

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
 Data File : VX011842.D
 Acq On : 27 Aug 2019 12:09
 Operator : JC/SP
 Sample : VX0827WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBL01

Quant Time: Aug 28 02:19:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	431887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	594102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	529735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	254313	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	213352	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
35) Dibromofluoromethane	5.49	113	183926	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
50) Toluene-d8	8.71	98	680350	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.13	95	248478	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	

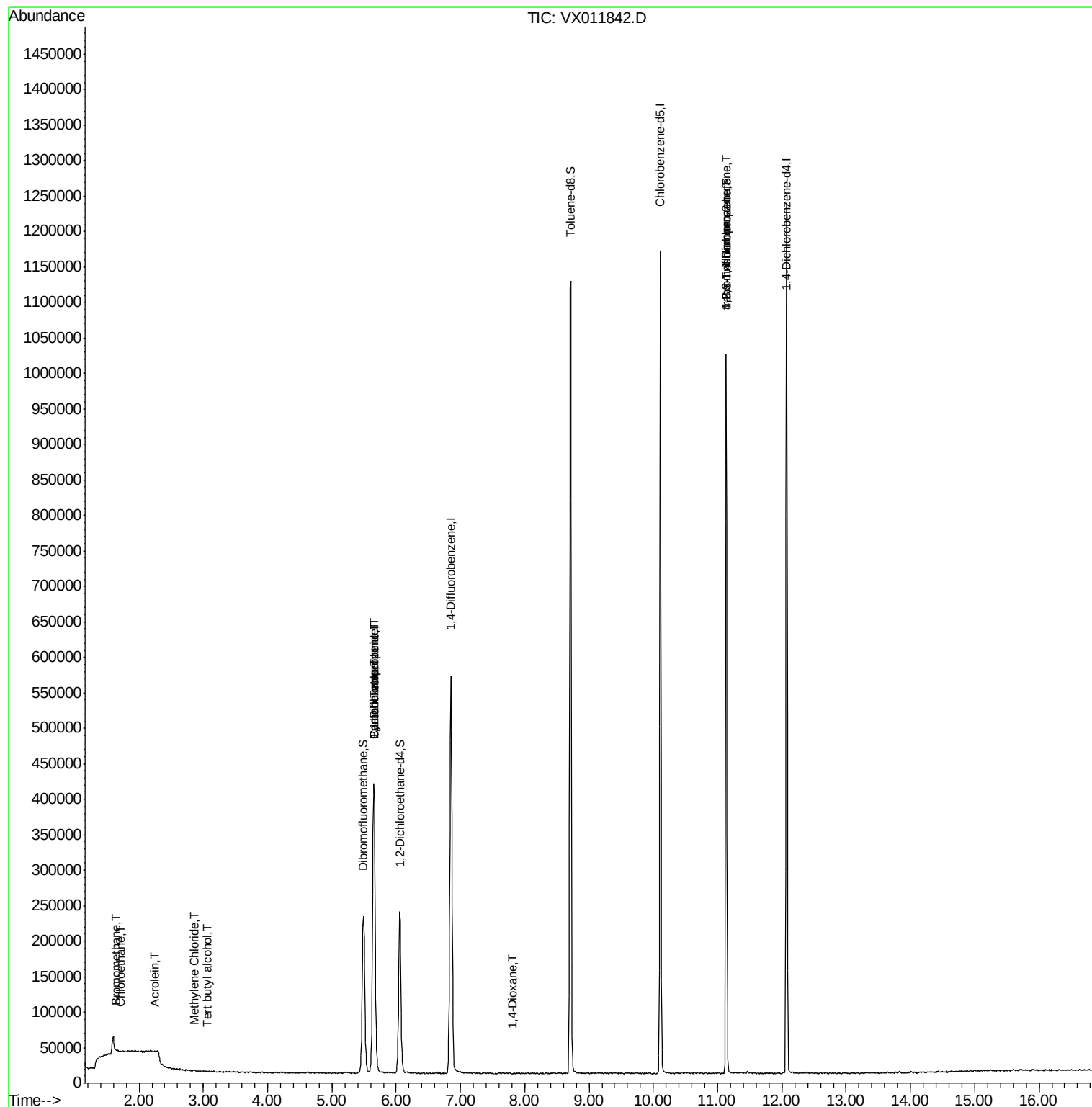
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	528	0.271	ug/l #	79
6) Chloroethane	1.71	64	484	0.234	ug/l #	62
11) Tert butyl alcohol	3.06	59	192	0.224	ug/l #	1
13) Acrolein	2.25	56	247	0.745	ug/l #	1
20) Methylene Chloride	2.85	84	954	0.247	ug/l #	95
31) Cyclohexane	5.65	56	7836	1.469	ug/l #	3
36) 1,1-Dichloropropene	5.65	75	27506	5.904	ug/l #	51
38) Carbon Tetrachloride	5.65	117	37609	7.123	ug/l #	16
49) 1,4-Dioxane	7.80	88	40	0.364	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	123497	27.675	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	123497	83.462	ug/l #	11

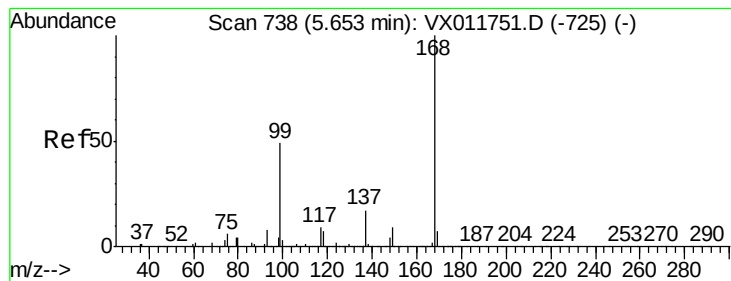
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
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ClientSampleId :
VX0827WBL01

Quant Time: Aug 28 02:19:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011842.D

Acq: 27 Aug 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

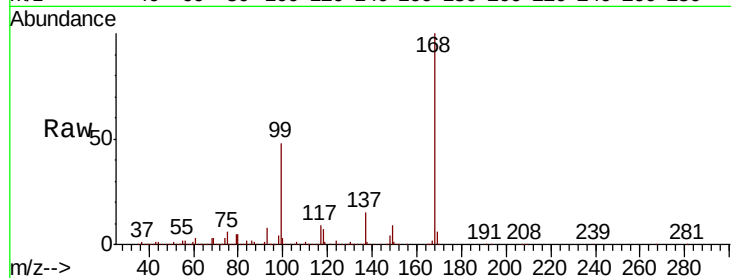
VX0827WBL01

Tgt Ion:168 Resp: 431887

Ion Ratio Lower Upper

168 100

99 48.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

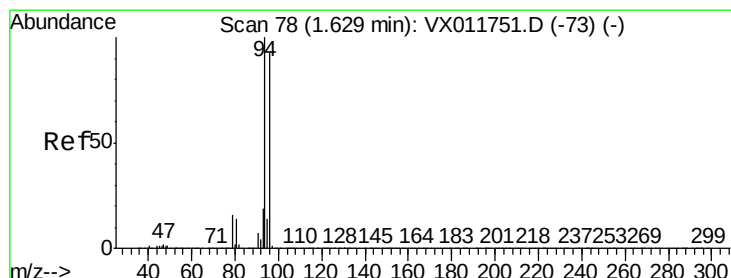
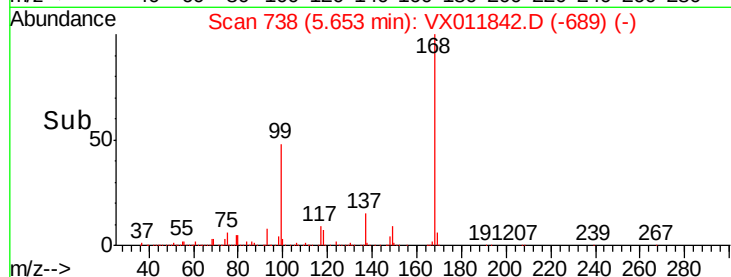
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.271 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX011842.D

