

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041319\
 Data File : VX008928.D
 Acq On : 13 Apr 2019 13:48
 Operator : JC/SP
 Sample : K2364-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-COMP-1

Quant Time: Apr 15 02:21:45 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

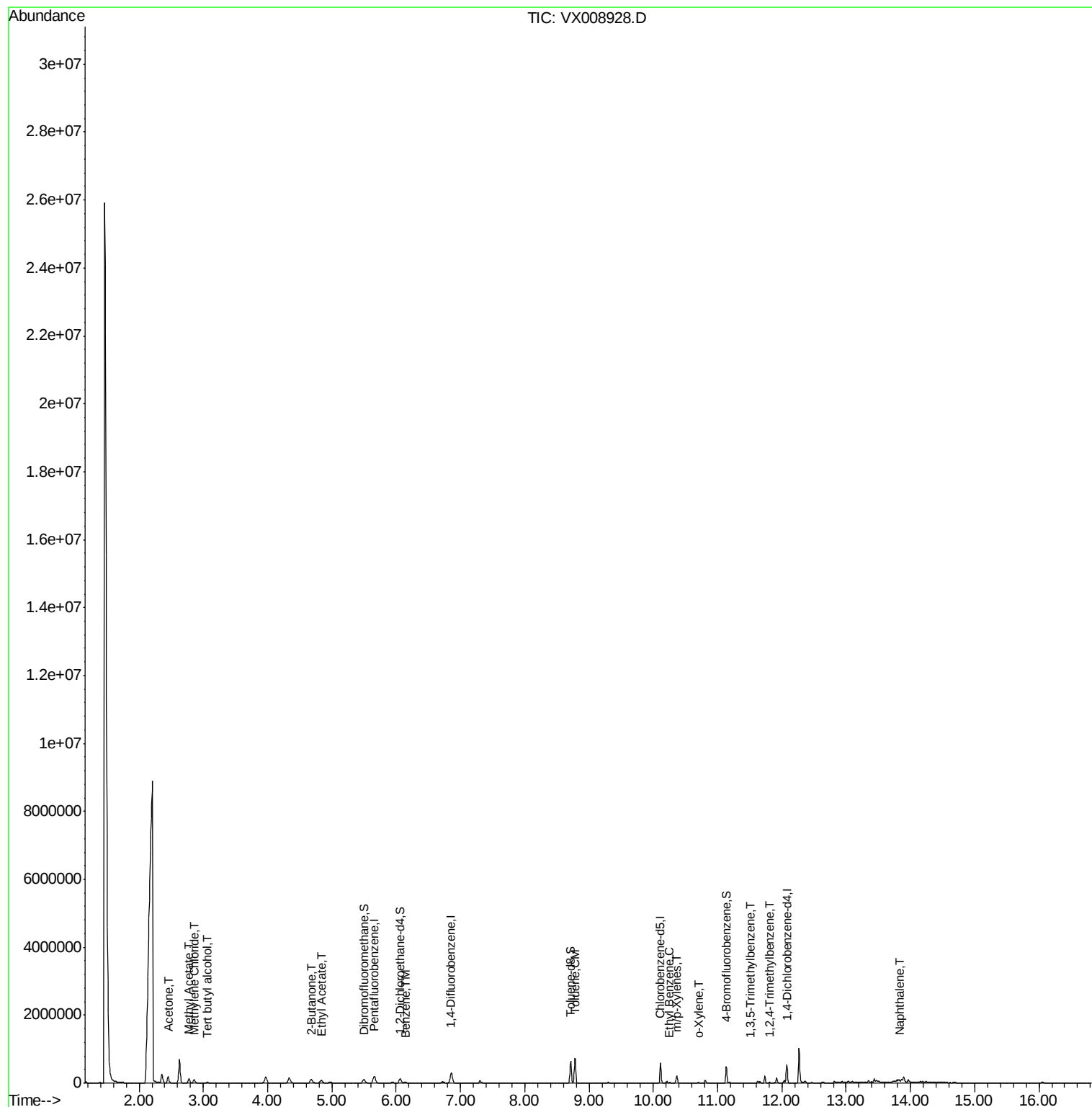
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122822	43.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.62%	
35) Dibromofluoromethane	5.50	113	89895	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
50) Toluene-d8	8.71	98	377817	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	125385	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.06	59	18797	28.638	ug/l	99
16) Acetone	2.45	43	215579	133.502	ug/l	100
18) Methyl Acetate	2.78	43	171692	43.840	ug/l	99
20) Methylene Chloride	2.85	84	44615	16.506	ug/l	97
25) 2-Butanone	4.68	43	183263	71.805	ug/l	98
37) Ethyl Acetate	4.84	43	154173	34.850	ug/l	98
40) Benzene	6.14	78	32654	3.307	ug/l	97
52) Toluene	8.79	92	266081	45.711	ug/l	100
67) Ethyl Benzene	10.25	91	7907	0.729	ug/l	98
68) m/p-Xylenes	10.35	106	11839	3.038	ug/l	98
69) o-Xylene	10.70	106	4467	1.183	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3094	0.404	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	11678	1.508	ug/l	88
95) Naphthalene	13.83	128	12590	1.391	ug/l #	93

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

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008928.D

Acq: 13 Apr 2019 13:48

Instrument :

MSVOA_X

ClientSampleId :

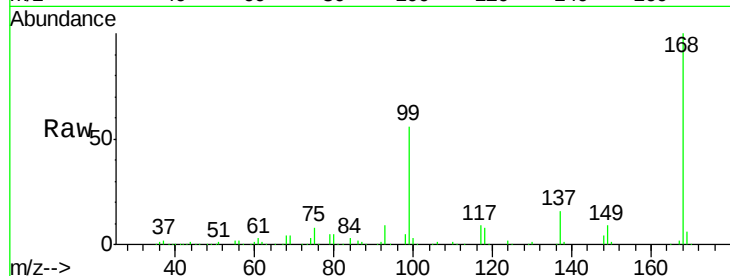
OR-COMP-1

Tot Ion:168 Resp: 192218

Ion Ratio Lower Upper

168 100

99 56.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

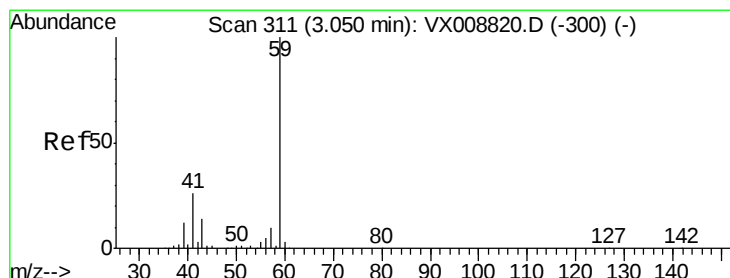
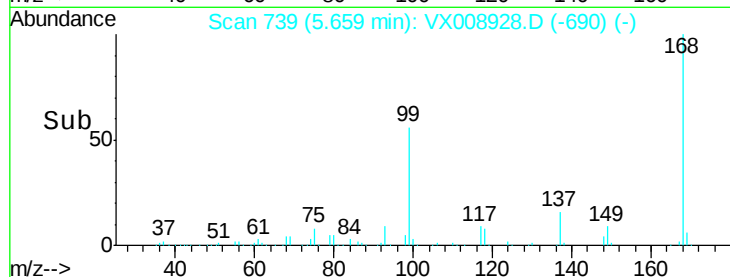
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 28.638 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.00 min

