

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003808.D
 Acq On : 01 Aug 2018 21:20
 Operator : JC/SP
 Sample : J4121-06
 Misc : 10.80G/5.0mL/MSVOA X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-03(8-10)

Quant Time: Aug 02 07:53:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	105388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	155384	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	121396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	41576	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	49982	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	
35) Dibromofluoromethane	5.51	113	45891	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
50) Toluene-d8	8.72	98	158992	41.68	ug/l	0.00
Spiked Amount			Recovery	=	83.36%	
62) 4-Bromofluorobenzene	11.14	95	39947	28.40	ug/l	0.00
Spiked Amount			Recovery	=	56.80%	

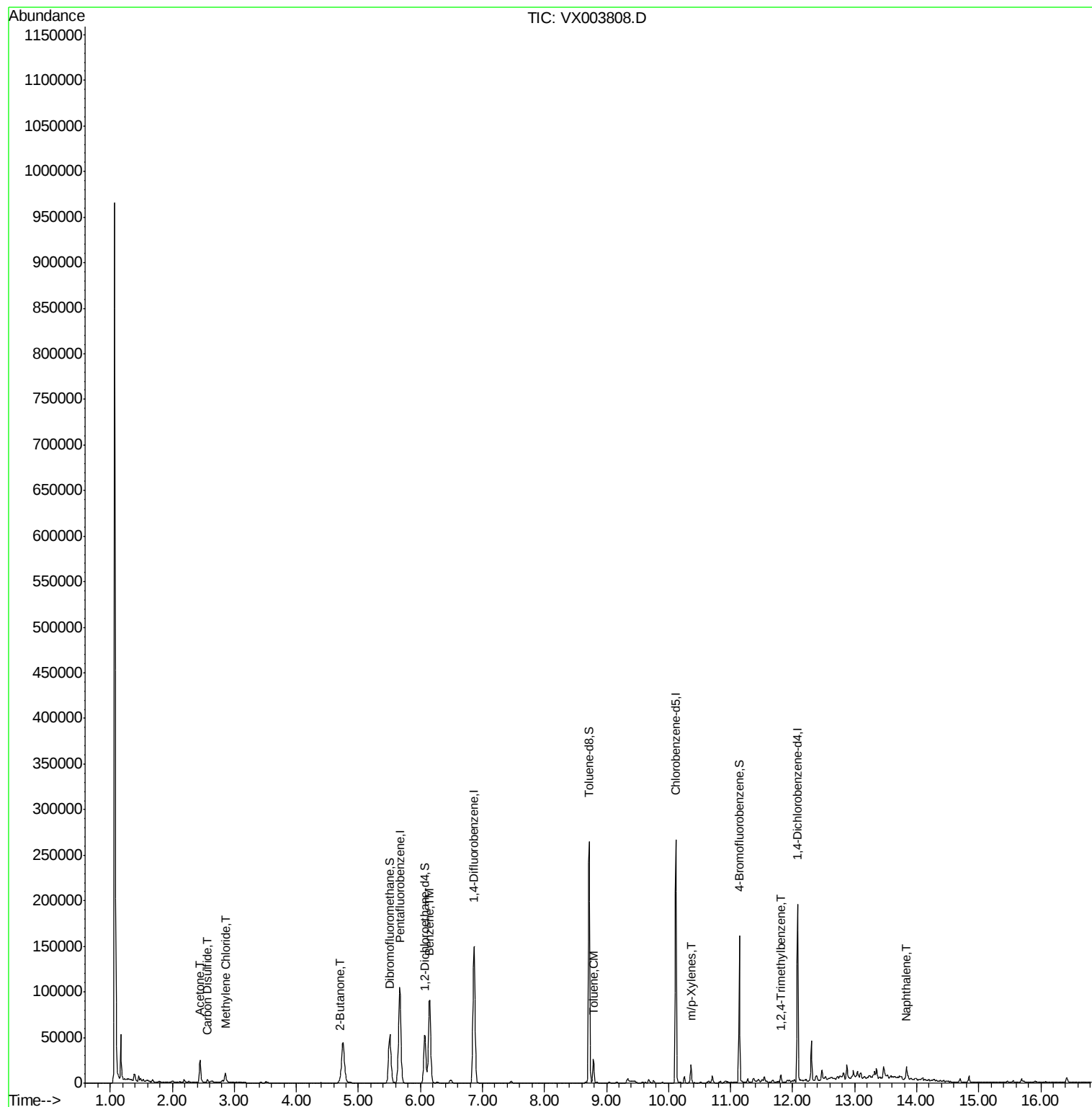
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	24901	61.162	ug/l	99
17) Carbon Disulfide	2.57	76	3936	1.284	ug/l #	92
20) Methylene Chloride	2.86	84	4679	1.260	ug/l	98
25) 2-Butanone	4.70	43	7749	13.056	ug/l	98
40) Benzene	6.15	78	110359	26.465	ug/l	97
52) Toluene	8.79	92	9342	3.591	ug/l	99
68) m/p-Xylenes	10.36	106	4096	2.444	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	2710	1.185	ug/l	99
95) Naphthalene	13.83	128	7188	3.317	ug/l	97

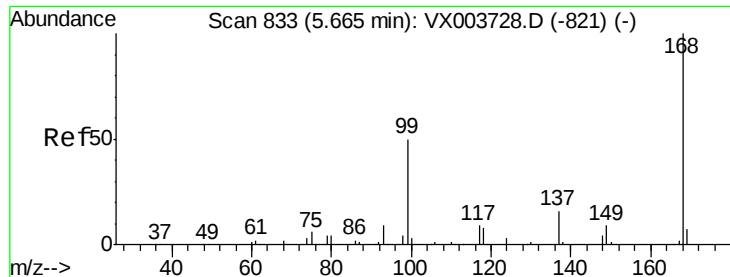
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080118\
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ClientSampleId :
GW-03(8-10)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration

