

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008914.D
 Acq On : 13 Apr 2019 02:48
 Operator : JC/SP
 Sample : K2381-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-COMP-1

Quant Time: Apr 13 06:45:42 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	195182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119659	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	129487	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
35) Dibromofluoromethane	5.50	113	94202	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	
50) Toluene-d8	8.71	98	394924	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	134517	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	

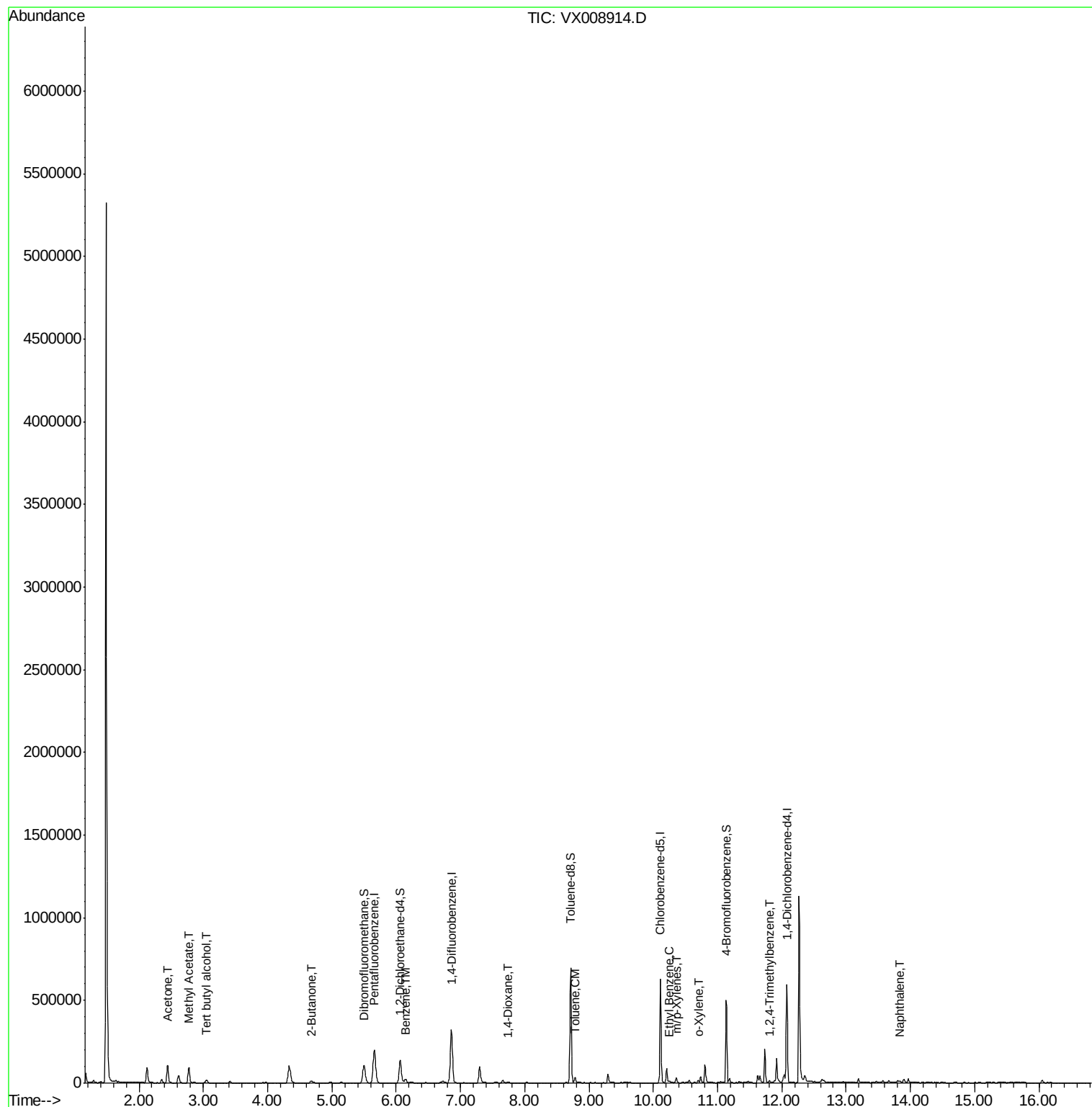
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.05	59	19308	28.970	ug/l	99
16) Acetone	2.45	43	118030	71.983	ug/l	98
18) Methyl Acetate	2.78	43	116924	29.402	ug/l	98
25) 2-Butanone	4.68	43	22279	8.597	ug/l	100
40) Benzene	6.14	78	24845	2.428	ug/l	92
49) 1,4-Dioxane	7.74	88	2471	36.304	ug/l	91
52) Toluene	8.79	92	11551	1.915	ug/l	97
67) Ethyl Benzene	10.25	91	3345	0.294	ug/l	99
68) m/p-Xylenes	10.36	106	6179	1.509	ug/l	96
69) o-Xylene	10.70	106	2863	0.722	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	4586	0.544	ug/l	98
95) Naphthalene	13.83	128	2959	0.301	ug/l	95

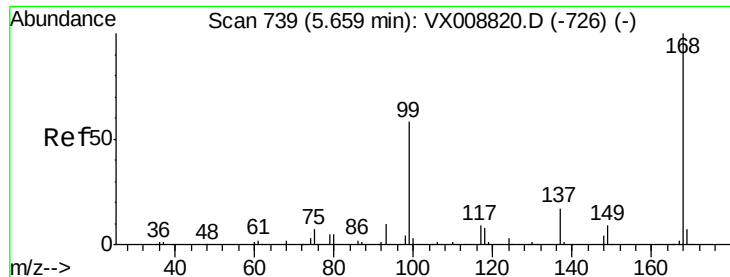
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
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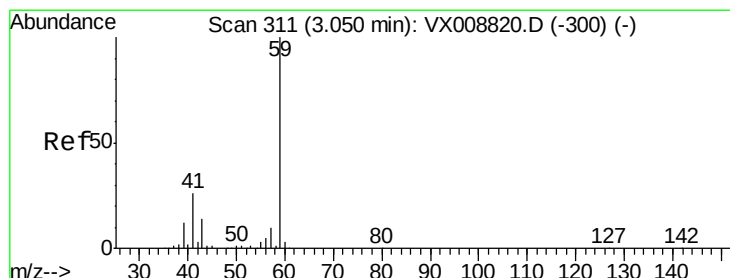
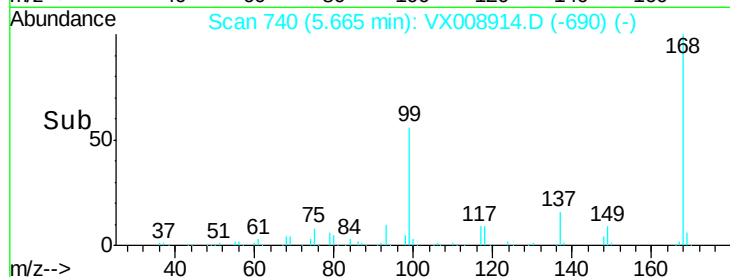
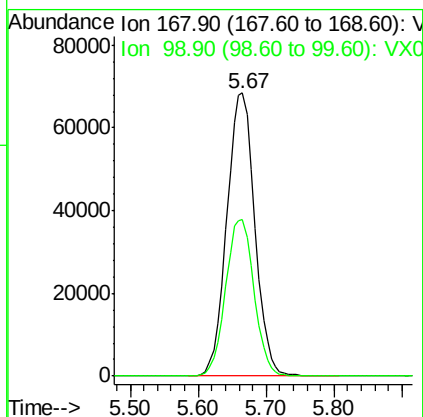
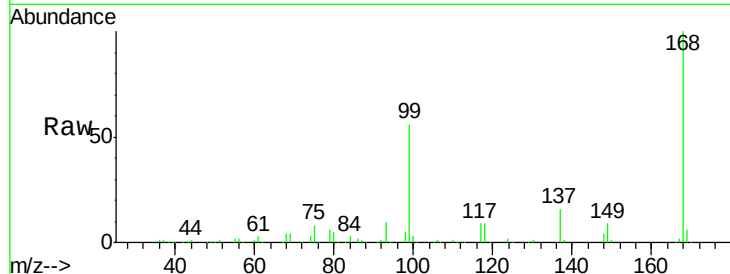




