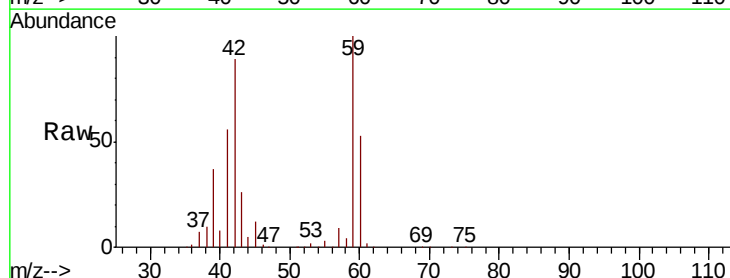
Ion Ratio Lower Upper

45 100

43 209.4 51.3 76.9#

87 0.0 18.1 27.1#

59 822.0 8.6 13.0#

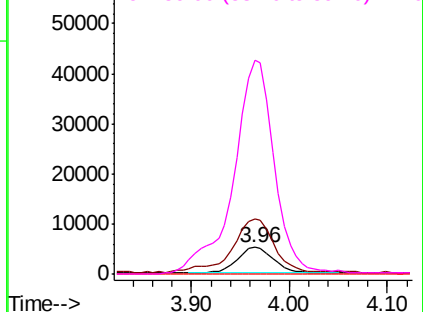


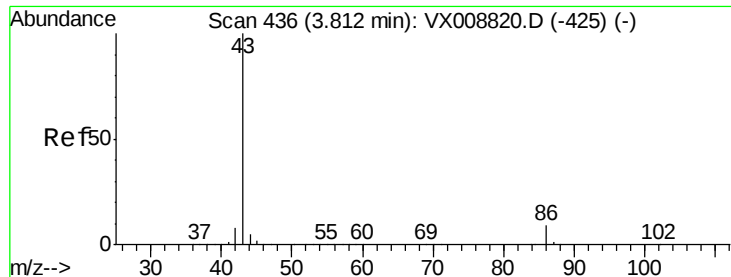
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 3.646 ug/l

RT: 3.96 min Scan# 461

Delta R.T. 0.15 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

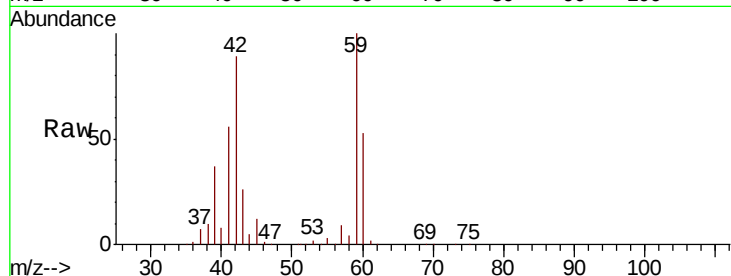
OR-COMP-1

Tot Ion: 43 Resp: 32434

Ion Ratio Lower Upper

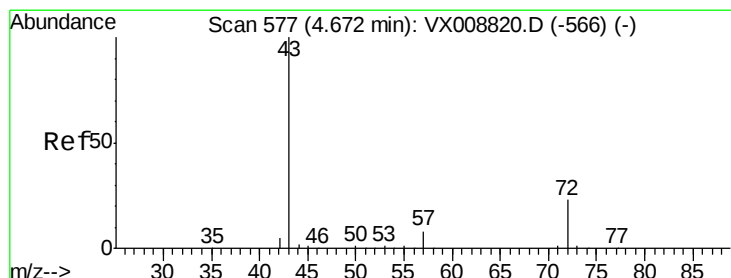
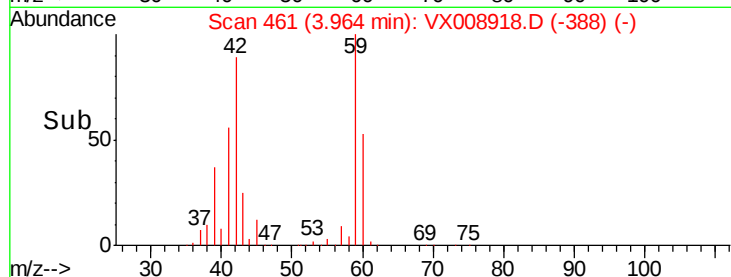
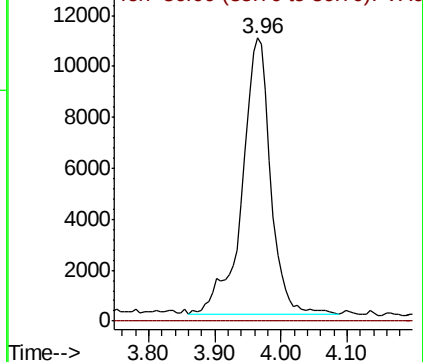
43 100

86 0.0 7.0 10.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#25

2-Butanone

Concen: 135.041 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008918.D

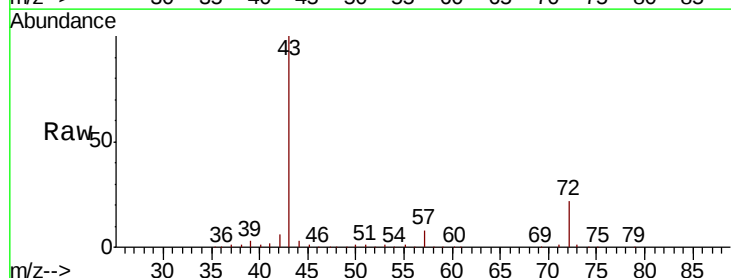
Acq: 13 Apr 2019 04:22

Tgt Ion: 43 Resp: 359406

Ion Ratio Lower Upper

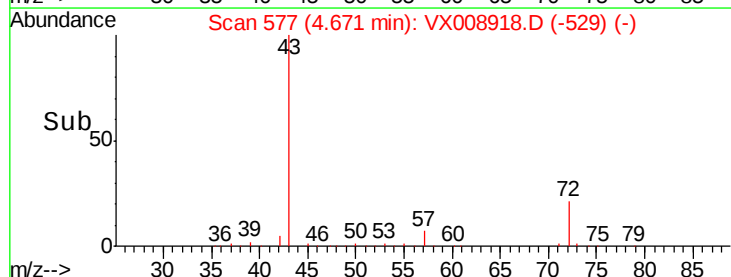
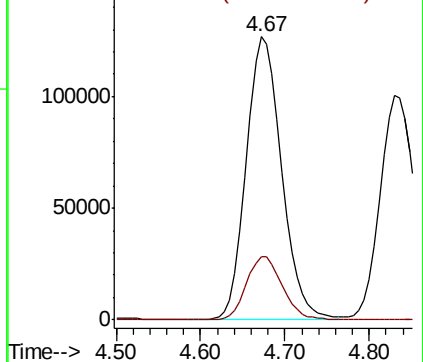
43 100

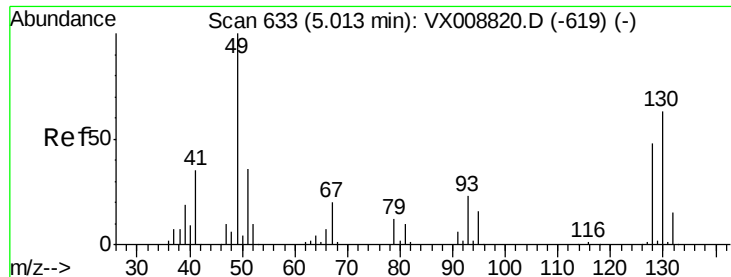
72 22.4 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-1

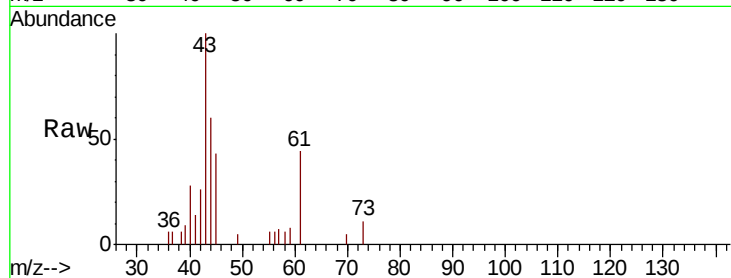
Tot Ion: 49 Resp: 22

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

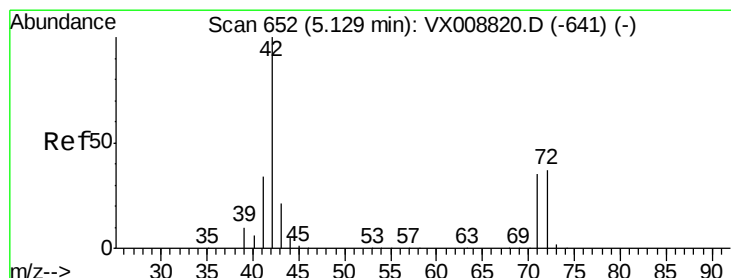
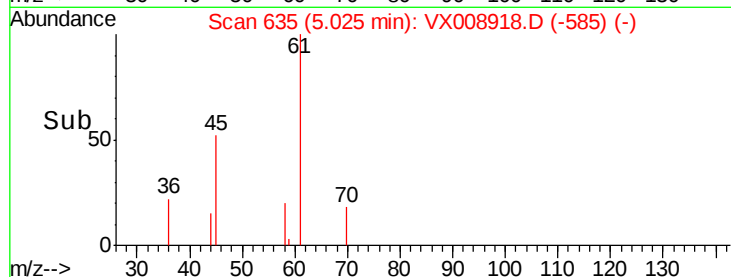
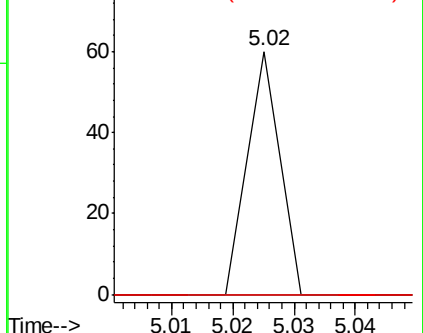
130 0.0 49.3 73.9#



