

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013775.D
 Acq On : 05 Dec 2019 14:39
 Operator : JC/SP
 Sample : K6134-01DL 1000X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30573DL

Quant Time: Dec 06 03:03:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

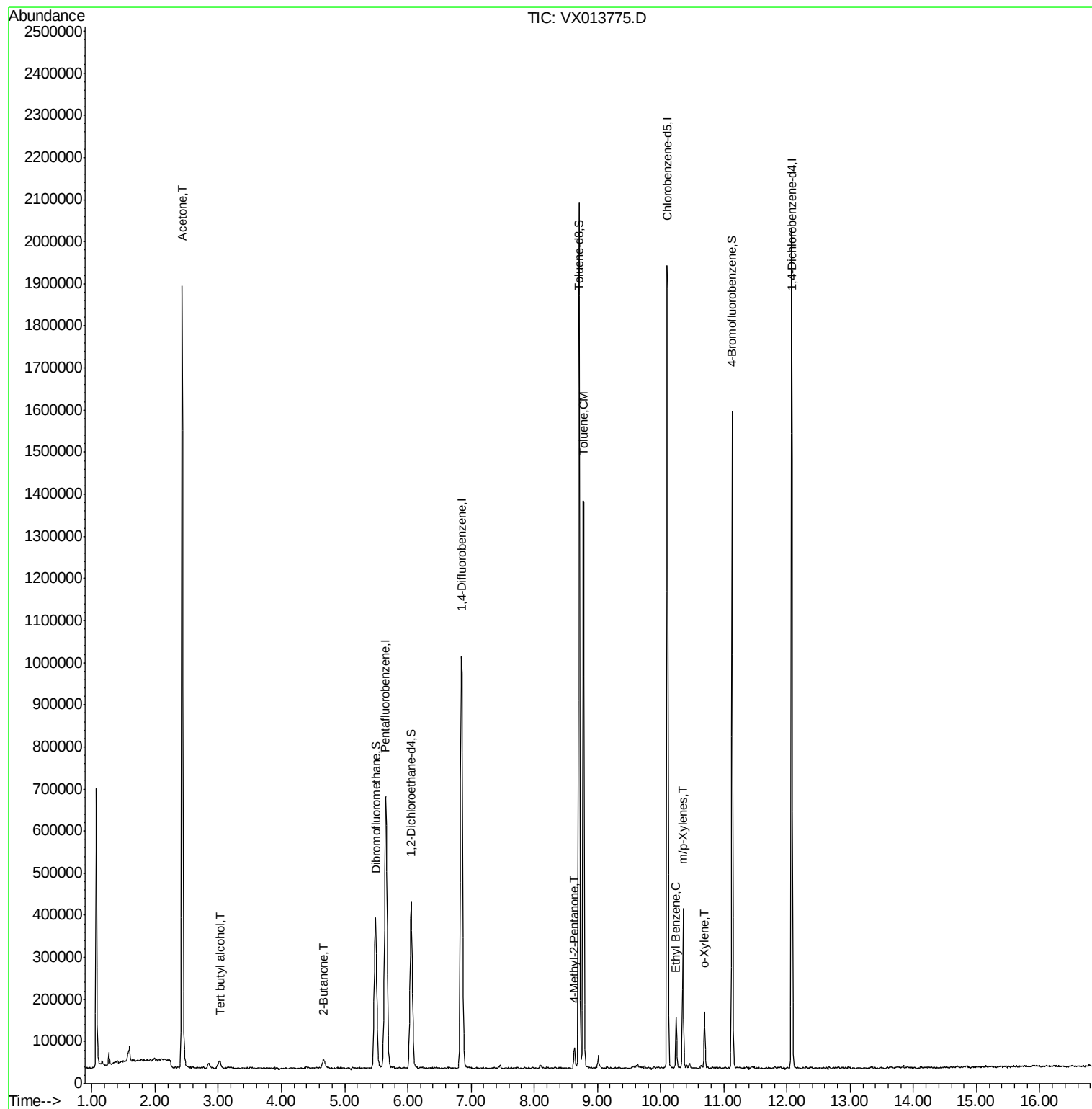
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	686668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1033325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	913034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	412336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	367477	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
35) Dibromofluoromethane	5.49	113	303761	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	8.71	98	1220018	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.14	95	413778	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	21497	10.927	ug/l #	84
16) Acetone	2.43	43	1908087	484.875	ug/l	100
25) 2-Butanone	4.67	43	33980	5.810	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	29979	2.751	ug/l	100
52) Toluene	8.78	92	531479	29.946	ug/l	100
67) Ethyl Benzene	10.25	91	71856	2.206	ug/l	98
68) m/p-Xylenes	10.36	106	92076	7.383	ug/l	99
69) o-Xylene	10.70	106	31164	2.562	ug/l	99

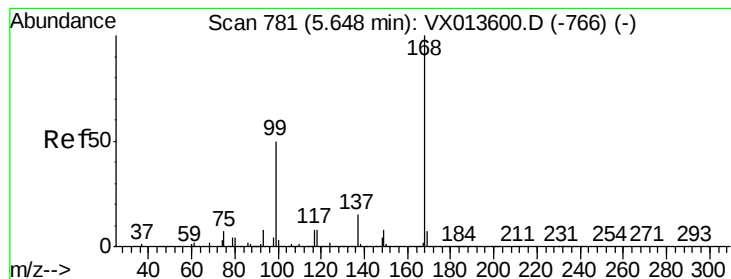
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120519\
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MSVOA_X
ClientSampleId :
30573DL

Quant Time: Dec 06 03:03:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013775.D

