

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011419\
 Data File : VX007032.D
 Acq On : 14 Jan 2019 12:03
 Operator : JC/SP
 Sample : VX0114MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114MBL01

Quant Time: Jan 15 01:32:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	635285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	967030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	905875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441485	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	334337	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
35) Dibromofluoromethane	5.51	113	299647	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
50) Toluene-d8	8.71	98	1160051	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.13	95	415867	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	

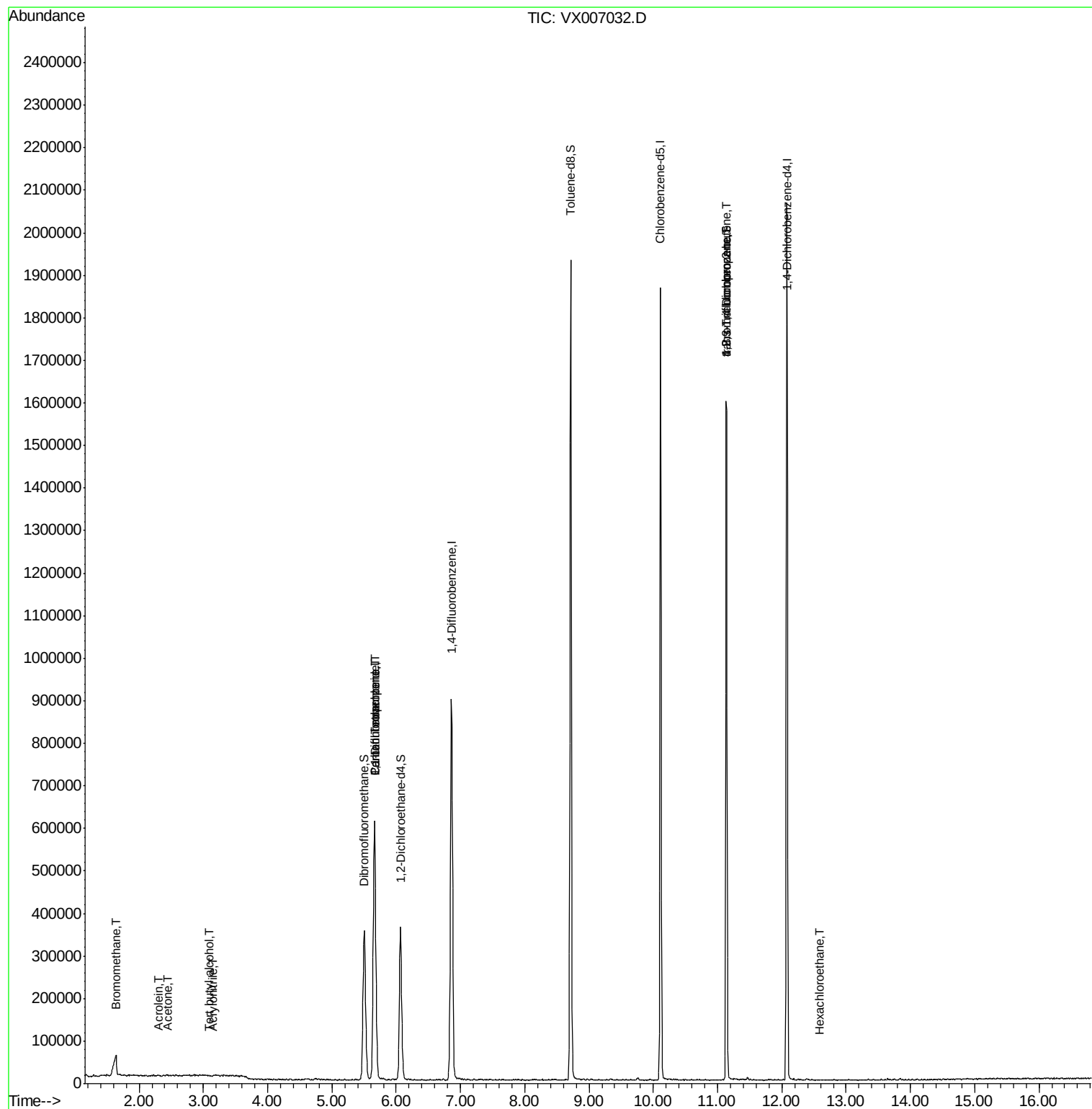
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1762	0.252	ug/l #	62
11) Tert butyl alcohol	3.10	59	344	0.220	ug/l #	1
13) Acrolein	2.30	56	650	4.035	ug/l #	64
15) Acrylonitrile	3.16	53	953	0.265	ug/l #	66
16) Acetone	2.45	43	1223	0.373	ug/l	95
20) Methylene Chloride	2.85	84	1001	Below Cal	#	79
36) 1,1-Dichloropropene	5.67	75	40499	4.817	ug/l #	49
38) Carbon Tetrachloride	5.67	117	57496	6.797	ug/l #	14
49) 1,4-Dioxane	7.74	88	70	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.13	75	197244	22.047	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	197244	65.284	ug/l #	10
90) Hexachloroethane	12.59	117	44	2.918	ug/l	56

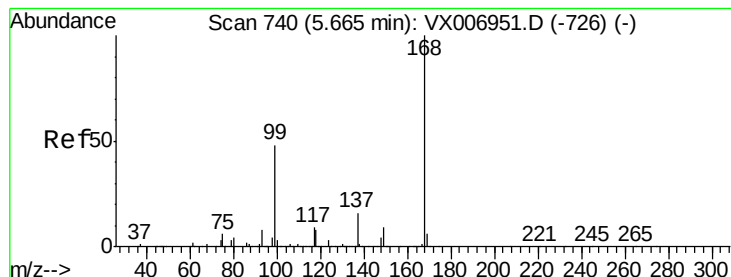
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

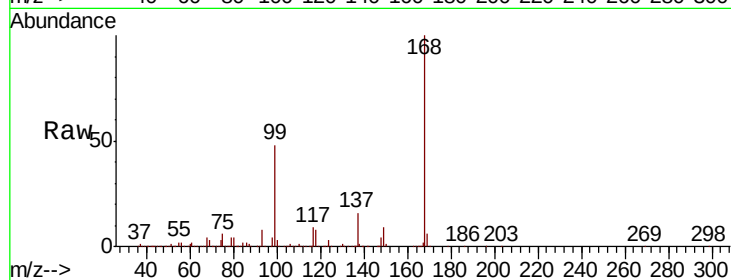
VX0114MBL01

Tgt Ion:168 Resp: 635285

Ion Ratio Lower Upper

168 100

99 48.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

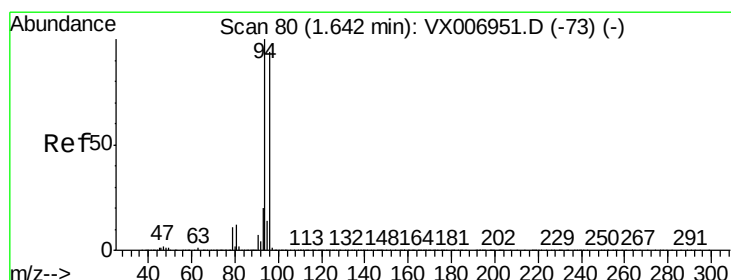
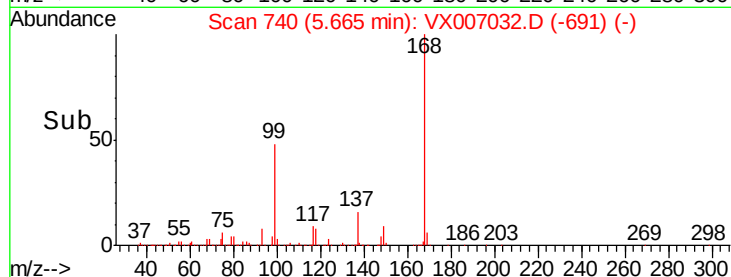
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.252 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007032.D