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: 0.207 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

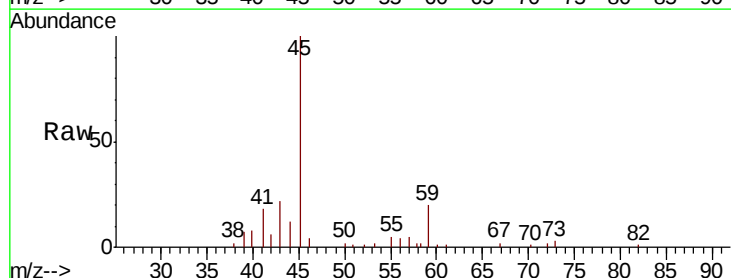
Tgt Ion: 42 Resp: 366

Ion Ratio Lower Upper

42 100

72 0.0 30.5 45.7#

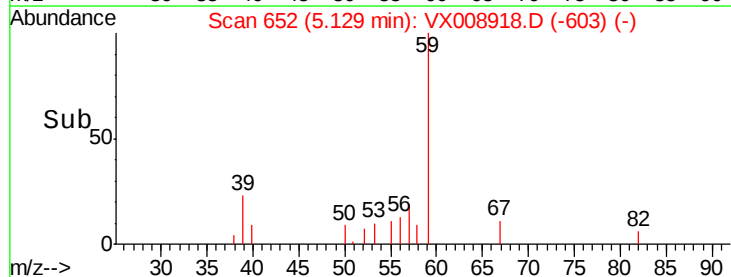
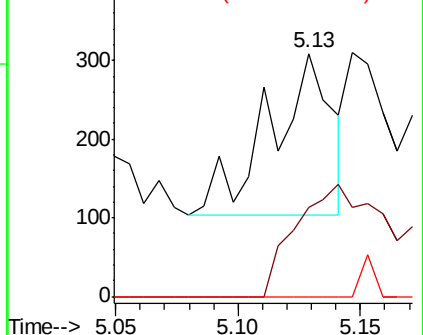
71 0.0 28.6 43.0#

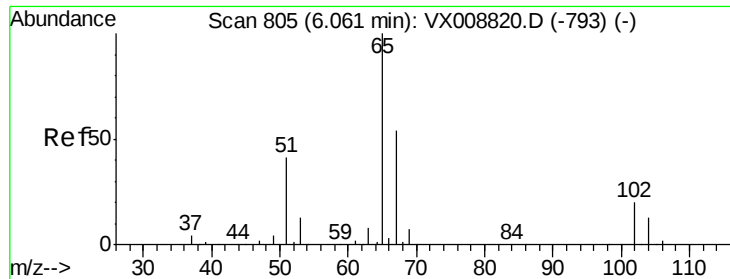


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

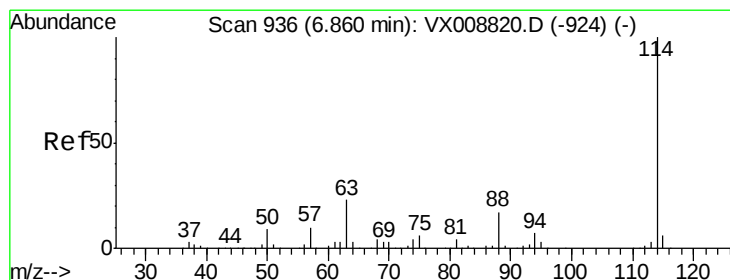
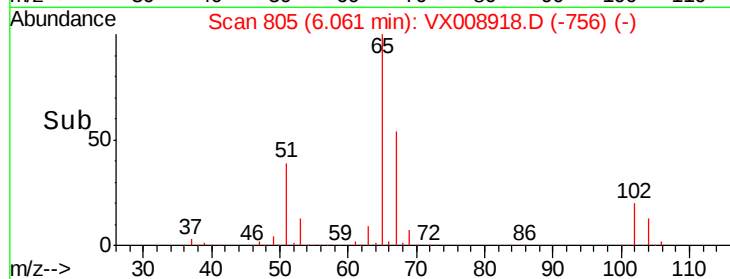
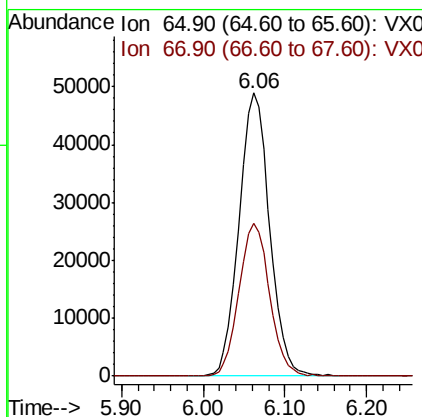
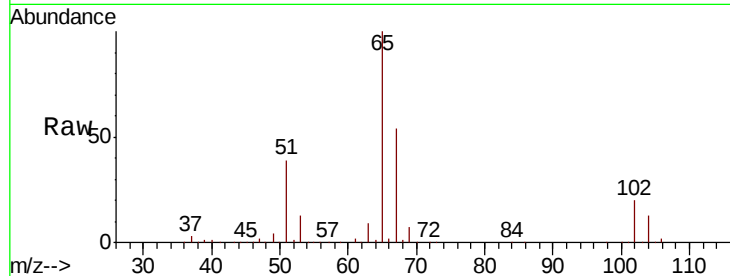




#33
 1,2-Dichloroethane-d4
 Concen: 43.494 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008918.D
 Acq: 13 Apr 2019 04:22

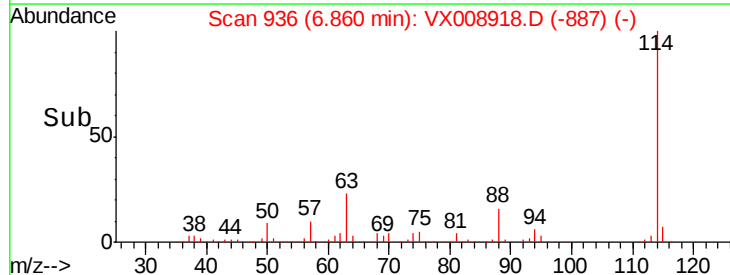
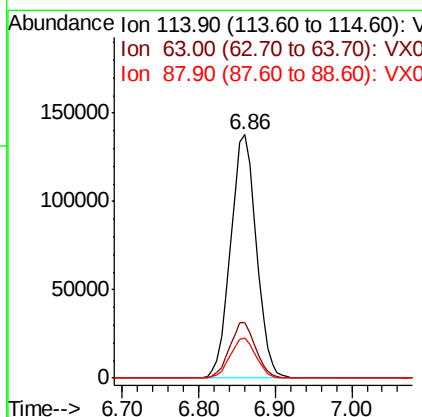
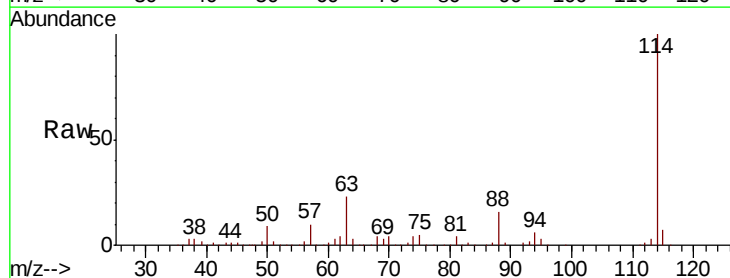
Instrument :
 MSVOA_X
 ClientSampled :
 OR-COMP-1

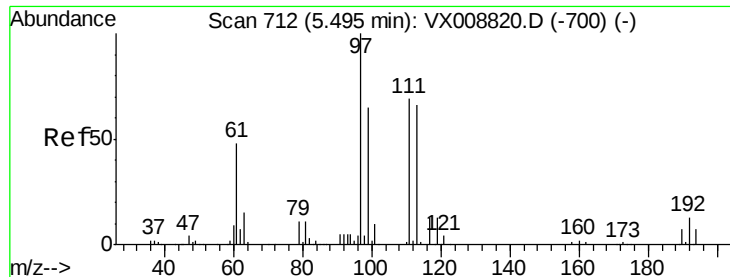
Tot Ion: 65 Resp: 127160
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008918.D
 Acq: 13 Apr 2019 04:22

Tgt Ion: 114 Resp: 321083
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.2
 88 16.3 0.0 34.0

