

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013361.D
 Acq On : 08 Nov 2019 16:38
 Operator : JC/SP
 Sample : K5777-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-7-NORTH

Quant Time: Nov 11 03:49:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	808270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1259180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1139508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	537882	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	458977	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
35) Dibromofluoromethane	5.48	113	376660	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
50) Toluene-d8	8.71	98	1498929	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.13	95	519596	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	

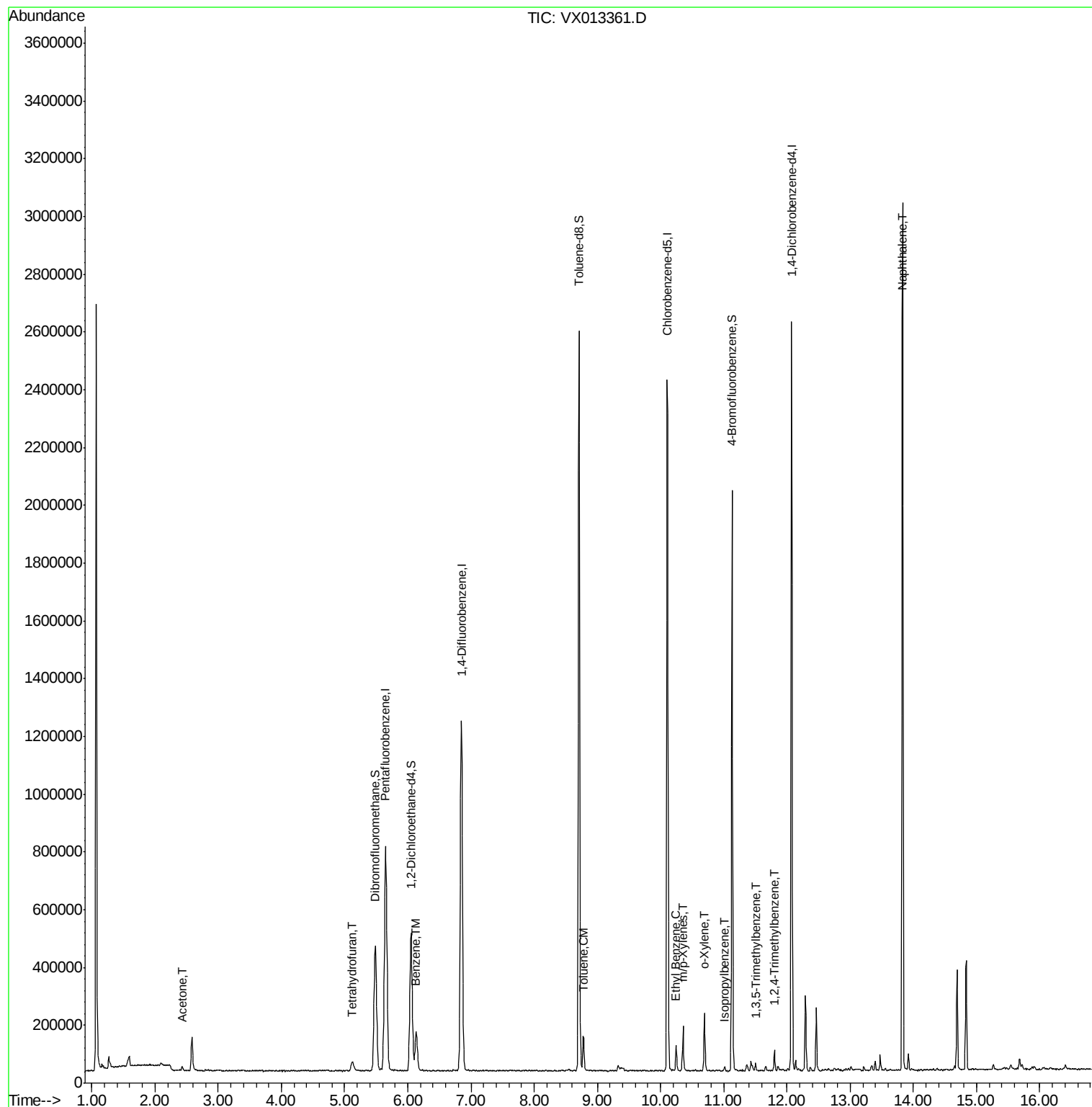
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	16170	3.386	ug/l	94
29) Tetrahydrofuran	5.12	42	34143	7.907	ug/l	98
40) Benzene	6.14	78	164717	4.895	ug/l	99
52) Toluene	8.78	92	48199	2.311	ug/l	96
67) Ethyl Benzene	10.25	91	54450	1.368	ug/l	96
68) m/p-Xylenes	10.35	106	39345	2.613	ug/l	99
69) o-Xylene	10.70	106	46309	3.141	ug/l	99
73) Isopropylbenzene	11.01	105	9310	0.261	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	11628	0.391	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	33591	1.127	ug/l	94
95) Naphthalene	13.83	128	1855993	50.063	ug/l	99

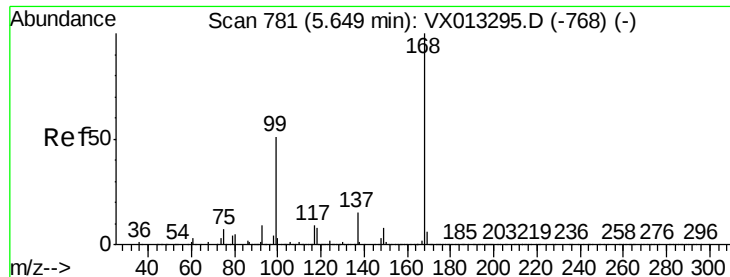
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013361.D

Acq: 08 Nov 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

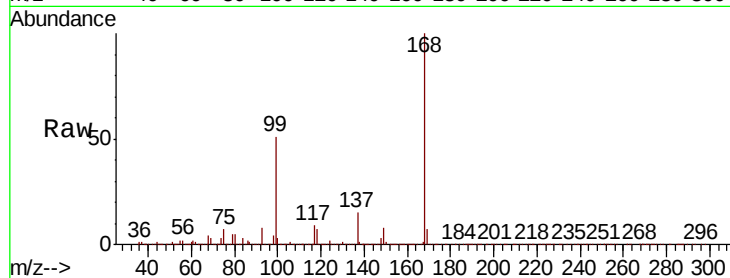
AOC-7-NORTH

Tot Ion:168 Resp: 808270

Ion Ratio Lower Upper

168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

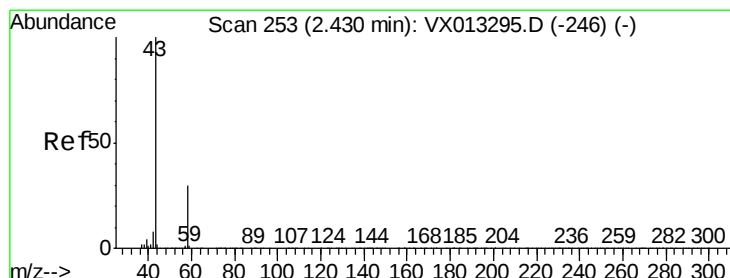
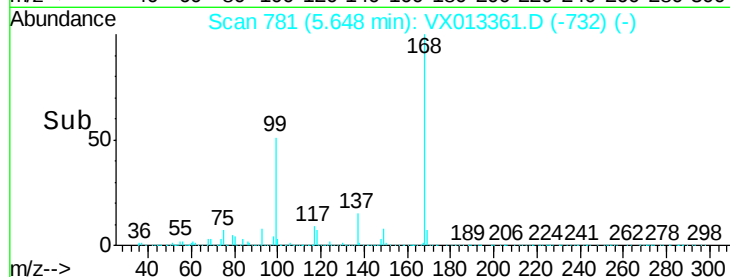
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.386 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013361.D