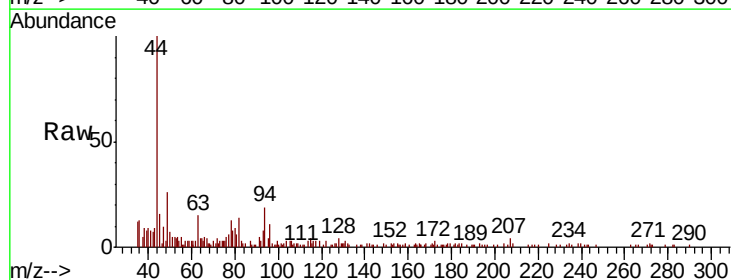
Acq: 14 Jan 2019 12:03

Tgt Ion: 94 Resp: 1762

Ion Ratio Lower Upper

94 100

96 55.9 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

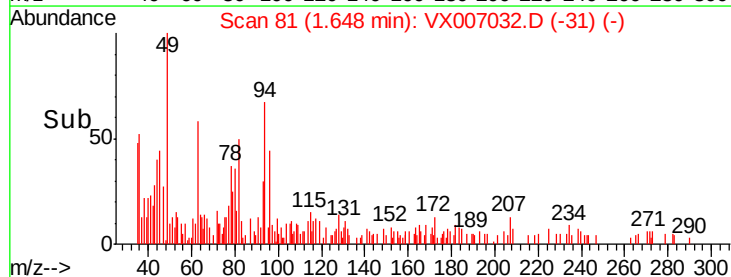
1.65

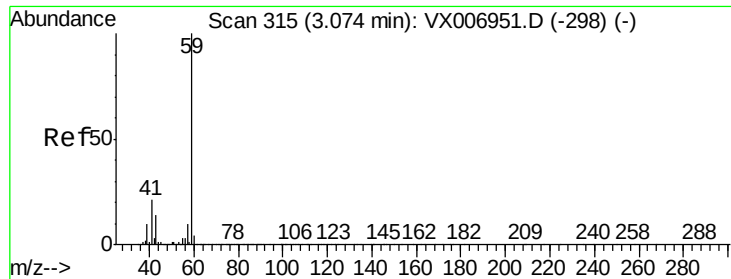
1000

500

0

Time-->





#11

Tert butyl alcohol

Concen: 0.220 ug/l

RT: 3.10 min Scan# 319

Delta R.T. 0.02 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

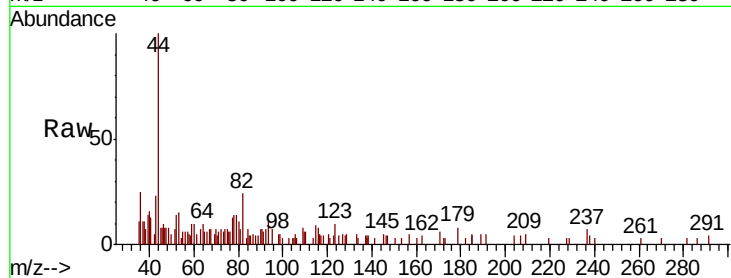
VX0114MBL01

Tgt Ion: 59 Resp: 344

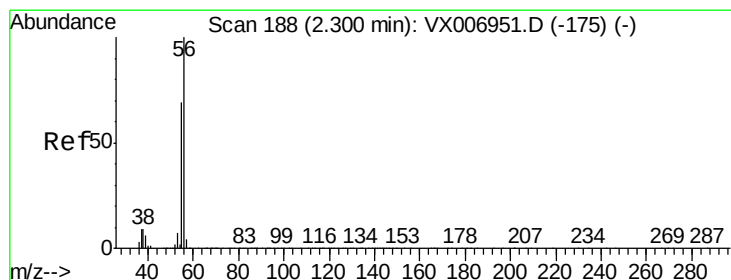
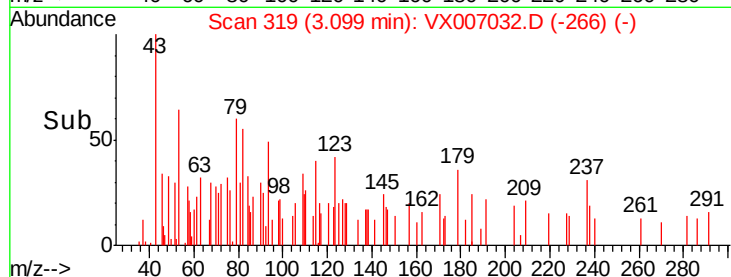
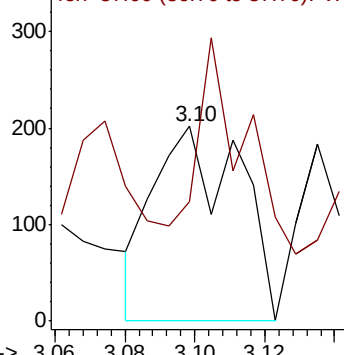
Ion Ratio Lower Upper

59 100

57 57.8 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0



#13

Acrolein

Concen: 4.035 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007032.D

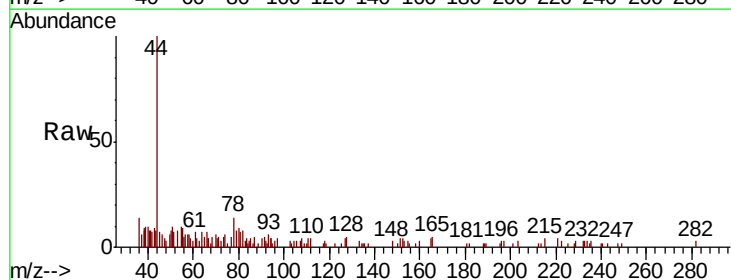
Acq: 14 Jan 2019 12:03

Tgt Ion: 56 Resp: 650

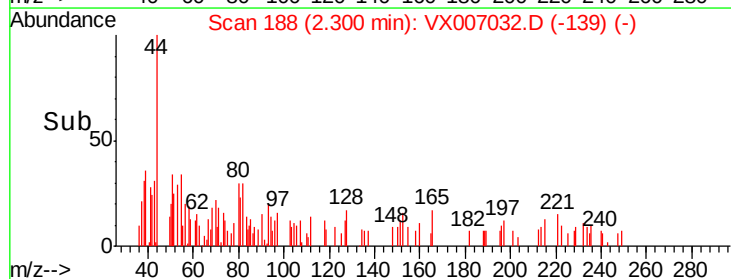
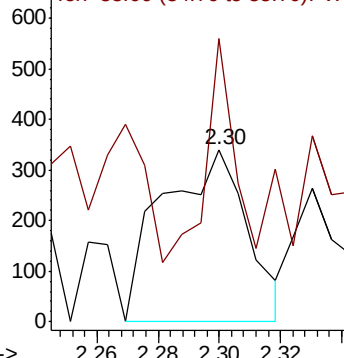
Ion Ratio Lower Upper

