

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
 Data File : VX010619.D
 Acq On : 02 Jul 2019 16:01
 Operator : JC/SP
 Sample : K3605-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GWDL

Quant Time: Jul 03 03:43:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	233817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159391	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	114371	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
35) Dibromofluoromethane	5.50	113	110298	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	8.71	98	426585	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.13	95	146681	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	

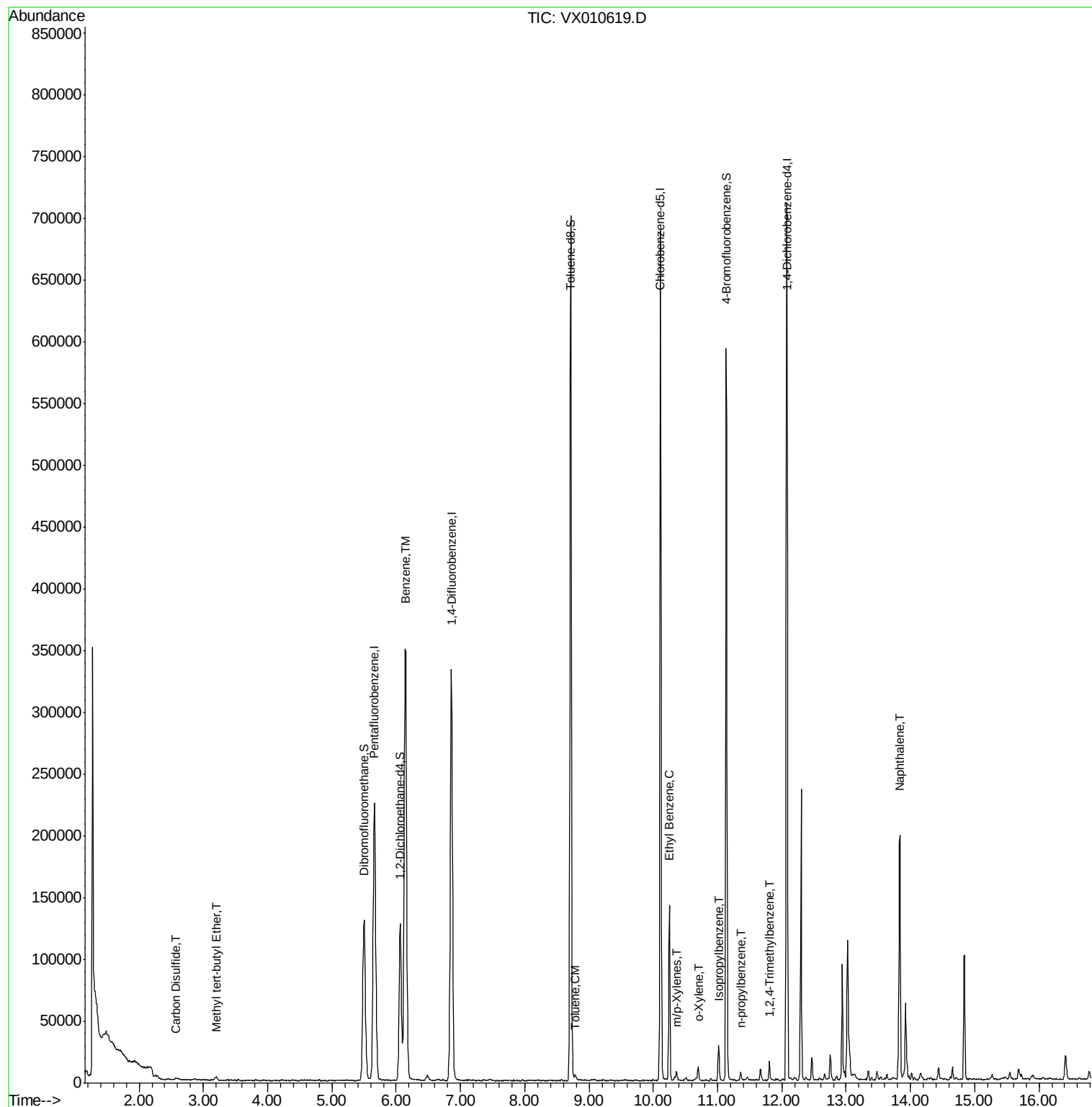
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	2.57	76	2332	0.429	ug/l #	90
19) Methyl tert-butyl Ether	3.20	73	3342	0.524	ug/l #	70
40) Benzene	6.15	78	436497	49.004	ug/l	100
52) Toluene	8.78	92	1675	0.286	ug/l	91
67) Ethyl Benzene	10.25	91	80900	7.227	ug/l	98
68) m/p-Xylenes	10.36	106	1788	0.412	ug/l	87
69) o-Xylene	10.70	106	2878	0.675	ug/l	90
73) Isopropylbenzene	11.02	105	14477	1.340	ug/l	97
78) n-propylbenzene	11.36	91	4219	0.355	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	6379	0.713	ug/l	97
95) Naphthalene	13.83	128	125987	11.295	ug/l	99

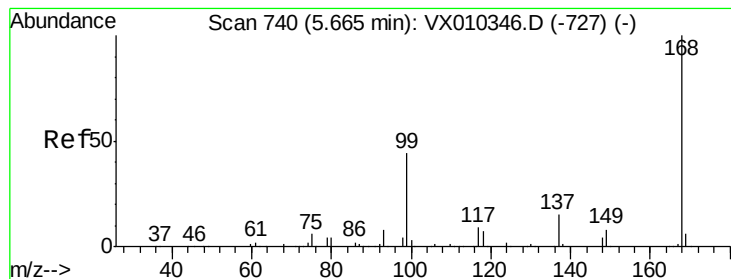
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070219\
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Quant Time: Jul 03 03:43:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010619.D

