

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122618\
 Data File : VX006823.D
 Acq On : 26 Dec 2018 17:23
 Operator : JC/MD
 Sample : J6533-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-4

Quant Time: Dec 27 09:18:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	735398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1070734	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	974402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	499199	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	356303	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
35) Dibromofluoromethane	5.50	113	315905	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
50) Toluene-d8	8.71	98	1255789	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	457767	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	

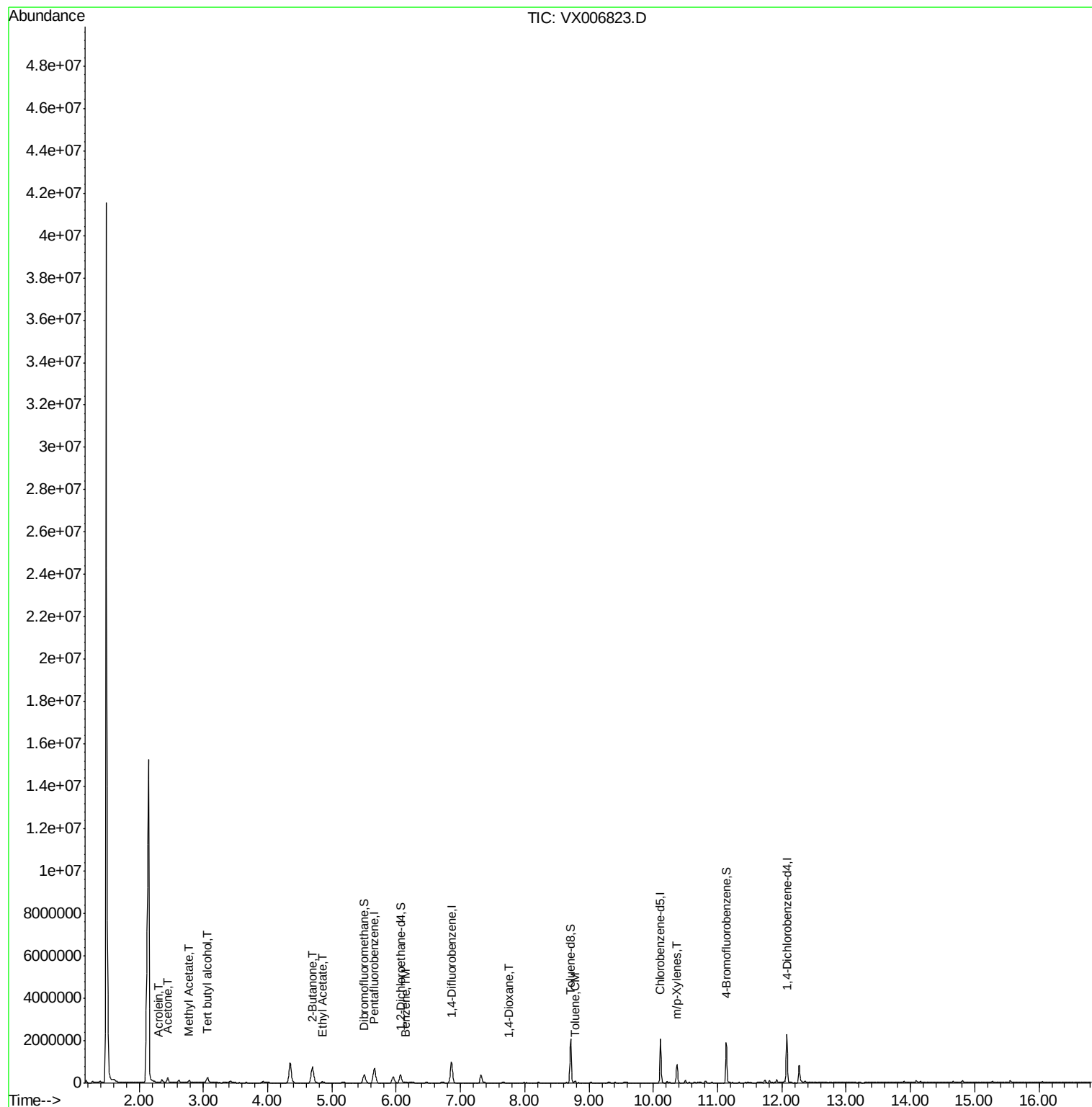
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	309573	175.016	ug/l	99
13) Acrolein	2.30	56	8293	6.950	ug/l	95
16) Acetone	2.45	43	250860	68.892	ug/l	99
18) Methyl Acetate	2.78	43	129735	12.116	ug/l	100
25) 2-Butanone	4.70	43	1383228	270.055	ug/l	98
37) Ethyl Acetate	4.85	43	98079	10.626	ug/l	95
40) Benzene	6.15	78	60844	2.257	ug/l	96
49) 1,4-Dioxane	7.75	88	4516	4.375	ug/l #	91
52) Toluene	8.78	92	30803	1.769	ug/l	99
68) m/p-Xylenes	10.36	106	15334	1.154	ug/l	95

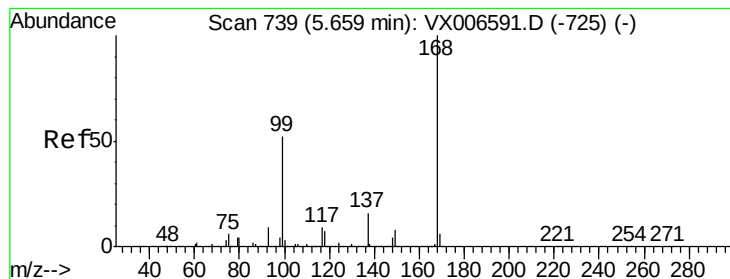
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122618\
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Instrument :
MSVOA_X
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COMP-4

Quant Time: Dec 27 09:18:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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: VX006823.D