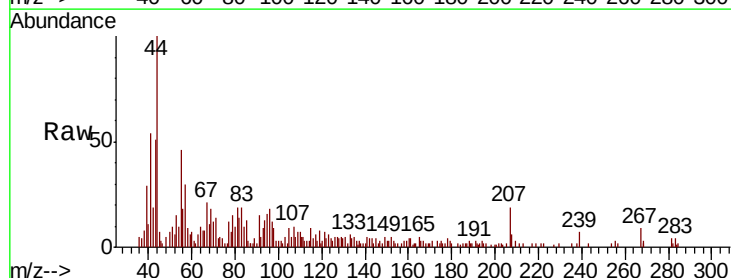
Acq: 27 Aug 2019 12:09

Tgt Ion: 94 Resp: 528

Ion Ratio Lower Upper

94 100

96 72.7 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

800

600

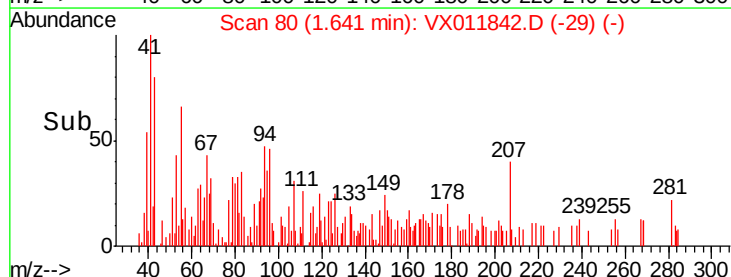
400

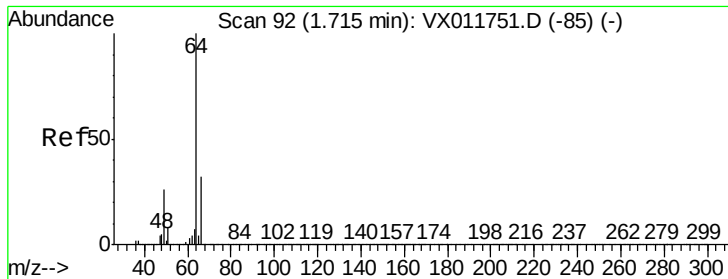
200

0

Time-->

1.60 1.65 1.70





#6

Chloroethane

Concen: 0.234 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011842.D

Acq: 27 Aug 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

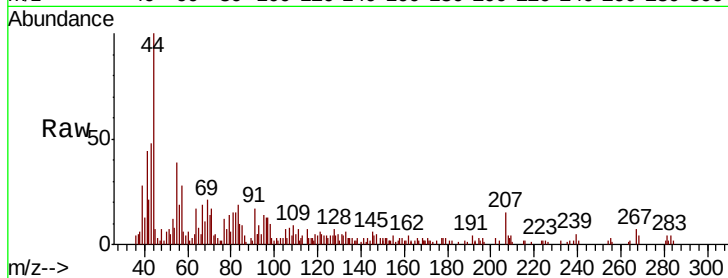
VX0827WBL01

Tgt Ion: 64 Resp: 484

Ion Ratio Lower Upper

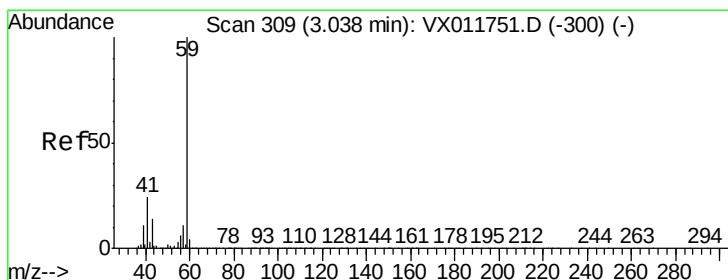
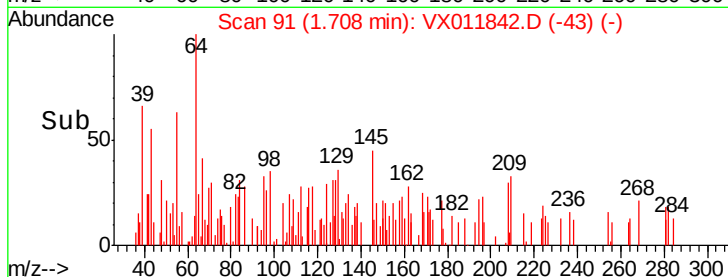
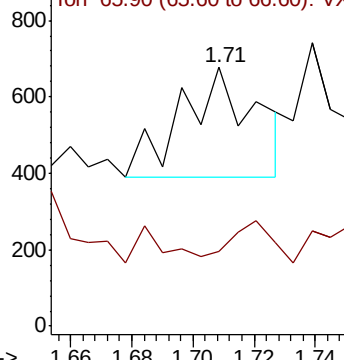
64 100

66 10.4 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 0.224 ug/l

RT: 3.06 min Scan# 312

Delta R.T. 0.02 min

Lab File: VX011842.D

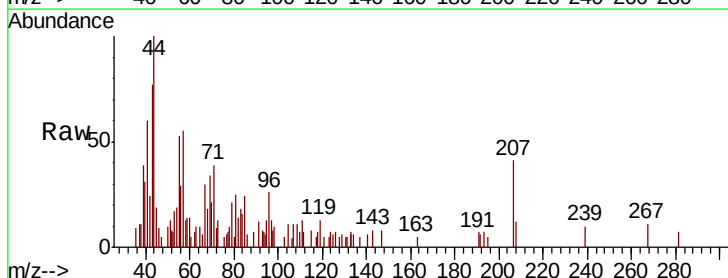
Acq: 27 Aug 2019 12:09

Tgt Ion: 59 Resp: 192

Ion Ratio Lower Upper

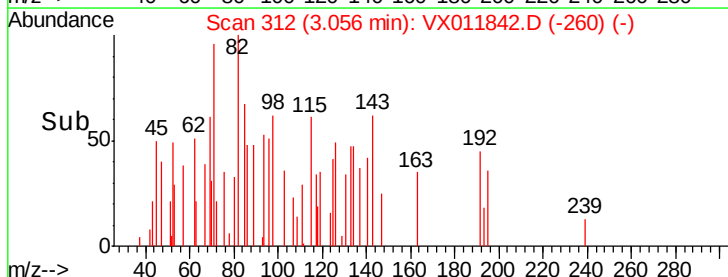
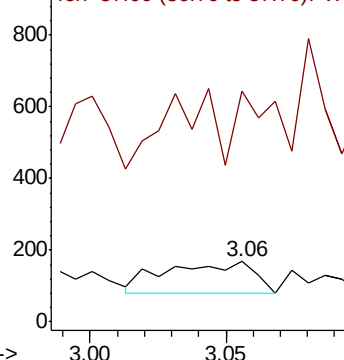
59 100

