

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010856.D
 Acq On : 12 Jul 2019 23:26
 Operator : JC/SP
 Sample : K3726-03ME
 Misc : 5.87g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PX-3_070919ME

Quant Time: Jul 13 05:50:09 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	5.65	168	208350	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	325894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158632	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	105466	53.99	ug/l	0.00
Spiked Amount						
			Recovery	=	107.98%	
35) Dibromofluoromethane	5.50	113	94462	47.37	ug/l	0.00
Spiked Amount						
			Recovery	=	94.74%	
50) Toluene-d8	8.71	98	384729	50.43	ug/l	0.00
Spiked Amount						
			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.14	95	142407	51.71	ug/l	0.00
Spiked Amount						
			Recovery	=	103.42%	

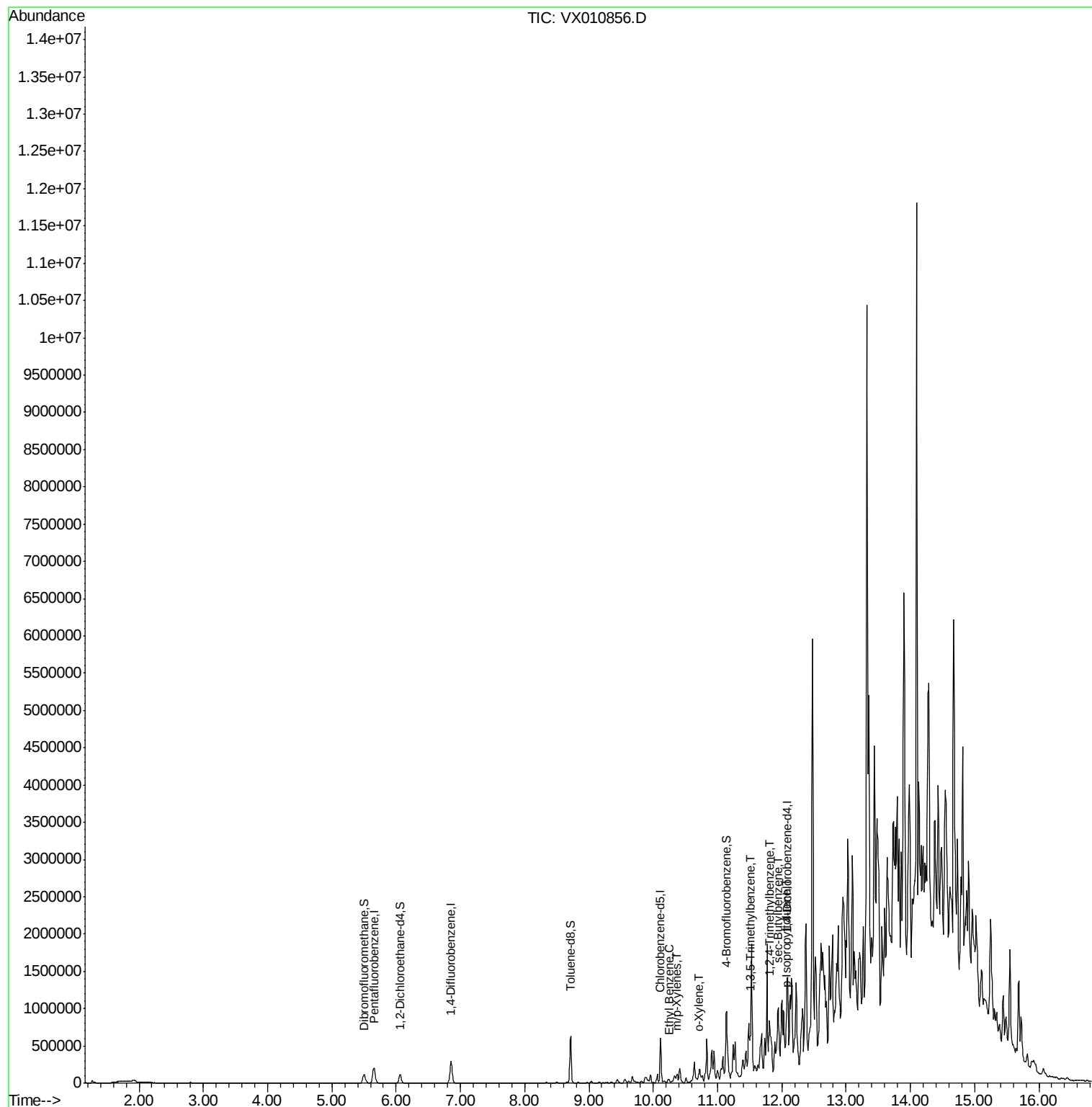
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.25	91	3409	0.337	ug/l	98
68) m/p-Xylenes	10.36	106	5070	1.295	ug/l	89
69) o-Xylene	10.70	106	8911	2.314	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	153904	17.361	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	160037	17.969	ug/l	100
85) sec-Butylbenzene	11.94	105	20955	2.006	ug/l	92
86) p-Isopropyltoluene	12.06	119	57628	5.964	ug/l	99

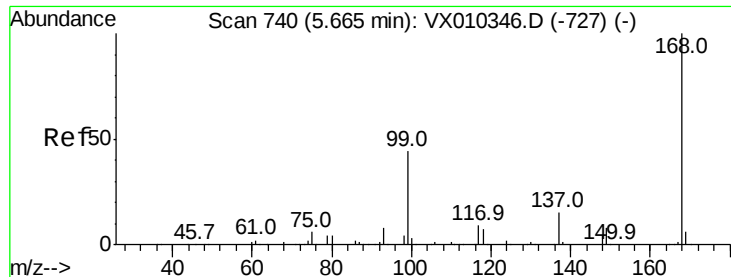
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\
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ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PX-3_070919ME