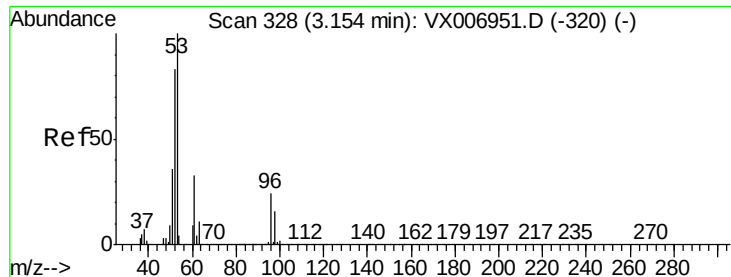
56 100

55 42.9 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0





#15

Acrylonitrile

Concen: 0.265 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX0114MBL01

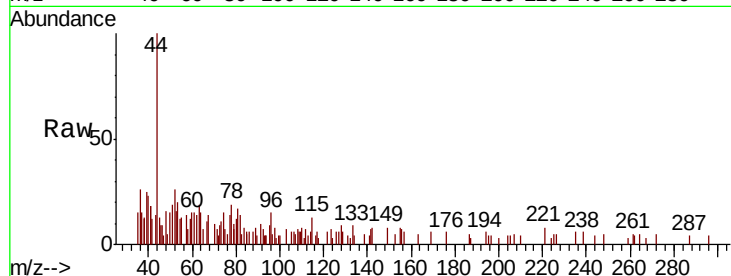
Tgt Ion: 53 Resp: 953

Ion Ratio Lower Upper

53 100

52 48.9 66.0 99.0#

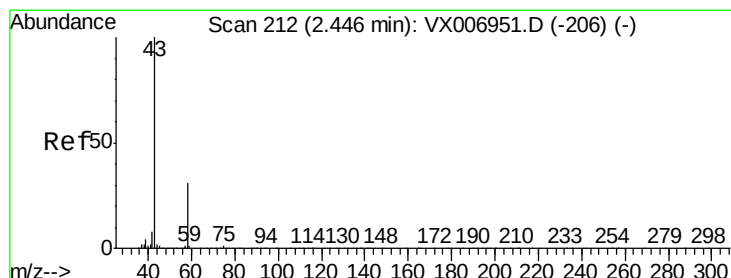
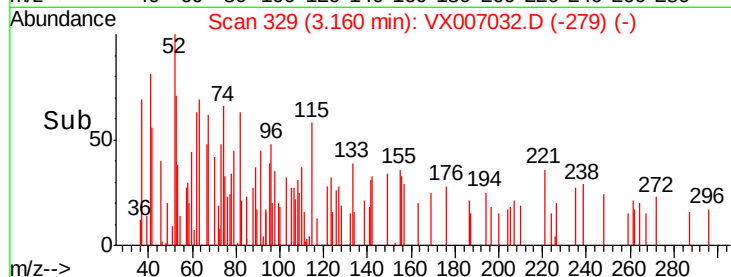
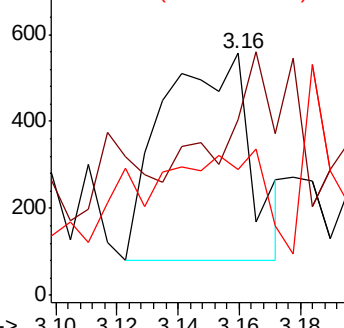
51 50.1 28.6 42.8#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.373 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007032.D

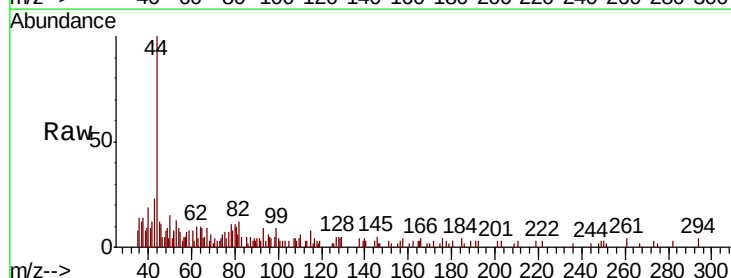
Acq: 14 Jan 2019 12:03

Tgt Ion: 43 Resp: 1223

Ion Ratio Lower Upper

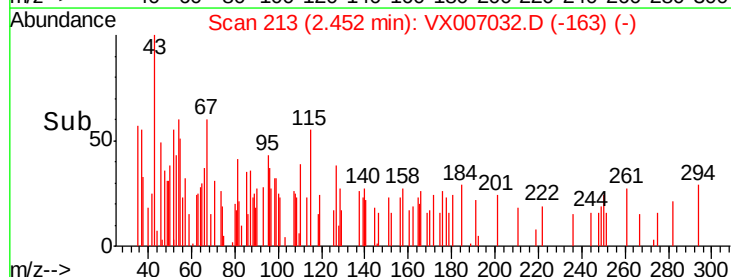
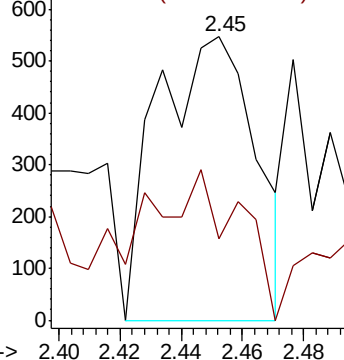
43 100

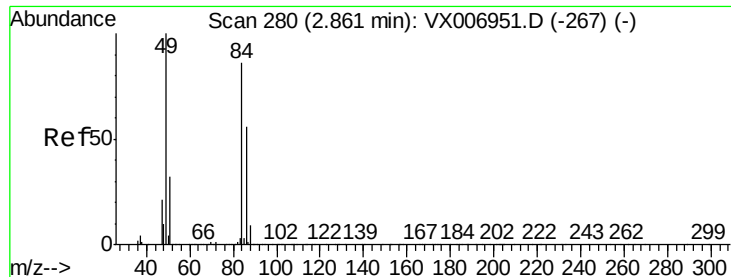
58 28.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX0114MBL01