Acq: 02 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

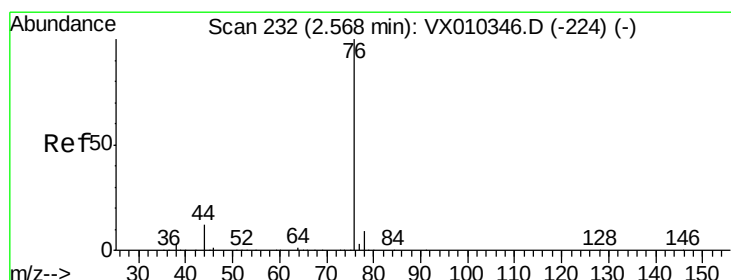
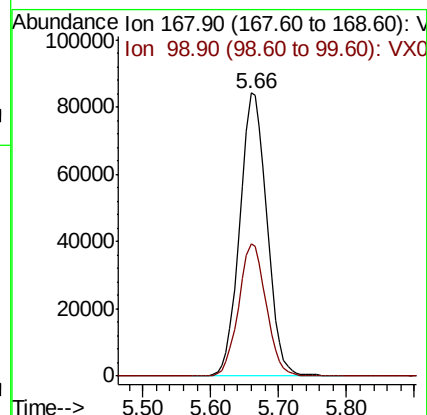
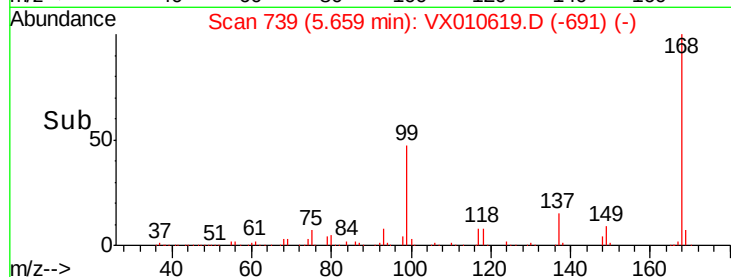
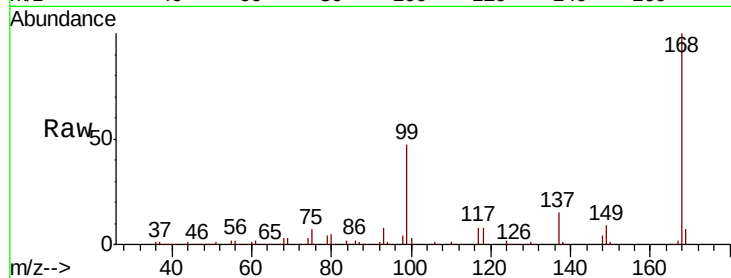
QNWP8-MW27S-GWDL

Tot Ion:168 Resp: 233817

Ion Ratio Lower Upper

168 100

99 46.9 35.5 53.3



#17

Carbon Disulfide

Concen: 0.429 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010619.D

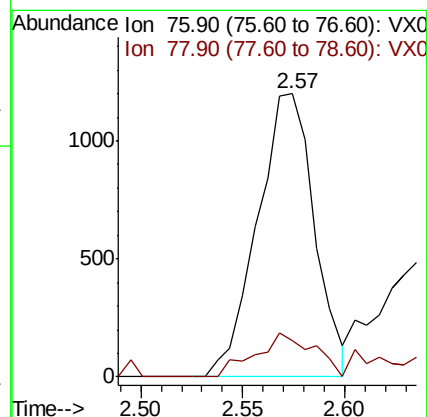
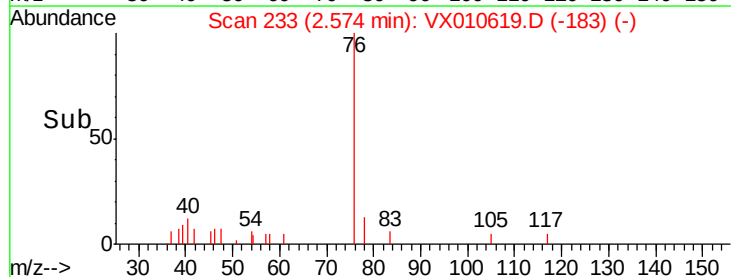
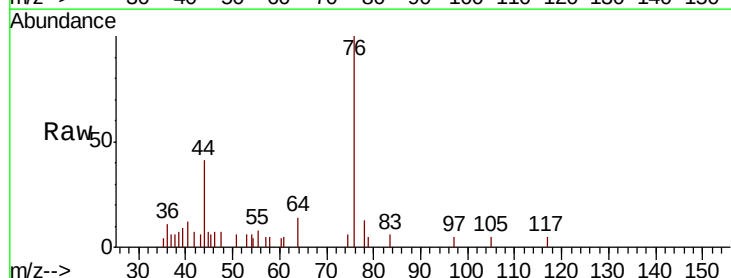
Acq: 02 Jul 2019 16:01

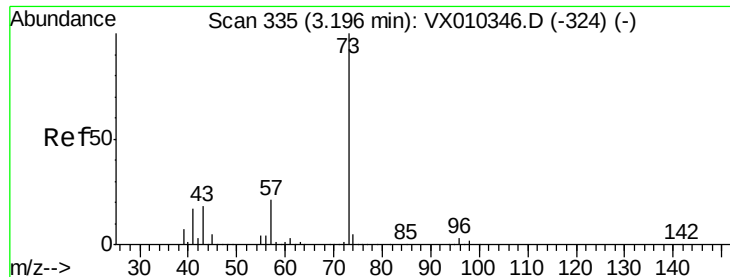
Tgt Ion: 76 Resp: 2332

Ion Ratio Lower Upper

76 100

78 12.8 7.3 10.9#



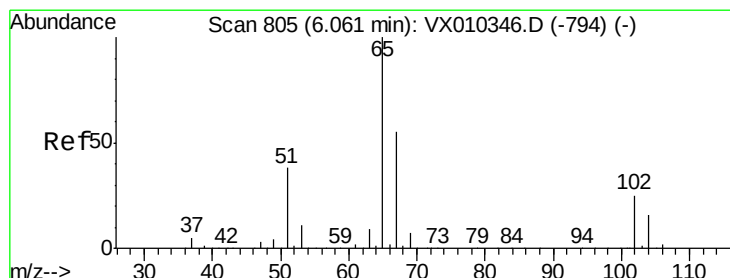
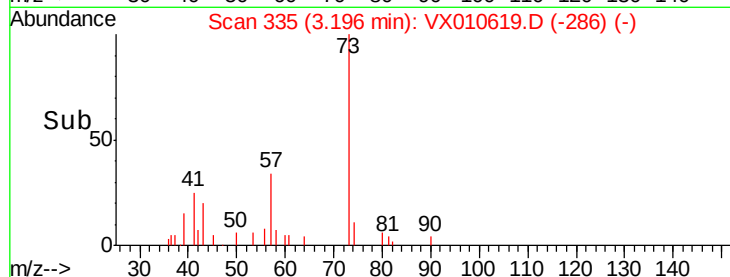
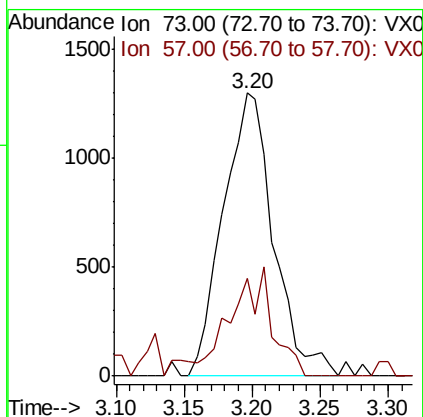
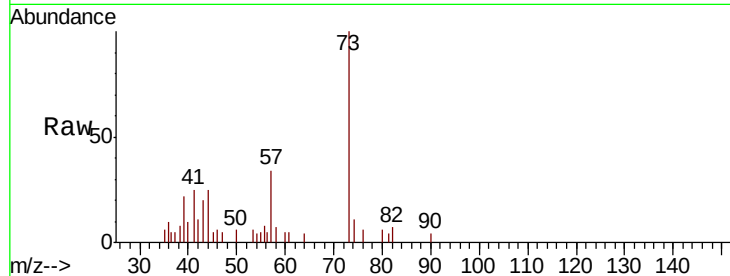


