

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
 Data File : VX007007.D
 Acq On : 11 Jan 2019 12:24
 Operator : JC/SP
 Sample : K1006-09
 Misc : 8.21g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-03-010819-E

Quant Time: Jan 11 13:05:14 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	5.66	168	515700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	794122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	732586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	396538	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	271987	50.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.94%	
35) Dibromofluoromethane	5.51	113	230319	45.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.58%	
50) Toluene-d8	8.71	98	937855	50.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.14	95	347653	53.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.14%	

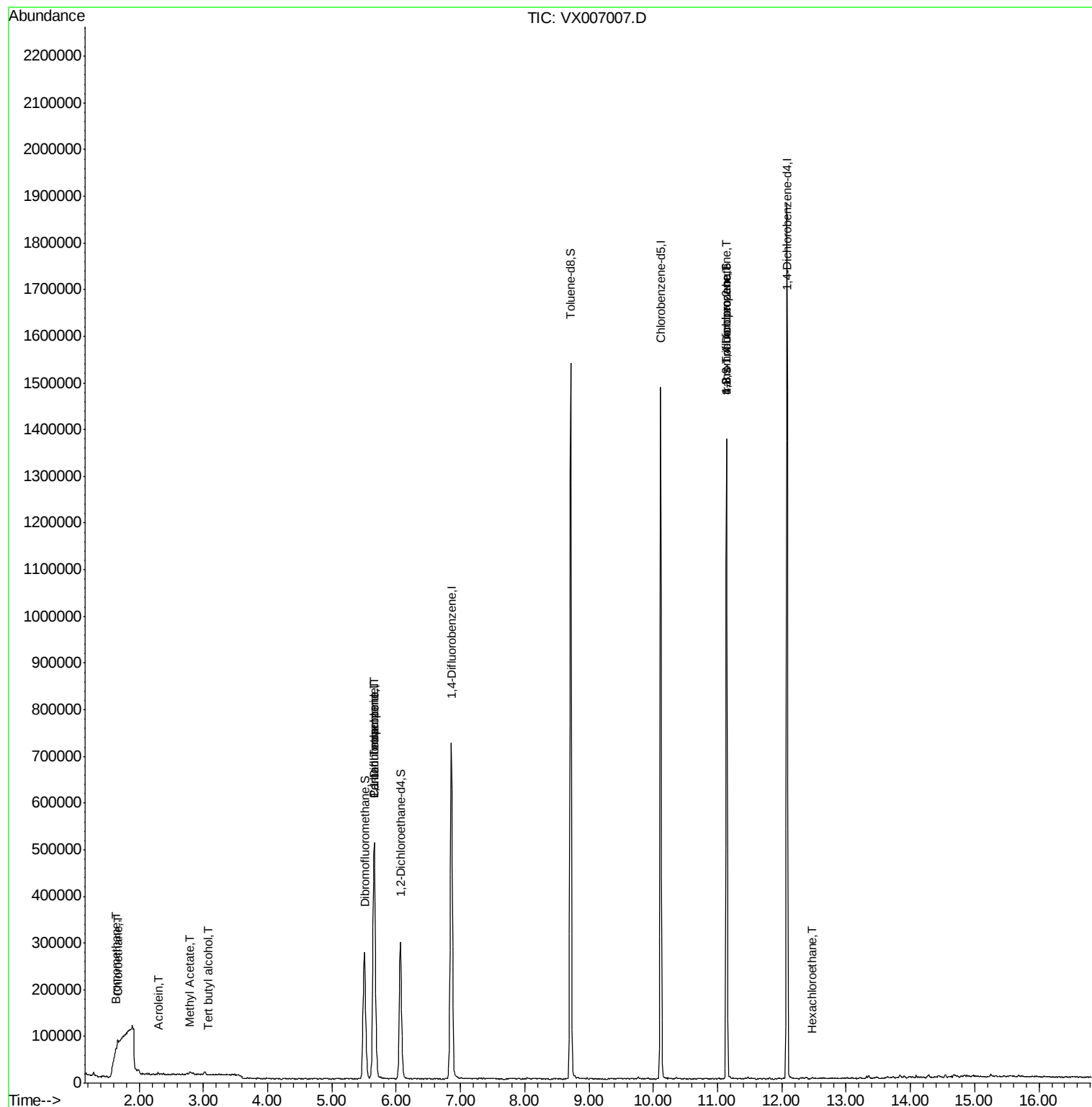
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1700	0.300	ug/l	84
6) Chloroethane	1.68	64	1000	0.270	ug/l #	50
11) Tert butyl alcohol	3.08	59	345	0.271	ug/l #	72
13) Acrolein	2.31	56	167	3.385	ug/l	90
18) Methyl Acetate	2.80	43	6004	0.778	ug/l #	72
20) Methylene Chloride	2.84	84	2014	Below Cal	#	76
36) 1,1-Dichloropropene	5.66	75	34094	4.938	ug/l #	49
38) Carbon Tetrachloride	5.66	117	44969	6.474	ug/l #	14
49) 1,4-Dioxane	7.77	88	214	Below Cal	#	9
76) 1,2,3-Trichloropropane	11.14	75	163827	20.387	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	163827	60.654	ug/l #	10
90) Hexachloroethane	12.48	117	138	2.941	ug/l	71

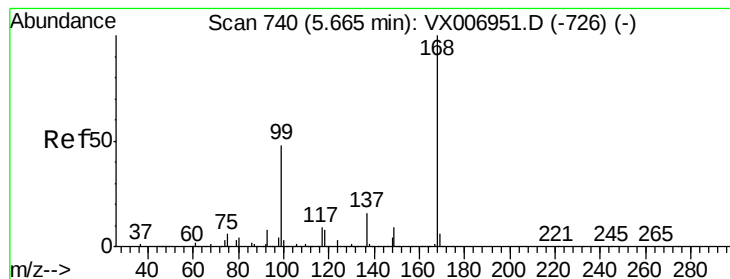
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
Data File : VX007007.D
Acq On : 11 Jan 2019 12:24
Operator : JC/SP
Sample : K1006-09
Misc : 8.21g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-E

Quant Time: Jan 11 13:05:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 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: VX007007.D