Tgt Ion: 84 Resp: 1001

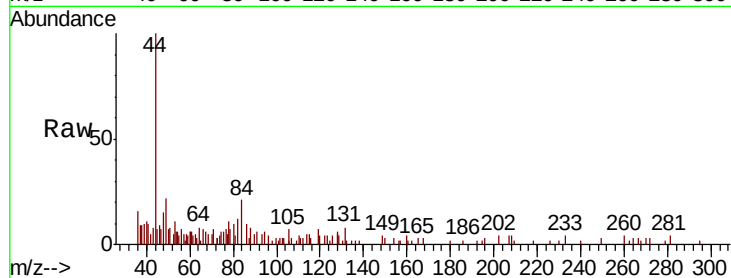
Ion Ratio Lower Upper

84 100

49 114.8 91.8 137.6

51 4.4 28.5 42.7#

86 31.9 50.2 75.2#

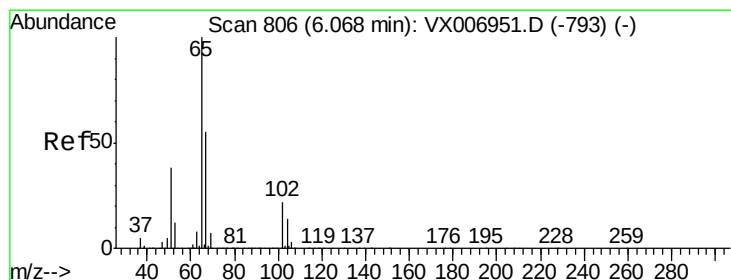
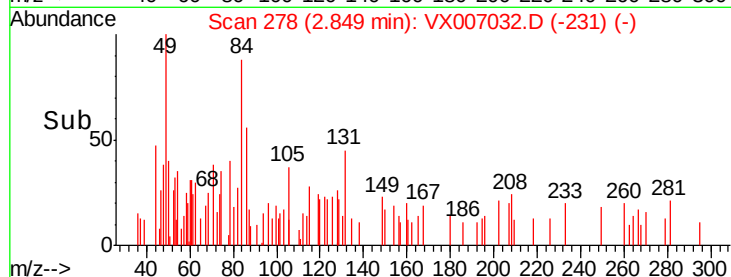
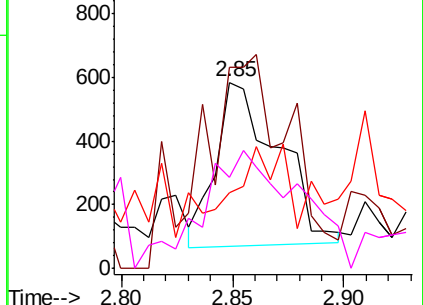


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.357 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007032.D

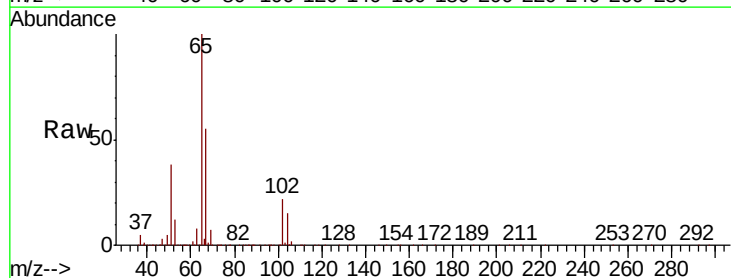
Acq: 14 Jan 2019 12:03

Tgt Ion: 65 Resp: 334337

Ion Ratio Lower Upper

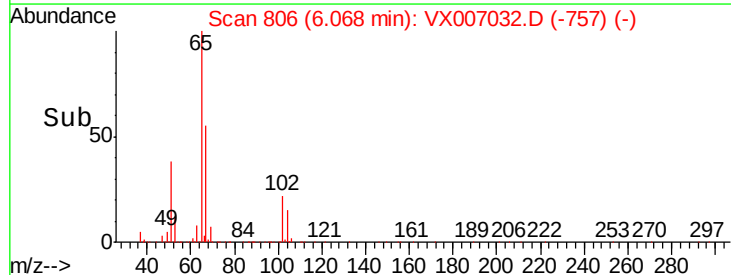
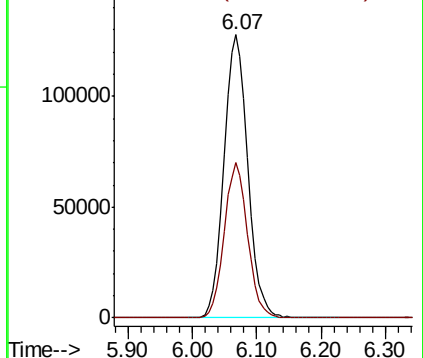
65 100

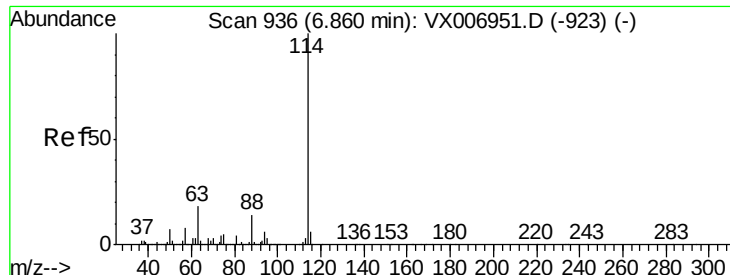
67 53.7 0.0 105.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX0114MBL01

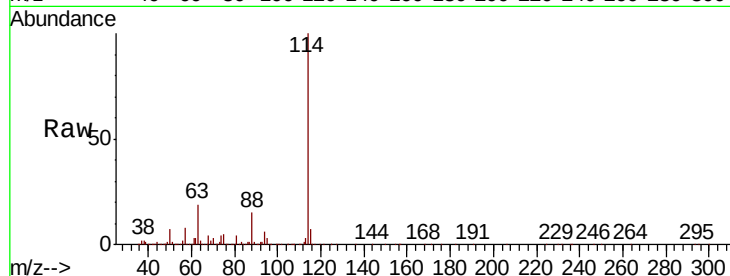
Tgt Ion:114 Resp: 967030

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

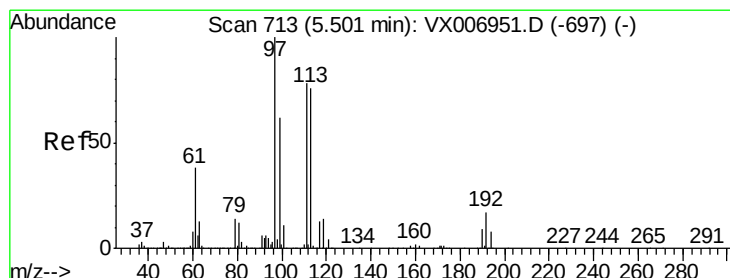
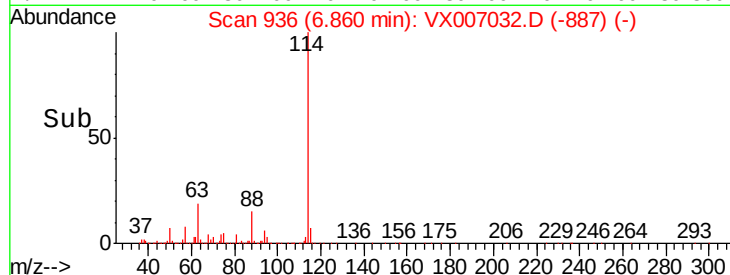
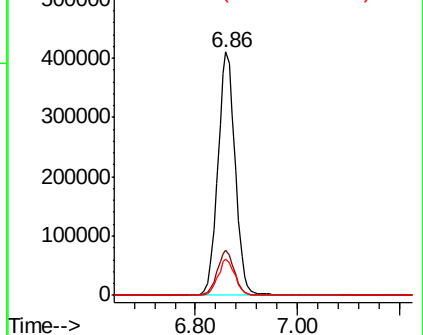
88 14.8 0.0 28.8