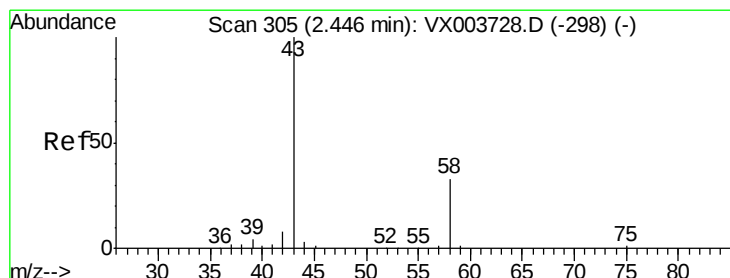
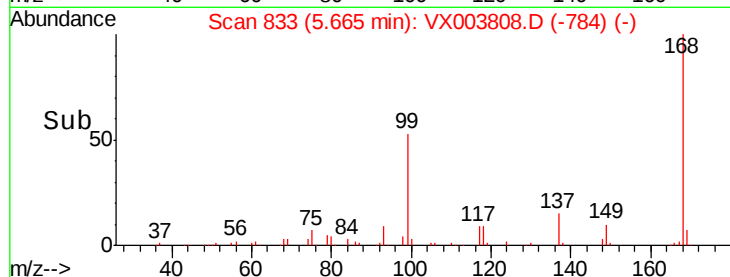
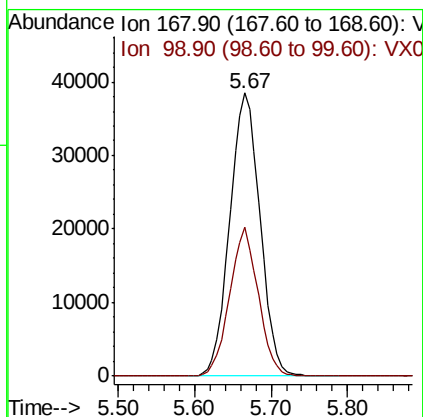
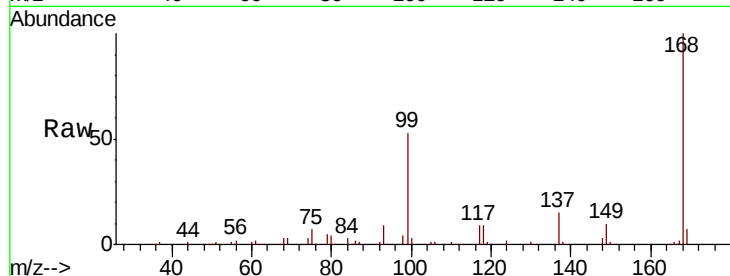




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003808.D
Acq: 01 Aug 2018 21:20

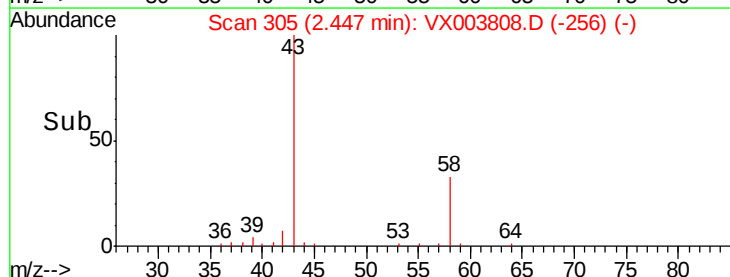
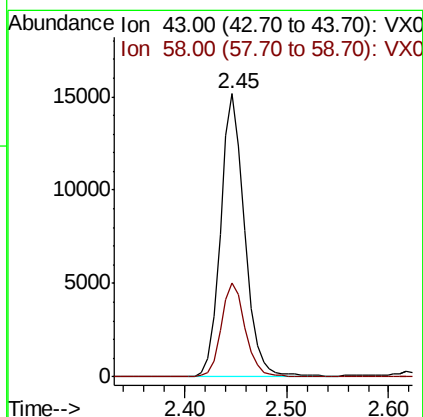
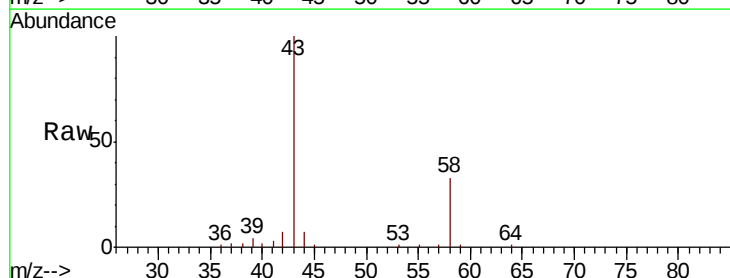
Instrument :
MSVOA_X
ClientSampleId :
GW-03(8-10)

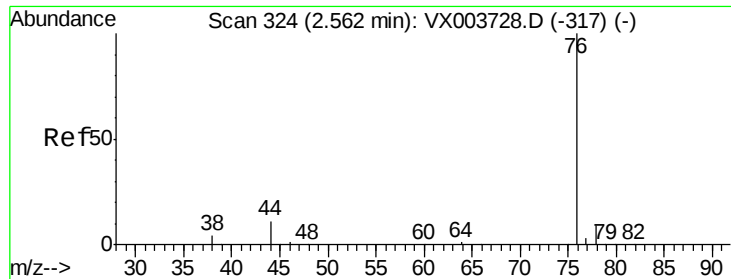
Tot Ion:168 Resp: 105388
Ion Ratio Lower Upper
168 100
99 52.5 40.2 60.2



#16
Acetone
Concen: 61.162 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003808.D
Acq: 01 Aug 2018 21:20

Tgt Ion: 43 Resp: 24901
Ion Ratio Lower Upper
43 100
58 33.1 26.7 40.1

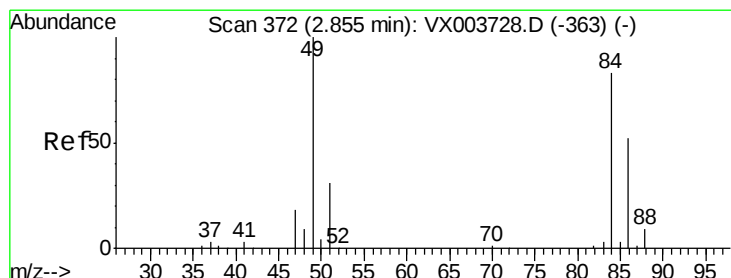
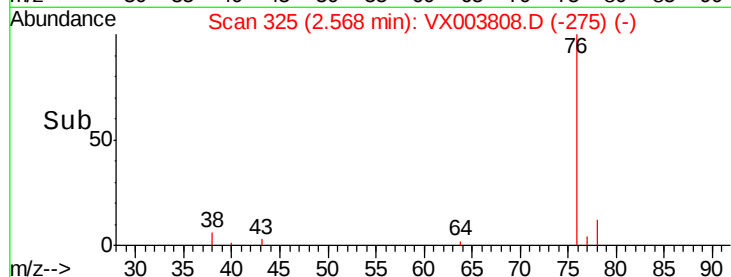
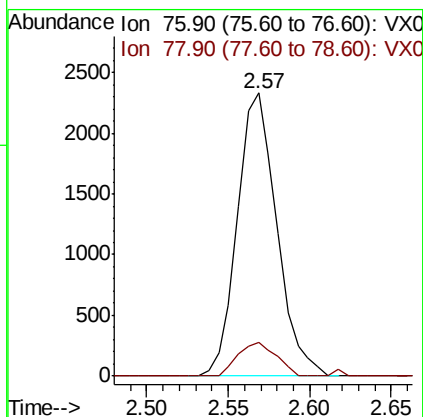
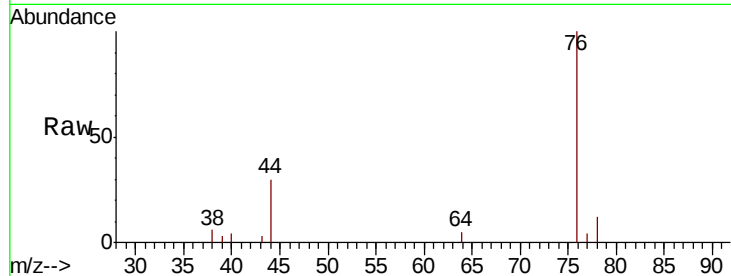




