

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013695.D
 Acq On : 29 Nov 2019 12:48
 Operator : JC/SP
 Sample : K5959-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 29 22:26:25 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	689819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1062445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	939916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	424141	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	386848	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
35) Dibromofluoromethane	5.49	113	314691	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	
50) Toluene-d8	8.71	98	1252086	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.13	95	416476	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	

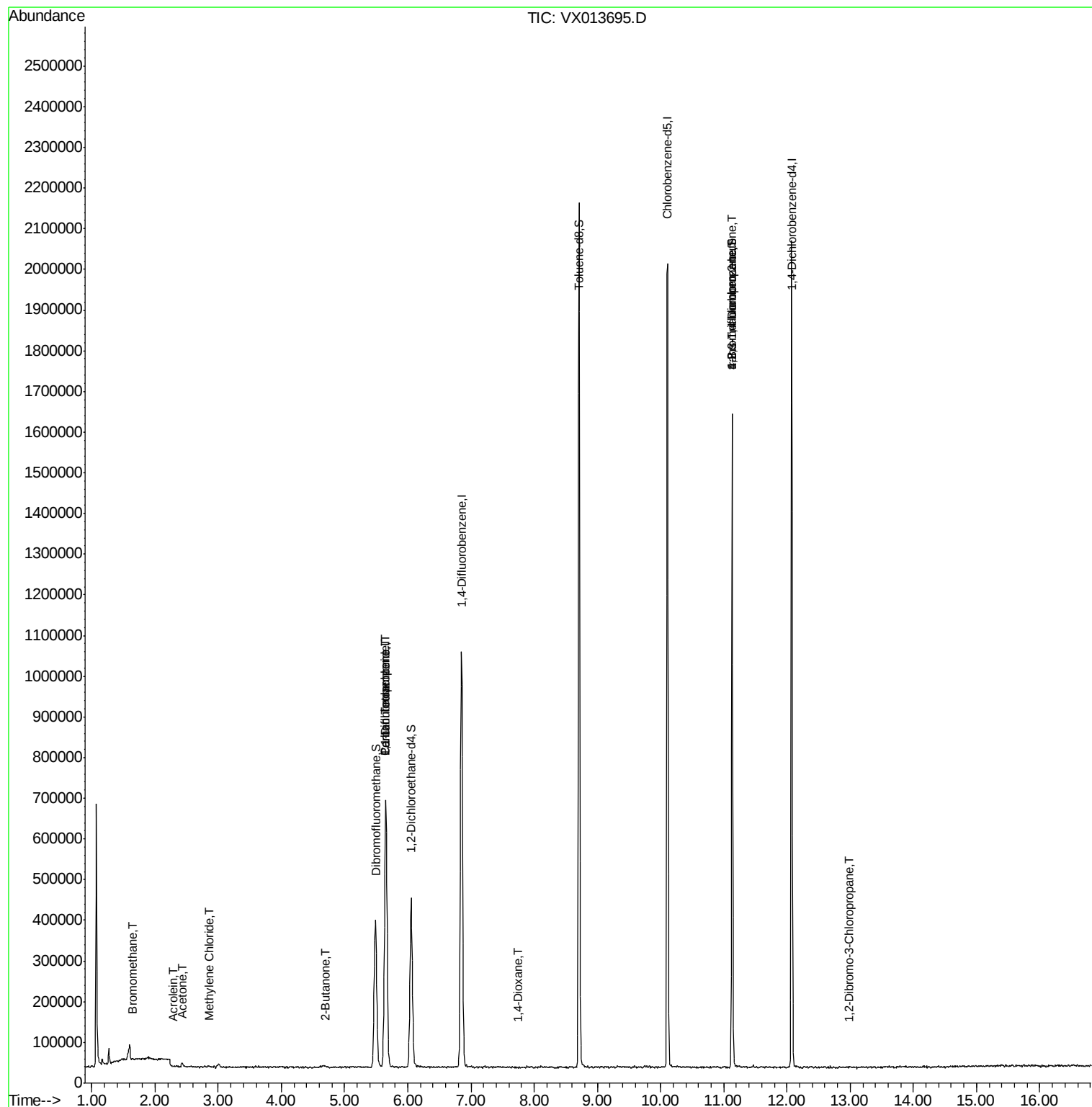
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1582	0.243	ug/l	95
13) Acrolein	2.29	56	158	6.120	ug/l #	61
16) Acetone	2.43	43	10268	2.597	ug/l	94
20) Methylene Chloride	2.84	84	3056	0.402	ug/l #	71
25) 2-Butanone	4.68	43	3468	0.590	ug/l #	83
36) 1,1-Dichloropropene	5.65	75	46594	4.831	ug/l #	53
38) Carbon Tetrachloride	5.65	117	61297	6.893	ug/l #	16
49) 1,4-Dioxane	7.73	88	247	1.275	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	207004	21.699	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	207004	59.365	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.99	75	567	0.252	ug/l #	32

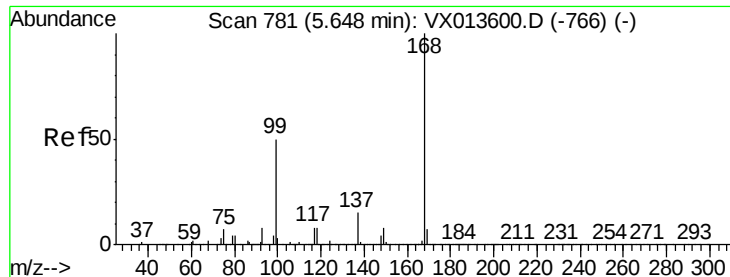
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112919\
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Quant Time: Nov 29 22:26:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
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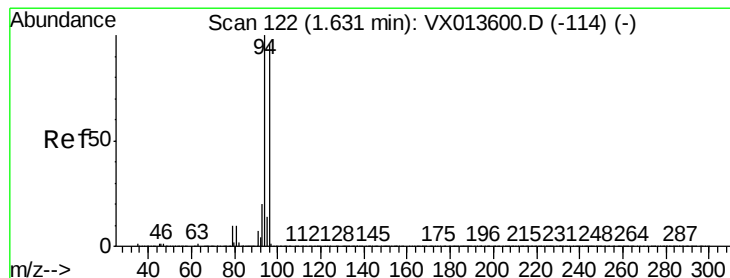
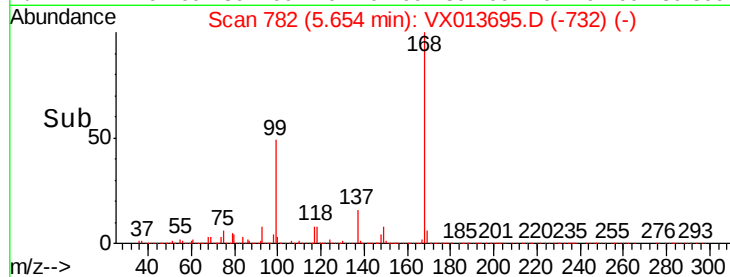
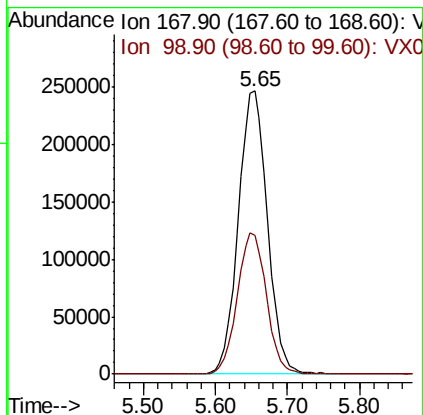
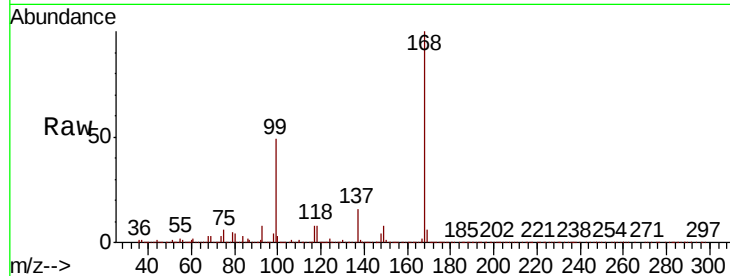