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008914.D
Acq: 13 Apr 2019 02:48

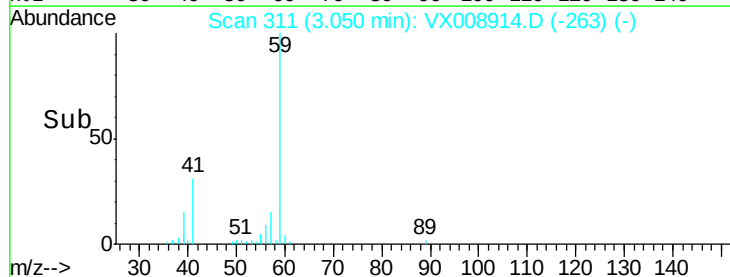
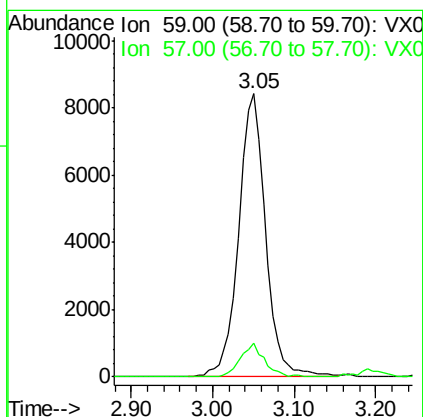
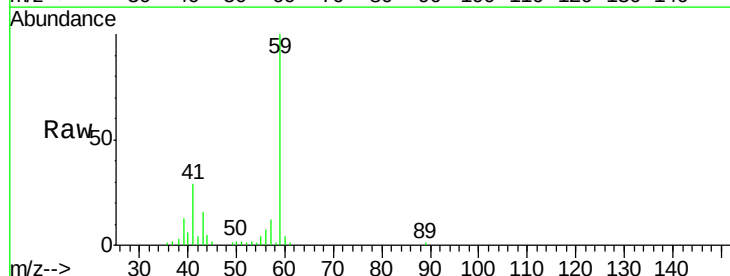
Instrument :
MSVOA_X
ClientSampleId :
CL-COMP-1

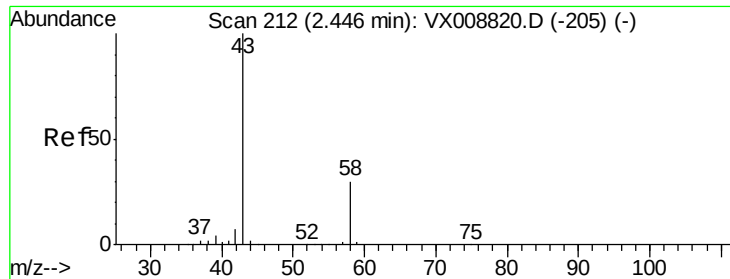
Tgt Ion:168 Resp: 195182
Ion Ratio Lower Upper
168 100
99 55.5 46.7 70.1



#11
Tert butyl alcohol
Concen: 28.970 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008914.D
Acq: 13 Apr 2019 02:48

Tgt Ion: 59 Resp: 19308
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

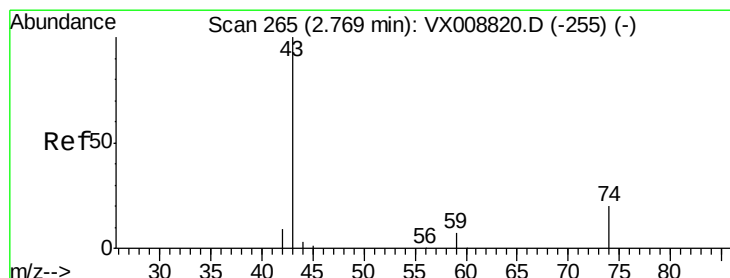
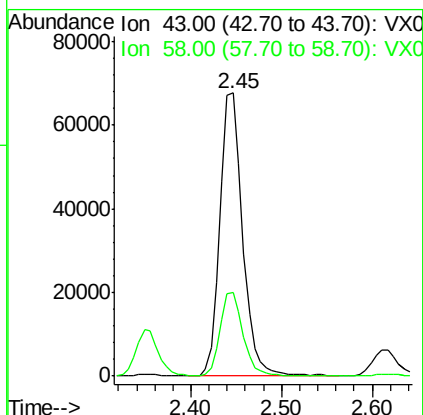
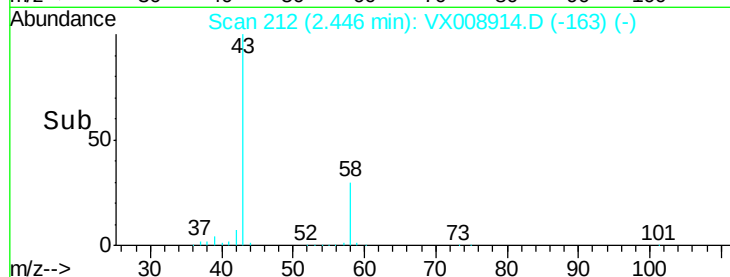
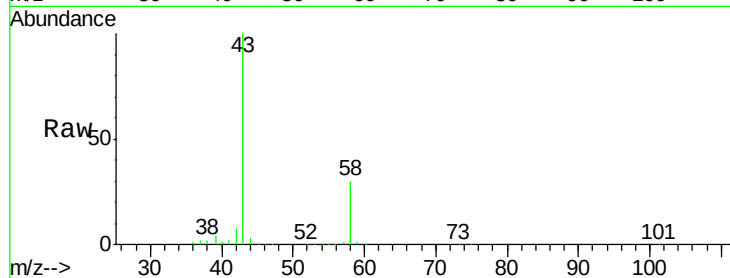




#16
 Acetone
 Concen: 71.983 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX008914.D
 Acq: 13 Apr 2019 02:48