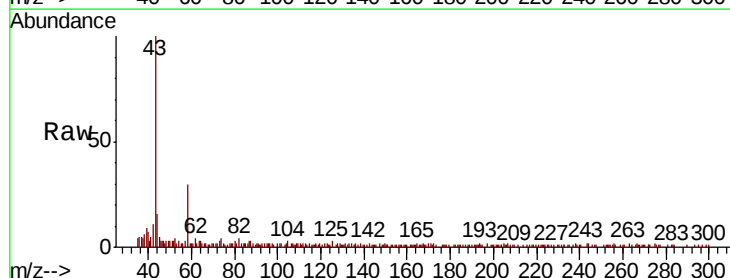
Acq: 08 Nov 2019 16:38

Tgt Ion: 43 Resp: 16170

Ion Ratio Lower Upper

43 100

58 27.3 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

12000

10000

8000

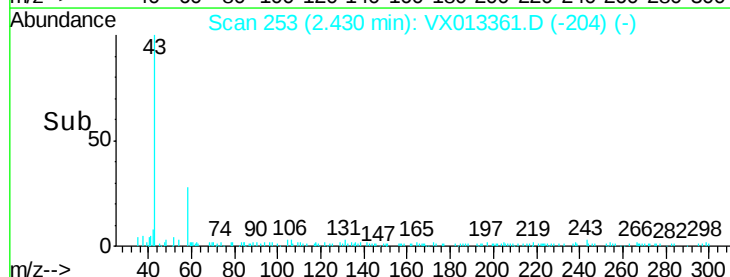
6000

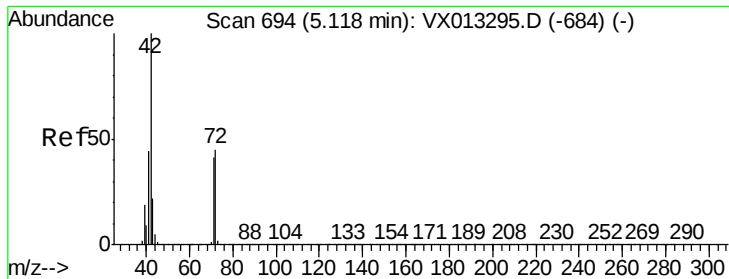
4000

2000

0

Time-->





#29

Tetrahydrofuran

Concen: 7.907 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX013361.D

Acq: 08 Nov 2019 16:38

Instrument :

MSVOA_X

ClientSampled :

AOC-7-NORTH

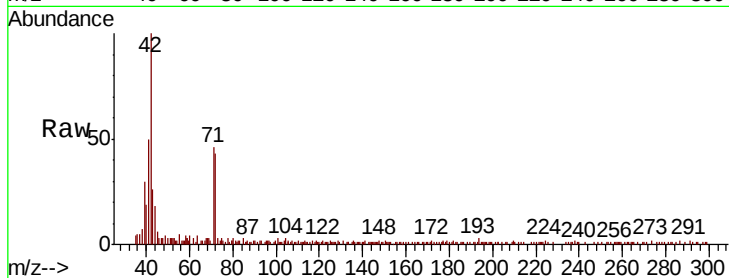
Tot Ion: 42 Resp: 34143

Ion Ratio Lower Upper

42 100

72 47.0 35.8 53.8

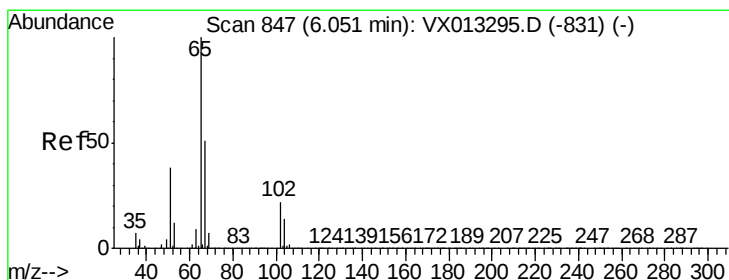
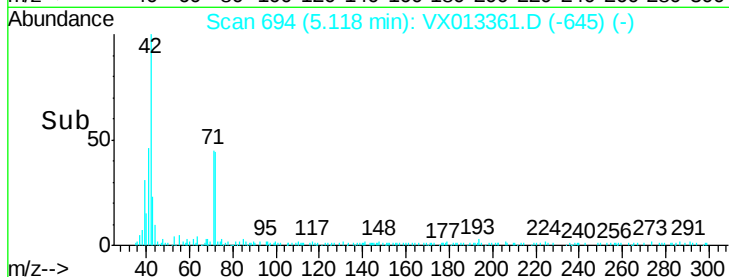
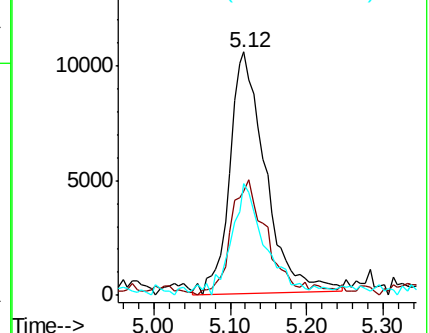
71 42.3 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.932 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013361.D

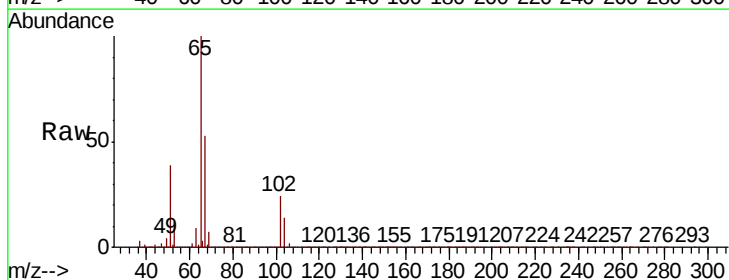
Acq: 08 Nov 2019 16:38

Tgt Ion: 65 Resp: 458977

Ion Ratio Lower Upper

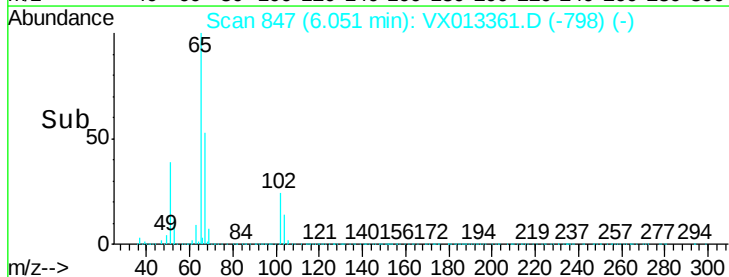
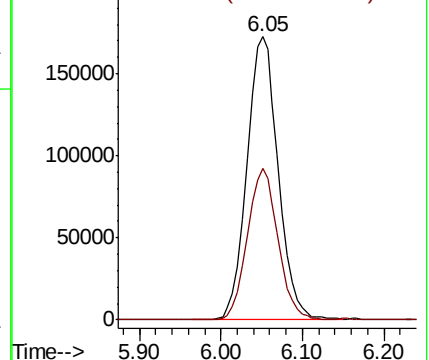
65 100