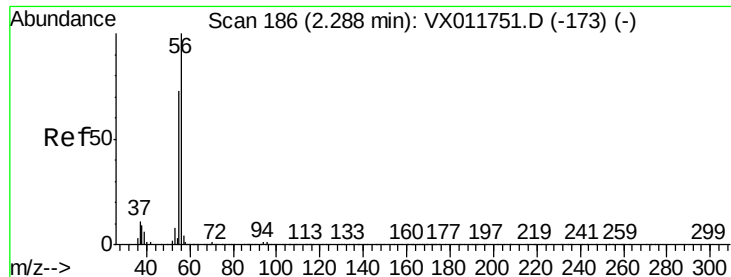
57 140.6 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.745 ug/l

RT: 2.25 min Scan# 180

Delta R.T. -0.04 min

Lab File: VX011842.D

Acq: 27 Aug 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

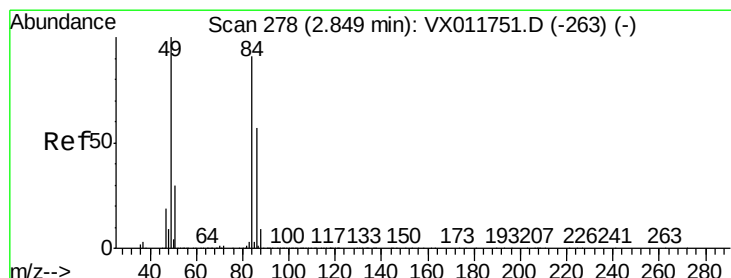
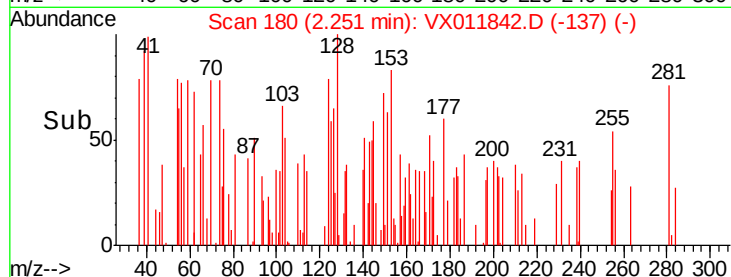
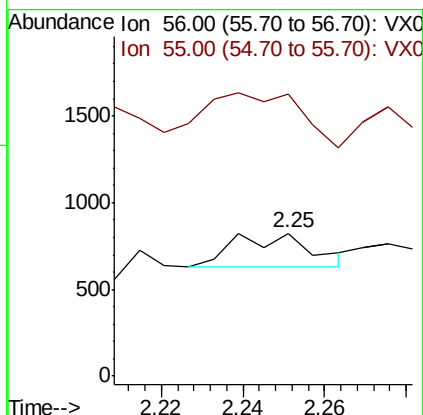
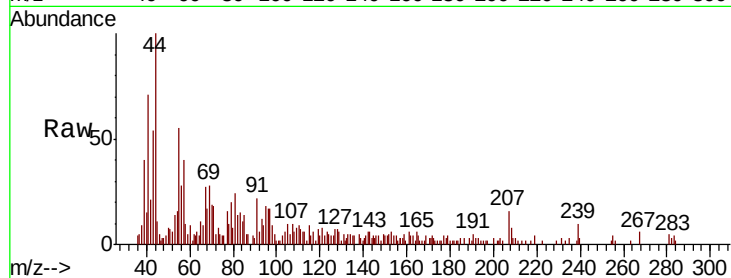
VX0827WBL01

Tgt Ion: 56 Resp: 247

Ion Ratio Lower Upper

56 100

55 191.9 54.8 82.2#



#20

Methylene Chloride

Concen: 0.247 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011842.D

Acq: 27 Aug 2019 12:09

Tgt Ion: 84 Resp: 954

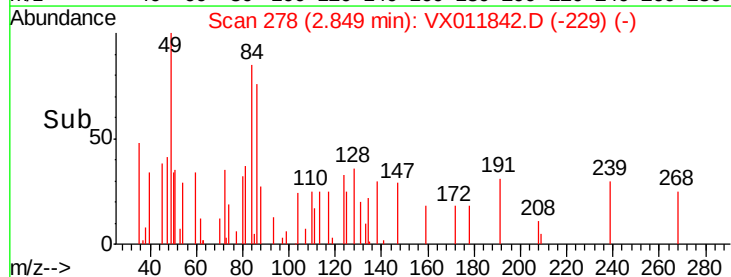
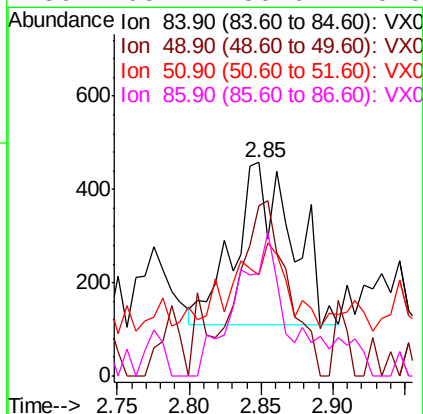
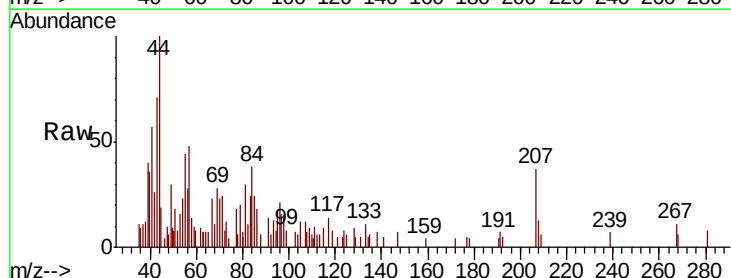
Ion Ratio Lower Upper