Acq: 05 Dec 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

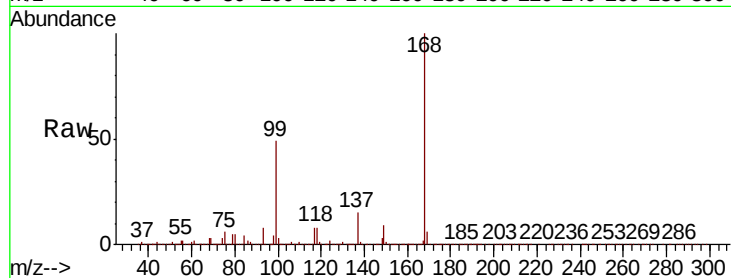
30573DL

Tot Ion:168 Resp: 686668

Ion Ratio Lower Upper

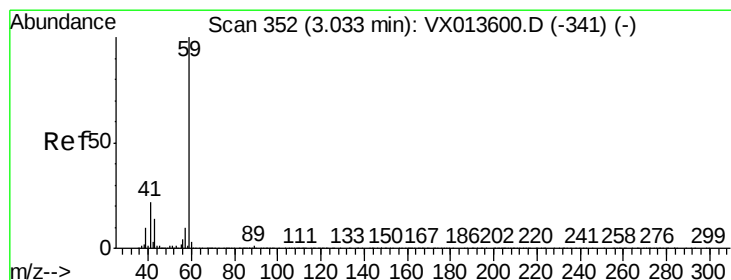
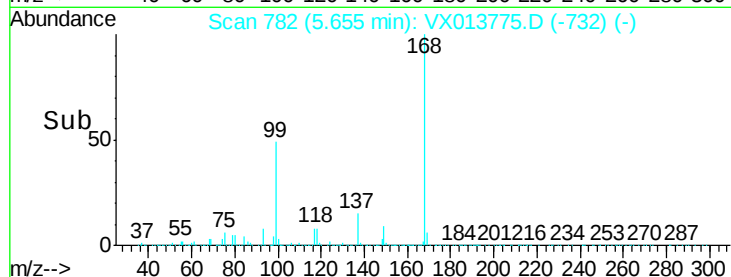
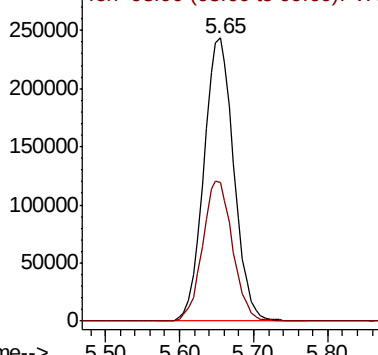
168 100

99 48.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 10.927 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX013775.D

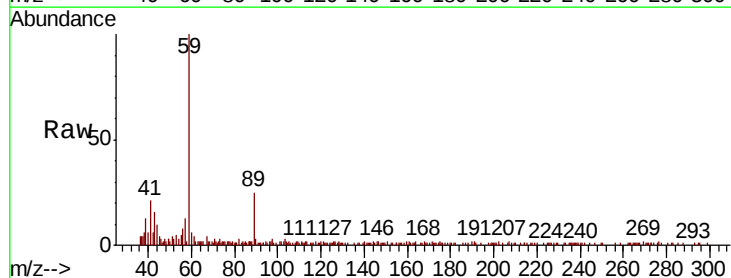
Acq: 05 Dec 2019 14:39

Tgt Ion: 59 Resp: 21497

Ion Ratio Lower Upper

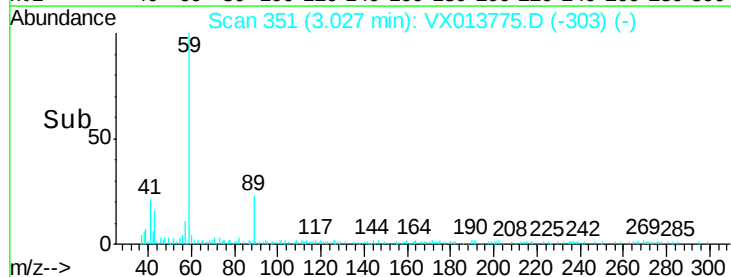
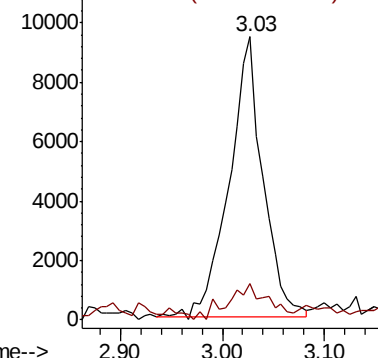
59 100

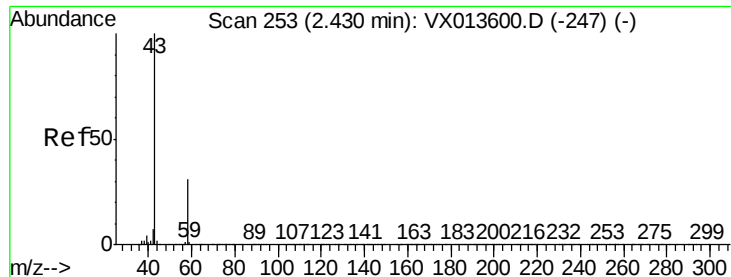
57 15.6 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