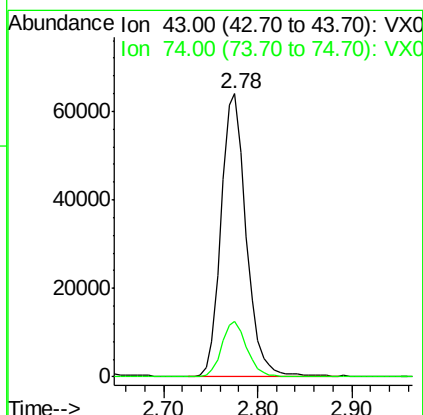
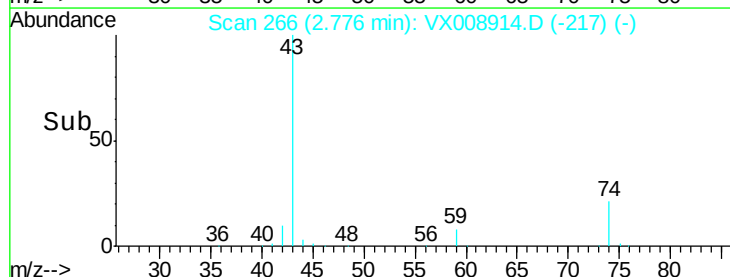
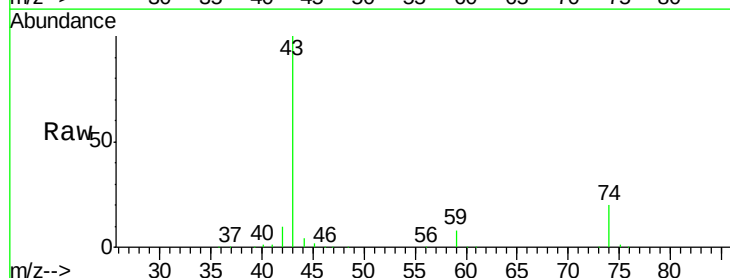
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-COMP-1

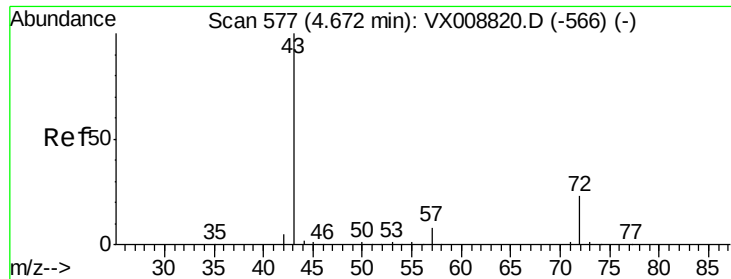
Tgt Ion: 43 Resp: 118030
 Ion Ratio Lower Upper
 43 100
 58 29.8 24.8 37.2



#18
 Methyl Acetate
 Concen: 29.402 ug/l
 RT: 2.78 min Scan# 266
 Delta R.T. 0.00 min
 Lab File: VX008914.D
 Acq: 13 Apr 2019 02:48

Tgt Ion: 43 Resp: 116924
 Ion Ratio Lower Upper
 43 100
 74 19.9 16.5 24.7





#25

2-Butanone

Concen: 8.597 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008914.D

Acq: 13 Apr 2019 02:48

Instrument :

MSVOA_X

ClientSampleId :

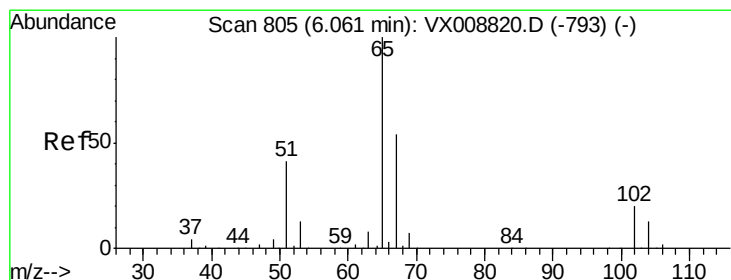
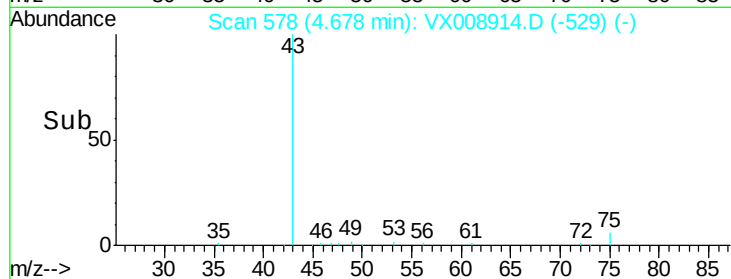
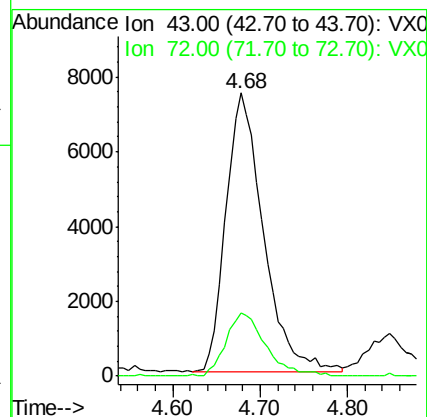
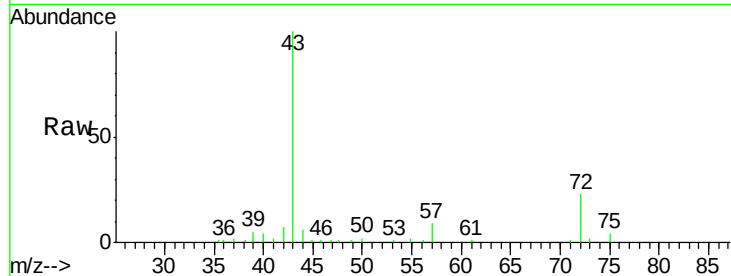
CL-COMP-1

Tgt Ion: 43 Resp: 22279

Ion Ratio Lower Upper

43 100

72 22.9 18.2 27.4



#33

1,2-Dichloroethane-d4

Concen: 45.484 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008914.D

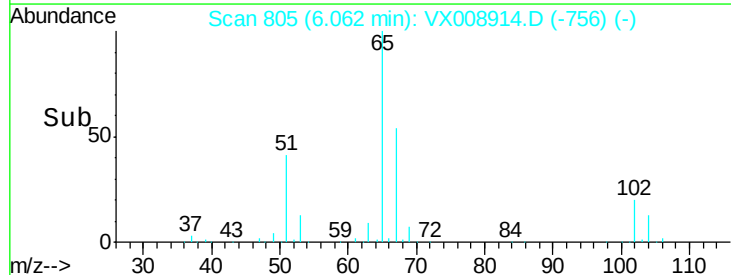
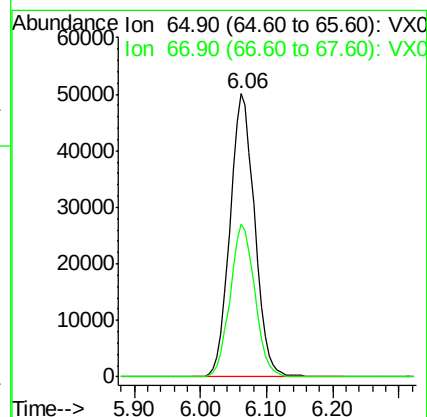
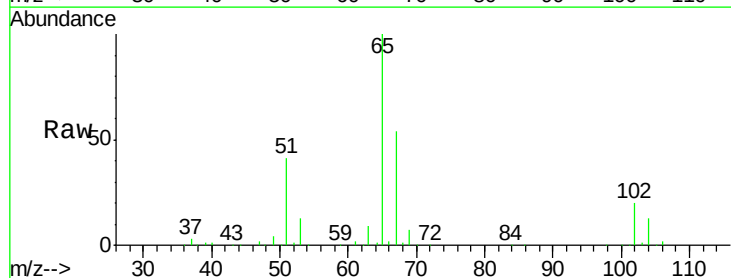
Acq: 13 Apr 2019 02:48