#19

Methyl tert-butyl Ether
 Concen: 0.524 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010619.D
 Acq: 02 Jul 2019 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GWDL

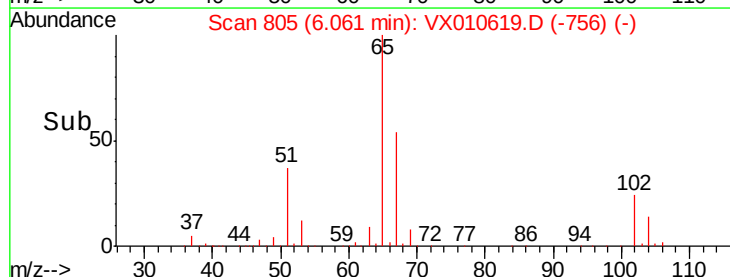
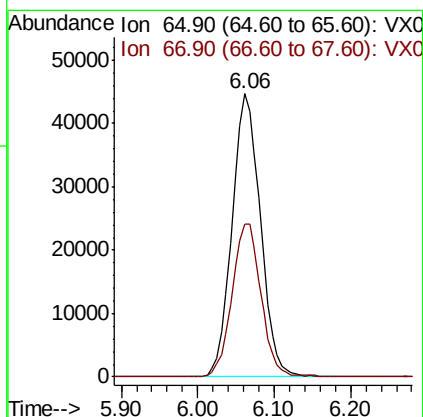
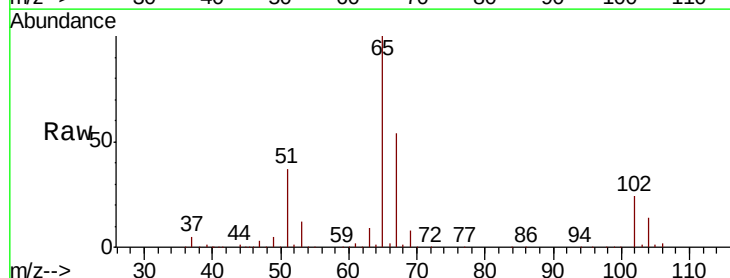
Tot Ion: 73 Resp: 3342
 Ion Ratio Lower Upper
 73 100
 57 34.4 16.4 24.6#

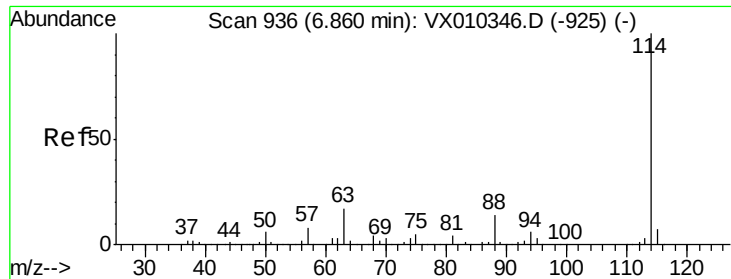


#33

1,2-Dichloroethane-d4
 Concen: 52.170 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010619.D
 Acq: 02 Jul 2019 16:01

Tgt Ion: 65 Resp: 114371
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.2

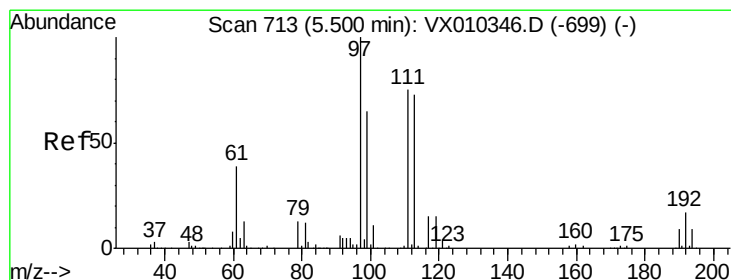
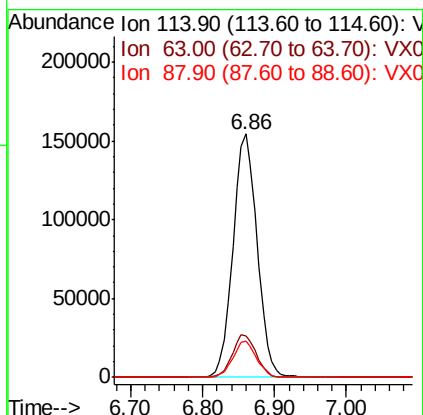
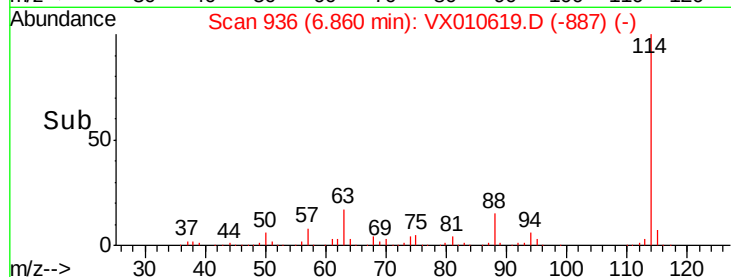
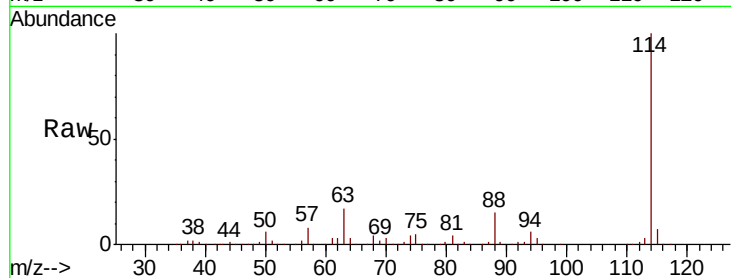




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010619.D
 Acq: 02 Jul 2019 16:01