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013695.D
 Acq: 29 Nov 2019 12:48

Instrument :
 MSVOA_X
 ClientSampled :
 TRIP-BLANK

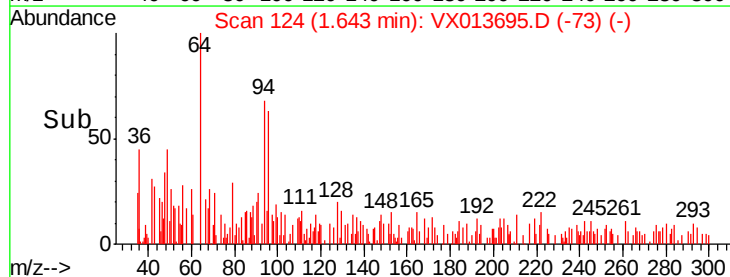
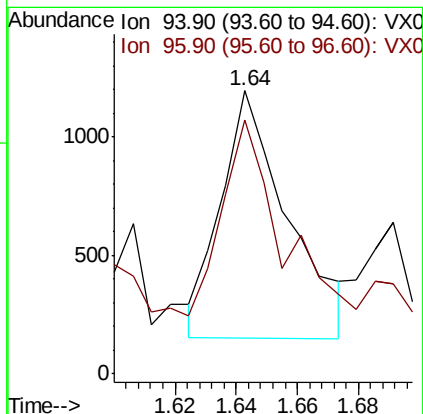
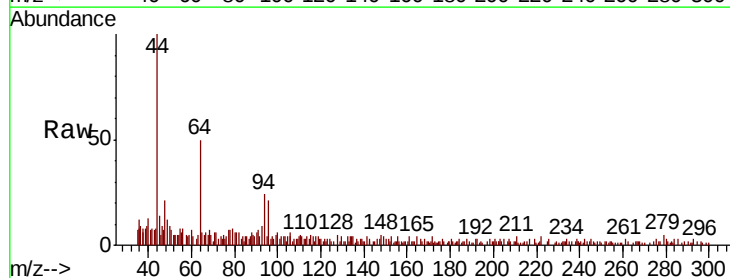
Tot Ion:168 Resp: 689819
 Ion Ratio Lower Upper
 168 100
 99 49.0 39.8 59.8

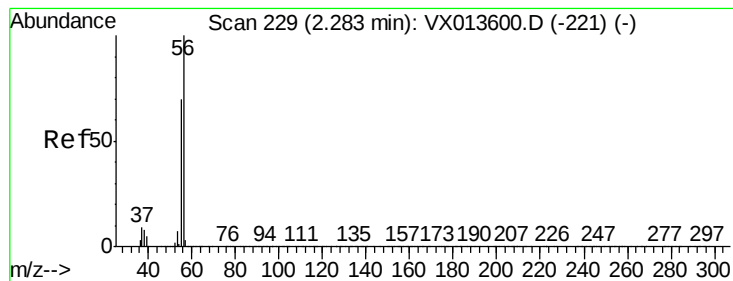


#5

Bromomethane
 Concen: 0.243 ug/l
 RT: 1.64 min Scan# 124
 Delta R.T. 0.01 min
 Lab File: VX013695.D
 Acq: 29 Nov 2019 12:48

Tgt Ion: 94 Resp: 1582
 Ion Ratio Lower Upper
 94 100
 96 91.8 77.0 115.4





#13

Acrolein

Concen: 6.120 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX013695.D

Acq: 29 Nov 2019 12:48

Instrument :

MSVOA_X

ClientSampled :

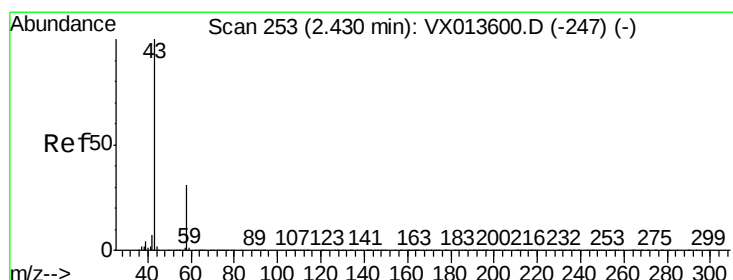
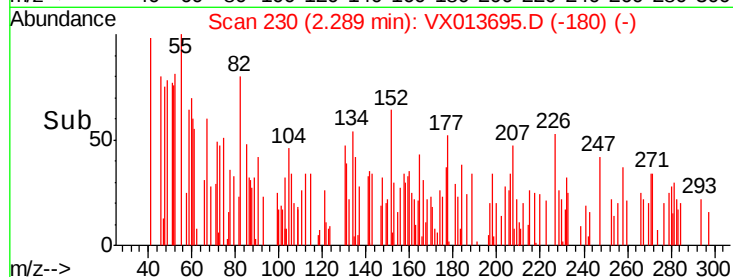
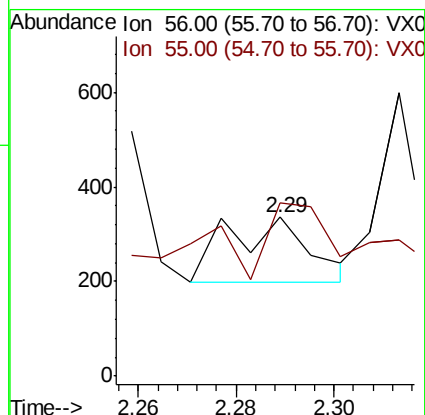
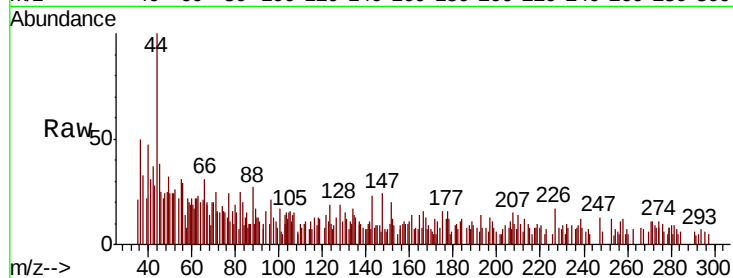
TRIP-BLANK