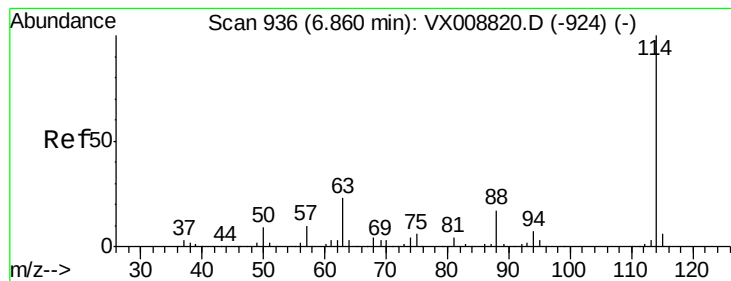
Tgt Ion: 65 Resp: 129487

Ion Ratio Lower Upper

65 100

67 53.8 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: VX008914.D

Acq: 13 Apr 2019 02:48

Instrument :

MSVOA_X

ClientSampleId :

CL-COMP-1

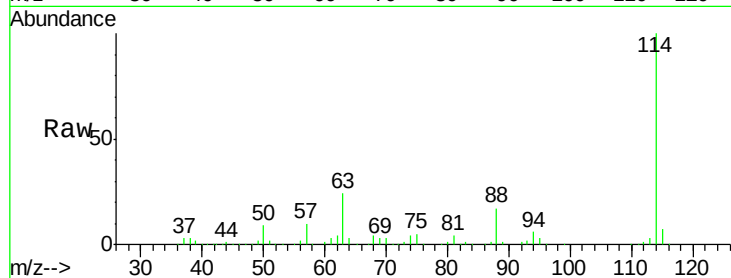
Tgt Ion:114 Resp: 314262

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.2

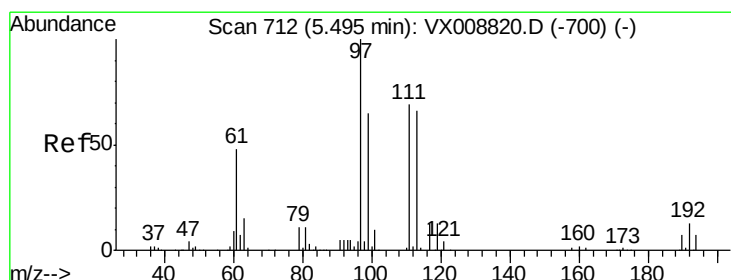
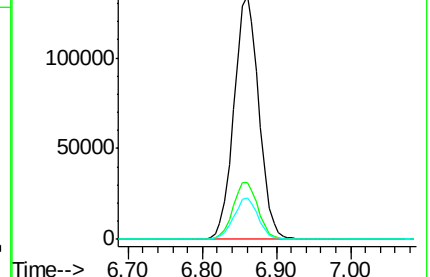
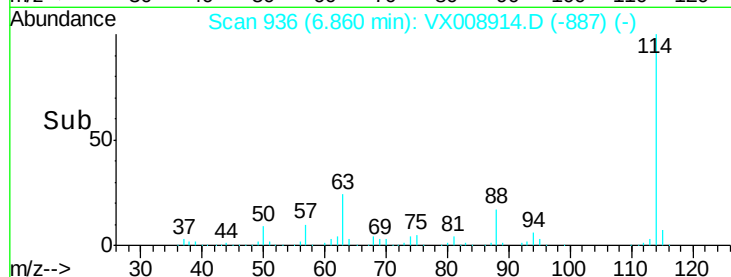
88 16.8 0.0 34.0



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: 46.884 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008914.D

Acq: 13 Apr 2019 02:48

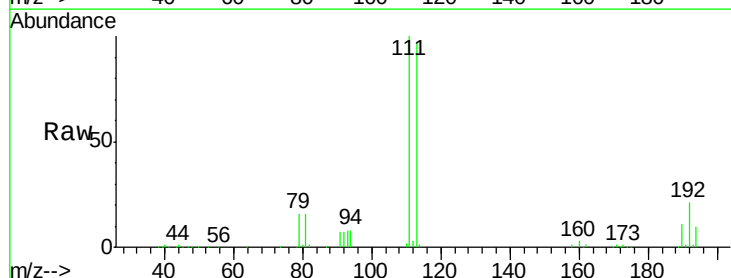
Tgt Ion:113 Resp: 94202

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

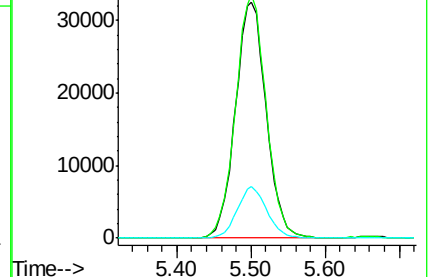
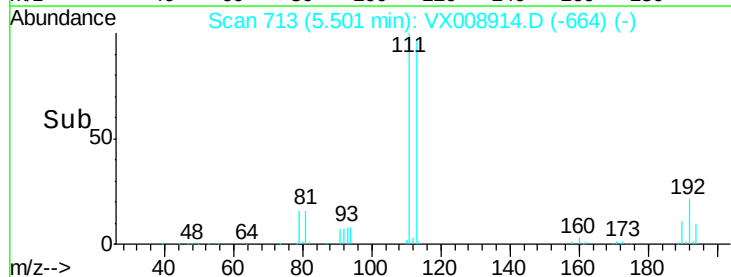
192 20.9 16.1 24.1

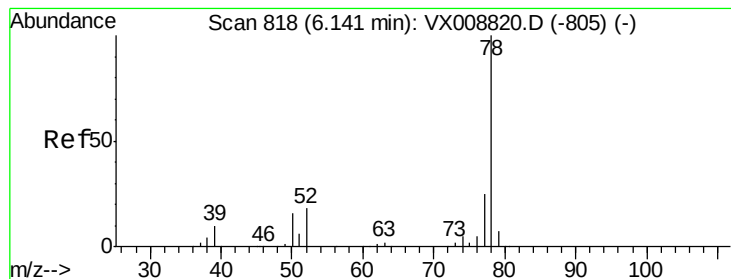


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 2.428 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX008914.D

Acq: 13 Apr 2019 02:48

Instrument :

MSVOA_X

ClientSampled :

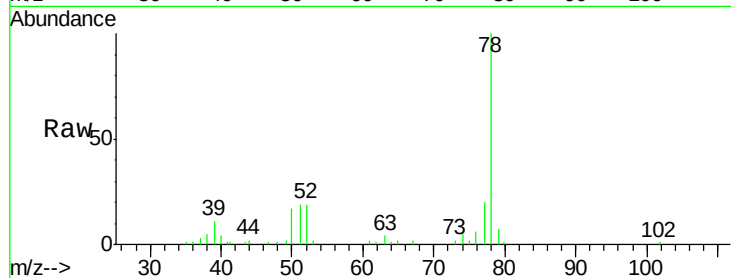
CL-COMP-1

Tgt Ion: 78 Resp: 24845

Ion Ratio Lower Upper

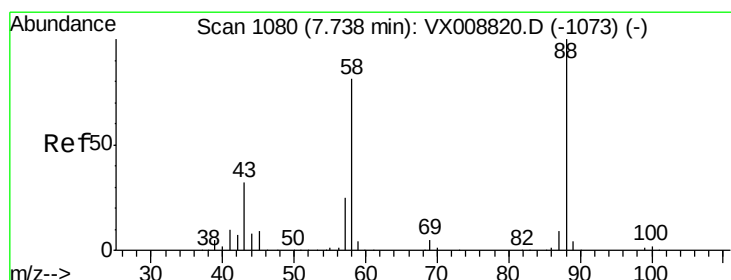
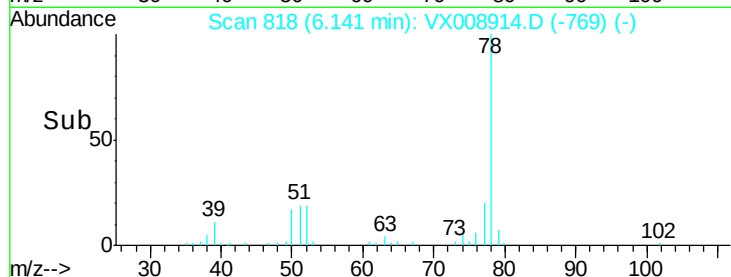
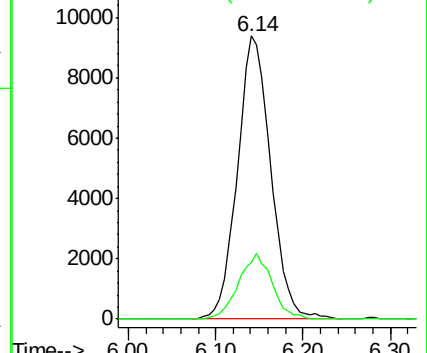
78 100