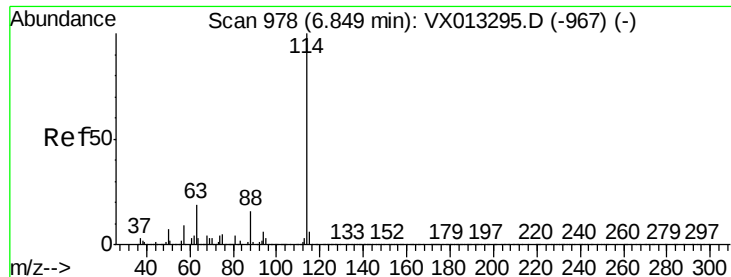
67 52.2 0.0 104.2



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013361.D

Acq: 08 Nov 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

AOC-7-NORTH

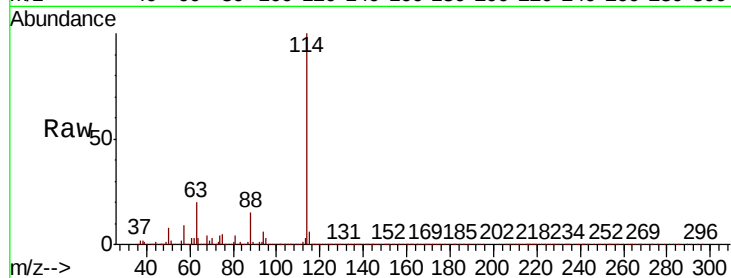
Tot Ion:114 Resp: 1259180

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

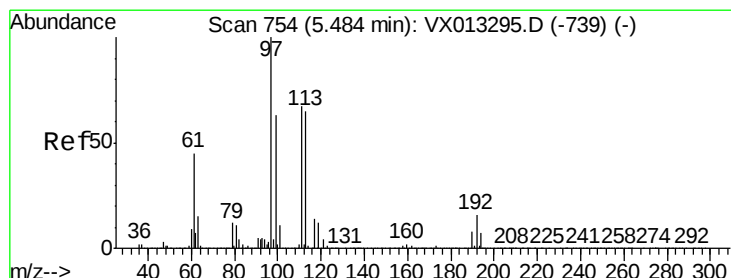
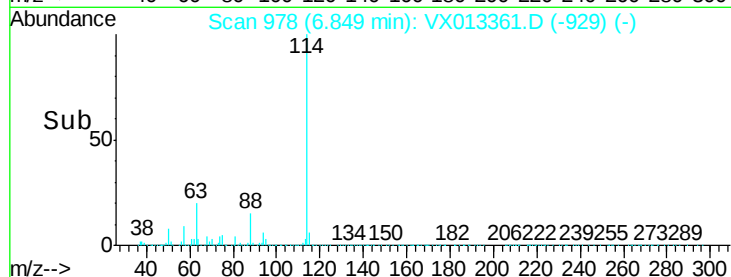
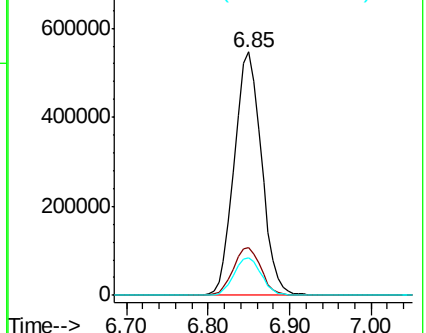
88 15.4 0.0 32.2



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: 47.692 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013361.D

Acq: 08 Nov 2019 16:38

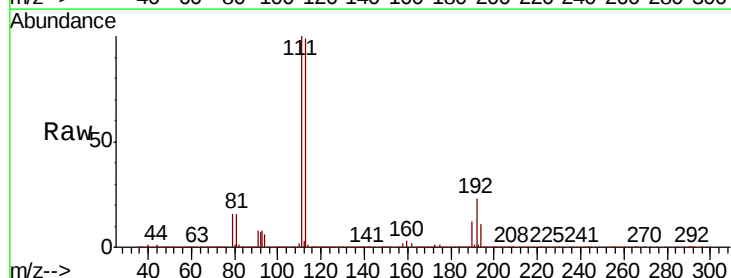
Tgt Ion:113 Resp: 376660

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

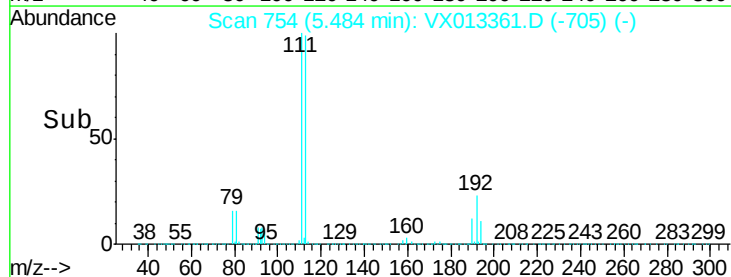
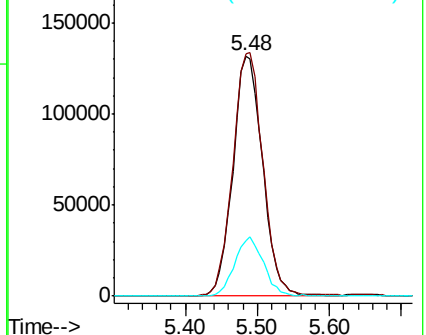
192 23.6 19.1 28.7

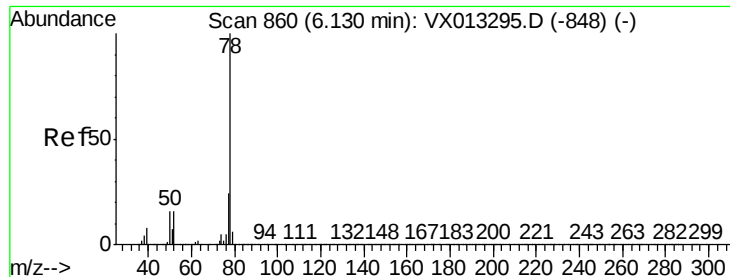


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 4.895 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX013361.D