Lab File: VX008928.D

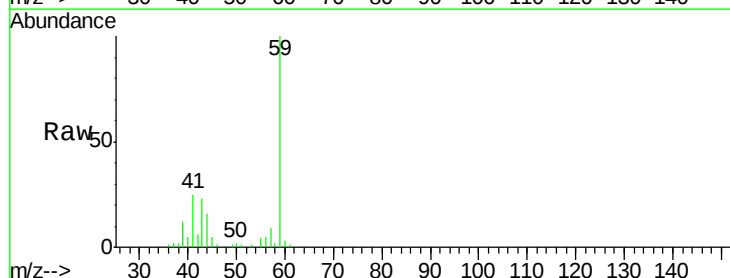
Acq: 13 Apr 2019 13:48

Tgt Ion: 59 Resp: 18797

Ion Ratio Lower Upper

59 100

57 10.7 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

8000

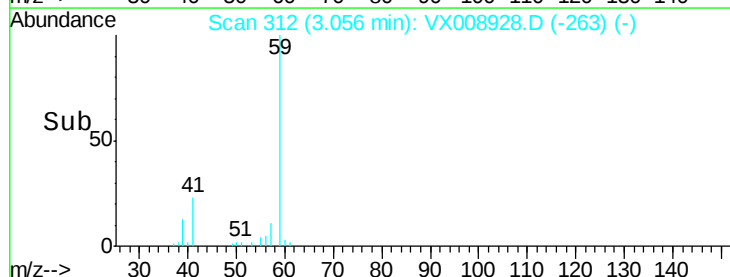
6000

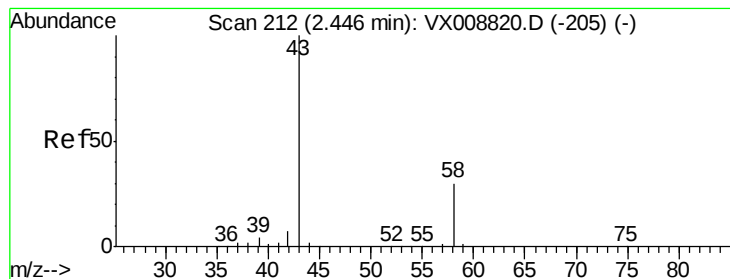
4000

2000

0

Time--> 2.90 3.00 3.10





#16

Acetone

Concen: 133.502 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008928.D

Acq: 13 Apr 2019 13:48

Instrument :

MSVOA_X

ClientSampleId :

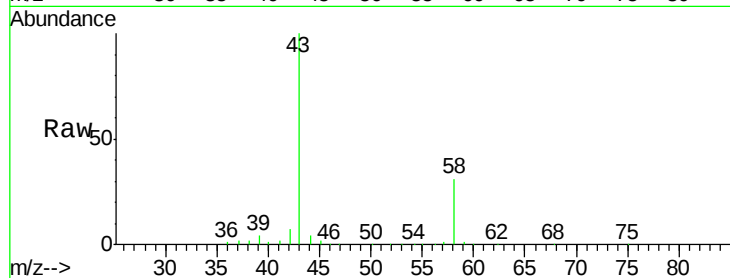
OR-COMP-1

Tot Ion: 43 Resp: 215579

Ion Ratio Lower Upper

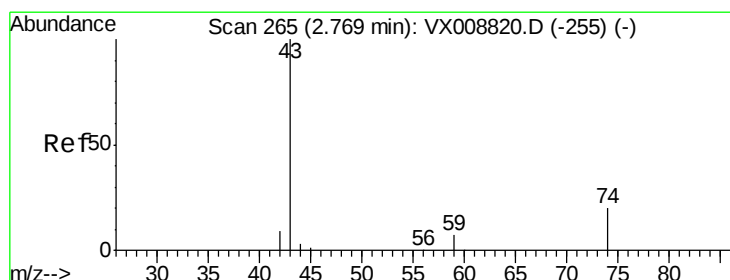
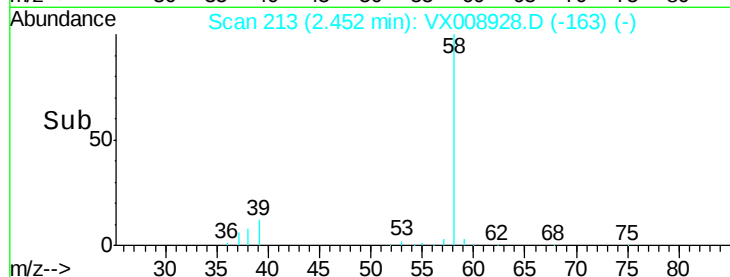
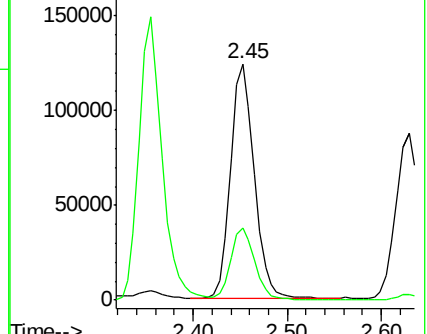
43 100

58 30.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 43.840 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008928.D

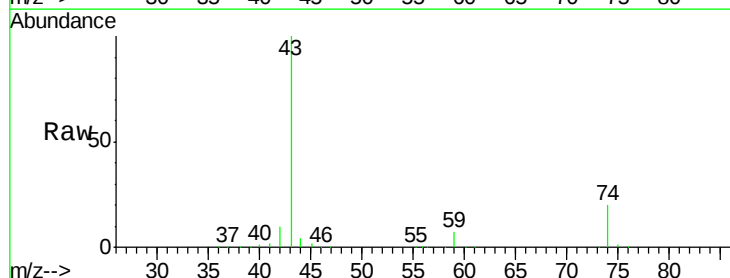
Acq: 13 Apr 2019 13:48

Tgt Ion: 43 Resp: 171692

Ion Ratio Lower Upper

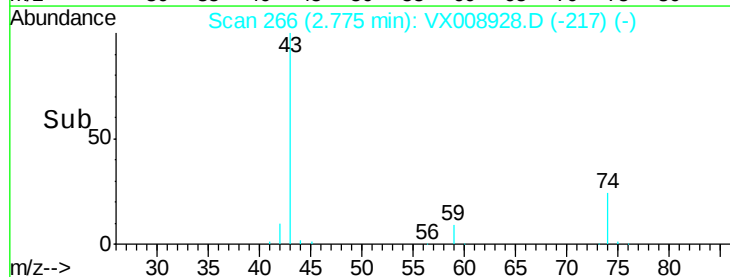
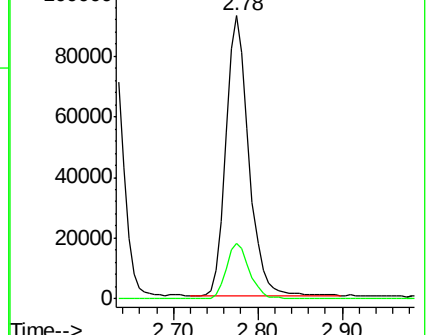
43 100

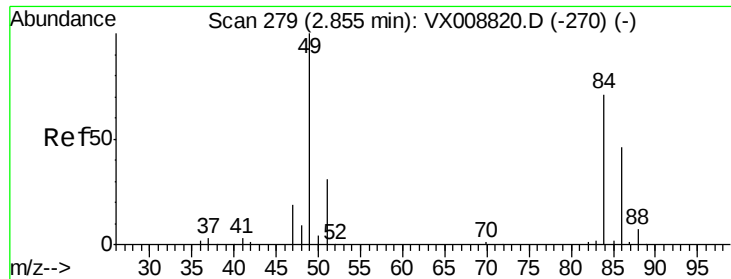
74 20.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