77 20.1 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#49

1,4-Dioxane

Concen: 36.304 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX008914.D

Acq: 13 Apr 2019 02:48

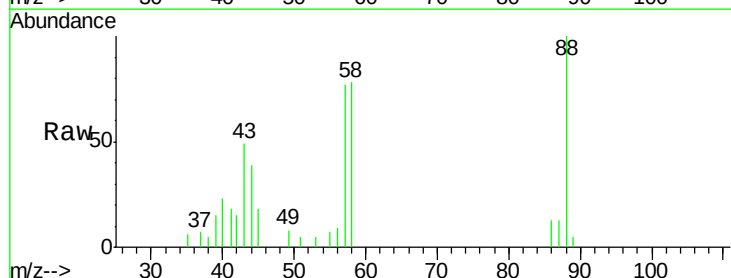
Tgt Ion: 88 Resp: 2471

Ion Ratio Lower Upper

88 100

43 33.1 28.6 43.0

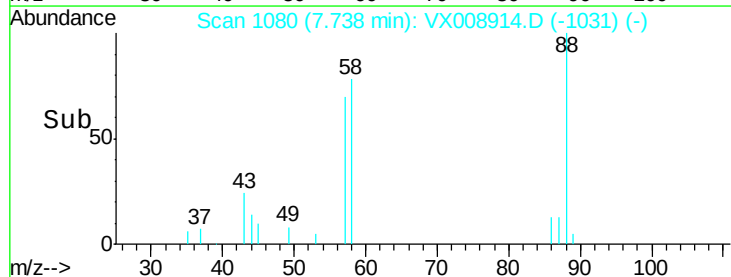
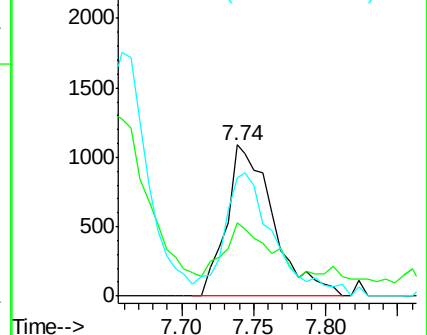
58 87.7 62.2 93.2

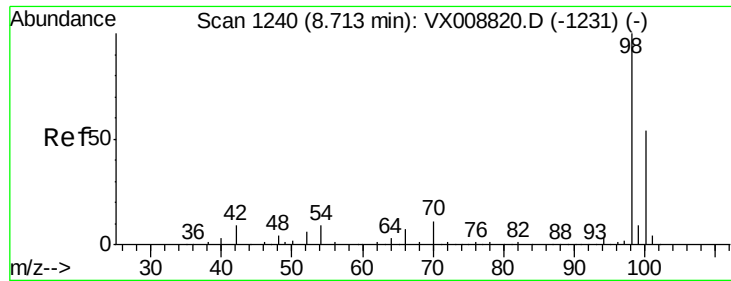


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

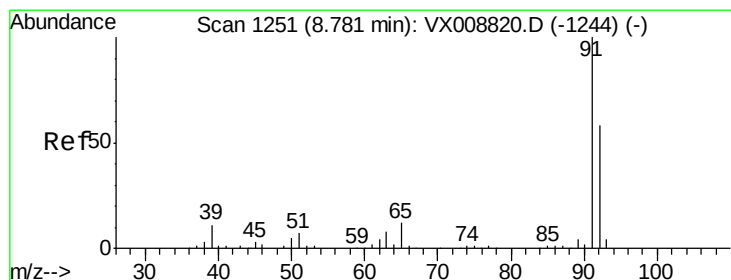
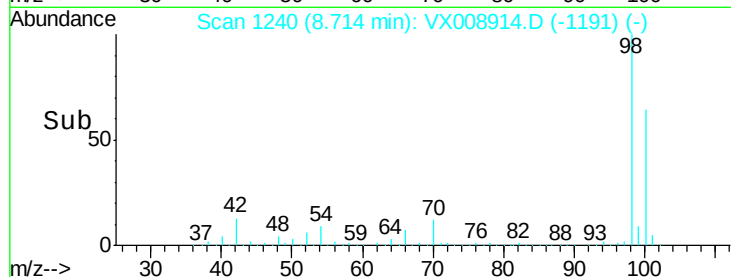
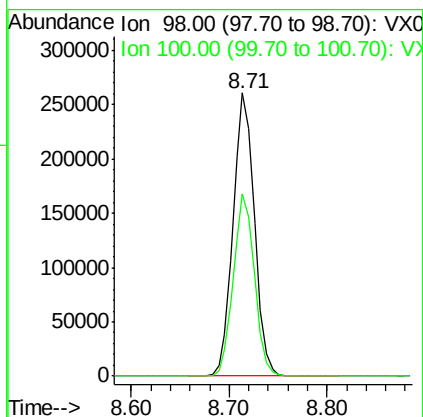
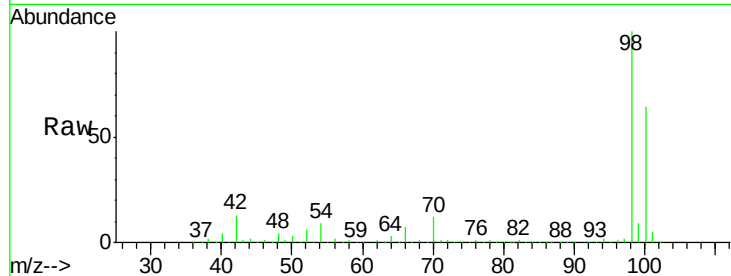




#50
Toluene-d8
Concen: 49.363 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008914.D
Acq: 13 Apr 2019 02:48

