

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082119\
 Data File : VX011729.D
 Acq On : 21 Aug 2019 13:57
 Operator : JC/SP
 Sample : K4451-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 V-O-TRIP-BLANK

Quant Time: Aug 22 03:36:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	453057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	615461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	583174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	273496	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	218197	51.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.86%	
35) Dibromofluoromethane	5.49	113	185507	46.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.16%	
50) Toluene-d8	8.71	98	727850	58.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	116.06%	
62) 4-Bromofluorobenzene	11.13	95	266405	50.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.64%	

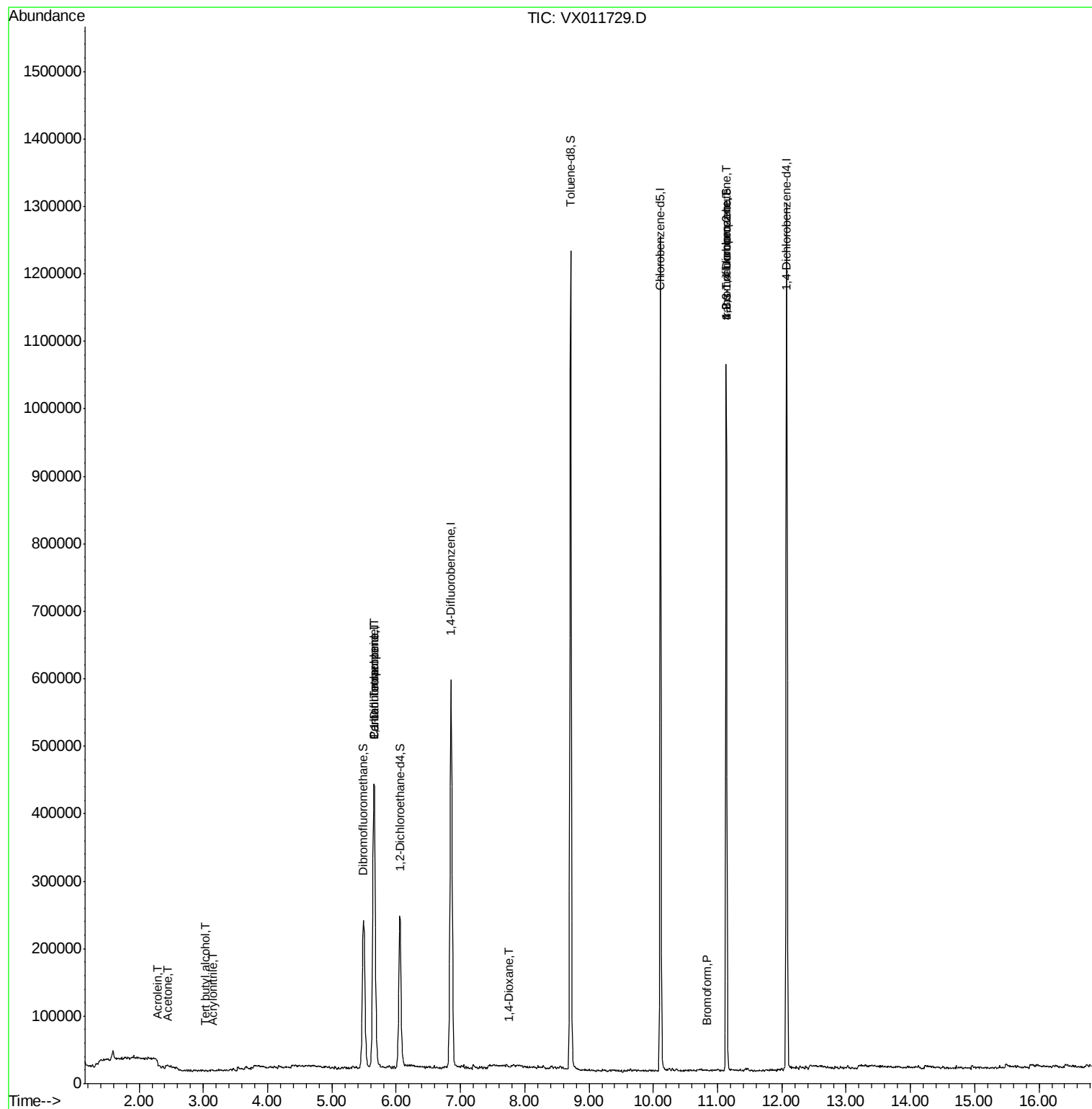
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	243	0.236	ug/l #	71
13) Acrolein	2.29	56	137	12.595	ug/l #	1
15) Acrylonitrile	3.15	53	582	0.247	ug/l #	55
16) Acetone	2.43	43	1194	0.565	ug/l #	43
36) 1,1-Dichloropropene	5.65	75	26880	5.108	ug/l #	49
38) Carbon Tetrachloride	5.66	117	39533	6.819	ug/l #	15
49) 1,4-Dioxane	7.75	88	286	2.299	ug/l #	33
71) Bromoform	10.82	173	178	3.328	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	123657	23.844	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	123657	63.282	ug/l #	11

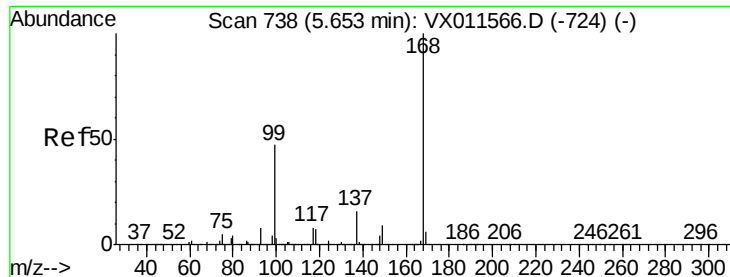
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082119\
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011729.D