Acq: 11 Jan 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

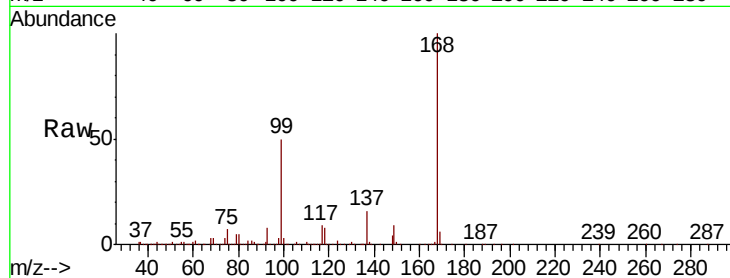
JC-03-010819-E

Tgt Ion:168 Resp: 515700

Ion Ratio Lower Upper

168 100

99 49.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

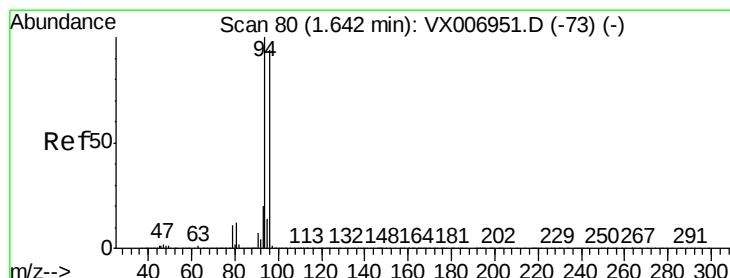
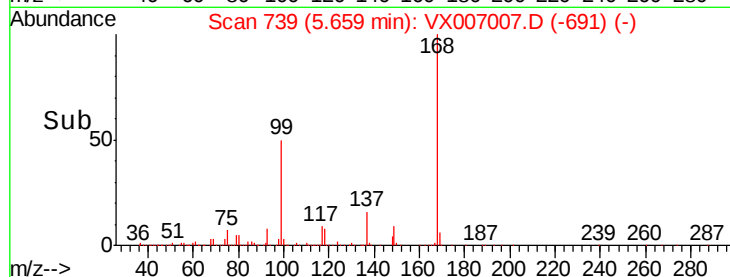
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.300 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007007.D

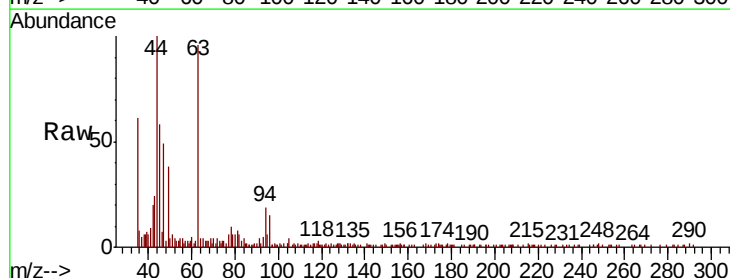
Acq: 11 Jan 2019 12:24

Tgt Ion: 94 Resp: 1700

Ion Ratio Lower Upper

94 100

96 76.7 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1500

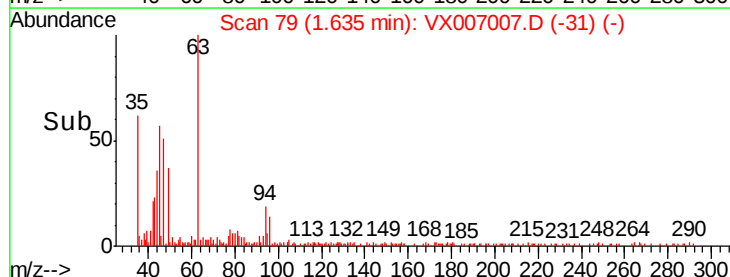
1000

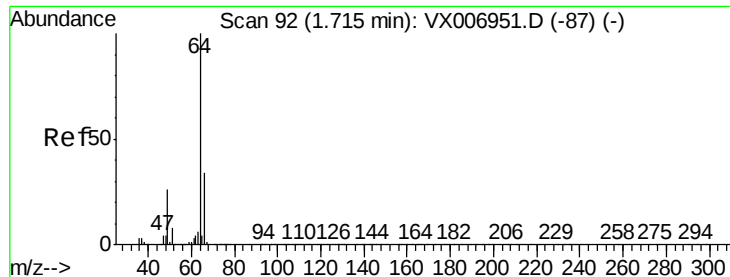
500

0

Time-->

1.60 1.65





#6

Chloroethane

Concen: 0.270 ug/l

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX007007.D

Acq: 11 Jan 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

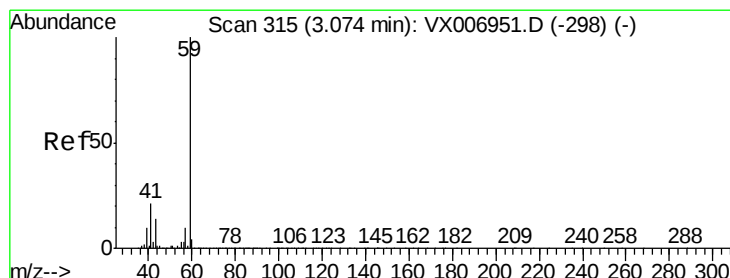
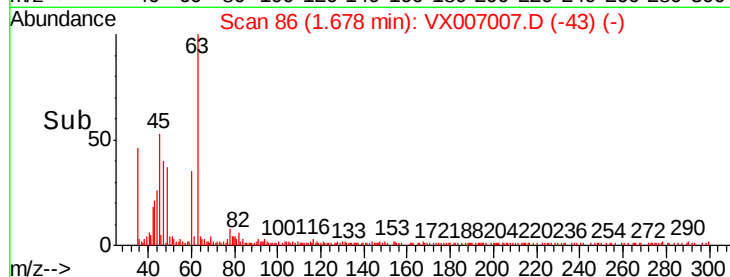
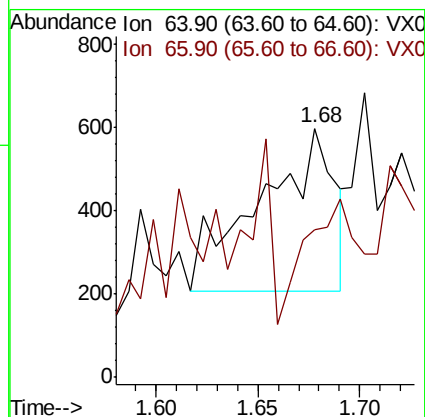
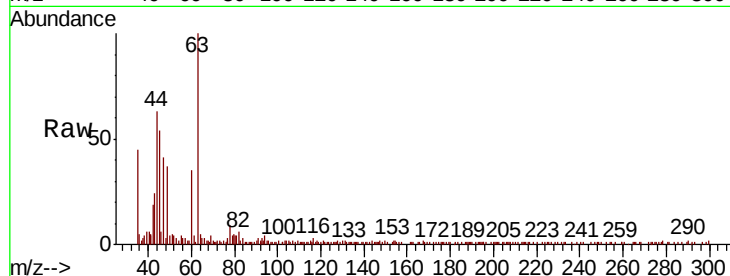
JC-03-010819-E