Acq: 26 Dec 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

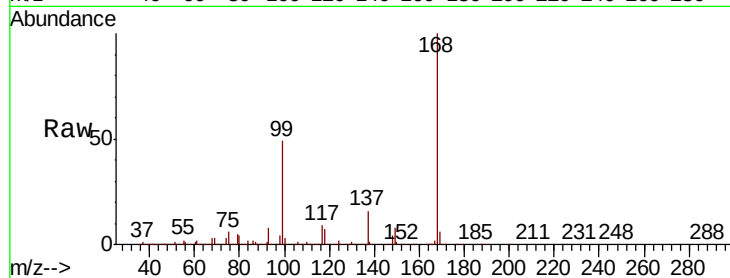
COMP-4

Tot Ion:168 Resp: 735398

Ion Ratio Lower Upper

168 100

99 48.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

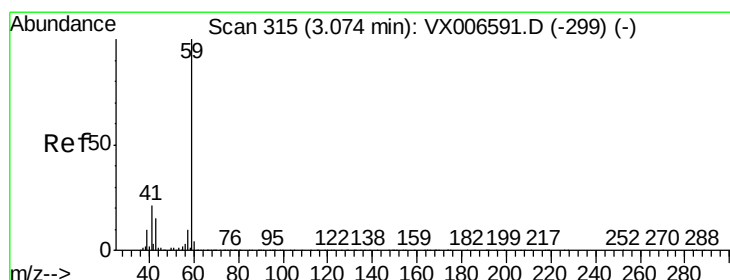
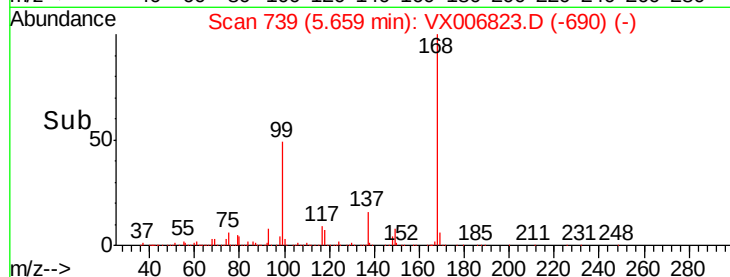
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 175.016 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006823.D

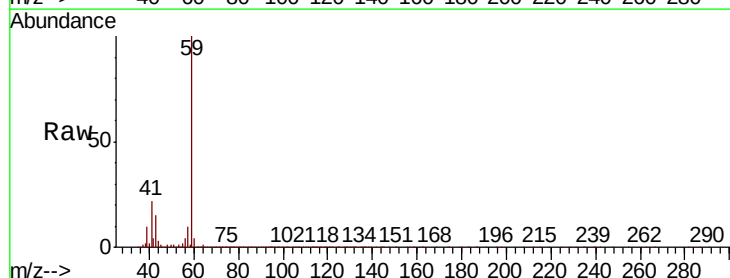
Acq: 26 Dec 2018 17:23

Tgt Ion: 59 Resp: 309573

Ion Ratio Lower Upper

59 100

57 10.1 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

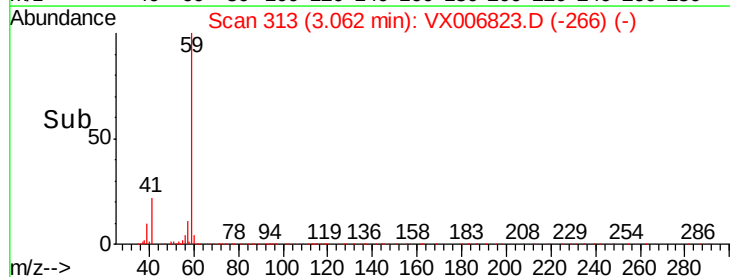
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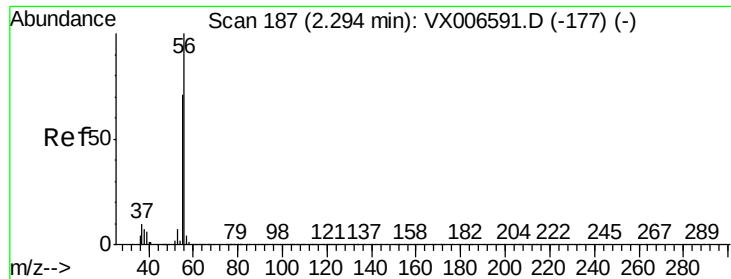
100000

50000

0

Time--> 2.90 3.00 3.10 3.20

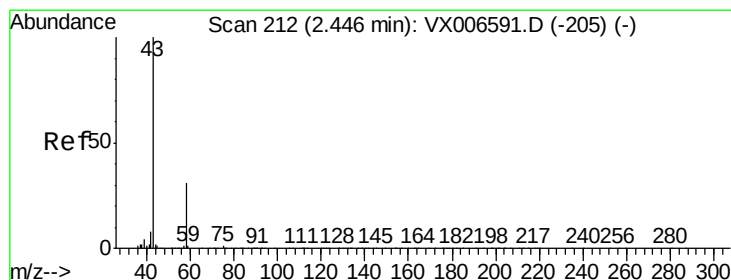
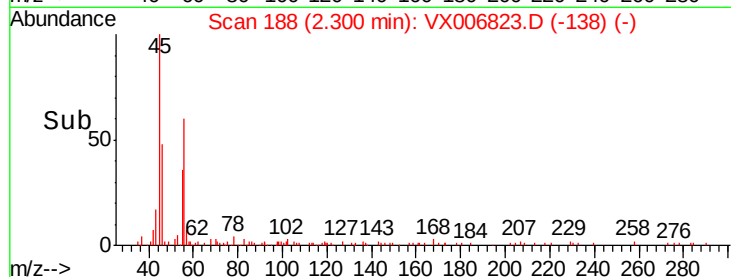
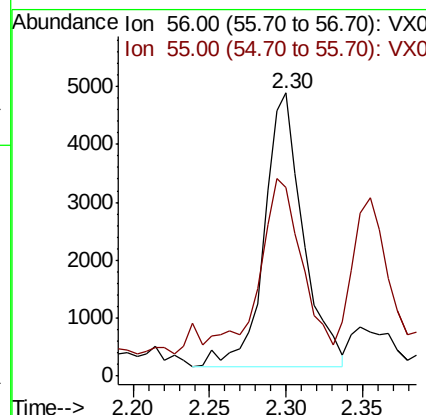
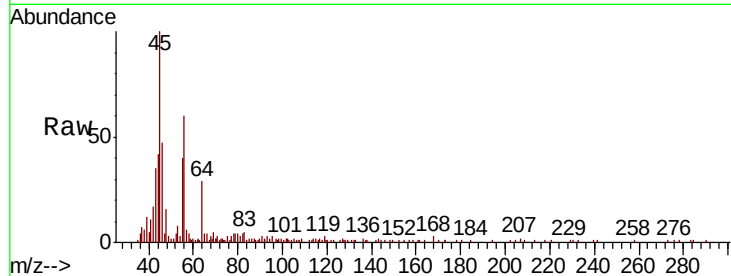




#13
Acrolein
Concen: 6.950 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006823.D
Acq: 26 Dec 2018 17:23