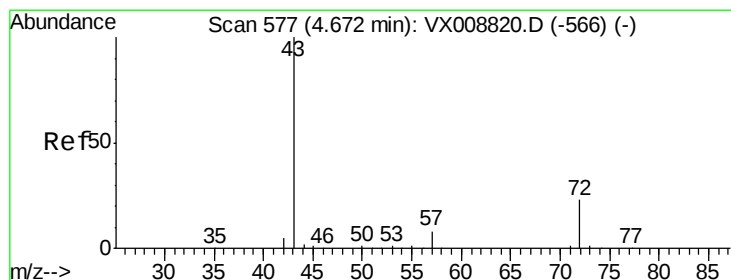
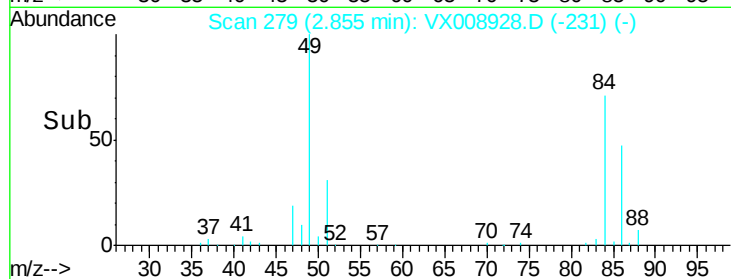
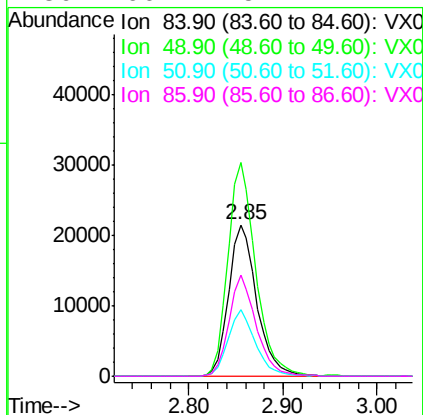
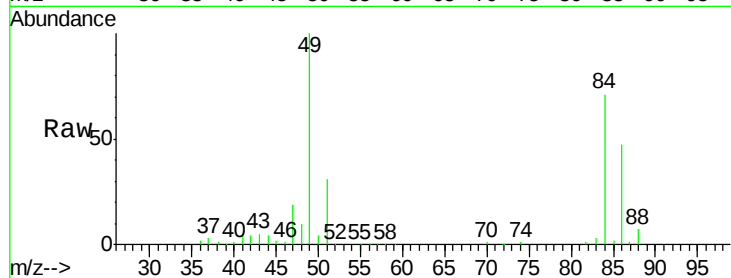




#20
Methvlene Chloride
Concen: 16.506 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008928.D
Acq: 13 Apr 2019 13:48

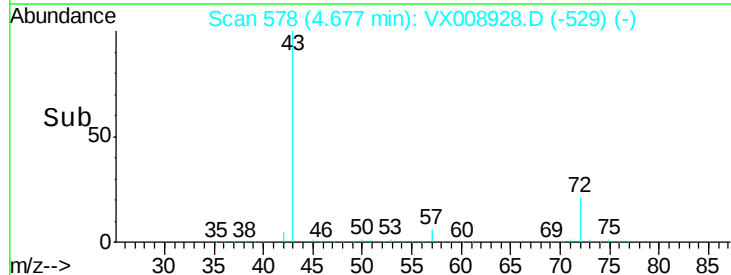
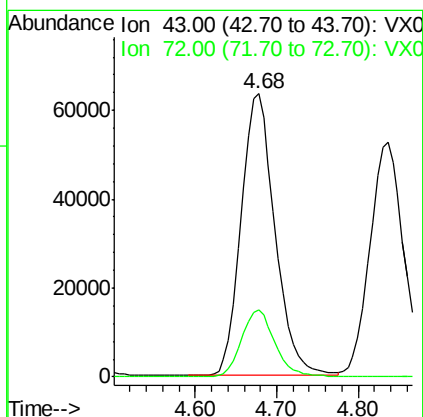
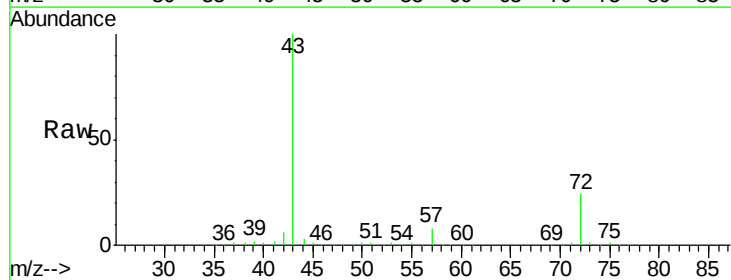
Instrument :
MSVOA_X
ClientSampleId :
OR-COMP-1

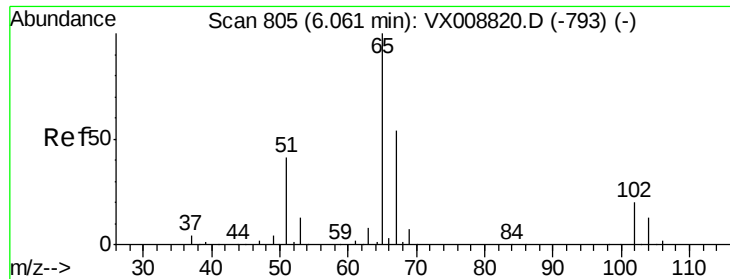
Tot Ion: 84 Resp: 44615
Ion Ratio Lower Upper
84 100
49 141.4 109.7 164.5
51 43.7 33.6 50.4
86 66.7 51.4 77.2



#25
2-Butanone
Concen: 71.805 ug/l
RT: 4.68 min Scan# 578
Delta R.T. -0.00 min
Lab File: VX008928.D
Acq: 13 Apr 2019 13:48

Tgt Ion: 43 Resp: 183263
Ion Ratio Lower Upper
43 100
72 23.8 18.2 27.4

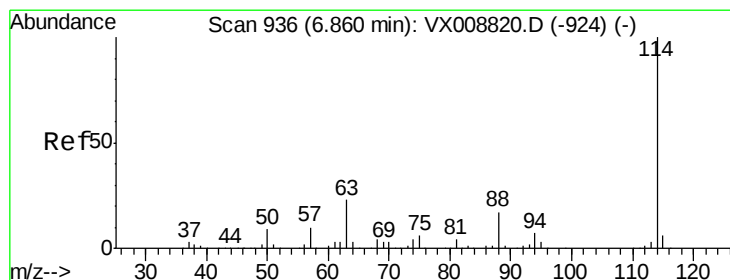
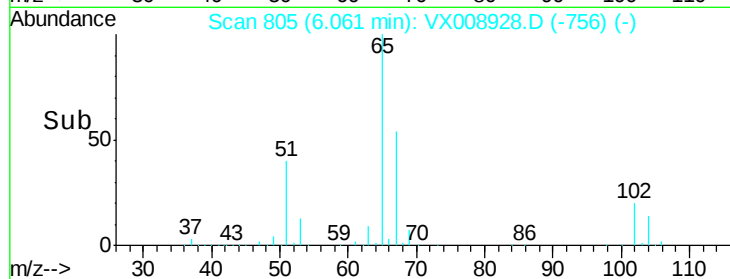
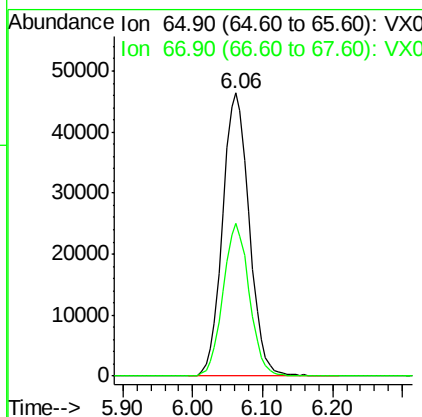
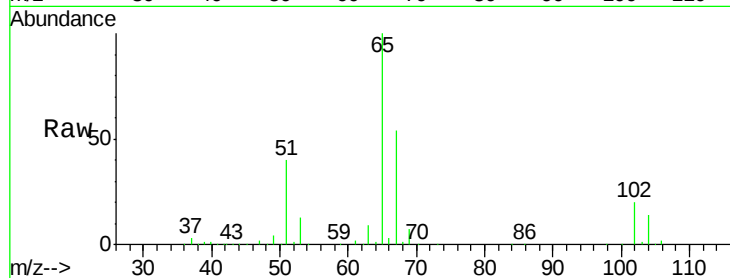