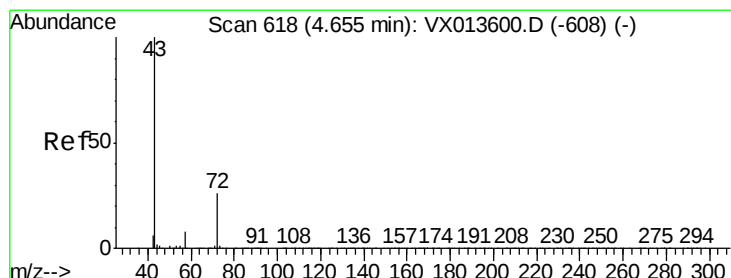
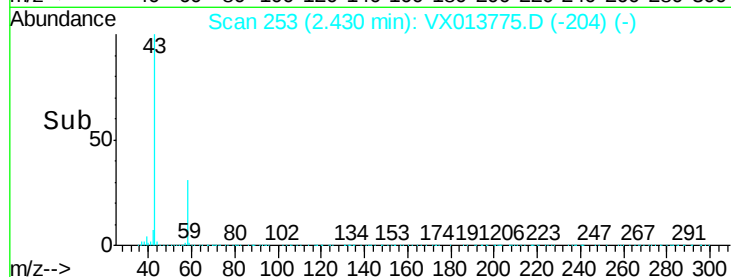
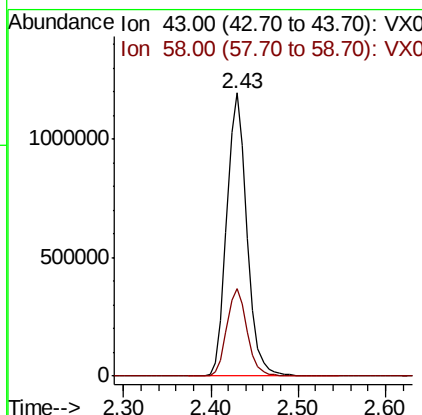
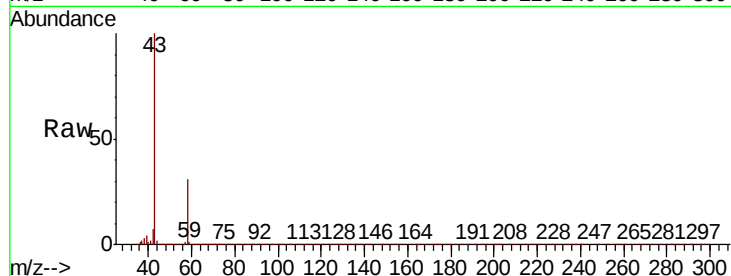




#16
Acetone
Concen: 484.875 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013775.D
Acq: 05 Dec 2019 14:39

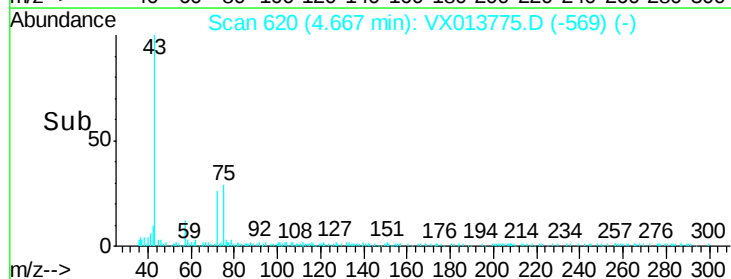
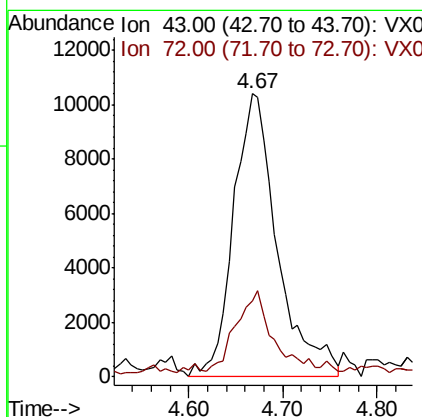
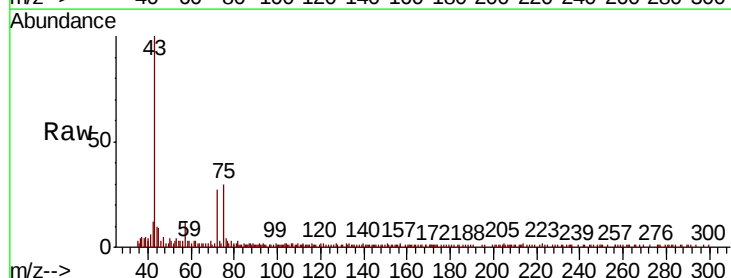
Instrument :
MSVOA_X
ClientSampleId :
30573DL

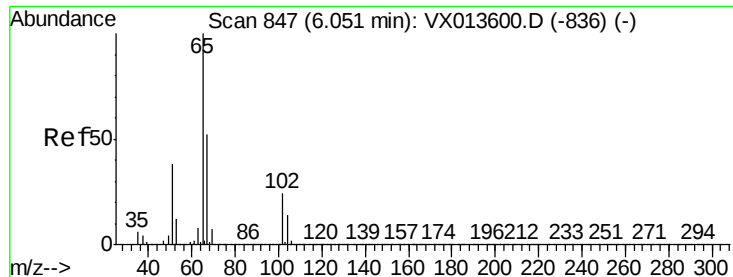
Tot Ion: 43 Resp: 1908087
Ion Ratio Lower Upper
43 100
58 30.8 24.6 36.8



#25
2-Butanone
Concen: 5.810 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013775.D
Acq: 05 Dec 2019 14:39