Tot Ion: 56 Resp: 158

Ion Ratio Lower Upper

56 100

55 102.5 56.2 84.4#



#16

Acetone

Concen: 2.597 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013695.D

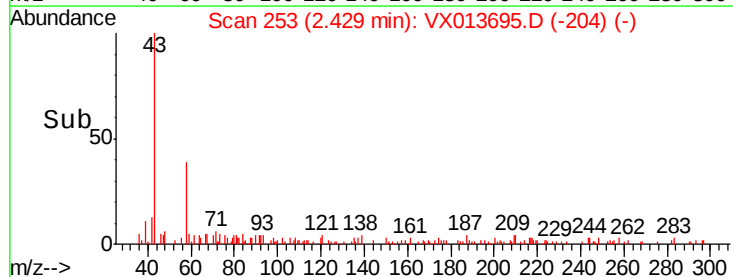
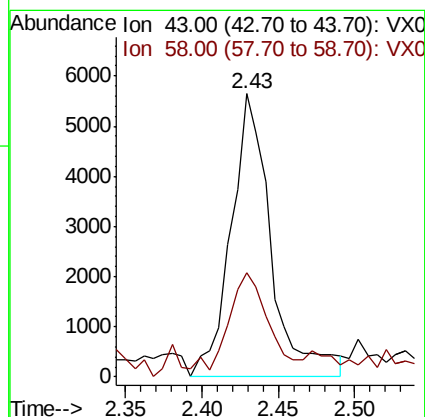
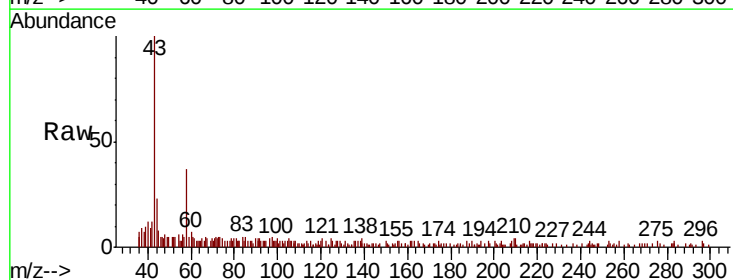
Acq: 29 Nov 2019 12:48

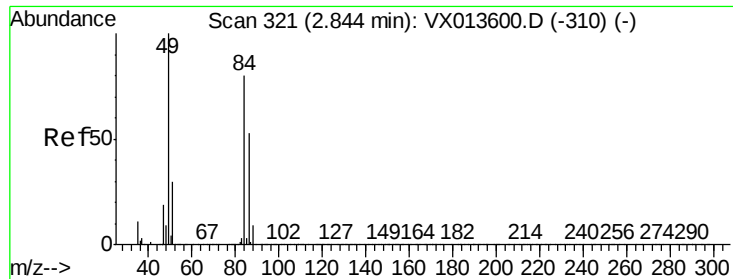
Tgt Ion: 43 Resp: 10268

Ion Ratio Lower Upper

43 100

58 34.2 24.6 36.8

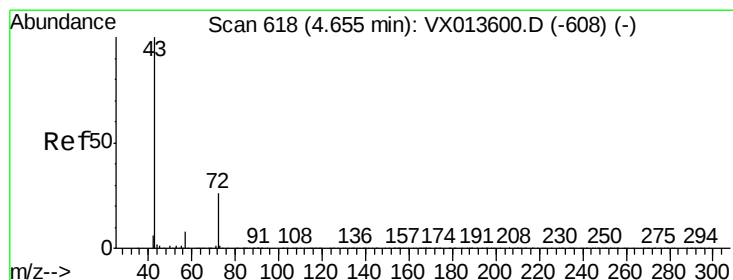
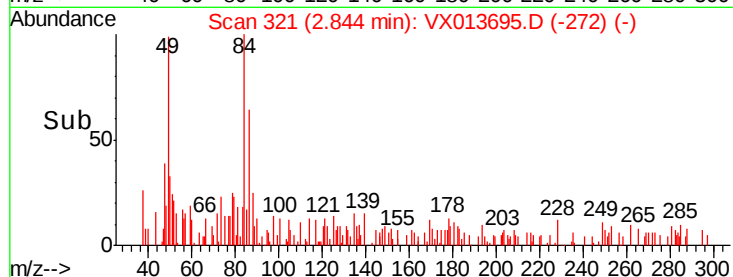
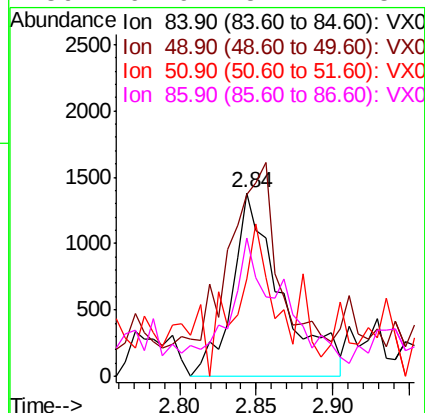
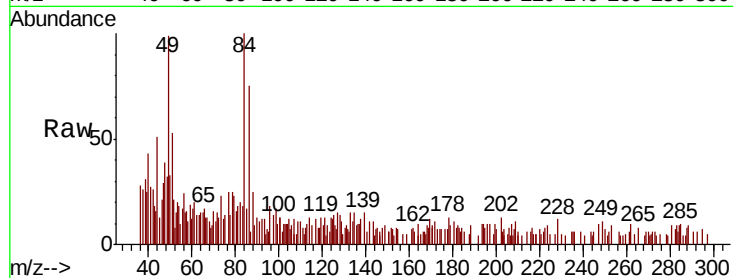




#20
Methvlene Chloride
Concen: 0.402 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013695.D
Acq: 29 Nov 2019 12:48

