

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009420.D
 Acq On : 09 May 2019 12:18
 Operator : JC/SP
 Sample : K2748-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 07:05:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97266	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	118414	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
35) Dibromofluoromethane	5.50	113	89695	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
50) Toluene-d8	8.71	98	360839	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	112651	42.22	ug/l	0.00
Spiked Amount			Recovery	=	84.44%	

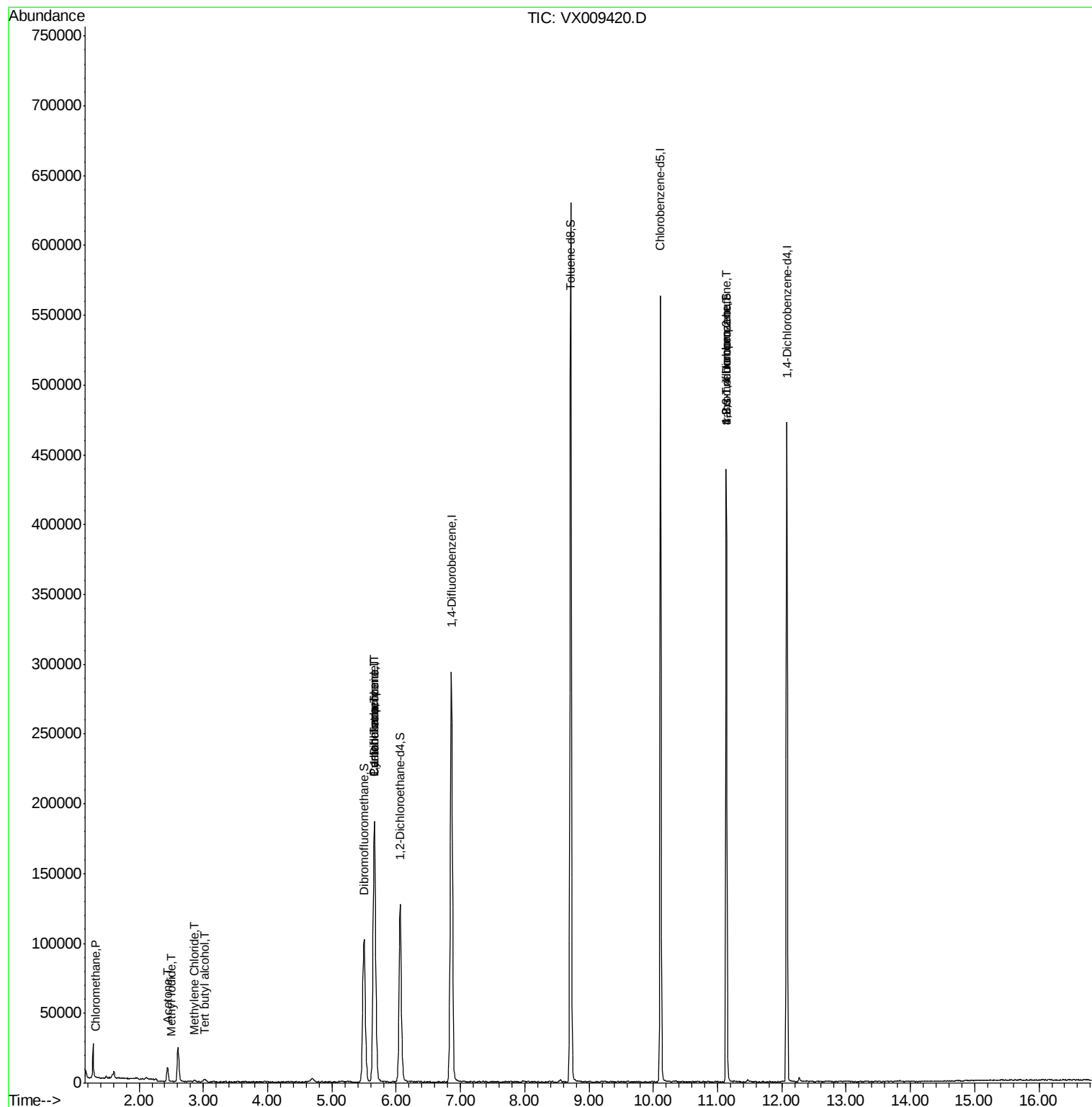
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	556	0.240	ug/l #	71
10) Methyl Iodide	2.51	142	274	4.718	ug/l #	49
11) Tert butyl alcohol	3.03	59	1564	2.690	ug/l #	73
16) Acetone	2.44	43	11583	8.590	ug/l	99
20) Methylene Chloride	2.85	84	498	0.228	ug/l #	81
28) Bromochloromethane	4.95	49	26	Below Cal	#	20
31) Cyclohexane	5.66	56	3581	0.964	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13673	5.086	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17634	7.219	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	56941	25.237	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	56941	64.573	ug/l #	10

