

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014240.D
 Acq On : 24 Dec 2019 13:19
 Operator : JC/SP
 Sample : K6401-04 20X
 Misc : 4.58g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B38

Quant Time: Dec 25 06:55:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

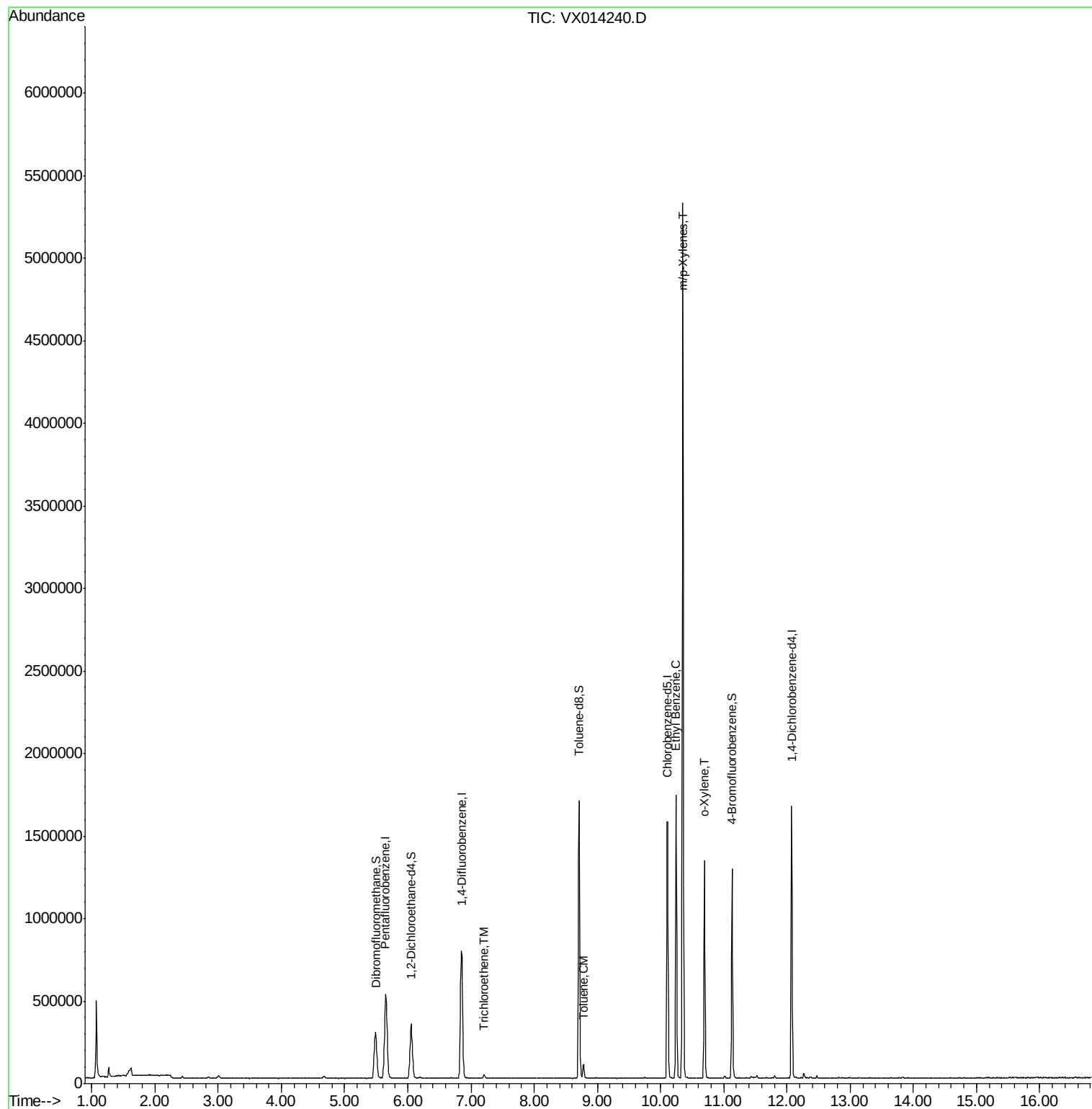
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	531557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	818274	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	749098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	343261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	299505	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
35) Dibromofluoromethane	5.49	113	242985	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	8.71	98	976045	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	343680	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
Target Compounds						
44) Trichloroethene	7.21	130	9616	1.507	ug/l	90
52) Toluene	8.78	92	32566	2.230	ug/l	100
67) Ethyl Benzene	10.25	91	987033	36.045	ug/l	100
68) m/p-Xylenes	10.36	106	1279261	121.464	ug/l	100
69) o-Xylene	10.70	106	298562	28.904	ug/l	98