Acq: 08 Nov 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

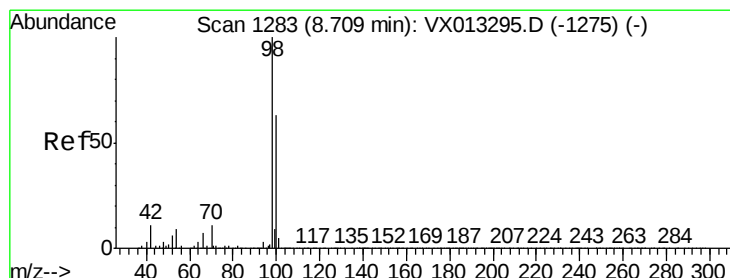
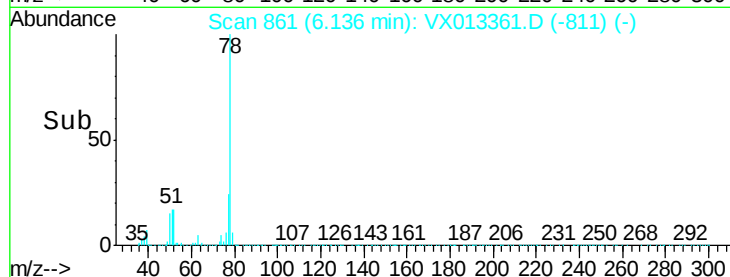
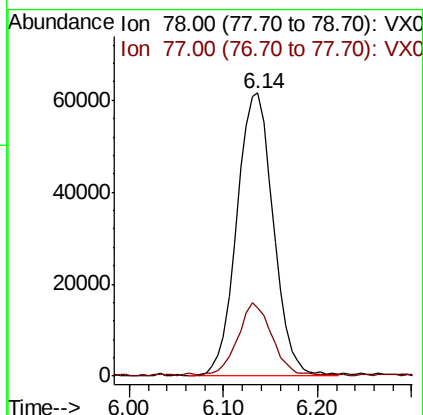
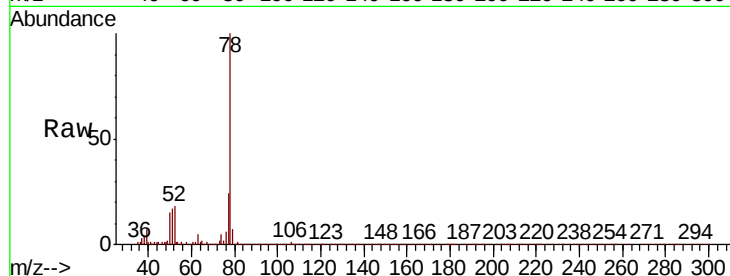
AOC-7-NORTH

Tot Ion: 78 Resp: 164717

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3



#50

Toluene-d8

Concen: 50.344 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013361.D

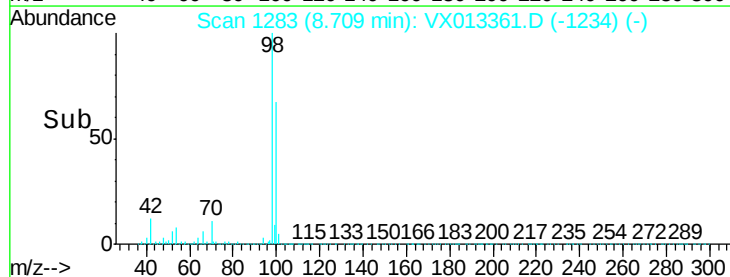
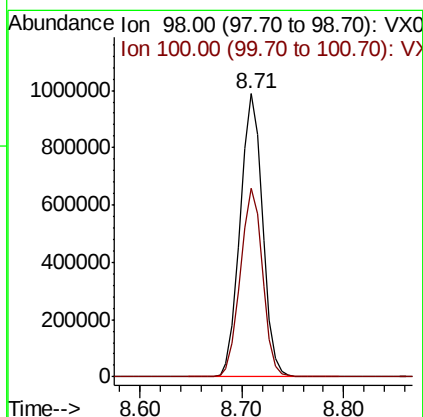
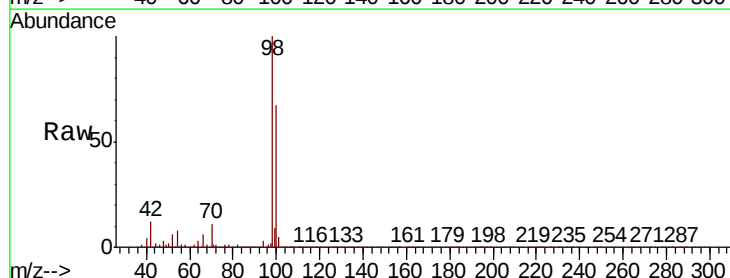
Acq: 08 Nov 2019 16:38