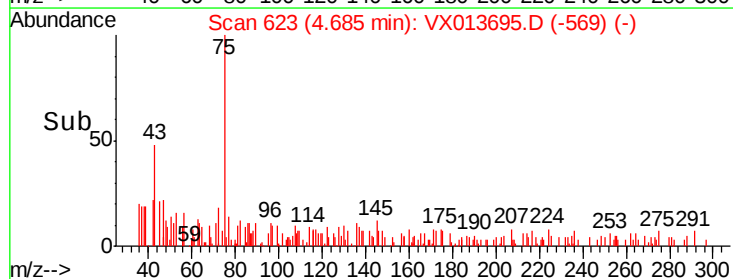
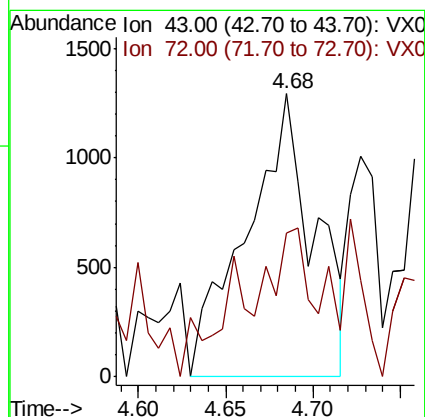
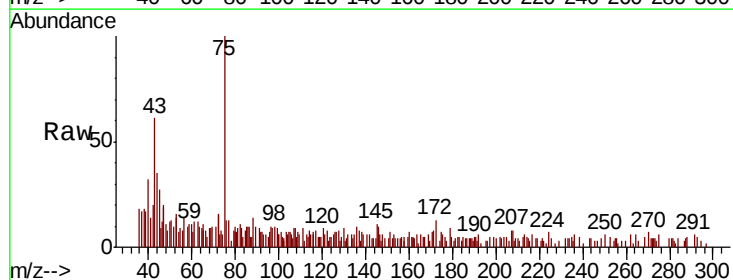
Instrument :
MSVOA_X
ClientSampleId :
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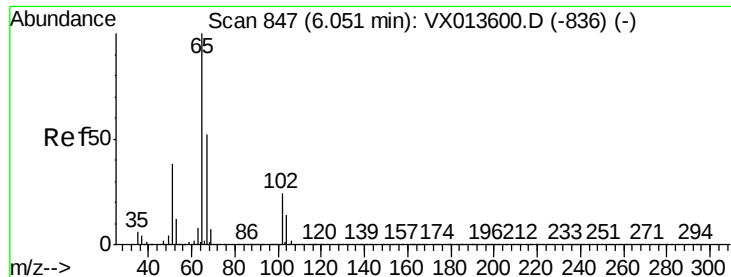
Tot Ion: 84 Resp: 3056
Ion Ratio Lower Upper
84 100
49 73.4 99.7 149.5#
51 51.7 29.9 44.9#
86 64.9 52.2 78.4



#25
2-Butanone
Concen: 0.590 ug/l
RT: 4.68 min Scan# 623
Delta R.T. 0.03 min
Lab File: VX013695.D
Acq: 29 Nov 2019 12:48

Tgt Ion: 43 Resp: 3468
Ion Ratio Lower Upper
43 100
72 34.7 20.6 31.0#





#33

1,2-Dichloroethane-d4

Concen: 48.312 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013695.D

Acq: 29 Nov 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

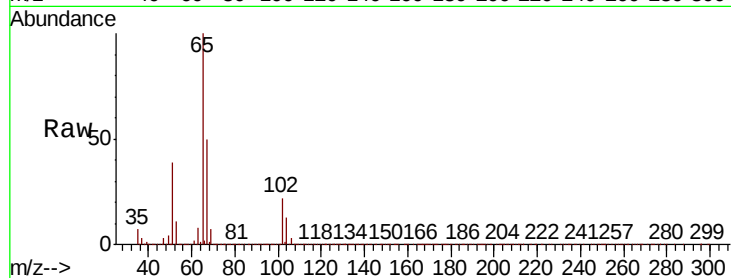
TRIP-BLANK

Tot Ion: 65 Resp: 386848

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

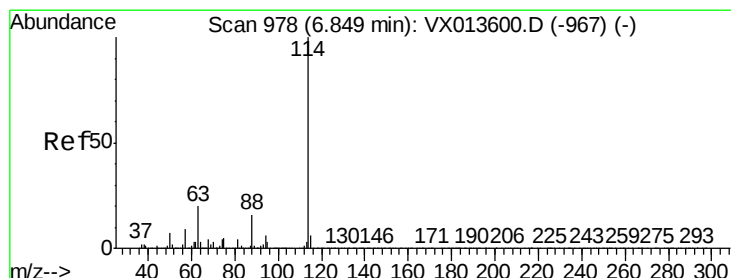
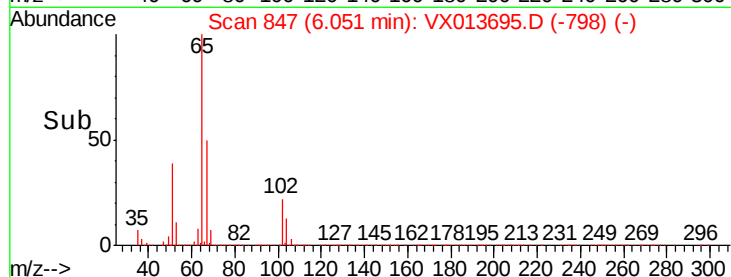
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013695.D

Acq: 29 Nov 2019 12:48

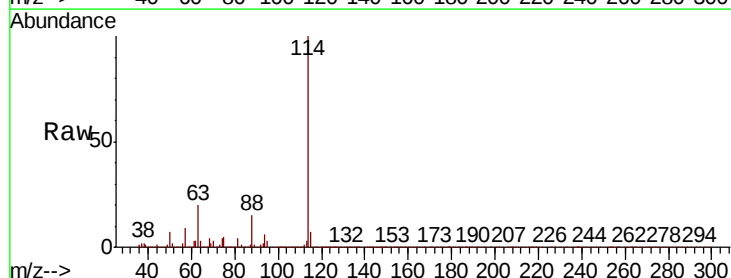
Tgt Ion: 114 Resp: 1062445

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.0 0.0 31.4



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

6.85

600000

500000

400000

300000

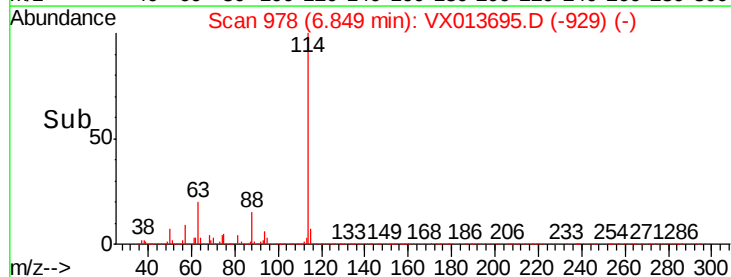
200000

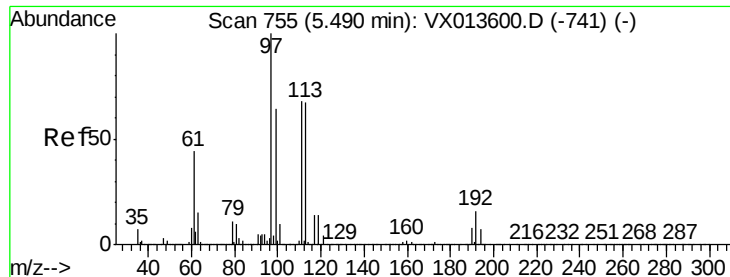
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.912 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013695.D