Quant Time: Jul 13 05:50:09 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: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

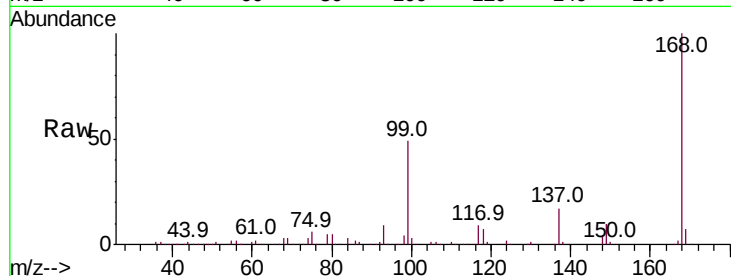
PX-3 070919ME

Tot Ion:168 Resp: 208350

Ion Ratio Lower Upper

168 100

99 49.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

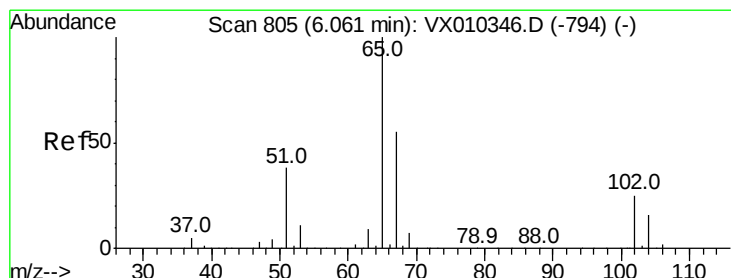
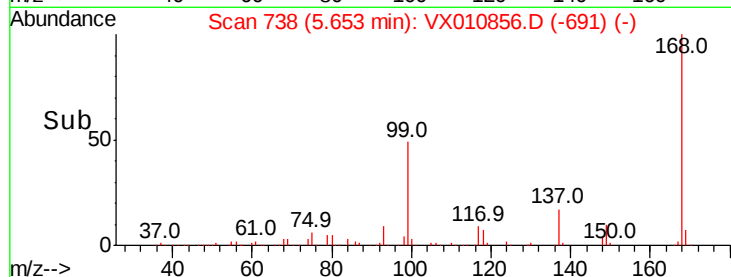
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.989 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010856.D

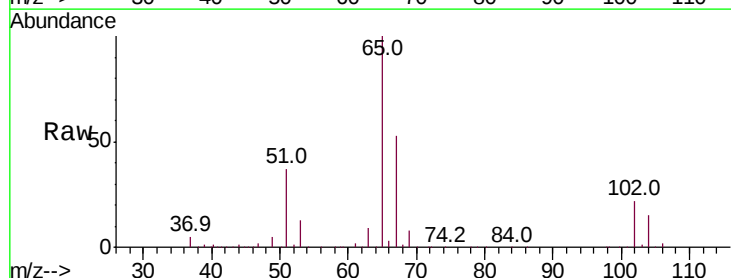
Acq: 12 Jul 2019 23:26

Tgt Ion: 65 Resp: 105466

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

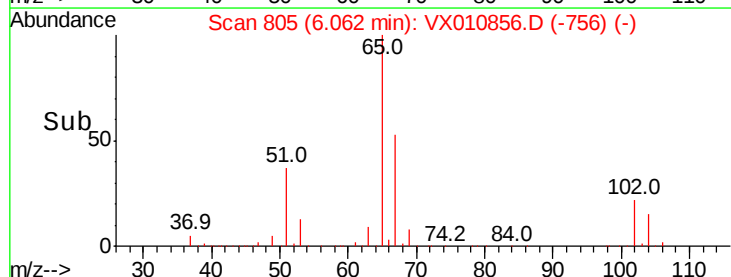
30000

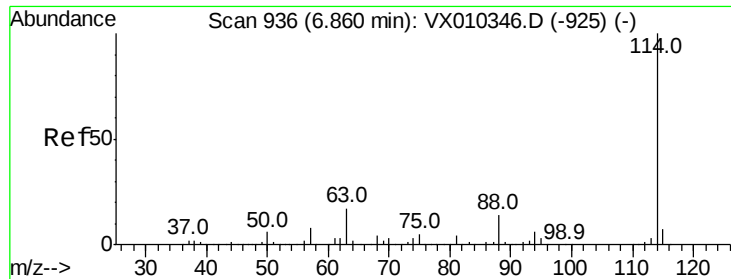
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