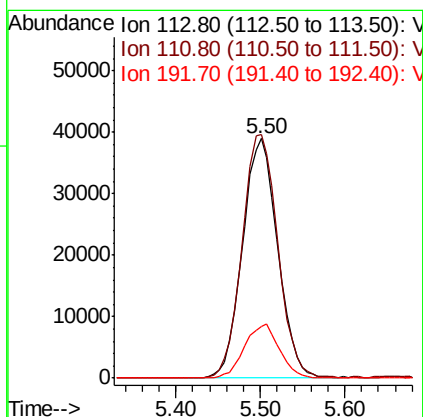
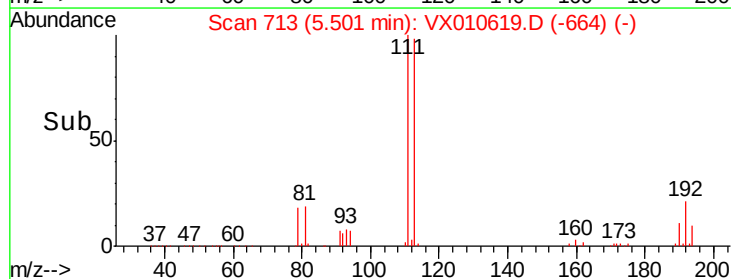
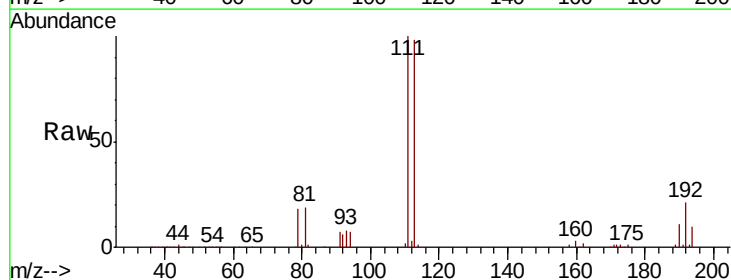
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GWDL

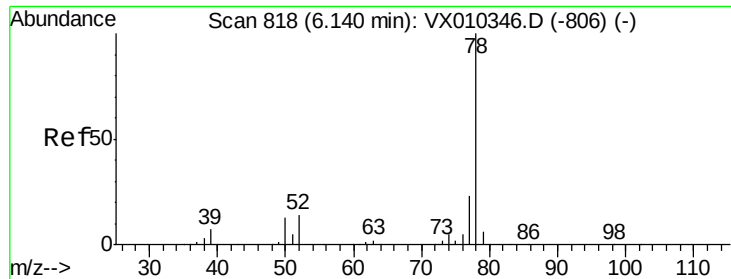
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	33.8
88	14.7	0.0	27.6



#35
 Dibromofluoromethane
 Concen: 50.106 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010619.D
 Acq: 02 Jul 2019 16:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.2	121.8
192	22.4	18.6	27.8





#40

Benzene

Concen: 49.004 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010619.D

Acq: 02 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

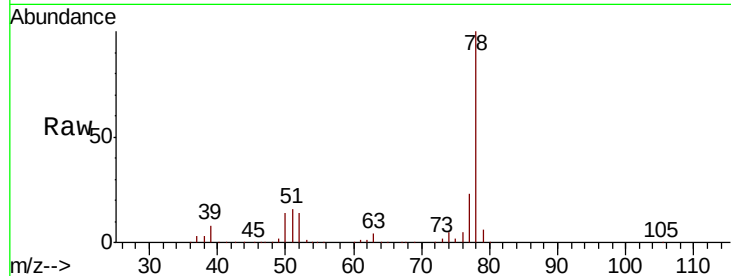
QNWP8-MW27S-GWDL

Tot Ion: 78 Resp: 436497

Ion Ratio Lower Upper

78 100

77 23.2 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

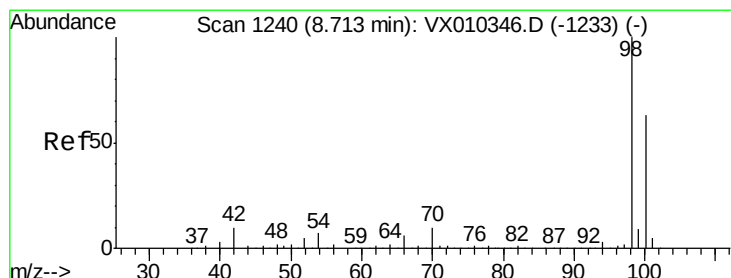
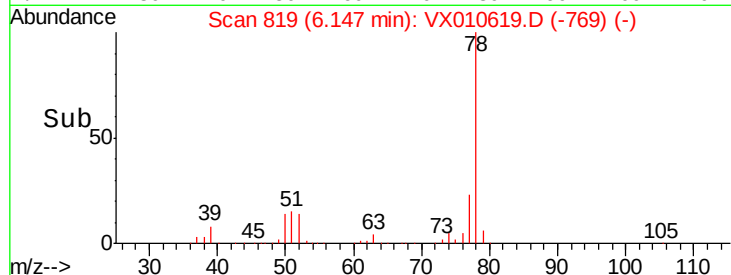
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 50.653 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010619.D