Tgt Ion: 64 Resp: 1000

Ion Ratio Lower Upper

64 100

66 4.8 26.4 39.6#



#11

Tert butyl alcohol

Concen: 0.271 ug/l

RT: 3.08 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX007007.D

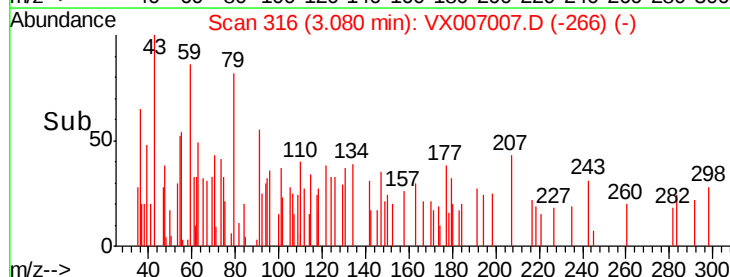
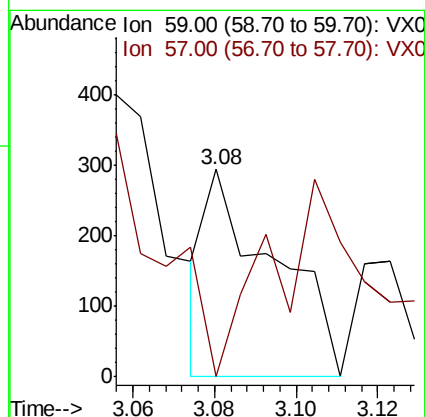
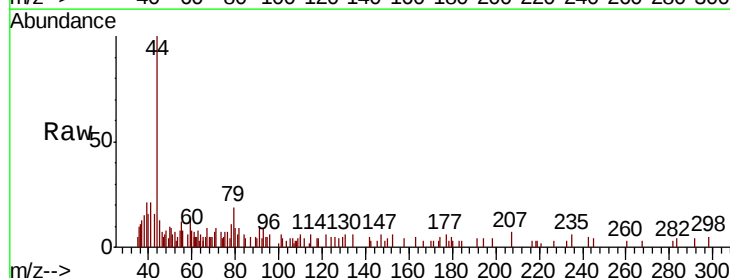
Acq: 11 Jan 2019 12:24

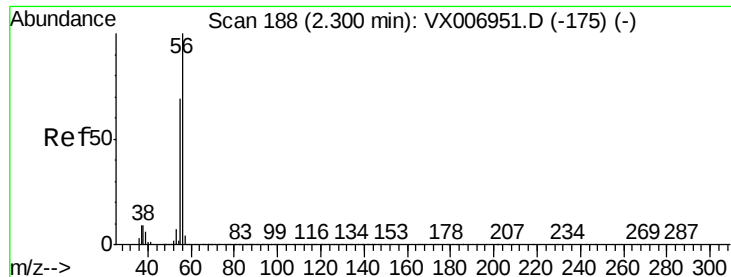
Tgt Ion: 59 Resp: 345

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#13

Acrolein

Concen: 3.385 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX007007.D

Acq: 11 Jan 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

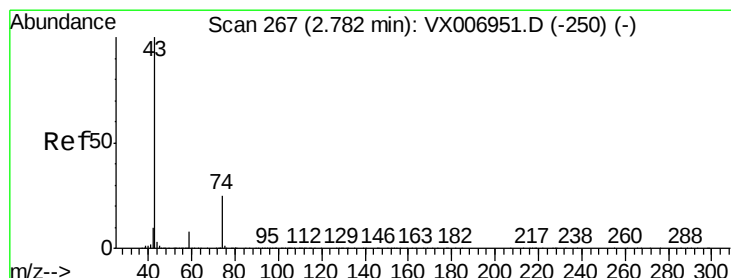
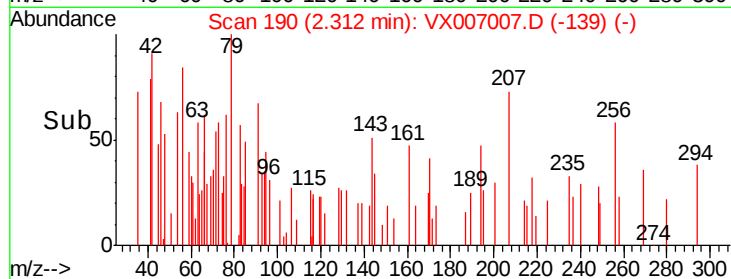
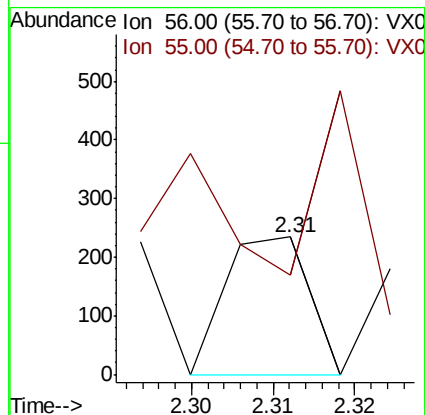
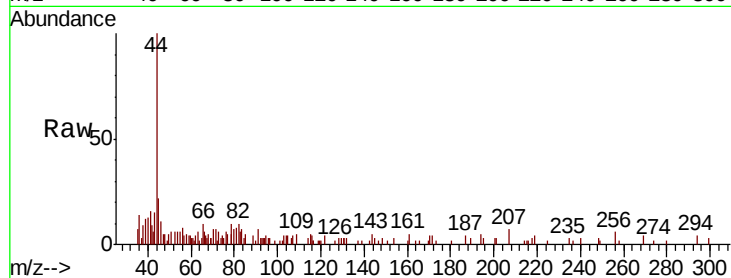
JC-03-010819-E

Tgt Ion: 56 Resp: 167

Ion Ratio Lower Upper

56 100

55 81.4 58.2 87.4



#18

Methyl Acetate

Concen: 0.778 ug/l

RT: 2.80 min Scan# 270

Delta R.T. 0.02 min

Lab File: VX007007.D

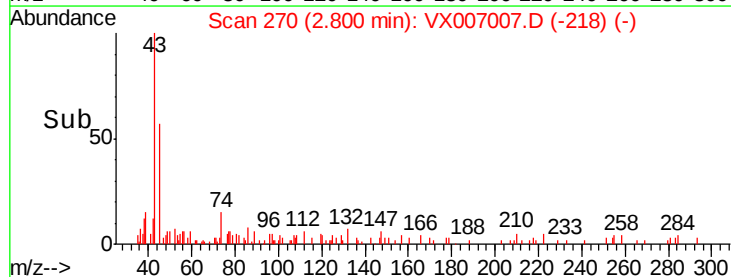
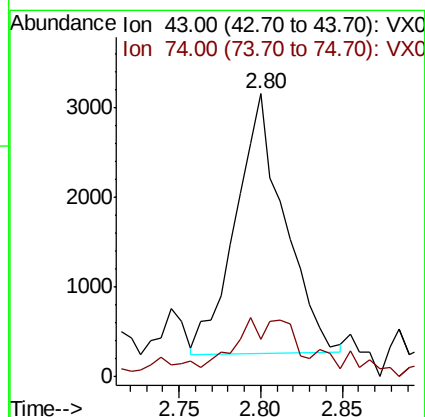
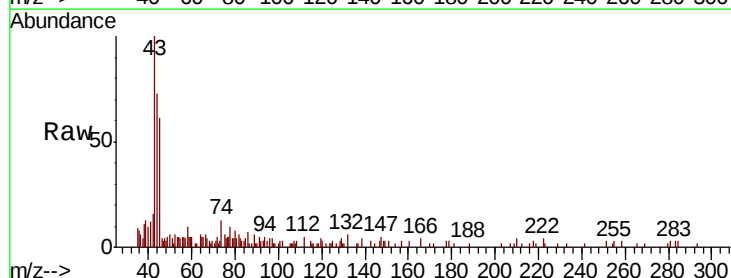
Acq: 11 Jan 2019 12:24