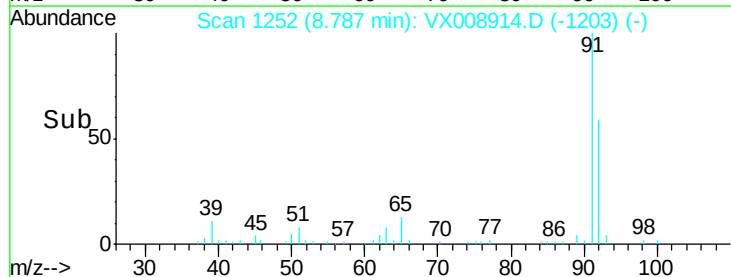
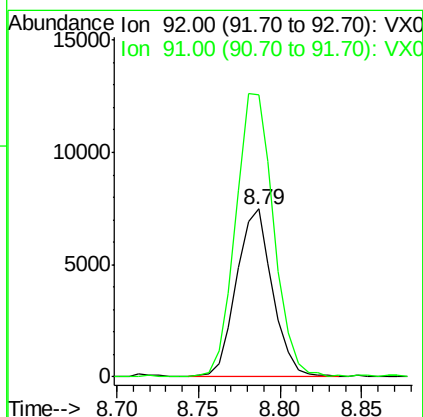
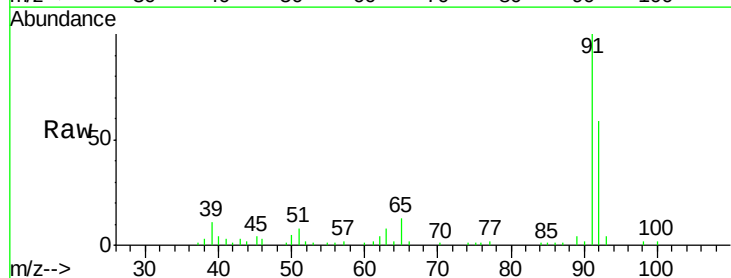
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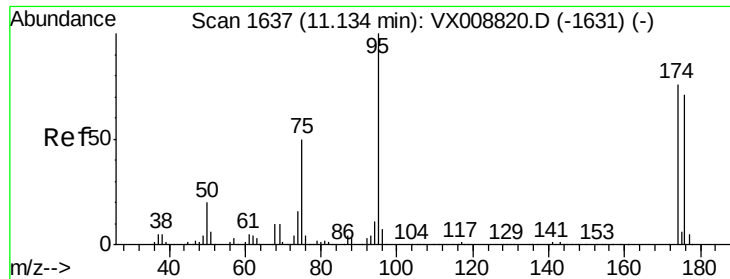
Tgt Ion: 98 Resp: 394924
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#52
Toluene
Concen: 1.915 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX008914.D
Acq: 13 Apr 2019 02:48

Tgt Ion: 92 Resp: 11551
Ion Ratio Lower Upper
92 100
91 177.0 138.5 207.7





#62

4-Bromofluorobenzene

Concen: 47.414 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008914.D

Acq: 13 Apr 2019 02:48

Instrument :

MSVOA_X

ClientSampled :

CL-COMP-1

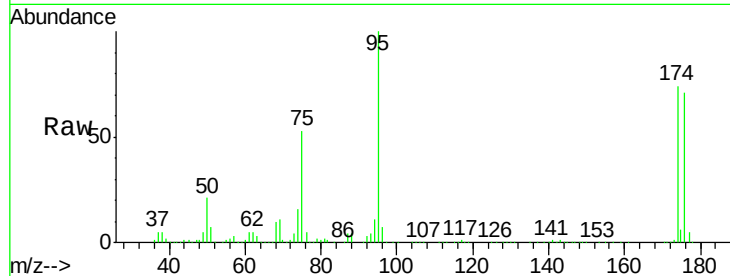
Tgt Ion: 95 Resp: 134517

Ion Ratio Lower Upper

95 100

174 77.8 0.0 151.8

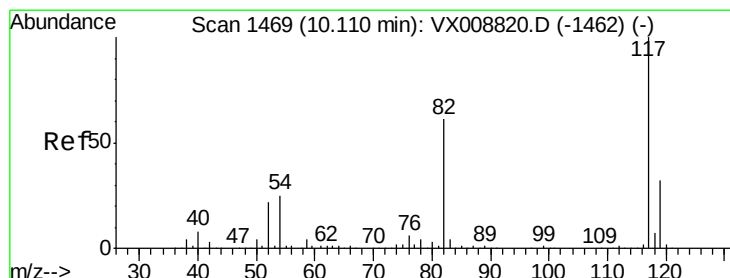
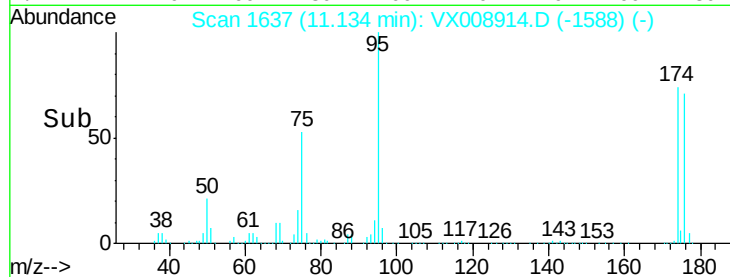
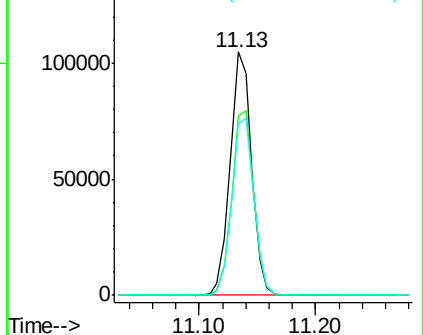
176 75.5 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008914.D

Acq: 13 Apr 2019 02:48

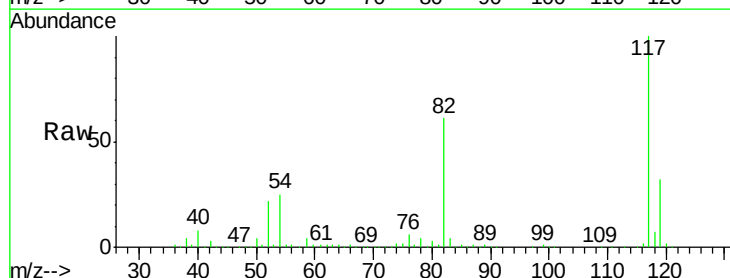
Tgt Ion: 117 Resp: 275503

Ion Ratio Lower Upper

117 100

82 61.4 49.6 74.4

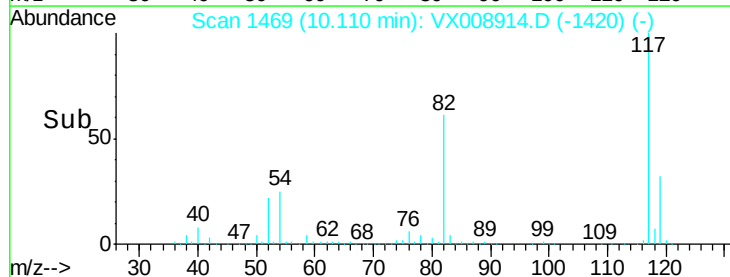
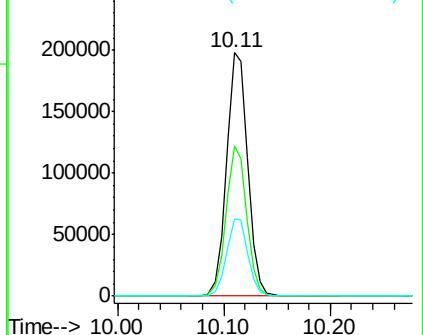
119 31.9 25.0 37.4

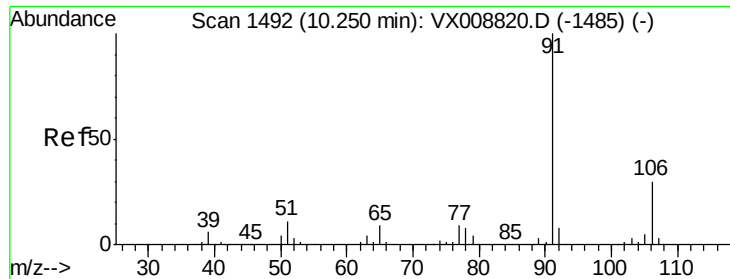


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.D (-1462) (-)