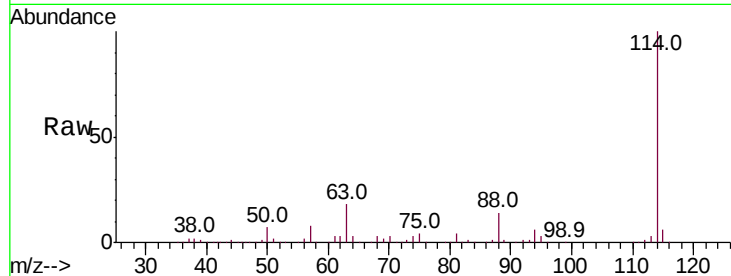




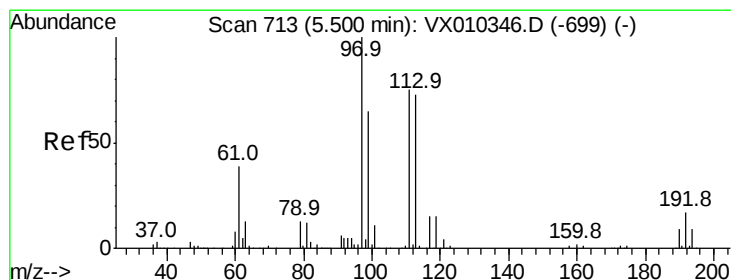
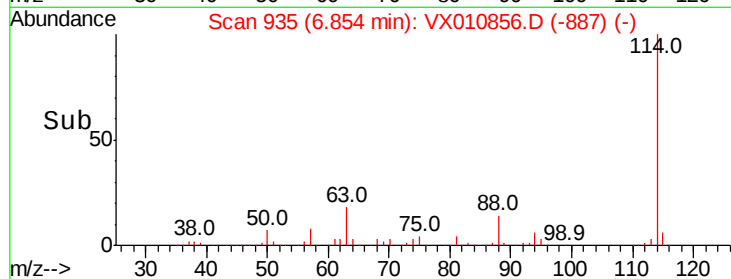
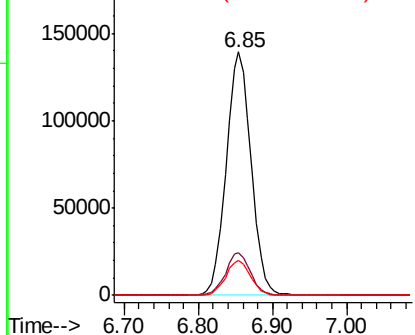
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010856.D
 Acq: 12 Jul 2019 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PX-3_070919ME

Tot Ion:114 Resp: 325894
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 33.8
 88 14.2 0.0 27.6

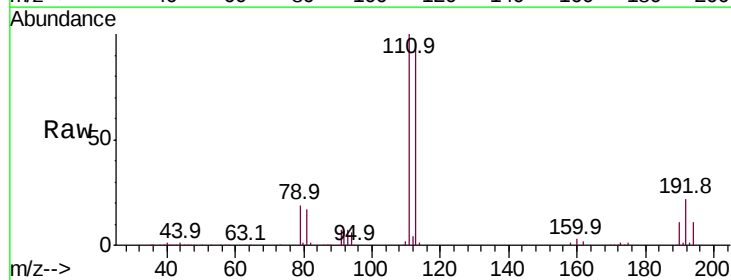


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

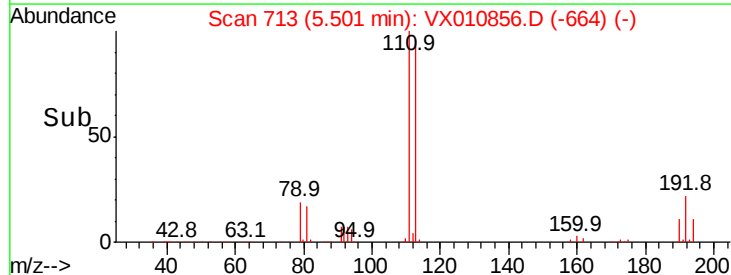
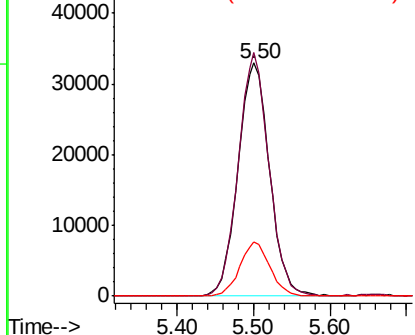


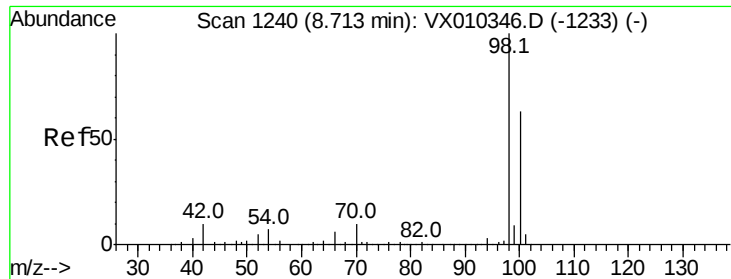
#35
 Dibromofluoromethane
 Concen: 47.375 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010856.D
 Acq: 12 Jul 2019 23:26

Tgt Ion:113 Resp: 94462
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.2 121.8
 192 22.1 18.6 27.8