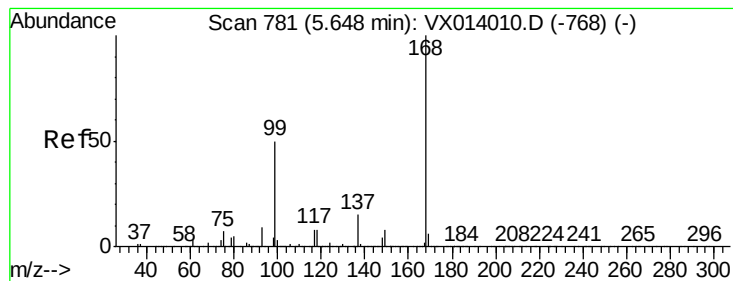
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 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: VX014240.D

Acq: 24 Dec 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

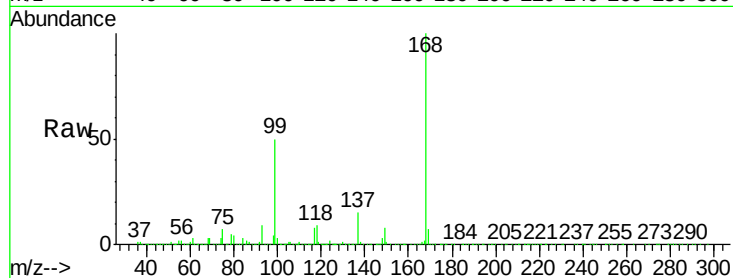
C0B38

Tot Ion:168 Resp: 531557

Ion Ratio Lower Upper

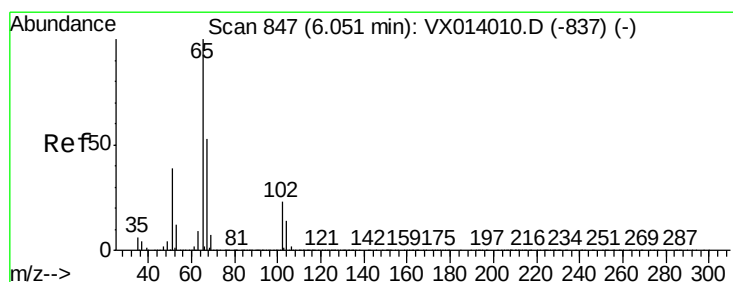
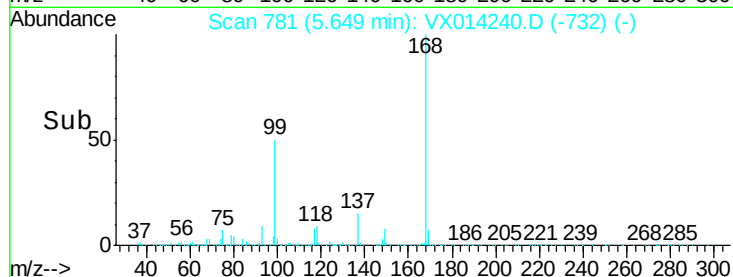
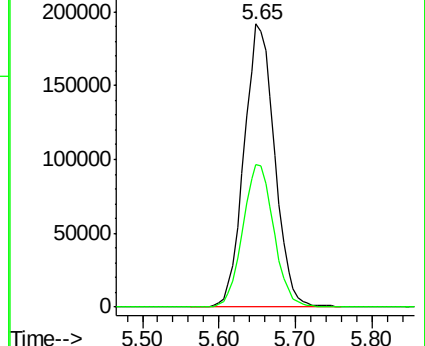
168 100

99 50.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.715 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014240.D

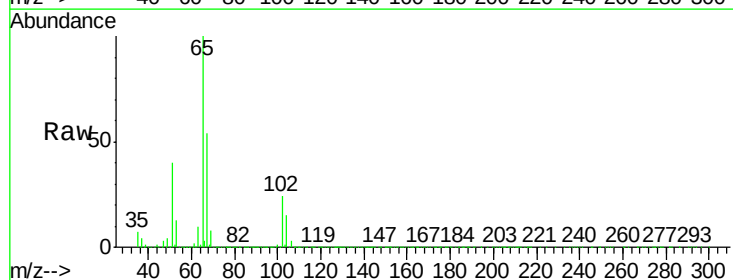
Acq: 24 Dec 2019 13:19

Tgt Ion: 65 Resp: 299505

Ion Ratio Lower Upper

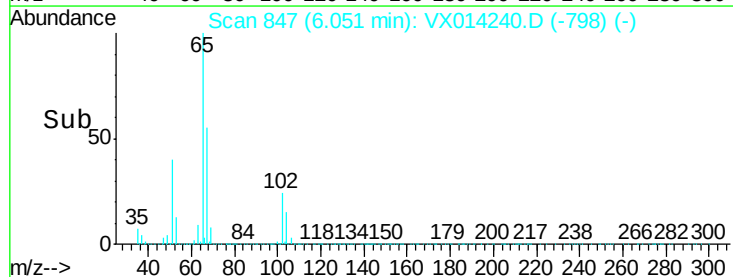
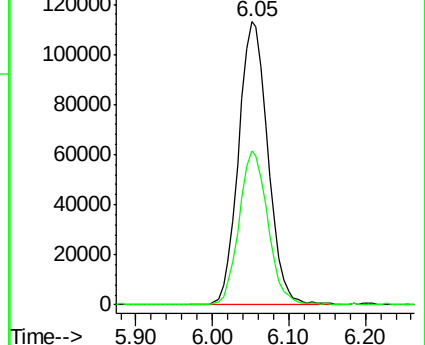
65 100