Acq: 21 Aug 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

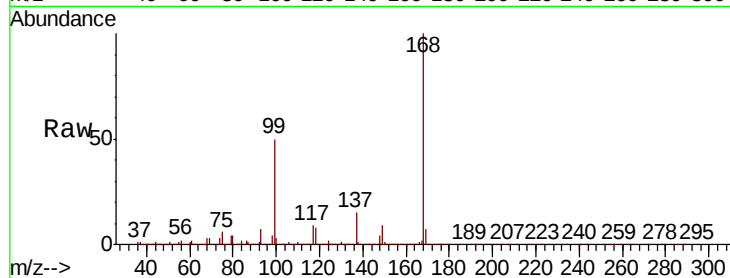
V-O-TRIP-BLANK

Tgt Ion:168 Resp: 453057

Ion Ratio Lower Upper

168 100

99 50.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

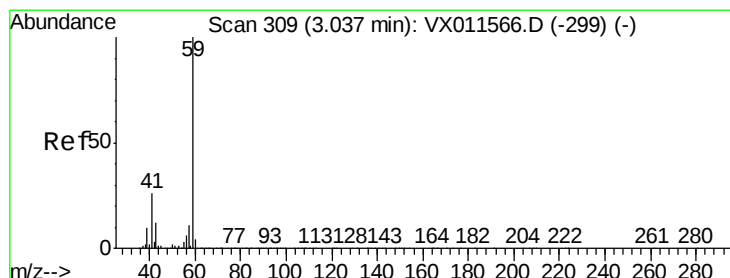
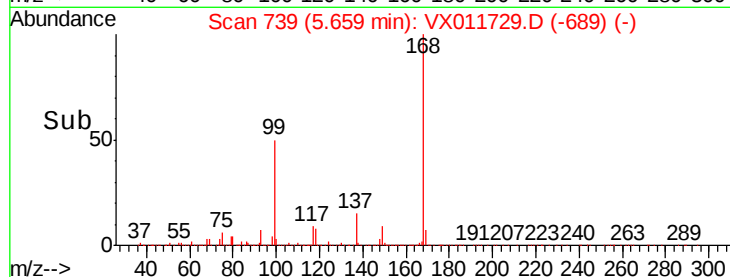
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 0.236 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.01 min

Lab File: VX011729.D

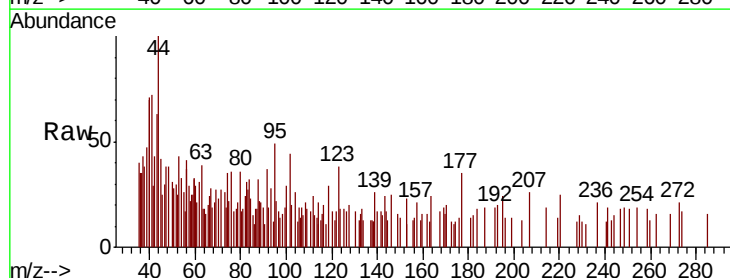
Acq: 21 Aug 2019 13:57

Tgt Ion: 59 Resp: 243

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

400

300

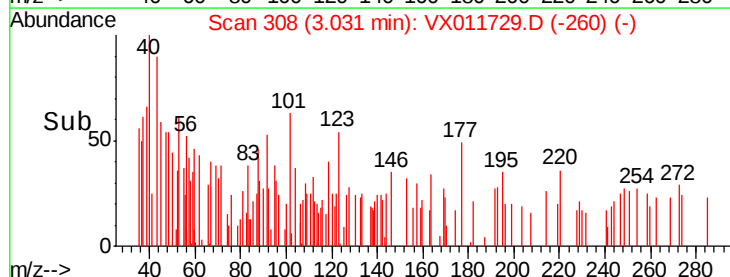
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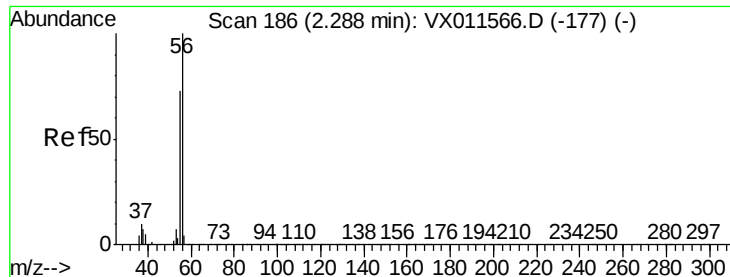
100

0

Time-->

3.02 3.03 3.04 3.05





#13

Acrolein

Concen: 12.595 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX011729.D

Acq: 21 Aug 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

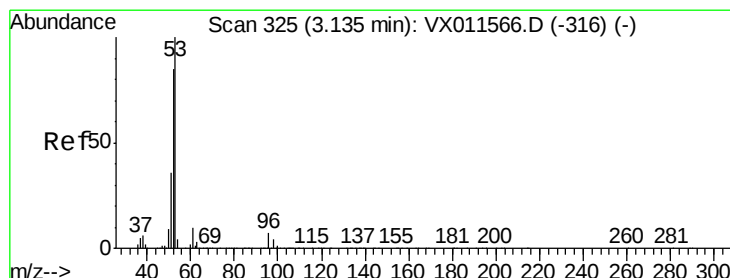
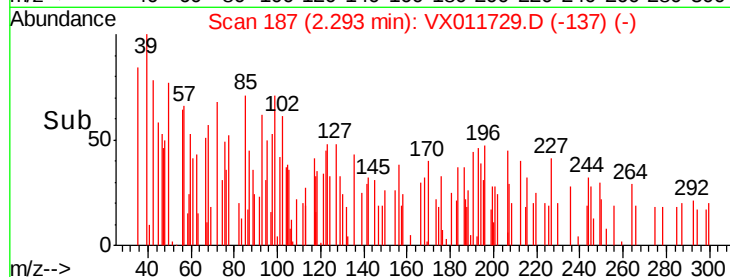
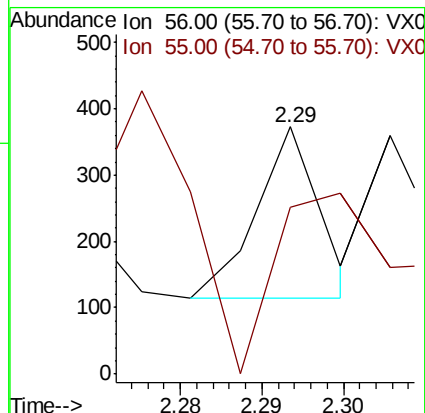
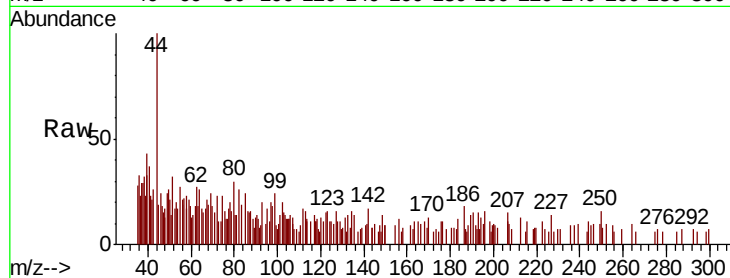
V-O-TRIP-BLANK