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





#50

Toluene-d8

Concen: 50.434 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

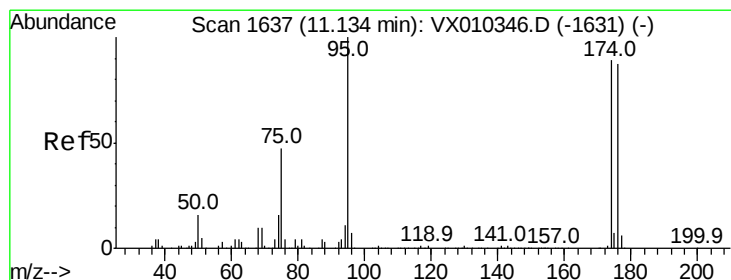
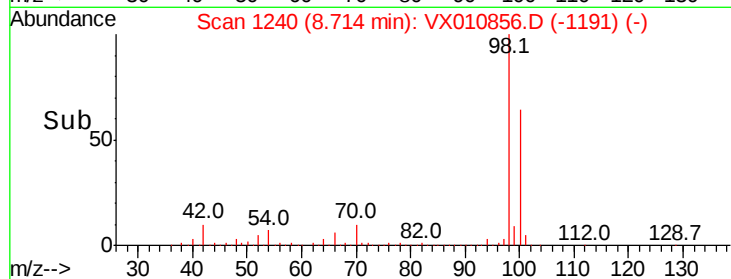
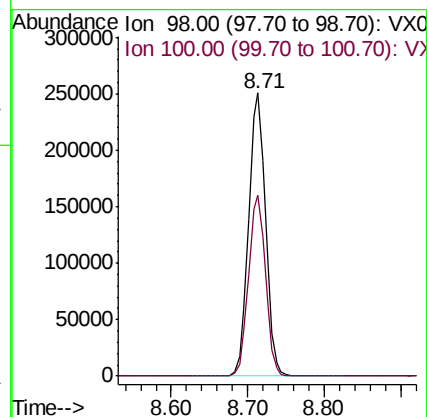
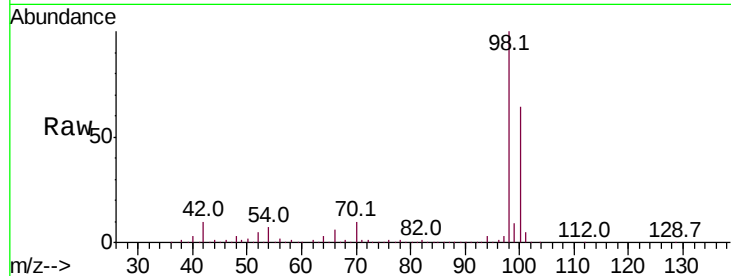
PX-3 070919ME

Tot Ion: 98 Resp: 384729

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 51.708 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

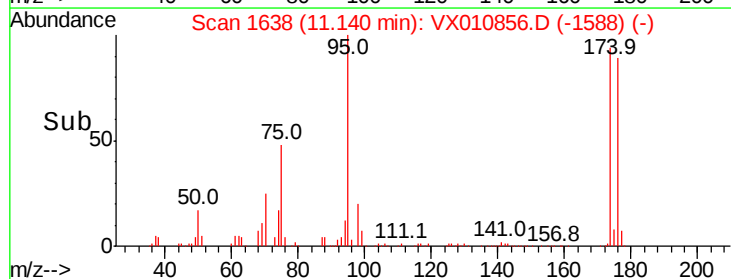
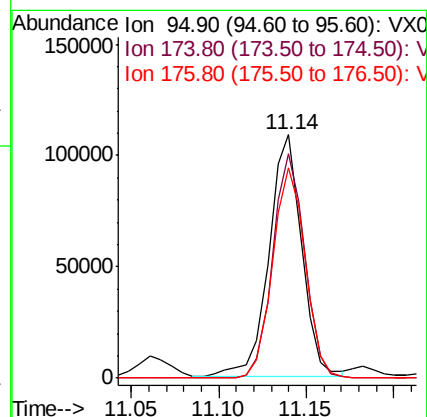
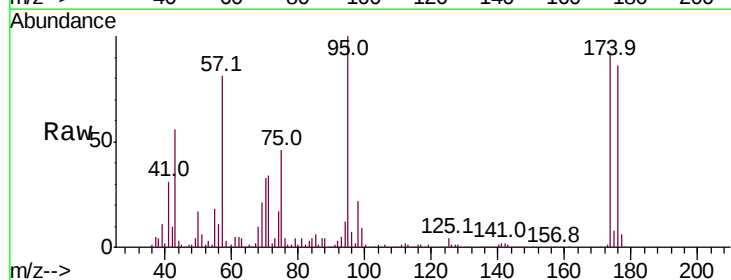
Tgt Ion: 95 Resp: 142407