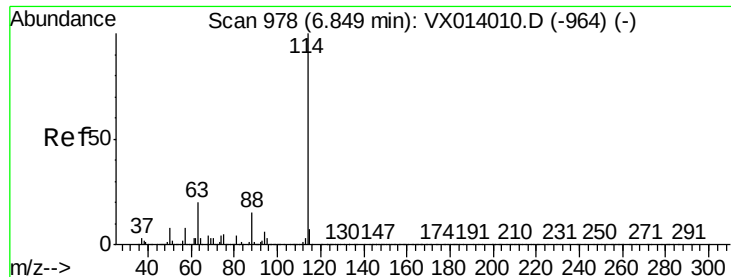
67 53.5 0.0 106.4



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: VX014240.D

Acq: 24 Dec 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

C0B38

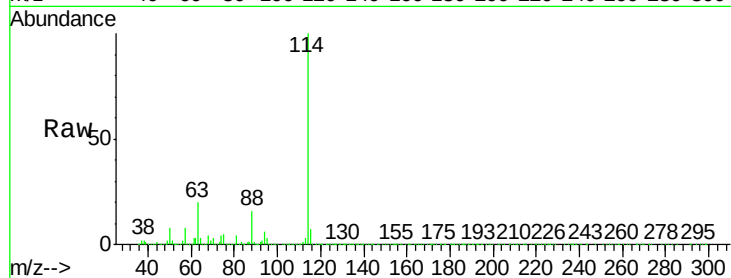
Tot Ion:114 Resp: 818274

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

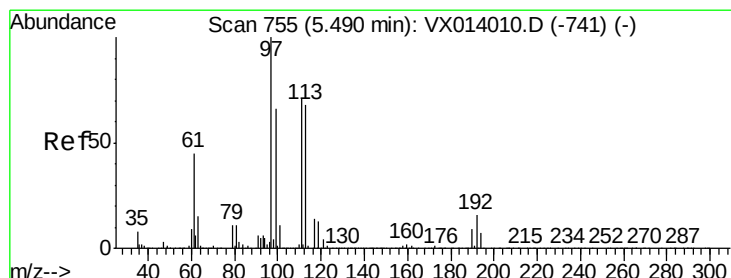
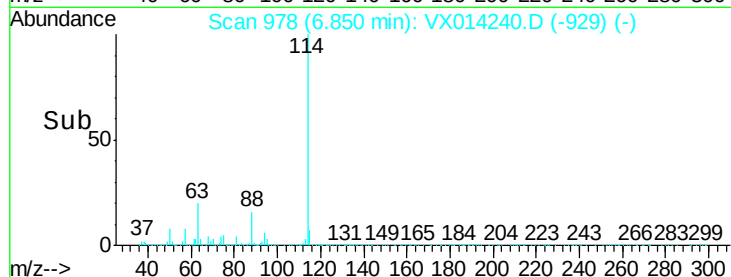
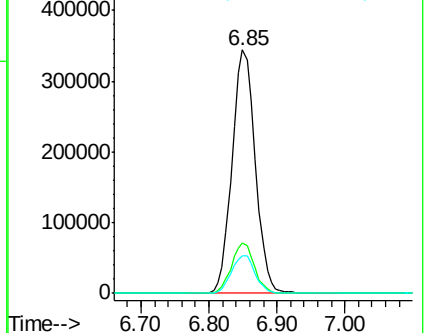
88 15.6 0.0 30.4



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: 48.849 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014240.D