Tgt Ion: 56 Resp: 137

Ion Ratio Lower Upper

56 100

55 266.4 55.5 83.3#



#15

Acrylonitrile

Concen: 0.247 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX011729.D

Acq: 21 Aug 2019 13:57

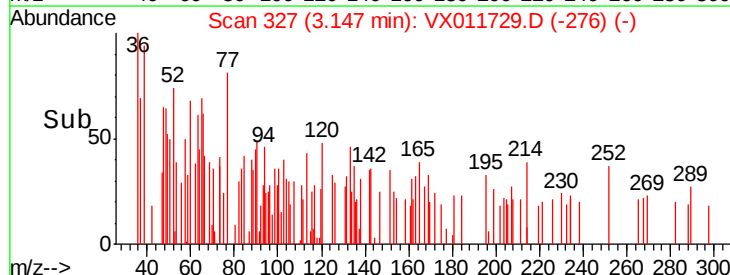
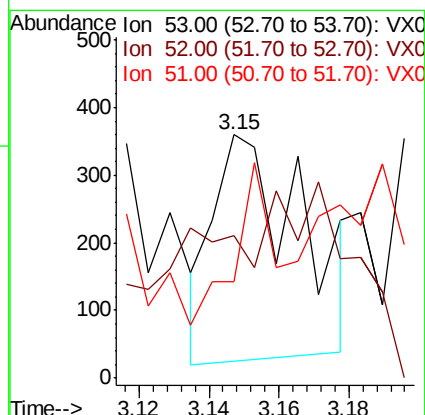
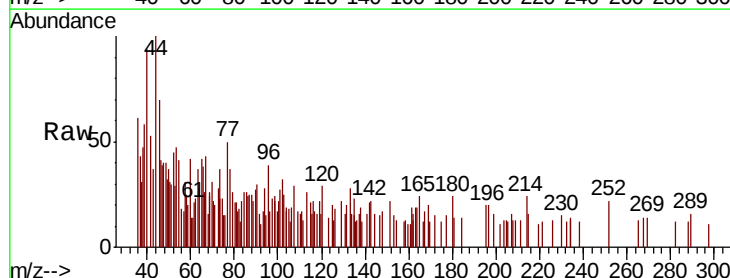
Tgt Ion: 53 Resp: 582

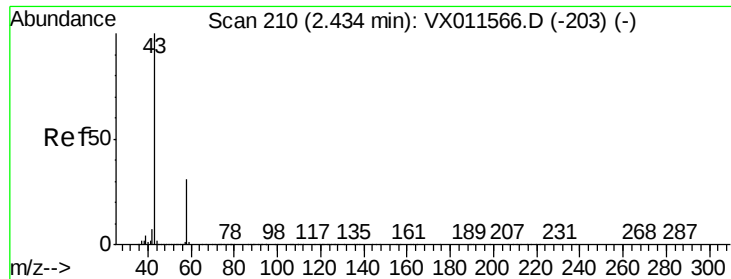
Ion Ratio Lower Upper

53 100

52 25.6 66.7 100.1#

51 34.5 28.7 43.1

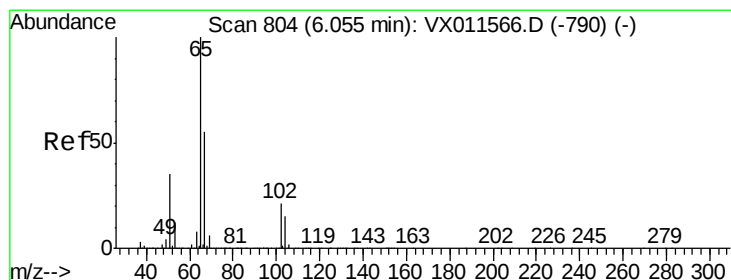
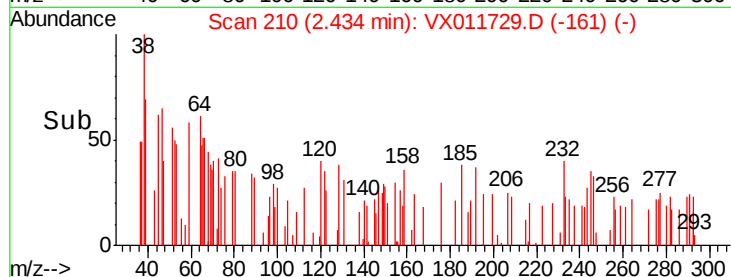
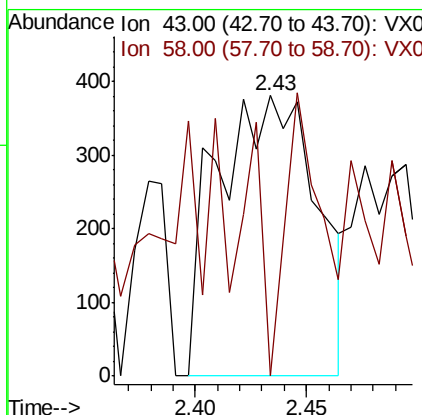
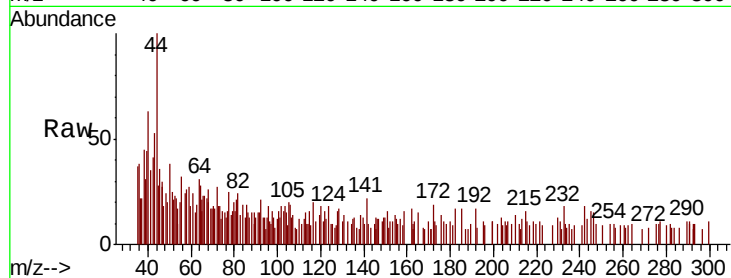




#16
Acetone
Concen: 0.565 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011729.D
Acq: 21 Aug 2019 13:57

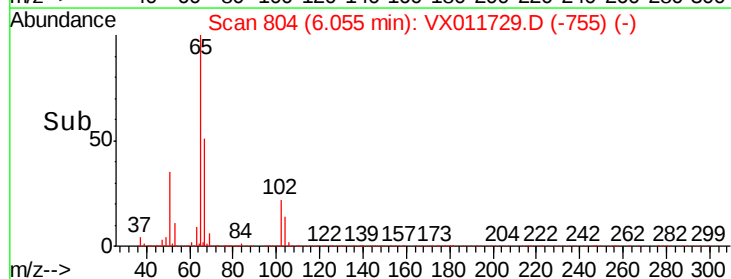
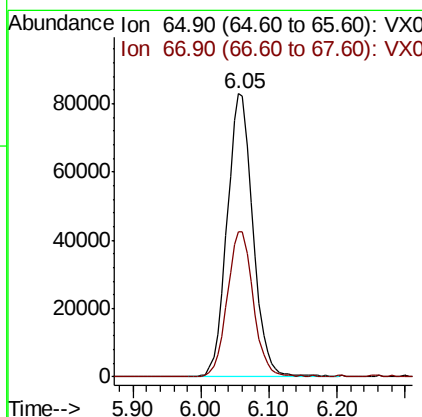
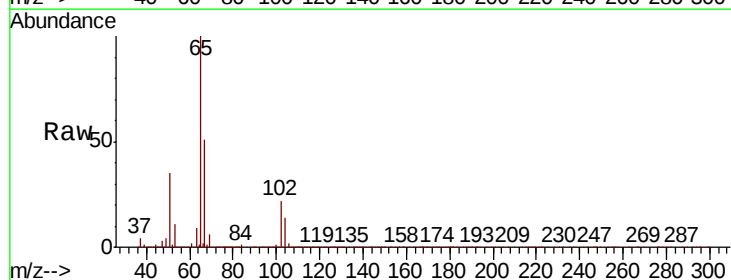
Instrument :
MSVOA_X
ClientSampleId :
V-O-TRIP-BLANK