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: 48.386 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

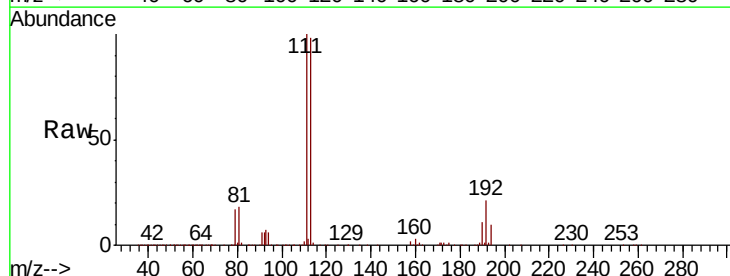
Tgt Ion:113 Resp: 299647

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

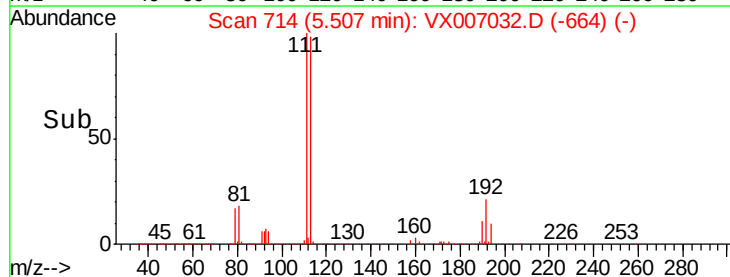
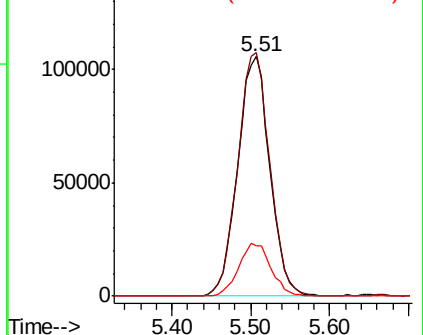
192 22.1 16.7 25.1

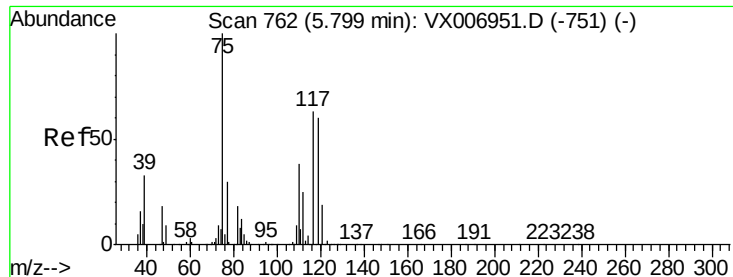


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

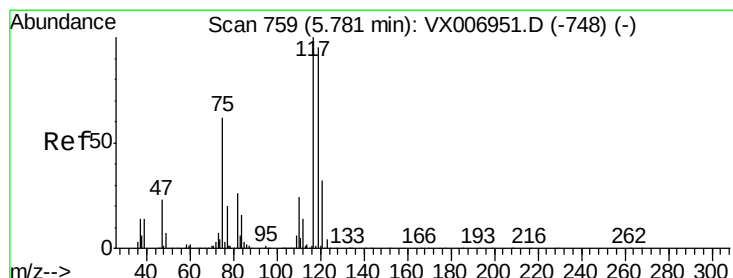
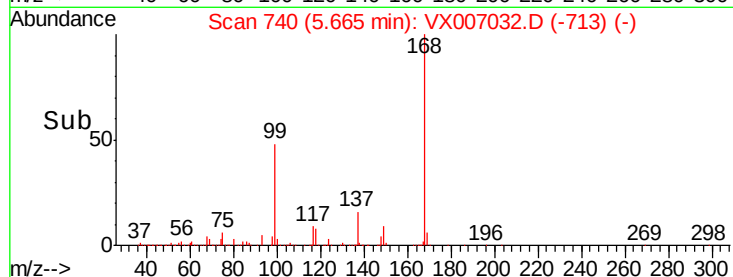
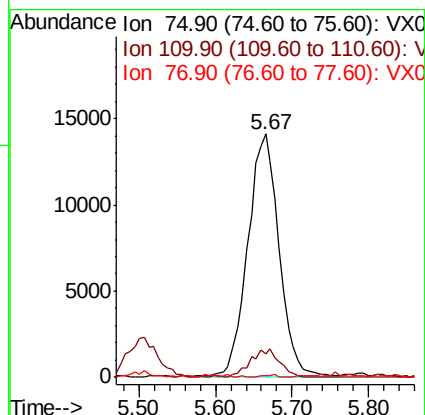
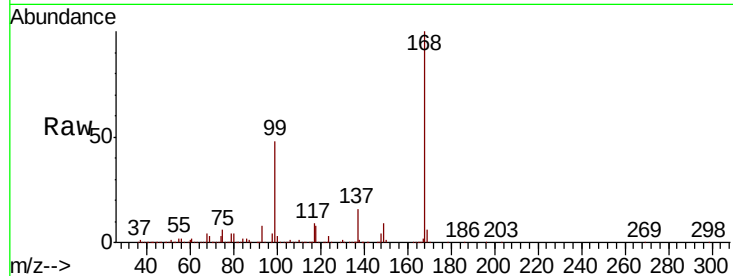




#36
 1,1-Dichloropropene
 Concen: 4.817 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007032.D
 Acq: 14 Jan 2019 12:03

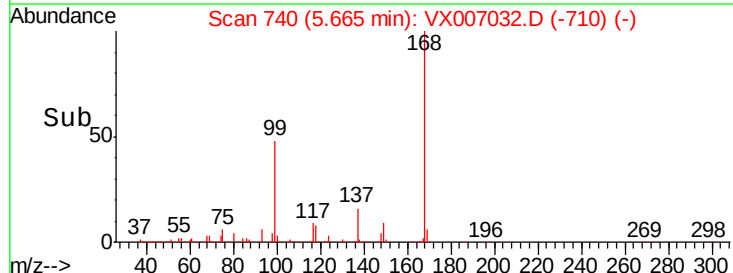
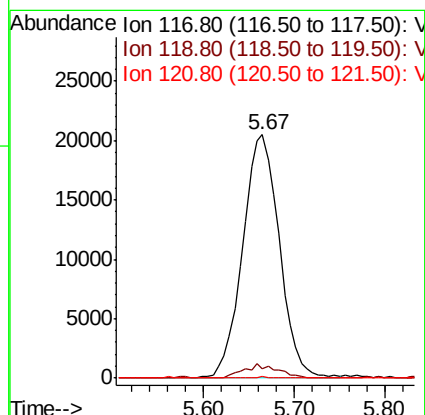
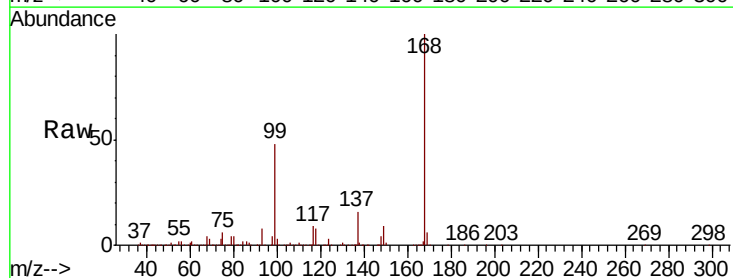
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114MBL01