Acq: 24 Dec 2019 13:19

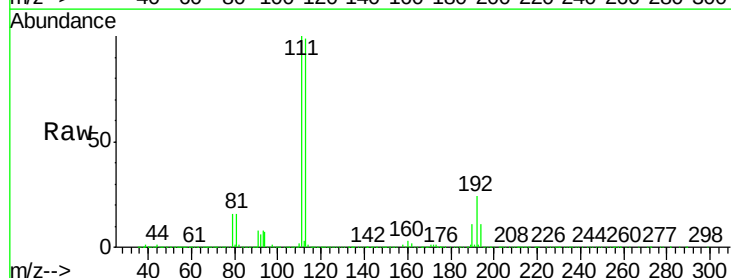
Tgt Ion:113 Resp: 242985

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

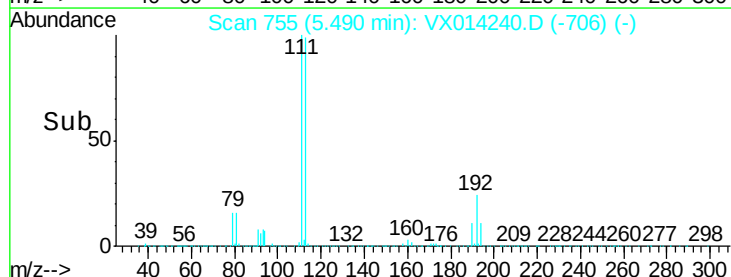
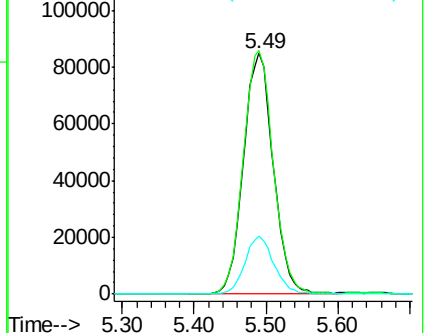
192 23.5 19.3 28.9

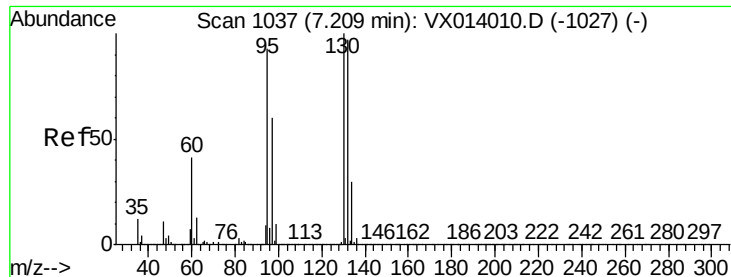


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.507 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014240.D

Acq: 24 Dec 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

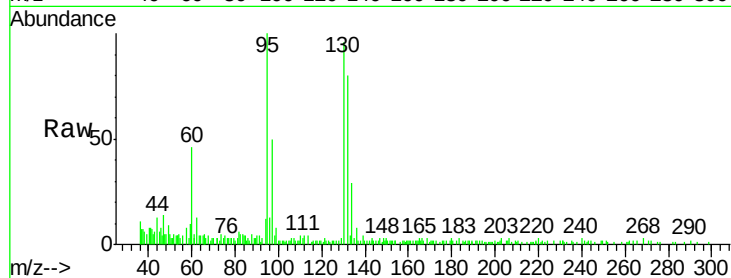
C0B38

Tot Ion:130 Resp: 9616

Ion Ratio Lower Upper

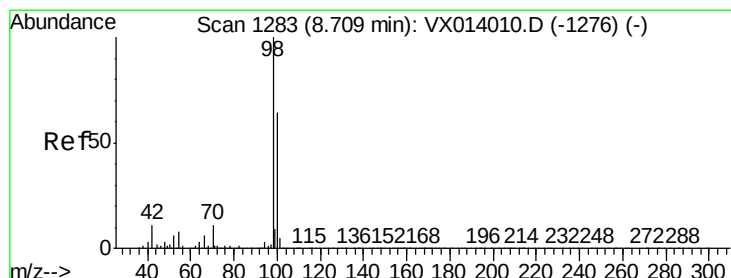
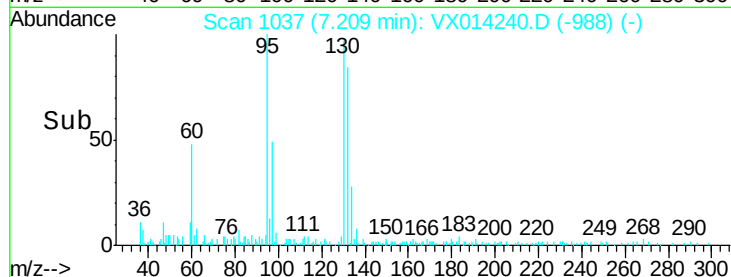
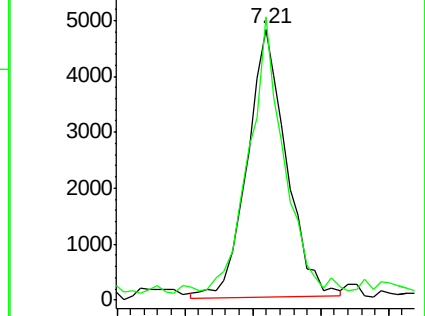
130 100

95 102.4 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.400 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014240.D