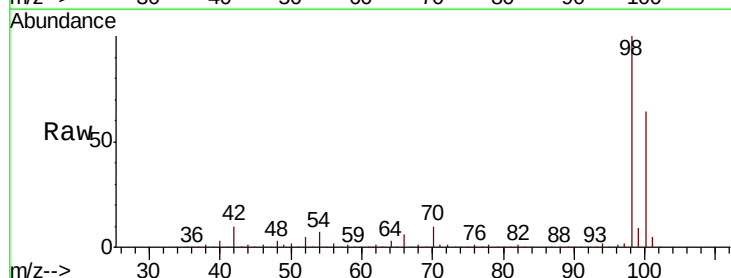
Acq: 02 Jul 2019 16:01

Tgt Ion: 98 Resp: 426585

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

250000

200000

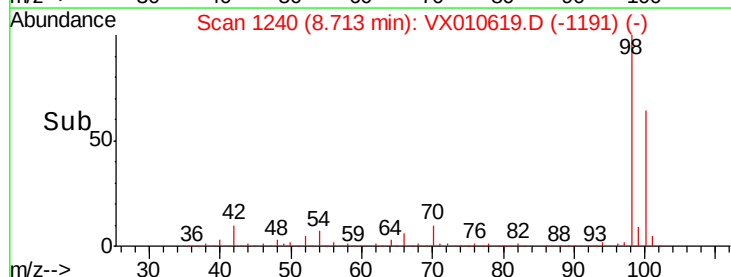
150000

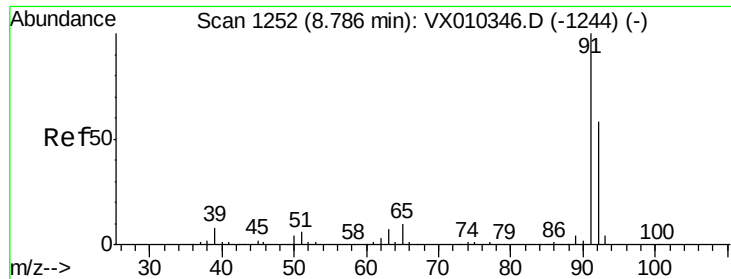
100000

50000

0

Time-->





#52

Toluene

Concen: 0.286 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010619.D

Acq: 02 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

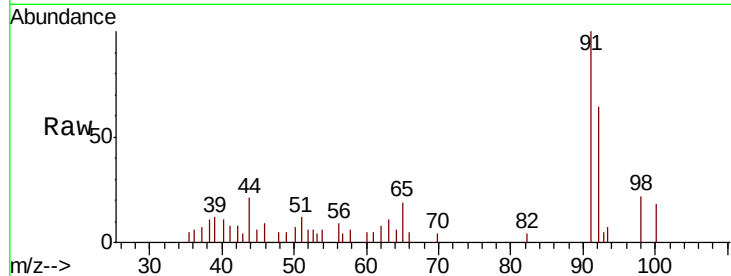
QNWP8-MW27S-GWDL

Tot Ion: 92 Resp: 1675

Ion Ratio Lower Upper

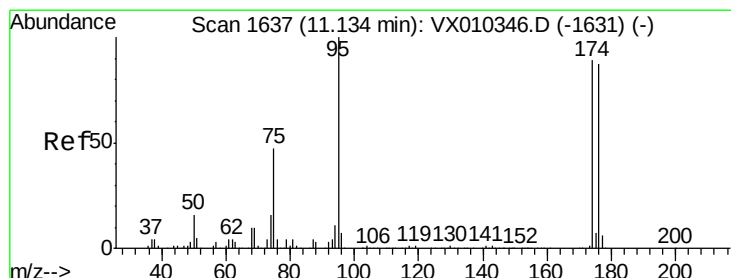
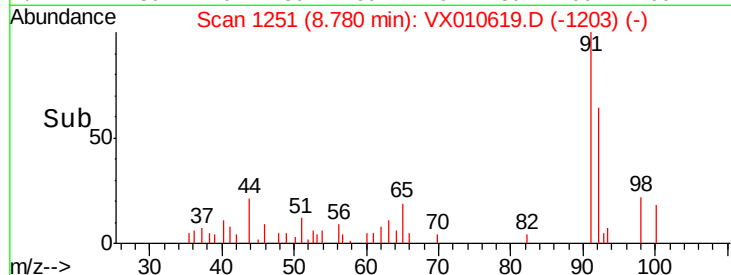
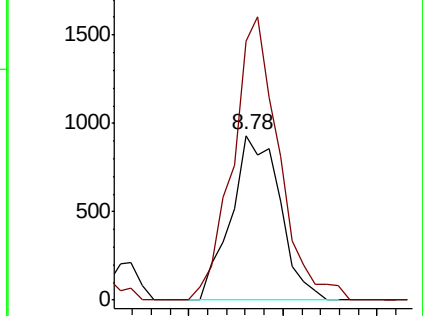
92 100

91 162.4 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.242 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010619.D

Acq: 02 Jul 2019 16:01

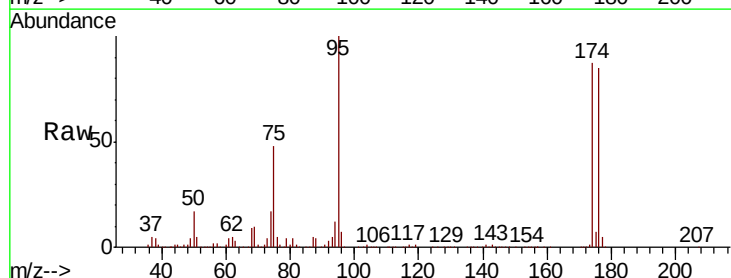
Tgt Ion: 95 Resp: 146681

Ion Ratio Lower Upper

95 100

174 92.7 0.0 187.6

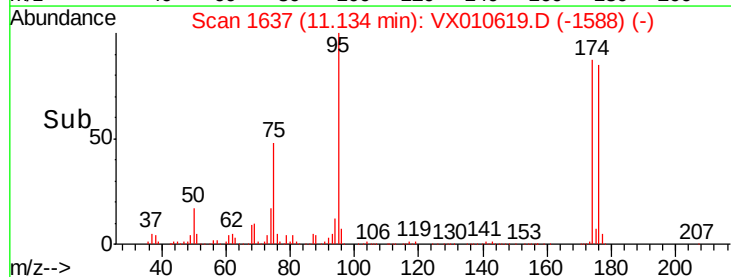
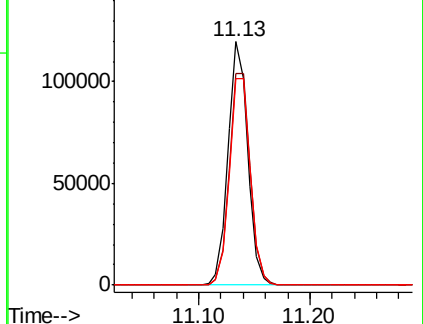
176 90.5 0.0 184.0

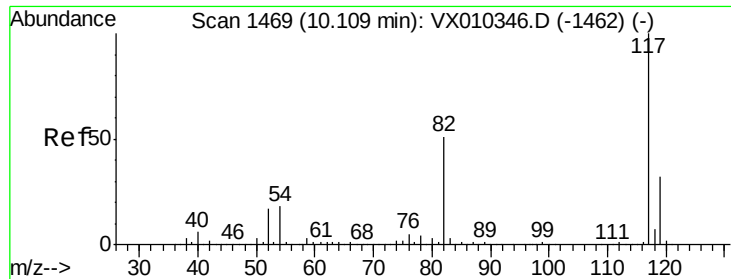


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

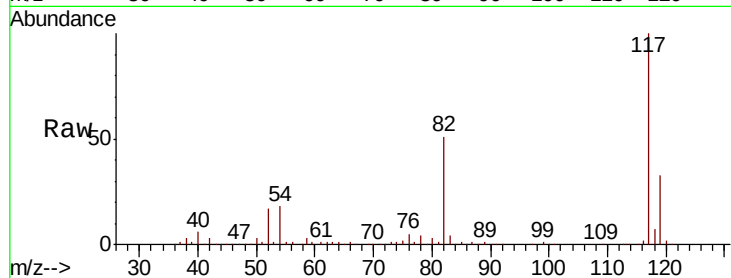




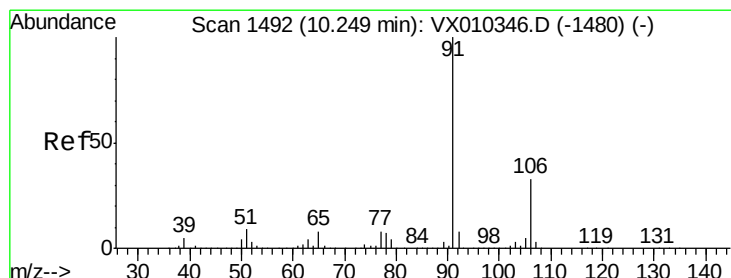
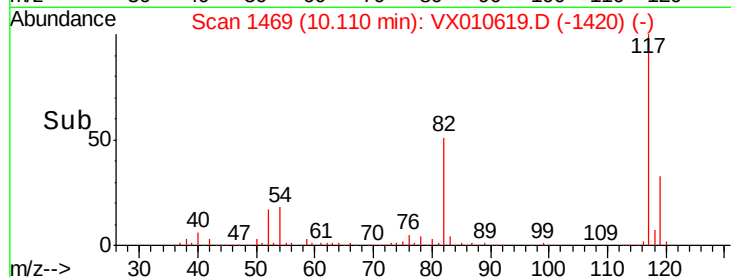
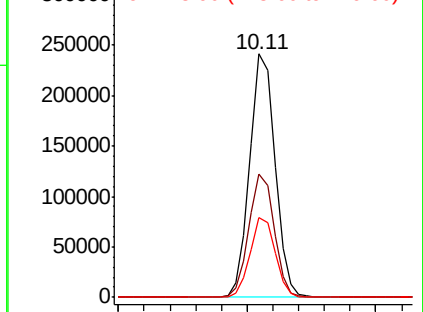
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010619.D
Acq: 02 Jul 2019 16:01