Acq: 29 Nov 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

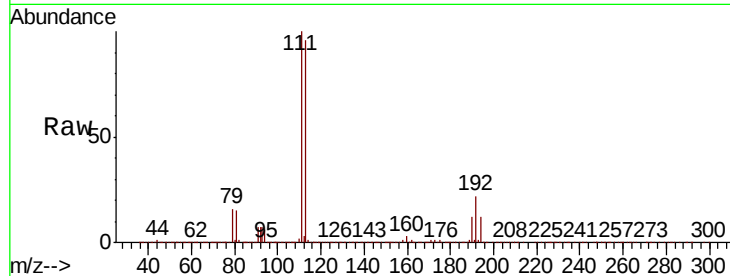
Tot Ion:113 Resp: 314691

Ion Ratio Lower Upper

113 100

111 103.0 83.6 125.4

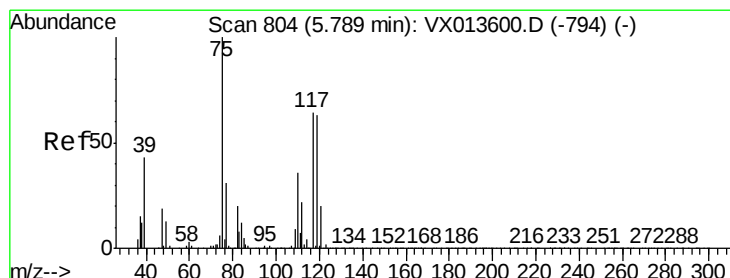
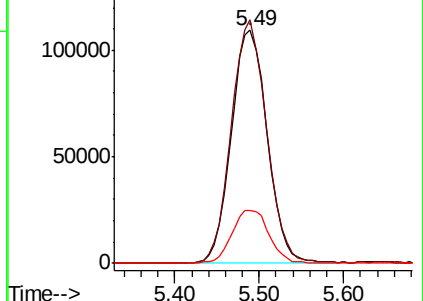
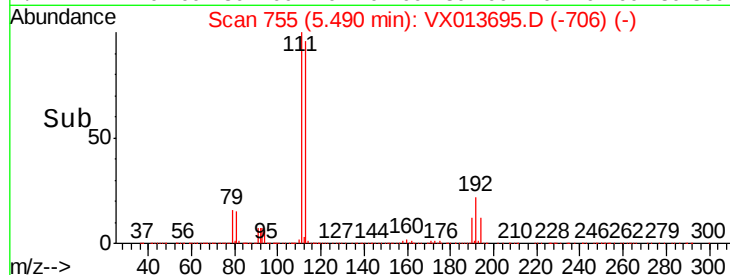
192 23.4 19.2 28.8



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



#36

1,1-Dichloropropene

Concen: 4.831 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013695.D

Acq: 29 Nov 2019 12:48

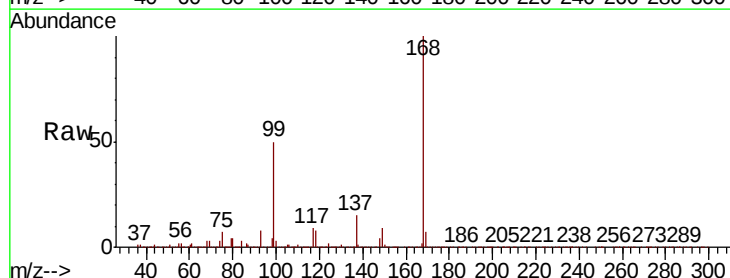
Tgt Ion: 75 Resp: 46594

Ion Ratio Lower Upper

75 100

110 11.0 18.1 54.1#

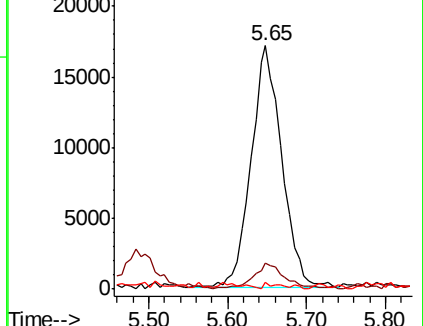
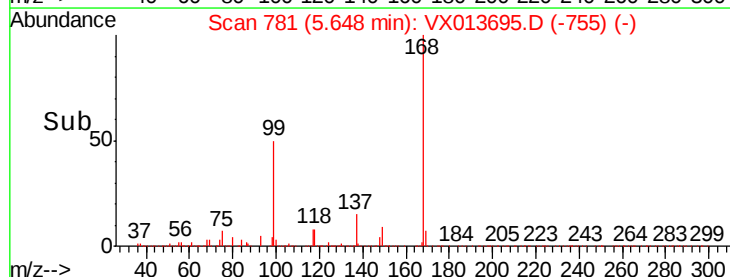
77 1.7 24.5 36.7#

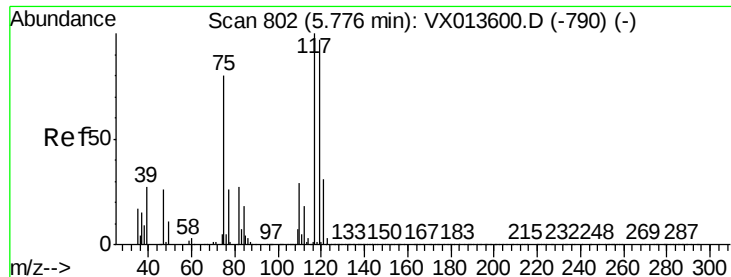


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.893 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013695.D

Acq: 29 Nov 2019 12:48

Instrument :

MSVOA_X

ClientSampled :