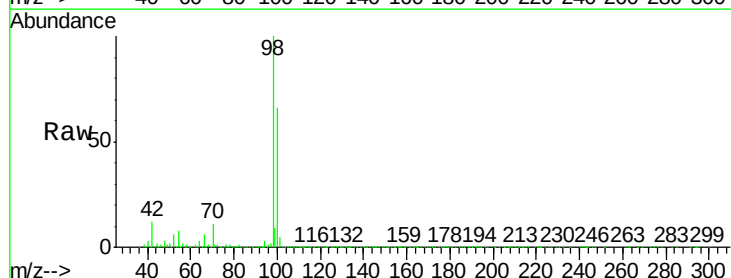
Acq: 24 Dec 2019 13:19

Tgt Ion: 98 Resp: 976045

Ion Ratio Lower Upper

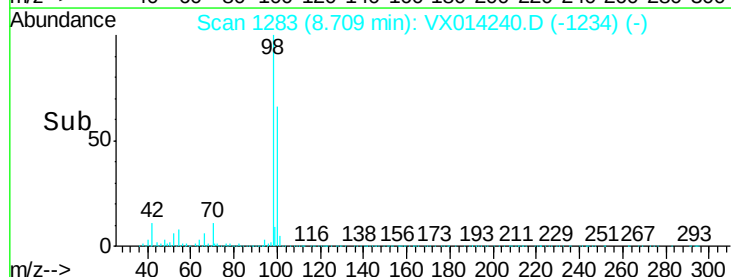
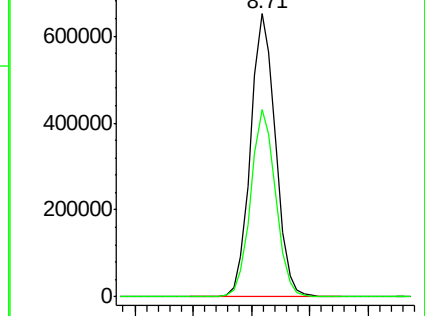
98 100

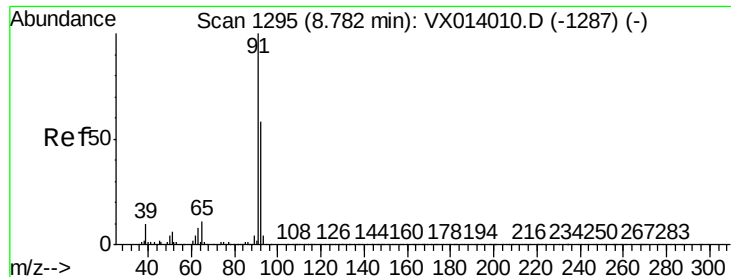
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 2.230 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014240.D

Acq: 24 Dec 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

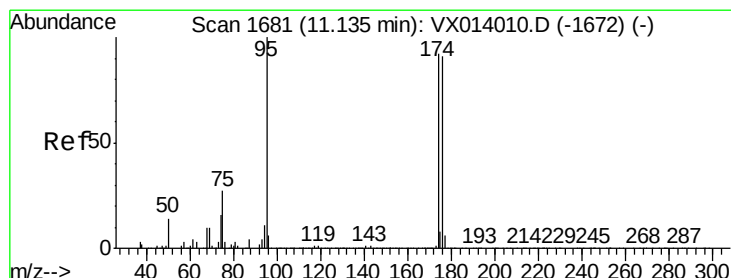
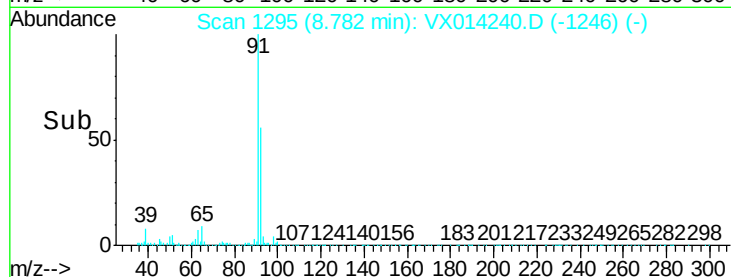
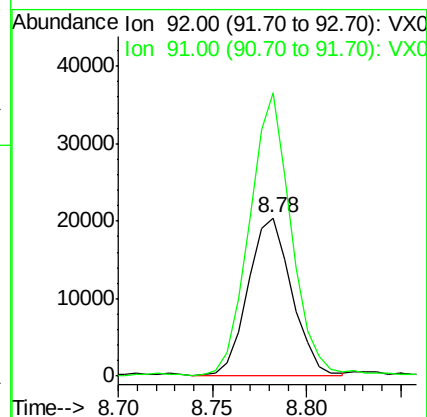
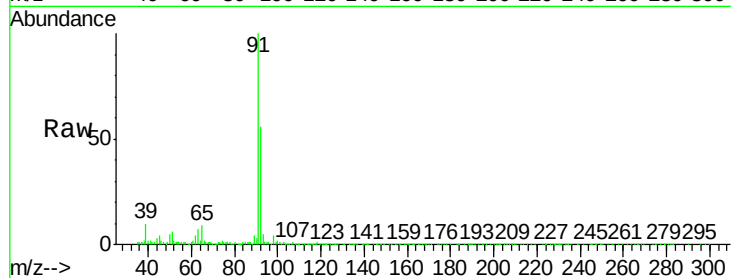
C0B38