#33
 1,2-Dichloroethane-d4
 Concen: 43.808 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008928.D
 Acq: 13 Apr 2019 13:48

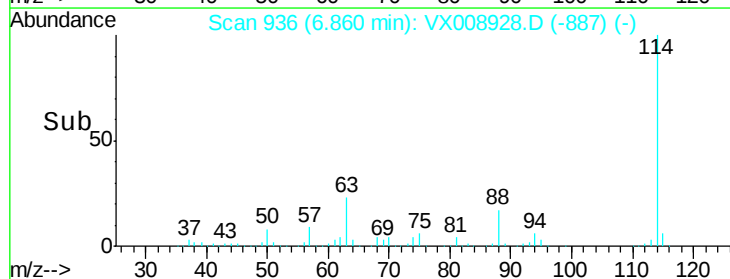
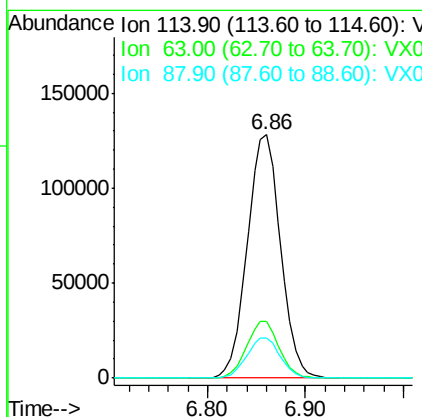
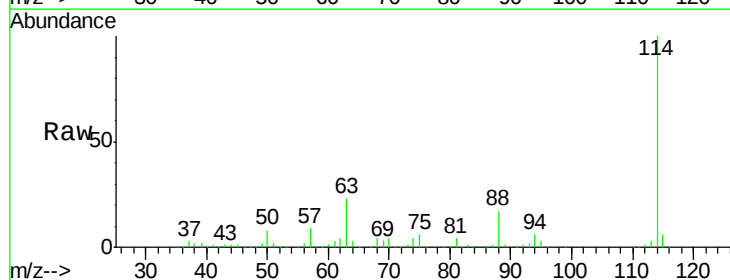
Instrument :
 MSVOA_X
 ClientSampled :
 OR-COMP-1

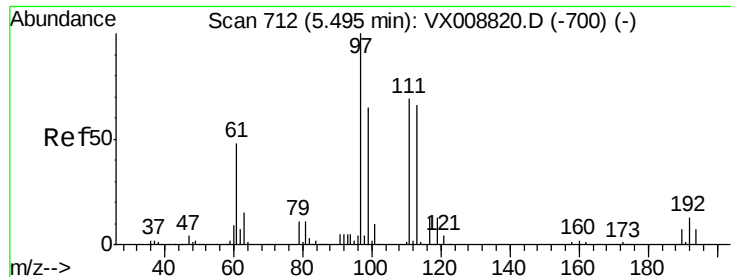
Tot Ion: 65 Resp: 122822
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008928.D
 Acq: 13 Apr 2019 13:48

Tgt Ion: 114 Resp: 303199
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.373 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008928.D

Acq: 13 Apr 2019 13:48

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-1

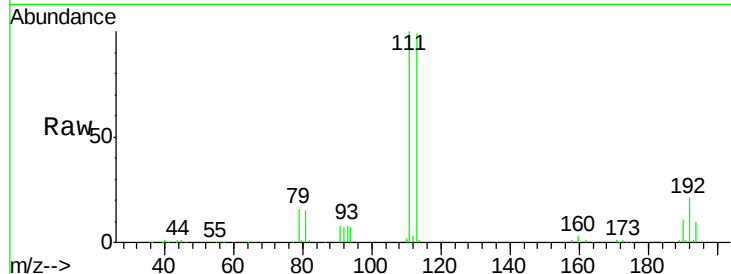
Tot Ion:113 Resp: 89895

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

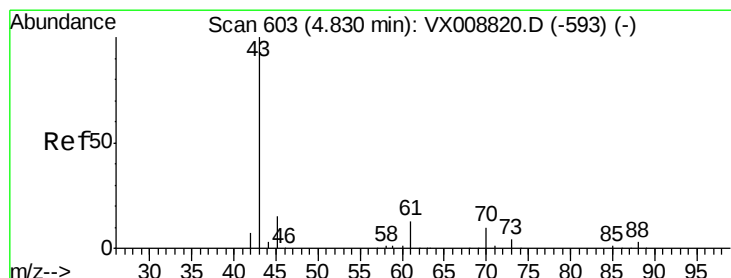
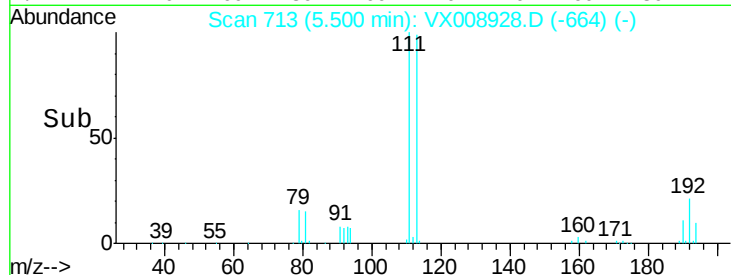
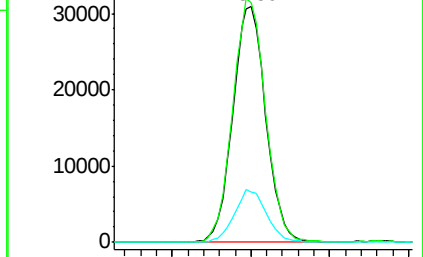
192 21.6 16.1 24.1



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



#37

Ethyl Acetate

Concen: 34.850 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008928.D

Acq: 13 Apr 2019 13:48

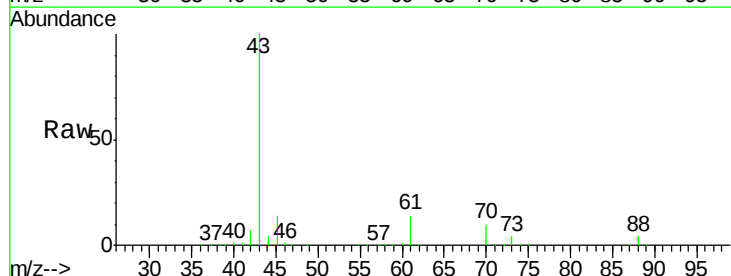
Tgt Ion: 43 Resp: 154173

Ion Ratio Lower Upper

43 100

61 13.9 10.3 15.5

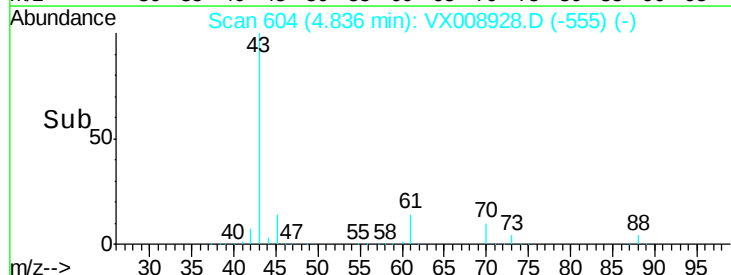
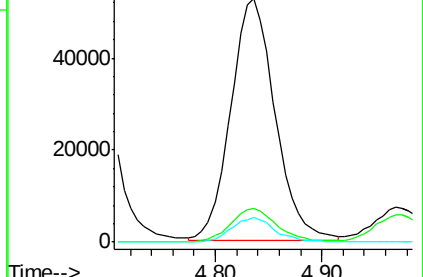
70 9.9 7.6 11.4