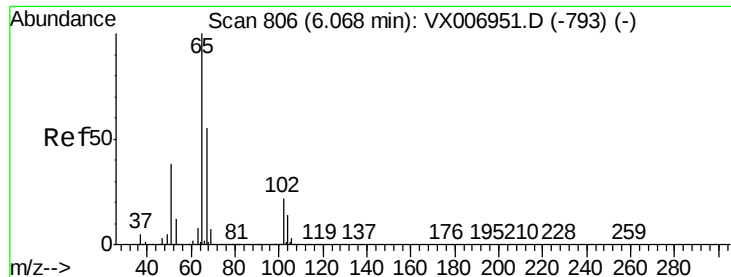
Tgt Ion: 43 Resp: 6004

Ion Ratio Lower Upper

43 100

74 9.4 18.6 28.0#





#33

1,2-Dichloroethane-d4

Concen: 50.466 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007007.D

Acq: 11 Jan 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

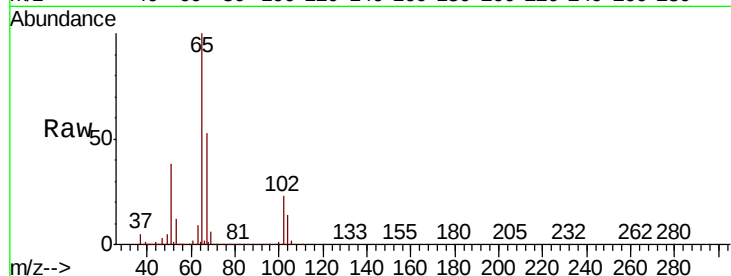
JC-03-010819-E

Tgt Ion: 65 Resp: 271987

Ion Ratio Lower Upper

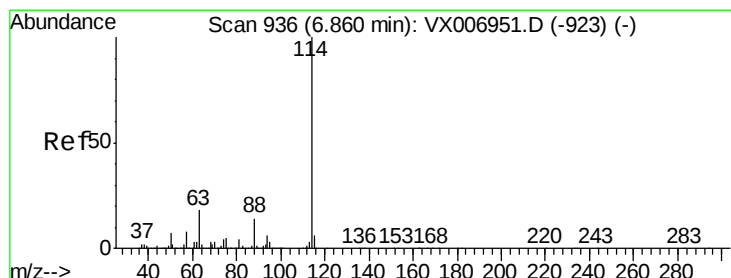
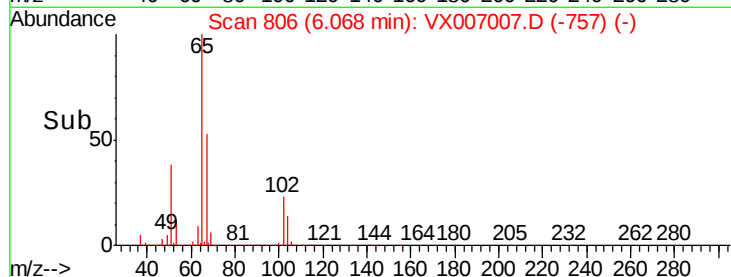
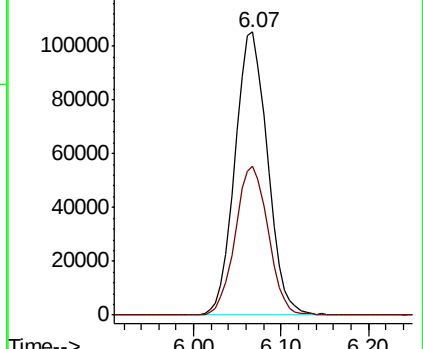
65 100

67 53.4 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: VX007007.D

Acq: 11 Jan 2019 12:24

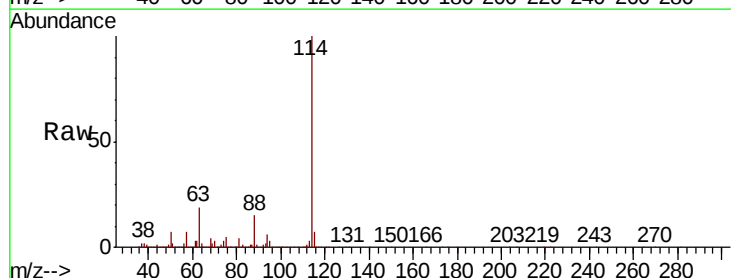
Tgt Ion: 114 Resp: 794122

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

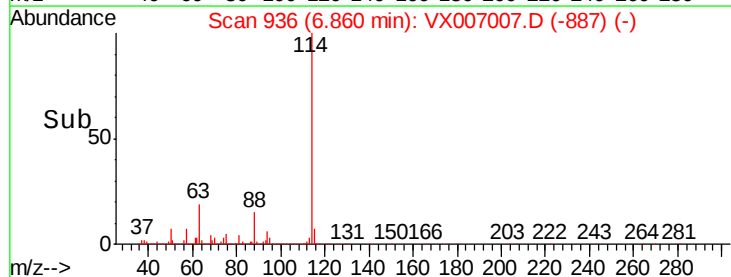
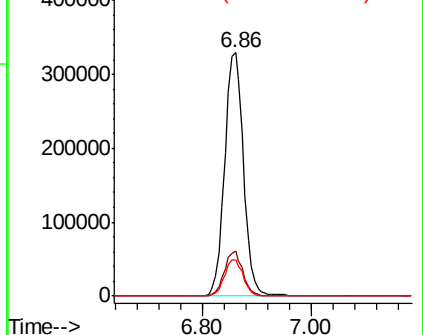
88 14.7 0.0 28.8

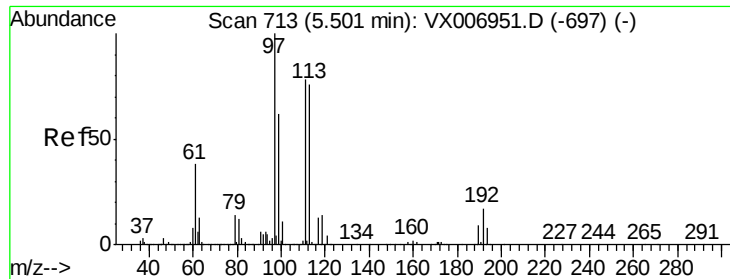


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.289 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007007.D