Tgt Ion: 43 Resp: 33980
Ion Ratio Lower Upper
43 100
72 24.8 20.6 31.0





#33

1,2-Dichloroethane-d4

Concen: 46.104 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013775.D

Acq: 05 Dec 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

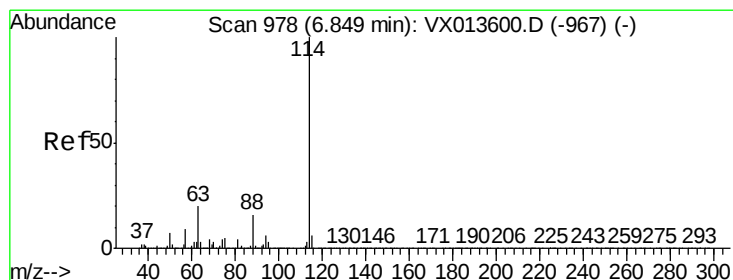
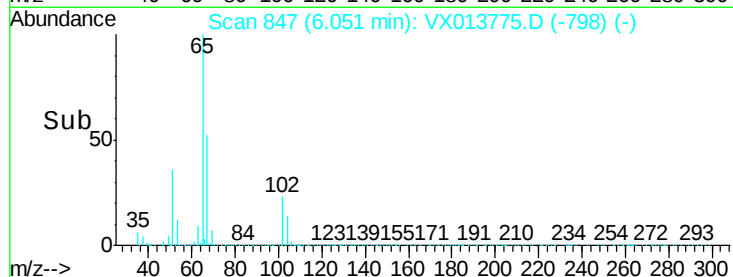
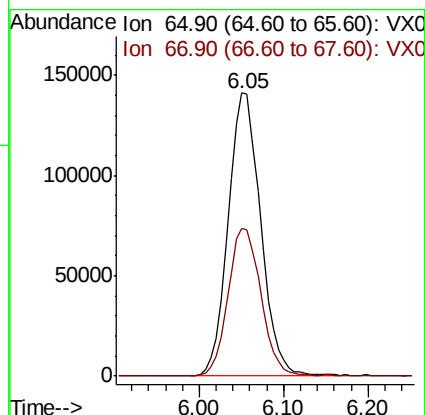
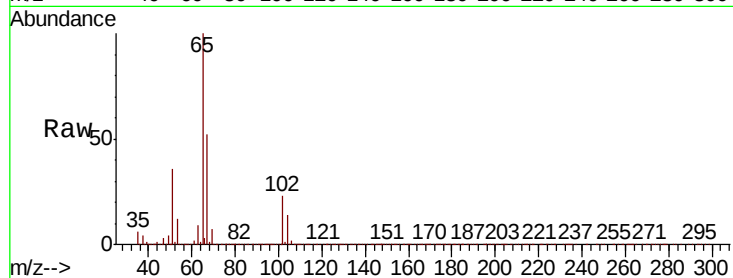
30573DL

Tot Ion: 65 Resp: 367477

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013775.D

Acq: 05 Dec 2019 14:39

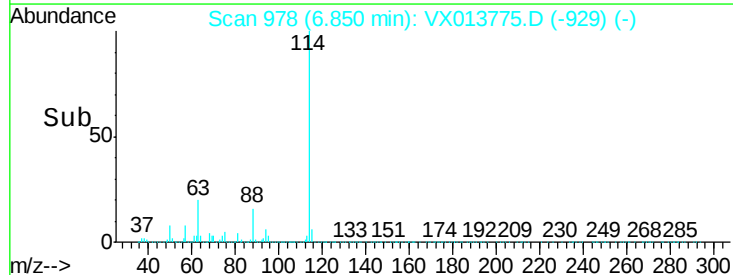
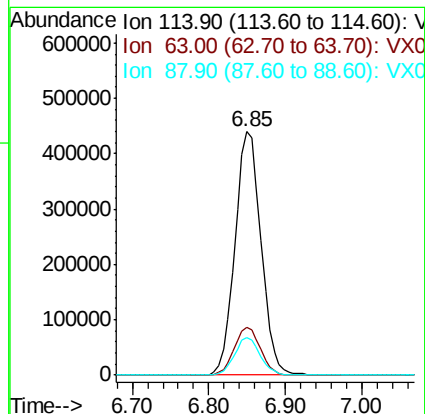
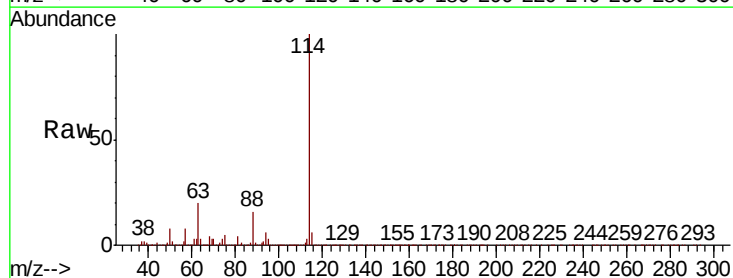
Tgt Ion: 114 Resp: 1033325

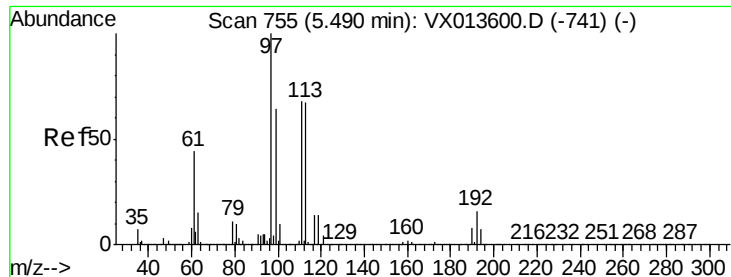
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.551 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013775.D