Tot Ion: 92 Resp: 32566

Ion Ratio Lower Upper

92 100

91 170.9 136.2 204.4



#62

4-Bromofluorobenzene

Concen: 48.549 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014240.D

Acq: 24 Dec 2019 13:19

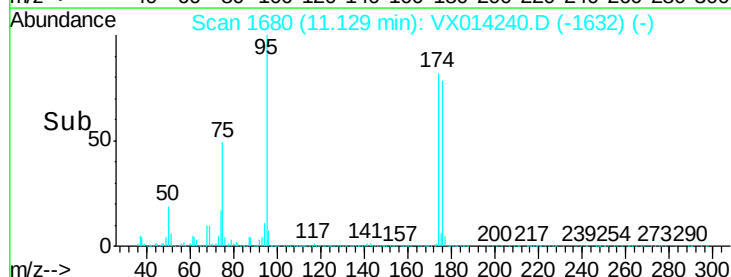
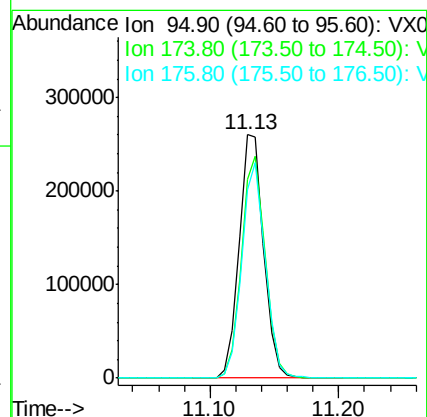
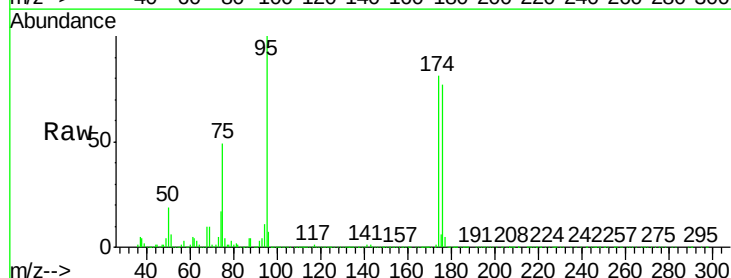
Tgt Ion: 95 Resp: 343680

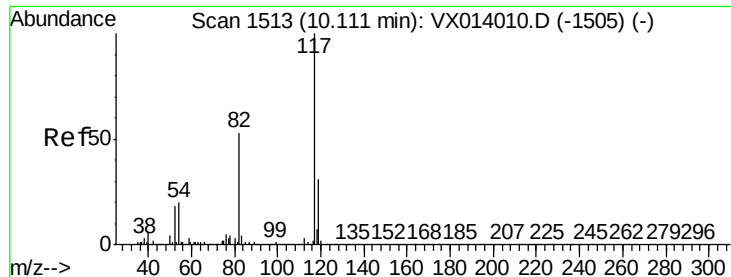
Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.8

176 85.4 0.0 173.0

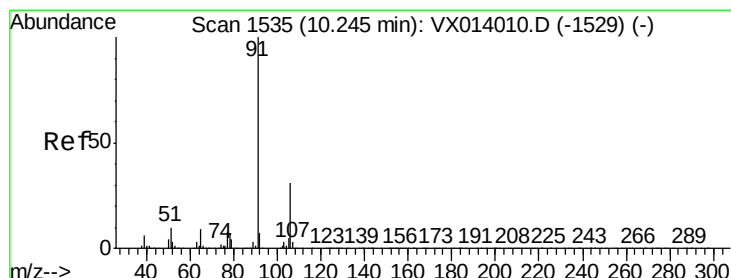
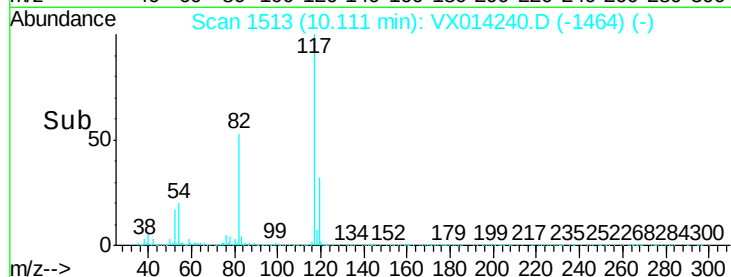
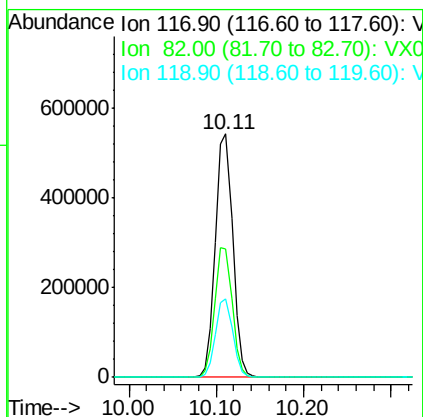
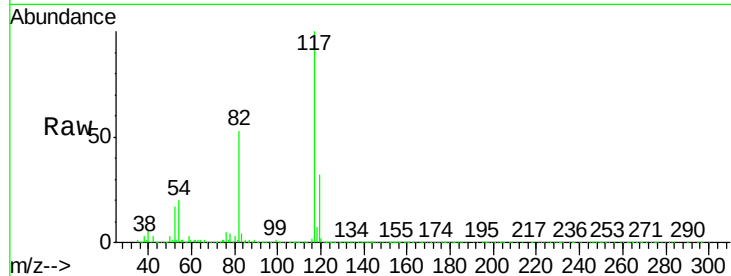