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tot Ion:117 Resp: 326590
Ion Ratio Lower Upper
117 100
82 50.9 41.2 61.8
119 32.7 25.5 38.3

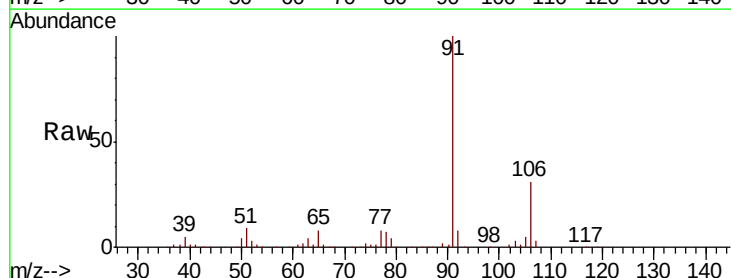


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

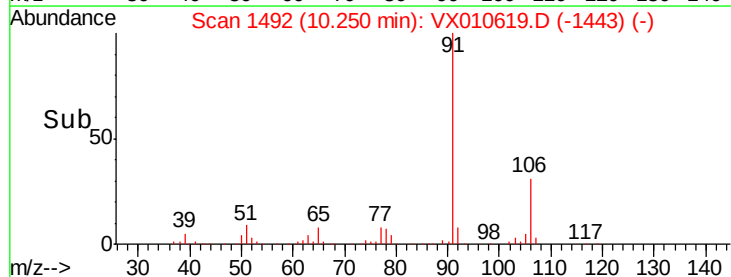
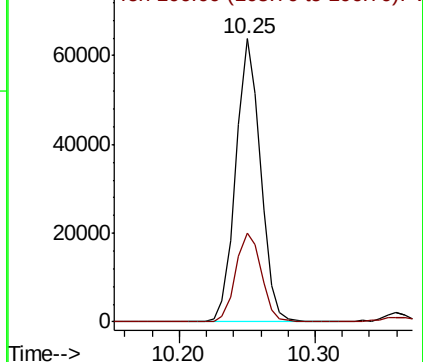


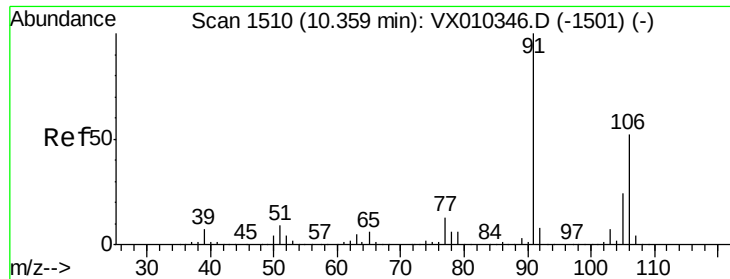
#67
Ethyl Benzene
Concen: 7.227 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010619.D
Acq: 02 Jul 2019 16:01

Tgt Ion: 91 Resp: 80900
Ion Ratio Lower Upper
91 100
106 31.4 26.2 39.2



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

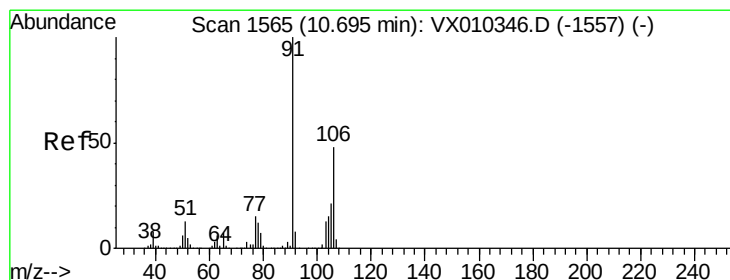
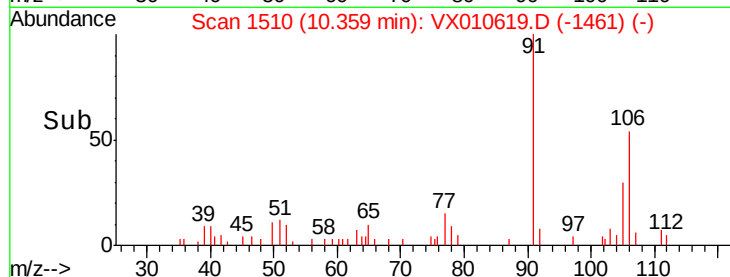
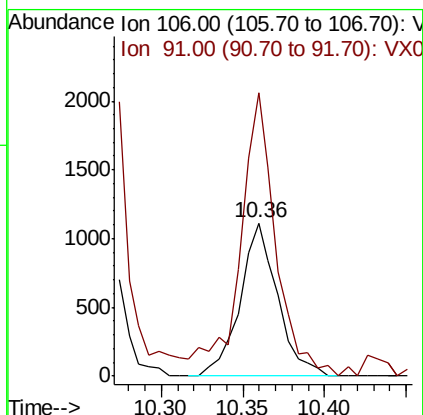
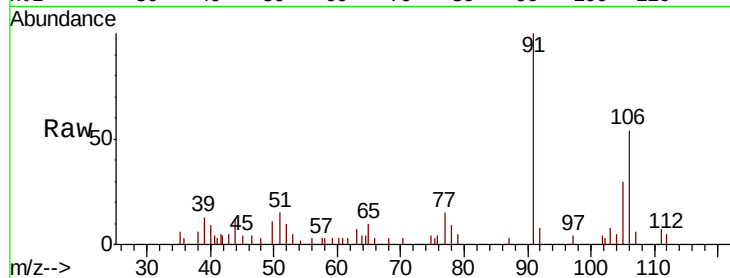




#68
m/p-Xylenes
Concen: 0.412 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010619.D
Acq: 02 Jul 2019 16:01