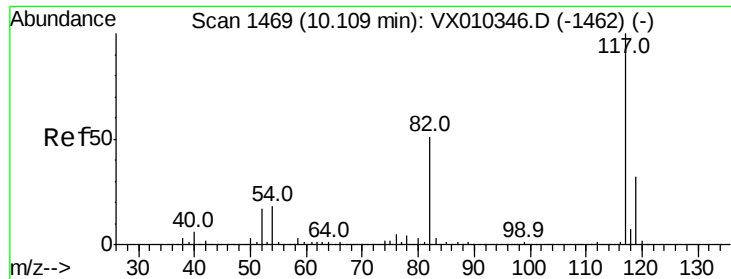
Ion Ratio Lower Upper

95 100

174 90.7 0.0 187.6

176 86.9 0.0 184.0

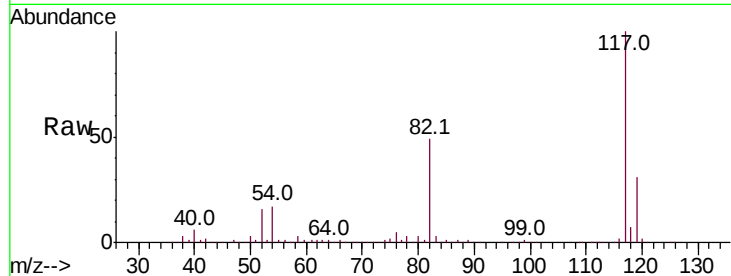




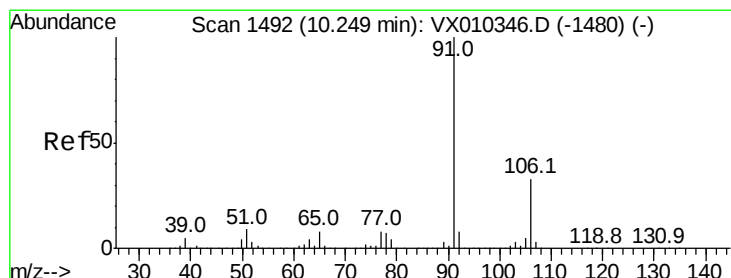
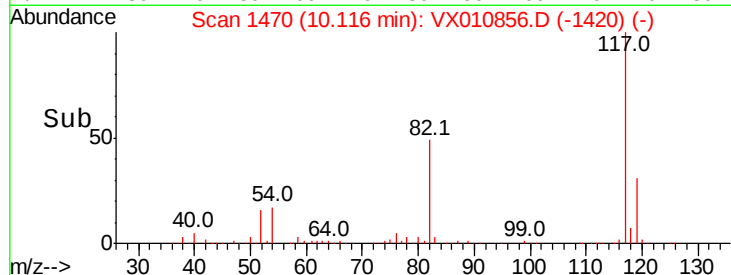
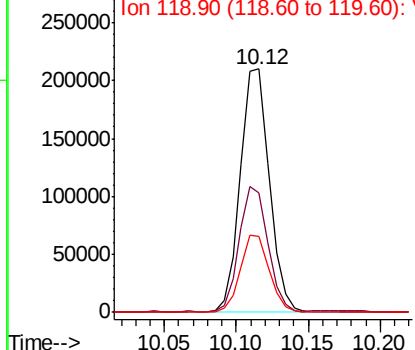
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010856.D
Acq: 12 Jul 2019 23:26

Instrument :
MSVOA_X
ClientSampleId :
PX-3_070919ME

Tot Ion:117 Resp: 294887
Ion Ratio Lower Upper
117 100
82 48.7 41.2 61.8
119 31.3 25.5 38.3

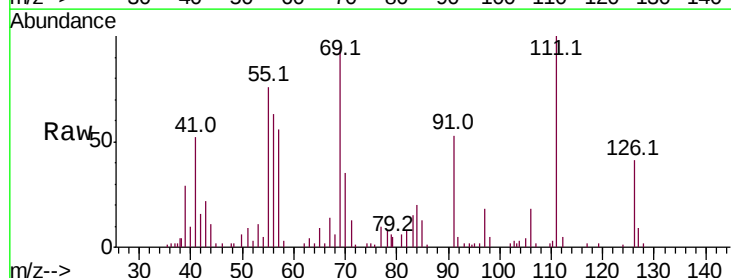


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

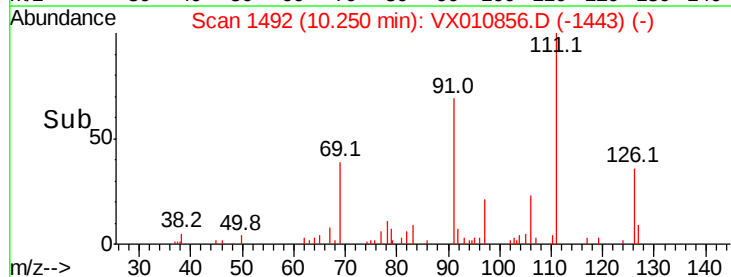
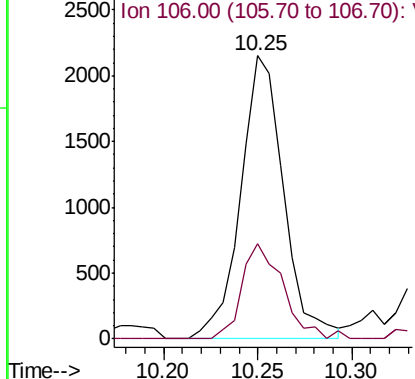


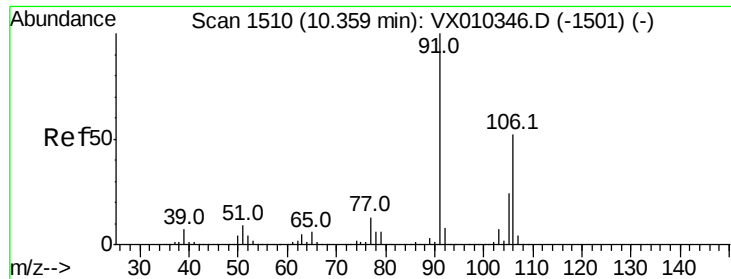
#67
Ethyl Benzene
Concen: 0.337 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010856.D
Acq: 12 Jul 2019 23:26