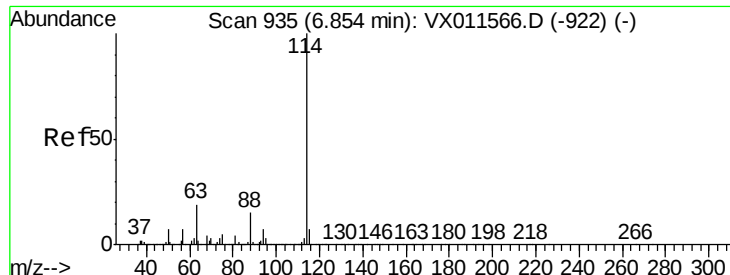
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#33
1,2-Dichloroethane-d4
Concen: 51.933 ug/l
RT: 6.05 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011729.D
Acq: 21 Aug 2019 13:57

Tgt Ion: 65 Resp: 218197
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.6

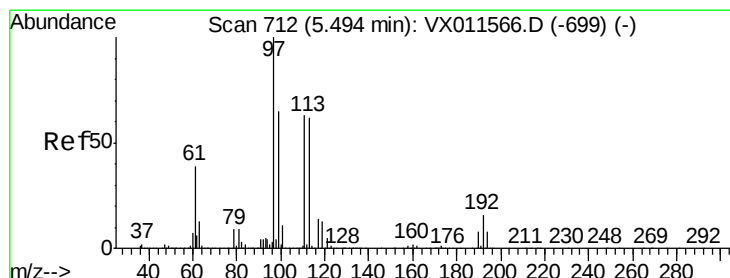
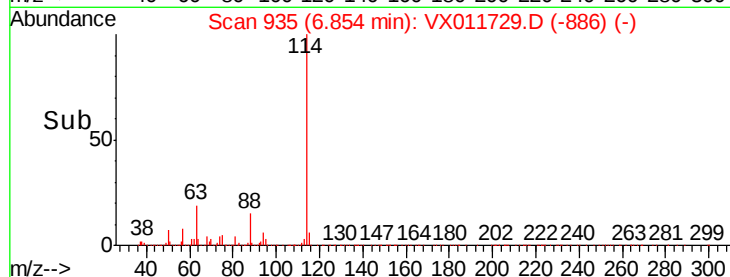
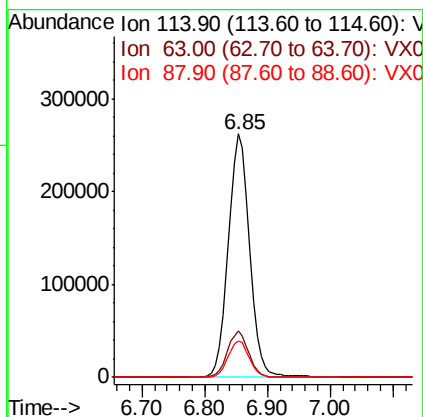
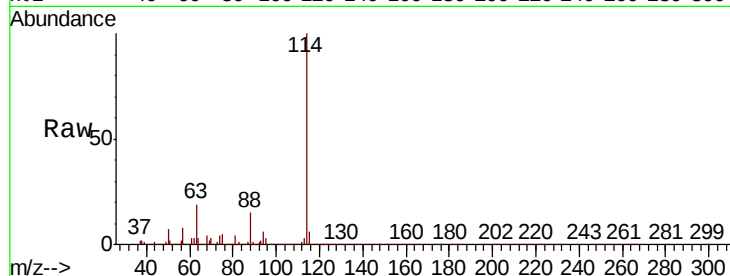




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011729.D
 Acq: 21 Aug 2019 13:57

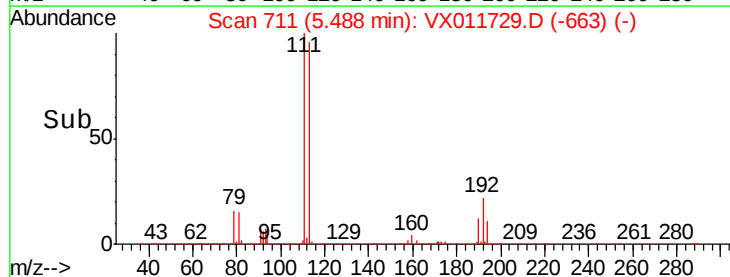
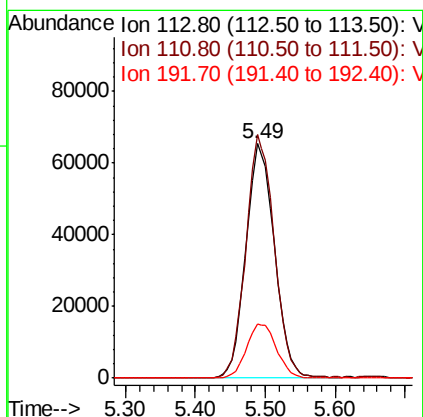
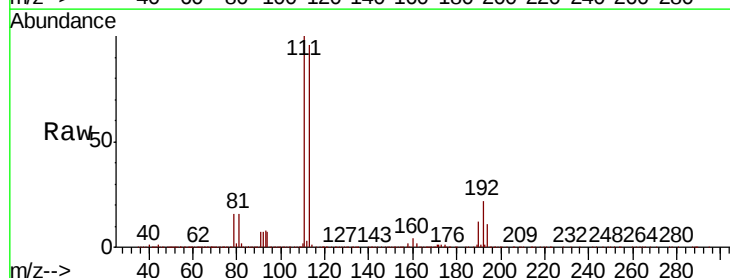
Instrument :
 MSVOA_X
 ClientSampleId :
 V-O-TRIP-BLANK

