

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\
 Data File : VX013443.D
 Acq On : 15 Nov 2019 14:03
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 15 23:01:44 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	708507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1135787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1009243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	460901	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	410129	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
35) Dibromofluoromethane	5.49	113	344878	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
50) Toluene-d8	8.71	98	1360852	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.14	95	454798	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	

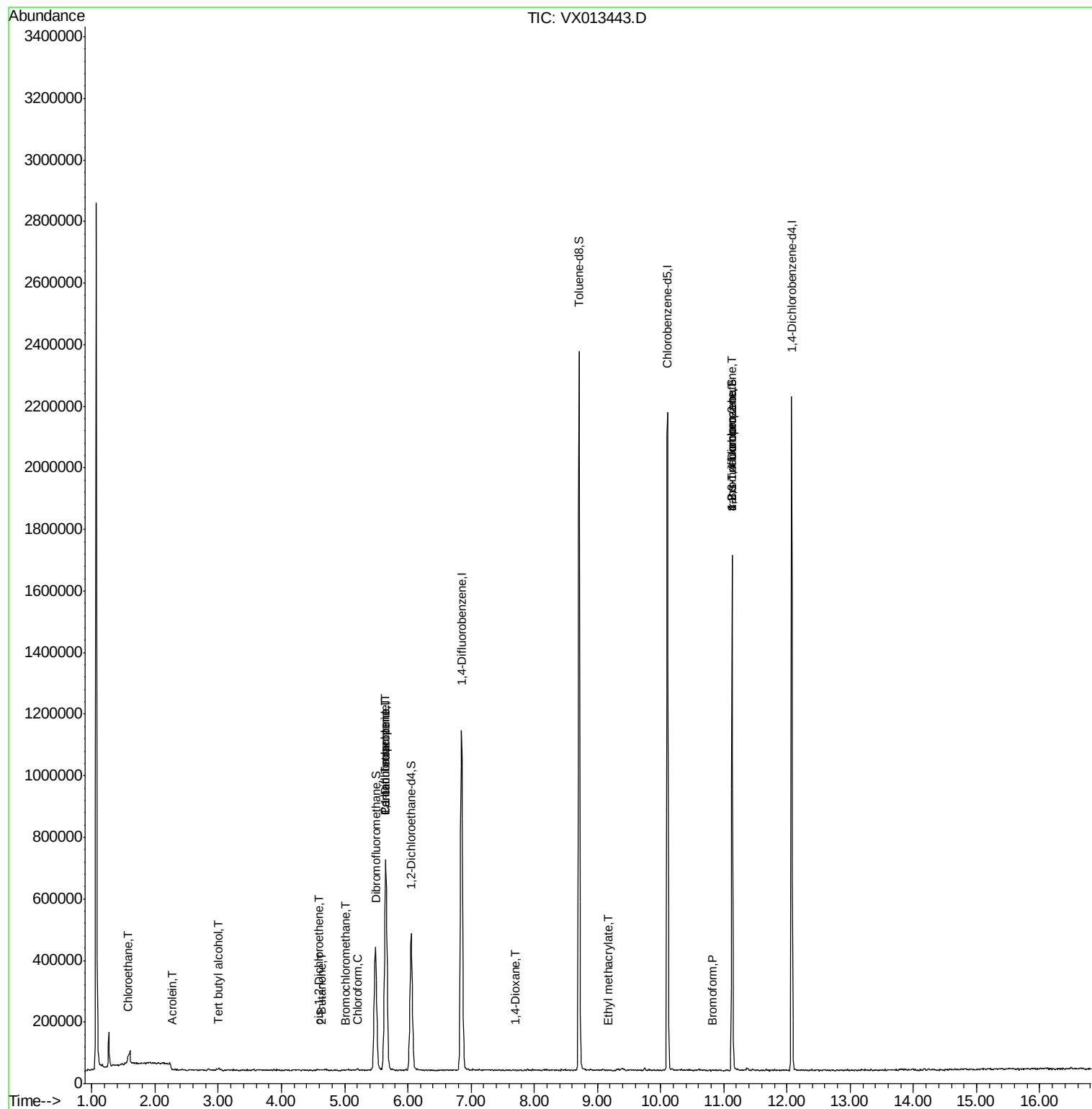
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.57	64	10174	0.589	ug/l #	43
11) Tert butyl alcohol	3.00	59	5282	2.388	ug/l #	90
13) Acrolein	2.28	56	302	0.252	ug/l #	1
25) 2-Butanone	4.63	43	1288	0.210	ug/l #	64
27) cis-1,2-Dichloroethene	4.59	96	1670	0.211	ug/l	75
28) Bromochloromethane	5.02	49	1748	0.483	ug/l #	31
30) Chloroform	5.20	83	6490	0.515	ug/l	91
36) 1,1-Dichloropropene	5.65	75	47955	4.922	ug/l #	51
38) Carbon Tetrachloride	5.65	117	60531	6.353	ug/l #	16
49) 1,4-Dioxane	7.71	88	460	2.146	ug/l #	22
56) Ethyl methacrylate	9.16	69	694	1.614	ug/l #	59
71) Bromoform	10.83	173	397	3.256	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	220259	23.528	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	220259	60.561	ug/l #	9

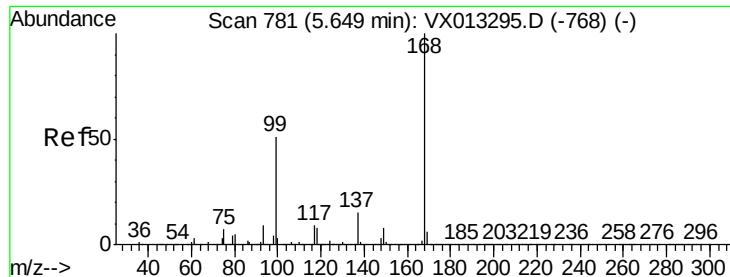
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111519\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampled :

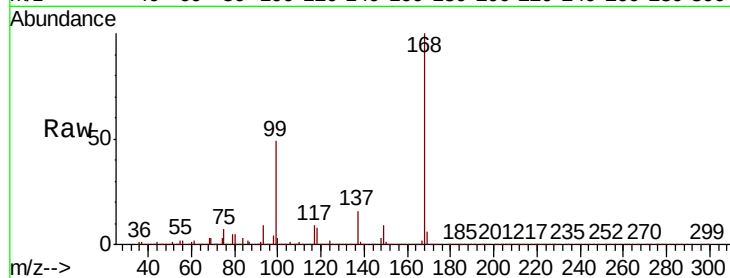
IBLK

Tot Ion:168 Resp: 708507

Ion Ratio Lower Upper

168 100

99 48.8 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

250000

200000

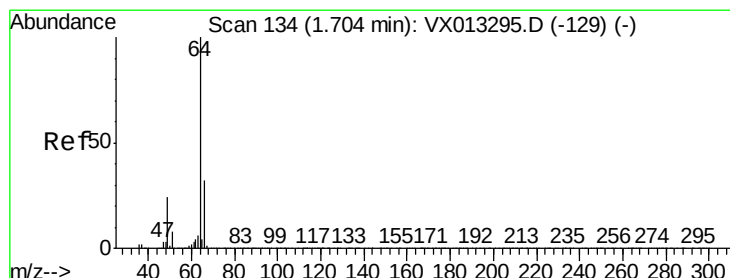
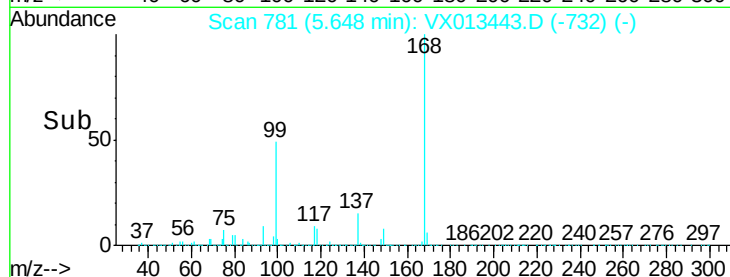
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.589 ug/l