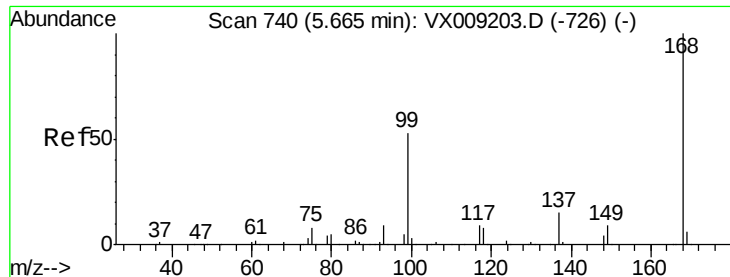
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 10 07:05:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009420.D

Acq: 09 May 2019 12:18

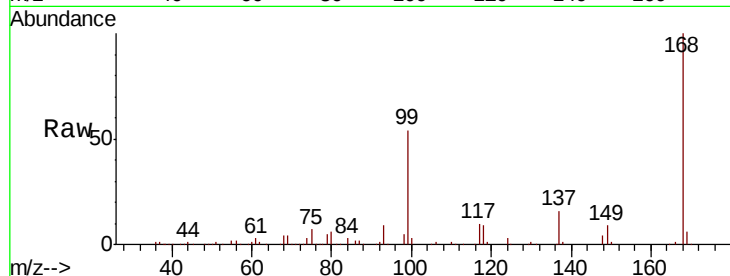
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 183966

Ion Ratio Lower Upper

168 100

99 53.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009420.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX009420.D (-691) (-)

5.66

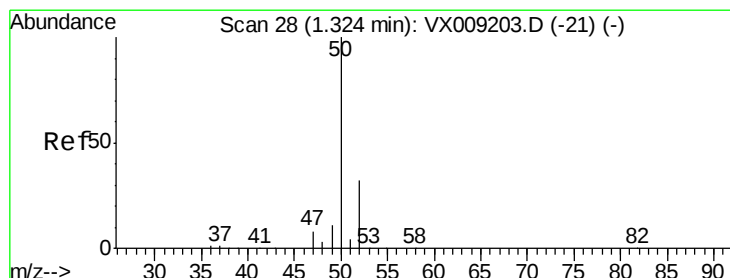
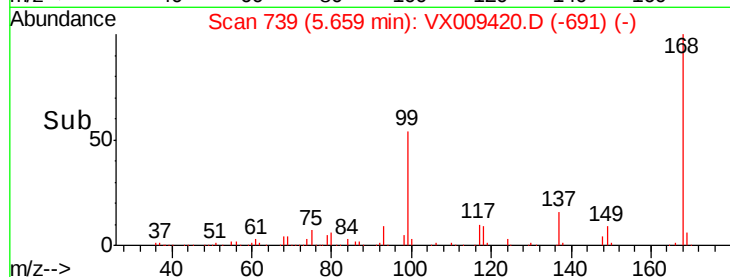
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.240 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009420.D