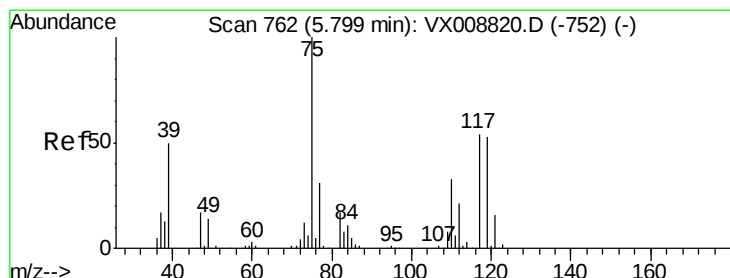
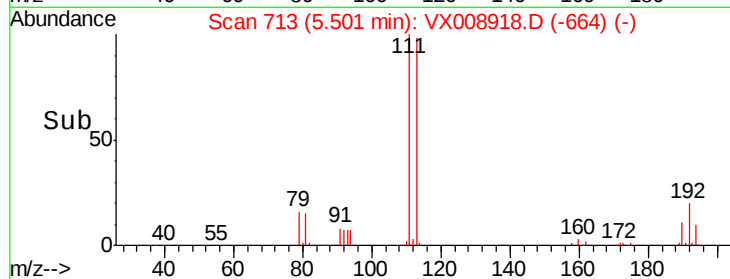
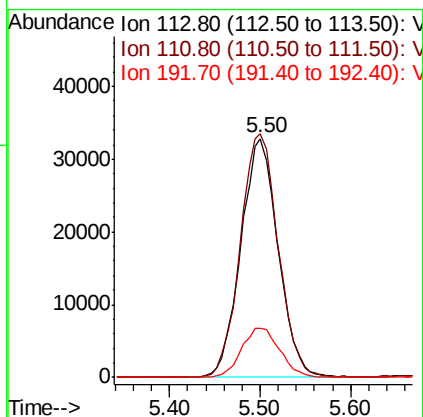
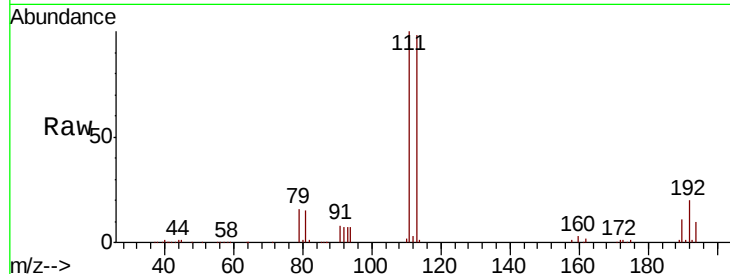




#35
 Dibromofluoromethane
 Concen: 45.454 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008918.D
 Acq: 13 Apr 2019 04:22

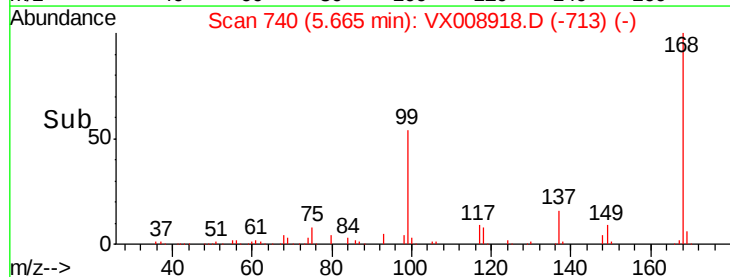
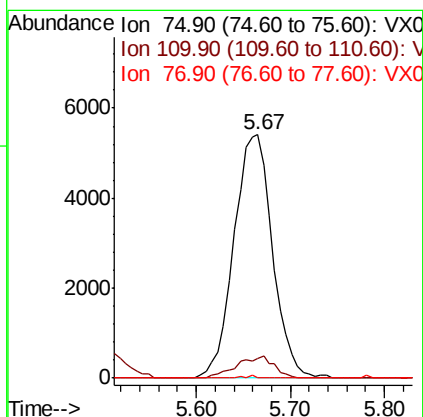
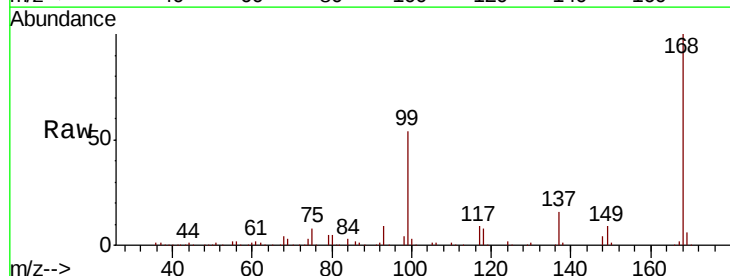
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-COMP-1

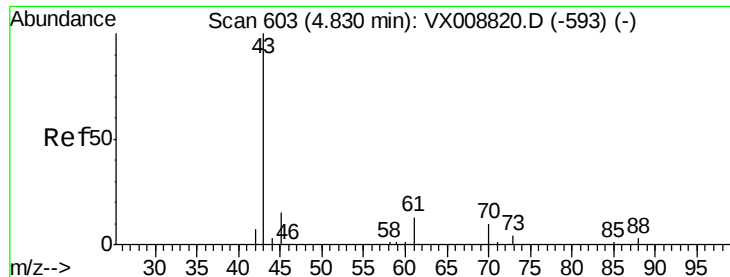
Tot Ion:113 Resp: 93311
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.4 125.2
 192 21.3 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 4.408 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX008918.D
 Acq: 13 Apr 2019 04:22

Tgt Ion: 75 Resp: 15470
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.4 49.2#
 77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 63.720 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-1

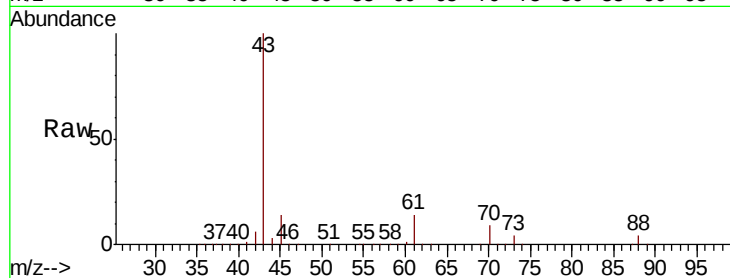
Tot Ion: 43 Resp: 298515

Ion Ratio Lower Upper

43 100

61 13.5 10.3 15.5

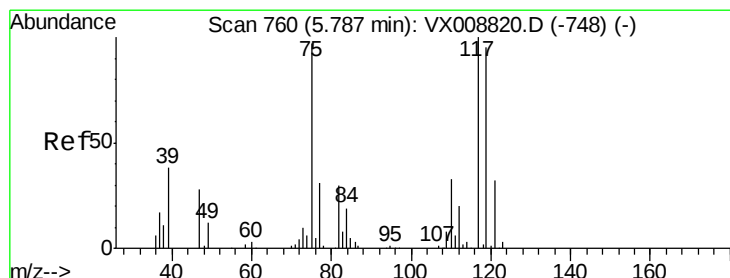
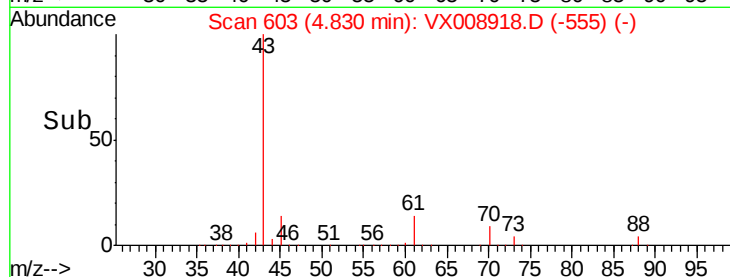
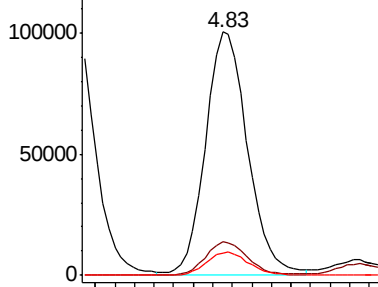
70 9.8 7.6 11.4



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: 6.495 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

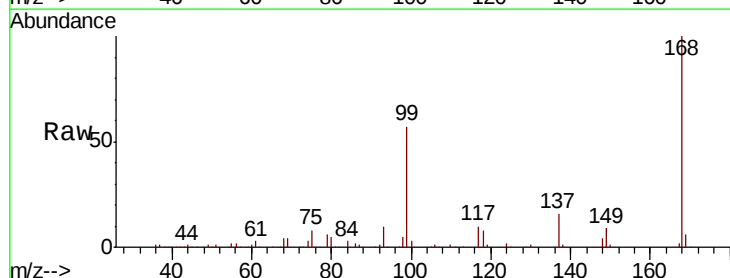
Tgt Ion: 117 Resp: 18867

Ion Ratio Lower Upper

117 100

119 5.3 75.0 112.6#

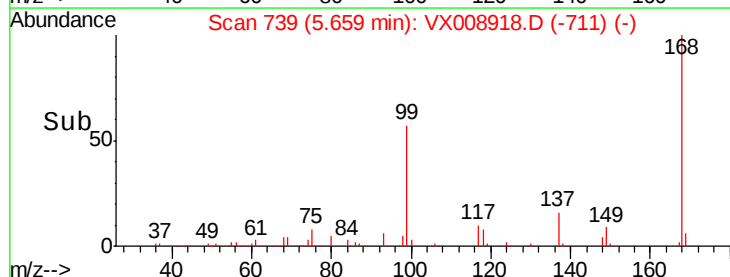
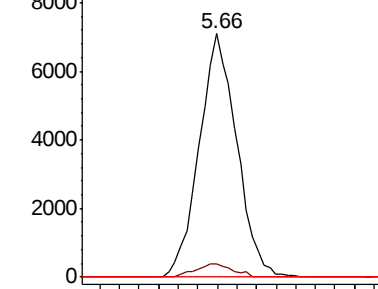
121 0.0 24.3 36.5#