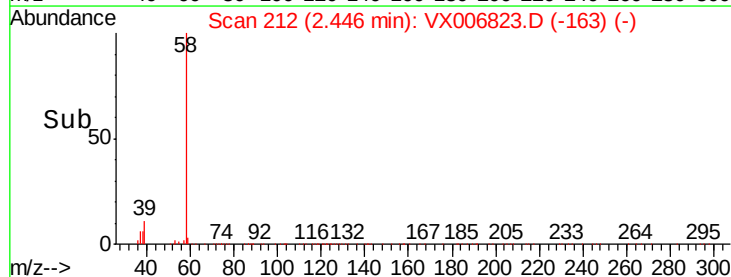
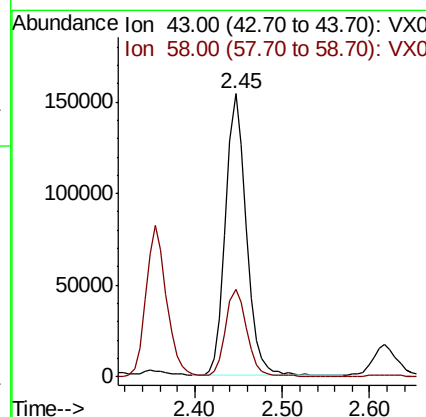
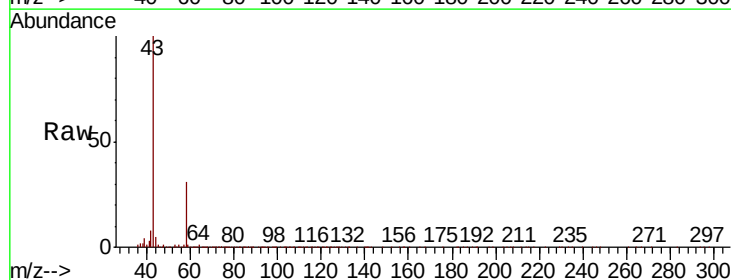
Instrument :
MSVOA_X
ClientSampled :
COMP-4

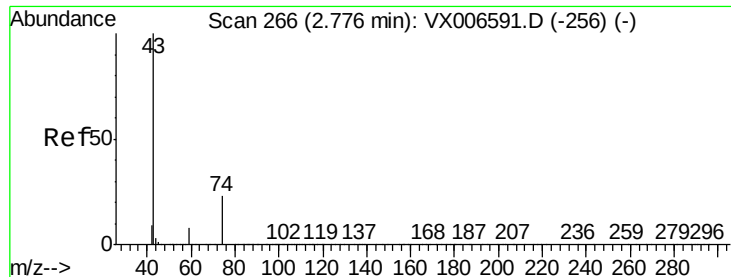
Tot Ion: 56 Resp: 8293
Ion Ratio Lower Upper
56 100
55 68.5 58.2 87.4



#16
Acetone
Concen: 68.892 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006823.D
Acq: 26 Dec 2018 17:23

Tgt Ion: 43 Resp: 250860
Ion Ratio Lower Upper
43 100
58 30.8 25.0 37.6

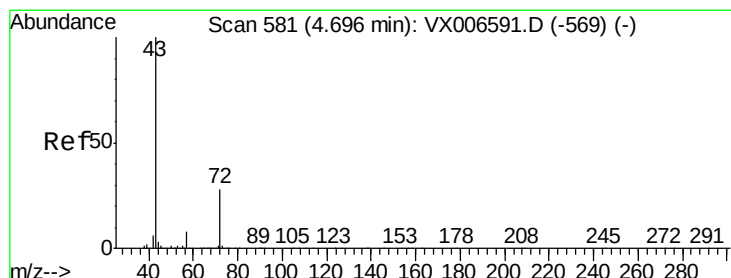
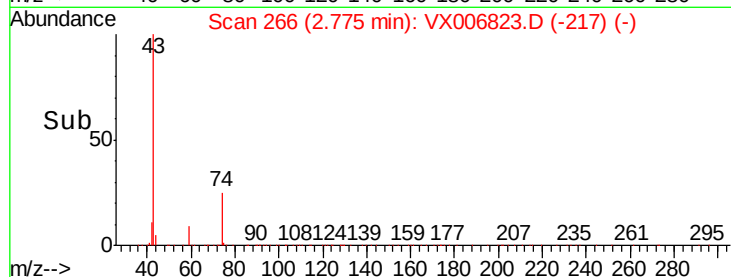
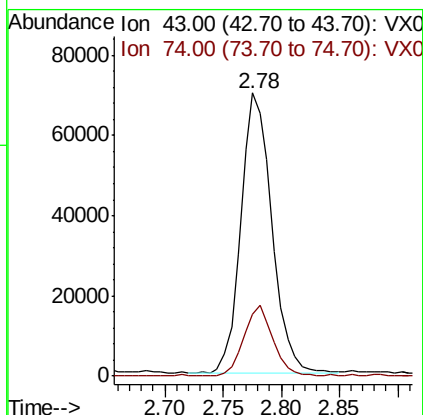
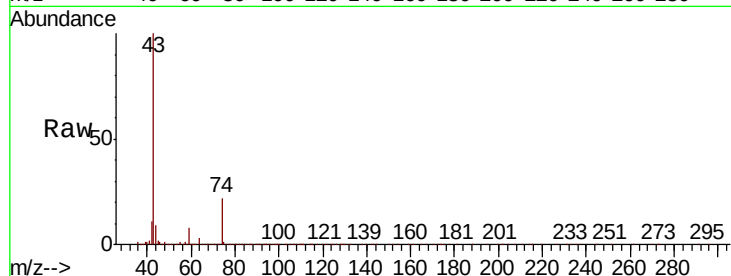




#18
Methvl Acetate
Concen: 12.116 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006823.D
Acq: 26 Dec 2018 17:23

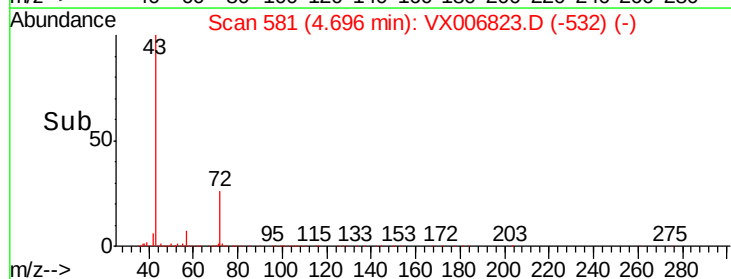
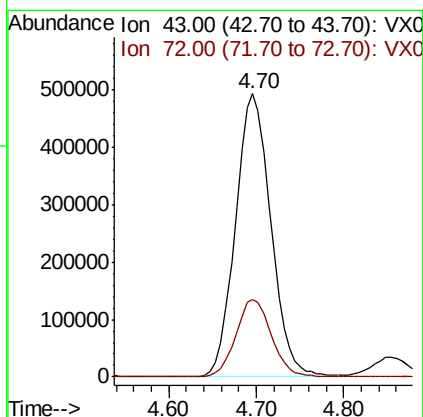
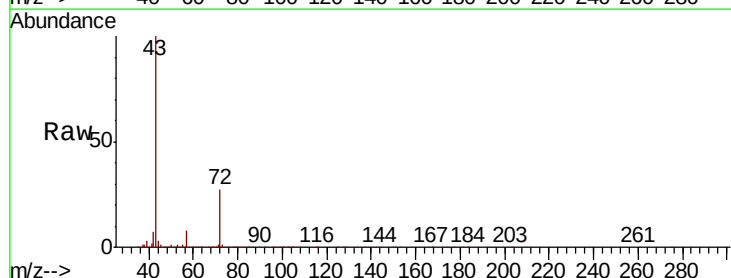
Instrument :
MSVOA_X
ClientSampleId :
COMP-4