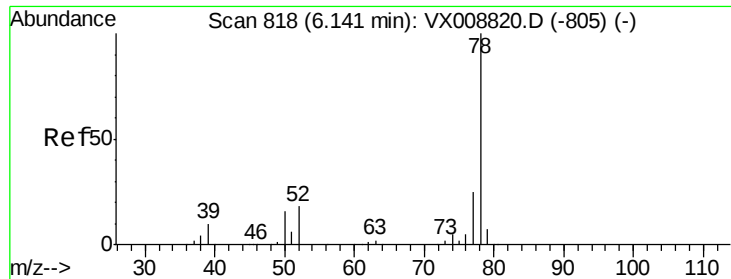


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#40

Benzene

Concen: 3.307 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008928.D

Acq: 13 Apr 2019 13:48

Instrument :

MSVOA_X

ClientSampleId :

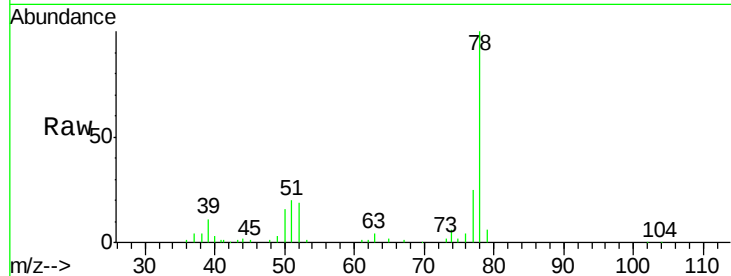
OR-COMP-1

Tot Ion: 78 Resp: 32654

Ion Ratio Lower Upper

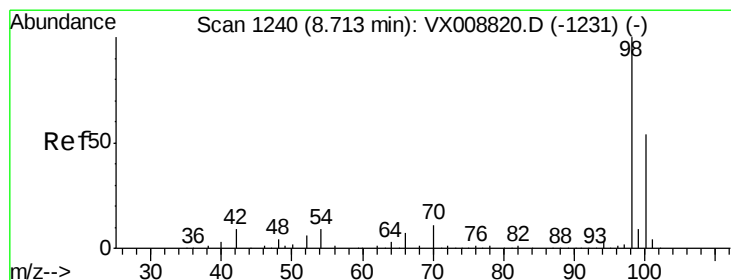
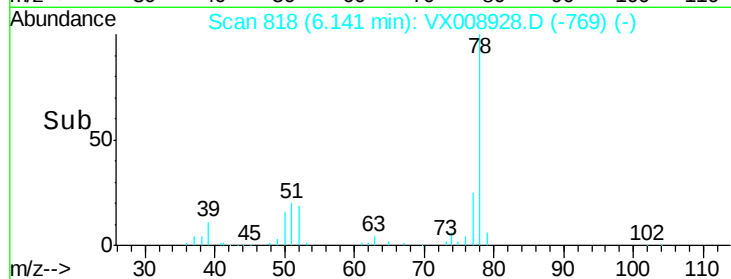
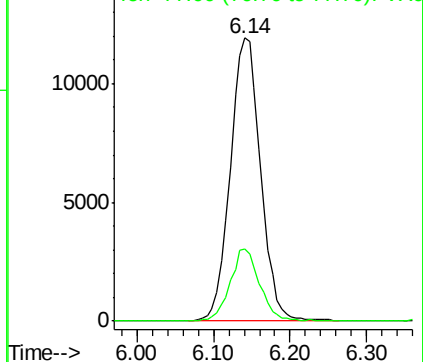
78 100

77 25.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 48.948 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008928.D

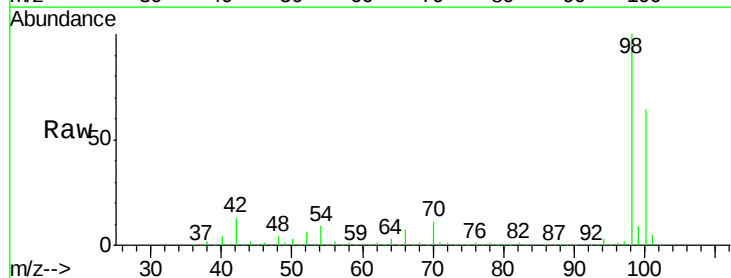
Acq: 13 Apr 2019 13:48

Tgt Ion: 98 Resp: 377817

Ion Ratio Lower Upper

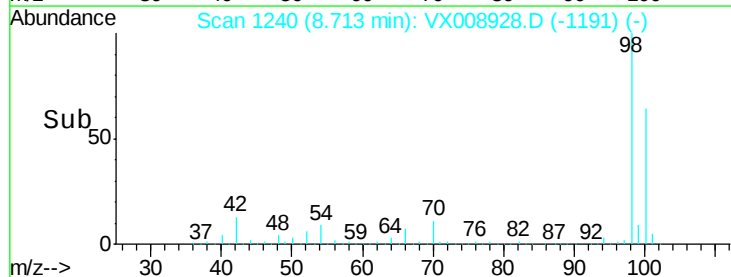
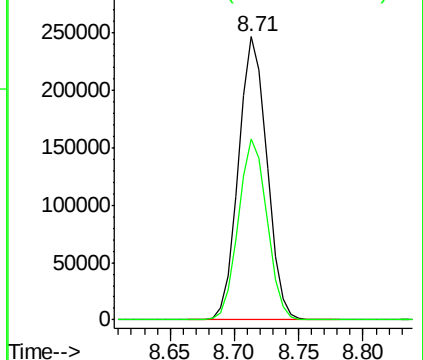
98 100

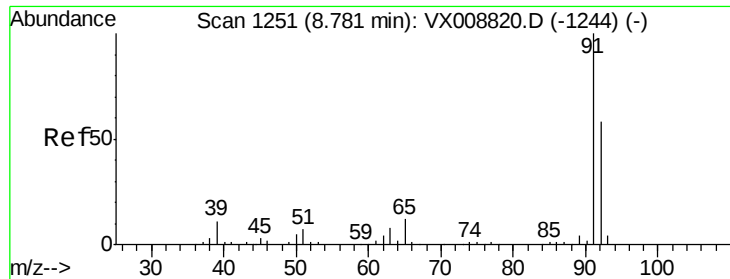
100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 45.711 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008928.D

Acq: 13 Apr 2019 13:48

Instrument :

MSVOA_X

ClientSampleId :

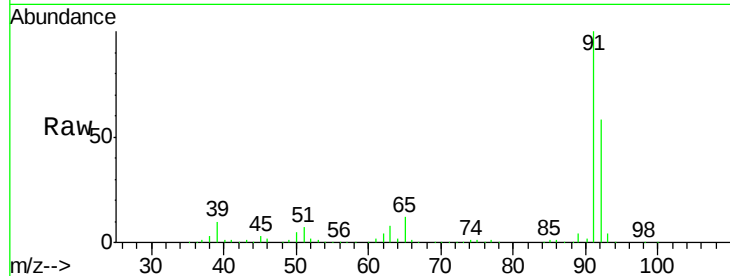
OR-COMP-1

Tot Ion: 92 Resp: 266081

Ion Ratio Lower Upper

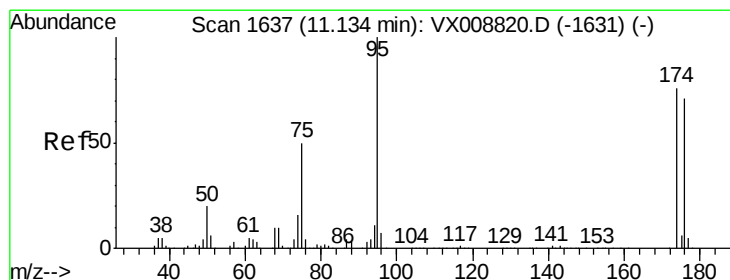
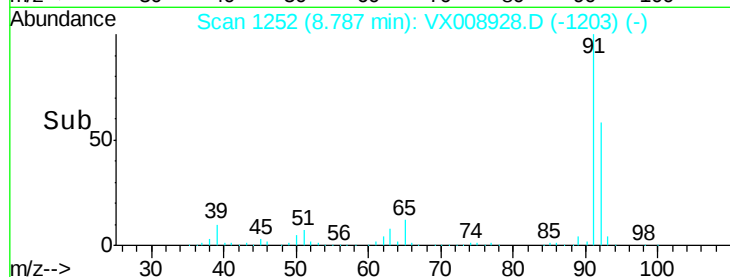
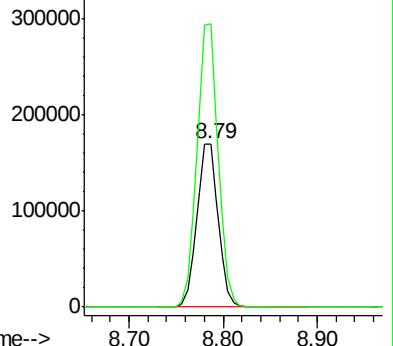
92 100