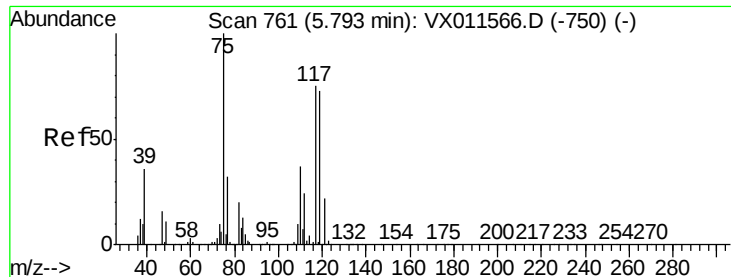
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	37.8
88	14.6	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 46.083 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011729.D
 Acq: 21 Aug 2019 13:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.1	121.7
192	24.4	20.8	31.2





#36

1,1-Dichloropropene

Concen: 5.108 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011729.D

Acq: 21 Aug 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

V-O-TRIP-BLANK

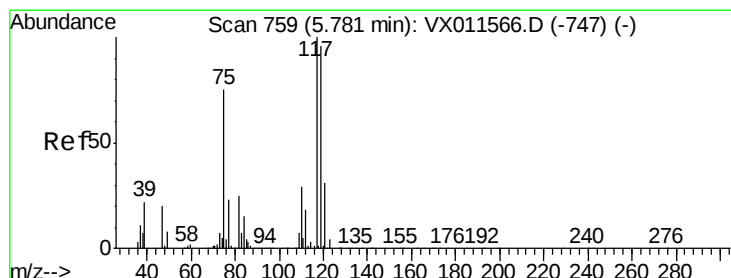
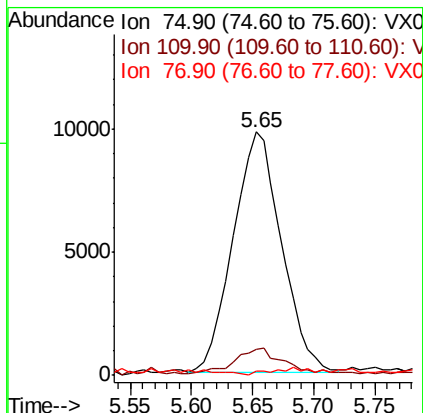
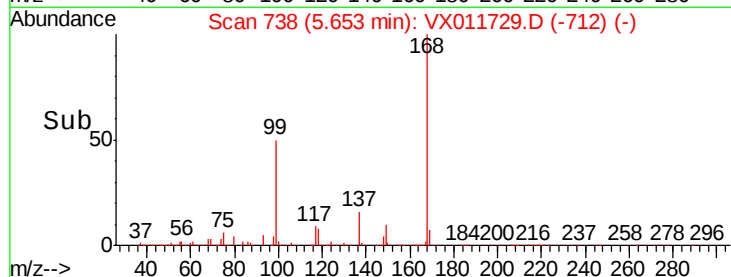
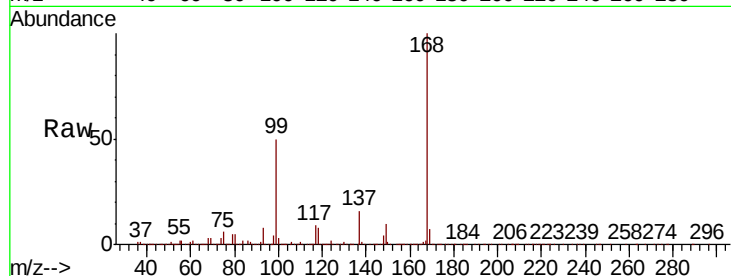
Tgt Ion: 75 Resp: 26880

Ion Ratio Lower Upper

75 100

110 10.3 19.4 58.1#

77 0.6 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.819 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX011729.D

Acq: 21 Aug 2019 13:57

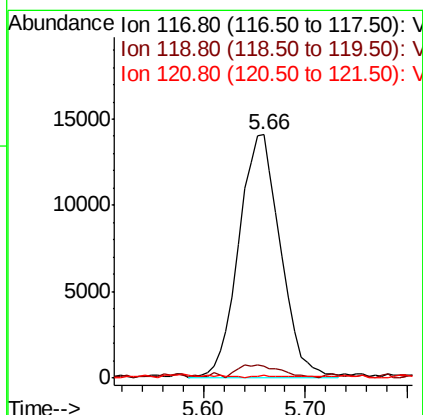
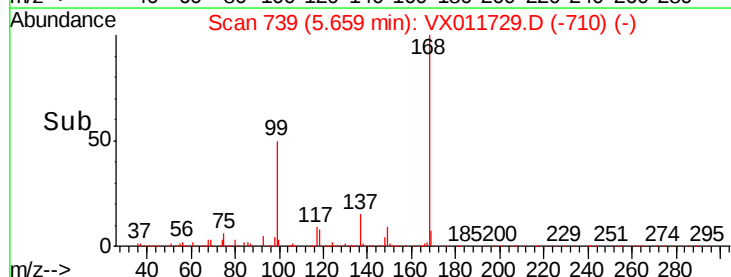
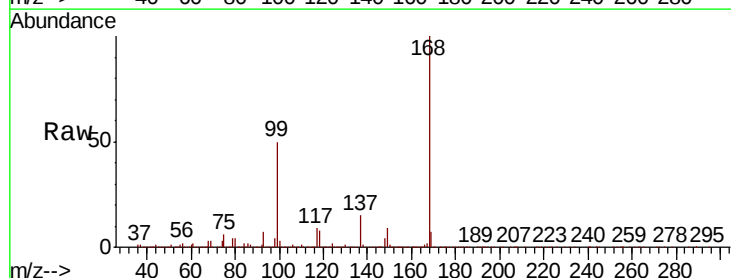
Tgt Ion: 117 Resp: 39533