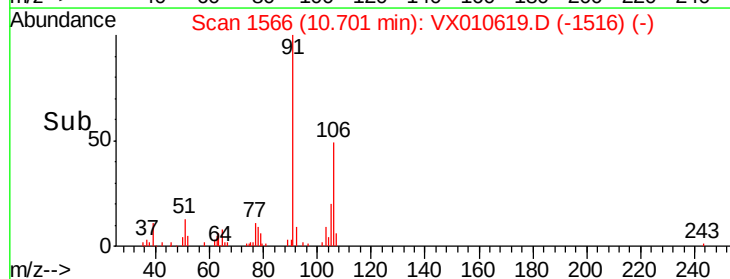
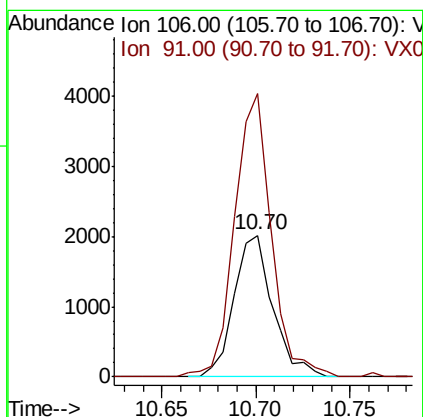
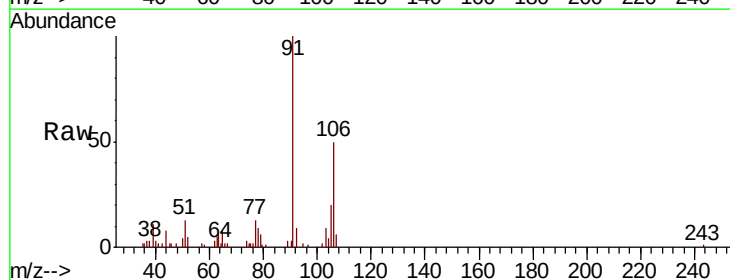
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

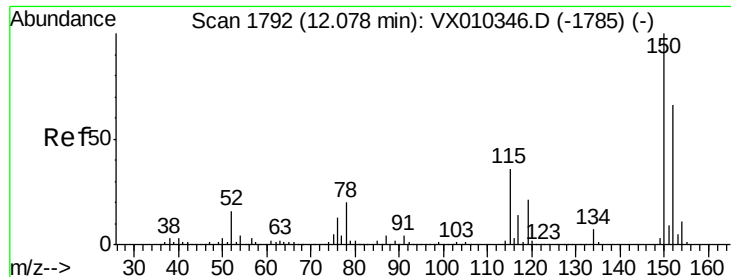
Tot Ion:106 Resp: 1788
Ion Ratio Lower Upper
106 100
91 174.2 155.3 232.9



#69
o-Xylene
Concen: 0.675 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010619.D
Acq: 02 Jul 2019 16:01

Tgt Ion:106 Resp: 2878
Ion Ratio Lower Upper
106 100
91 189.4 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010619.D

Acq: 02 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW27S-GWDL

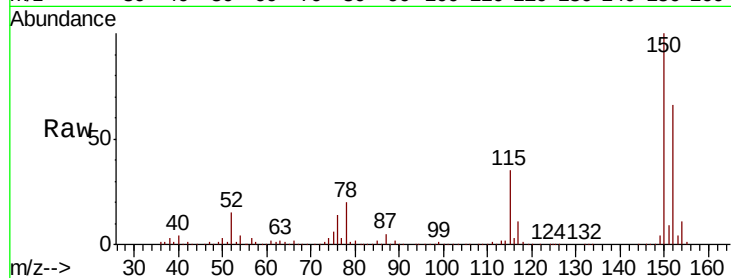
Tot Ion:152 Resp: 159391

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

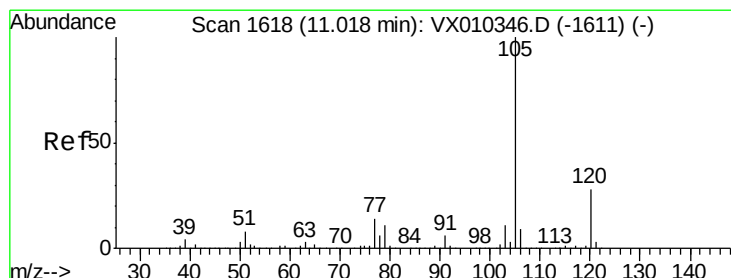
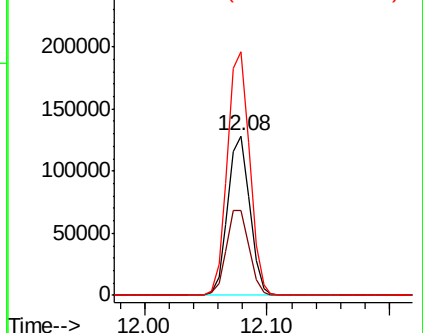
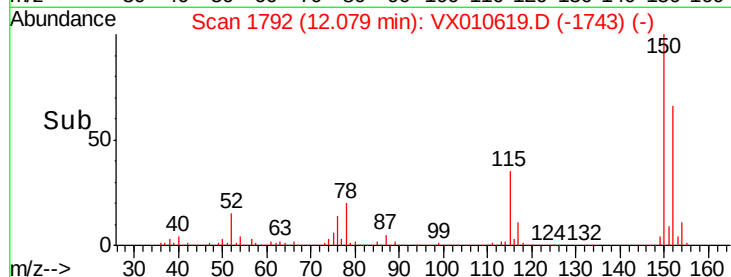
150 154.2 0.0 347.4



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



#73

Isopropylbenzene

Concen: 1.340 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010619.D

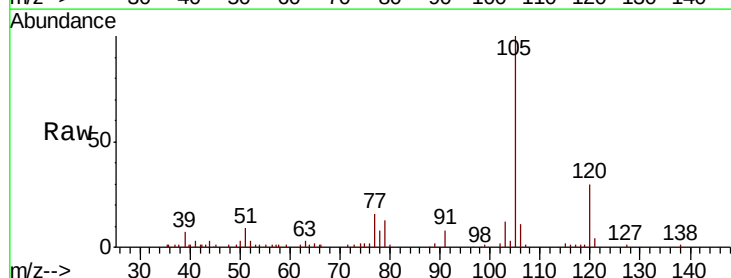
Acq: 02 Jul 2019 16:01

Tgt Ion:105 Resp: 14477

Ion Ratio Lower Upper

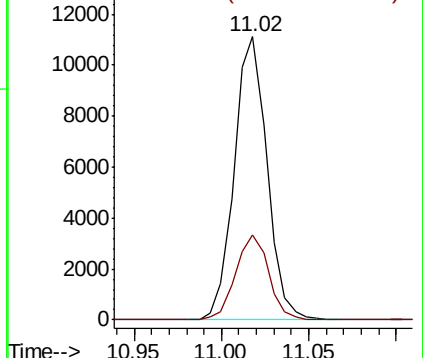
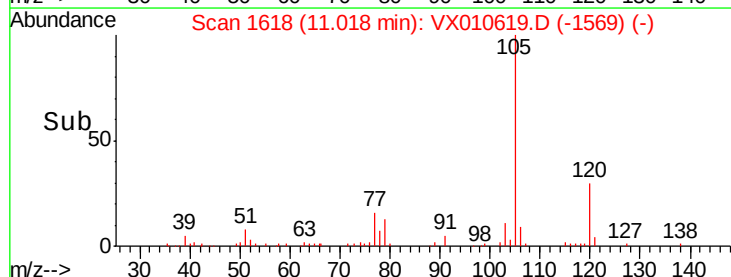
105 100