TRIP-BLANK

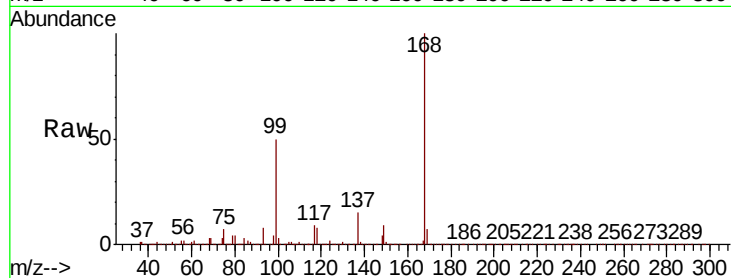
Tot Ion:117 Resp: 61297

Ion Ratio Lower Upper

117 100

119 4.5 77.5 116.3#

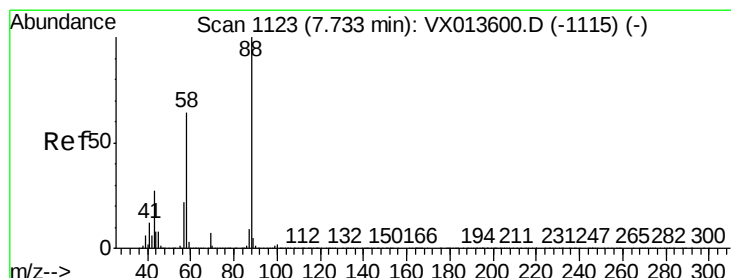
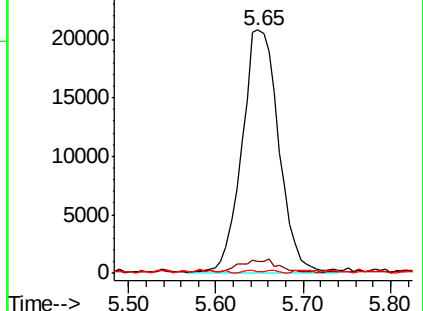
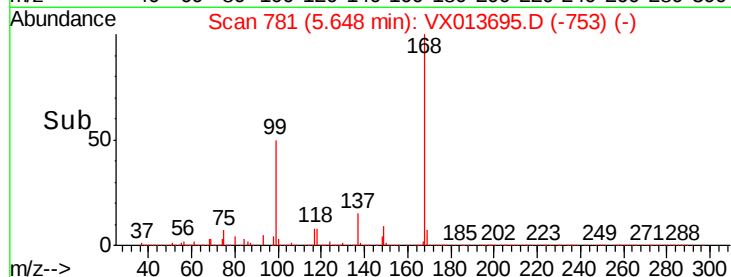
121 1.4 25.0 37.6#



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: 1.275 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013695.D

Acq: 29 Nov 2019 12:48

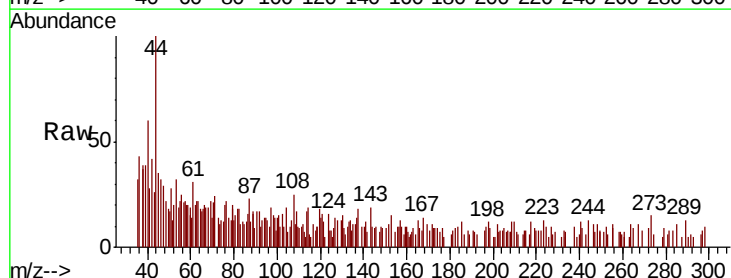
Tgt Ion: 88 Resp: 247

Ion Ratio Lower Upper

88 100

43 263.2 25.8 38.6#

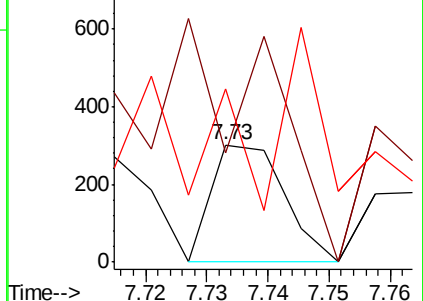
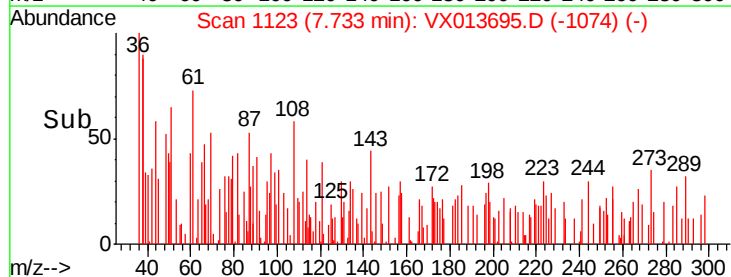
58 56.3 54.6 82.0

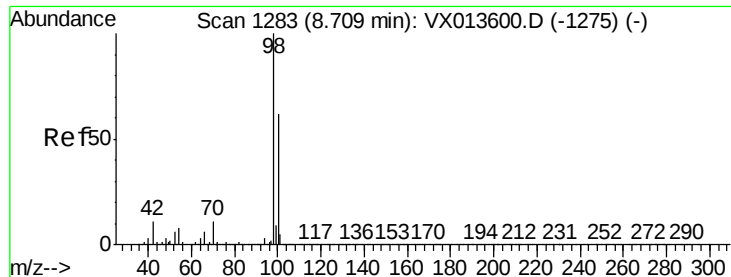


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.928 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013695.D

Acq: 29 Nov 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

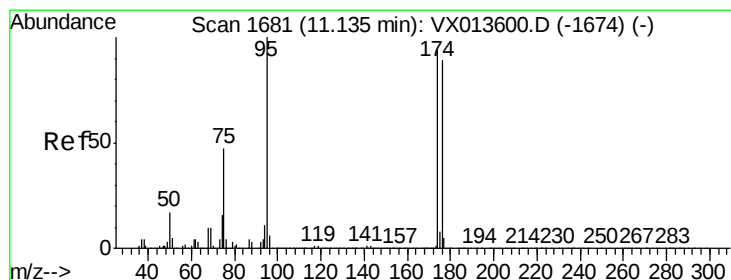
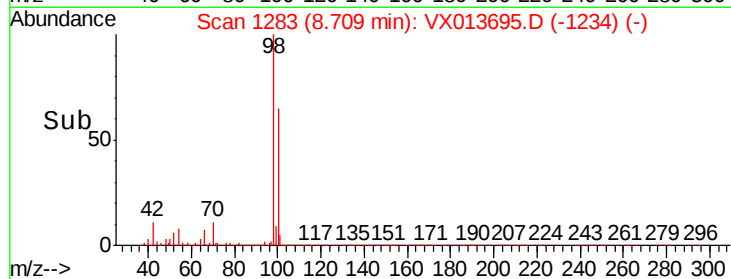
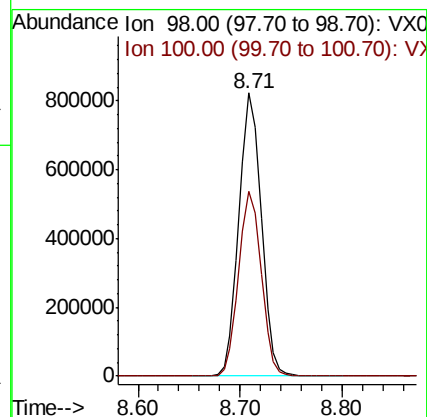
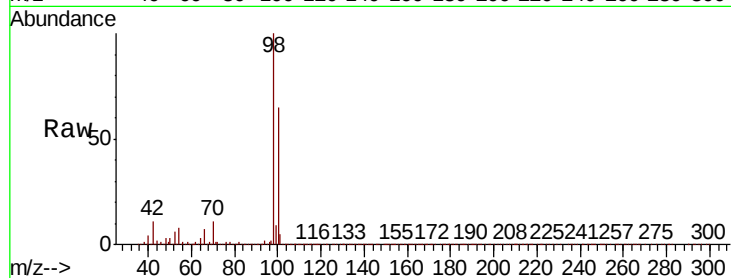
TRIP-BLANK

Tot Ion: 98 Resp: 1252086

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.132 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013695.D