#17
Carbon Disulfide
Concen: 1.284 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003808.D
Acq: 01 Aug 2018 21:20

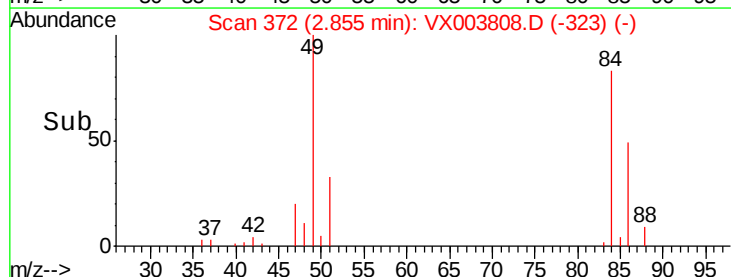
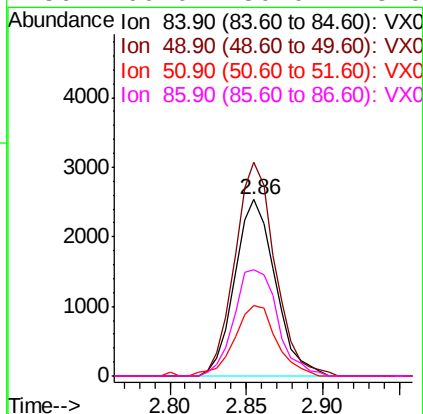
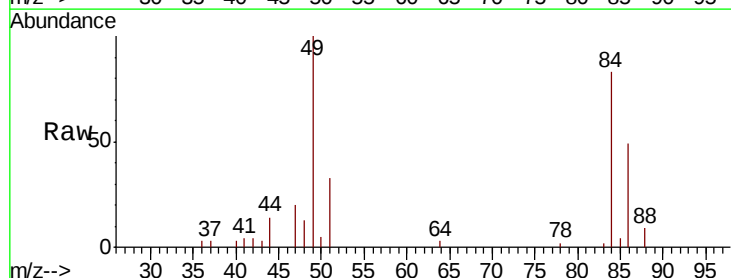
Instrument :
MSVOA_X
ClientSampleId :
GW-03(8-10)

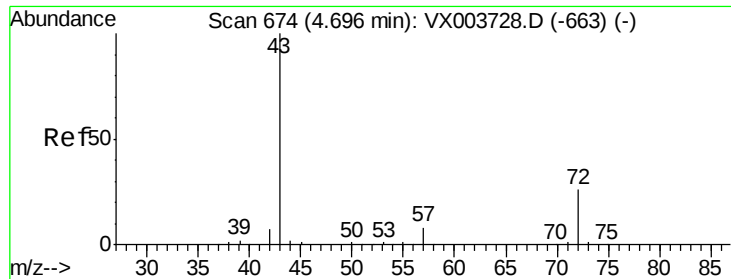
Tot Ion: 76 Resp: 3936
Ion Ratio Lower Upper
76 100
78 11.8 7.3 10.9#



#20
Methylene Chloride
Concen: 1.260 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003808.D
Acq: 01 Aug 2018 21:20

Tgt Ion: 84 Resp: 4679
Ion Ratio Lower Upper
84 100
49 121.2 95.8 143.8
51 39.8 29.6 44.4
86 60.0 50.0 75.0





#25

2-Butanone

Concen: 13.056 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003808.D

Acq: 01 Aug 2018 21:20

Instrument :

MSVOA_X

ClientSampled :

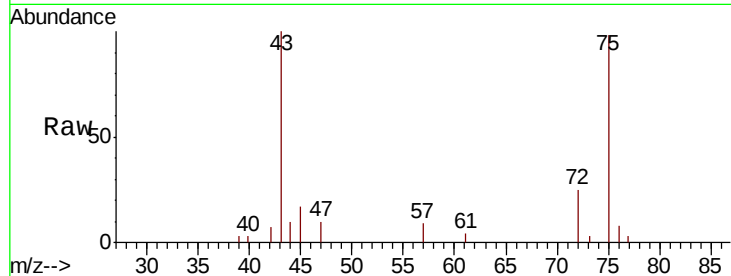
GW-03(8-10)

Tot Ion: 43 Resp: 7749

Ion Ratio Lower Upper

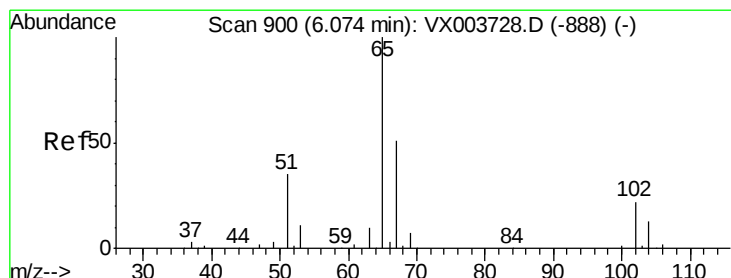
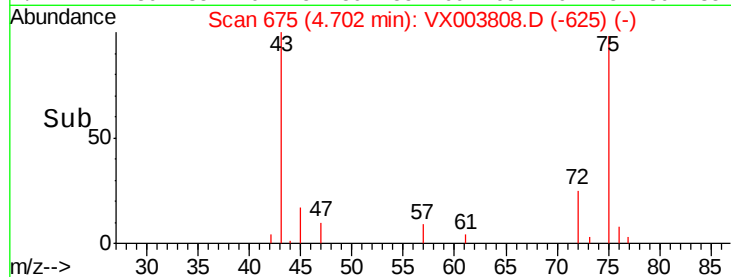
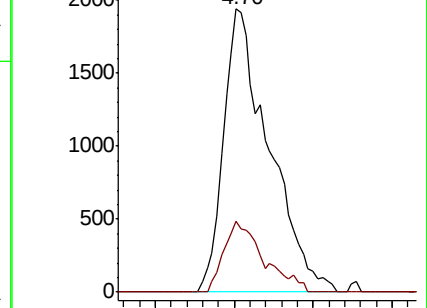
43 100