91 172.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.808 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008928.D

Acq: 13 Apr 2019 13:48

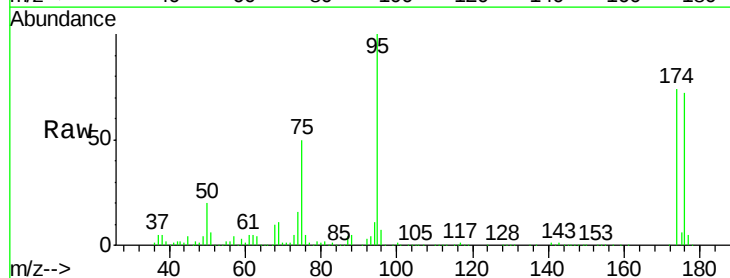
Tgt Ion: 95 Resp: 125385

Ion Ratio Lower Upper

95 100

174 80.6 0.0 151.8

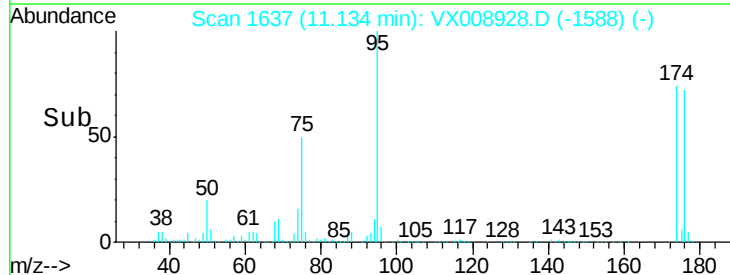
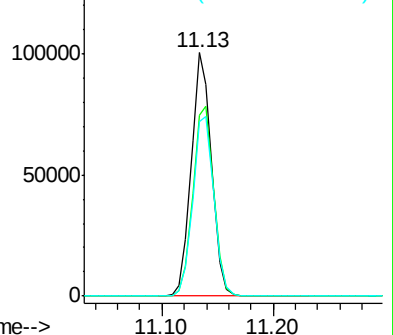
176 77.4 0.0 145.8

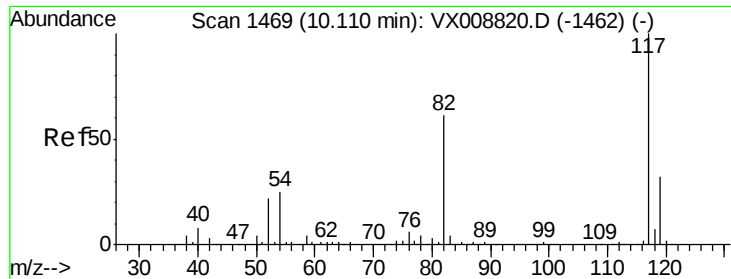


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

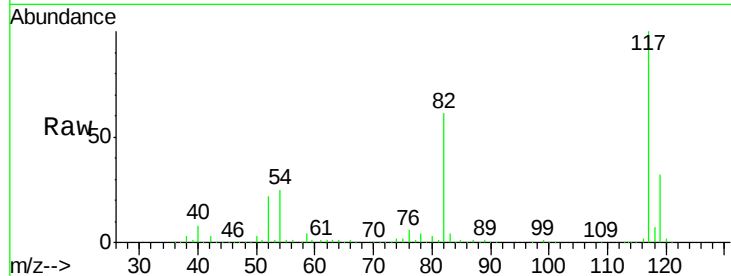




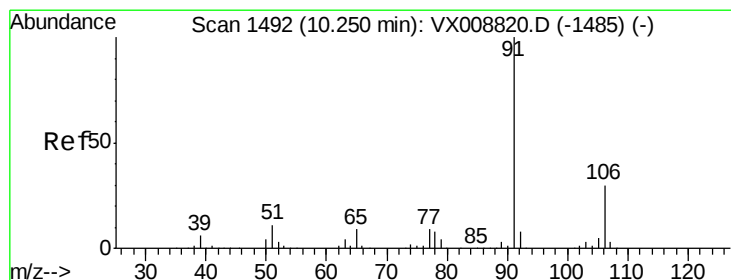
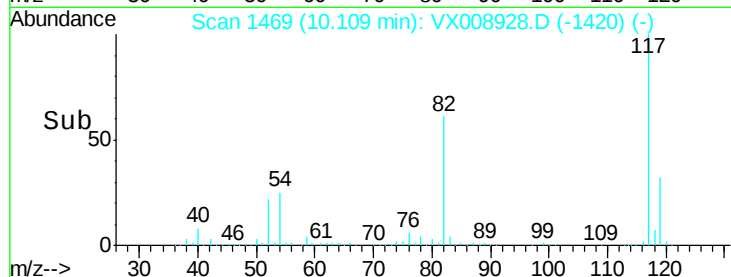
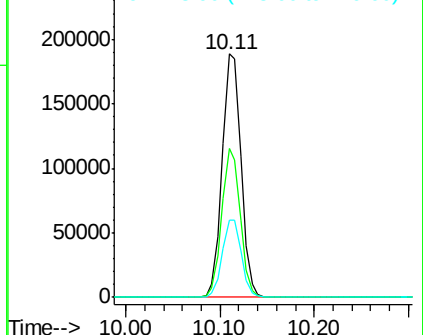
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008928.D
Acq: 13 Apr 2019 13:48

Instrument :
MSVOA_X
ClientSampleId :
OR-COMP-1

Tot Ion:117 Resp: 262240
Ion Ratio Lower Upper
117 100
82 61.0 49.6 74.4
119 31.8 25.0 37.4

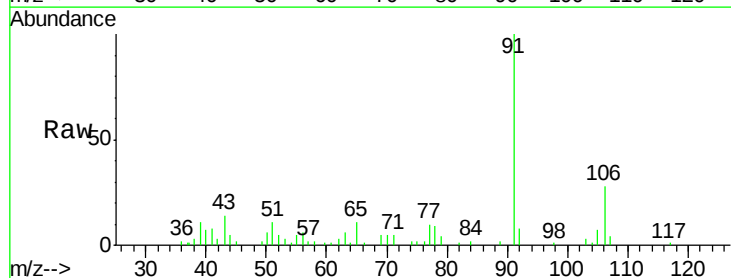


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

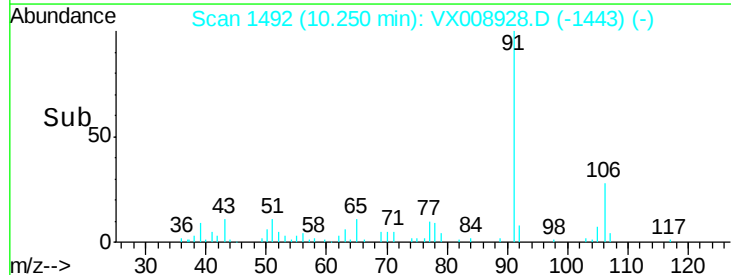
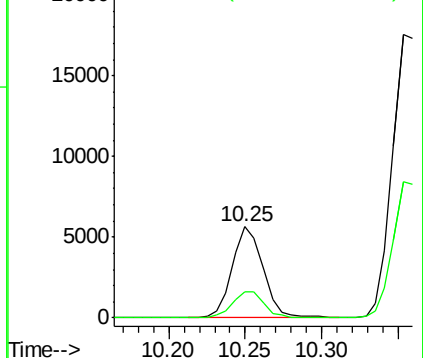