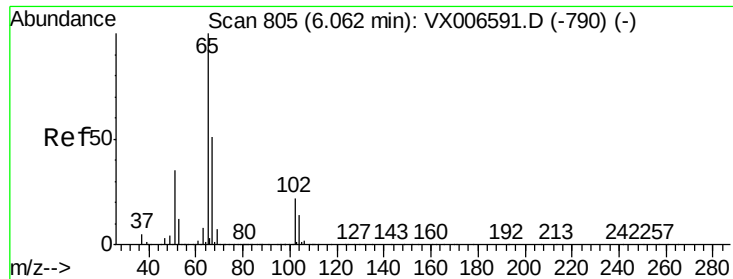
Tot Ion: 43 Resp: 129735
Ion Ratio Lower Upper
43 100
74 23.4 18.6 28.0



#25
2-Butanone
Concen: 270.055 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006823.D
Acq: 26 Dec 2018 17:23

Tgt Ion: 43 Resp: 1383228
Ion Ratio Lower Upper
43 100
72 27.2 22.4 33.6

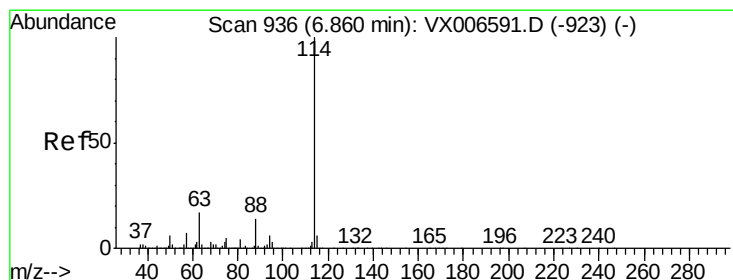
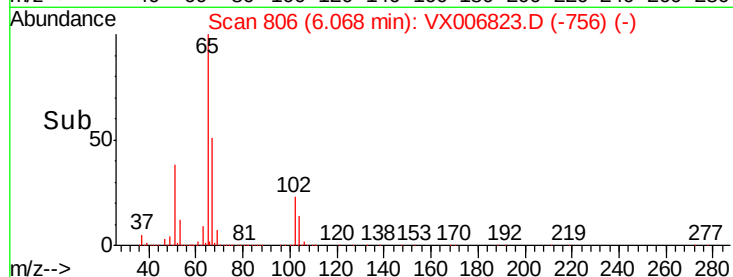
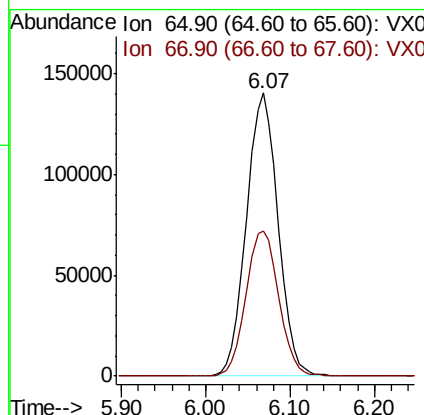
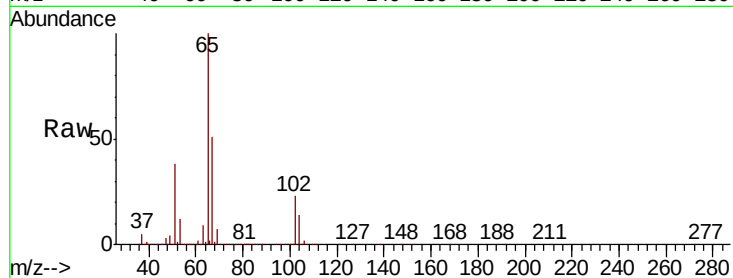




#33
 1,2-Dichloroethane-d4
 Concen: 44.955 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006823.D
 Acq: 26 Dec 2018 17:23

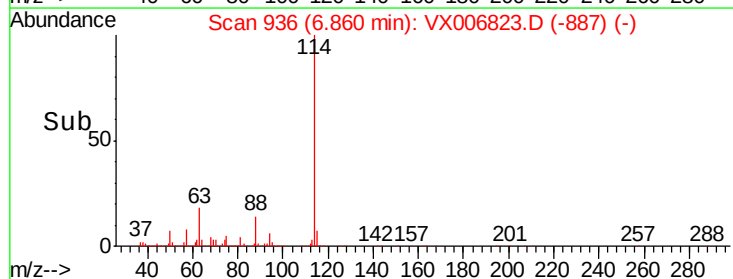
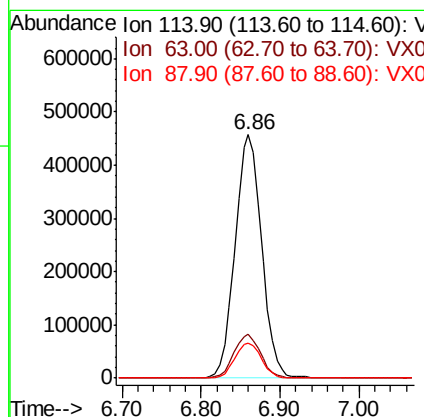
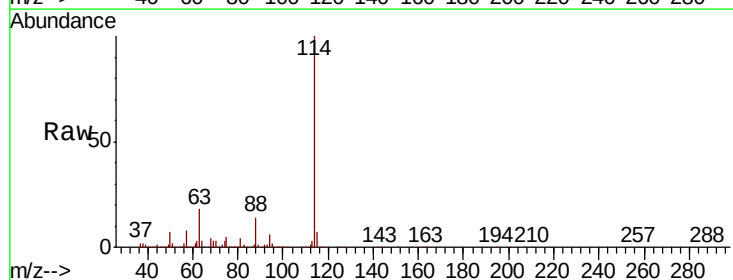
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-4