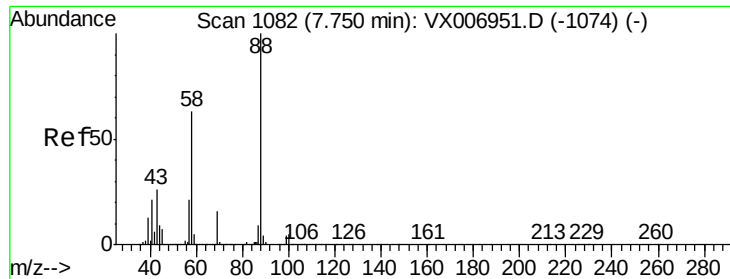
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.2	60.5#
77	0.4	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.797 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007032.D
 Acq: 14 Jan 2019 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	79.4	119.2#
121	0.6	24.0	36.0#

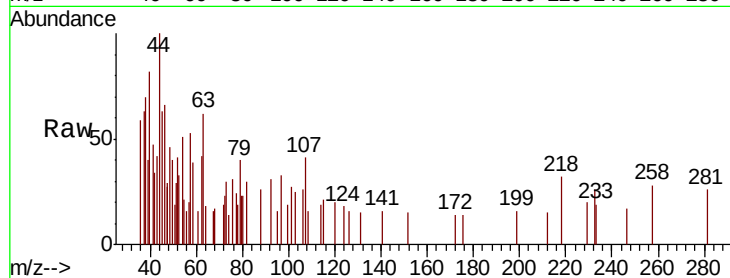




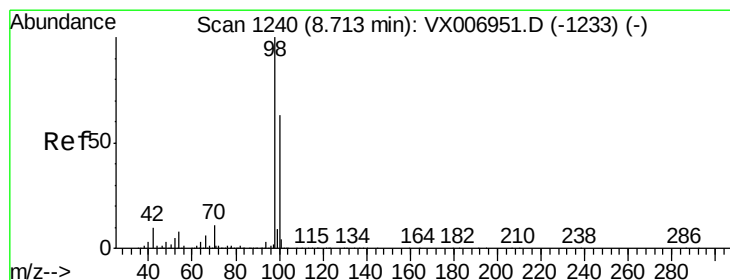
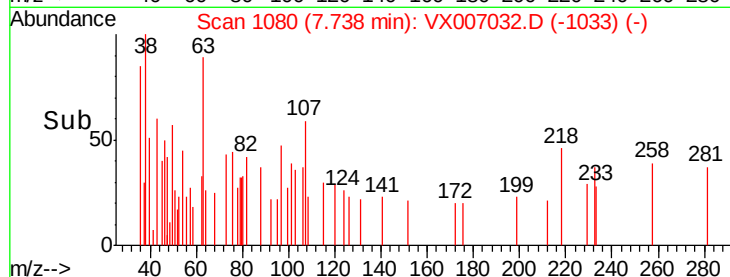
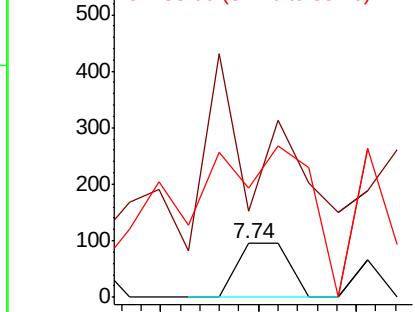
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX007032.D
Acq: 14 Jan 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX0114MBL01

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 262.9 22.2 33.4#
58 762.9 51.0 76.4#

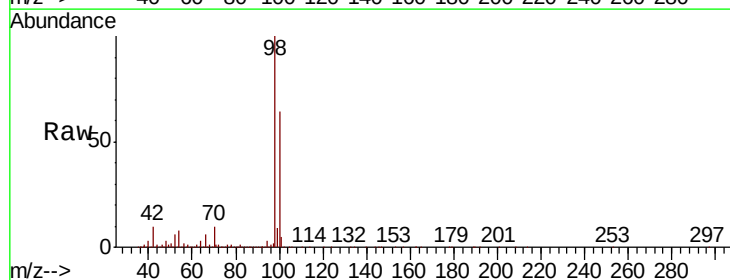


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

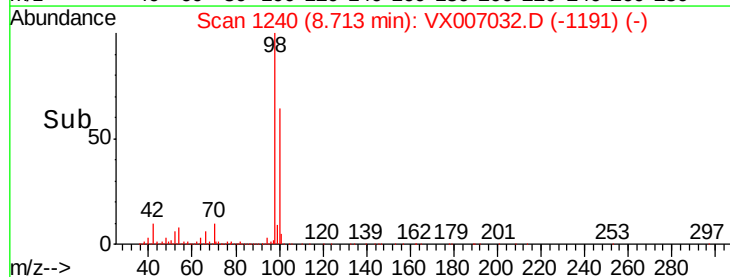
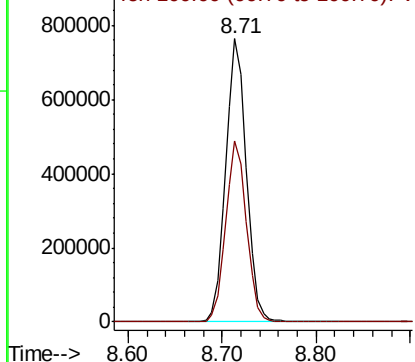


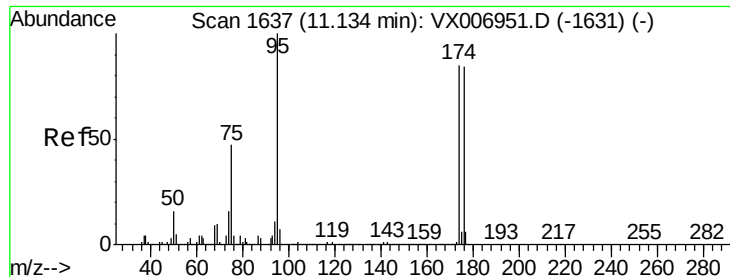
#50
Toluene-d8
Concen: 51.177 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007032.D
Acq: 14 Jan 2019 12:03

Tgt Ion: 98 Resp: 1160051
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.625 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX0114MBL01