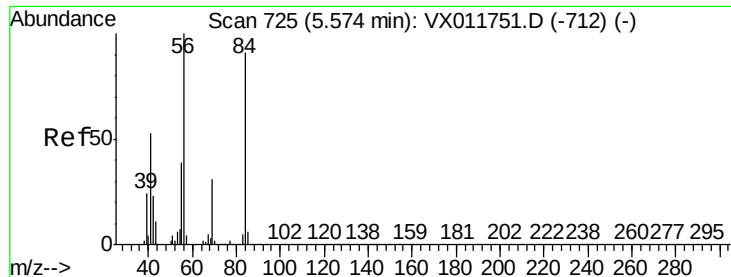
84 100

49 104.9 88.3 132.5

51 24.2 26.2 39.2#

86 63.1 50.6 76.0

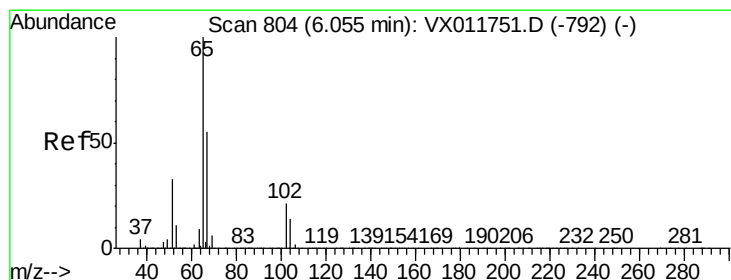
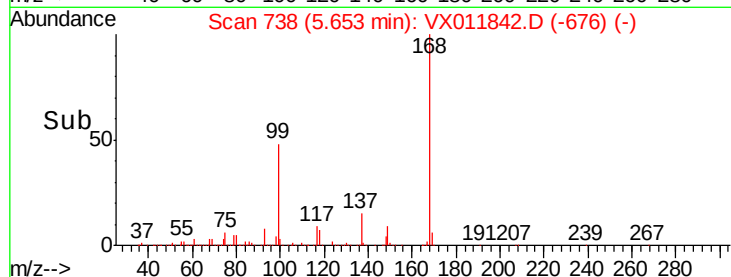
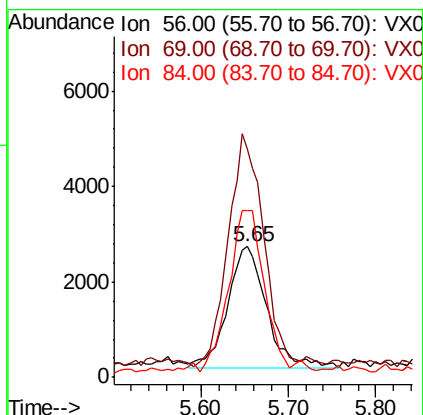
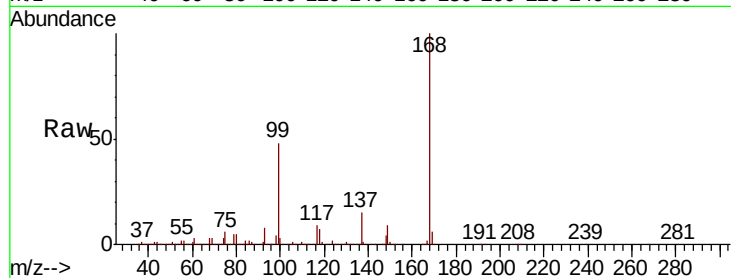




#31
Cyclohexane
Concen: 1.469 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX011842.D
Acq: 27 Aug 2019 12:09

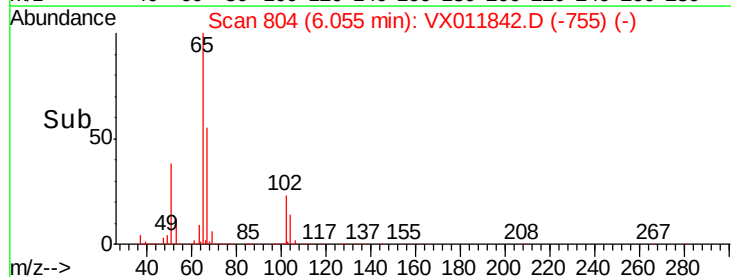
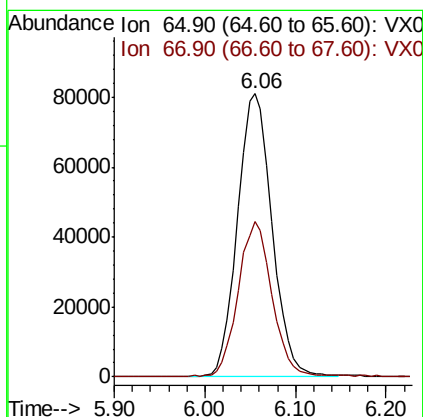
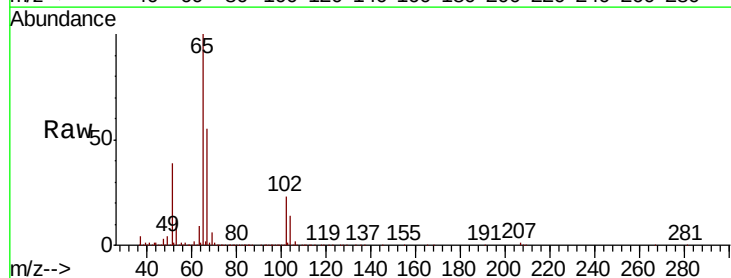
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

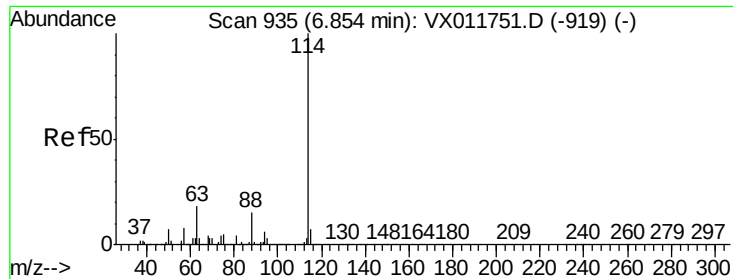
Tgt Ion: 56 Resp: 7836
Ion Ratio Lower Upper
56 100
69 176.8 24.5 36.7#
84 128.8 72.7 109.1#



#33
1,2-Dichloroethane-d4
Concen: 49.176 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011842.D
Acq: 27 Aug 2019 12:09