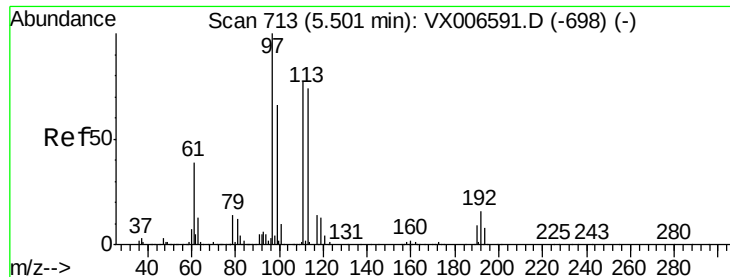
Tot Ion: 65 Resp: 356303
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006823.D
 Acq: 26 Dec 2018 17:23

Tgt Ion: 114 Resp: 1070734
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.8
 88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.655 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006823.D

Acq: 26 Dec 2018 17:23

Instrument :

MSVOA_X

ClientSampled :

COMP-4

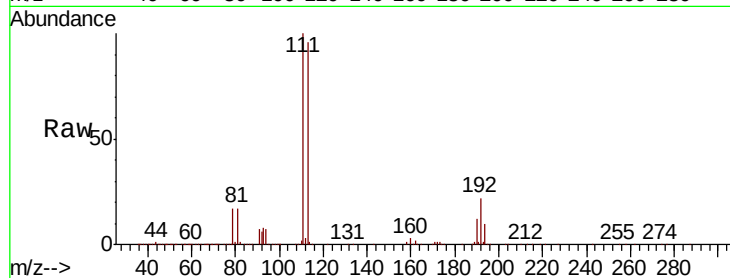
Tot Ion:113 Resp: 315905

Ion Ratio Lower Upper

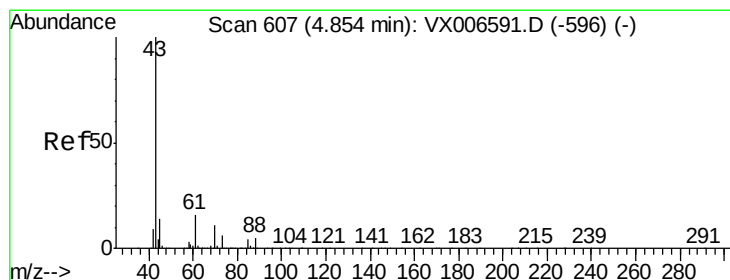
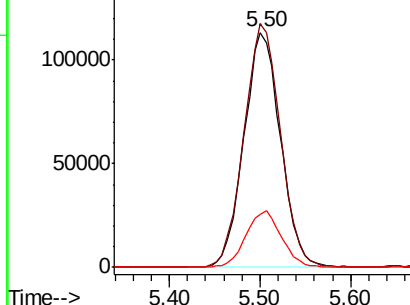
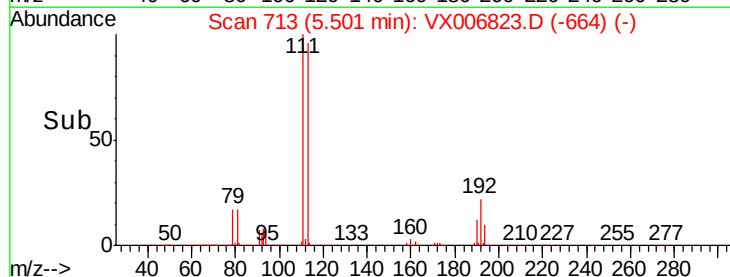
113 100

111 103.7 81.6 122.4

192 23.4 16.7 25.1



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: 10.626 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX006823.D

Acq: 26 Dec 2018 17:23

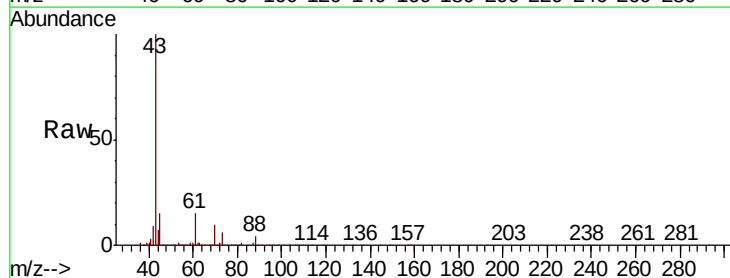
Tgt Ion: 43 Resp: 98079

Ion Ratio Lower Upper

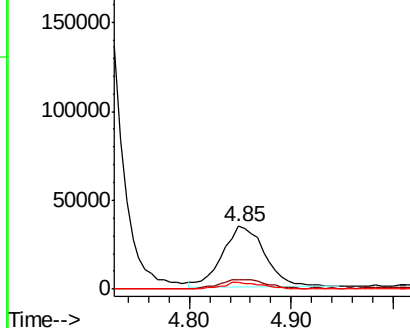
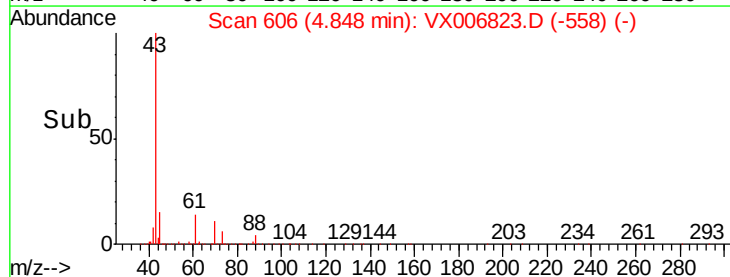
43 100

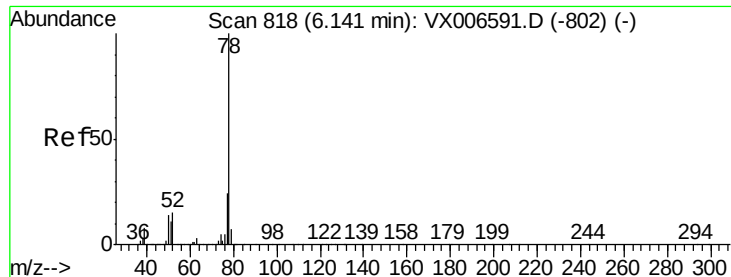
61 17.0 11.9 17.9

70 10.4 9.7 14.5



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: 2.257 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006823.D

Acq: 26 Dec 2018 17:23

Instrument :

MSVOA_X

ClientSampled :