Tgt Ion: 91 Resp: 3409
Ion Ratio Lower Upper
91 100
106 33.8 26.2 39.2



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

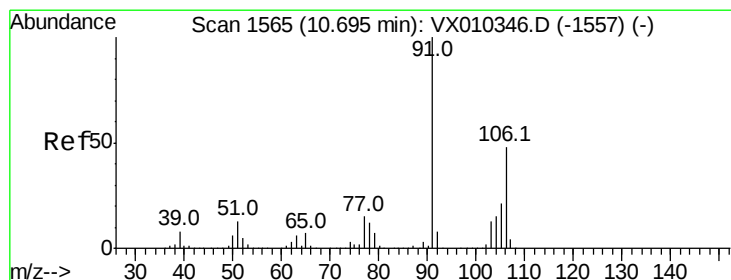
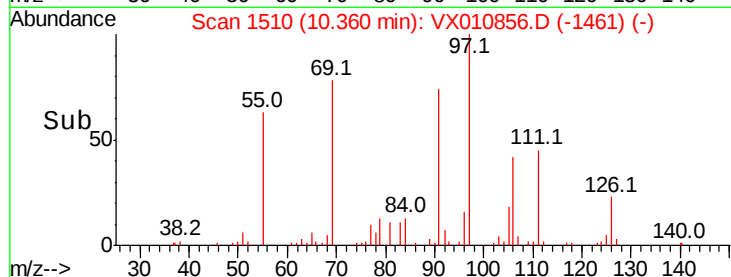
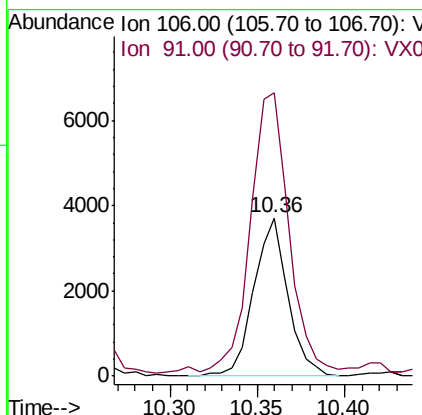
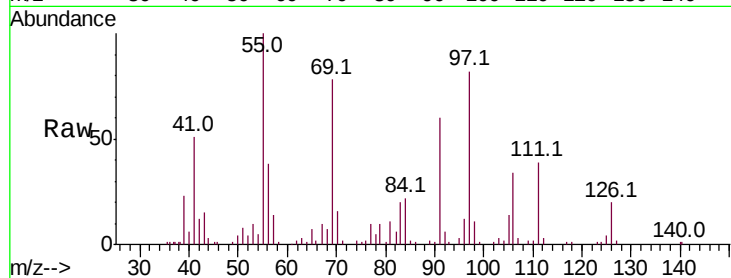




#68
m/p-Xylenes
Concen: 1.295 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010856.D
Acq: 12 Jul 2019 23:26

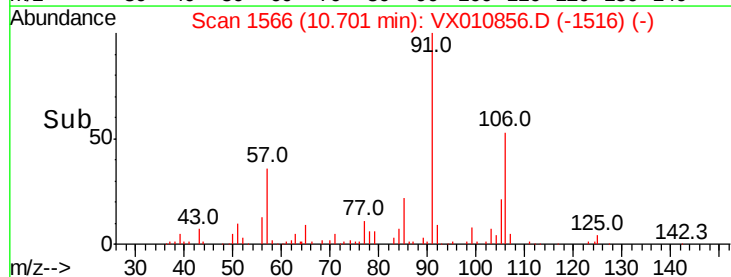
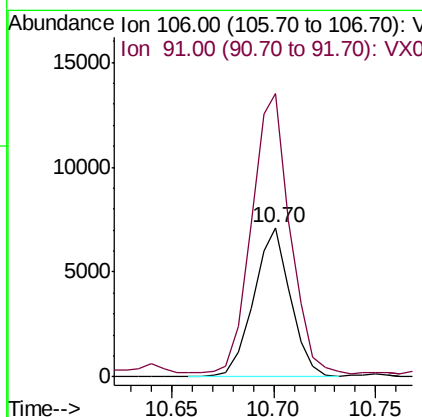
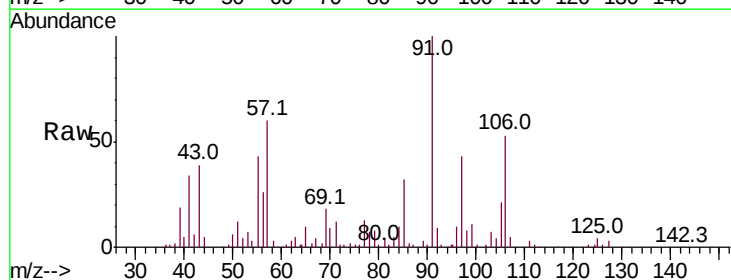
Instrument :
MSVOA_X
ClientSampleId :
PX-3 070919ME

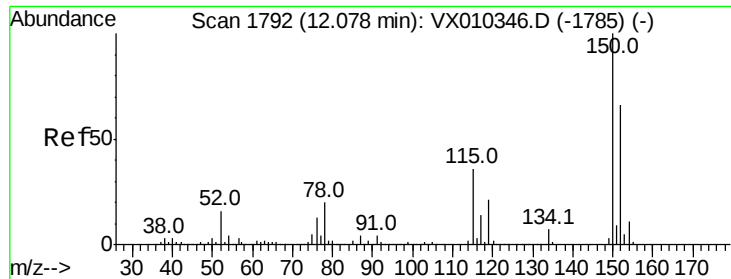
Tot Ion:106 Resp: 5070
Ion Ratio Lower Upper
106 100
91 210.0 155.3 232.9



#69
o-Xylene
Concen: 2.314 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010856.D
Acq: 12 Jul 2019 23:26

Tgt Ion:106 Resp: 8911
Ion Ratio Lower Upper
106 100
91 196.1 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