Acq: 05 Dec 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

30573DL

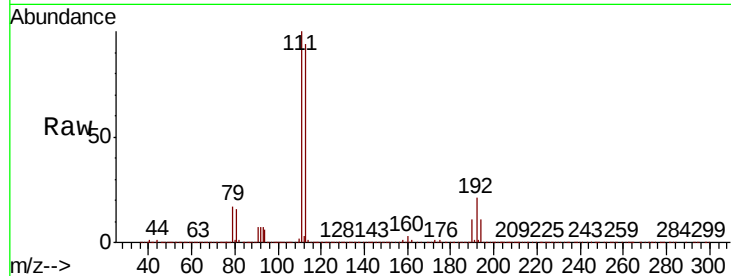
Tot Ion:113 Resp: 303761

Ion Ratio Lower Upper

113 100

111 103.6 83.6 125.4

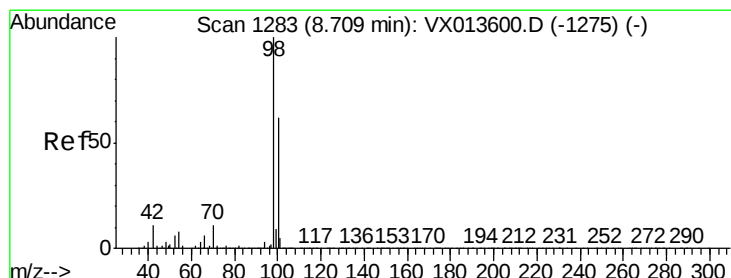
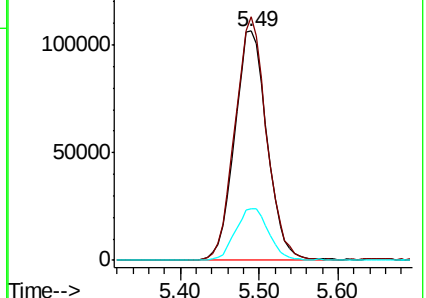
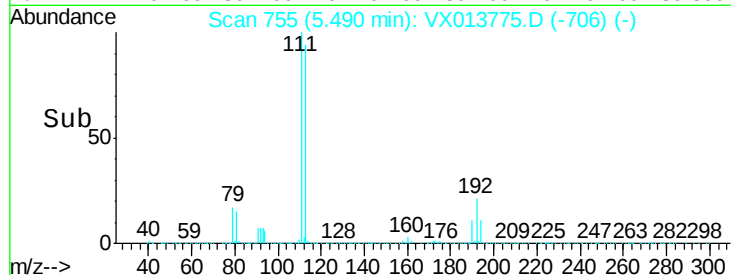
192 23.1 19.2 28.8



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: 49.018 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013775.D

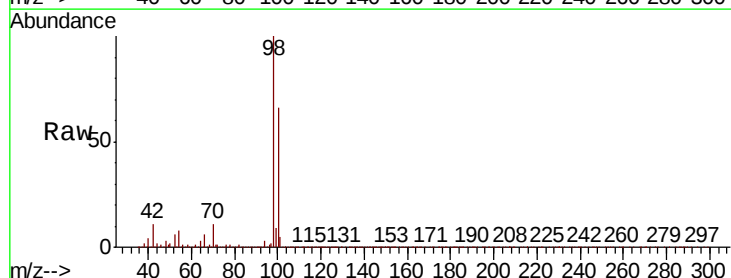
Acq: 05 Dec 2019 14:39

Tgt Ion: 98 Resp: 1220018

Ion Ratio Lower Upper

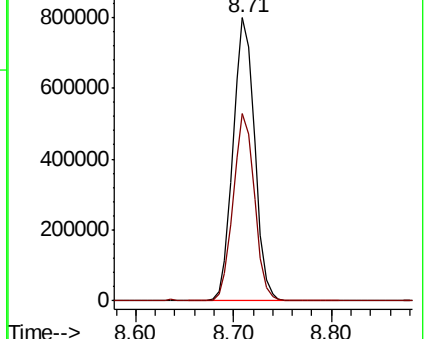
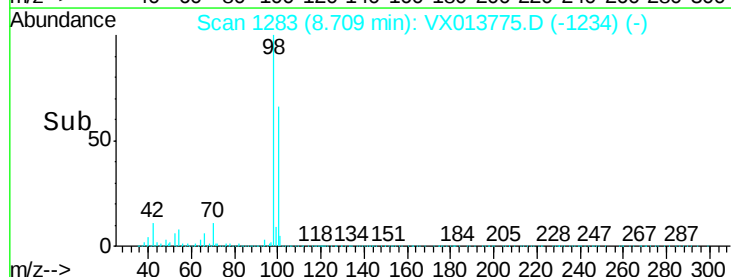
98 100

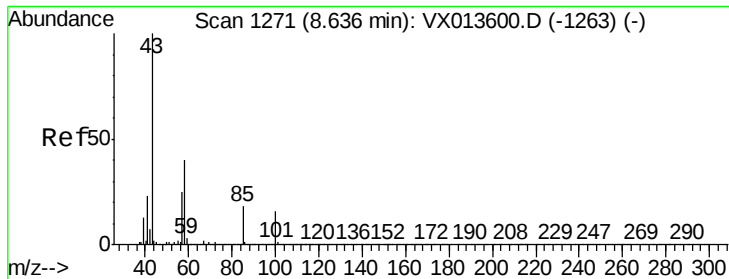
100 65.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 2.751 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013775.D

Acq: 05 Dec 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

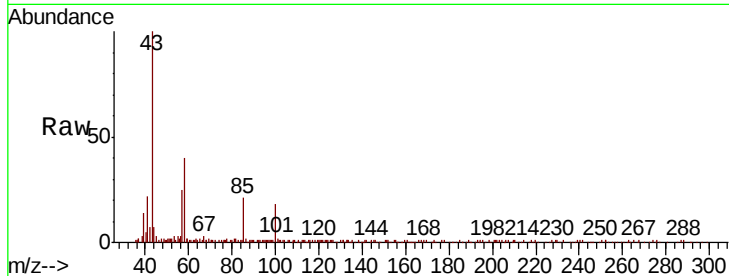
30573DL

Tot Ion: 43 Resp: 29979

Ion Ratio Lower Upper

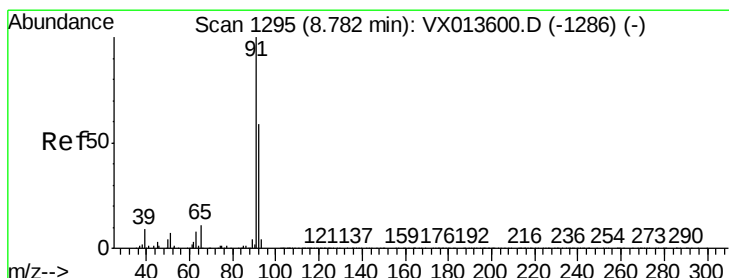
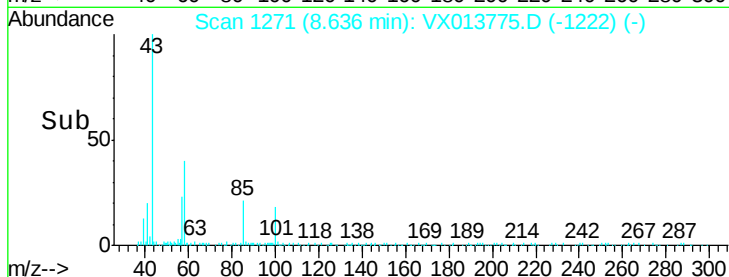
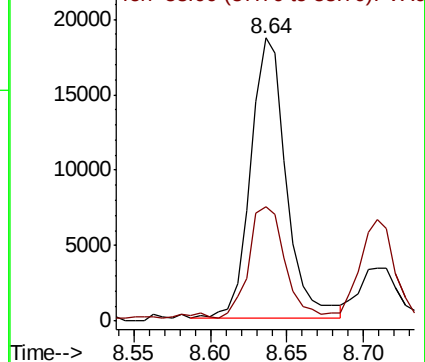
43 100