72 25.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.894 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003808.D

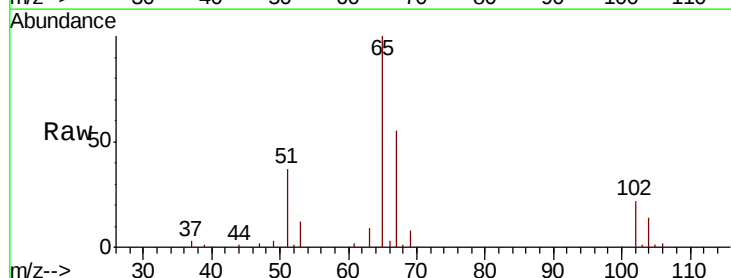
Acq: 01 Aug 2018 21:20

Tgt Ion: 65 Resp: 49982

Ion Ratio Lower Upper

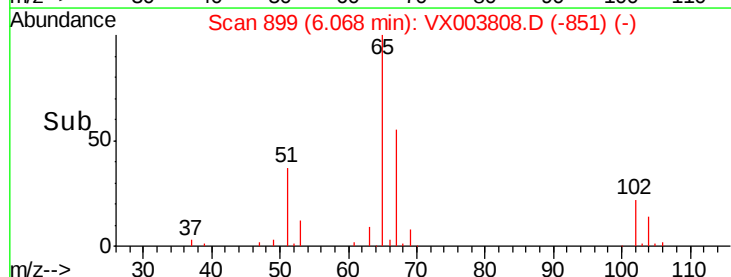
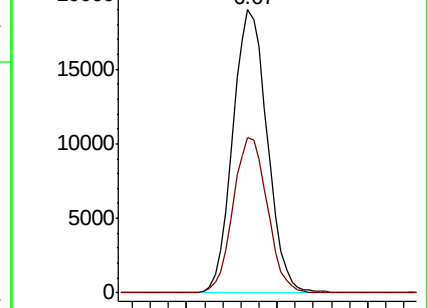
65 100

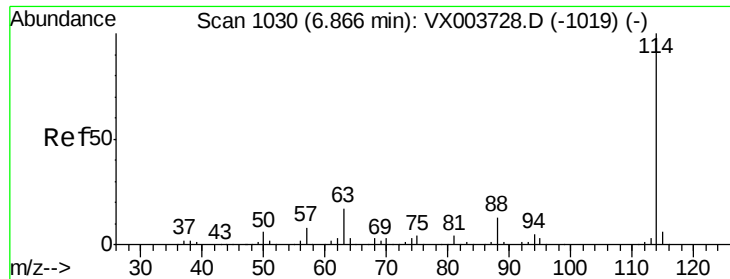
67 54.5 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

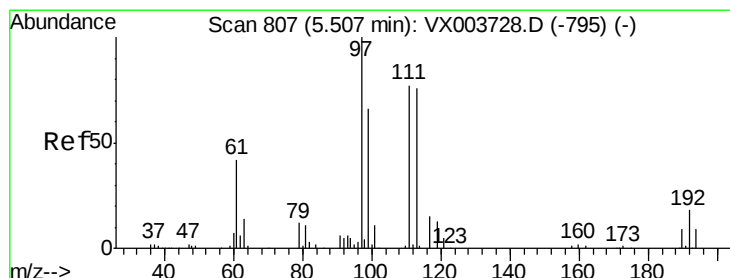
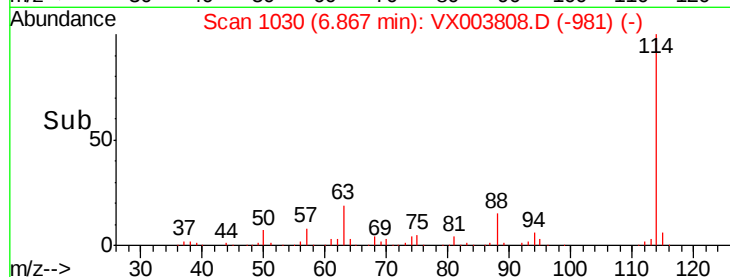
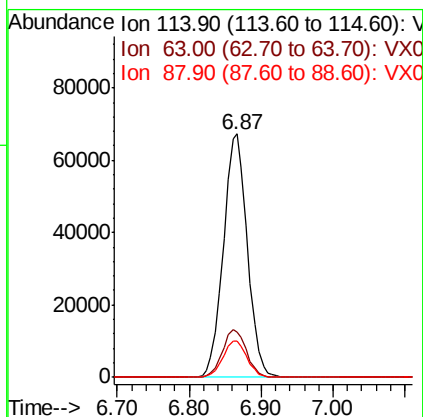
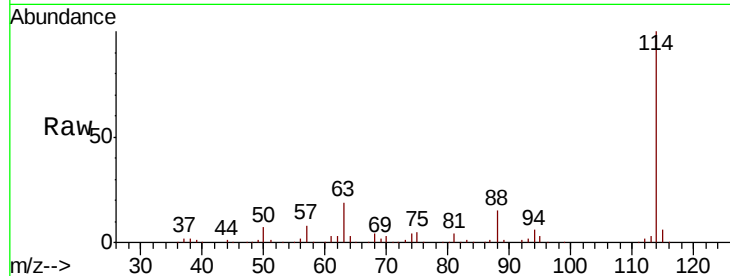




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003808.D
 Acq: 01 Aug 2018 21:20