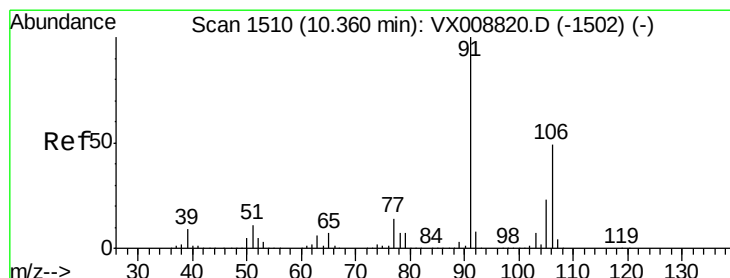
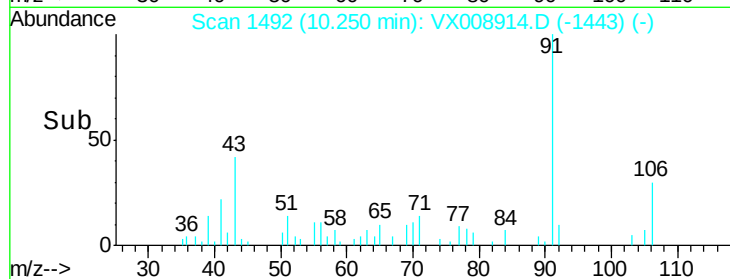
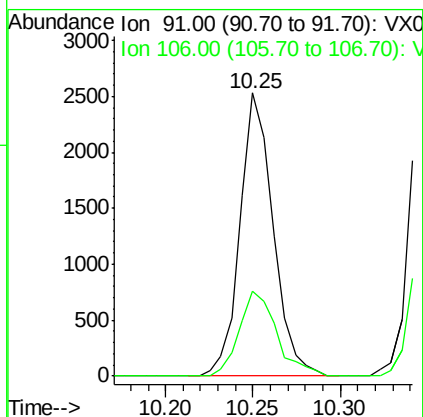
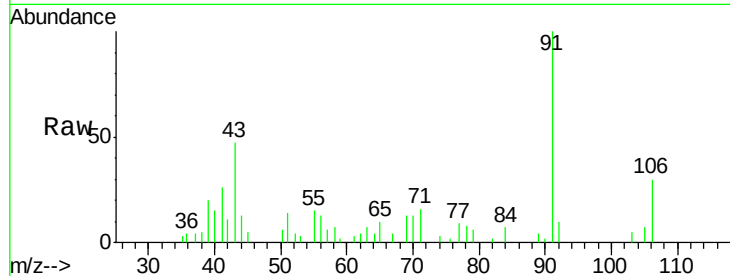




#67
Ethyl Benzene
Concen: 0.294 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008914.D
Acq: 13 Apr 2019 02:48

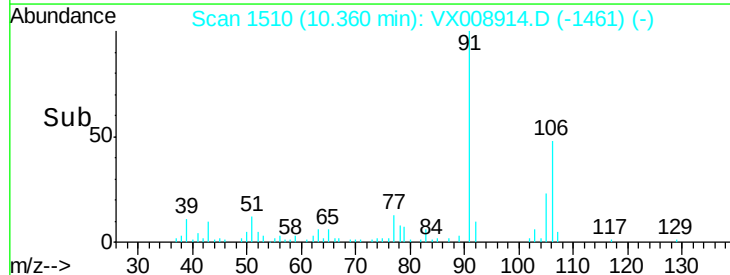
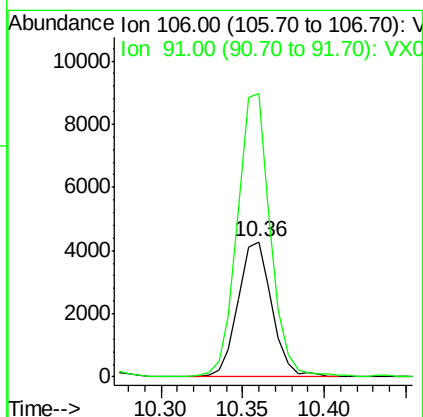
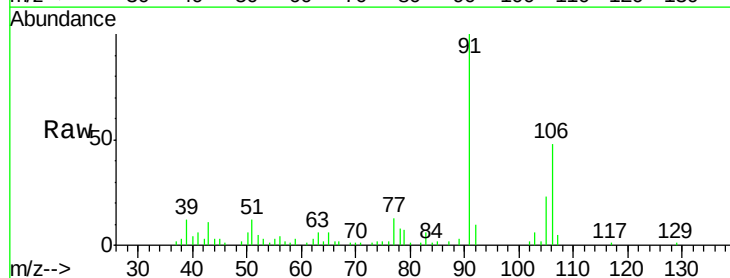
Instrument :
MSVOA_X
ClientSampled :
CL-COMP-1

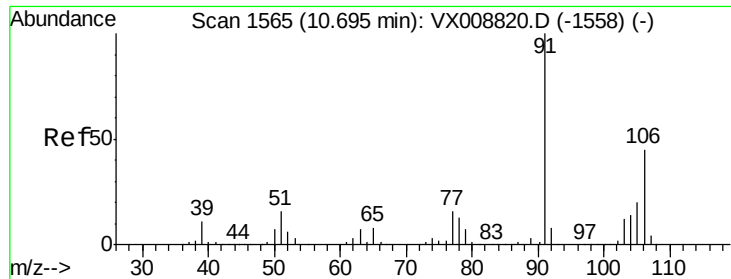
Tgt Ion: 91 Resp: 3345
Ion Ratio Lower Upper
91 100
106 29.9 23.7 35.5



#68
m/p-Xylenes
Concen: 1.509 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008914.D
Acq: 13 Apr 2019 02:48

Tgt Ion: 106 Resp: 6179
Ion Ratio Lower Upper
106 100
91 204.7 168.5 252.7

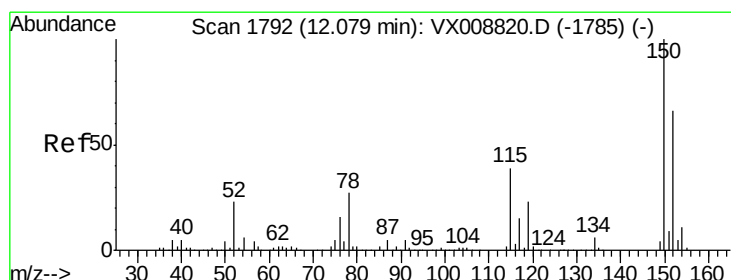
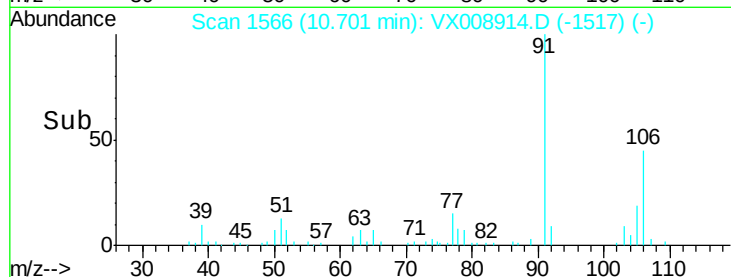
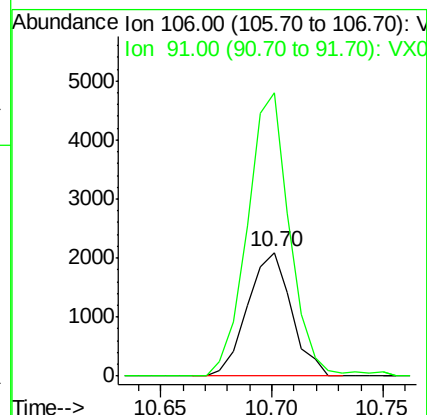
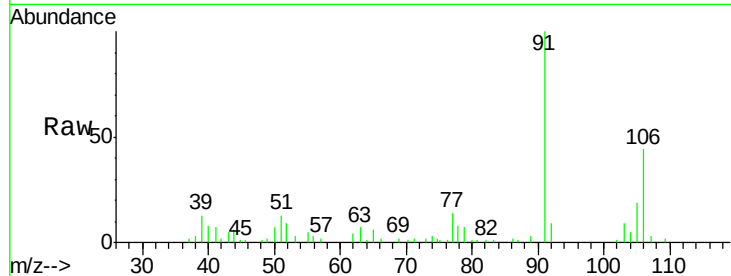