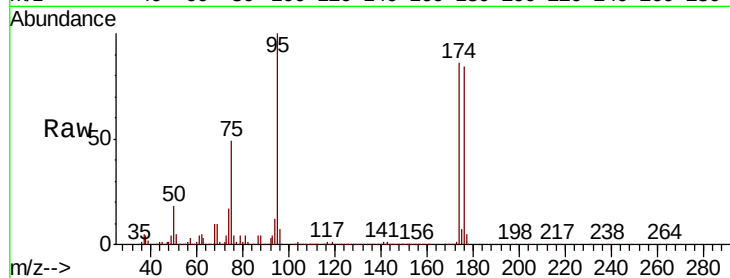
Tgt Ion: 95 Resp: 415867

Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.2

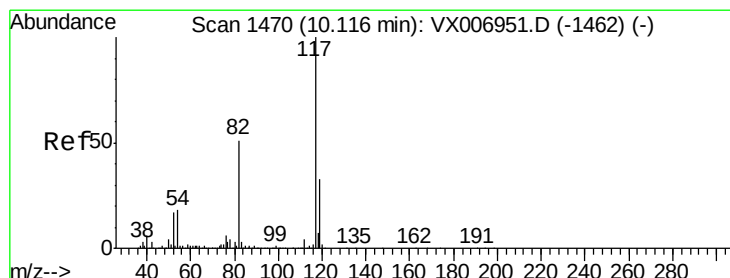
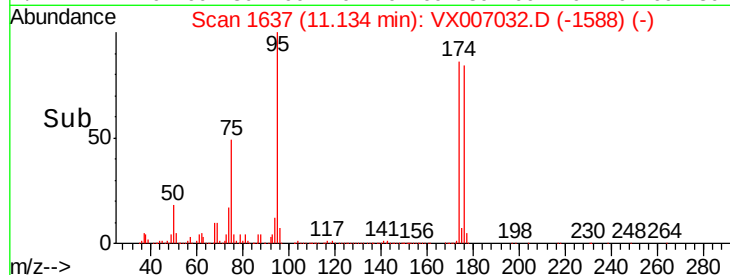
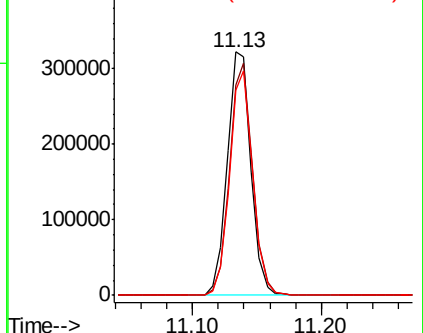
176 90.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

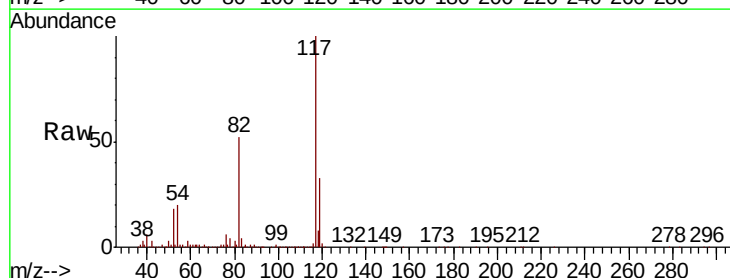
Tgt Ion: 117 Resp: 905875

Ion Ratio Lower Upper

117 100

82 51.6 41.0 61.6

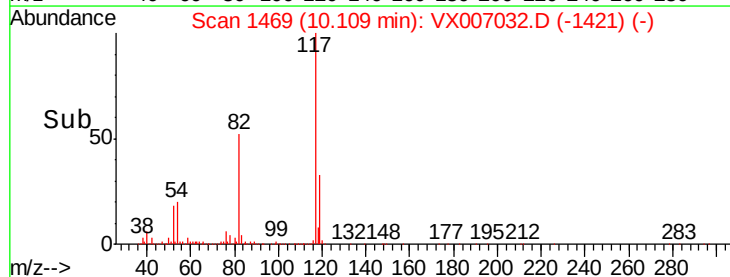
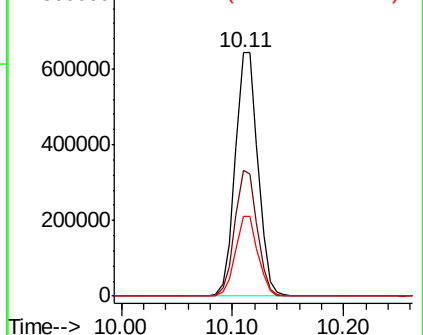
119 33.0 25.4 38.0

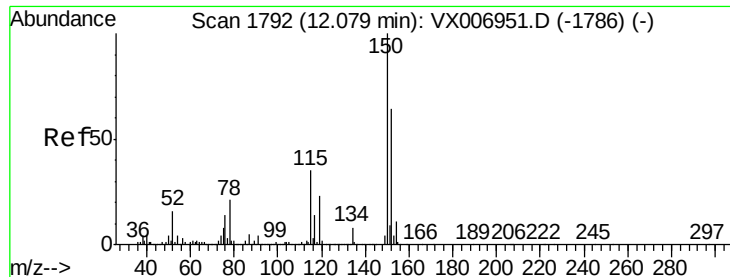


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX0114MBL01

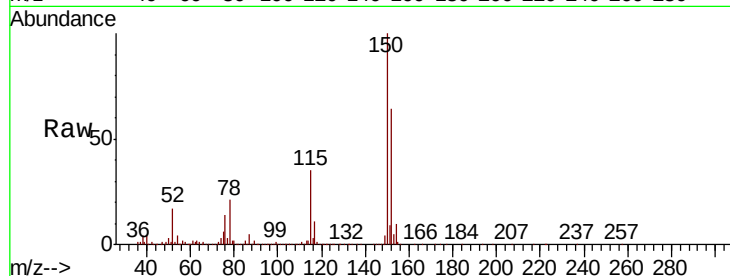
Tgt Ion: 152 Resp: 441485

Ion Ratio Lower Upper

152 100

115 55.3 39.1 117.2

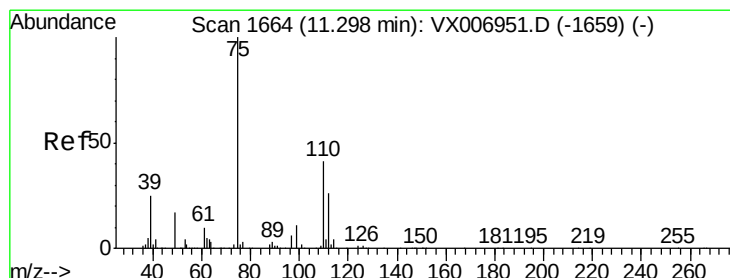
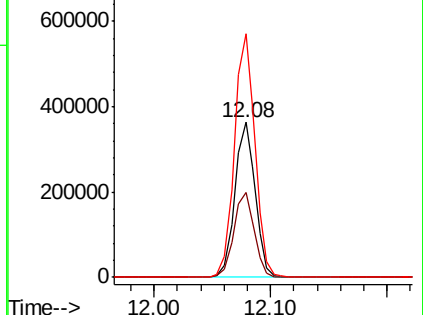
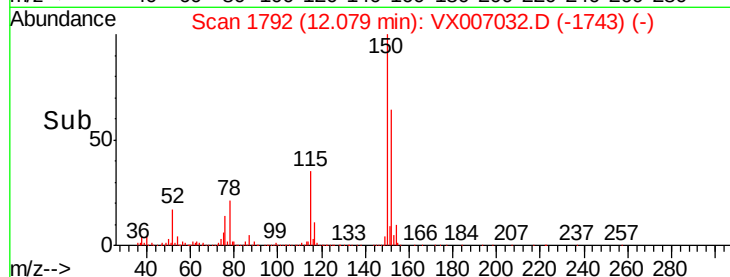
150 158.1 0.0 344.8