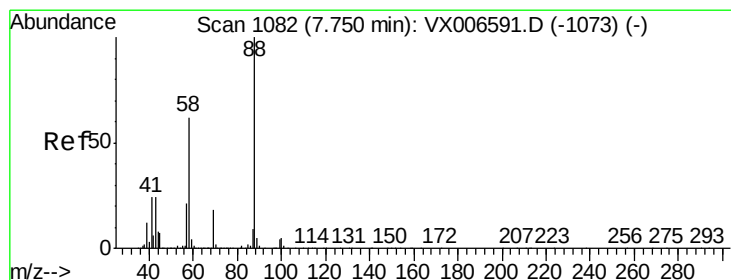
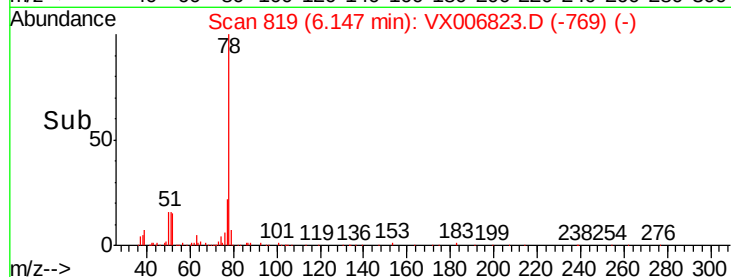
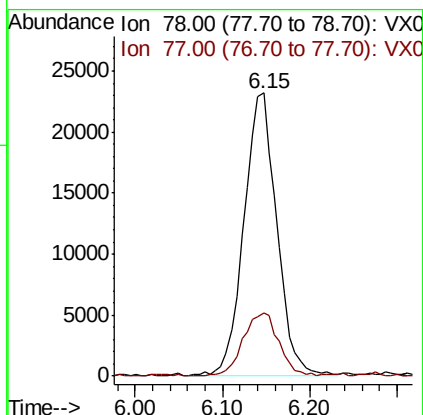
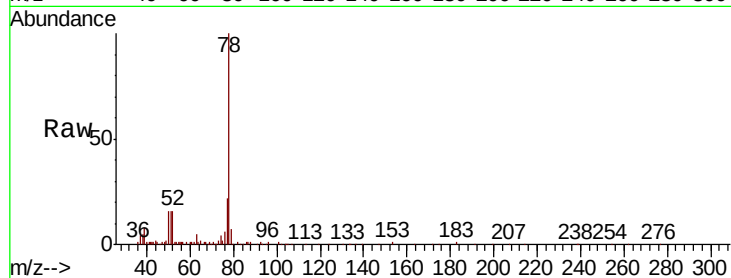
COMP-4

Tot Ion: 78 Resp: 60844

Ion Ratio Lower Upper

78 100

77 21.8 19.2 28.8



#49

1,4-Dioxane

Concen: 4.375 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006823.D

Acq: 26 Dec 2018 17:23

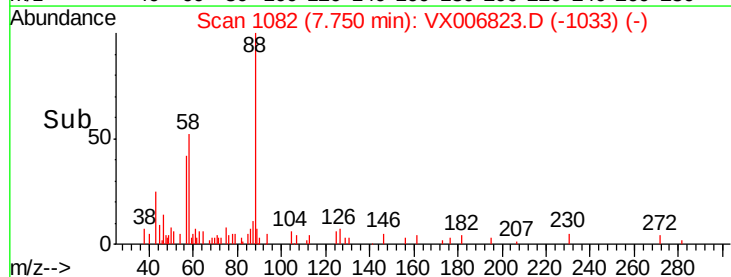
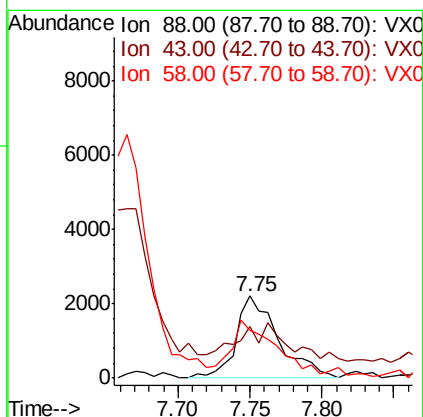
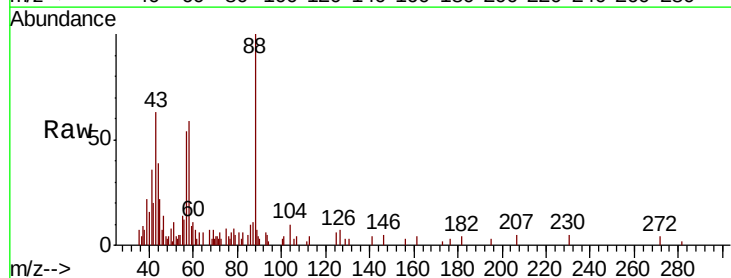
Tgt Ion: 88 Resp: 4516