RT: 1.57 min Scan# 112

Delta R.T. -0.13 min

Lab File: VX013443.D

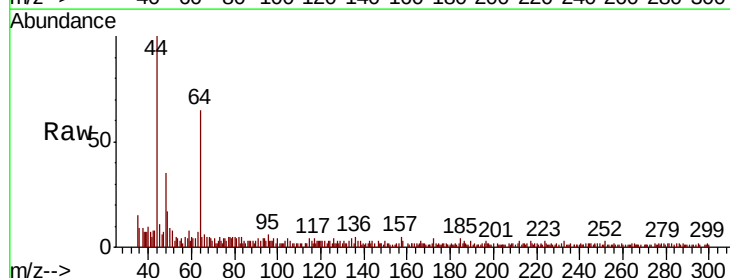
Acq: 15 Nov 2019 14:03

Tgt Ion: 64 Resp: 10174

Ion Ratio Lower Upper

64 100

66 0.2 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.57

6000

5000

4000

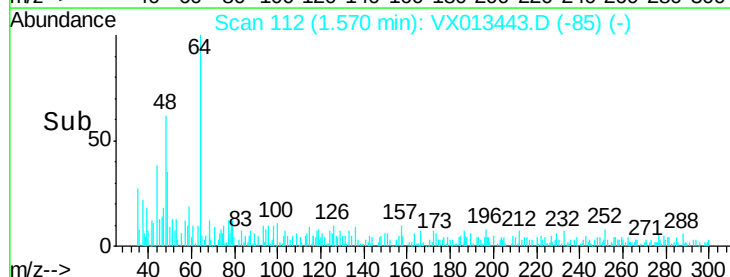
3000

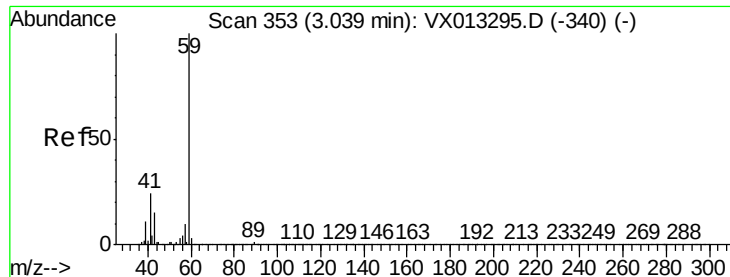
2000

1000

0

Time-->



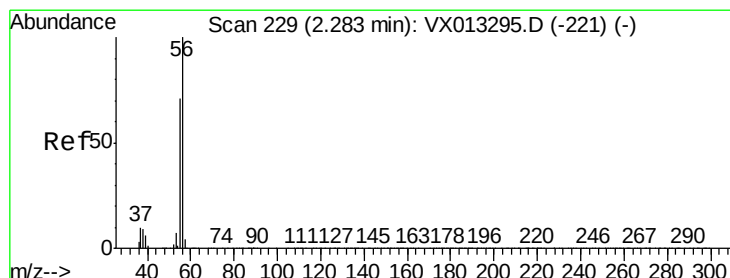
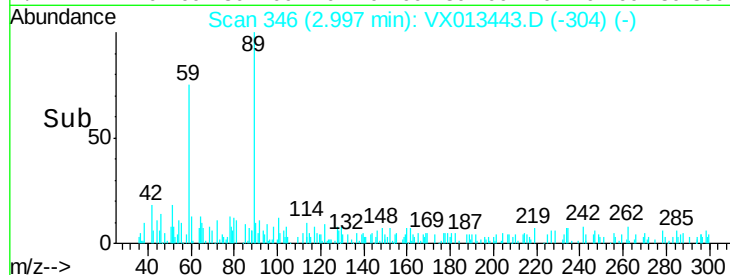
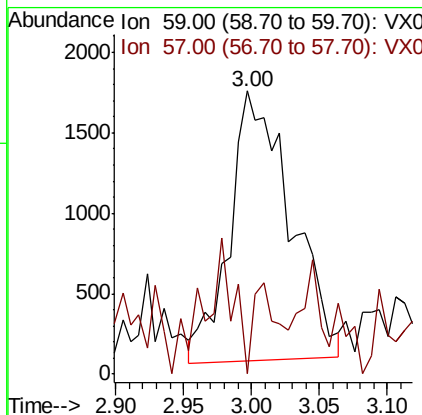
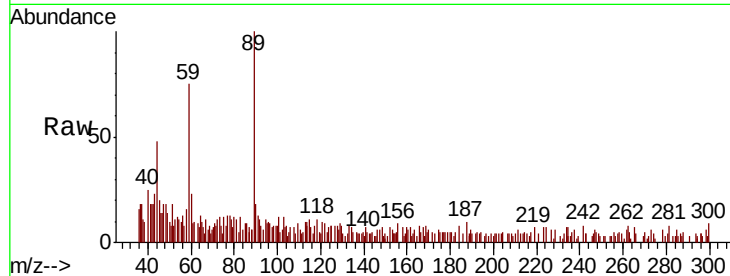


#11

Tert butyl alcohol
 Concen: 2.388 ug/l
 RT: 3.00 min Scan# 346
 Delta R.T. -0.04 min
 Lab File: VX013443.D
 Acq: 15 Nov 2019 14:03

Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

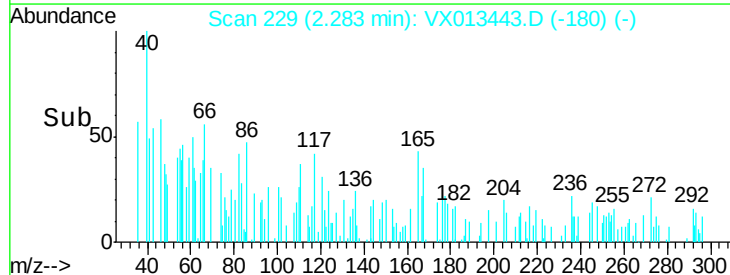
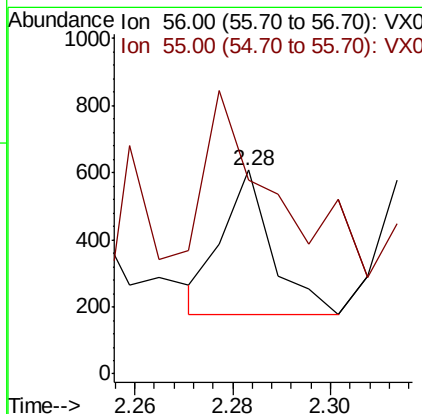
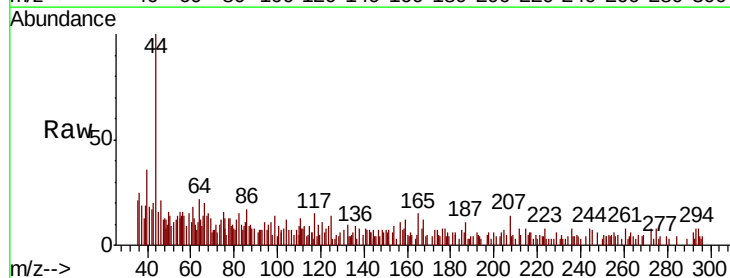
Tot Ion: 59 Resp: 5282
 Ion Ratio Lower Upper
 59 100
 57 13.7 8.0 12.0#

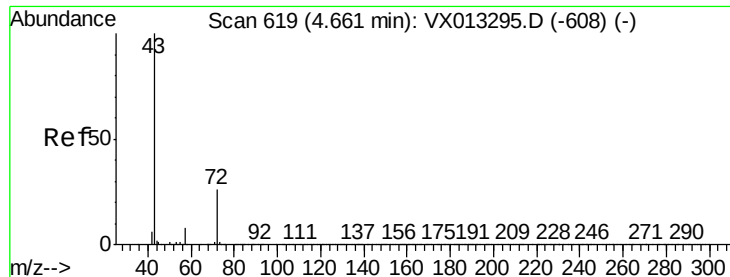


#13

Acrolein
 Concen: 0.252 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VX013443.D
 Acq: 15 Nov 2019 14:03