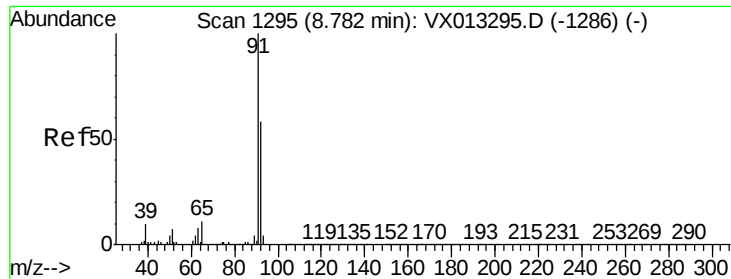
Tgt Ion: 98 Resp: 1498929

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2





#52

Toluene

Concen: 2.311 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013361.D

Acq: 08 Nov 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

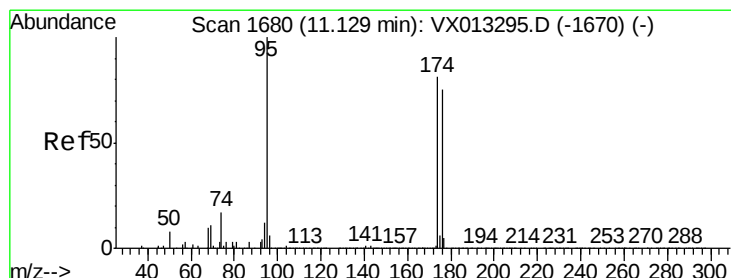
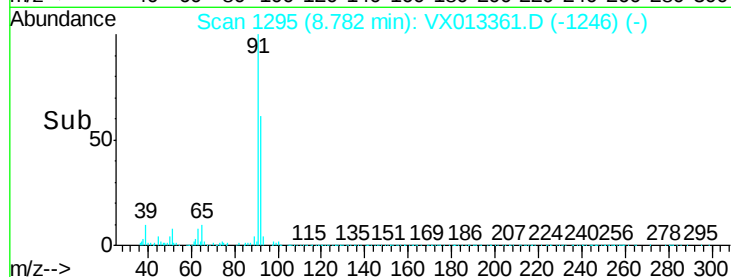
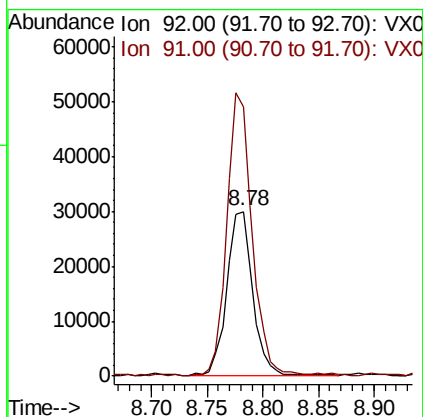
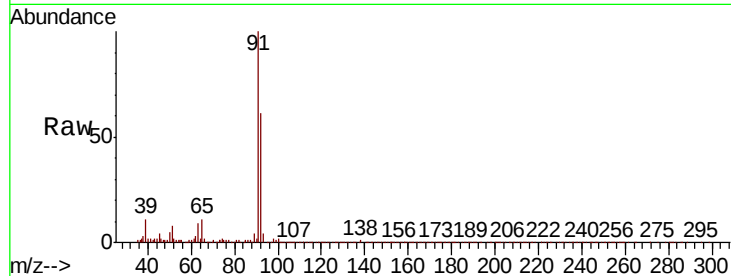
AOC-7-NORTH

Tot Ion: 92 Resp: 48199

Ion Ratio Lower Upper

92 100

91 166.3 138.0 207.0



#62

4-Bromofluorobenzene

Concen: 48.355 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013361.D

Acq: 08 Nov 2019 16:38

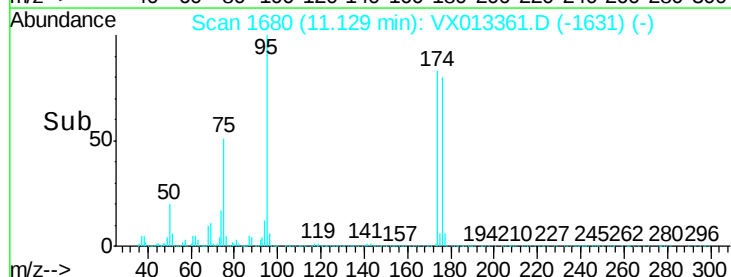
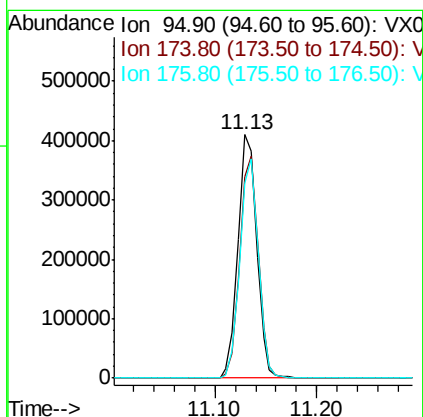
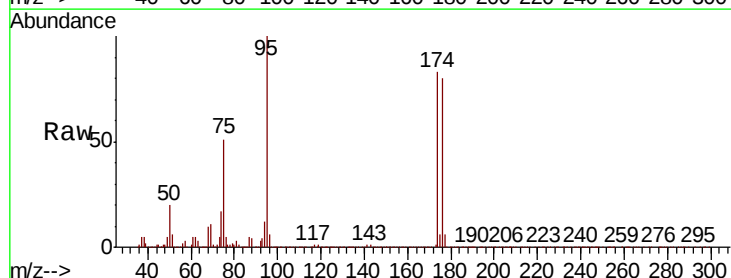
Tgt Ion: 95 Resp: 519596

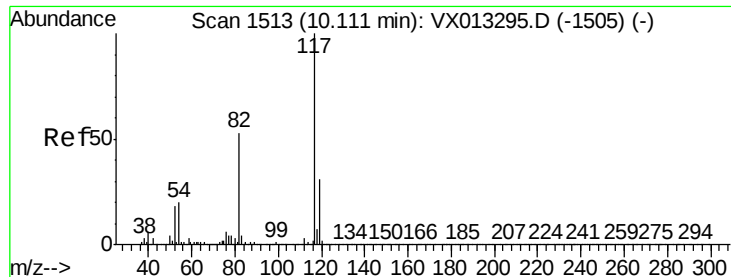
Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.8

176 88.4 0.0 173.0

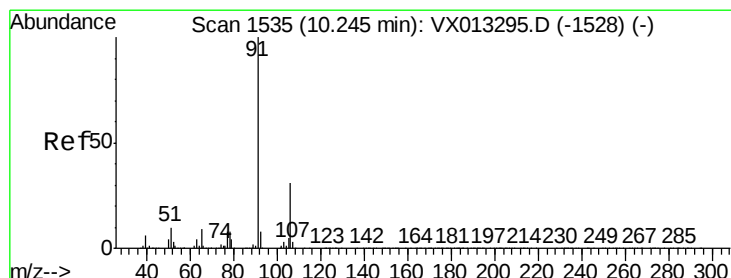
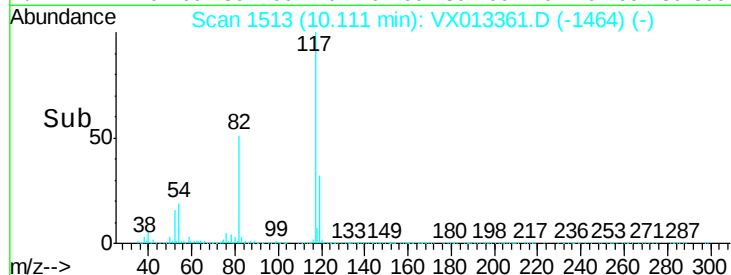
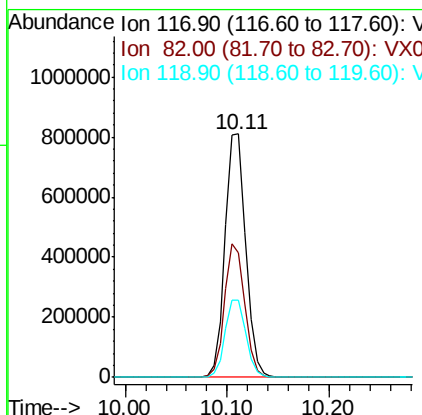
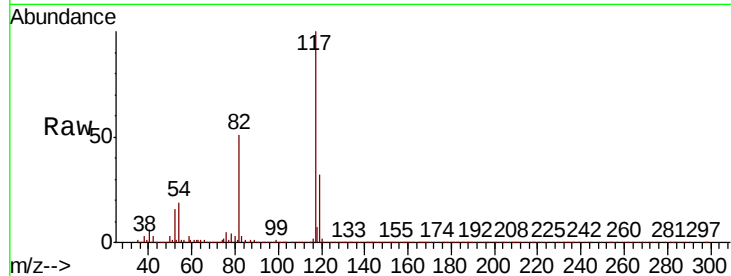




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013361.D
Acq: 08 Nov 2019 16:38