58 40.3 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 29.946 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013775.D

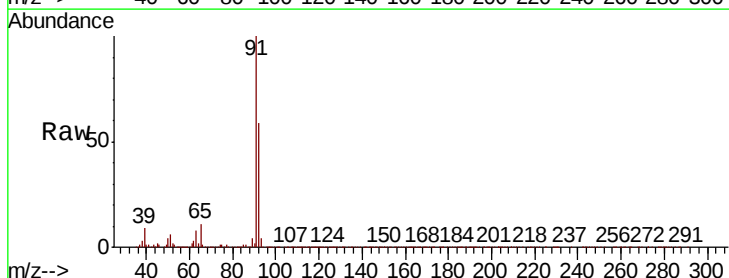
Acq: 05 Dec 2019 14:39

Tgt Ion: 92 Resp: 531479

Ion Ratio Lower Upper

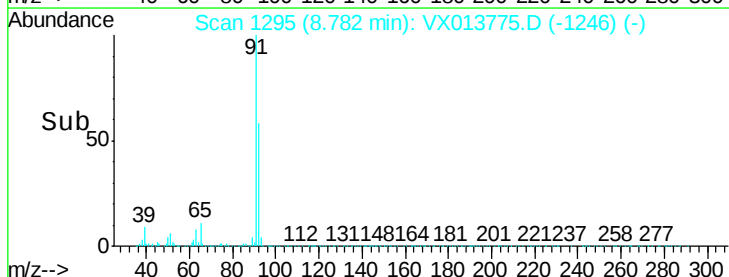
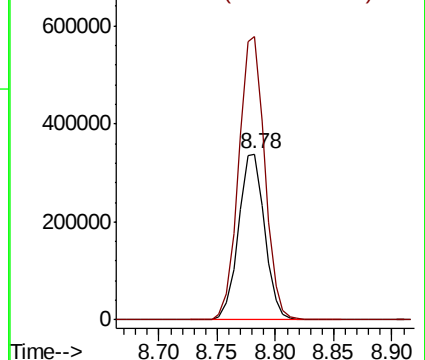
92 100

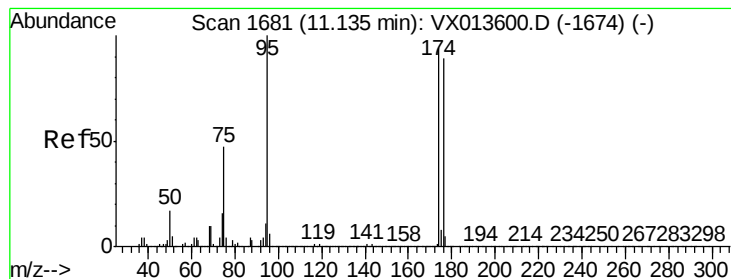
91 170.3 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.103 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013775.D

Acq: 05 Dec 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

30573DL

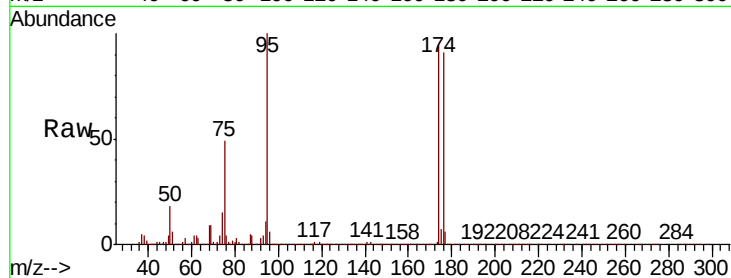
Tot Ion: 95 Resp: 413778

Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.0

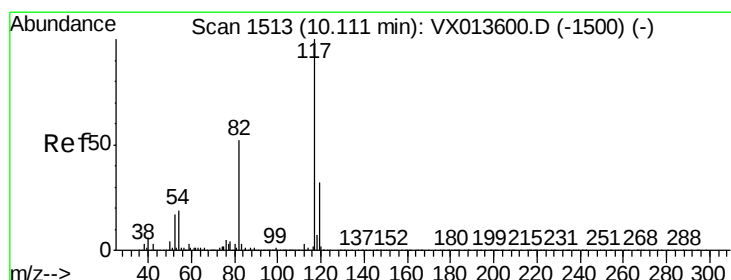
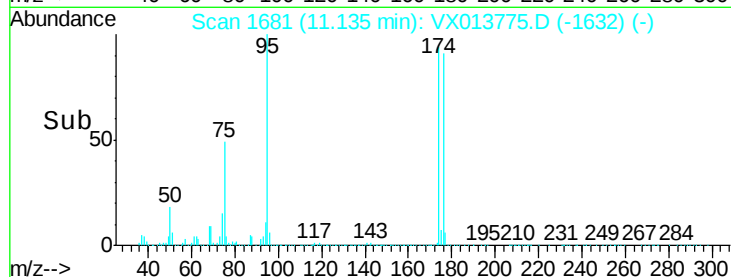
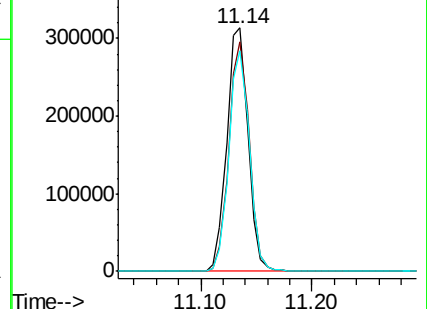
176 88.1 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013775.D