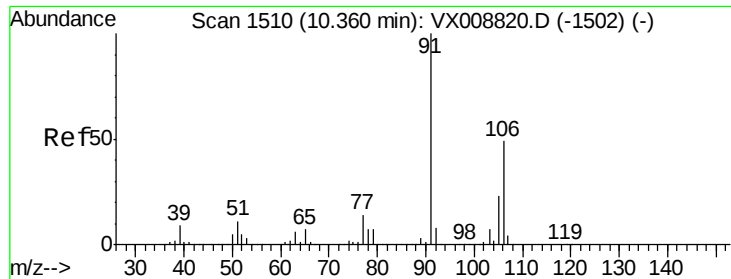
#67
Ethyl Benzene
Concen: 0.729 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008928.D
Acq: 13 Apr 2019 13:48

Tgt Ion: 91 Resp: 7907
Ion Ratio Lower Upper
91 100
106 28.4 23.7 35.5



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

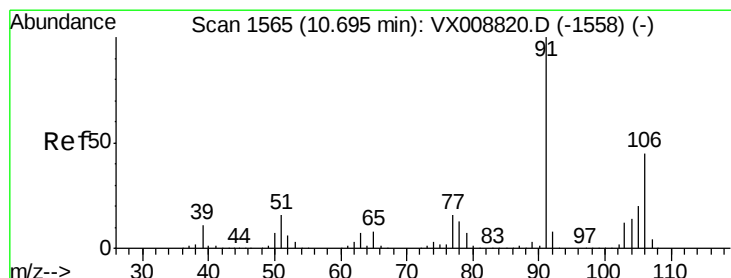
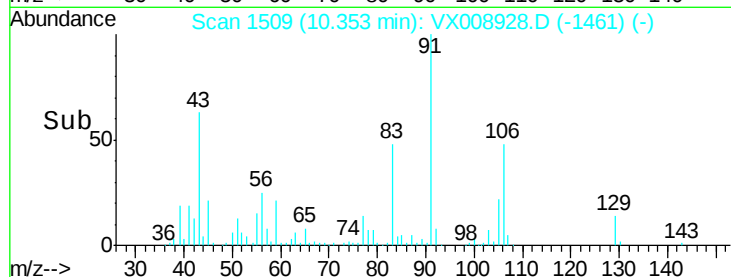
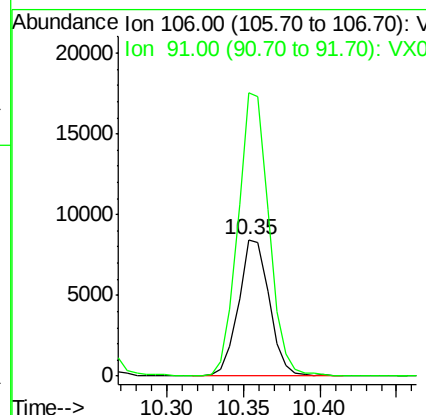
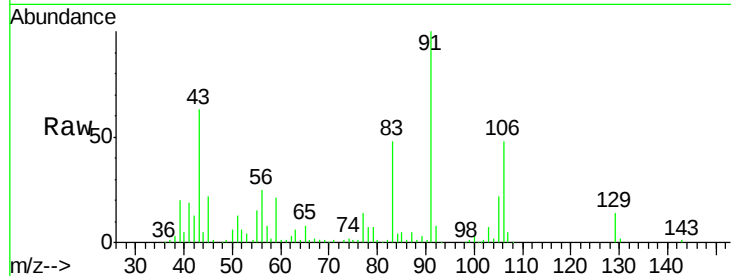




#68
m/p-Xylenes
Concen: 3.038 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008928.D
Acq: 13 Apr 2019 13:48

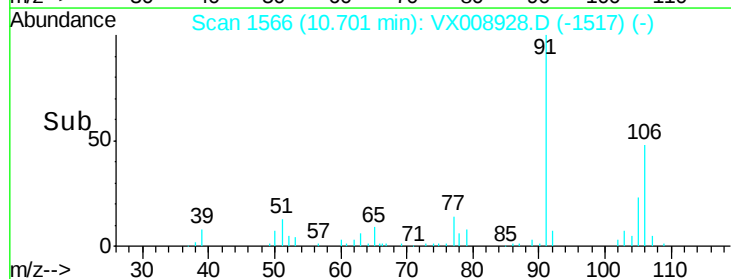
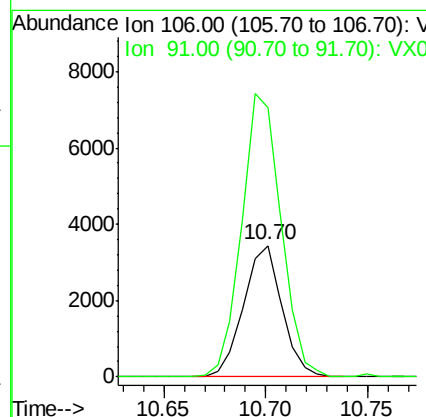
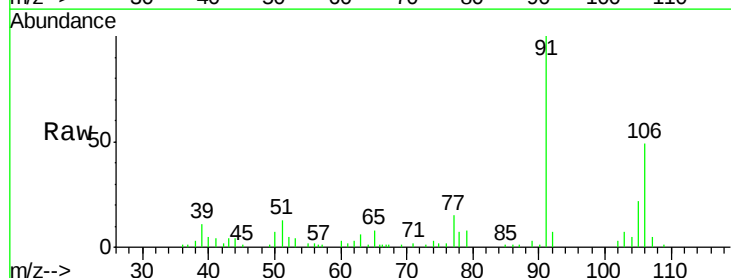
Instrument :
MSVOA_X
ClientSampleId :
OR-COMP-1

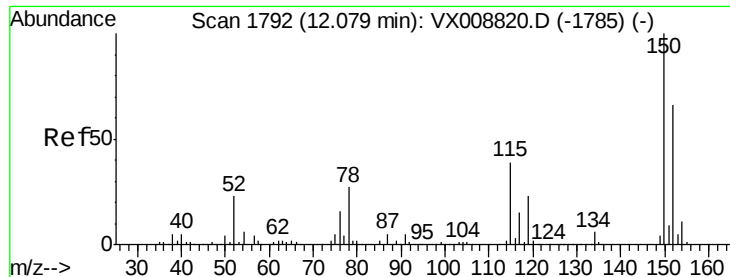
Tot Ion:106 Resp: 11839
Ion Ratio Lower Upper
106 100
91 208.1 168.5 252.7



#69
o-Xylene
Concen: 1.183 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008928.D
Acq: 13 Apr 2019 13:48

Tgt Ion:106 Resp: 4467
Ion Ratio Lower Upper
106 100
91 222.3 111.5 334.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008928.D