#69
o-Xylene
Concen: 0.722 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008914.D
Acq: 13 Apr 2019 02:48

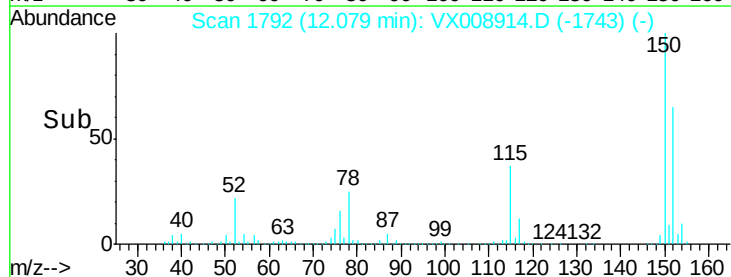
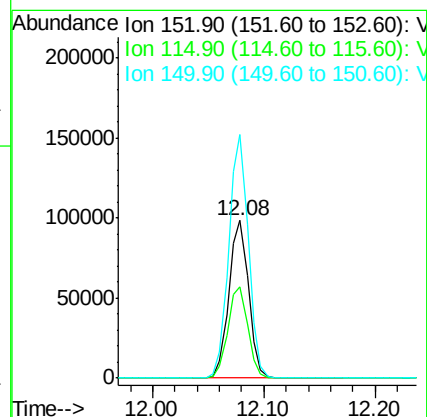
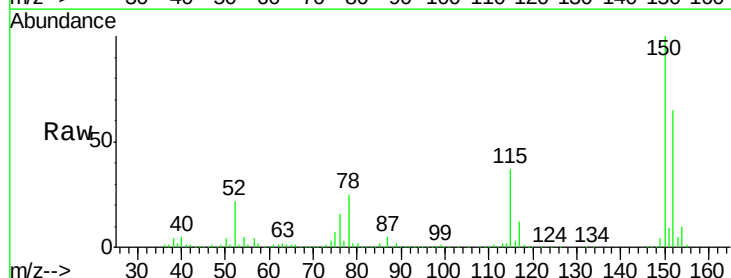
Instrument :
MSVOA_X
ClientSampled :
CL-COMP-1

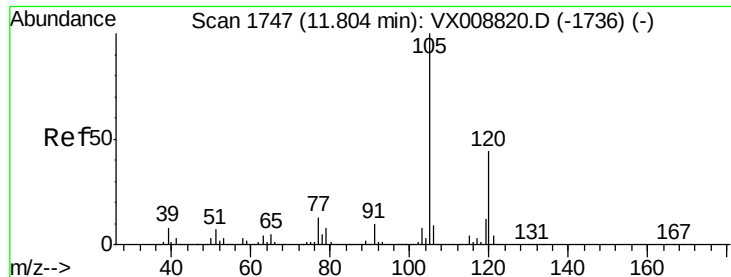
Tgt Ion:106 Resp: 2863
Ion Ratio Lower Upper
106 100
91 222.8 111.5 334.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008914.D
Acq: 13 Apr 2019 02:48

Tgt Ion:152 Resp: 119659
Ion Ratio Lower Upper
152 100
115 58.9 43.5 130.5
150 154.2 0.0 348.8

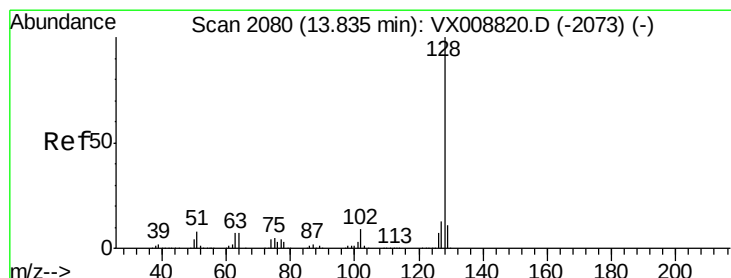
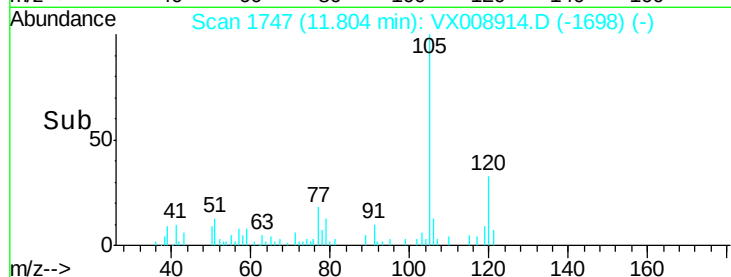
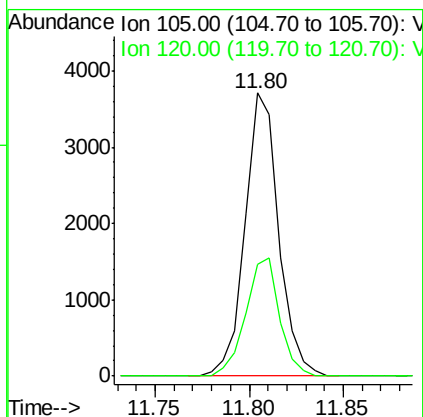
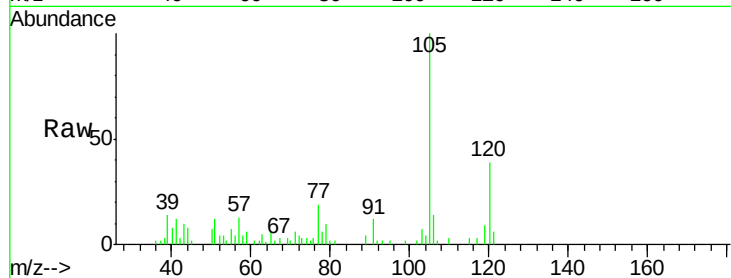




#84
 1,2,4-Trimethylbenzene
 Concen: 0.544 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008914.D
 Acq: 13 Apr 2019 02:48

Instrument :
 MSVOA_X
 ClientSampled :
 CL-COMP-1

Tgt Ion:105 Resp: 4586
 Ion Ratio Lower Upper
 105 100
 120 41.9 21.8 65.3



#95
 Naphthalene
 Concen: 0.301 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX008914.D
 Acq: 13 Apr 2019 02:48

Tgt Ion:128 Resp: 2959
 Ion Ratio Lower Upper
 128 100
 127 15.3 10.4 15.6
 129 12.7 8.6 13.0