Acq: 05 Dec 2019 14:39

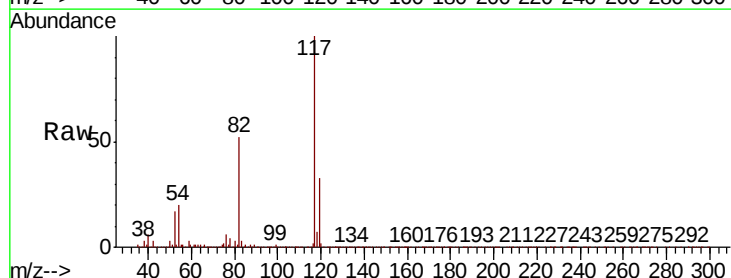
Tgt Ion: 117 Resp: 913034

Ion Ratio Lower Upper

117 100

82 51.7 41.8 62.8

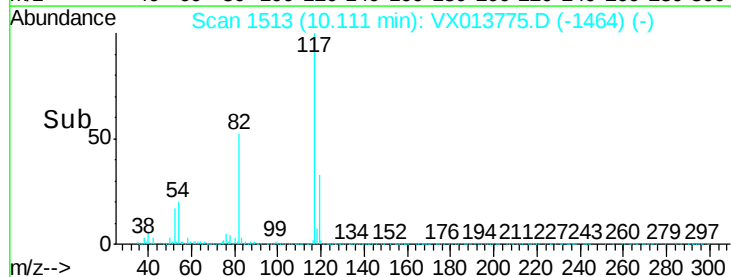
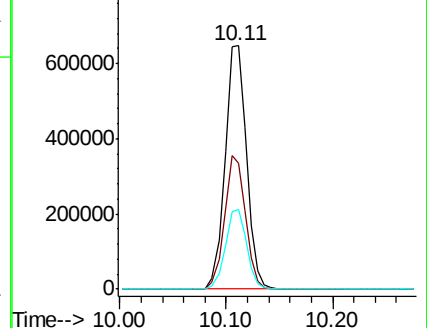
119 32.7 25.8 38.8

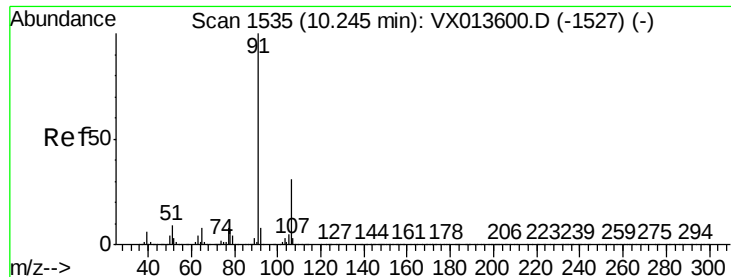


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)





#67

Ethyl Benzene

Concen: 2.206 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013775.D

Acq: 05 Dec 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

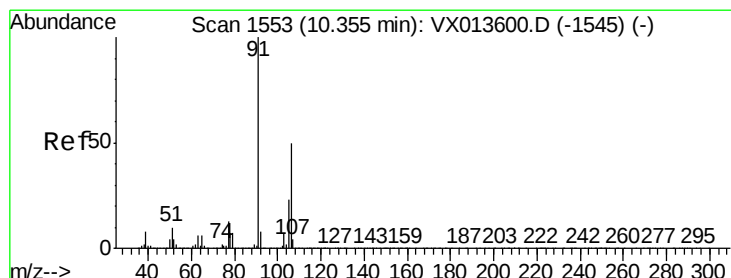
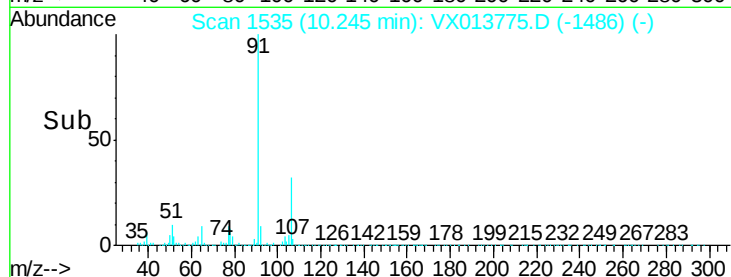
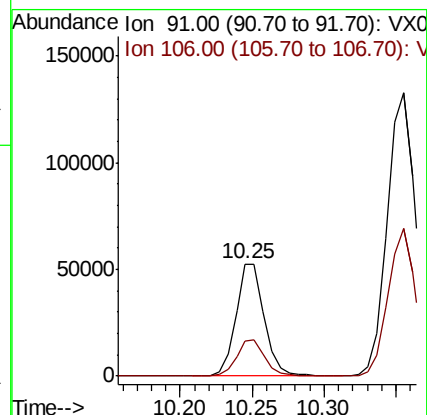
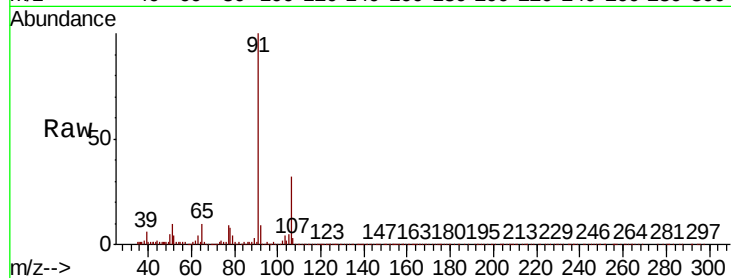
30573DL

Tot Ion: 91 Resp: 71856

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 7.383 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013775.D