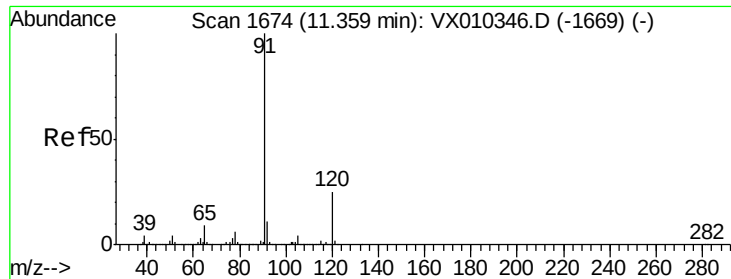
120 30.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.355 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010619.D

Acq: 02 Jul 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

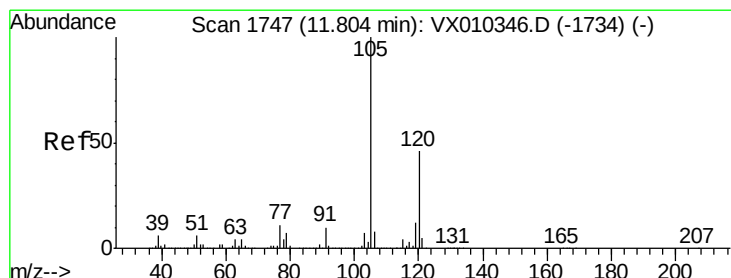
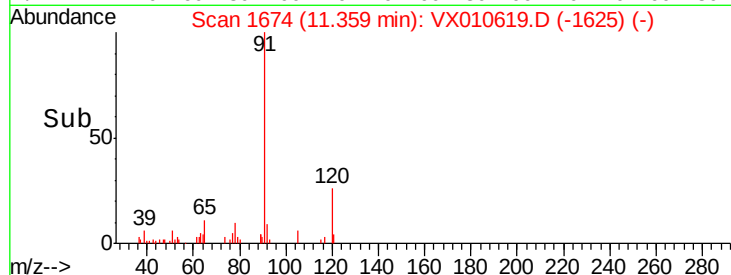
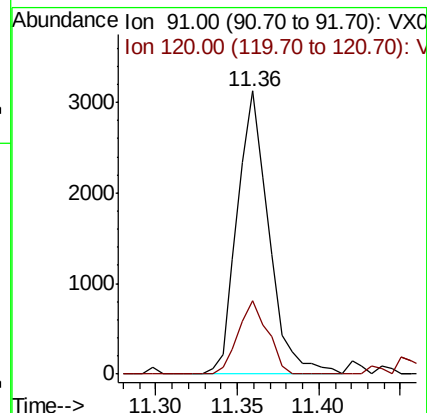
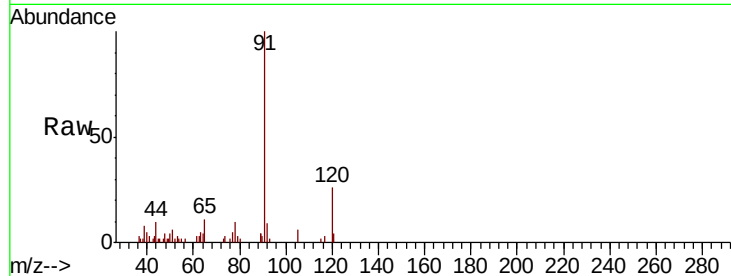
QNWP8-MW27S-GWDL

Tot Ion: 91 Resp: 4219

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 0.713 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010619.D

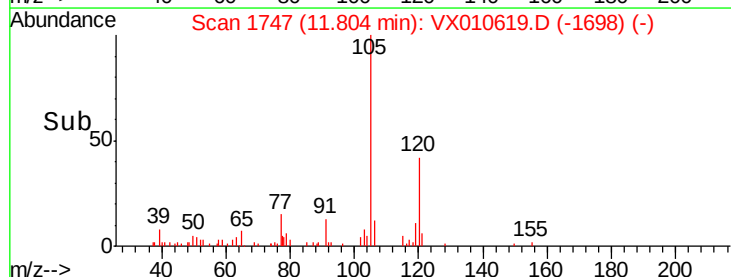
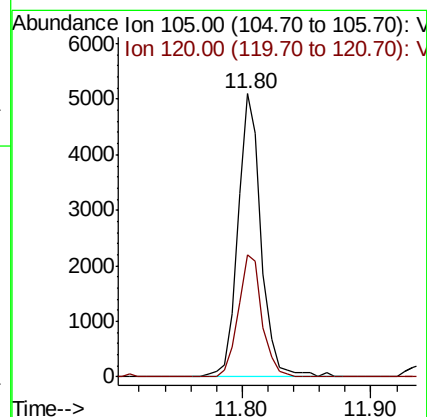
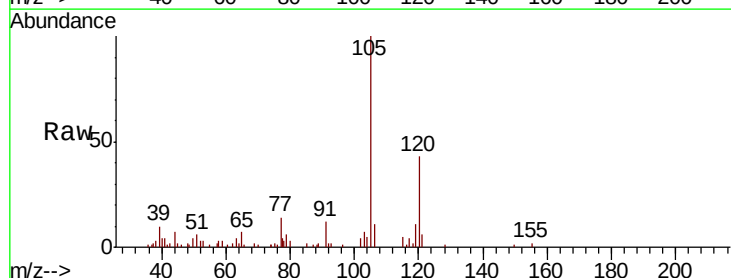
Acq: 02 Jul 2019 16:01

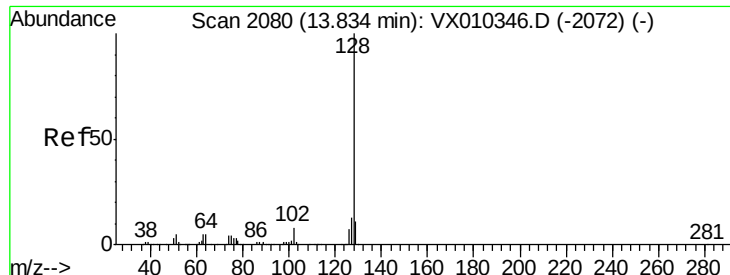
Tgt Ion: 105 Resp: 6379

Ion Ratio Lower Upper

105 100

120 44.2 23.1 69.2





#95
Naphthalene
Concen: 11.295 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010619.D
Acq: 02 Jul 2019 16:01

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.1	8.9	13.3