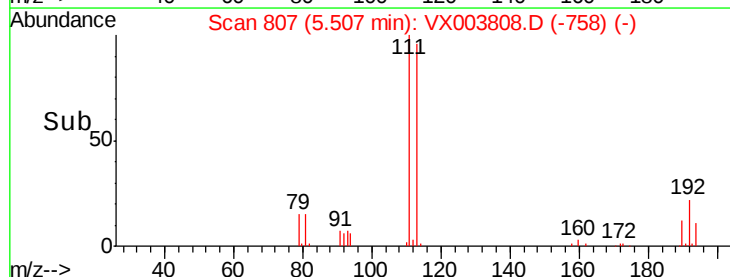
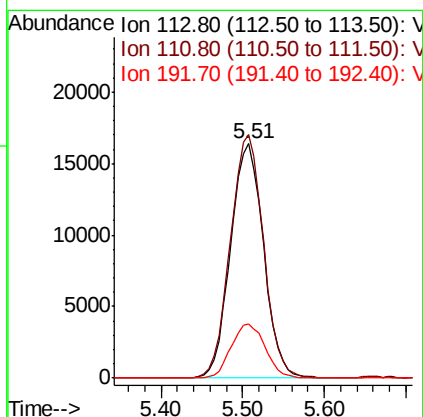
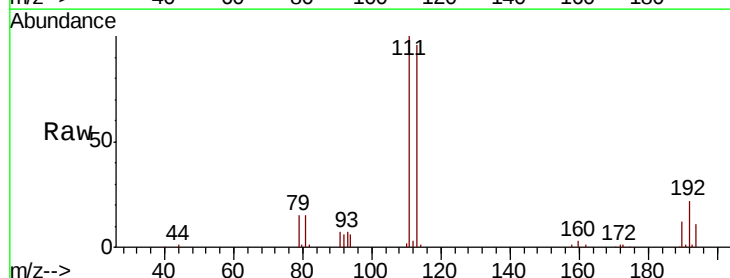
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-03(8-10)

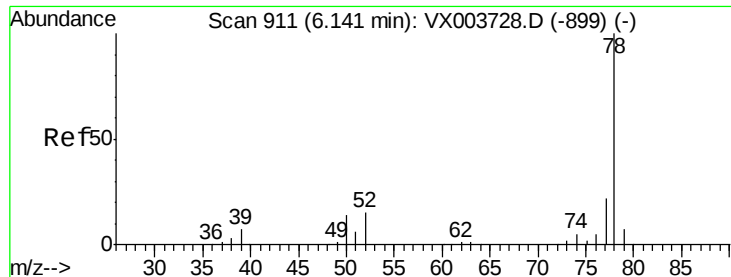
Tot Ion:114 Resp: 155384
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.0
 88 15.1 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 50.157 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003808.D
 Acq: 01 Aug 2018 21:20

Tgt Ion:113 Resp: 45891
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.6
 192 23.9 18.8 28.2

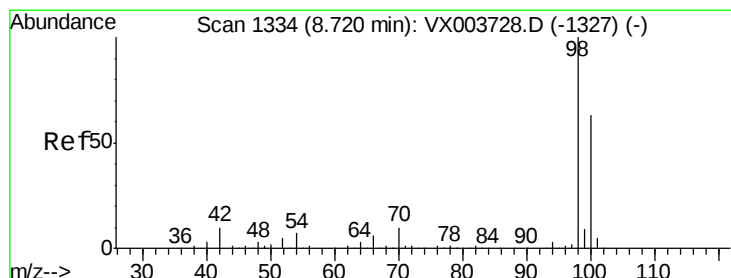
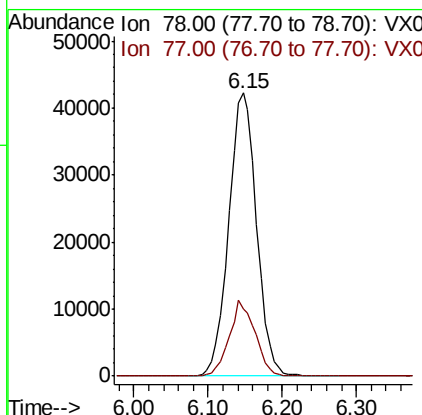
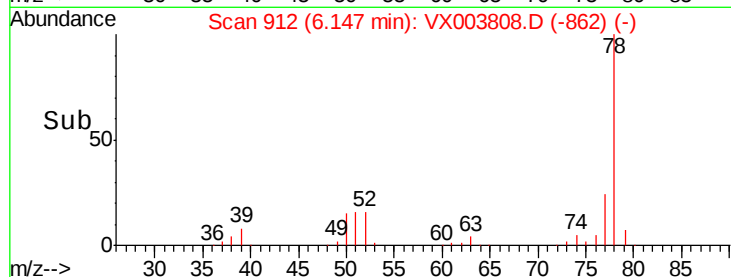
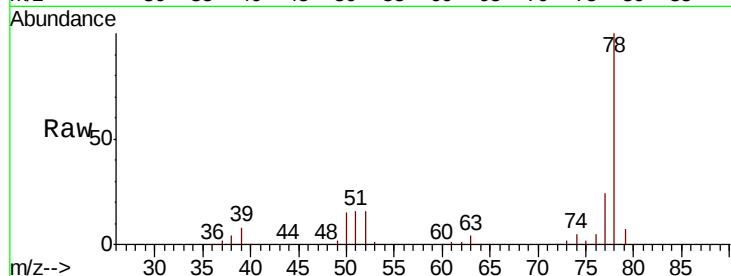




#40
Benzene
Concen: 26.465 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003808.D
Acq: 01 Aug 2018 21:20

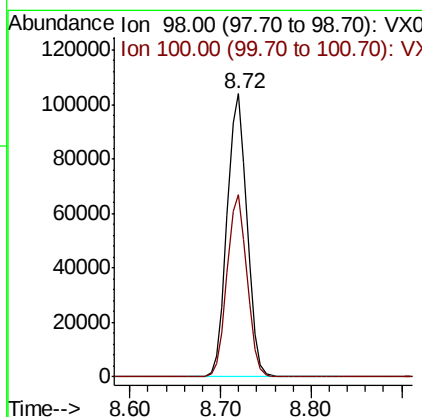
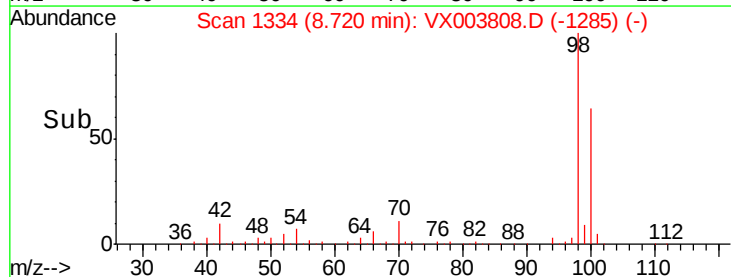
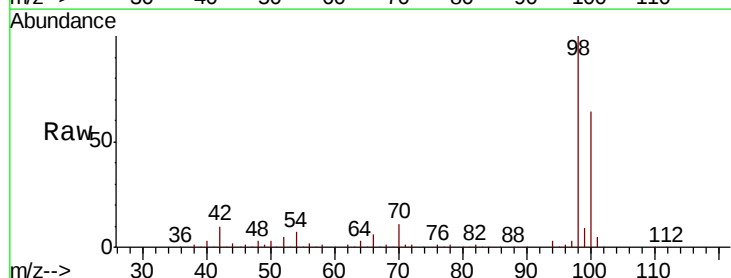
Instrument :
MSVOA_X
ClientSampleId :
GW-03(8-10)