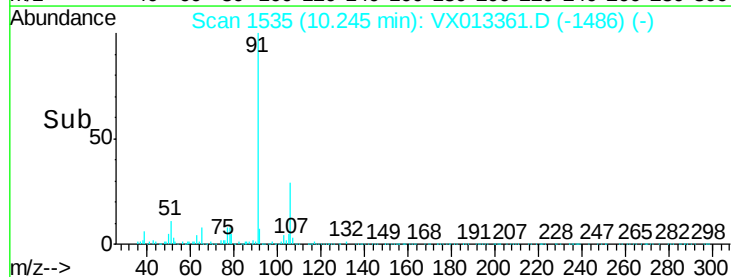
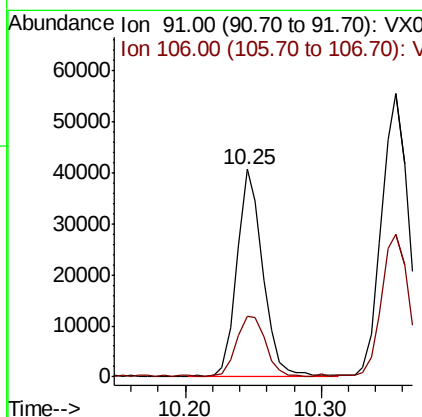
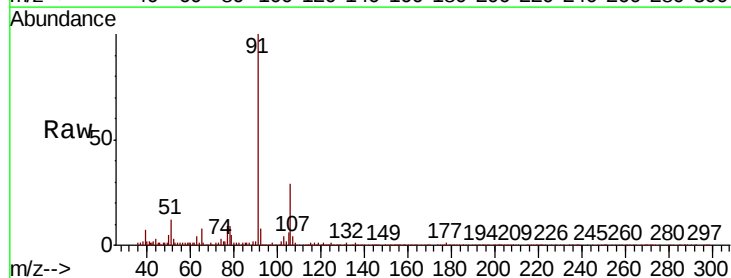
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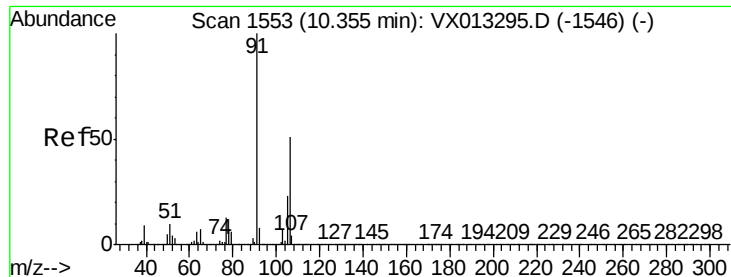
Tot Ion:117 Resp: 1139508
Ion Ratio Lower Upper
117 100
82 51.0 42.6 64.0
119 31.7 24.8 37.2



#67
Ethyl Benzene
Concen: 1.368 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013361.D
Acq: 08 Nov 2019 16:38

Tgt Ion: 91 Resp: 54450
Ion Ratio Lower Upper
91 100
106 28.7 24.6 36.8

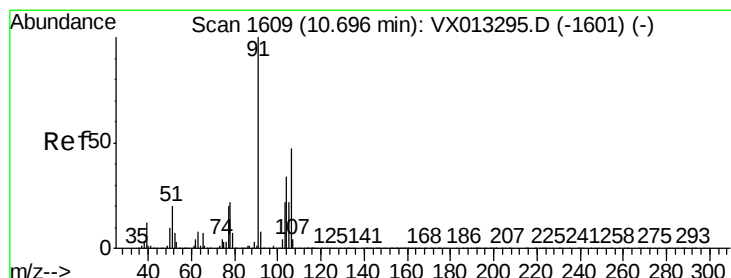
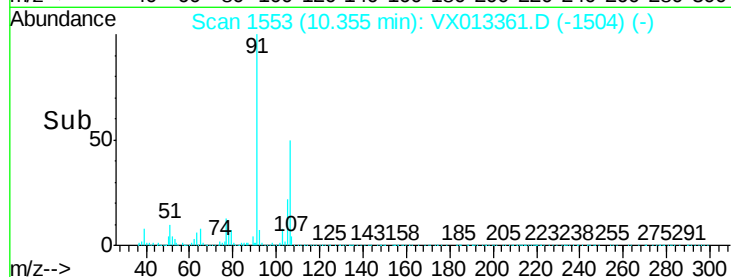
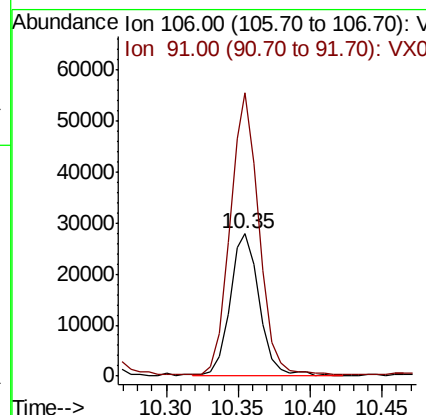
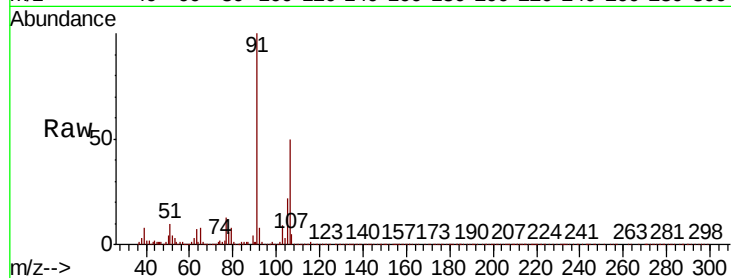




#68
m/p-Xylenes
Concen: 2.613 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013361.D
Acq: 08 Nov 2019 16:38

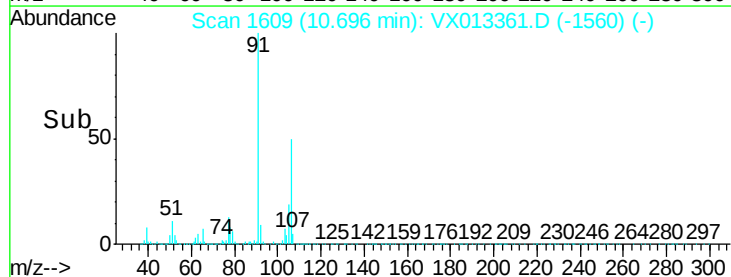
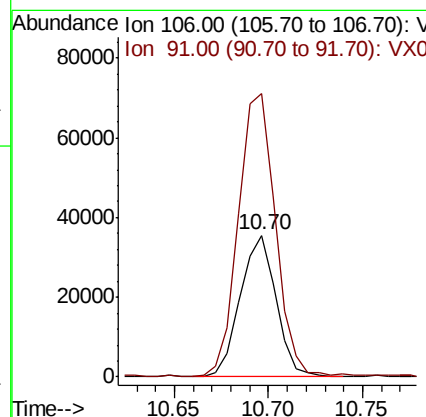
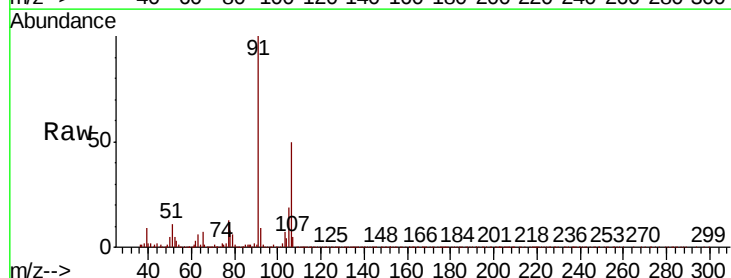
Instrument :
MSVOA_X
ClientSampleId :
AOC-7-NORTH