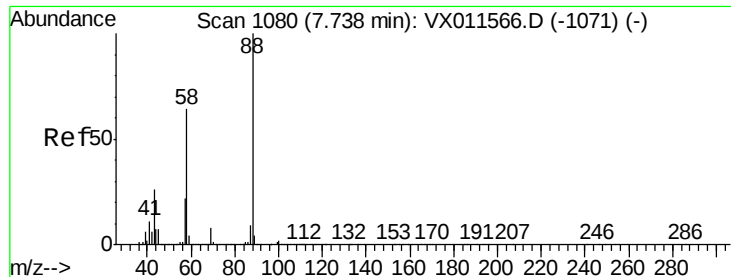
Ion Ratio Lower Upper

117 100

119 4.0 76.9 115.3#

121 0.4 24.8 37.2#

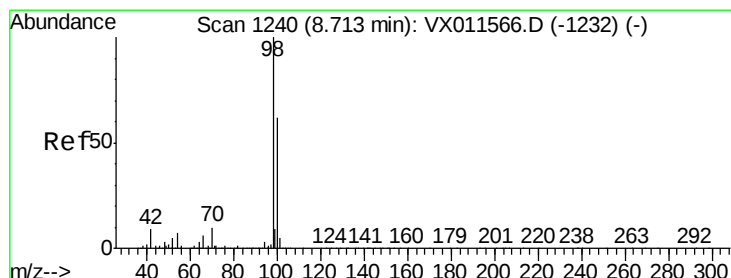
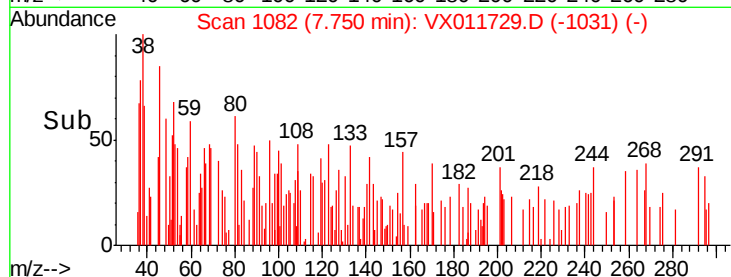
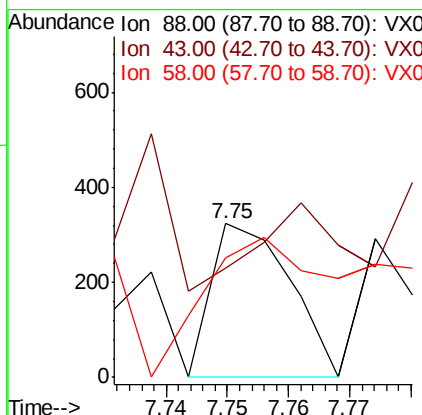
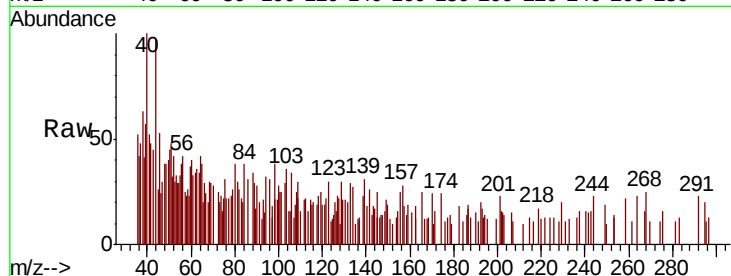




#49
1,4-Dioxane
Concen: 2.299 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX011729.D
Acq: 21 Aug 2019 13:57

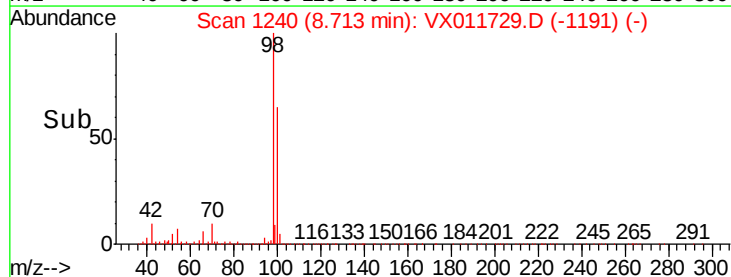
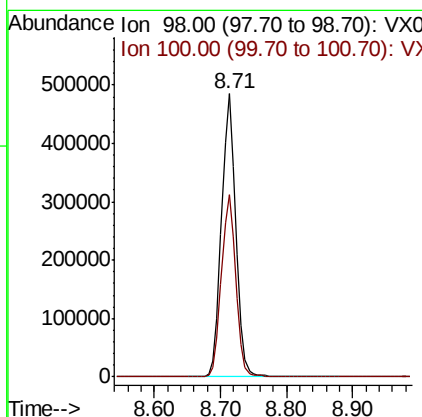
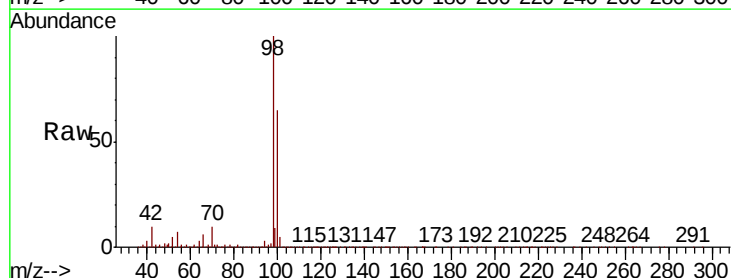
Instrument :
MSVOA_X
ClientSampleId :
V-O-TRIP-BLANK

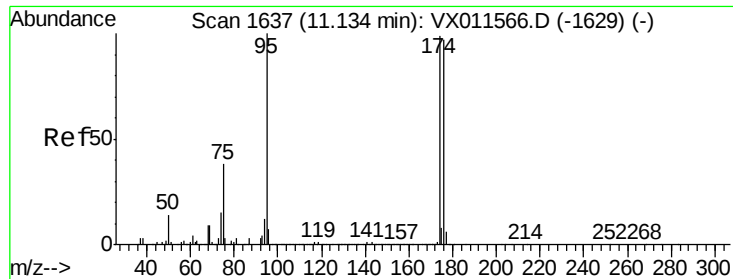
Tgt Ion: 88 Resp: 286
Ion Ratio Lower Upper
88 100
43 35.0 23.4 35.0
58 141.6 54.3 81.5#



#50
Toluene-d8
Concen: 58.029 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011729.D
Acq: 21 Aug 2019 13:57