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014240.D
Acq: 24 Dec 2019 13:19

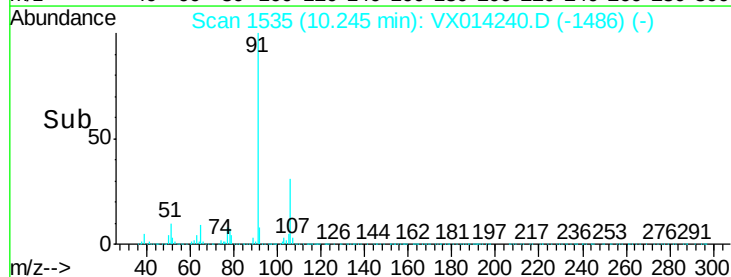
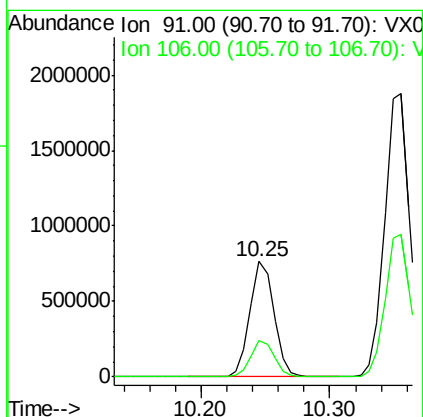
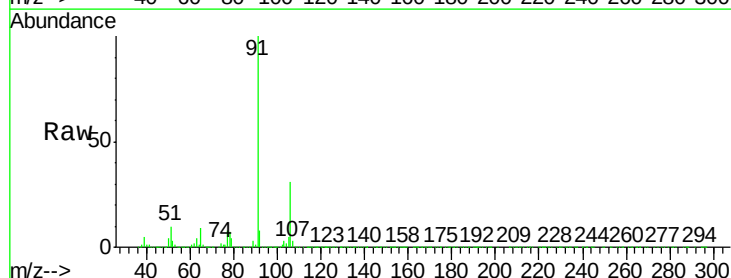
Instrument :
MSVOA_X
ClientSampleId :
C0B38

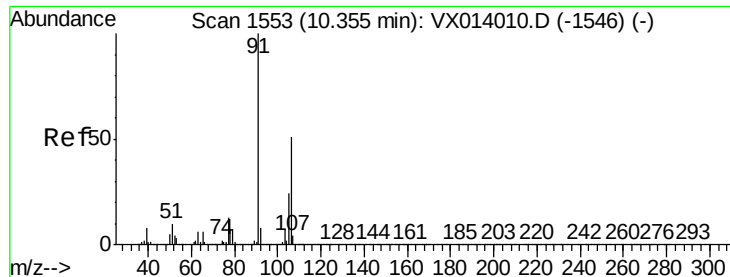
Tot Ion:117 Resp: 749098
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.4
119 32.1 25.1 37.7



#67
Ethyl Benzene
Concen: 36.045 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014240.D
Acq: 24 Dec 2019 13:19