Tgt Ion: 65 Resp: 213352
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.8

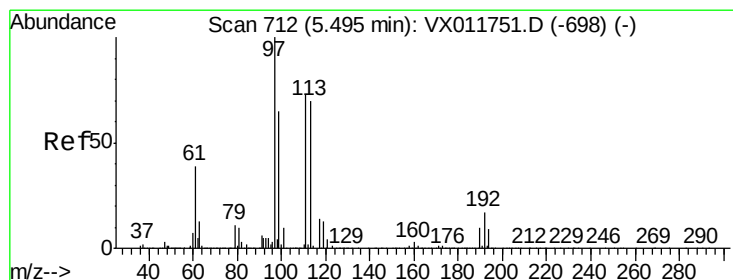
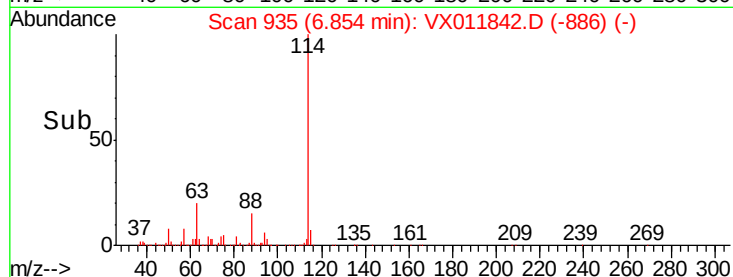
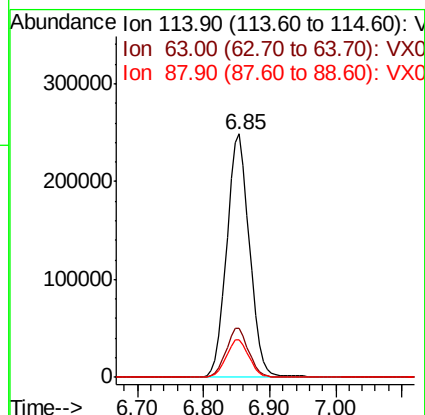
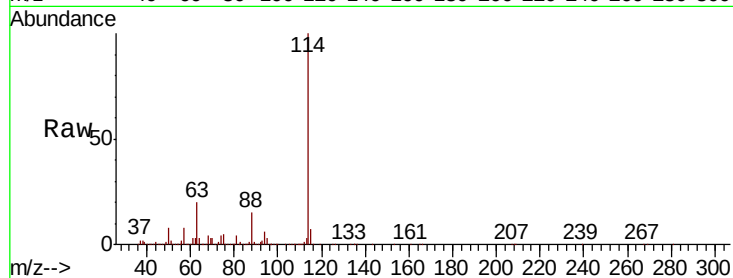




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011842.D
 Acq: 27 Aug 2019 12:09

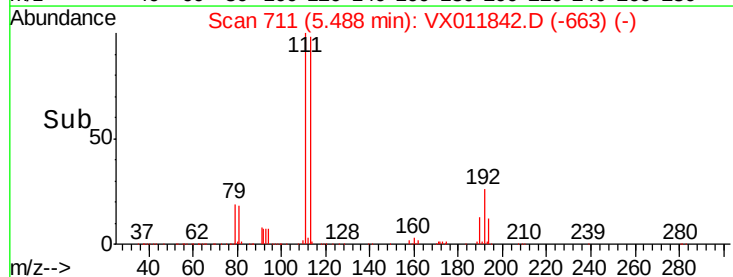
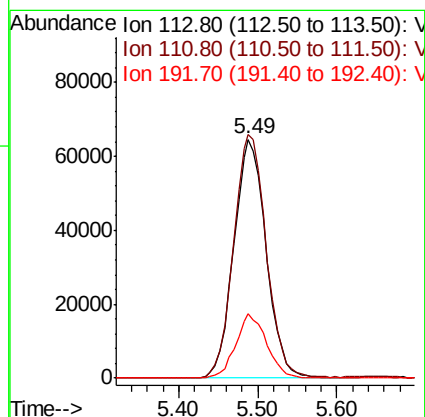
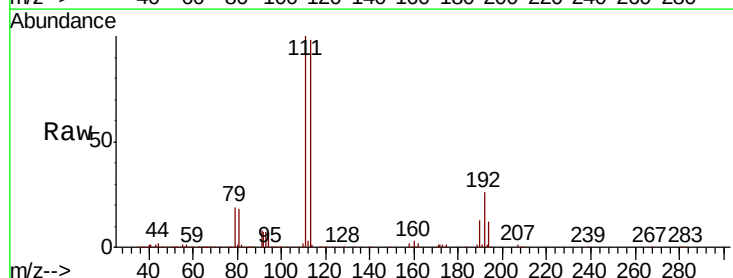
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBL01

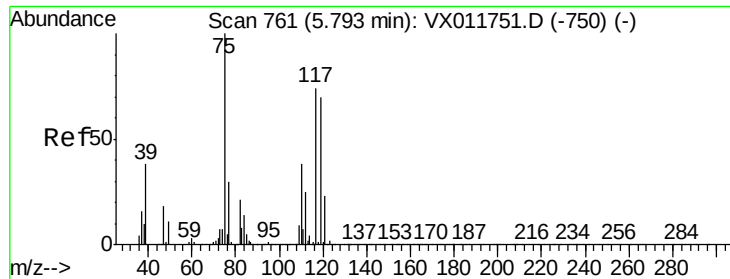
Tgt Ion:	114	Resp:	594102
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	36.8
88	15.3	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 47.876 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011842.D
 Acq: 27 Aug 2019 12:09

Tgt Ion:	113	Resp:	183926
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.4
192	25.7	19.9	29.9

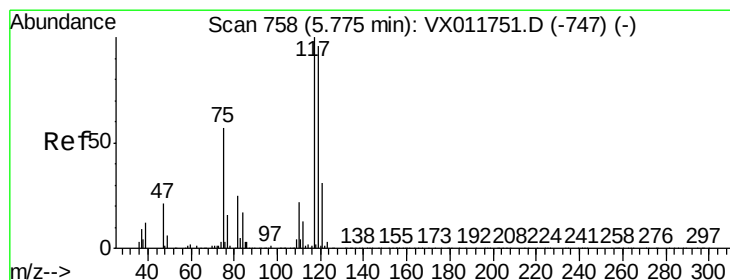
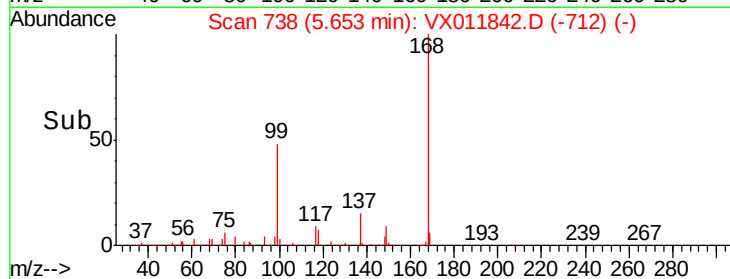
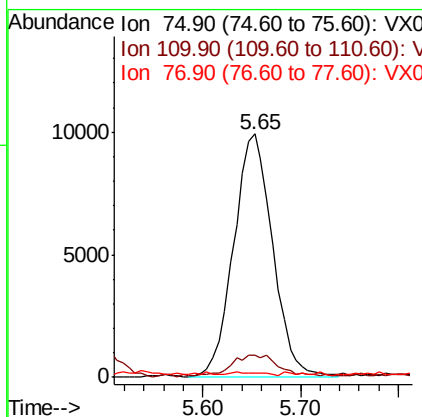
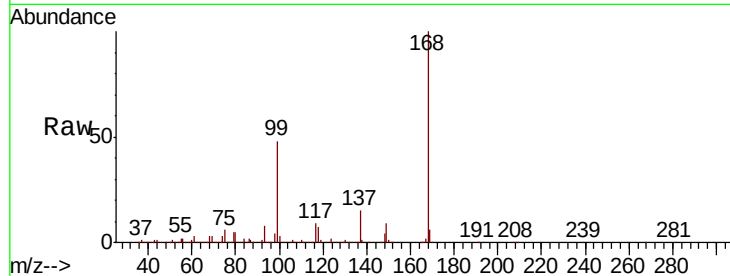