Acq: 11 Jan 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-E

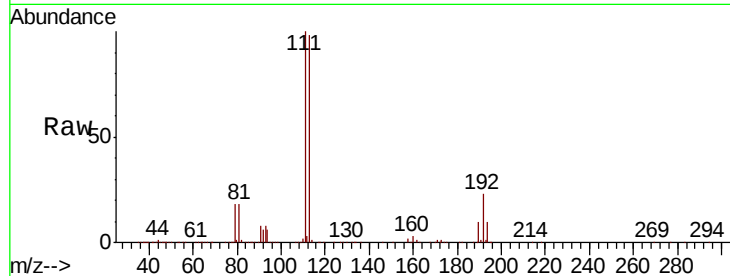
Tgt Ion:113 Resp: 230319

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

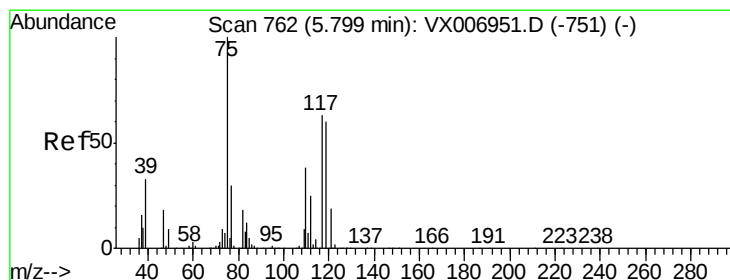
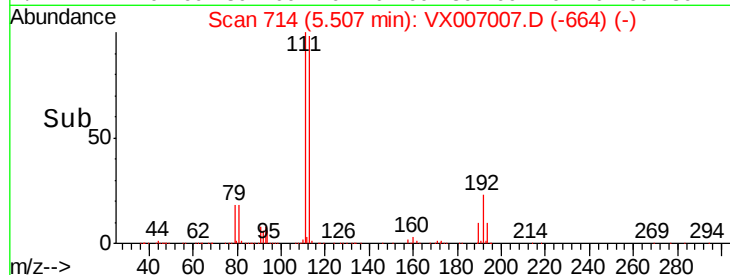
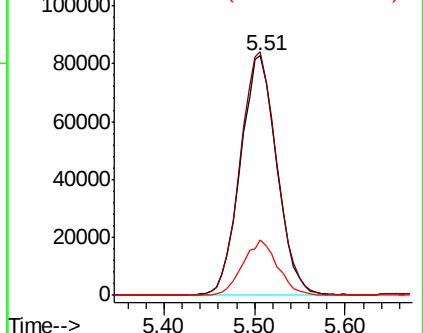
192 22.0 16.7 25.1



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: 4.938 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007007.D

Acq: 11 Jan 2019 12:24

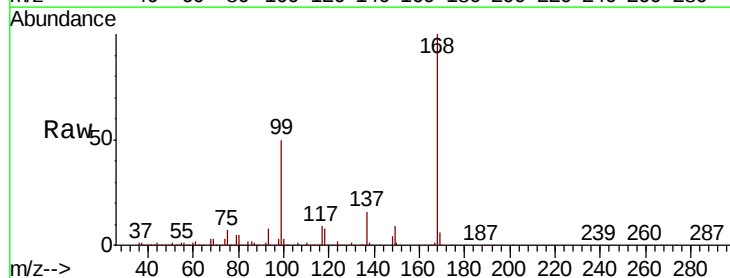
Tgt Ion: 75 Resp: 34094

Ion Ratio Lower Upper

75 100

110 10.5 20.2 60.5#

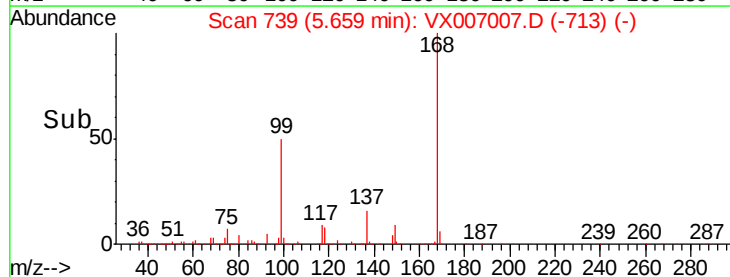
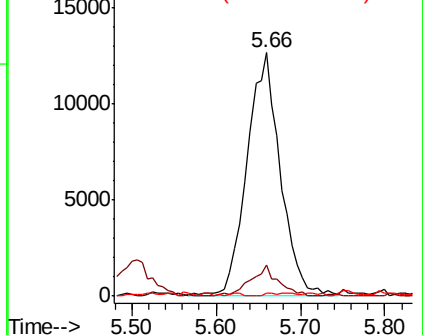
77 0.5 24.8 37.2#

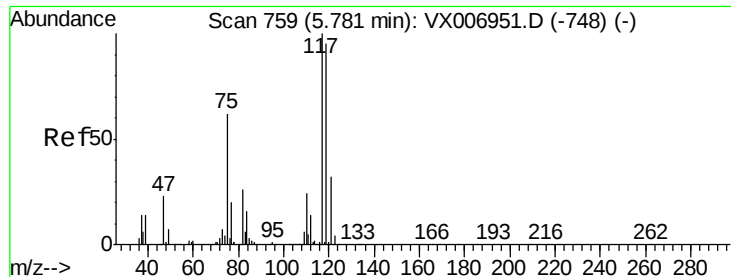


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.474 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007007.D