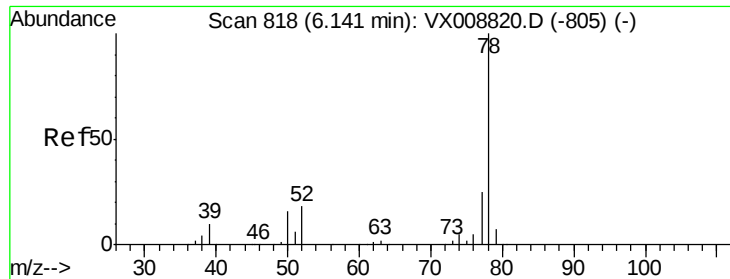


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 3.082 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampled :

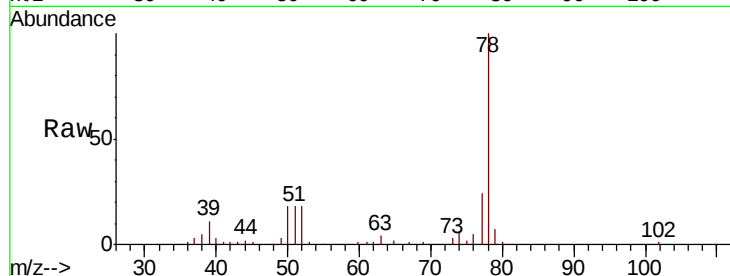
OR-COMP-1

Tot Ion: 78 Resp: 32229

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

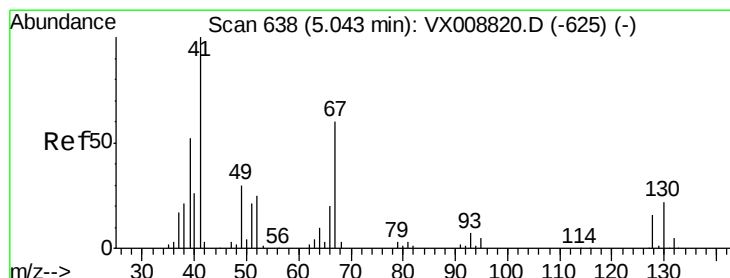
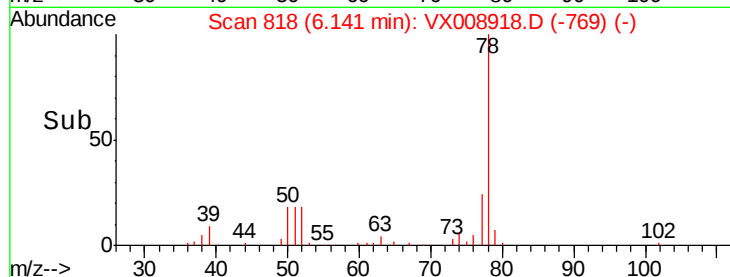
10000

5000

0

Time-->

6.00 6.10 6.20 6.30



#41

Methacrylonitrile

Concen: 0.635 ug/l

RT: 4.96 min Scan# 625

Delta R.T. -0.08 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Tgt Ion: 41 Resp: 1709

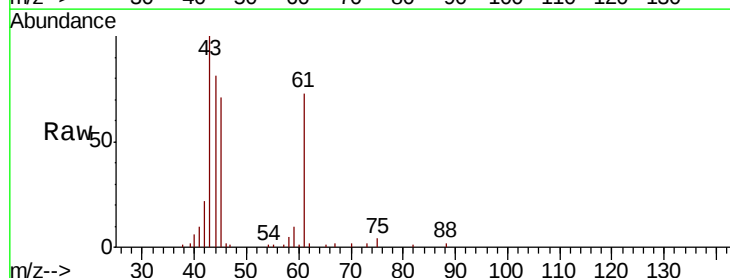
Ion Ratio Lower Upper

41 100

39 0.0 42.1 63.1#

67 0.0 51.0 76.6#

52 0.0 21.4 32.0#



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

4.96

1000

800

600

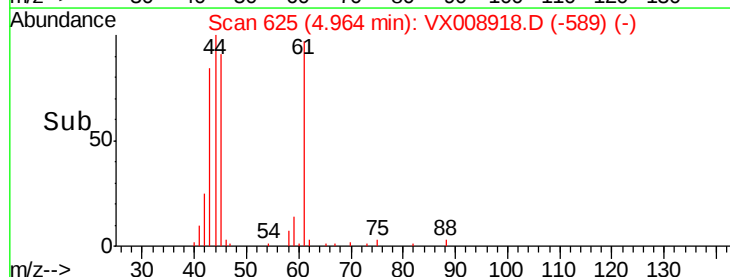
400

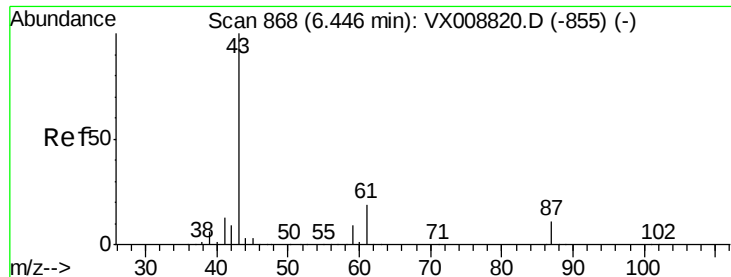
200

0

Time-->

4.90 4.95 5.00 5.05





#43

Isopropyl Acetate

Concen: 0.300 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.02 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampled :

OR-COMP-1

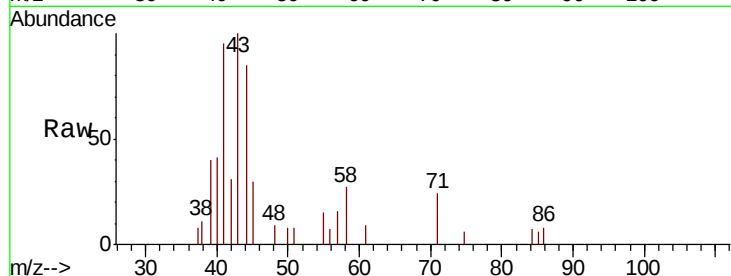
Tot Ion: 43 Resp: 2198

Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#

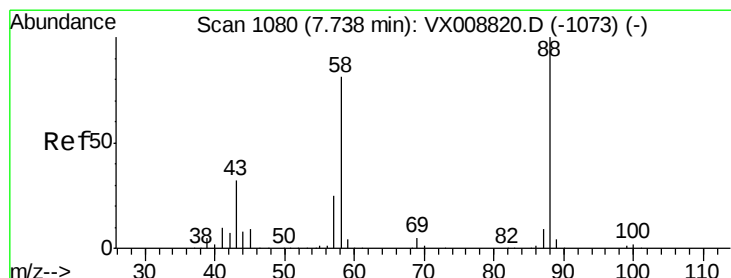
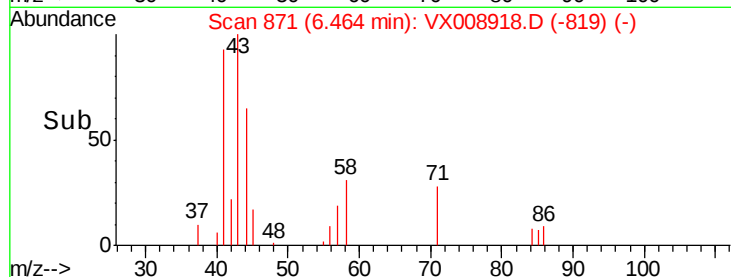
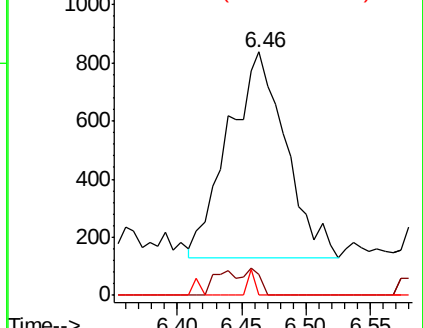
87 1.5 9.0 13.6#



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



#49

1,4-Dioxane

Concen: 11.619 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

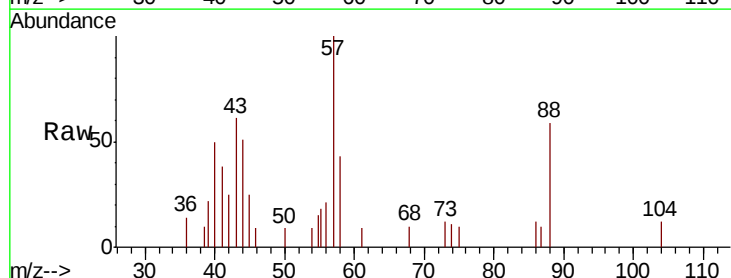
Tgt Ion: 88 Resp: 808

Ion Ratio Lower Upper

88 100

43 99.5 28.6 43.0#

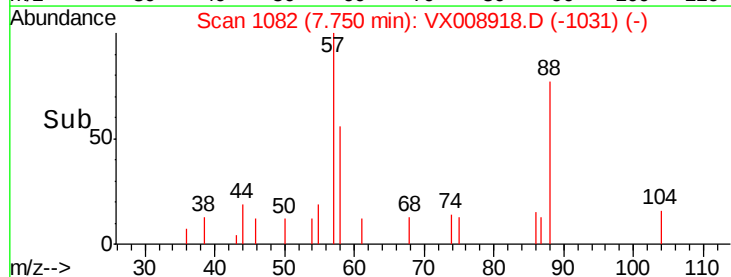
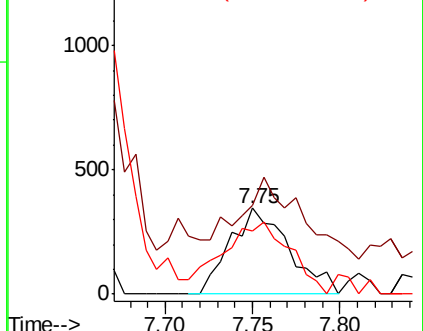
58 96.7 62.2 93.2#