#36
 1,1-Dichloropropene
 Concen: 5.904 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011842.D
 Acq: 27 Aug 2019 12:09

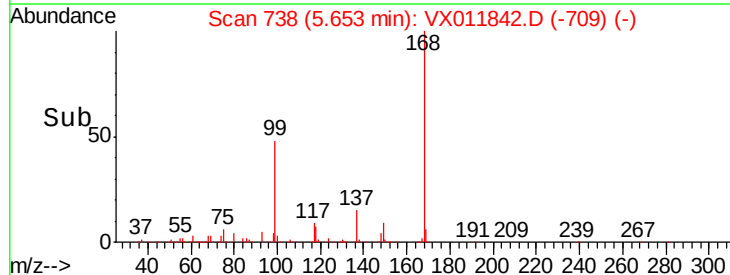
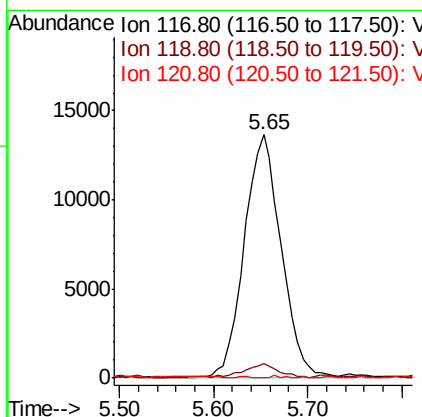
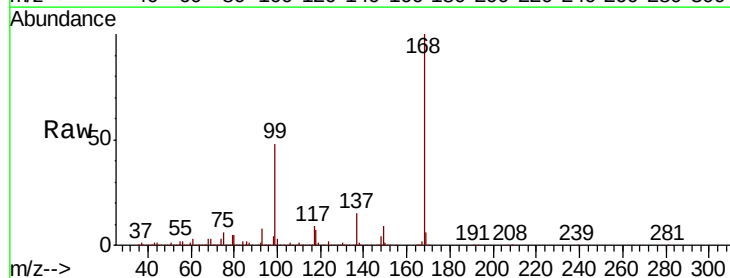
Instrument :
 MSVOA_X
 ClientSampled :
 VX0827WBL01

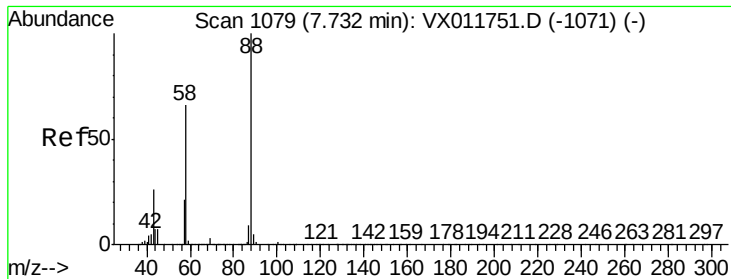
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	19.0	57.0#
77	0.8	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 7.123 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.12 min
 Lab File: VX011842.D
 Acq: 27 Aug 2019 12:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.6	114.8#
121	0.4	25.2	37.8#

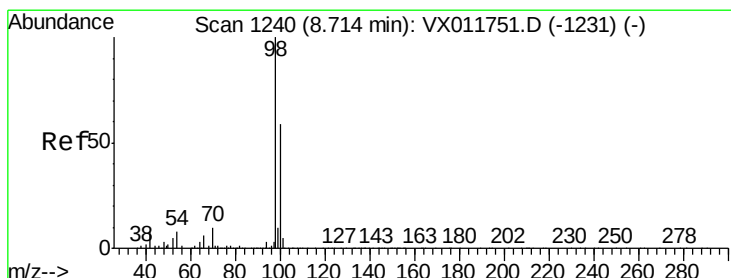
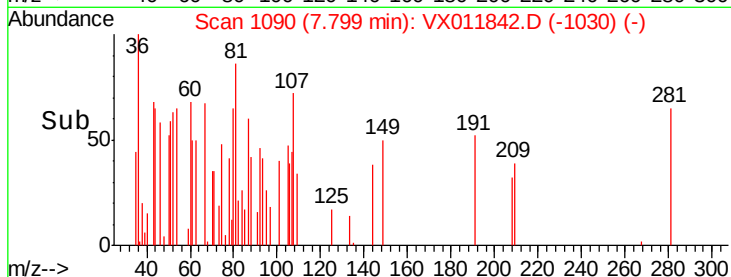
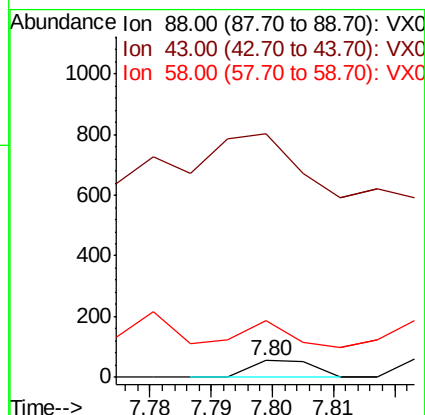
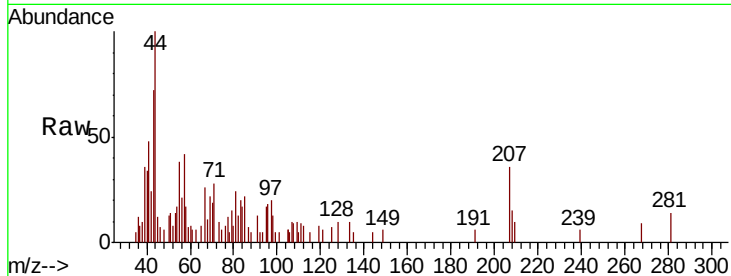




#49
1,4-Dioxane
Concen: 0.364 ug/l
RT: 7.80 min Scan# 1090
Delta R.T. 0.07 min
Lab File: VX011842.D
Acq: 27 Aug 2019 12:09

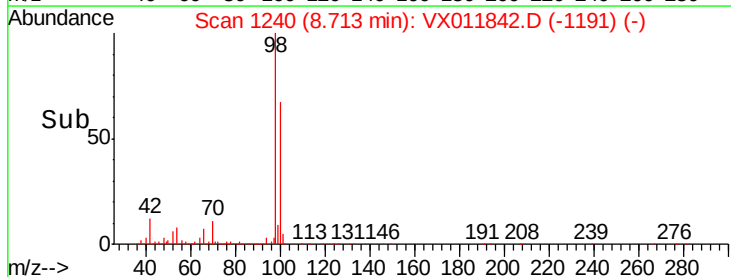
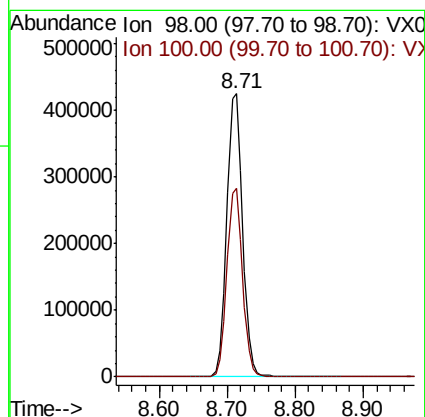
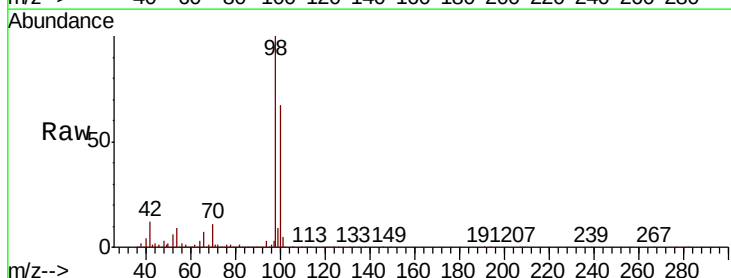
Instrument :
MSVOA_X
ClientSampled :
VX0827WBL01