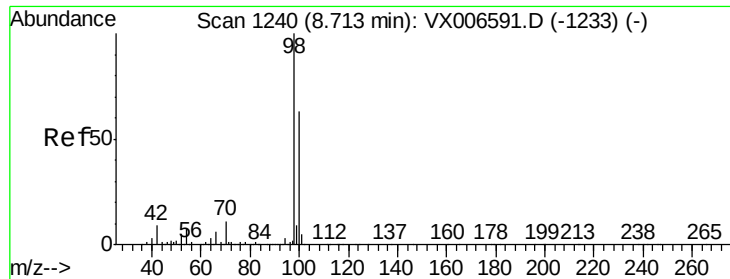
Ion Ratio Lower Upper

88 100

43 16.4 22.2 33.4#

58 61.6 51.0 76.4





#50

Toluene-d8

Concen: 49.194 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006823.D

Acq: 26 Dec 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

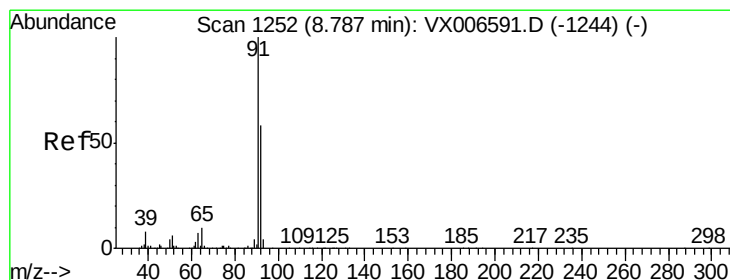
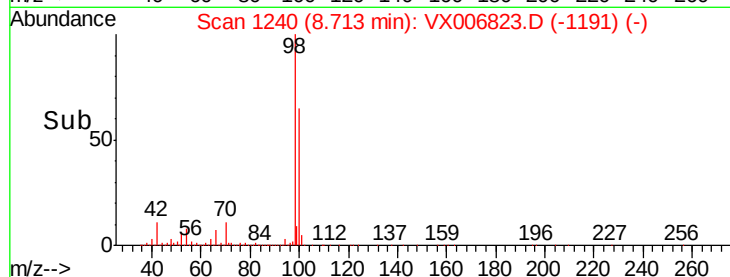
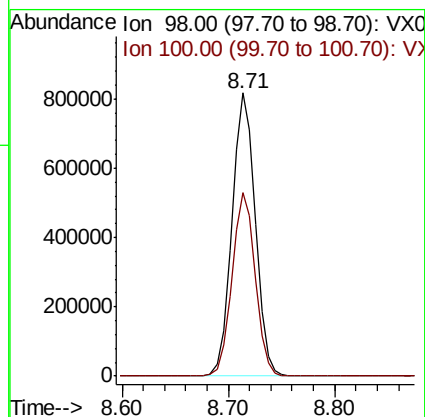
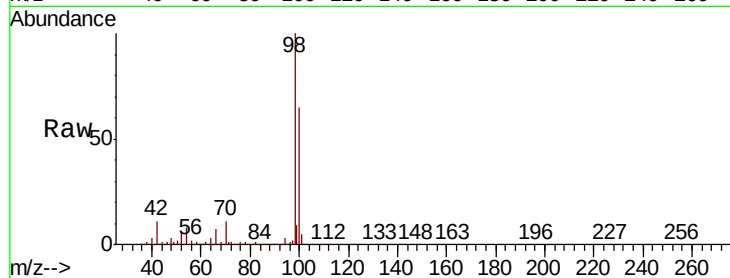
COMP-4

Tot Ion: 98 Resp: 1255789

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#52

Toluene

Concen: 1.769 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006823.D

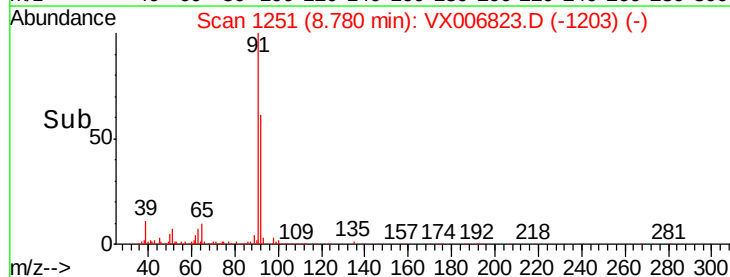
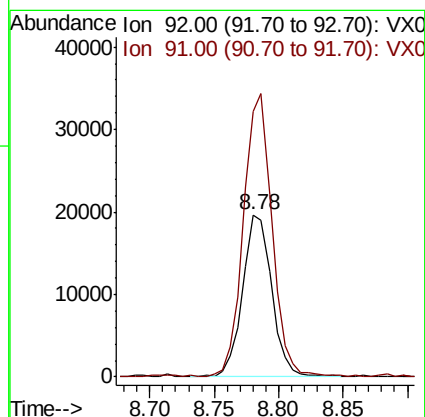
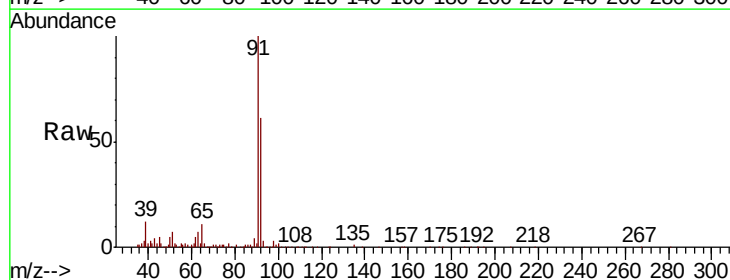
Acq: 26 Dec 2018 17:23

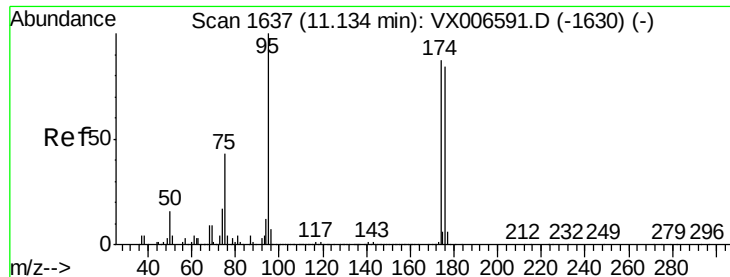
Tgt Ion: 92 Resp: 30803

Ion Ratio Lower Upper

92 100

91 171.0 137.6 206.4

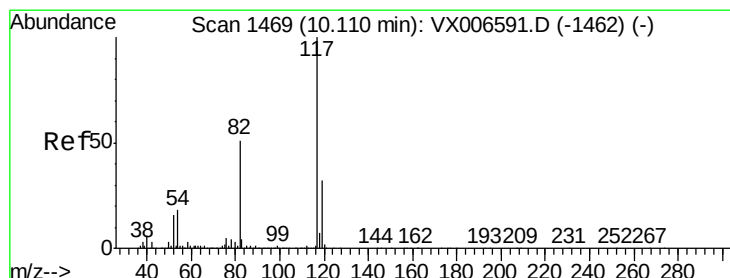
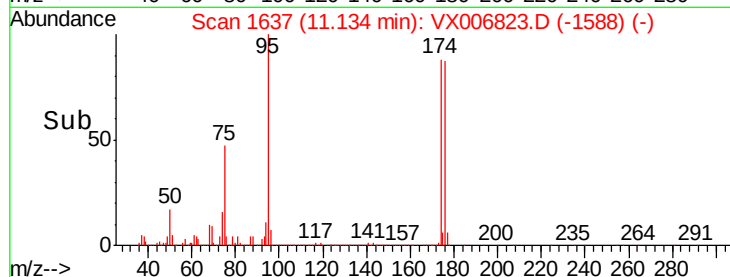
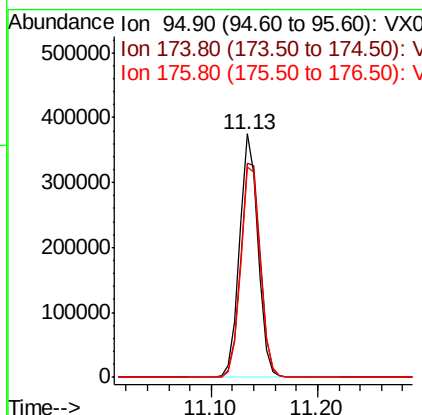
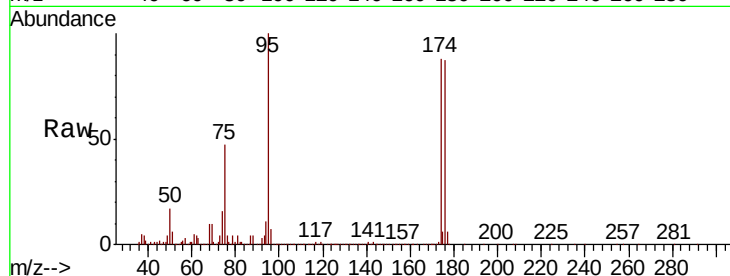