Acq: 11 Jan 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-E

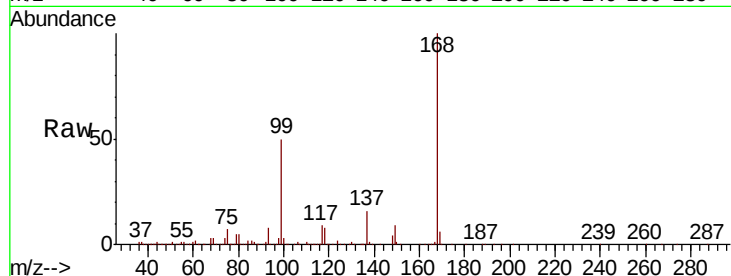
Tgt Ion:117 Resp: 44969

Ion Ratio Lower Upper

117 100

119 3.9 79.4 119.2#

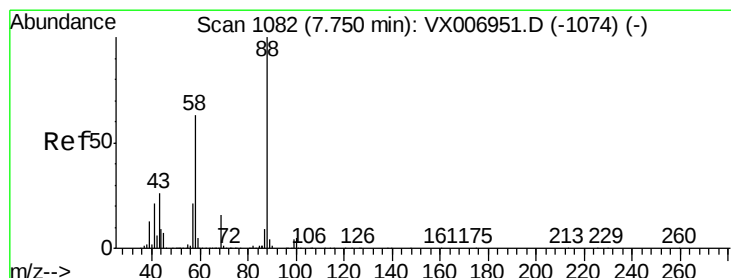
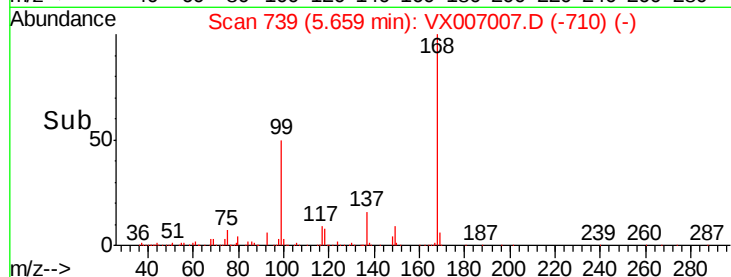
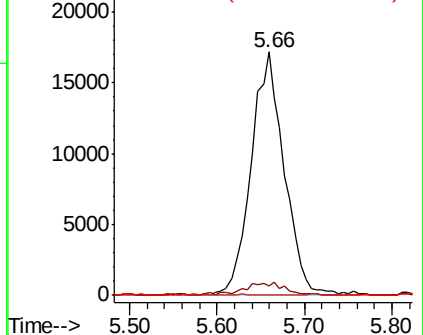
121 0.0 24.0 36.0#



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: Below Cal

RT: 7.77 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VX007007.D

Acq: 11 Jan 2019 12:24

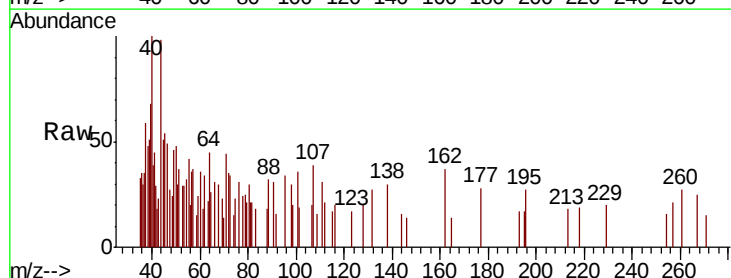
Tgt Ion: 88 Resp: 214

Ion Ratio Lower Upper

88 100

43 106.1 22.2 33.4#

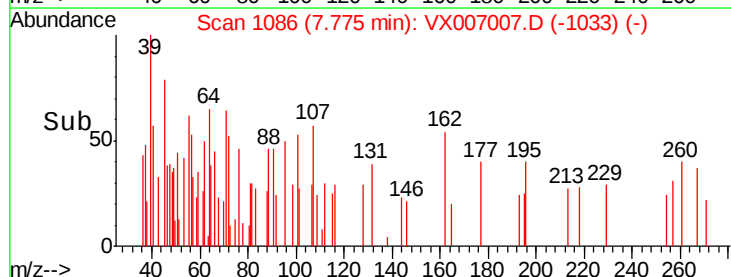
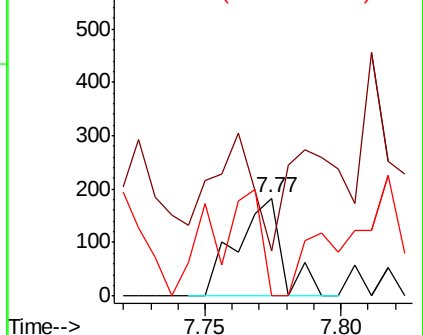
58 115.0 51.0 76.4#

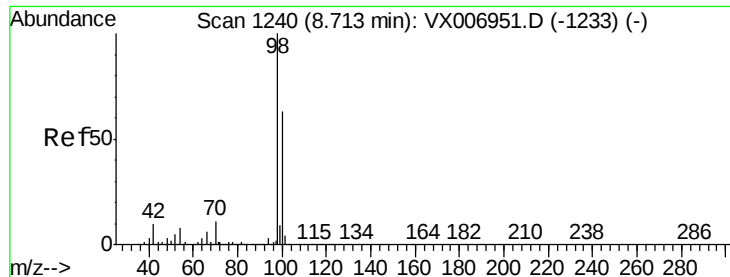


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.383 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007007.D

Acq: 11 Jan 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

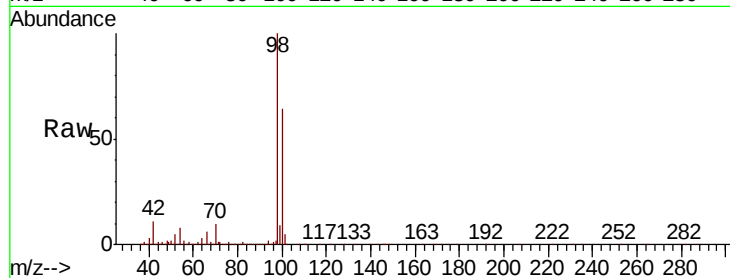
JC-03-010819-E

Tgt Ion: 98 Resp: 937855

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

600000

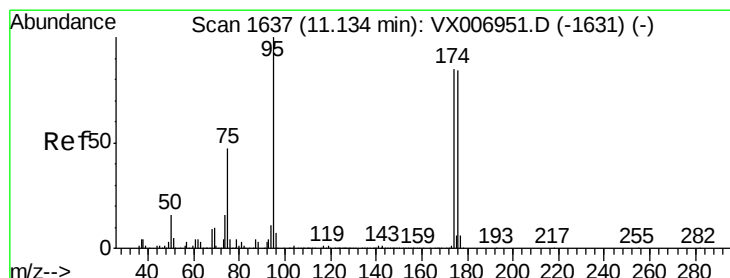
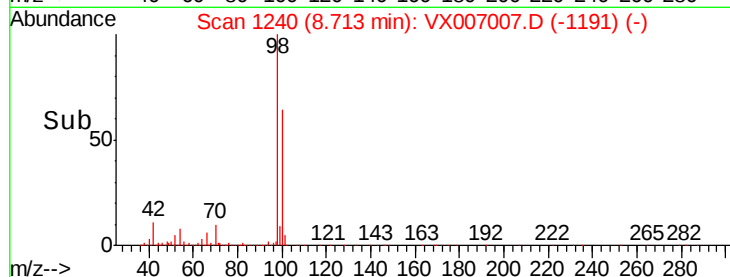
400000

200000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 53.572 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007007.D