Acq: 29 Nov 2019 12:48

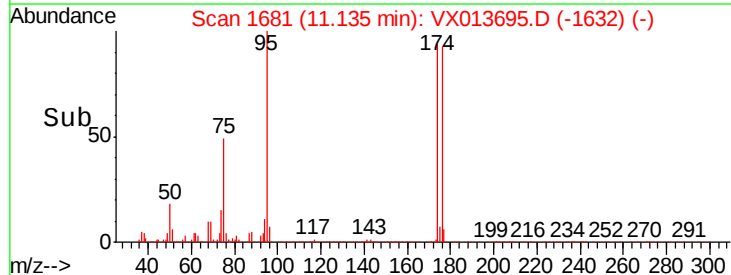
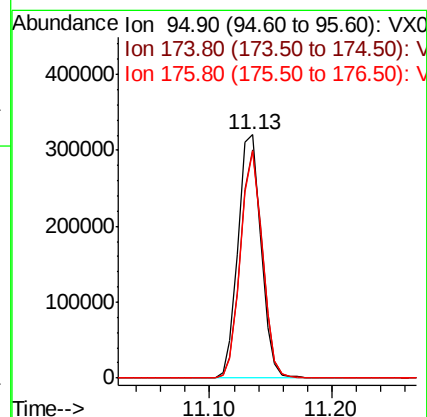
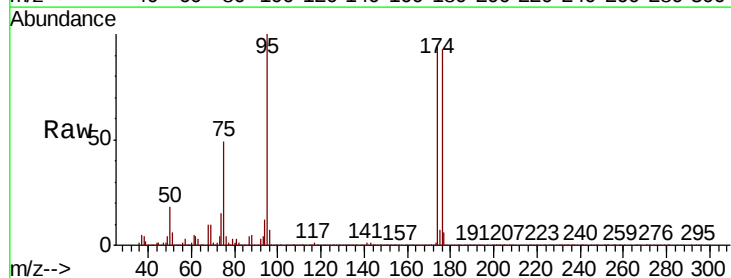
Tgt Ion: 95 Resp: 416476

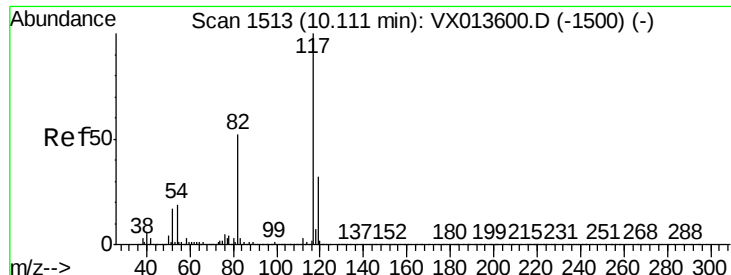
Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.0

176 88.1 0.0 173.6

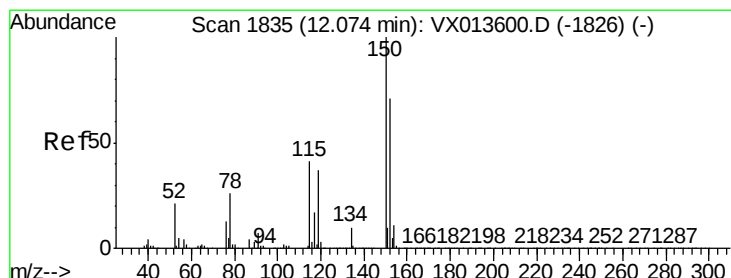
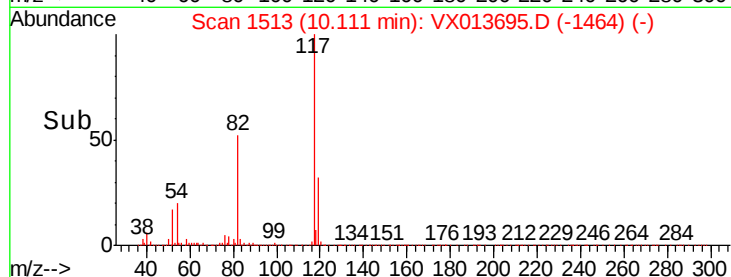
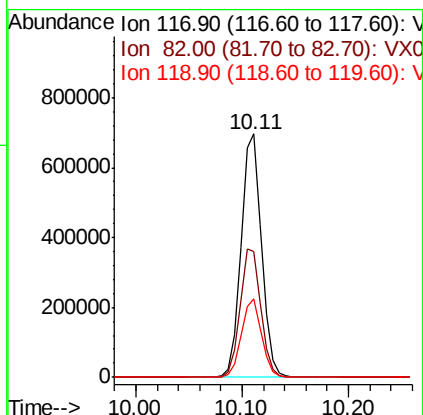
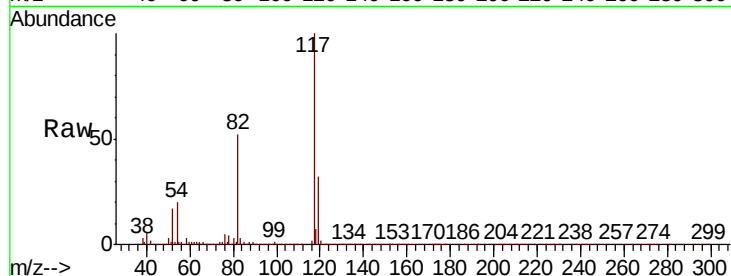




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013695.D
Acq: 29 Nov 2019 12:48

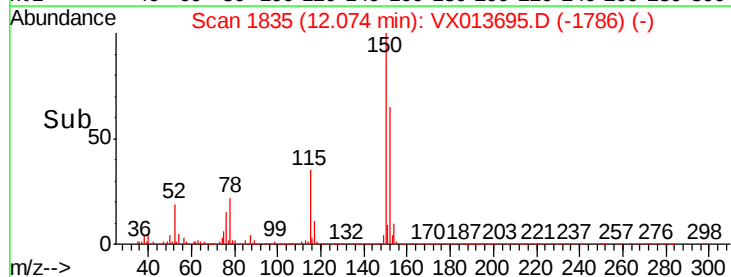
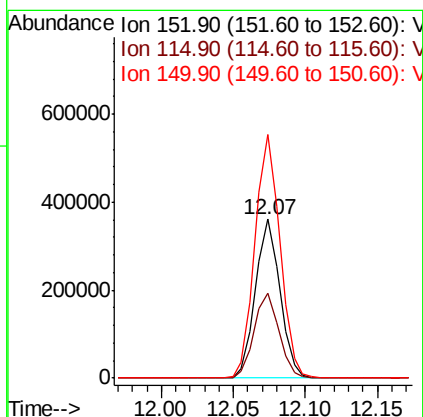
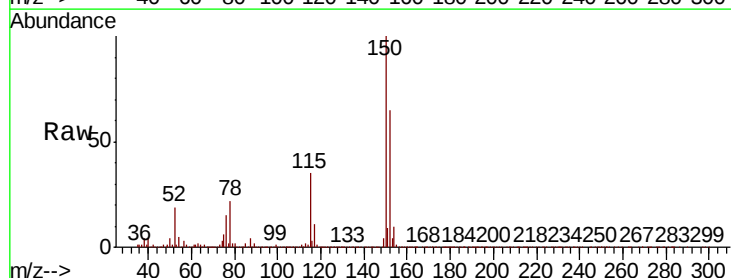
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