#62
4-Bromofluorobenzene
Concen: 48.963 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006823.D
Acq: 26 Dec 2018 17:23

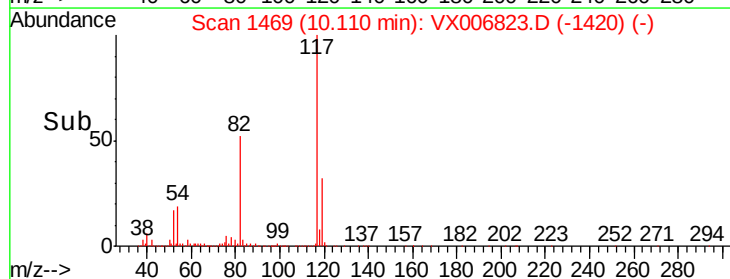
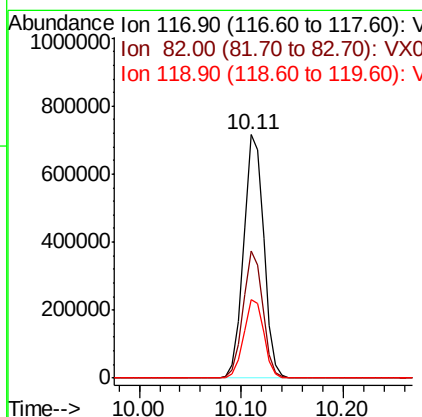
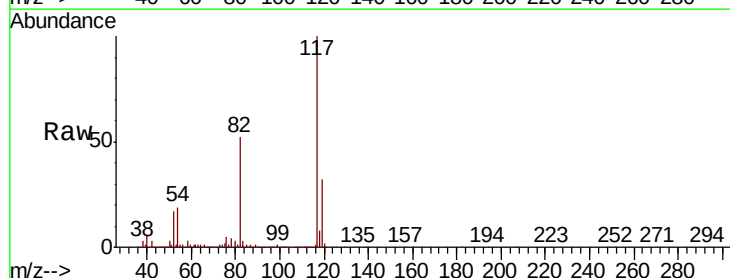
Instrument :
MSVOA_X
ClientSampleId :
COMP-4

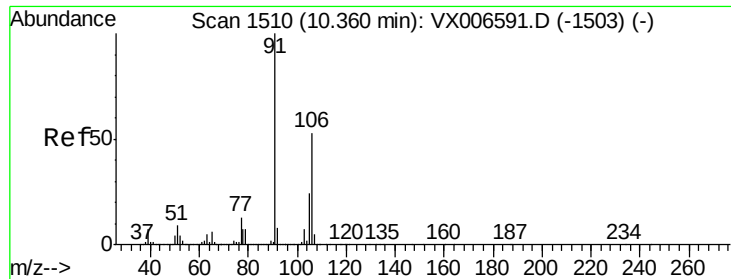
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	182.2
176	91.2	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006823.D
Acq: 26 Dec 2018 17:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.0	61.6
119	32.2	25.4	38.0

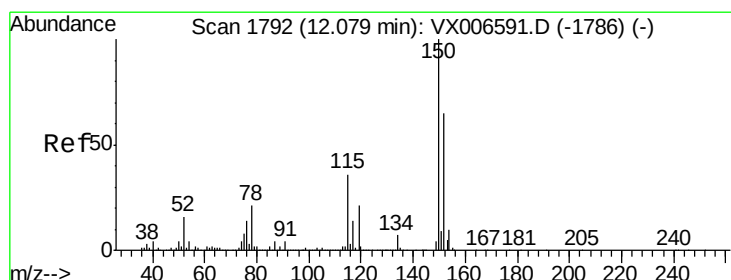
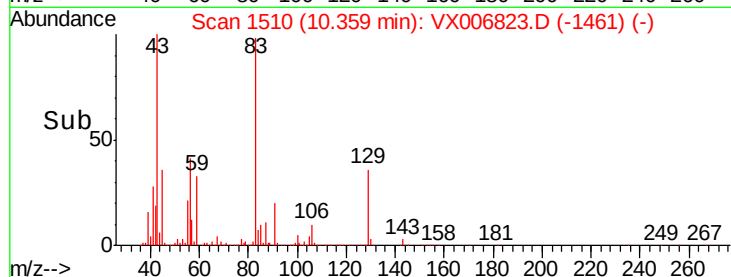
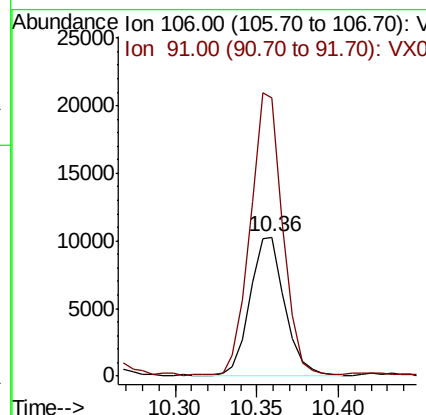
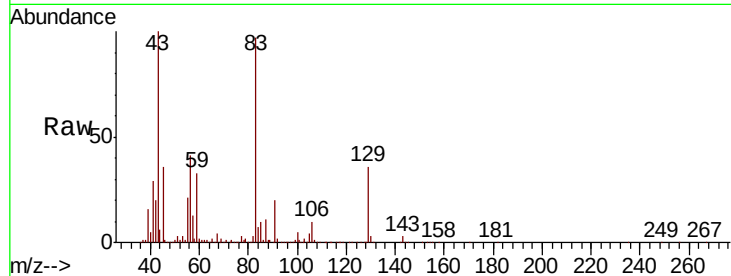




#68
m/p-Xylenes
Concen: 1.154 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006823.D
Acq: 26 Dec 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
COMP-4

Tot Ion:106 Resp: 15334
Ion Ratio Lower Upper
106 100
91 186.7 155.8 233.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006823.D
Acq: 26 Dec 2018 17:23

Tgt Ion:152 Resp: 499199
Ion Ratio Lower Upper
152 100
115 53.6 39.1 117.2
150 156.6 0.0 344.8