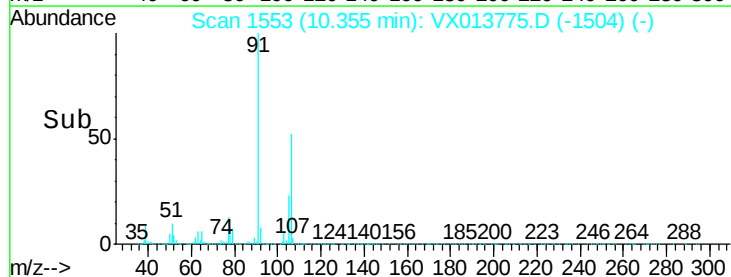
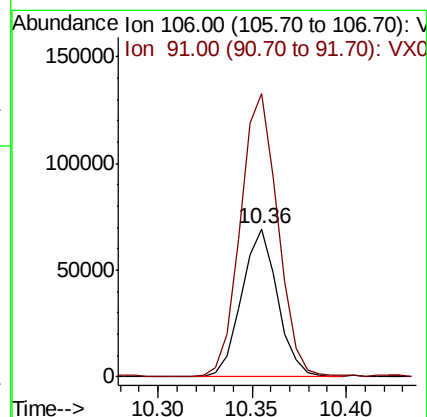
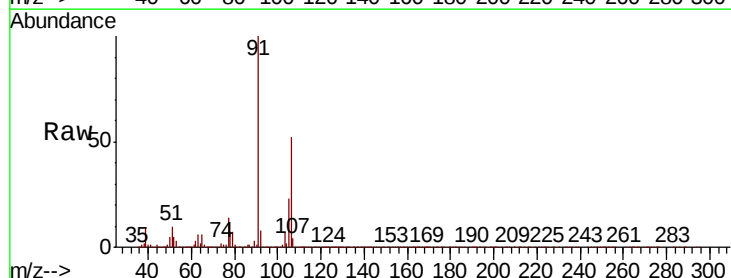
Acq: 05 Dec 2019 14:39

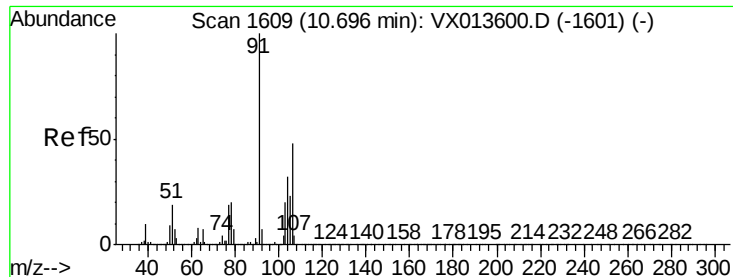
Tgt Ion: 106 Resp: 92076

Ion Ratio Lower Upper

106 100

91 197.4 159.0 238.4

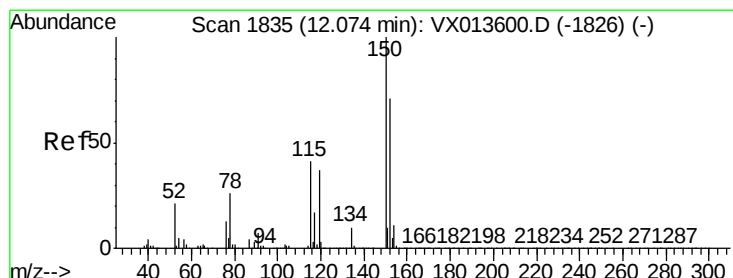
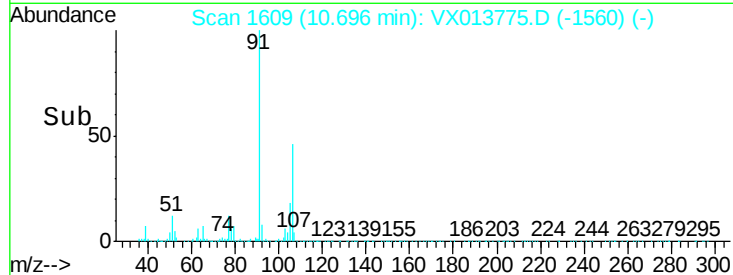
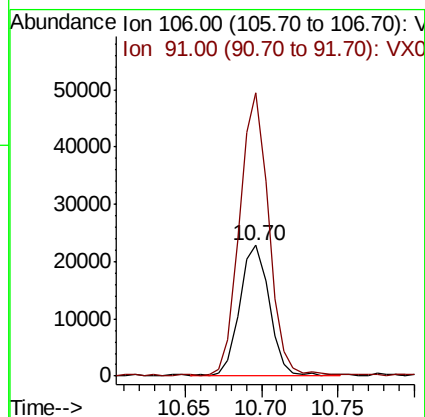
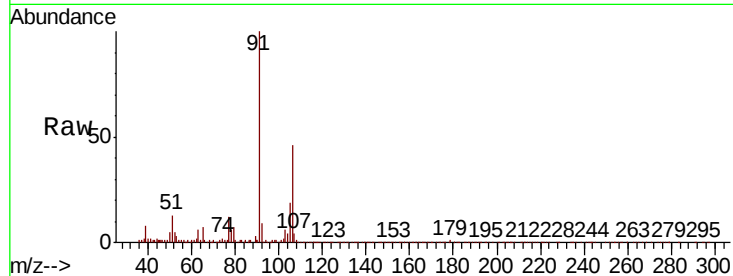




#69
o-Xylene
Concen: 2.562 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013775.D
Acq: 05 Dec 2019 14:39

Instrument :
MSVOA_X
ClientSampled :
30573DL

Tot Ion:106 Resp: 31164
Ion Ratio Lower Upper
106 100
91 209.2 104.1 312.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013775.D
Acq: 05 Dec 2019 14:39

Tgt Ion:152 Resp: 412336
Ion Ratio Lower Upper
152 100
115 55.9 38.4 115.1
150 158.0 0.0 346.8