Tgt Ion: 56 Resp: 302
 Ion Ratio Lower Upper
 56 100
 55 551.0 57.4 86.0#





#25

2-Butanone

Concen: 0.210 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.03 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampled :

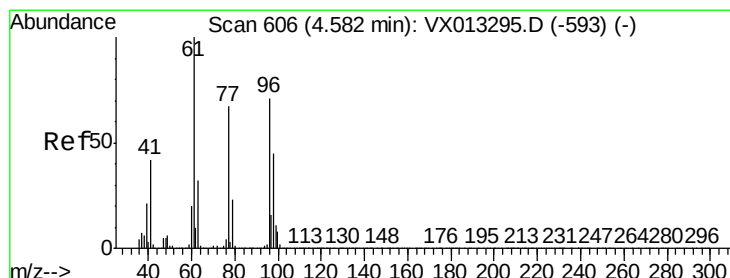
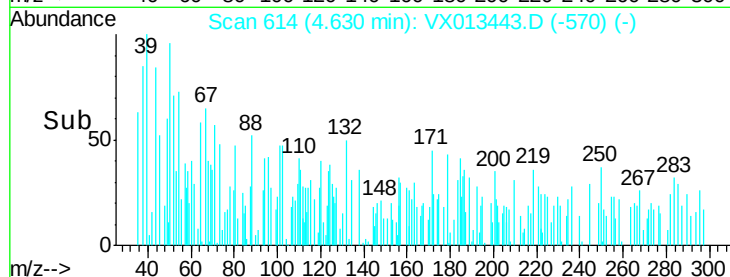
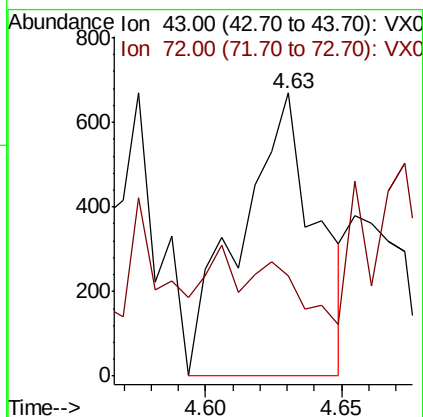
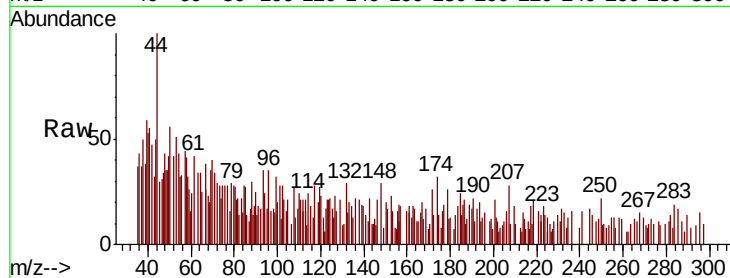
IBLK

Tot Ion: 43 Resp: 1288

Ion Ratio Lower Upper

43 100

72 7.6 21.0 31.6#



#27

cis-1,2-Dichloroethene

Concen: 0.211 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

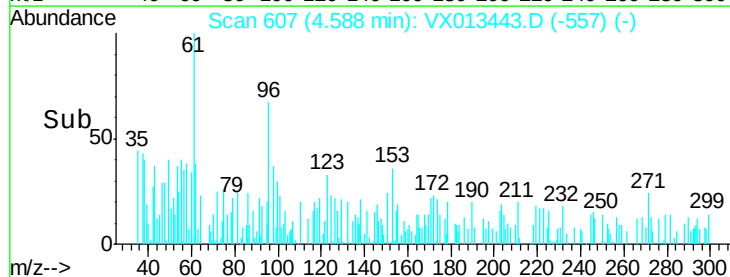
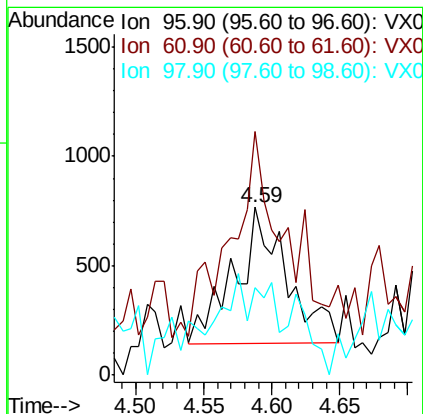
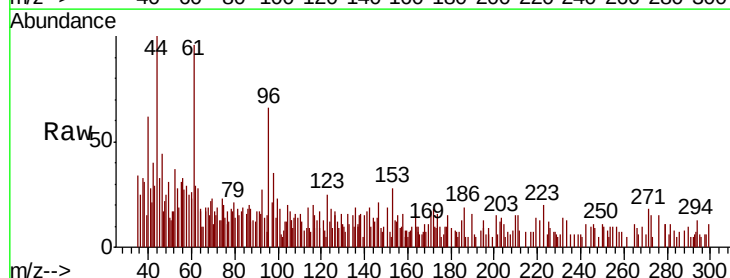
Tgt Ion: 96 Resp: 1670

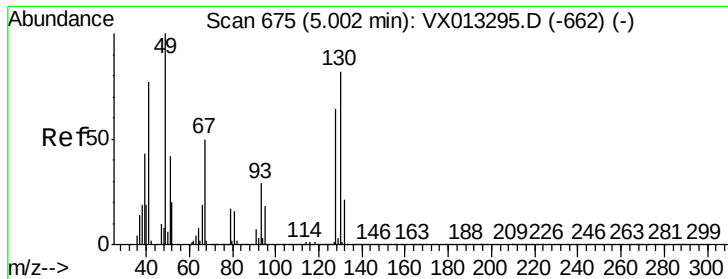
Ion Ratio Lower Upper

96 100

61 152.5 0.0 288.0

98 14.3 0.0 129.6

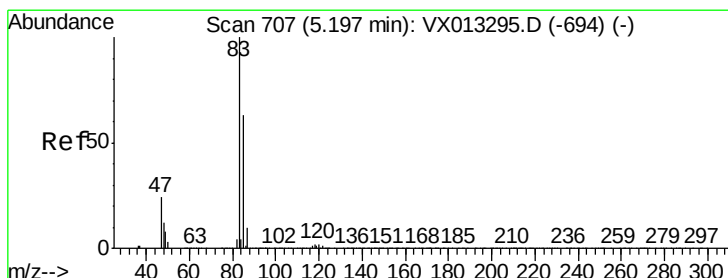
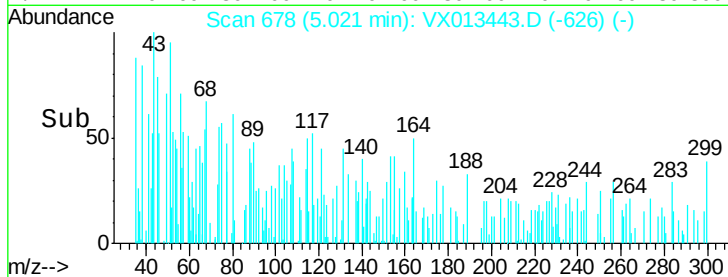
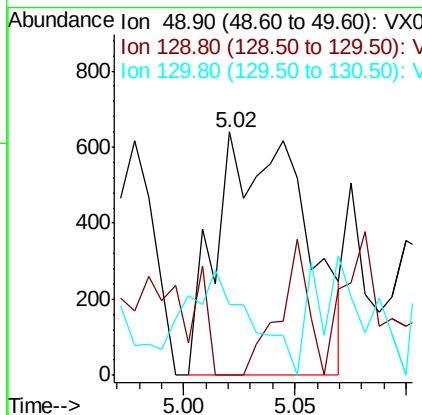
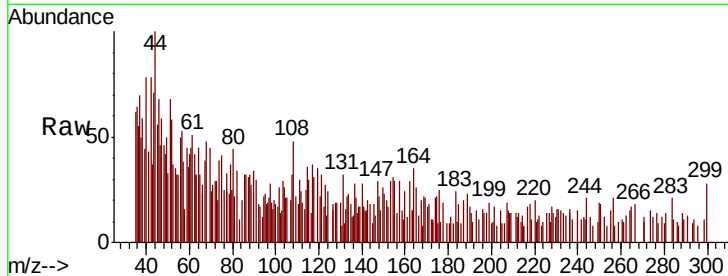