Tgt Ion: 98 Resp: 727850
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6

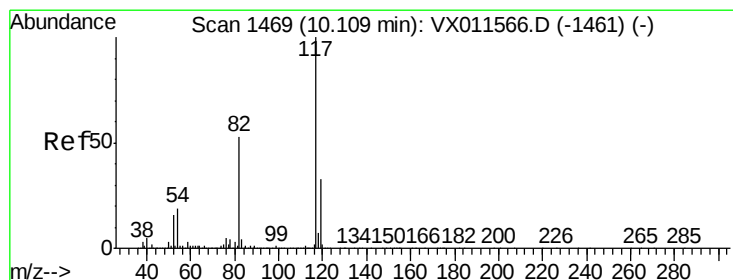
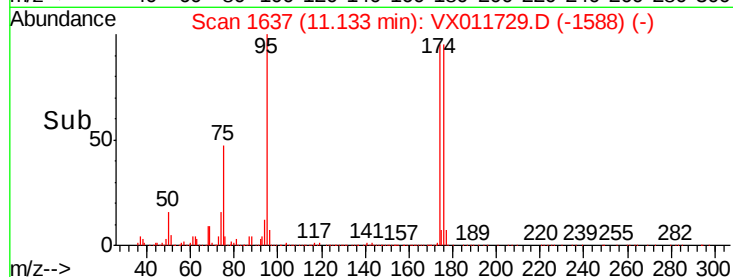
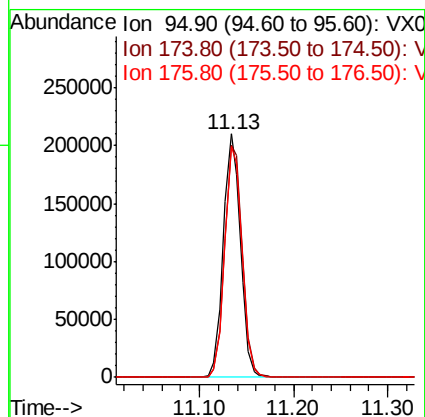
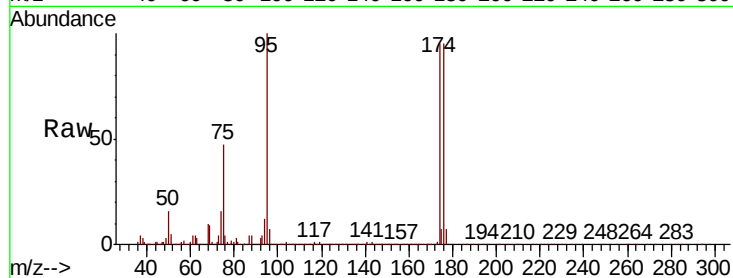




#62
4-Bromofluorobenzene
Concen: 50.320 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011729.D
Acq: 21 Aug 2019 13:57

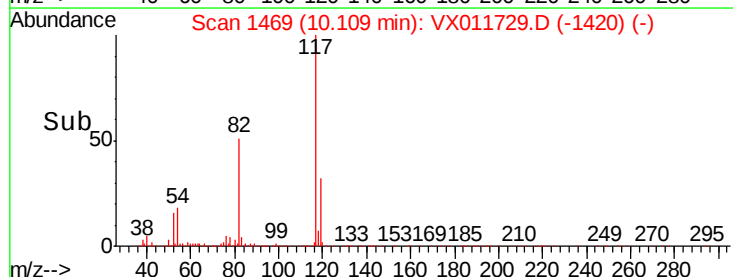
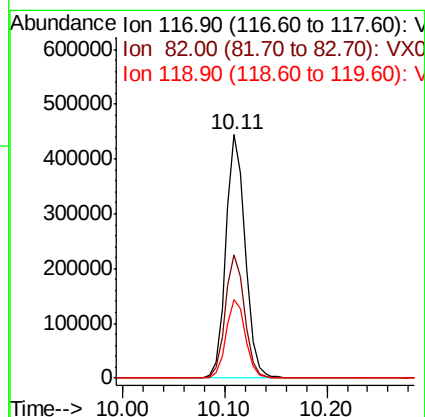
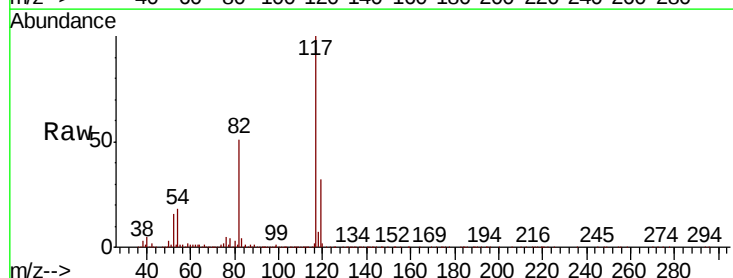
Instrument :
MSVOA_X
ClientSampleId :
V-O-TRIP-BLANK

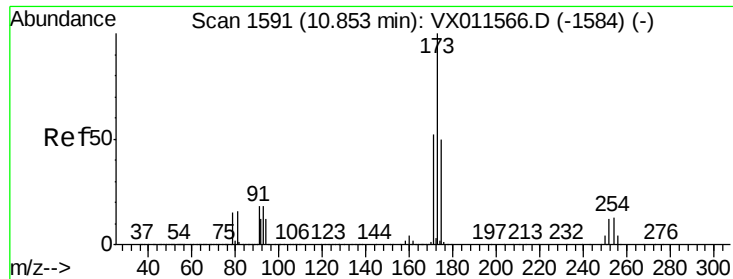
Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	200.6
176	95.3	0.0	196.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011729.D
Acq: 21 Aug 2019 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.0	63.0
119	32.2	26.5	39.7

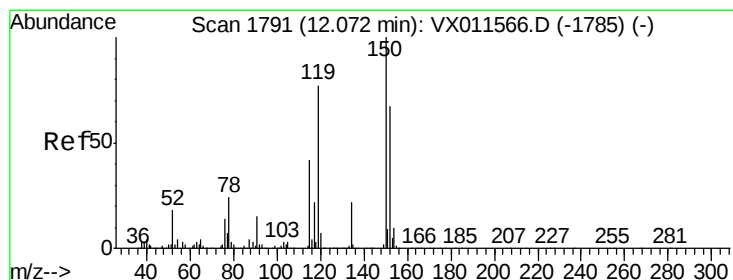
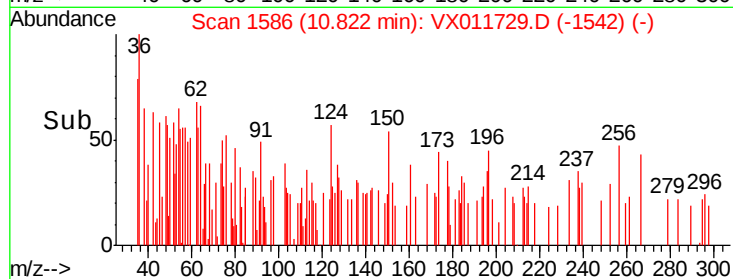
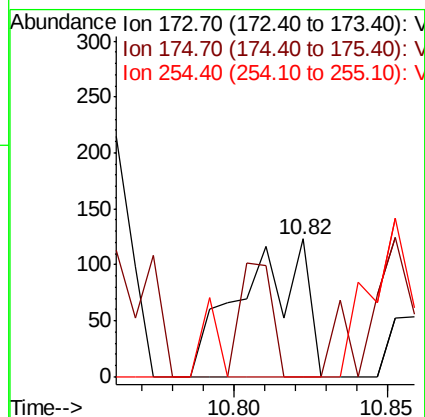
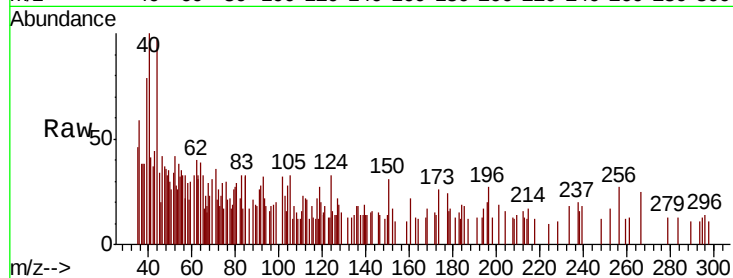