Tgt Ion: 91 Resp: 987033
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6





#68

m/p-Xylenes

Concen: 121.464 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014240.D

Acq: 24 Dec 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

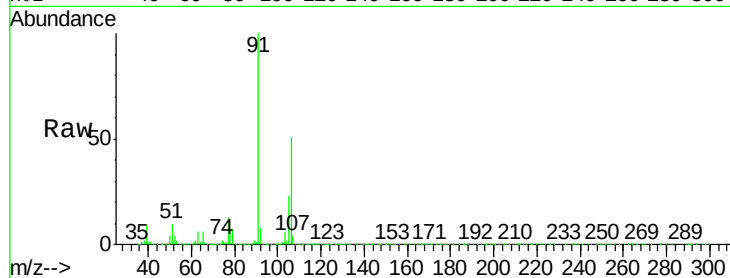
C0B38

Tot Ion:106 Resp: 1279261

Ion Ratio Lower Upper

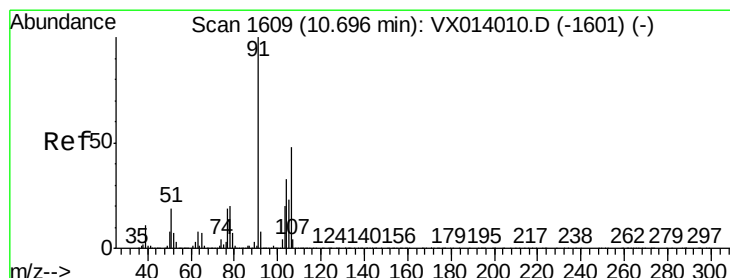
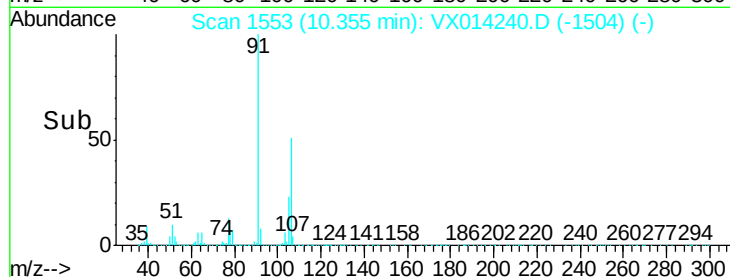
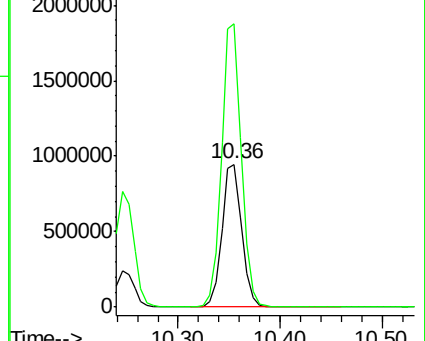
106 100

91 198.3 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 28.904 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014240.D

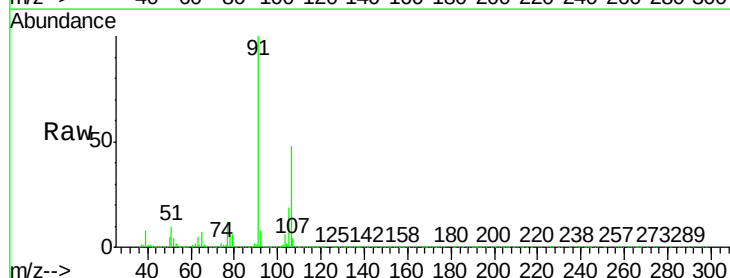
Acq: 24 Dec 2019 13:19

Tgt Ion:106 Resp: 298562

Ion Ratio Lower Upper

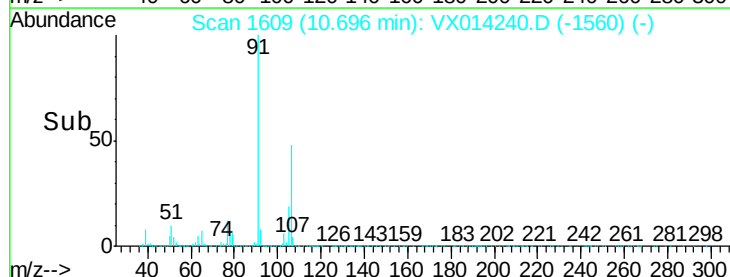
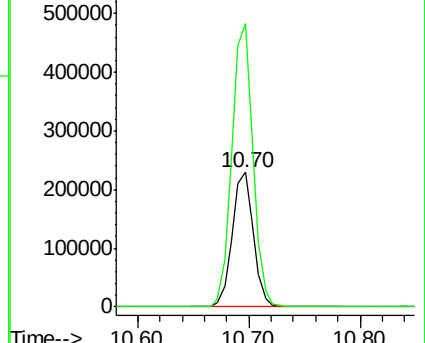
106 100

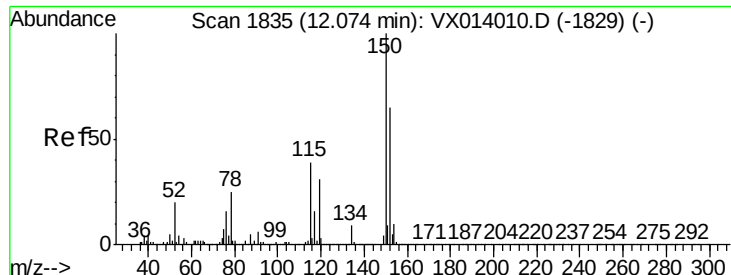
91 211.5 104.2 312.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014240.D

Acq: 24 Dec 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

C0B38

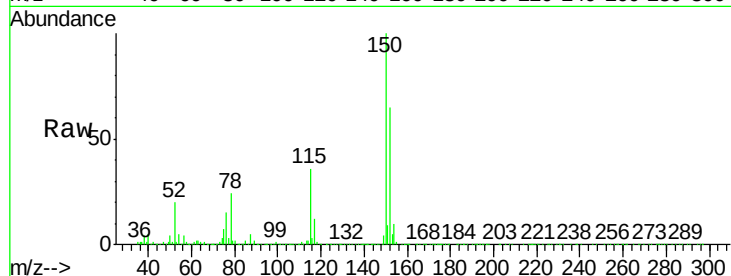
Tot Ion:152 Resp: 343261

Ion Ratio Lower Upper

152 100

115 55.6 38.3 114.9

150 156.0 0.0 345.4



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