#28
Bromochloromethane
Concen: 0.483 ug/l
RT: 5.02 min Scan# 678
Delta R.T. 0.02 min
Lab File: VX013443.D
Acq: 15 Nov 2019 14:03

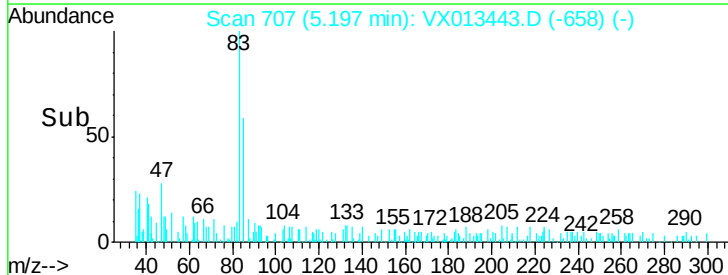
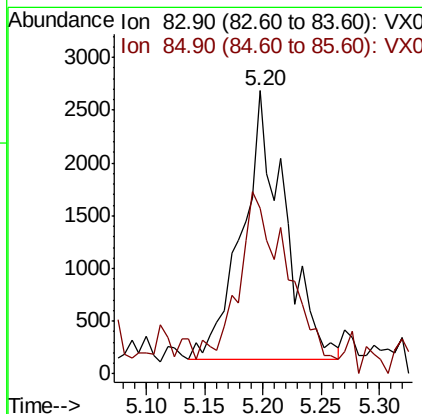
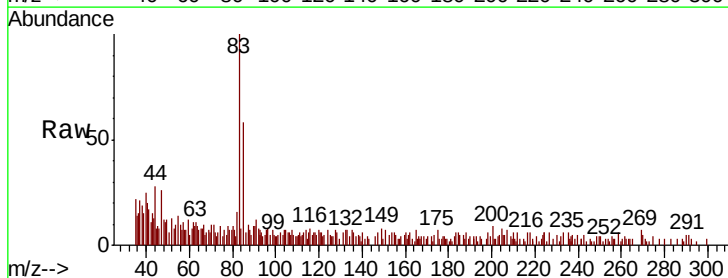
Instrument :
MSVOA_X
ClientSampled :
IBLK

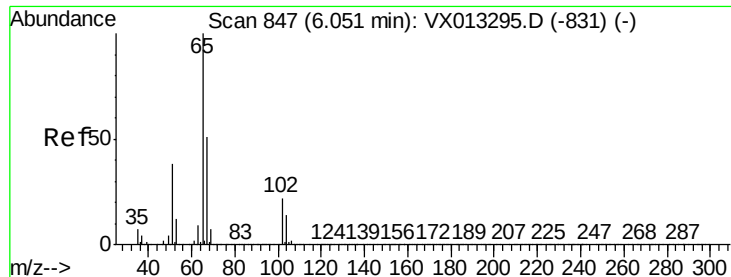
Tot Ion: 49 Resp: 1748
Ion Ratio Lower Upper
49 100
129 30.0 0.0 5.2#
130 19.7 63.8 95.6#



#30
Chloroform
Concen: 0.515 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013443.D
Acq: 15 Nov 2019 14:03

Tgt Ion: 83 Resp: 6490
Ion Ratio Lower Upper
83 100
85 56.0 50.2 75.4

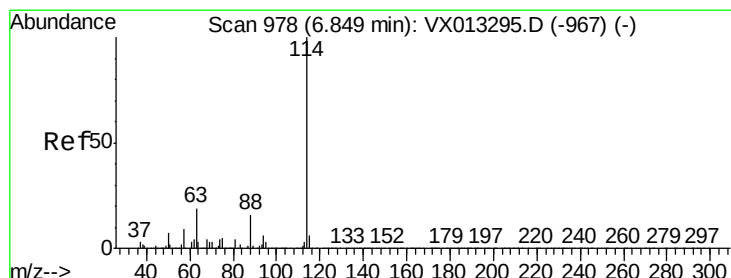
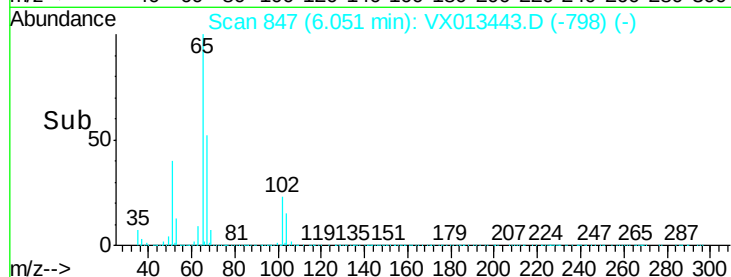
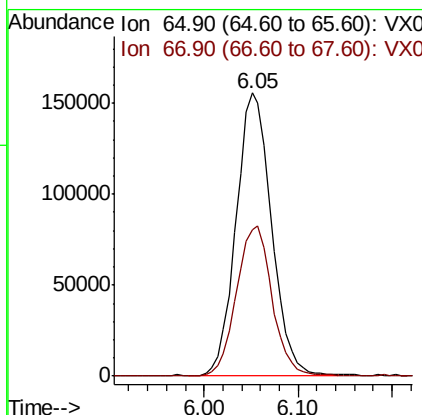
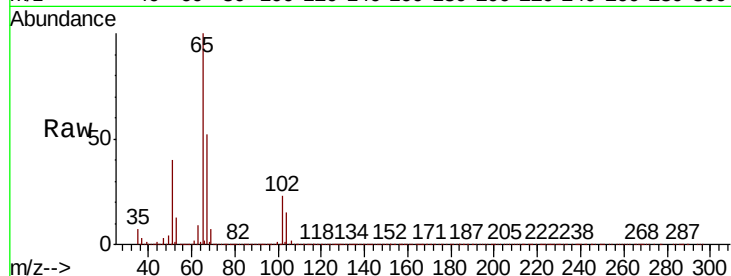




#33
 1,2-Dichloroethane-d4
 Concen: 48.861 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013443.D
 Acq: 15 Nov 2019 14:03

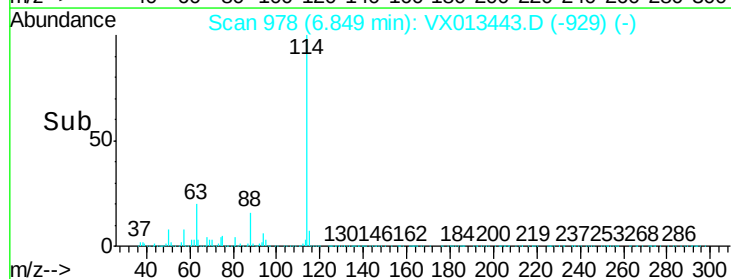
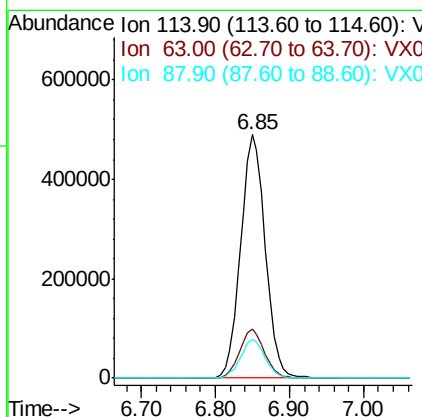
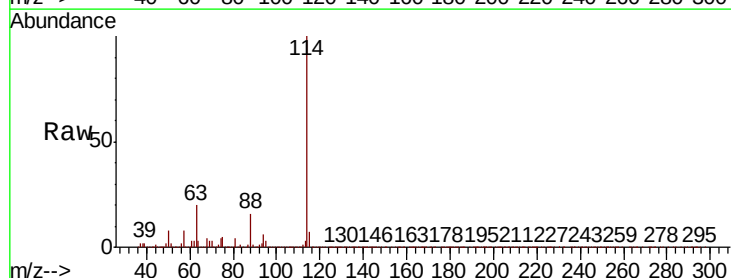
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