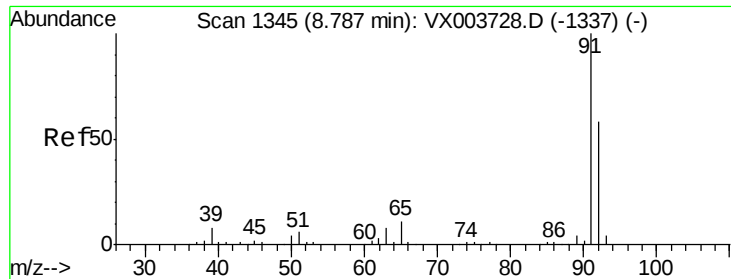
Tot Ion: 78 Resp: 110359
Ion Ratio Lower Upper
78 100
77 23.9 17.9 26.9



#50
Toluene-d8
Concen: 41.679 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003808.D
Acq: 01 Aug 2018 21:20

Tgt Ion: 98 Resp: 158992
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0





#52

Toluene

Concen: 3.591 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003808.D

Acq: 01 Aug 2018 21:20

Instrument :

MSVOA_X

ClientSampleId :

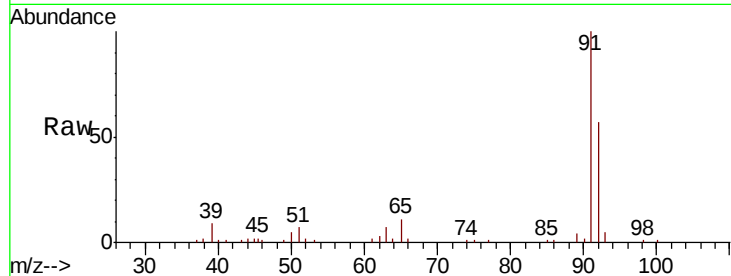
GW-03(8-10)

Tot Ion: 92 Resp: 9342

Ion Ratio Lower Upper

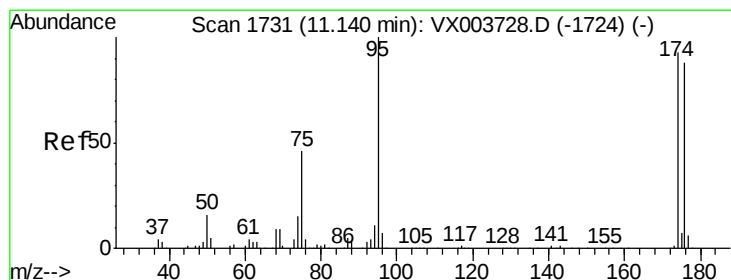
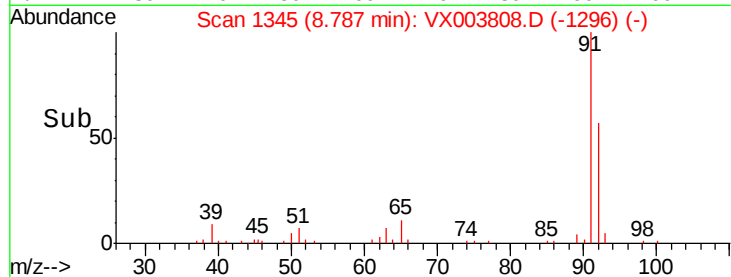
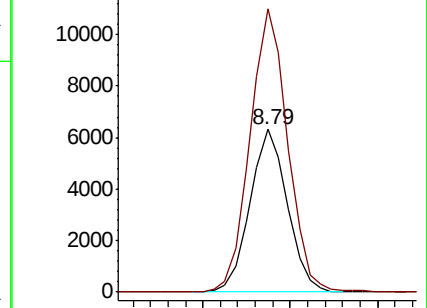
92 100

91 175.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 28.402 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003808.D

Acq: 01 Aug 2018 21:20

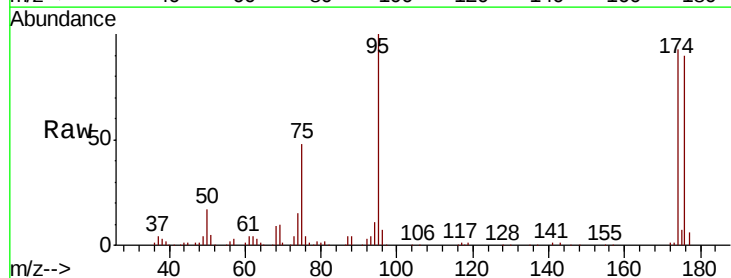
Tgt Ion: 95 Resp: 39947

Ion Ratio Lower Upper

95 100

174 93.4 0.0 186.2

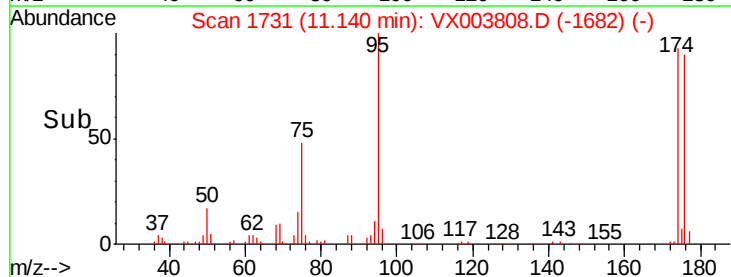
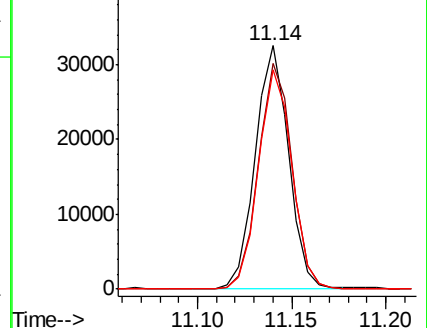
176 90.3 0.0 179.2