#71
Bromoform
Concen: 3.328 ug/l
RT: 10.82 min Scan# 1586
Delta R.T. -0.03 min
Lab File: VX011729.D
Acq: 21 Aug 2019 13:57

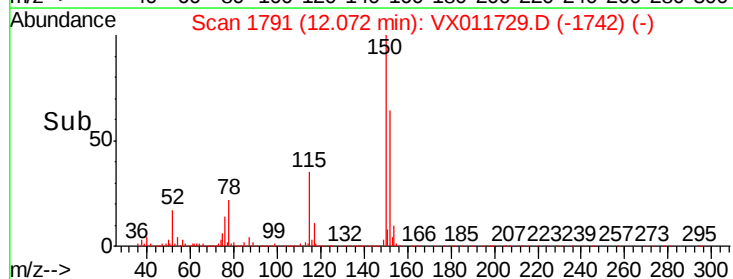
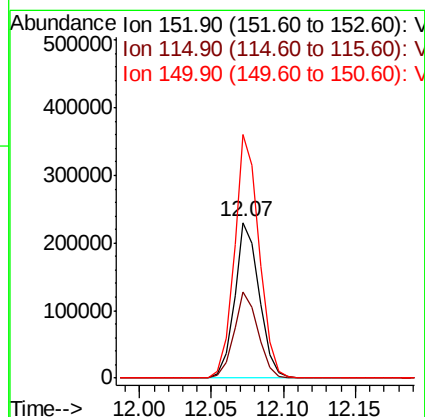
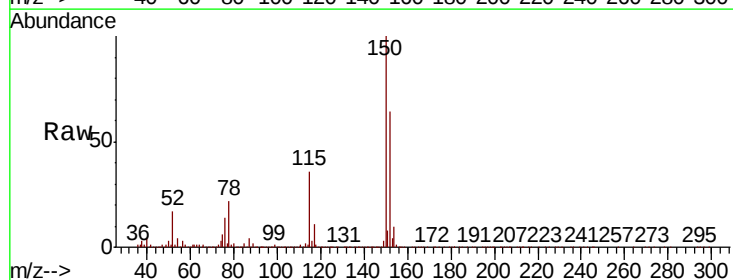
Instrument :
MSVOA_X
ClientSampled :
V-O-TRIP-BLANK

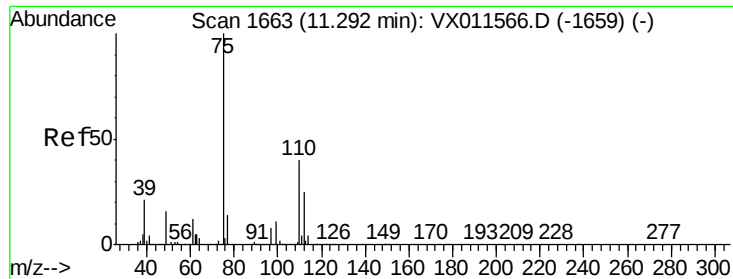
Tgt Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.7#
254	0.0	0.1	0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011729.D
Acq: 21 Aug 2019 13:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	37.3	111.9
150	158.0	0.0	346.2





#76

1,2,3-Trichloropropane

Concen: 23.844 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011729.D

Acq: 21 Aug 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

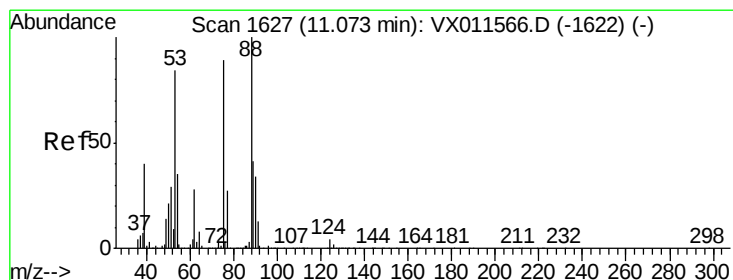
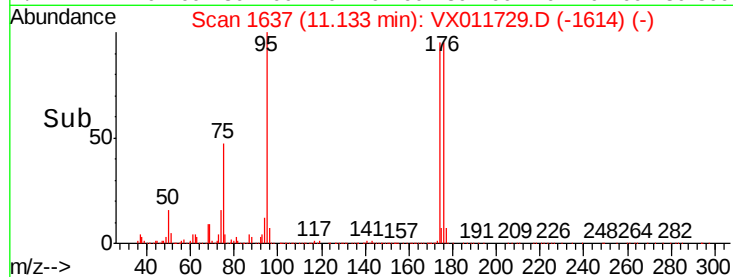
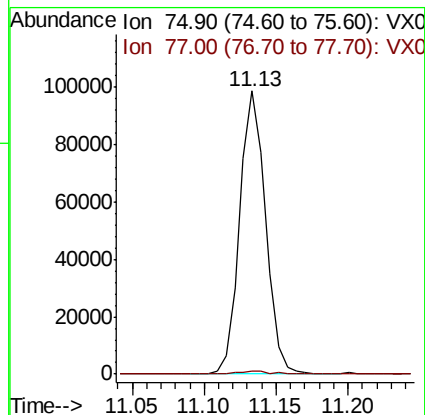
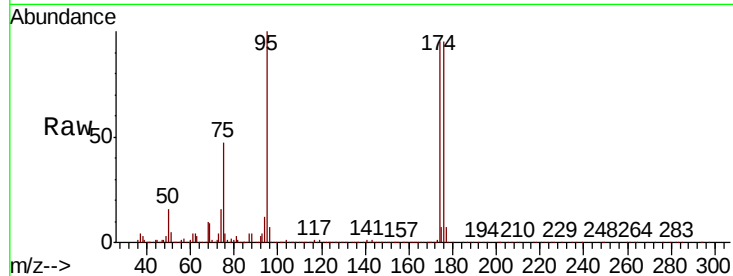
V-O-TRIP-BLANK

Tgt Ion: 75 Resp: 123657

Ion Ratio Lower Upper

75 100

77 1.5 20.9 62.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.282 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011729.D

Acq: 21 Aug 2019 13:57

Tgt Ion: 75 Resp: 123657

Ion Ratio Lower Upper

75 100

53 0.2 77.4 116.0#

89 0.0 37.3 55.9#