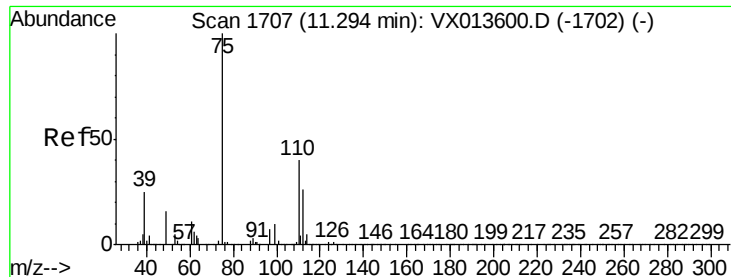
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.8	62.8
119	32.0	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013695.D
Acq: 29 Nov 2019 12:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	38.4	115.1
150	156.0	0.0	346.8





#76

1,2,3-Trichloropropane

Concen: 21.699 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013695.D

Acq: 29 Nov 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

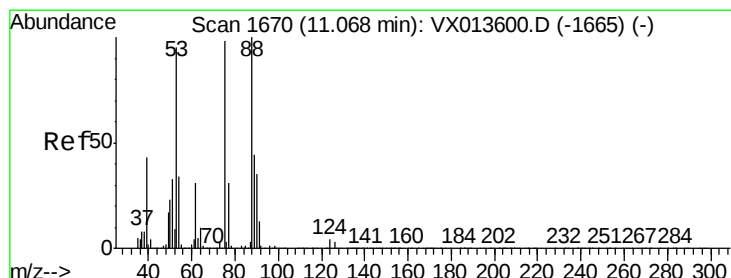
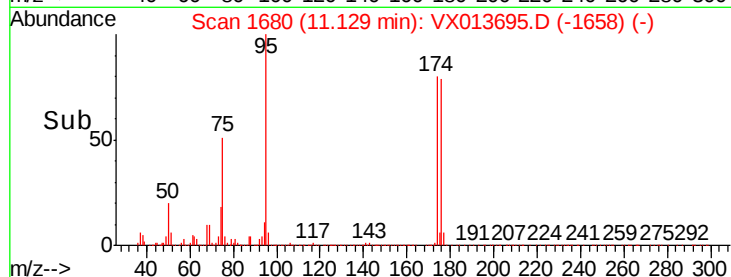
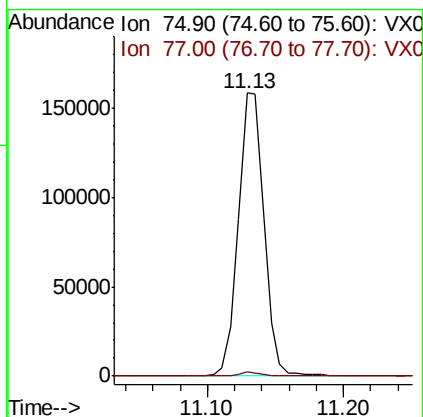
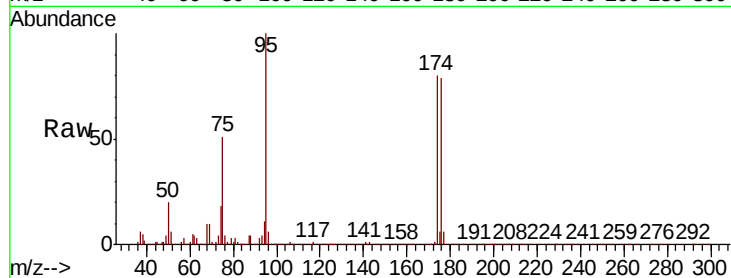
TRIP-BLANK

Tot Ion: 75 Resp: 207004

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.365 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013695.D

Acq: 29 Nov 2019 12:48

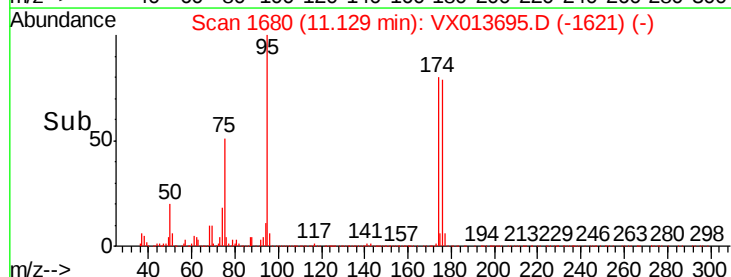
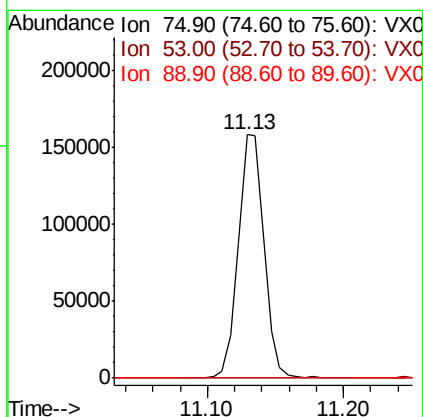
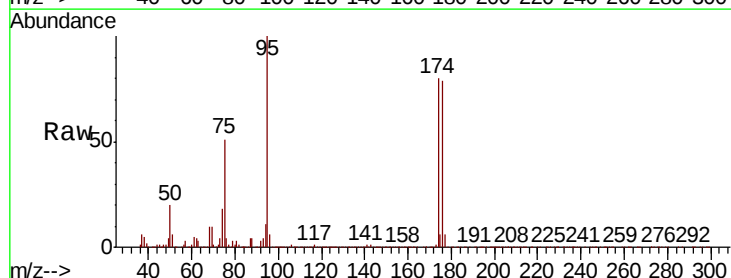
Tgt Ion: 75 Resp: 207004

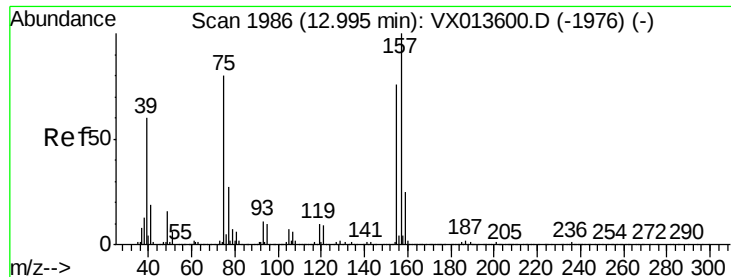
Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.2#

89 0.0 35.4 53.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.252 ug/l

RT: 12.99 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VX013695.D

Acq: 29 Nov 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

Tot Ion: 75 Resp: 567

Ion Ratio Lower Upper

75 100

155 22.2 47.6 142.8#

157 53.3 62.1 186.2#