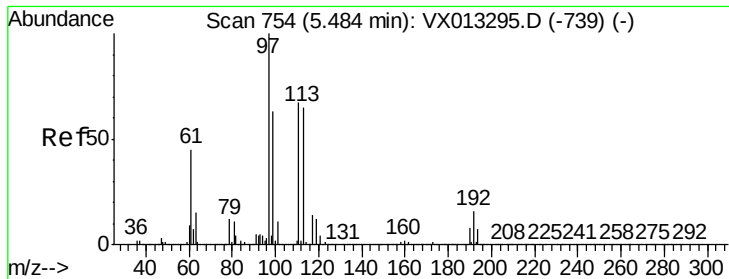
Tot Ion: 65 Resp: 410129
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013443.D
 Acq: 15 Nov 2019 14:03

Tgt Ion: 114 Resp: 1135787
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.4
 88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.412 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

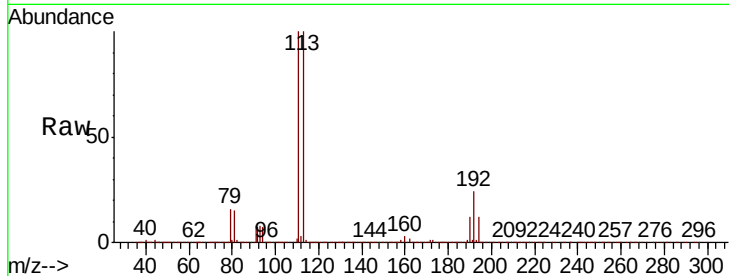
Tot Ion:113 Resp: 344878

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

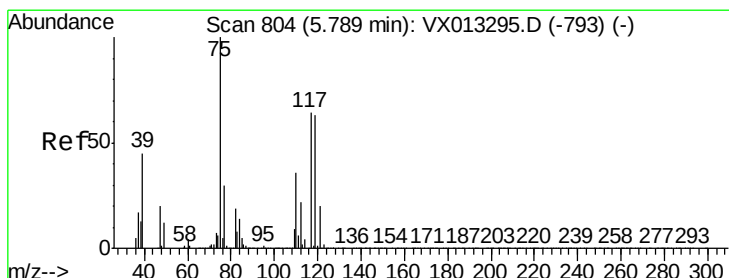
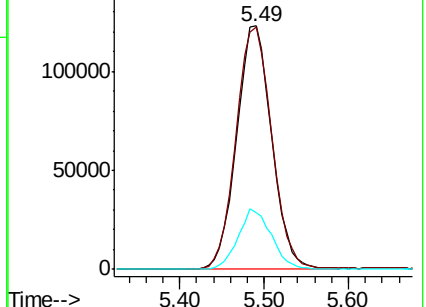
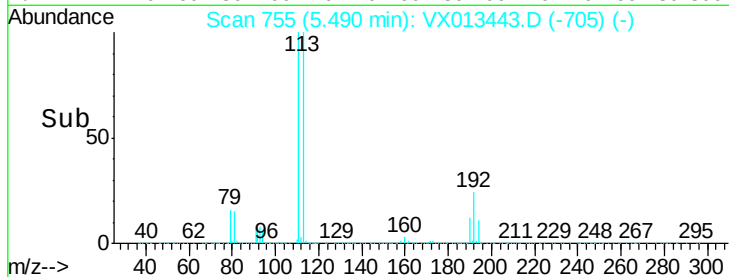
192 23.9 19.1 28.7



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



#36

1,1-Dichloropropene

Concen: 4.922 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

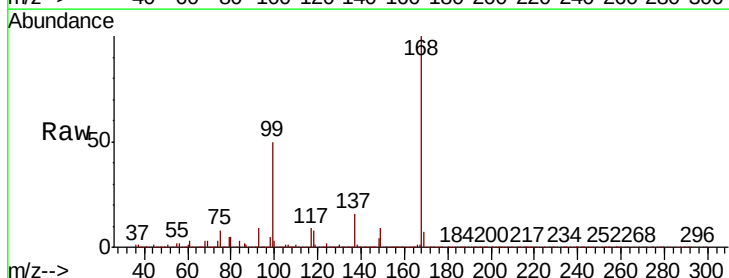
Tgt Ion: 75 Resp: 47955

Ion Ratio Lower Upper

75 100

110 10.9 18.1 54.1#

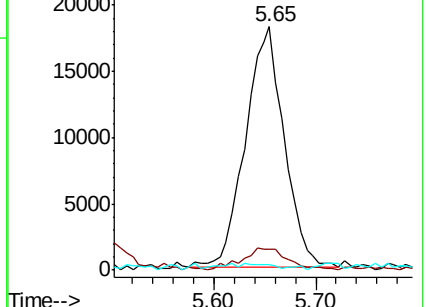
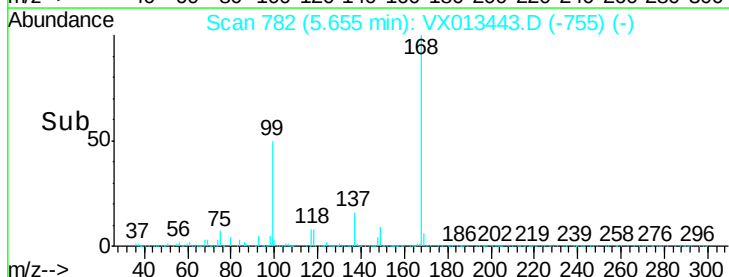
77 0.0 25.0 37.4#

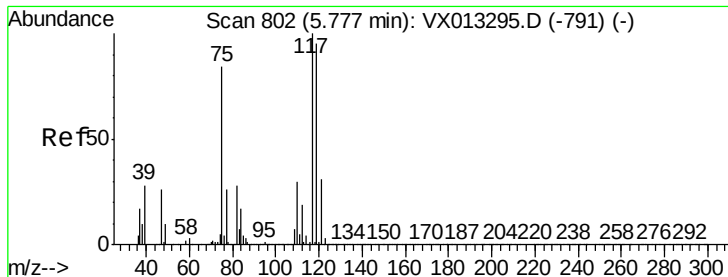


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.353 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampled :