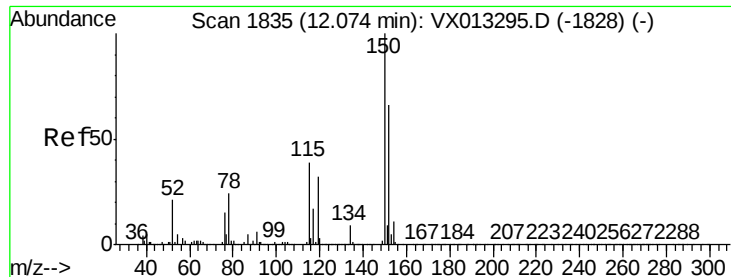
Tot Ion:106 Resp: 39345
Ion Ratio Lower Upper
106 100
91 197.2 159.3 238.9



#69
o-Xylene
Concen: 3.141 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013361.D
Acq: 08 Nov 2019 16:38

Tgt Ion:106 Resp: 46309
Ion Ratio Lower Upper
106 100
91 210.4 105.7 317.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013361.D

Acq: 08 Nov 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

AOC-7-NORTH

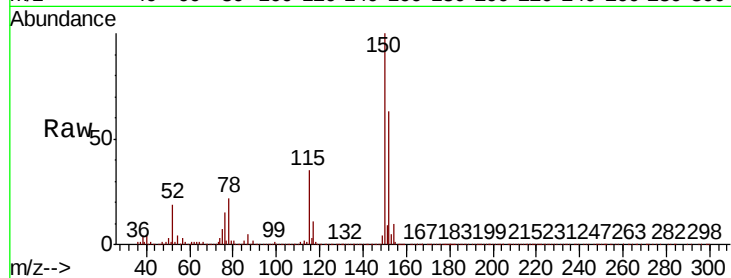
Tot Ion:152 Resp: 537882

Ion Ratio Lower Upper

152 100

115 56.3 39.5 118.3

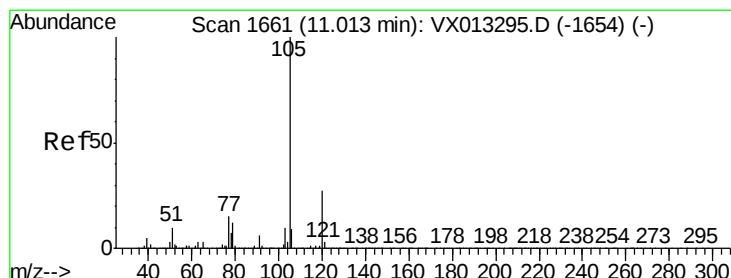
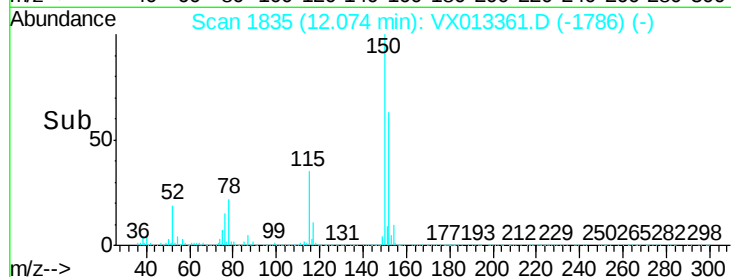
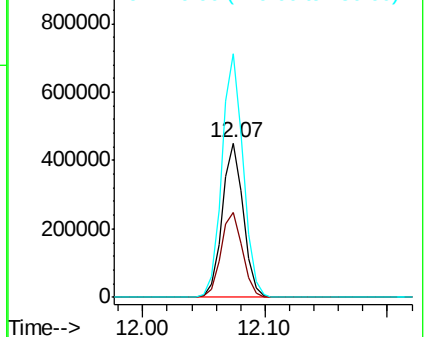
150 158.9 0.0 344.4



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: 0.261 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013361.D

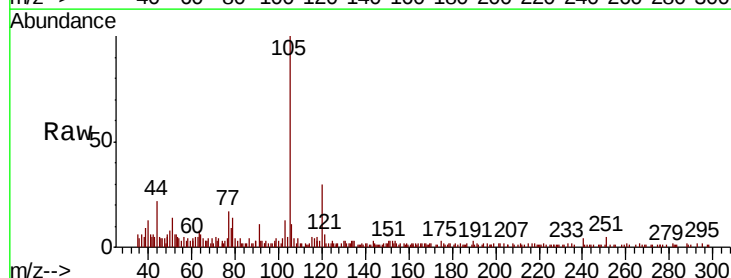
Acq: 08 Nov 2019 16:38

Tgt Ion:105 Resp: 9310

Ion Ratio Lower Upper

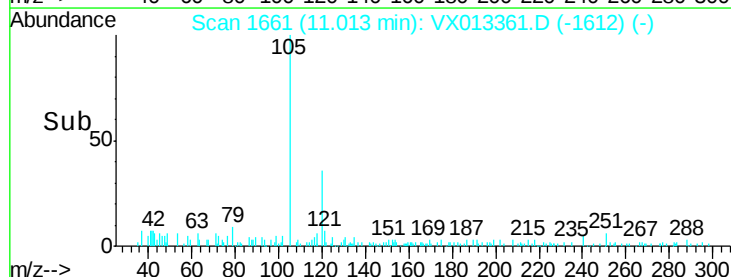
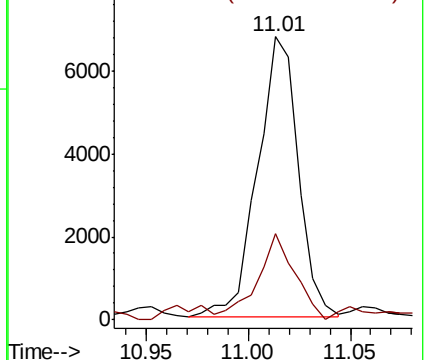
105 100