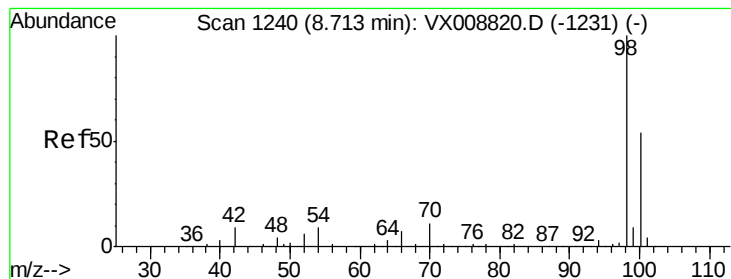


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.784 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

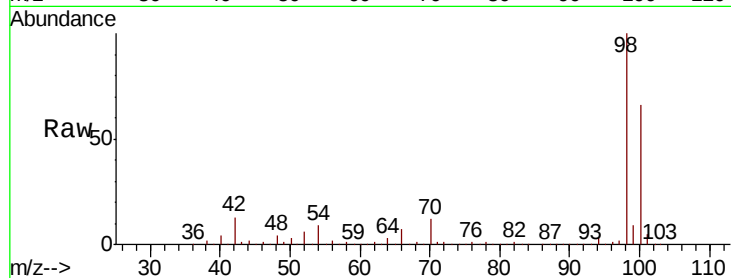
OR-COMP-1

Tot Ion: 98 Resp: 398764

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

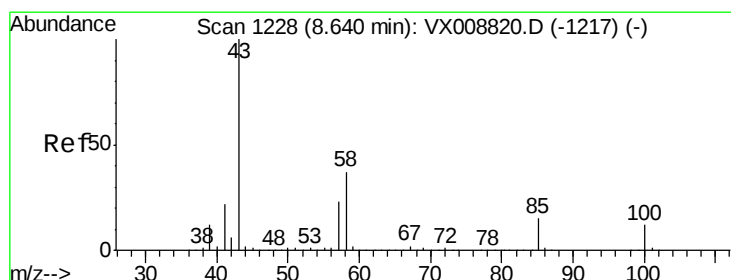
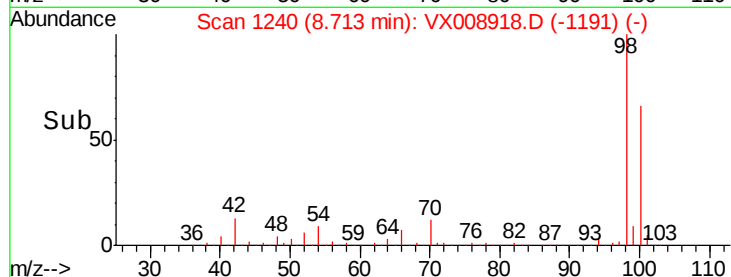
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#51

4-Methyl-2-Pentanone

Concen: 0.274 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX008918.D

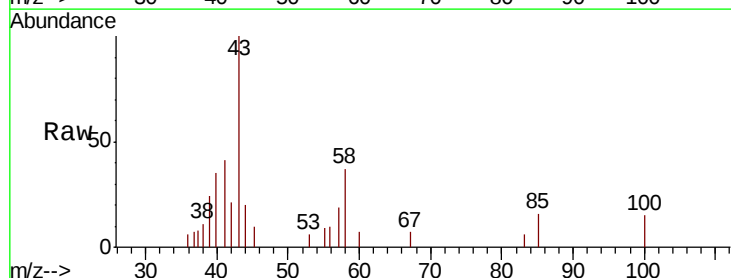
Acq: 13 Apr 2019 04:22

Tgt Ion: 43 Resp: 1296

Ion Ratio Lower Upper

43 100

58 42.4 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

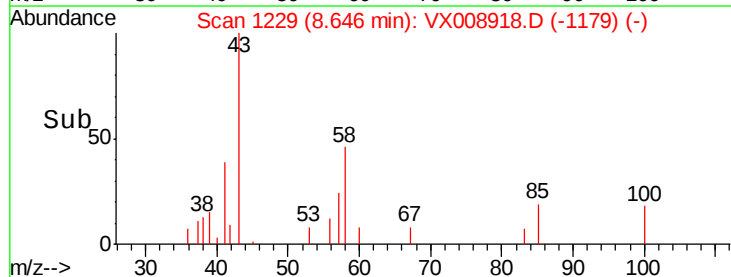
1500

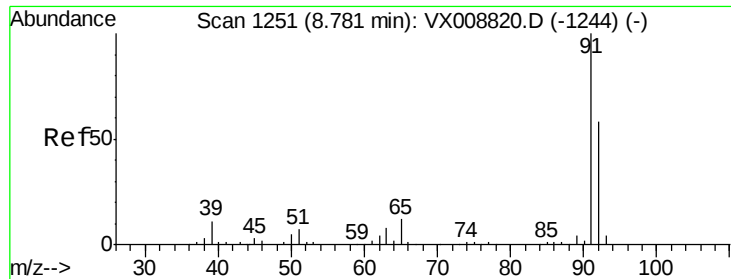
1000

500

0

Time--> 8.60 8.65 8.70





#52

Toluene

Concen: 44.985 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

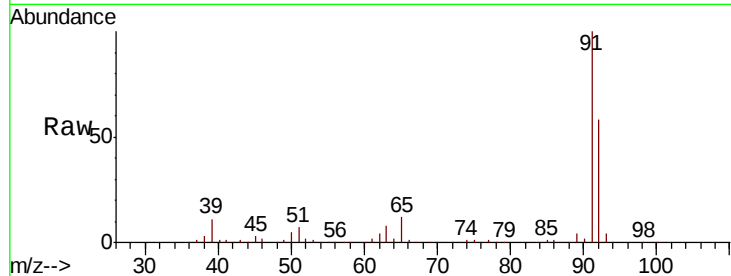
OR-COMP-1

Tot Ion: 92 Resp: 277301

Ion Ratio Lower Upper

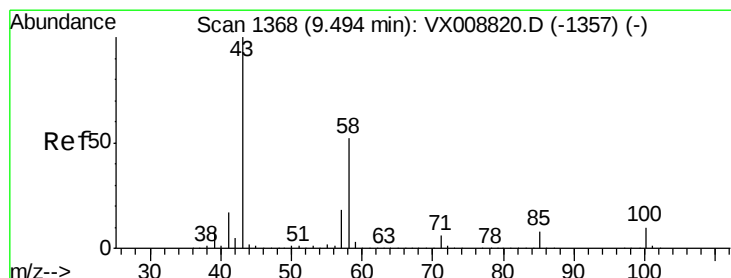
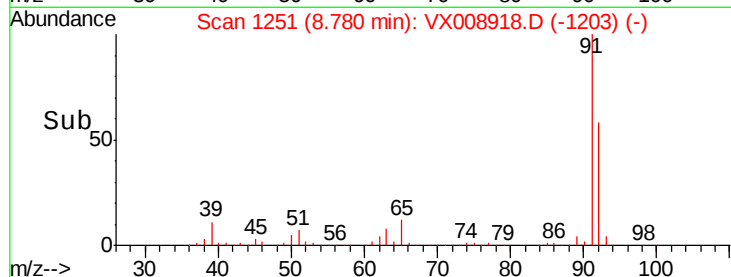
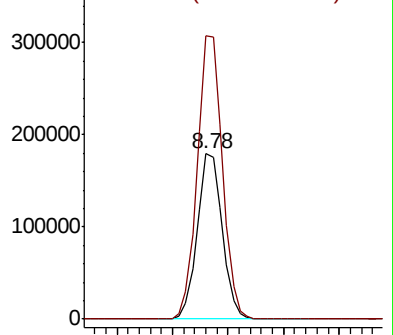
92 100

91 173.0 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 0.316 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VX008918.D

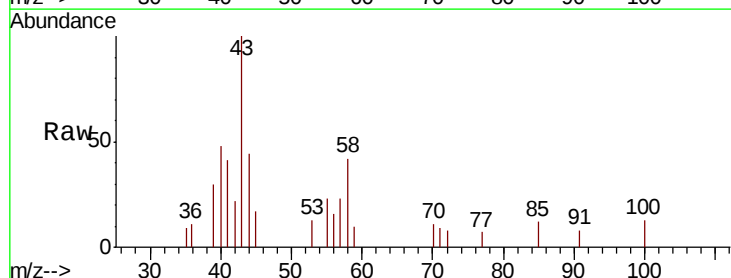
Acq: 13 Apr 2019 04:22

Tgt Ion: 43 Resp: 1159

Ion Ratio Lower Upper

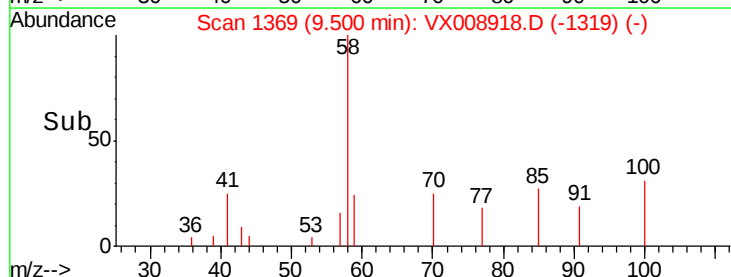
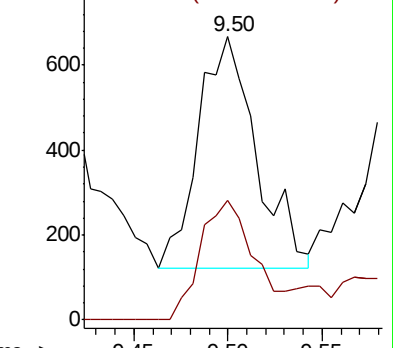
43 100