IBLK

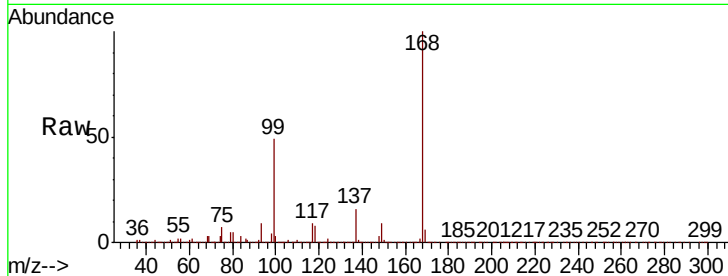
Tot Ion:117 Resp: 60531

Ion Ratio Lower Upper

117 100

119 4.3 76.1 114.1#

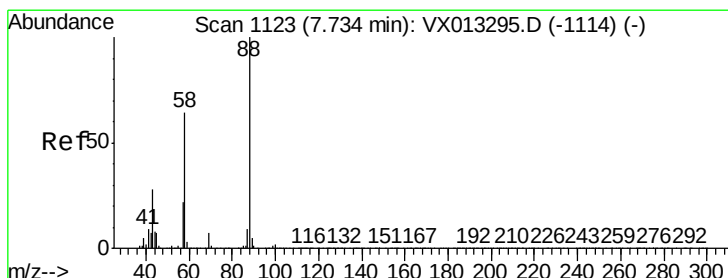
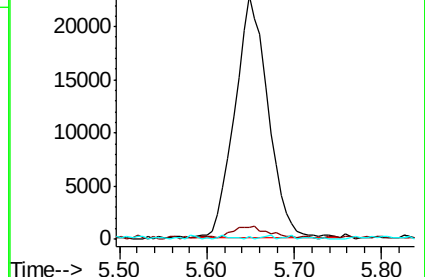
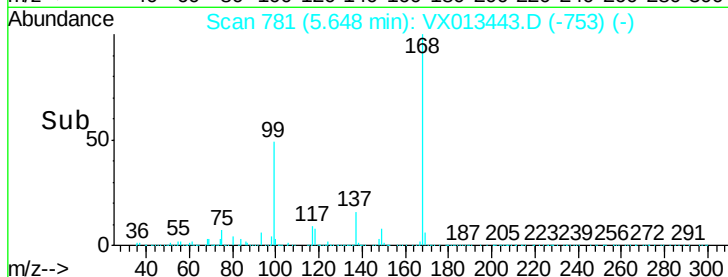
121 0.6 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 2.146 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.02 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

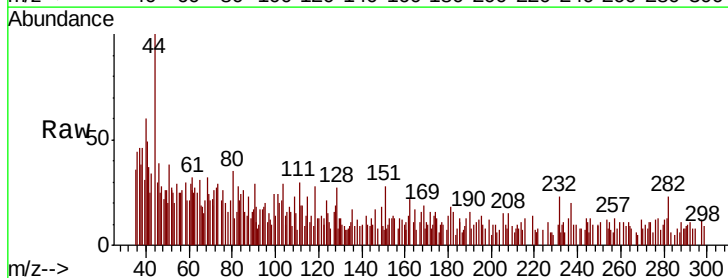
Tgt Ion: 88 Resp: 460

Ion Ratio Lower Upper

88 100

43 70.4 26.6 39.8#

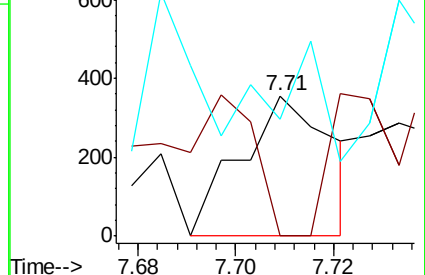
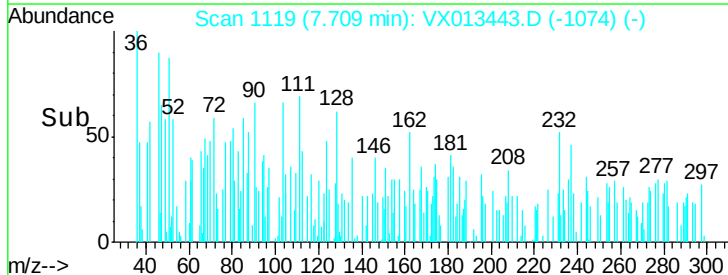
58 0.0 55.0 82.6#

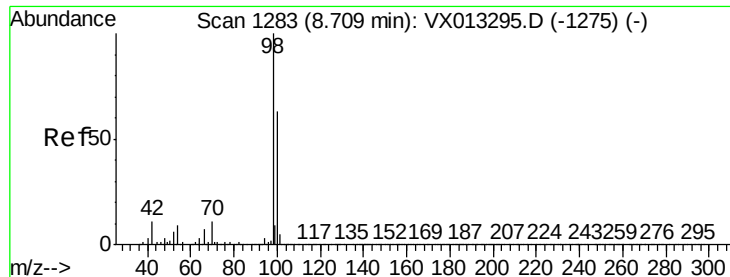


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.672 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampled :

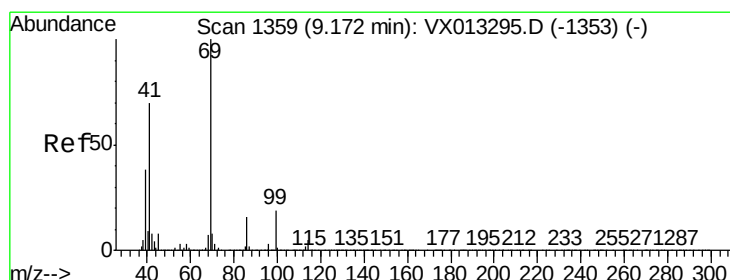
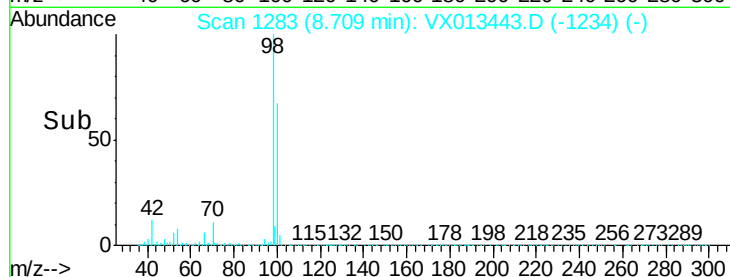
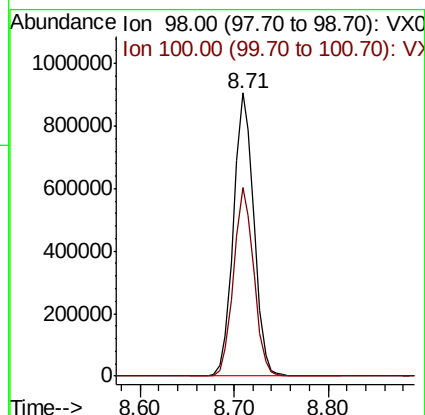
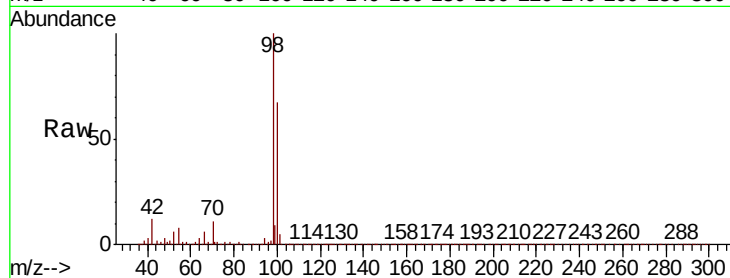
IBLK

Tot Ion: 98 Resp: 1360852

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#56

Ethyl methacrylate

Concen: 1.614 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

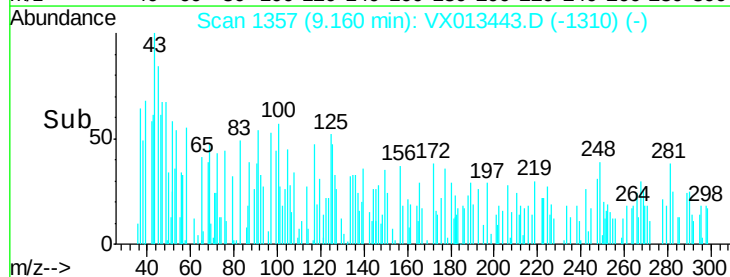
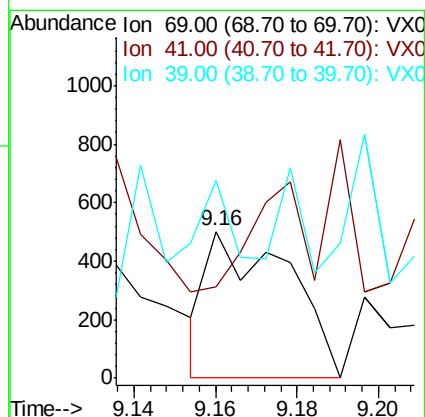
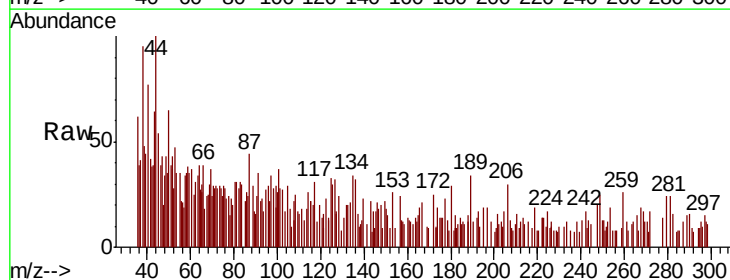
Tgt Ion: 69 Resp: 694