Acq: 13 Apr 2019 13:48

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-1

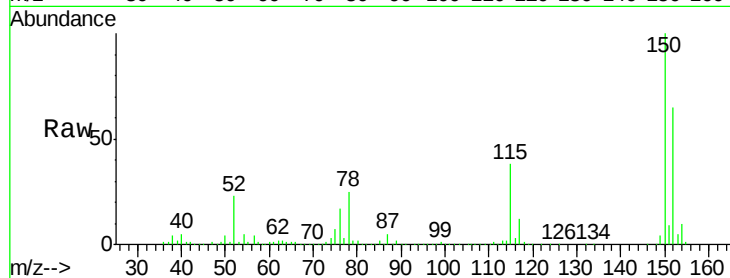
Tot Ion:152 Resp: 109959

Ion Ratio Lower Upper

152 100

115 59.1 43.5 130.5

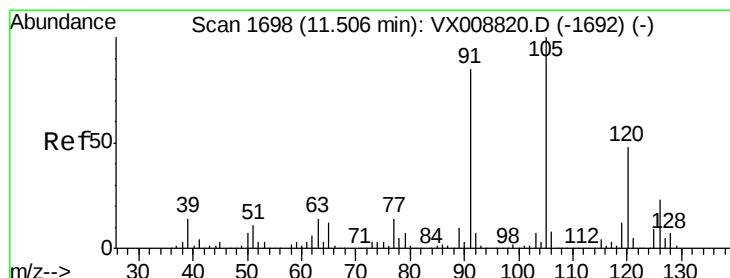
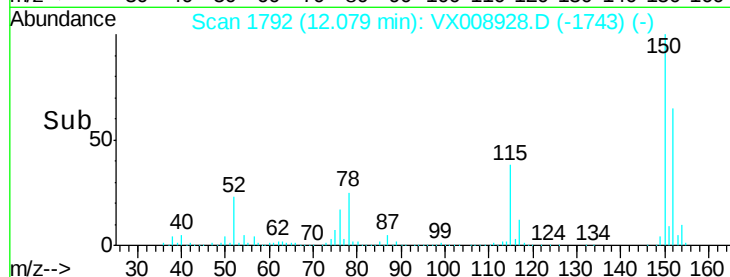
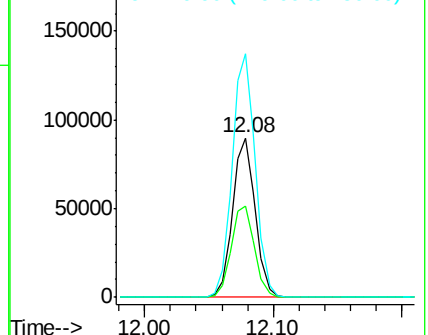
150 156.2 0.0 348.8



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



#80

1,3,5-Trimethylbenzene

Concen: 0.404 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008928.D

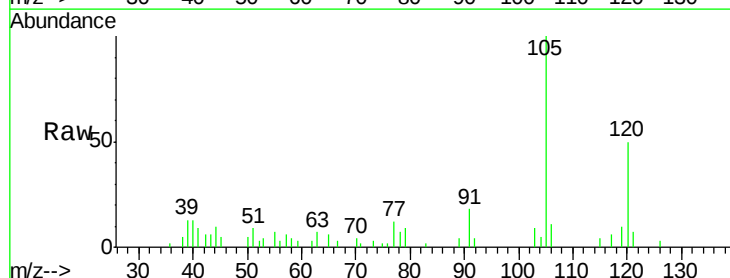
Acq: 13 Apr 2019 13:48

Tgt Ion:105 Resp: 3094

Ion Ratio Lower Upper

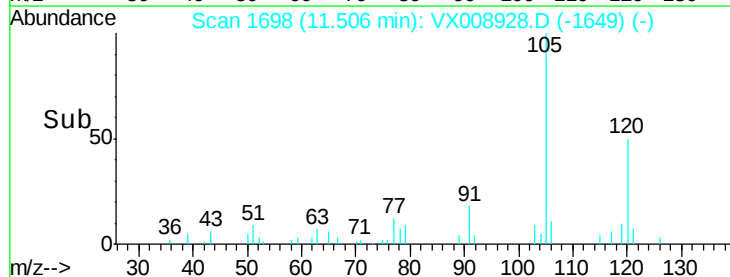
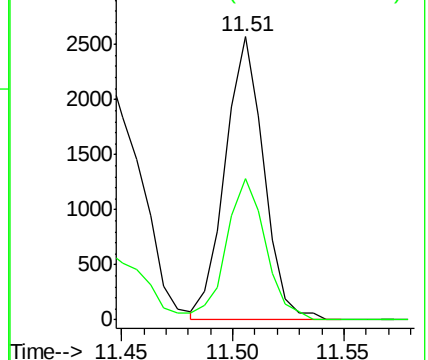
105 100

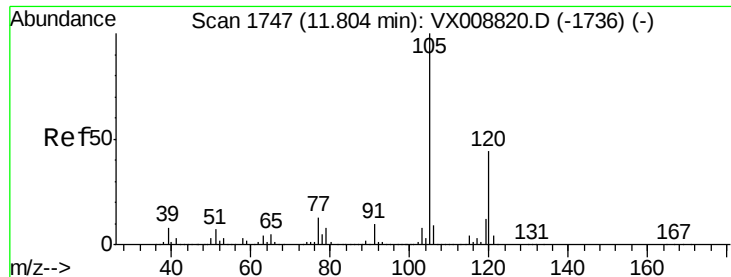
120 51.5 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

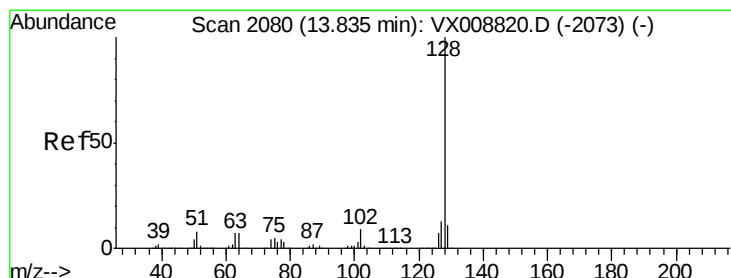
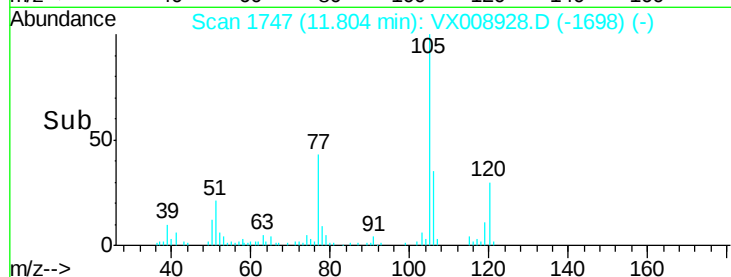
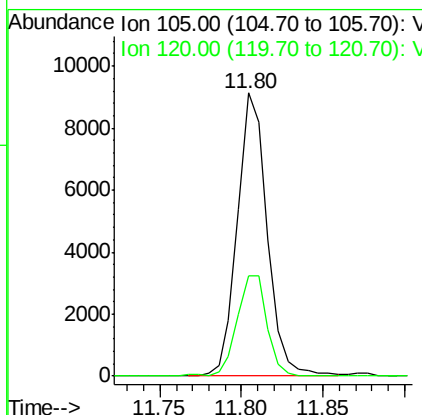
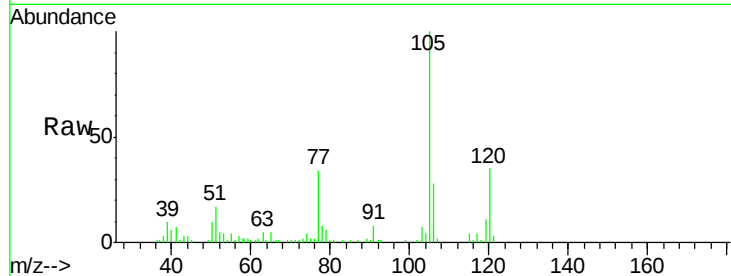




#84
 1,2,4-Trimethylbenzene
 Concen: 1.508 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008928.D
 Acq: 13 Apr 2019 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-COMP-1

Tot Ion:105 Resp: 11678
 Ion Ratio Lower Upper
 105 100
 120 35.6 21.8 65.3



#95
 Naphthalene
 Concen: 1.391 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX008928.D
 Acq: 13 Apr 2019 13:48

Tgt Ion:128 Resp: 12590
 Ion Ratio Lower Upper
 128 100
 127 17.7 10.4 15.6#
 129 11.7 8.6 13.0