Acq: 11 Jan 2019 12:24

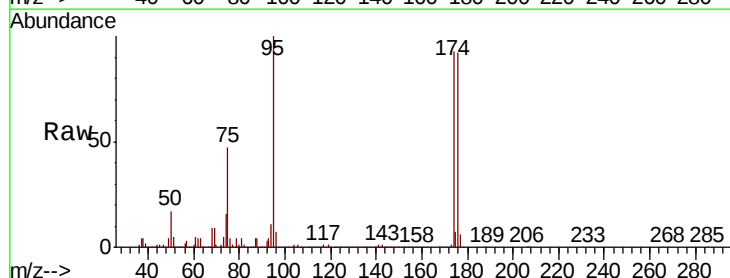
Tgt Ion: 95 Resp: 347653

Ion Ratio Lower Upper

95 100

174 90.7 0.0 182.2

176 89.6 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

300000

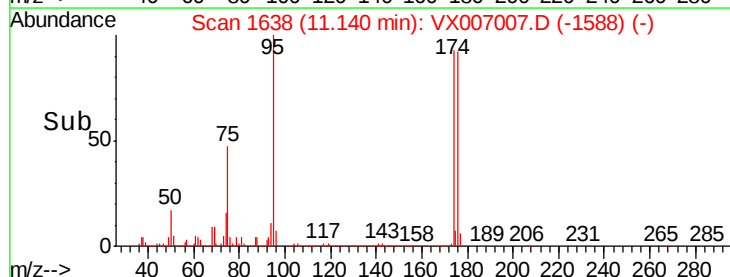
200000

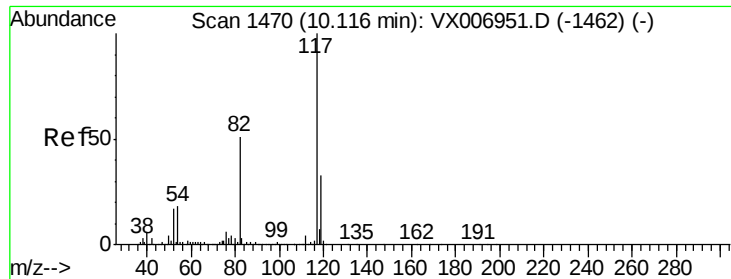
100000

0

11.00 11.10 11.20

Time-->

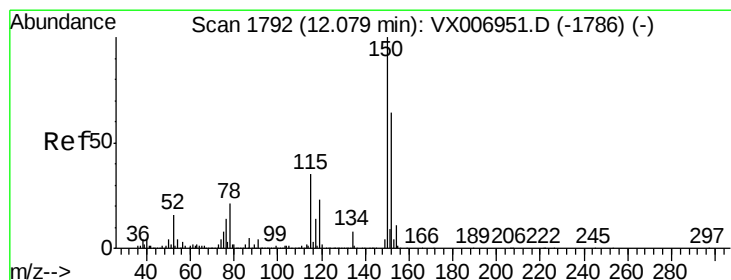
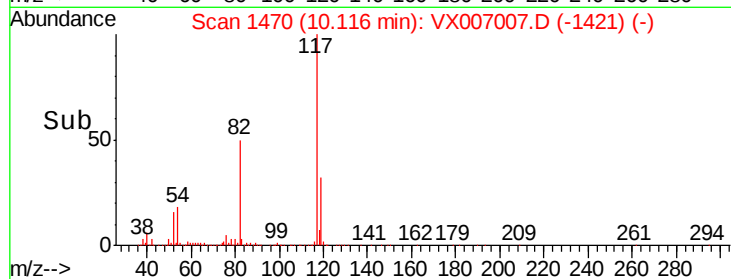
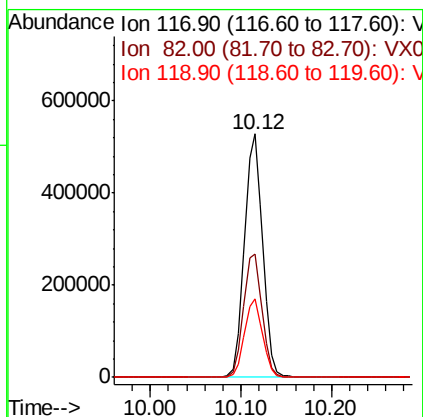
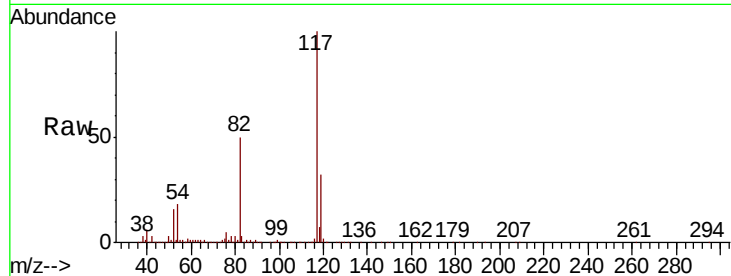




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007007.D
Acq: 11 Jan 2019 12:24

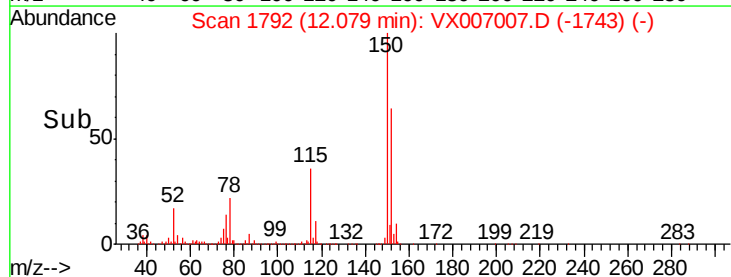
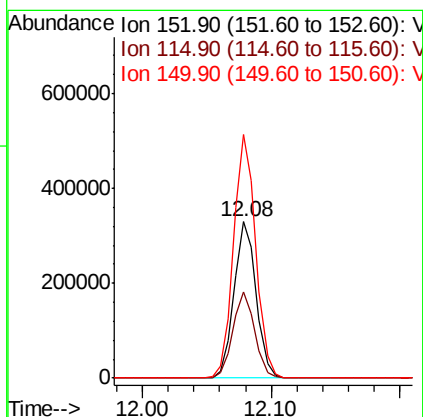
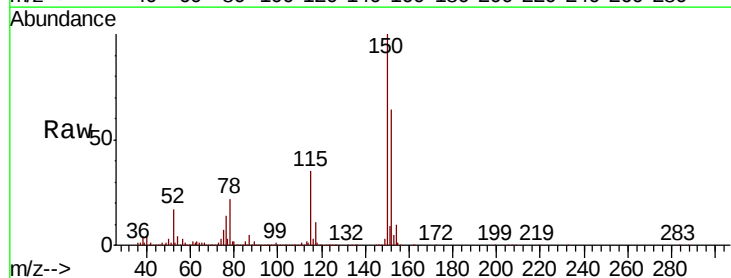
Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-E