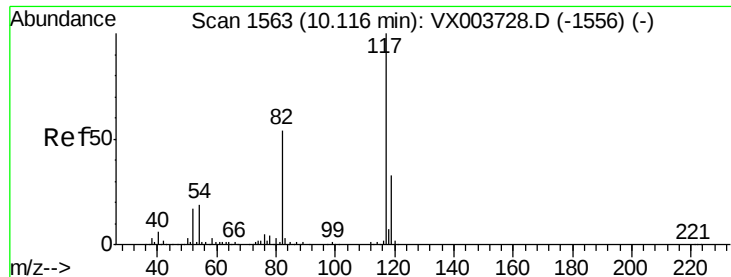


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

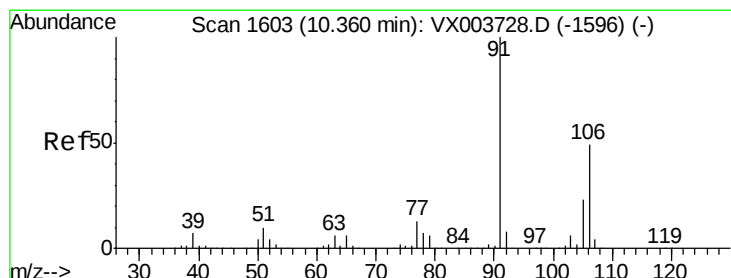
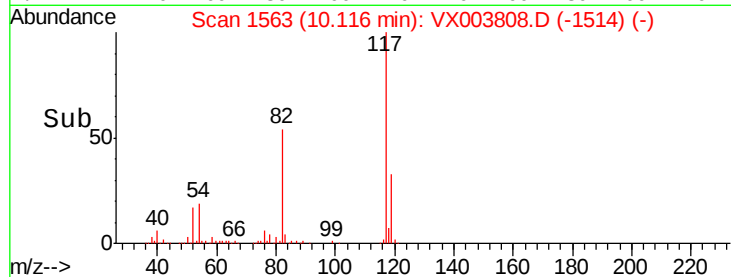
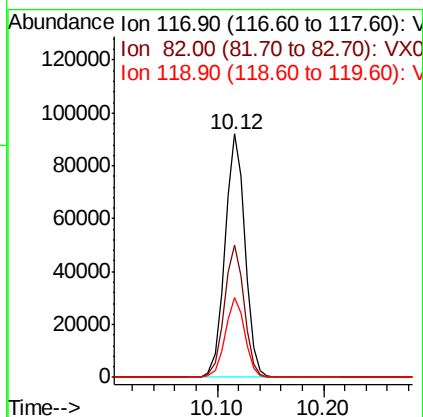
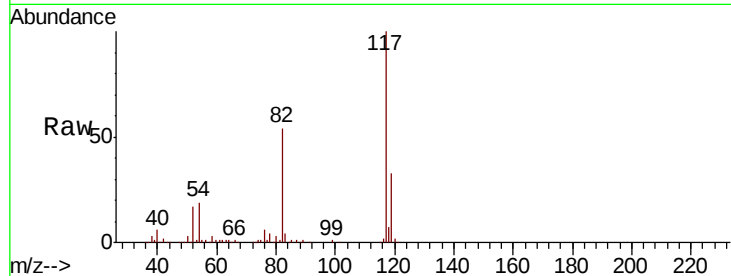




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003808.D
Acq: 01 Aug 2018 21:20

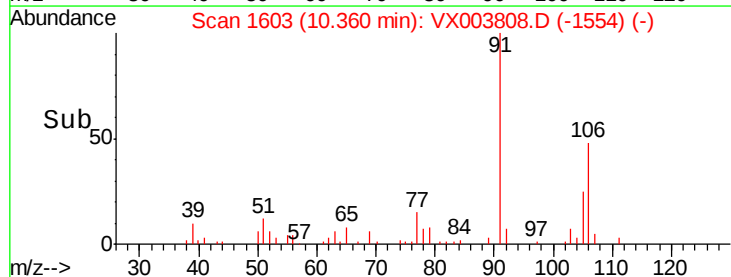
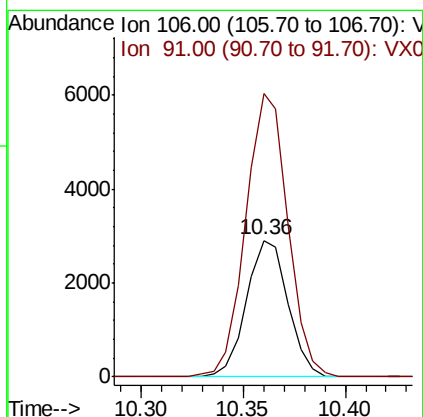
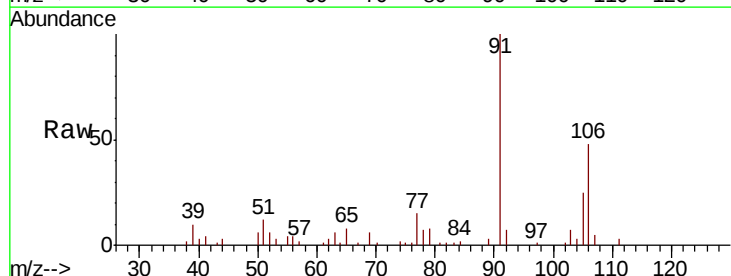
Instrument :
MSVOA_X
ClientSampleId :
GW-03(8-10)

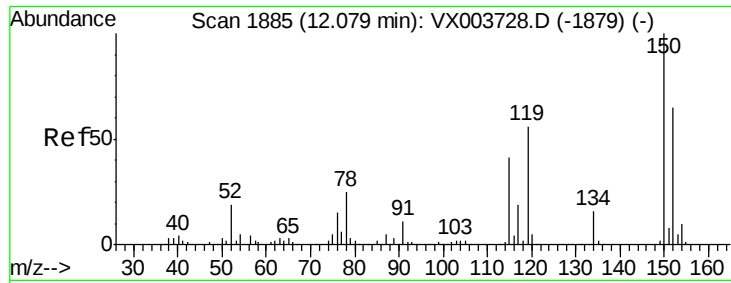
Tot Ion:117 Resp: 121396
Ion Ratio Lower Upper
117 100
82 54.4 43.2 64.8
119 32.8 26.3 39.5



#68
m/p-Xylenes
Concen: 2.444 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003808.D
Acq: 01 Aug 2018 21:20

Tgt Ion:106 Resp: 4096
Ion Ratio Lower Upper
106 100
91 211.5 159.8 239.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003808.D