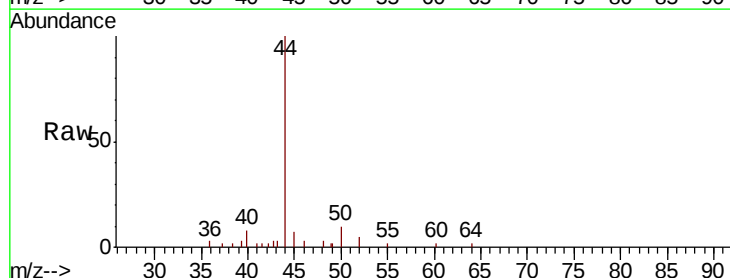
Acq: 09 May 2019 12:18

Tgt Ion: 50 Resp: 556

Ion Ratio Lower Upper

50 100

52 48.5 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX009420.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VX009420.D (-1) (-)

1.32

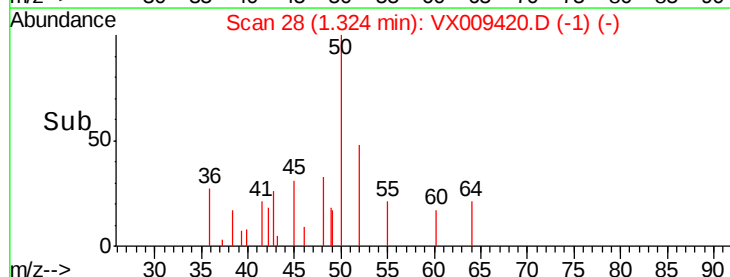
300

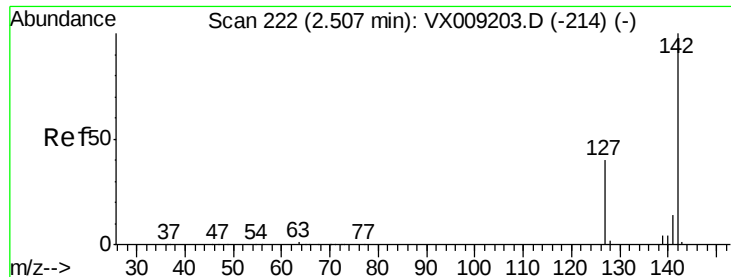
200

100

0

Time--> 1.25 1.30 1.35 1.40

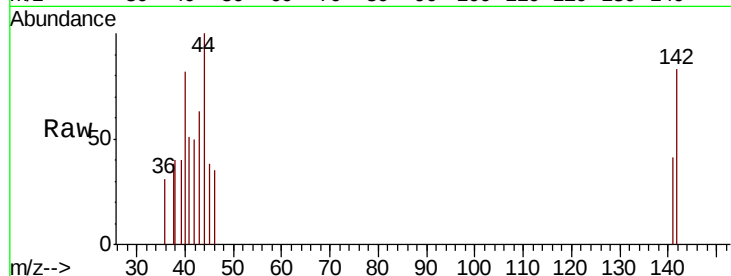




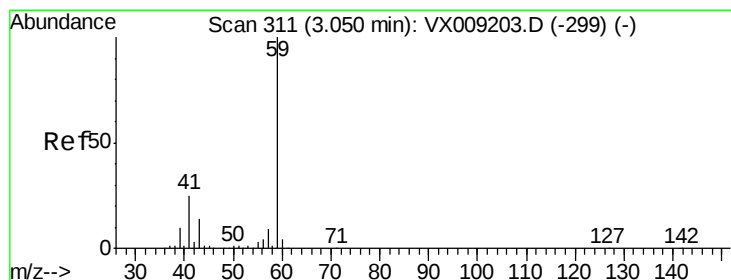
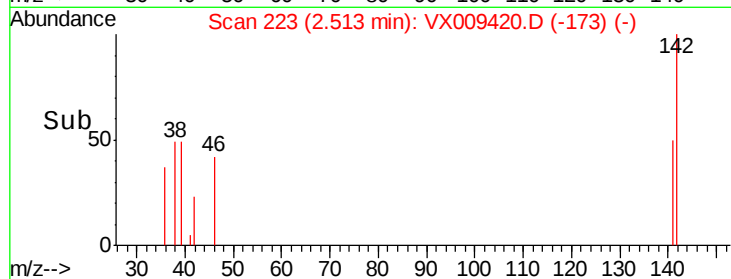
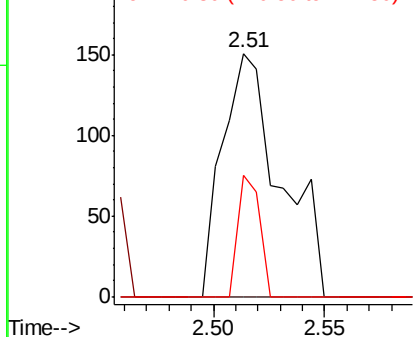
#10
Methvl Iodide
Concen: 4.718 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009420.D