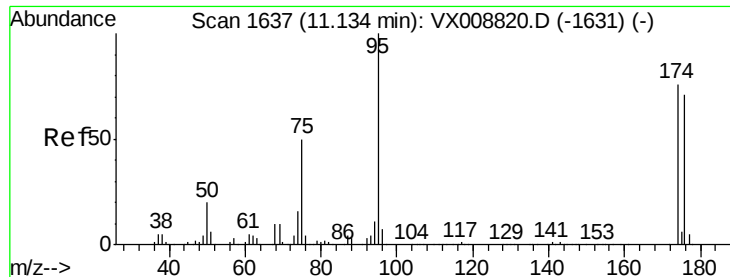
58 48.8 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.833 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-1

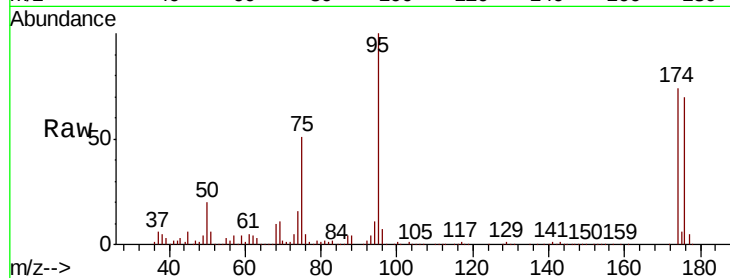
Tot Ion: 95 Resp: 138650

Ion Ratio Lower Upper

95 100

174 79.8 0.0 151.8

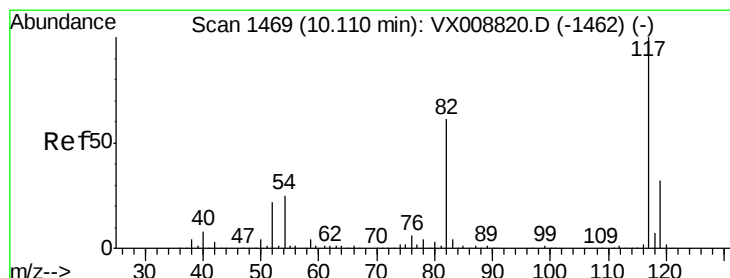
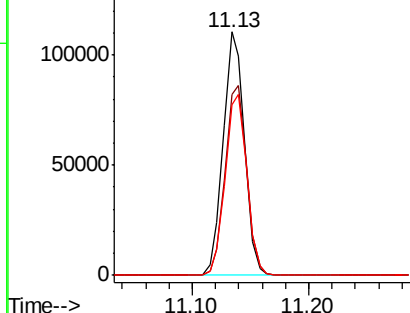
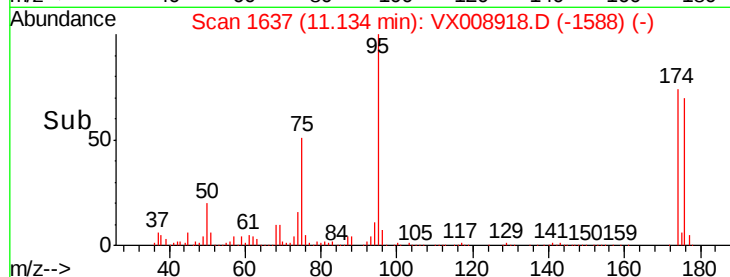
176 76.6 0.0 145.8



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: VX008918.D

Acq: 13 Apr 2019 04:22

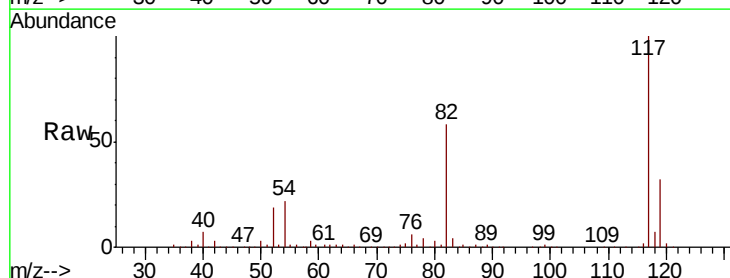
Tgt Ion: 117 Resp: 281414

Ion Ratio Lower Upper

117 100

82 57.8 49.6 74.4

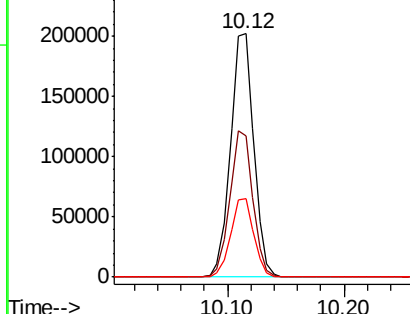
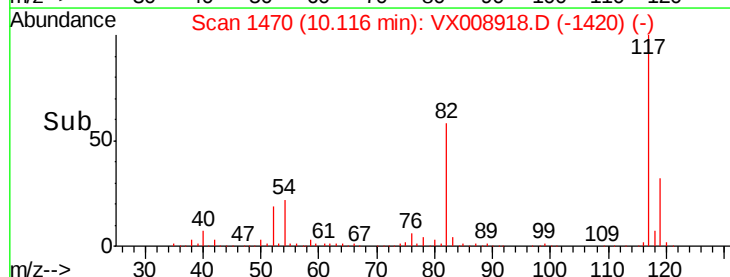
119 32.1 25.0 37.4

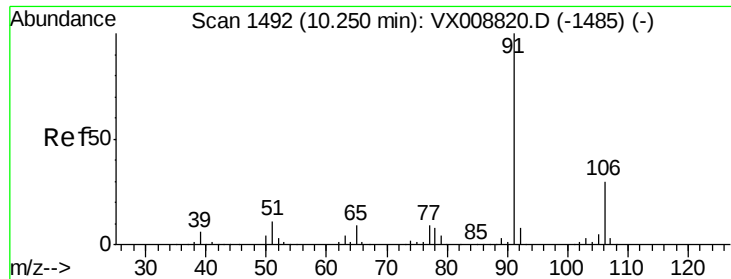


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

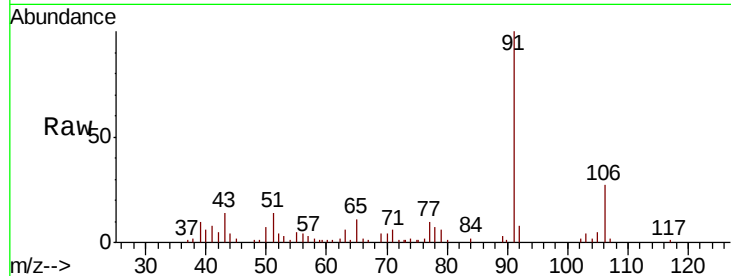




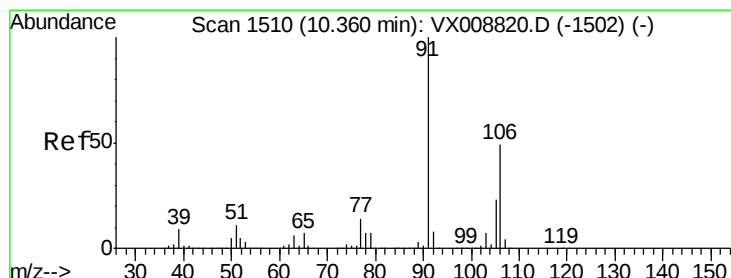
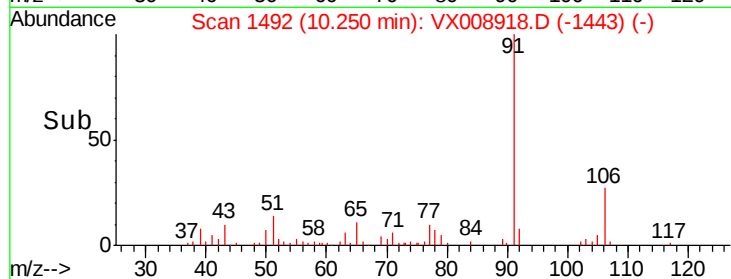
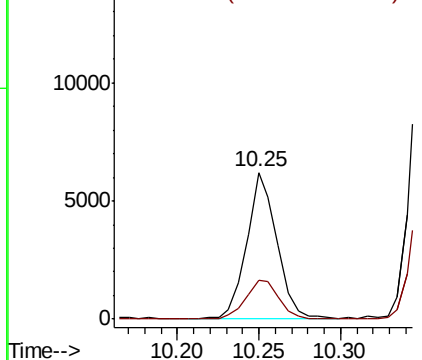
#67
Ethyl Benzene
Concen: 0.691 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