PX-3_070919ME

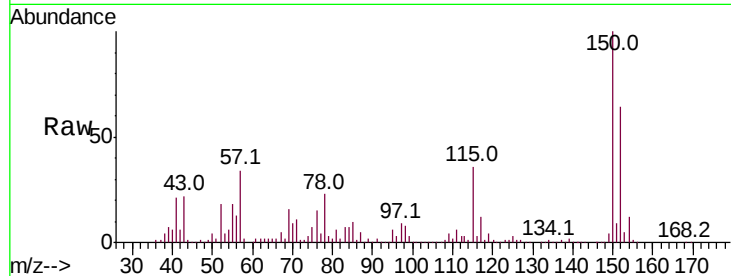
Tot Ion:152 Resp: 158632

Ion Ratio Lower Upper

152 100

115 57.9 38.6 115.7

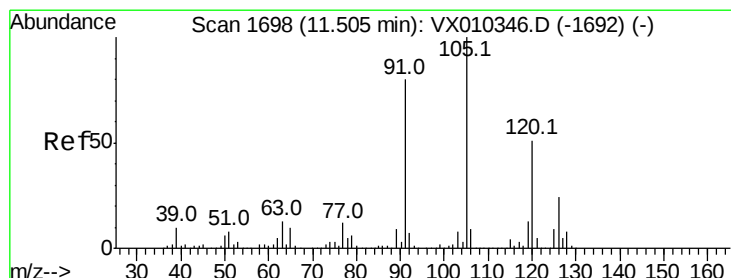
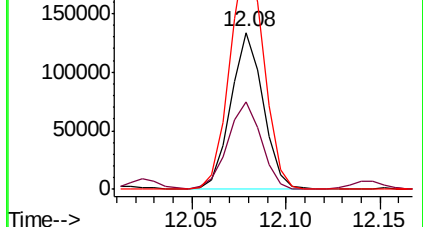
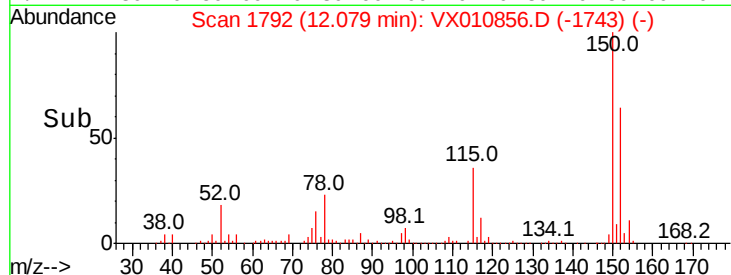
150 156.1 0.0 347.4



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



#80

1,3,5-Trimethylbenzene

Concen: 17.361 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010856.D

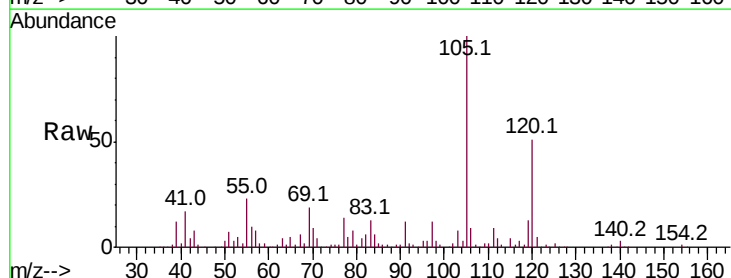
Acq: 12 Jul 2019 23:26

Tgt Ion:105 Resp: 153904

Ion Ratio Lower Upper

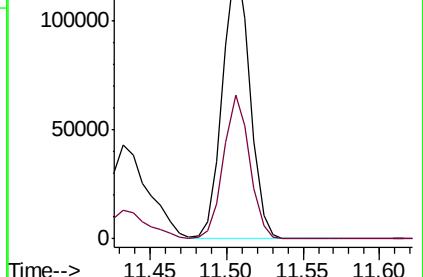
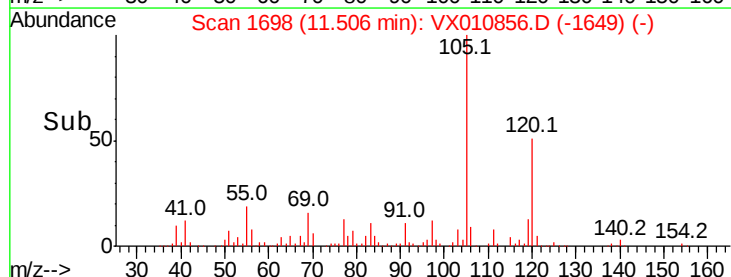
105 100

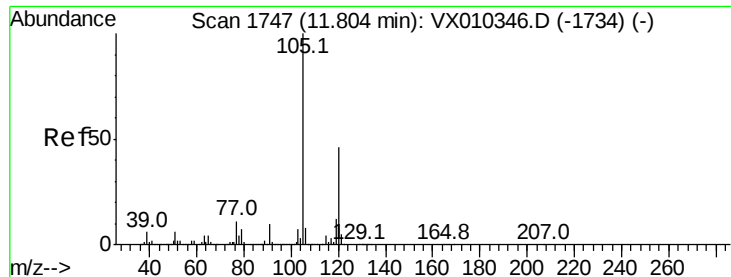
120 50.5 25.2 75.6



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: 17.969 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010856.D

Acq: 12 Jul 2019 23:26

Instrument :

MSVOA_X

ClientSampleId :