Acq: 01 Aug 2018 21:20

Instrument :

MSVOA_X

ClientSampleId :

GW-03(8-10)

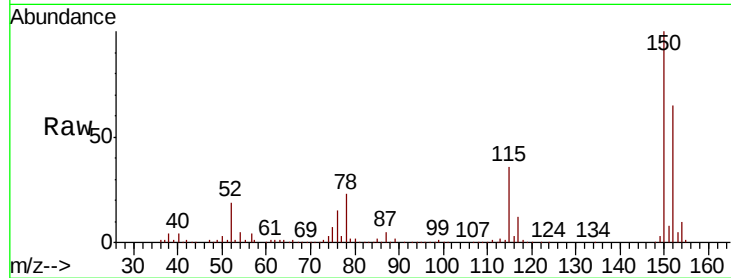
Tot Ion:152 Resp: 41576

Ion Ratio Lower Upper

152 100

115 55.0 38.5 115.3

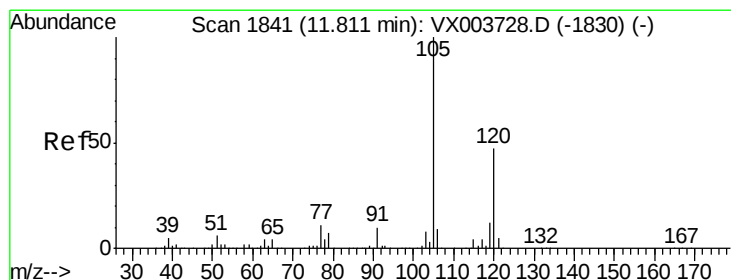
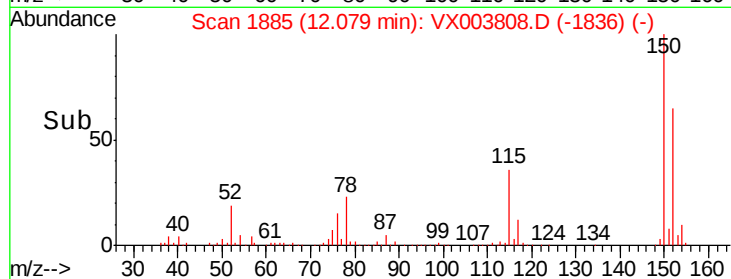
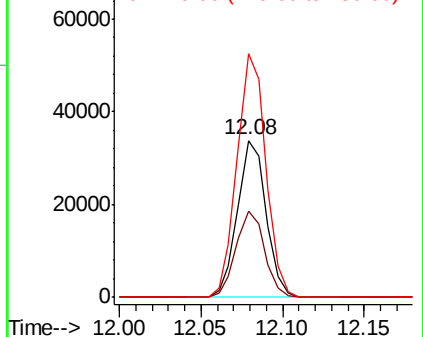
150 156.5 0.0 346.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.185 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003808.D

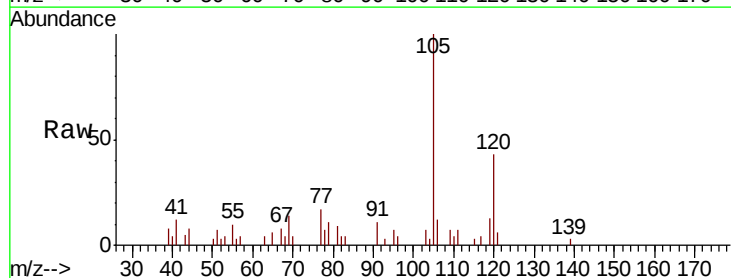
Acq: 01 Aug 2018 21:20

Tgt Ion:105 Resp: 2710

Ion Ratio Lower Upper

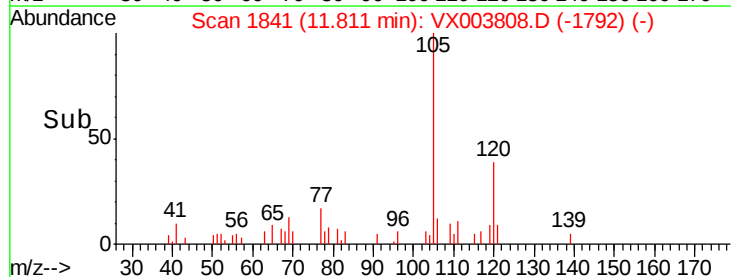
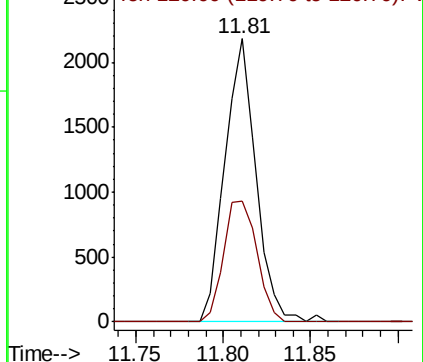
105 100

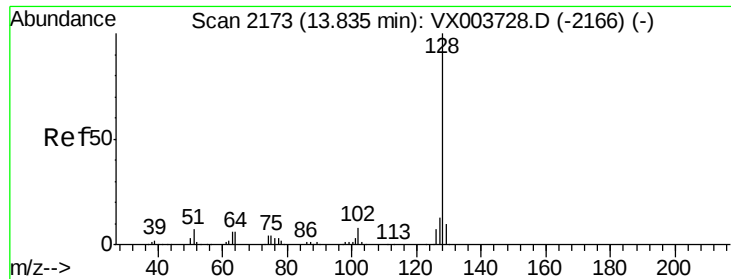
120 45.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

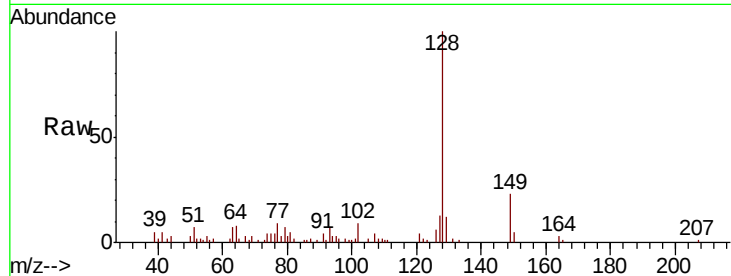




#95
Naphthalene
Concen: 3.317 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003808.D
Acq: 01 Aug 2018 21:20

Instrument :
MSVOA_X
ClientSampleId :
GW-03(8-10)

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	12.9	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