Instrument :
MSVOA_X
ClientSampled :
OR-COMP-1

Tot Ion: 91 Resp: 8038
Ion Ratio Lower Upper
91 100
106 26.9 23.7 35.5

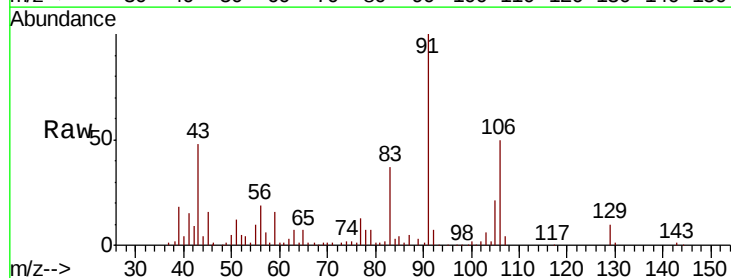


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

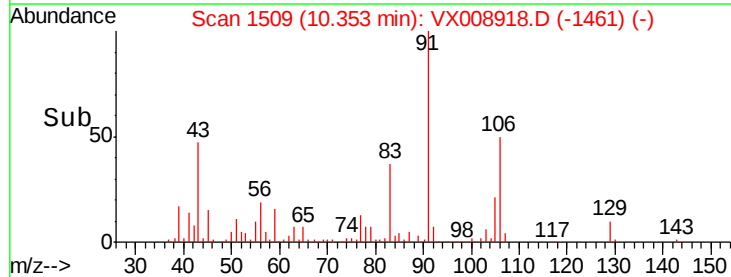
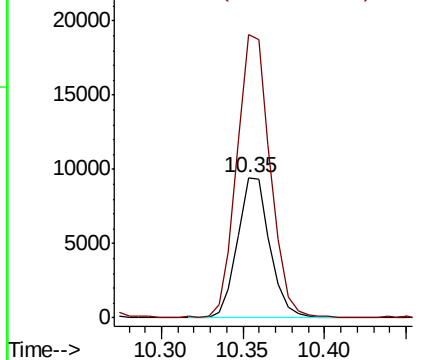


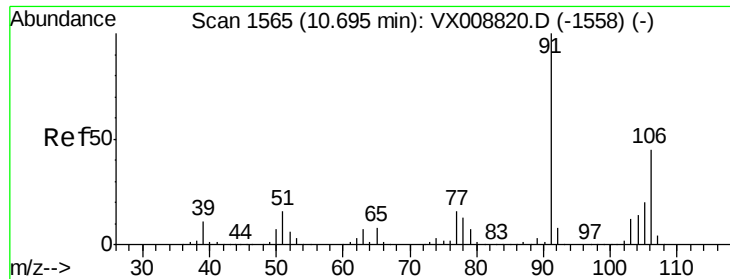
#68
m/p-Xylenes
Concen: 3.121 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

Tgt Ion:106 Resp: 13054
Ion Ratio Lower Upper
106 100
91 210.0 168.5 252.7



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

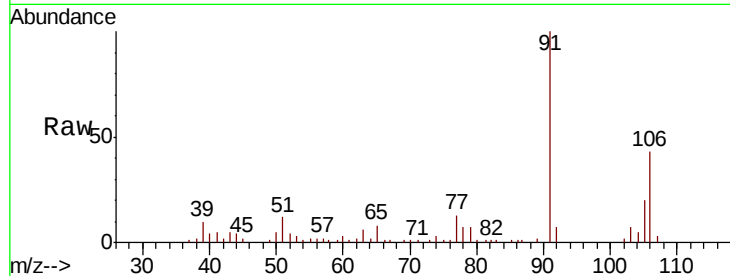




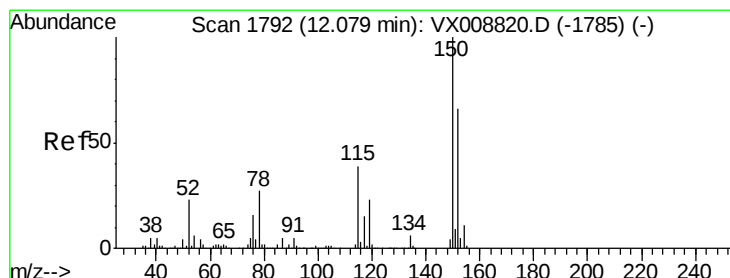
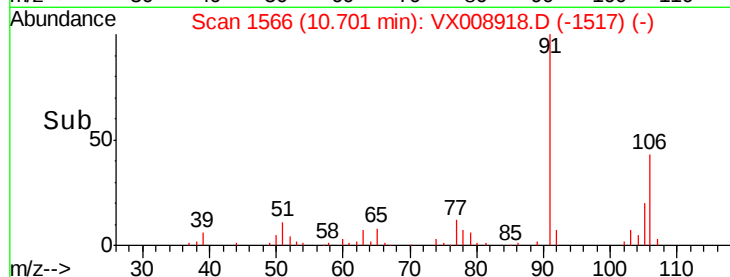
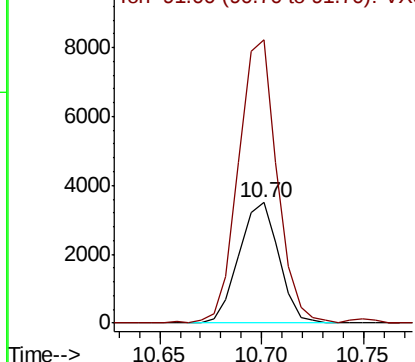
#69
o-Xylene
Concen: 1.169 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
OR-COMP-1

Tot Ion:106 Resp: 4737
Ion Ratio Lower Upper
106 100
91 228.7 111.5 334.4

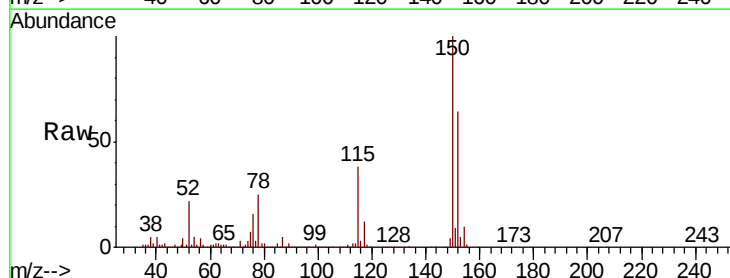


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

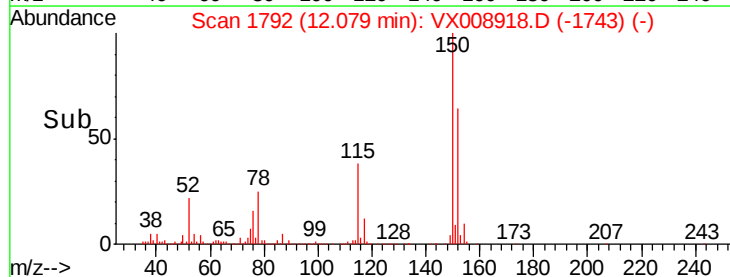
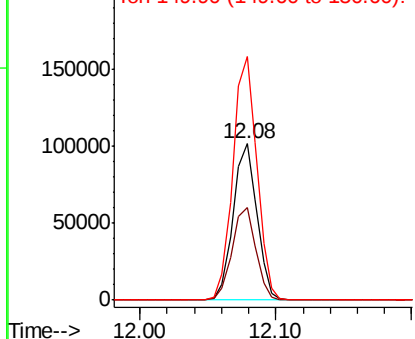


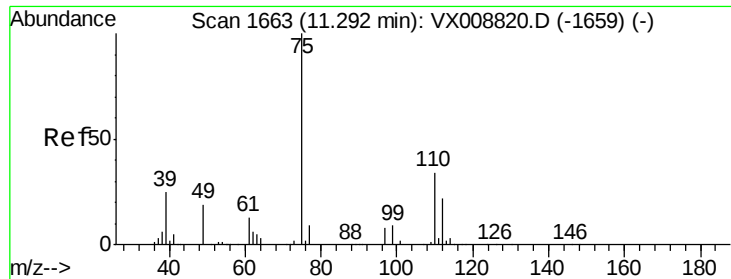
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

Tgt Ion:152 Resp: 123182
Ion Ratio Lower Upper
152 100
115 59.8 43.5 130.5
150 157.7 0.0 348.8



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



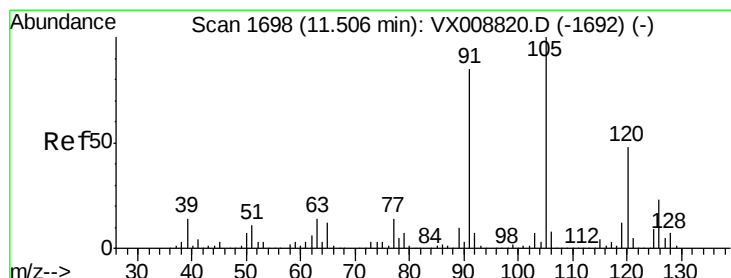
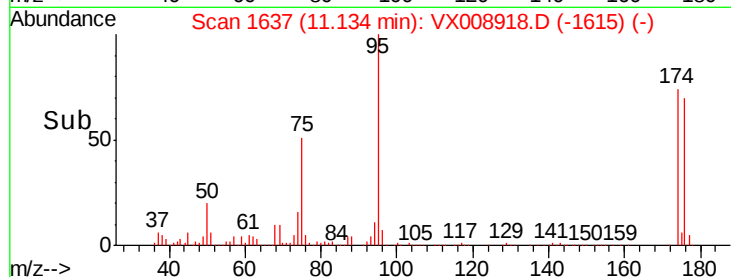
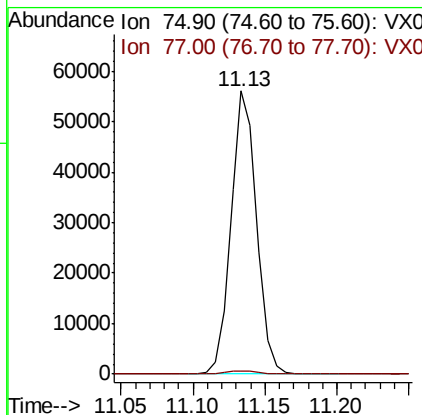
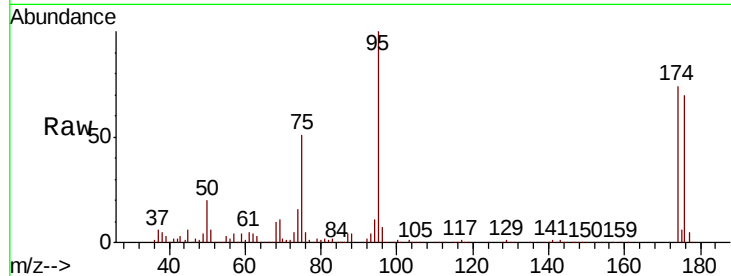