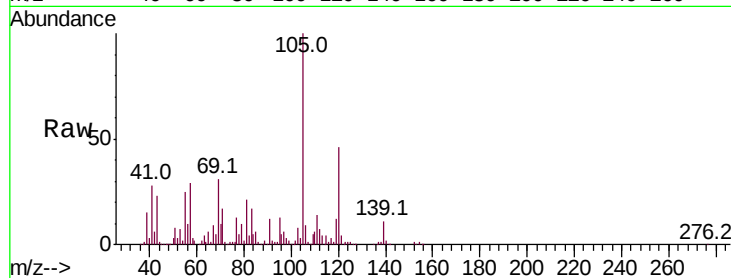
PX-3 070919ME

Tot Ion:105 Resp: 160037

Ion Ratio Lower Upper

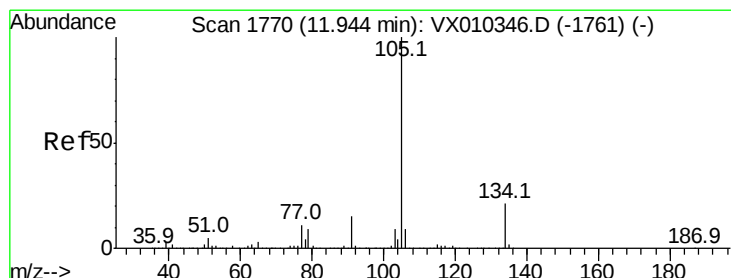
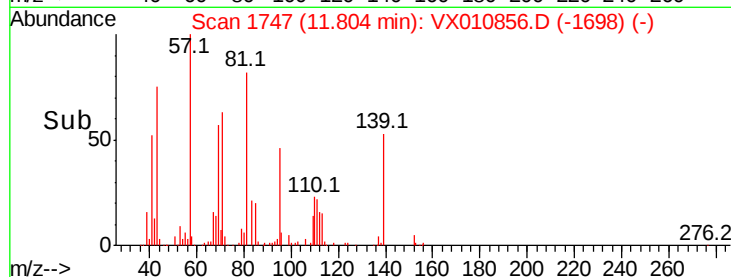
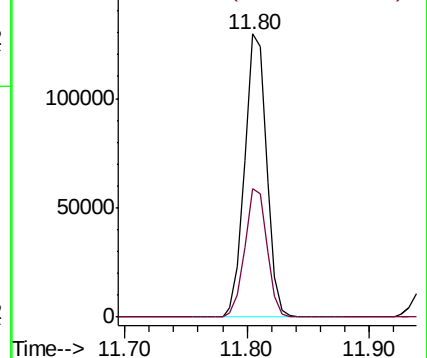
105 100

120 46.0 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 2.006 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010856.D

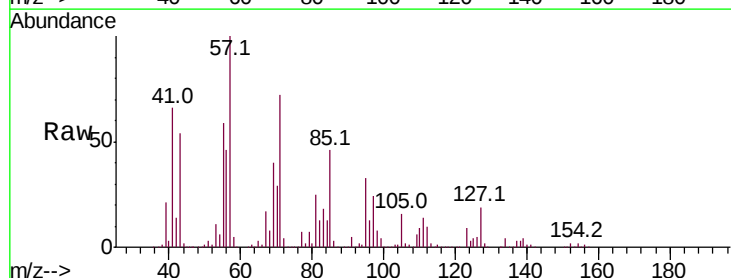
Acq: 12 Jul 2019 23:26

Tgt Ion:105 Resp: 20955

Ion Ratio Lower Upper

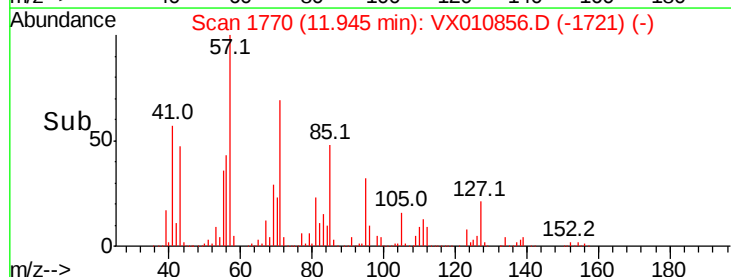
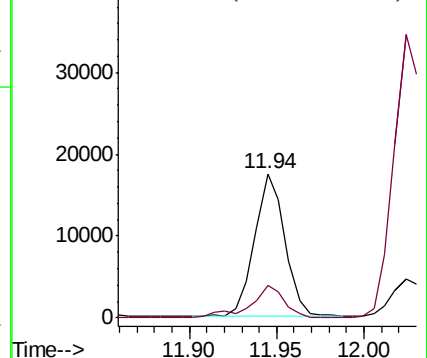
105 100

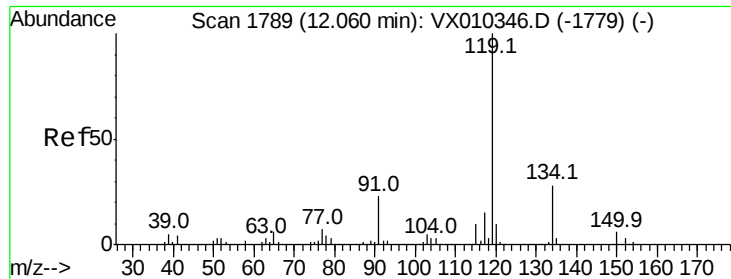
134 25.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86
 p-Isopropyltoluene
 Concen: 5.964 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010856.D
 Acq: 12 Jul 2019 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PX-3_070919ME

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.7	41.1
91	22.5	11.3	33.8