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: 22.047 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007032.D

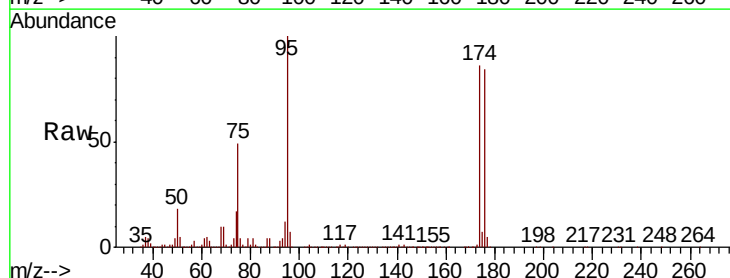
Acq: 14 Jan 2019 12:03

Tgt Ion: 75 Resp: 197244

Ion Ratio Lower Upper

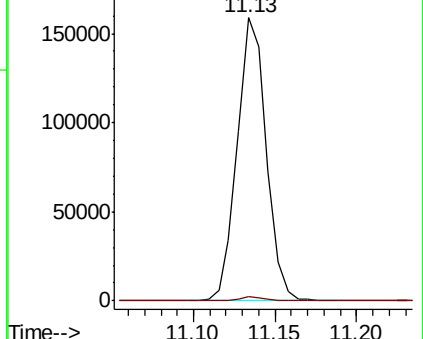
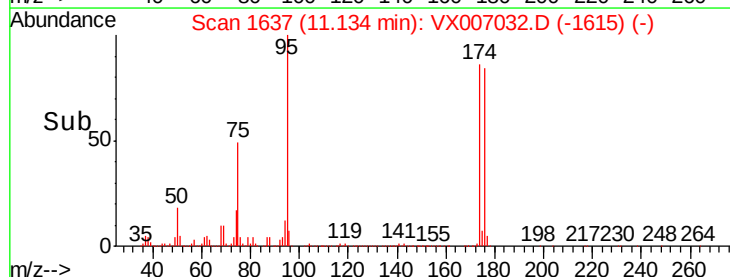
75 100

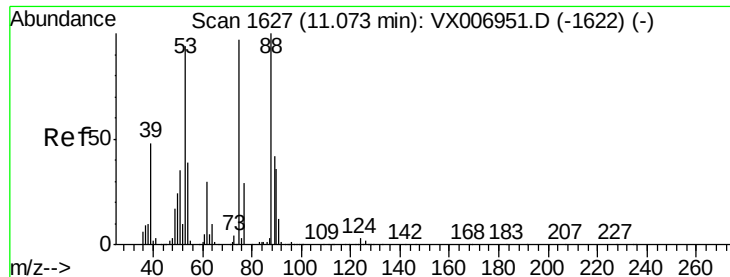
77 1.3 18.5 55.5#



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: 65.284 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007032.D

Acq: 14 Jan 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX0114MBL01

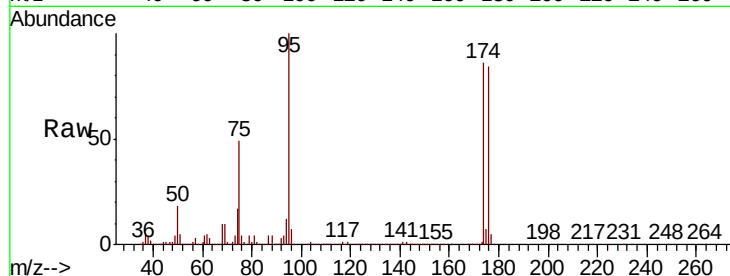
Tgt Ion: 75 Resp: 197244

Ion Ratio Lower Upper

75 100

53 0.0 79.7 119.5#

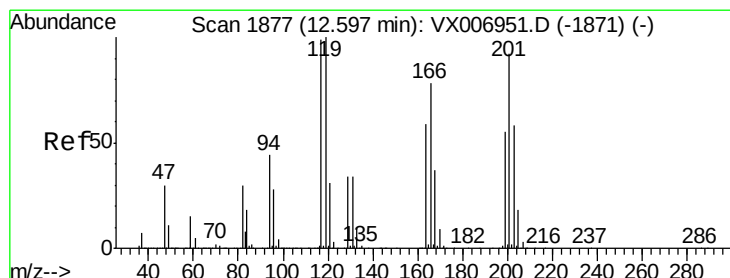
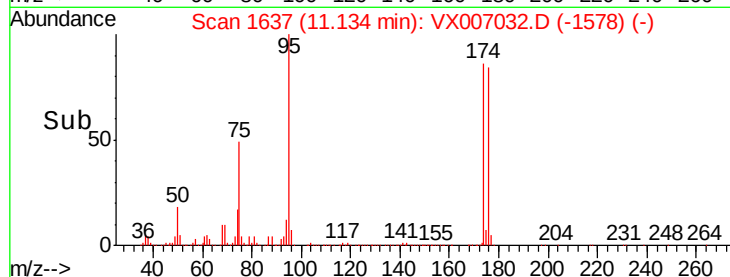
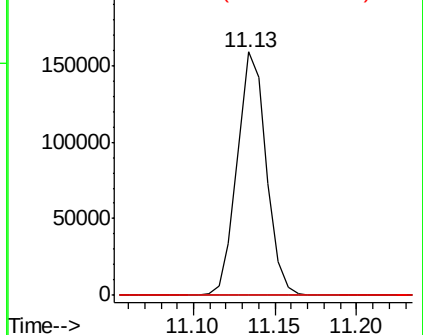
89 0.0 38.0 57.0#



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



#90

Hexachloroethane

Concen: 2.918 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX007032.D

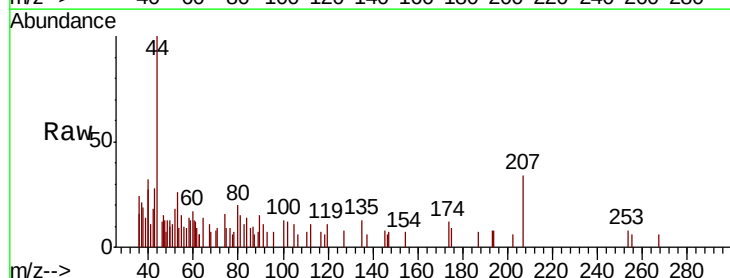
Acq: 14 Jan 2019 12:03

Tgt Ion: 117 Resp: 44

Ion Ratio Lower Upper

117 100

201 45.5 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