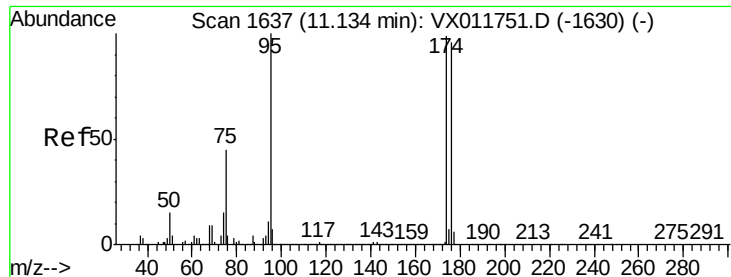
Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 760.0 24.6 37.0#
58 92.5 51.4 77.2#



#50
Toluene-d8
Concen: 50.773 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011842.D
Acq: 27 Aug 2019 12:09

Tgt Ion: 98 Resp: 680350
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1

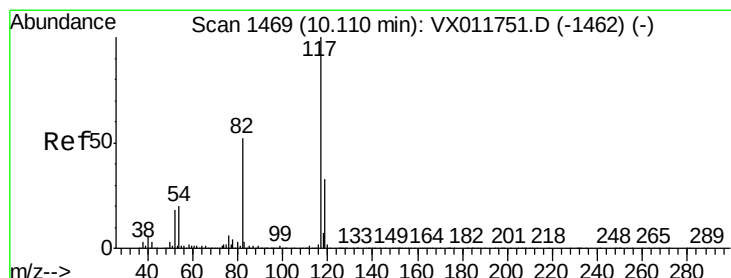
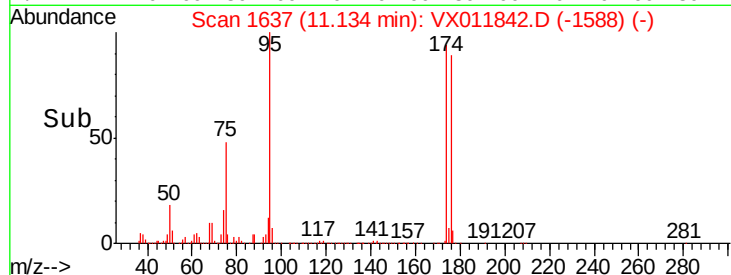
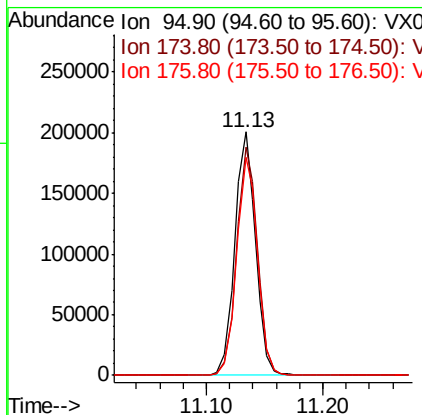
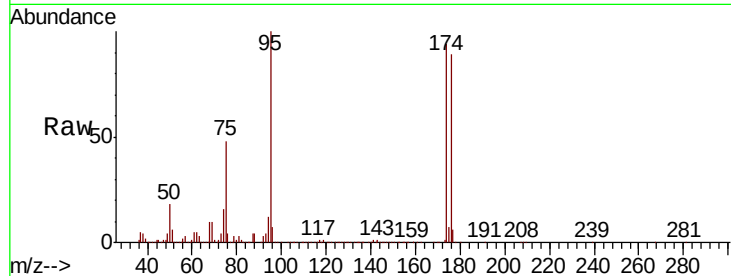




#62
4-Bromofluorobenzene
Concen: 46.914 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011842.D
Acq: 27 Aug 2019 12:09

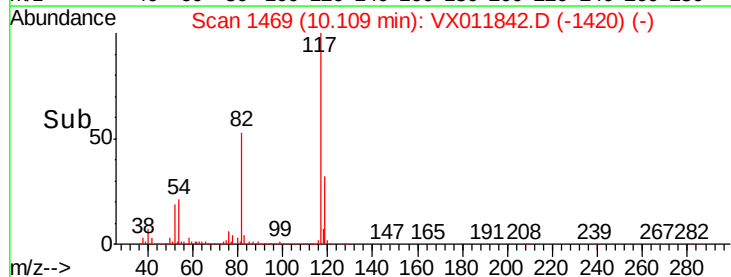
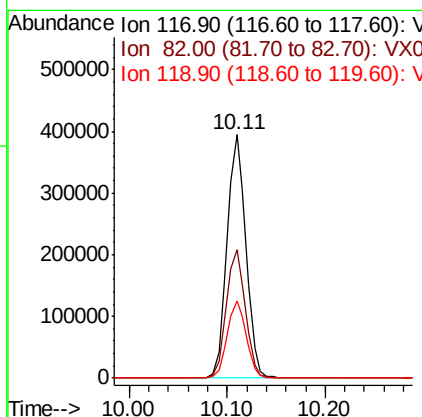
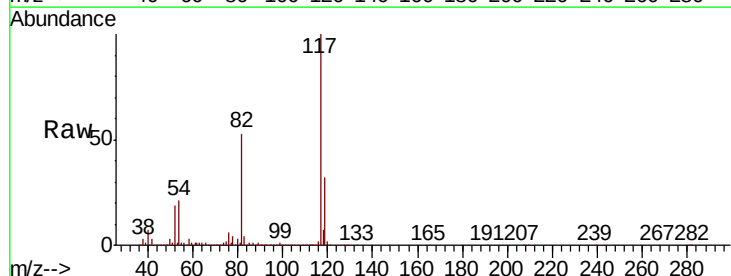
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

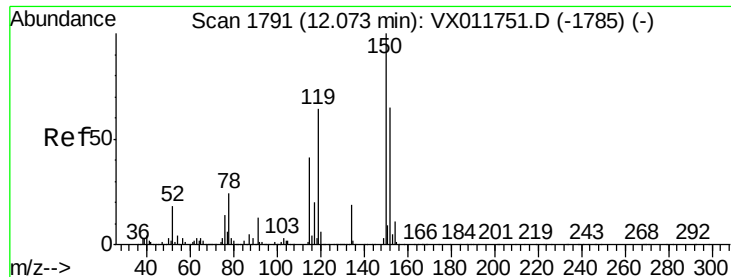
Tgt Ion: 95 Resp: 248478
Ion Ratio Lower Upper
95 100
174 94.7 0.0 197.4
176 90.5 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011842.D
Acq: 27 Aug 2019 12:09