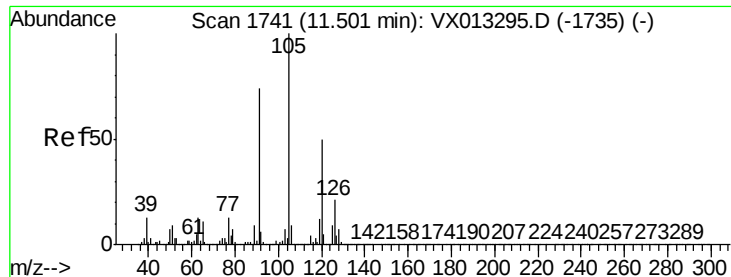
120 28.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

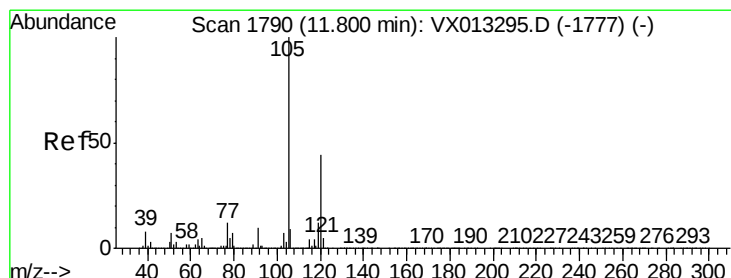
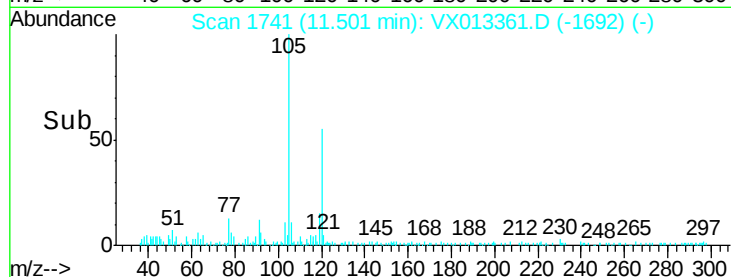
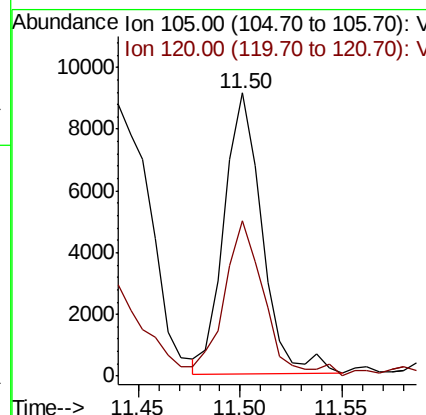
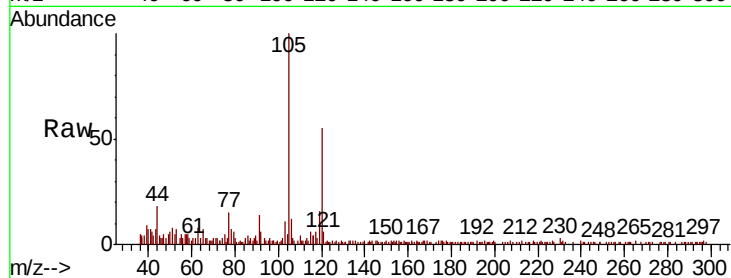




#80
 1,3,5-Trimethylbenzene
 Concen: 0.391 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013361.D
 Acq: 08 Nov 2019 16:38

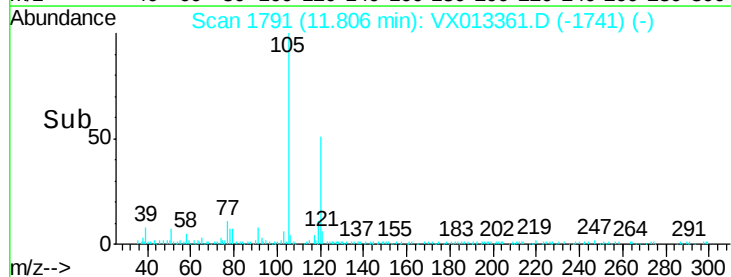
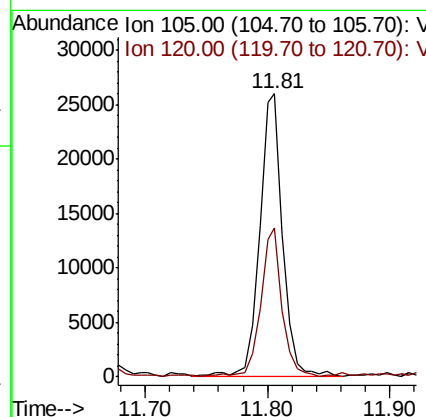
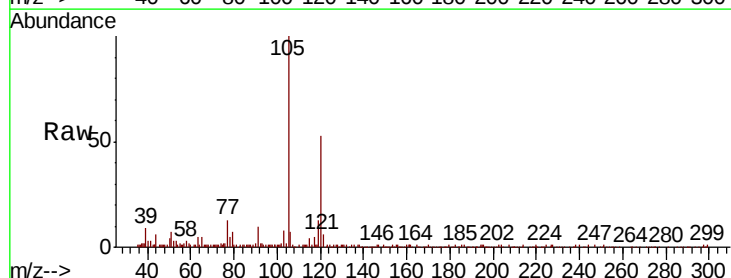
Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-7-NORTH

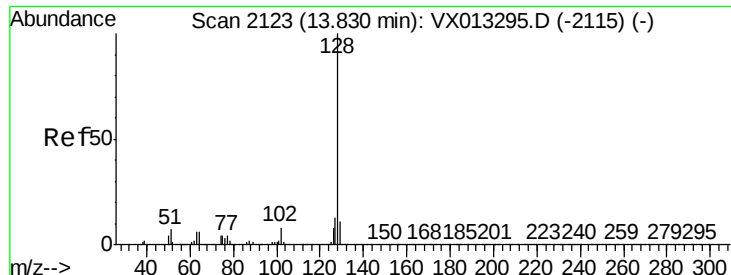
Tot Ion:105 Resp: 11628
 Ion Ratio Lower Upper
 105 100
 120 55.4 24.9 74.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.127 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013361.D
 Acq: 08 Nov 2019 16:38

Tgt Ion:105 Resp: 33591
 Ion Ratio Lower Upper
 105 100
 120 49.2 22.7 68.1





#95

Naphthalene

Concen: 50.063 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013361.D

Acq: 08 Nov 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

AOC-7-NORTH

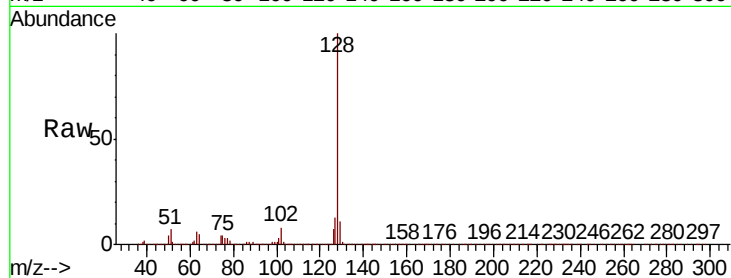
Tot Ion:128 Resp: 1855993

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.0 8.5 12.7



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