#76

1,2,3-Trichloropropane
Concen: 20.646 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

Instrument :
MSVOA_X
ClientSampled :
OR-COMP-1

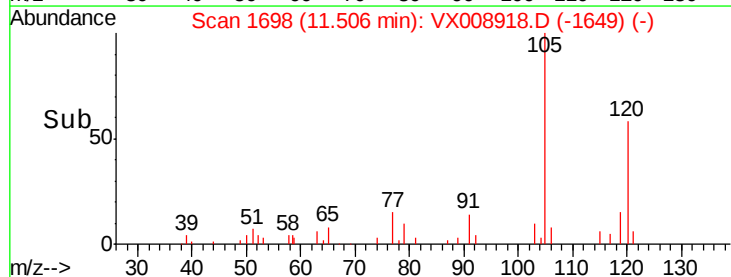
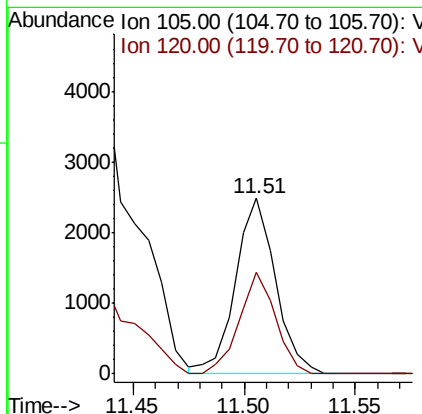
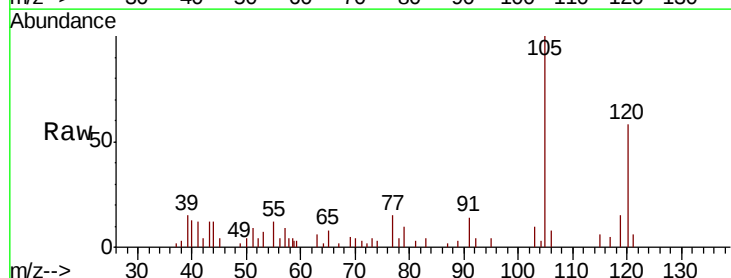
Tot Ion: 75 Resp: 69864
Ion Ratio Lower Upper
75 100
77 1.4 22.3 66.8#

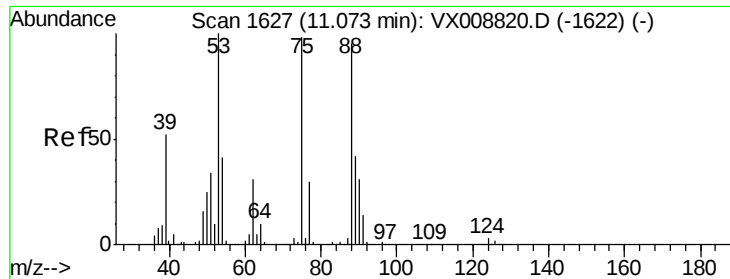


#80

1,3,5-Trimethylbenzene
Concen: 0.363 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

Tgt Ion: 105 Resp: 3110
Ion Ratio Lower Upper
105 100
120 52.6 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 56.911 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008918.D

Acq: 13 Apr 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-1

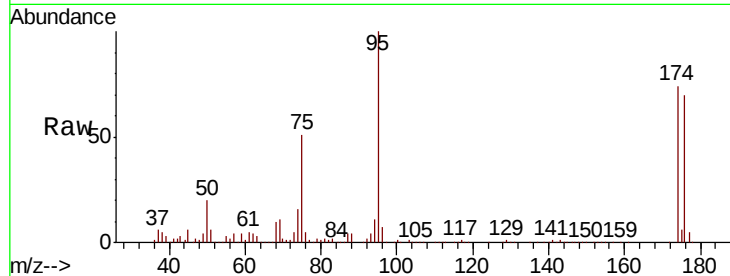
Tot Ion: 75 Resp: 69864

Ion Ratio Lower Upper

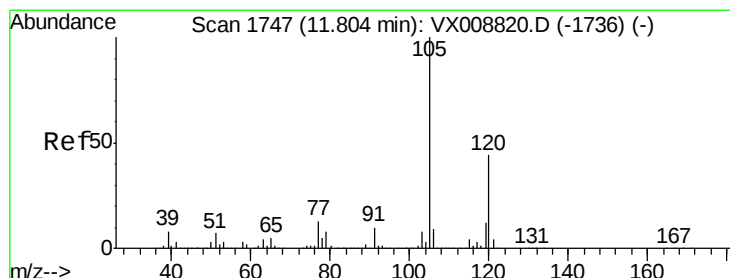
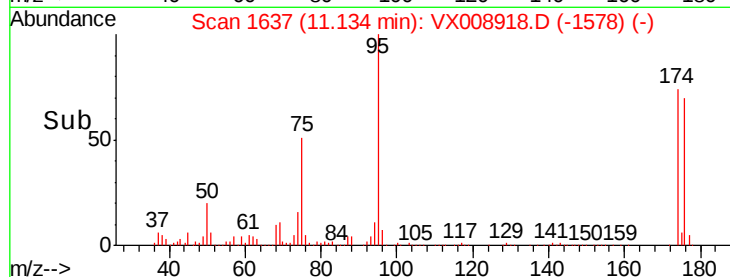
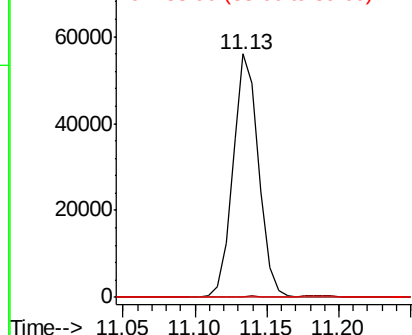
75 100

53 0.3 81.3 121.9#

89 0.0 35.6 53.4#



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



#84

1,2,4-Trimethylbenzene

Concen: 1.541 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008918.D

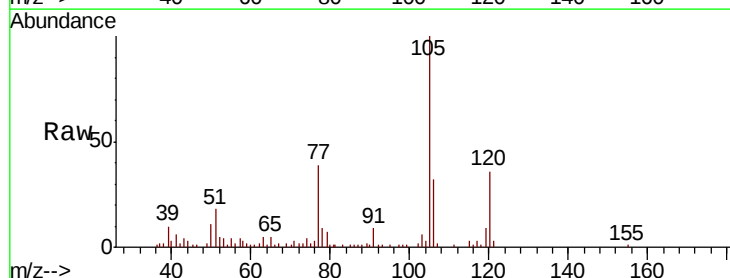
Acq: 13 Apr 2019 04:22

Tgt Ion:105 Resp: 13368

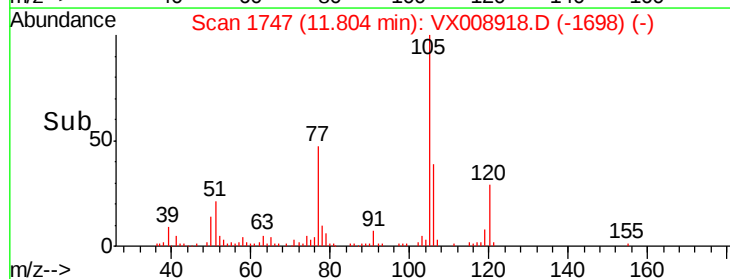
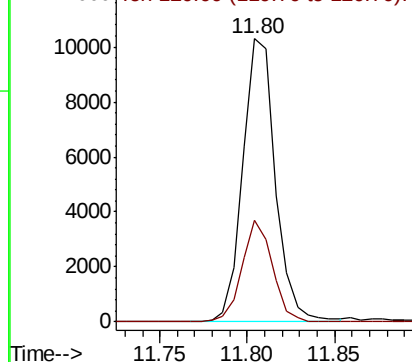
Ion Ratio Lower Upper

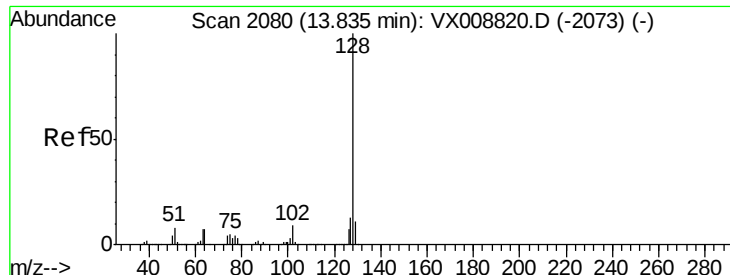
105 100

120 33.3 21.8 65.3



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





#95
Naphthalene
Concen: 1.178 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008918.D
Acq: 13 Apr 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
OR-COMP-1

Tot Ion:128 Resp: 11943
Ion Ratio Lower Upper
128 100
127 15.8 10.4 15.6#
129 14.5 8.6 13.0#