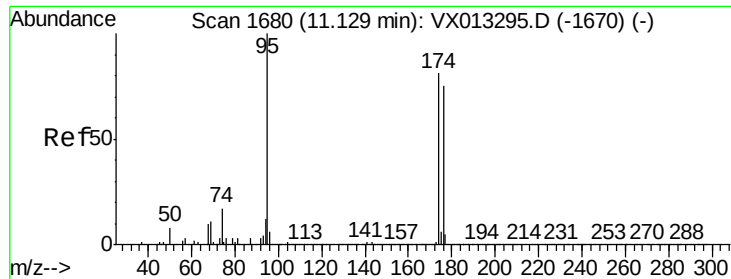
Ion Ratio Lower Upper

69 100

41 46.3 56.2 84.2#

39 0.0 31.1 46.7#

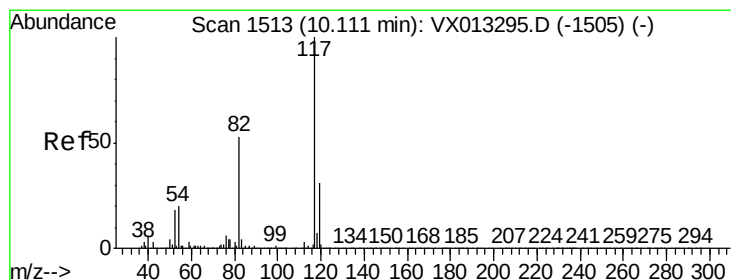
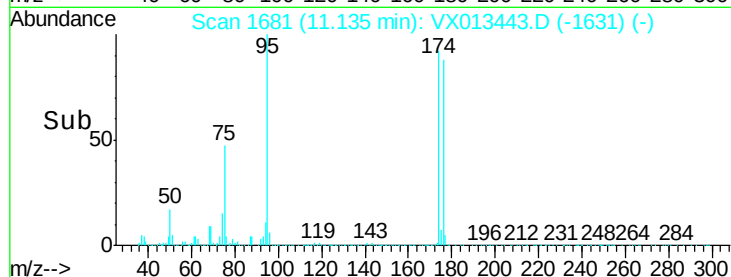
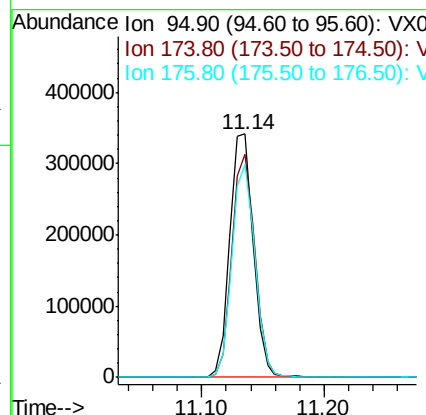
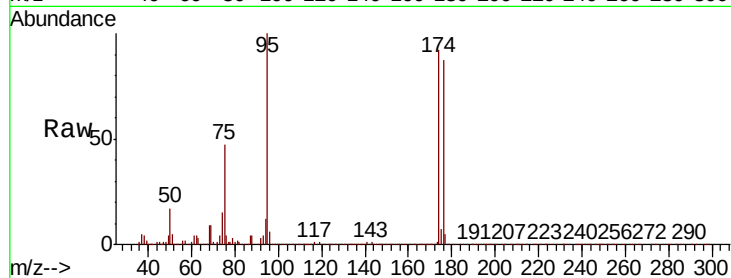




#62
4-Bromofluorobenzene
Concen: 46.923 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013443.D
Acq: 15 Nov 2019 14:03

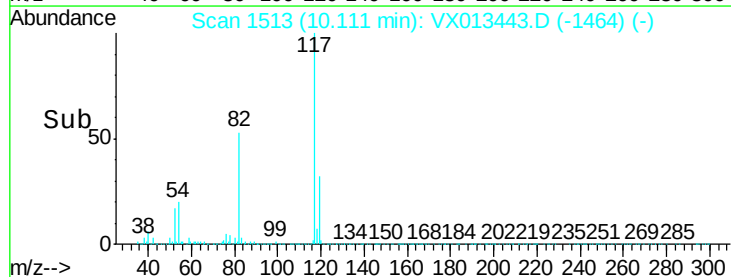
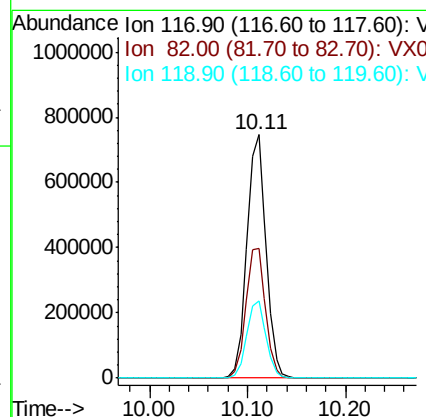
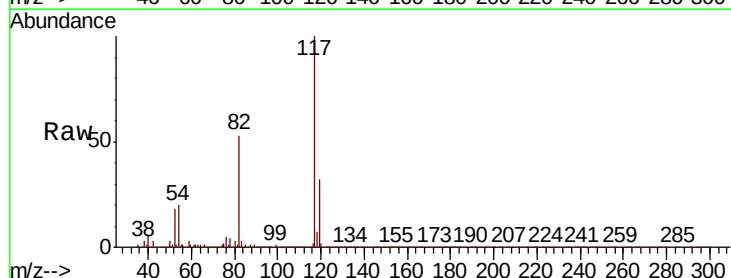
Instrument :
MSVOA_X
ClientSampleId :
IBLK

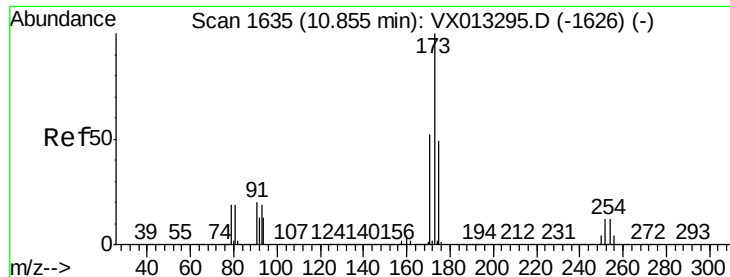
Tot Ion: 95 Resp: 454798
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.8
176 85.5 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013443.D
Acq: 15 Nov 2019 14:03

Tgt Ion: 117 Resp: 1009243
Ion Ratio Lower Upper
117 100
82 53.0 42.6 64.0
119 31.7 24.8 37.2





#71

Bromoform

Concen: 3.256 ug/l

RT: 10.83 min Scan# 1631

Delta R.T. -0.02 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampled :

IBLK

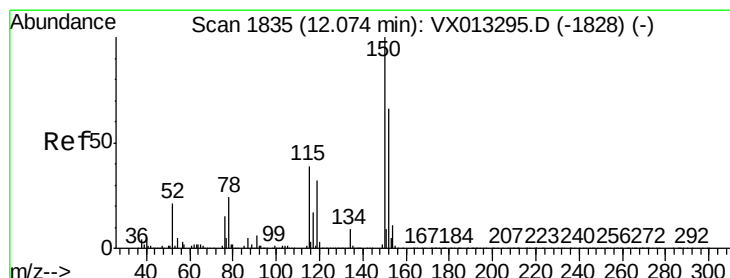
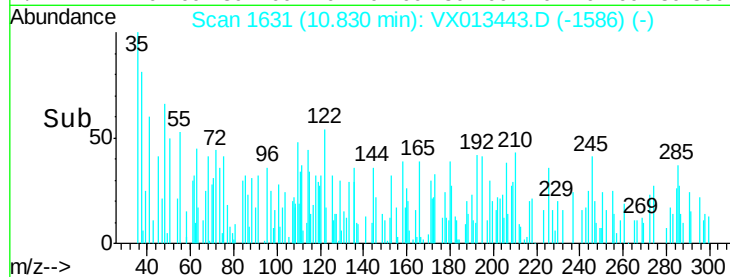
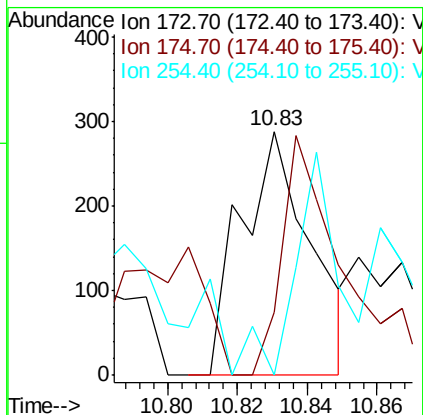
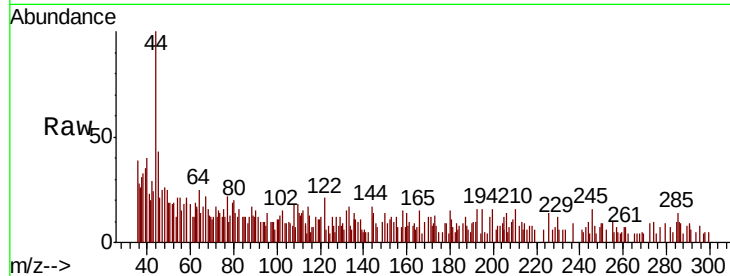
Tot Ion:173 Resp: 397

Ion Ratio Lower Upper

173 100

175 0.0 24.8 74.4#

254 51.6 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

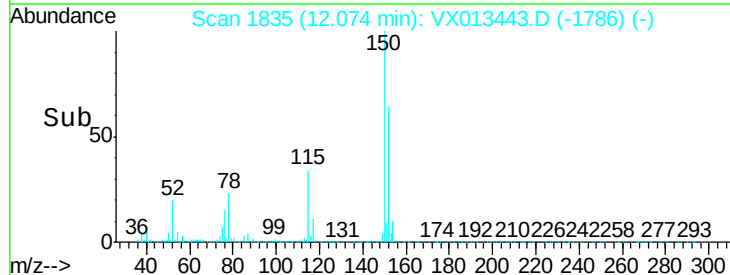
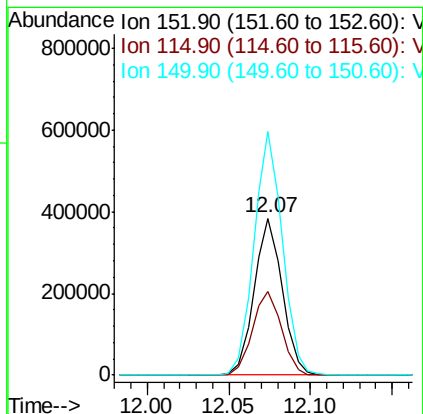
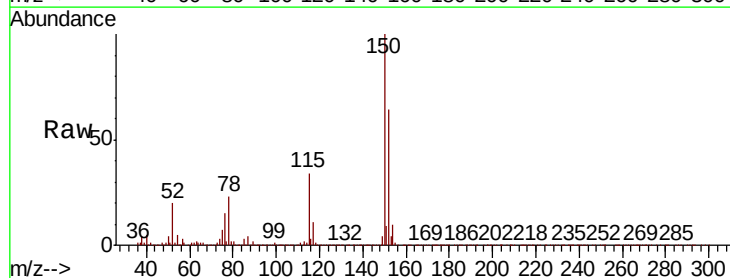
Tgt Ion:152 Resp: 460901

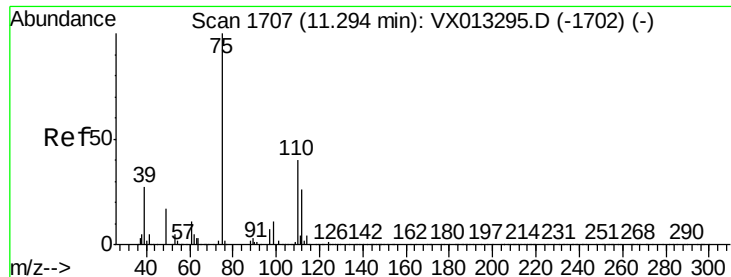
Ion Ratio Lower Upper

152 100

115 55.2 39.5 118.3

150 156.6 0.0 344.4





#76

1,2,3-Trichloropropane

Concen: 23.528 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampled :

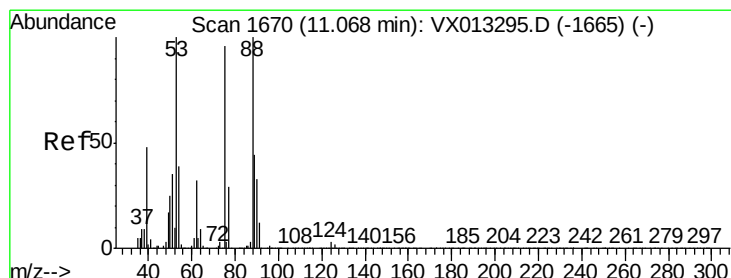
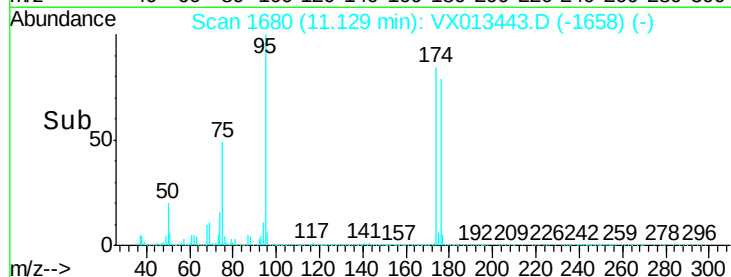
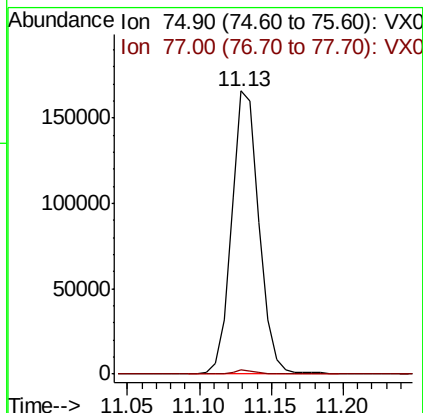
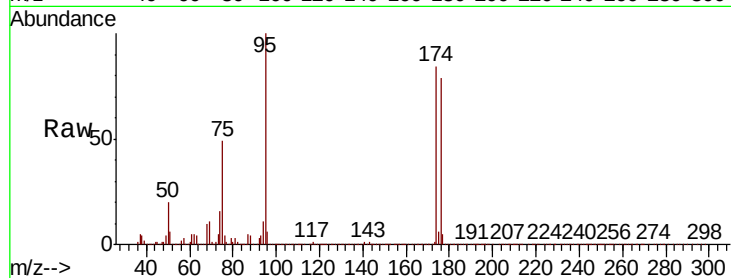
IBLK

Tot Ion: 75 Resp: 220259

Ion Ratio Lower Upper

75 100

77 1.4 22.3 66.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.561 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

Tgt Ion: 75 Resp: 220259

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 36.0 54.0#