Tgt Ion: 117 Resp: 529735
Ion Ratio Lower Upper
117 100
82 52.7 41.7 62.5
119 31.9 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011842.D

Acq: 27 Aug 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBL01

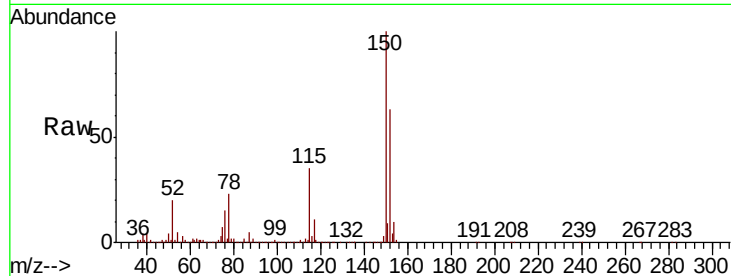
Tgt Ion: 152 Resp: 254313

Ion Ratio Lower Upper

152 100

115 54.1 37.3 111.8

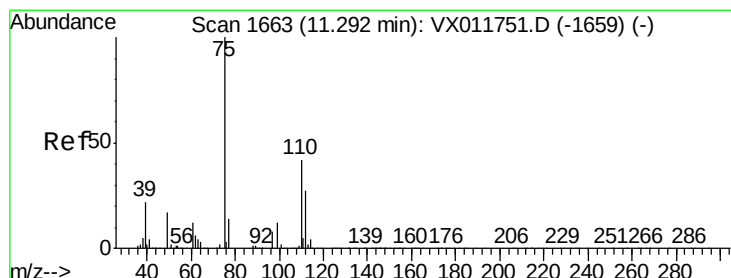
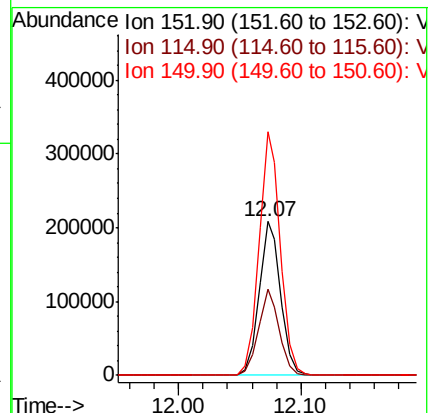
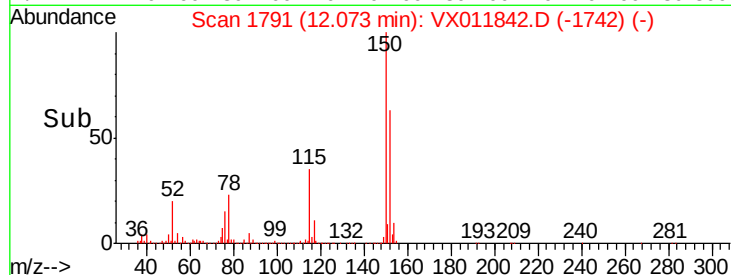
150 157.7 0.0 343.0



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



#76

1,2,3-Trichloropropane

Concen: 27.675 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011842.D

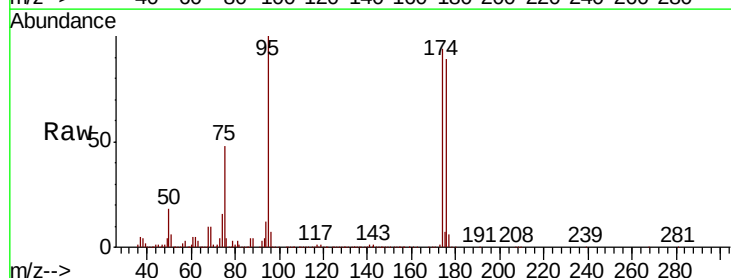
Acq: 27 Aug 2019 12:09

Tgt Ion: 75 Resp: 123497

Ion Ratio Lower Upper

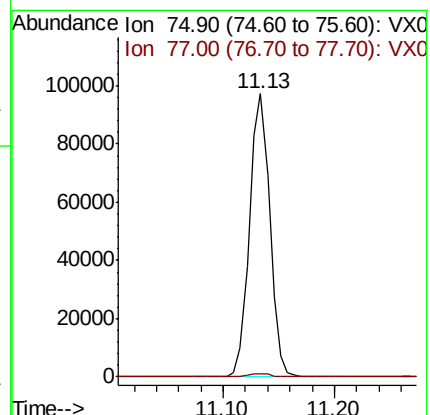
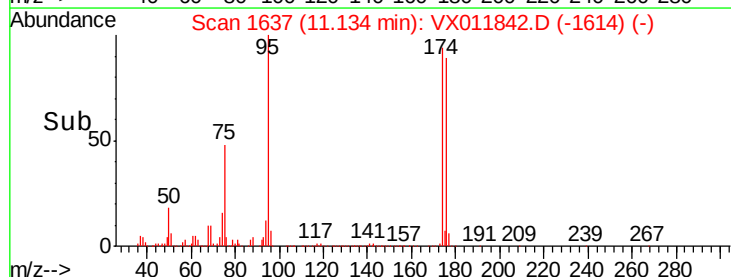
75 100

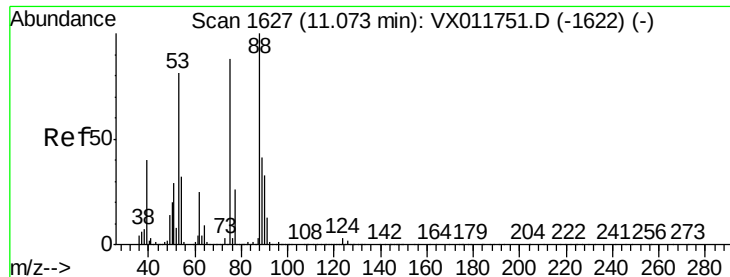
77 1.2 21.1 63.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 83.462 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011842.D

Acq: 27 Aug 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBL01

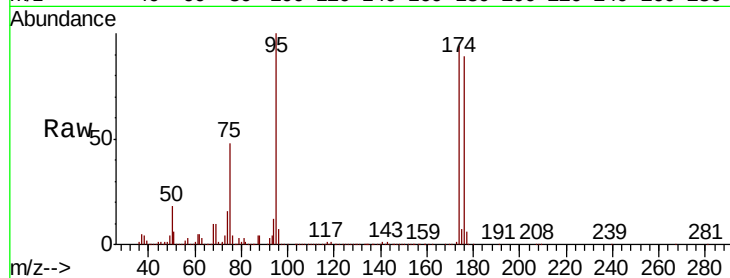
Tgt Ion: 75 Resp: 123497

Ion Ratio Lower Upper

75 100

53 0.1 77.1 115.7#

89 0.0 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