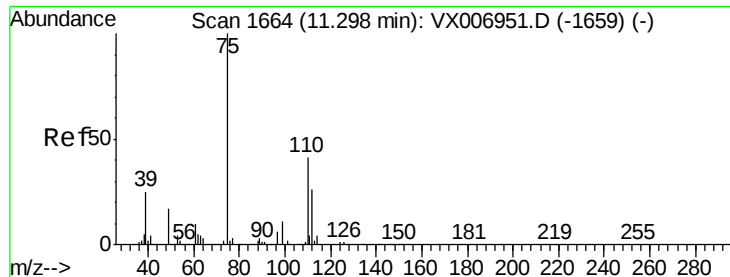
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.0	61.6
119	32.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007007.D
Acq: 11 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.1	117.2
150	155.5	0.0	344.8





#76

1,2,3-Trichloropropane

Concen: 20.387 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX007007.D

Acq: 11 Jan 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

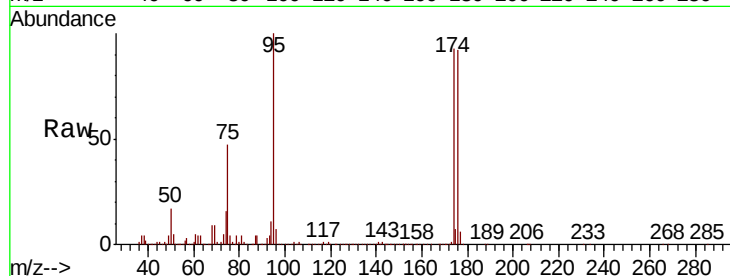
JC-03-010819-E

Tgt Ion: 75 Resp: 163827

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

11.14

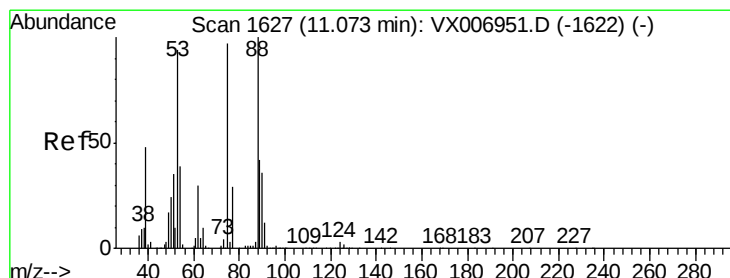
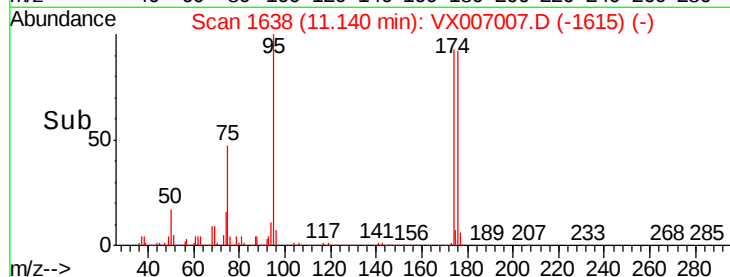
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 60.654 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX007007.D

Acq: 11 Jan 2019 12:24

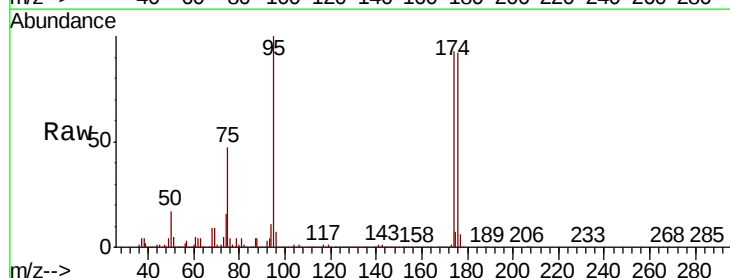
Tgt Ion: 75 Resp: 163827

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

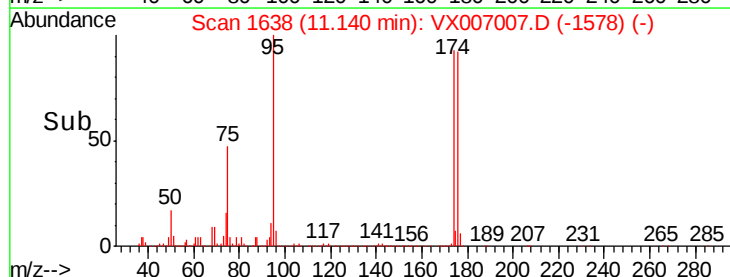
150000

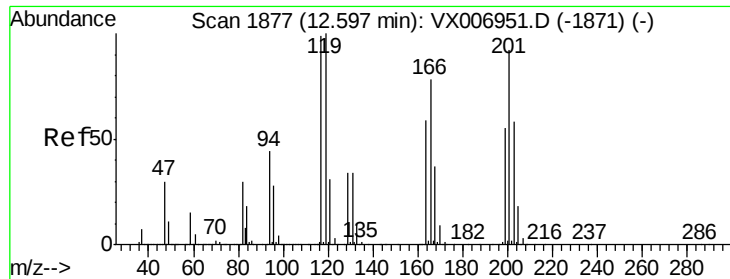
100000

50000

0

Time-->





#90

Hexachloroethane

Concen: 2.941 ug/l

RT: 12.48 min Scan# 1858

Delta R.T. -0.12 min

Lab File: VX007007.D

Acq: 11 Jan 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

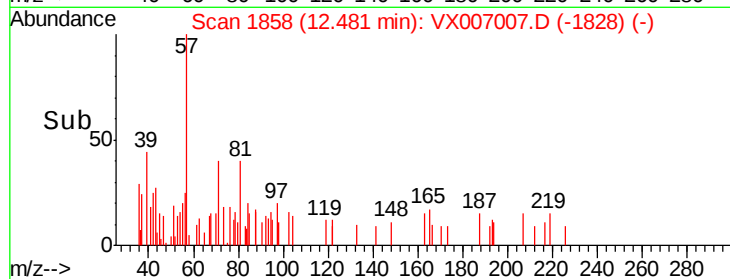
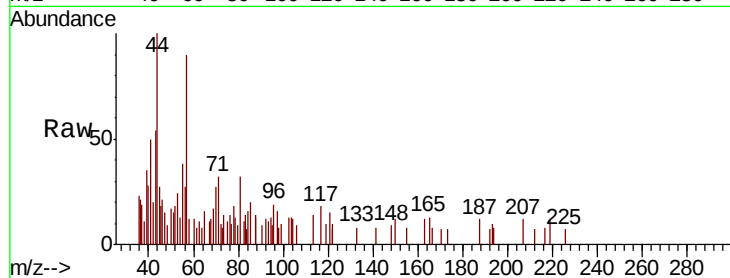
JC-03-010819-E

Tgt Ion:117 Resp: 138

Ion Ratio Lower Upper

117 100

201 59.4 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