Acq: 09 May 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 274
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 18.6 11.5 17.3#

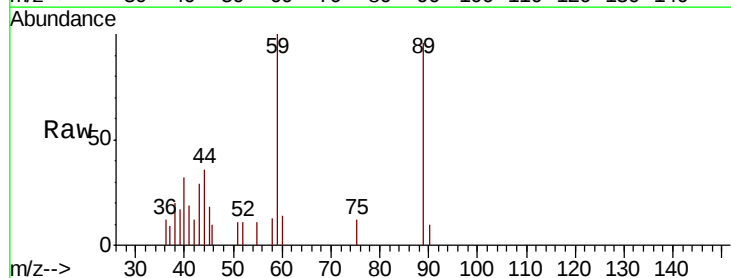


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

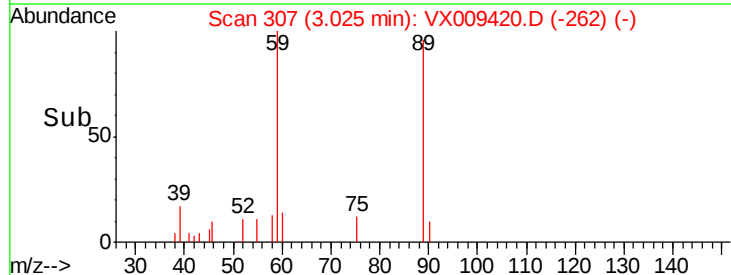
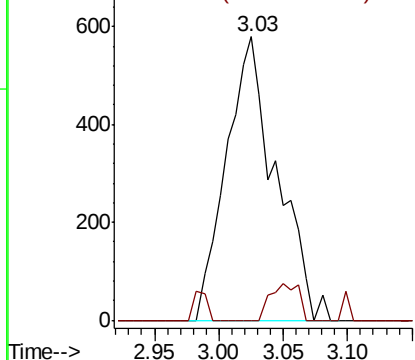


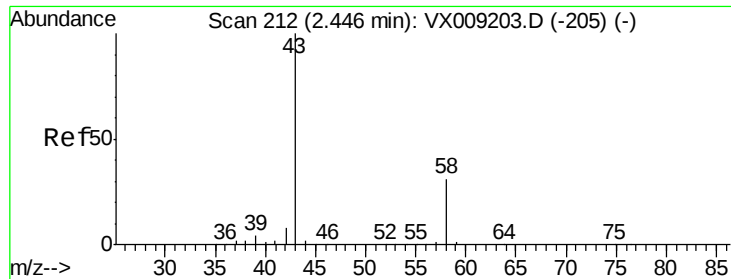
#11
Tert butyl alcohol
Concen: 2.690 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX009420.D
Acq: 09 May 2019 12:18

Tgt Ion: 59 Resp: 1564
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 8.590 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009420.D

Acq: 09 May 2019 12:18

Instrument :

MSVOA_X

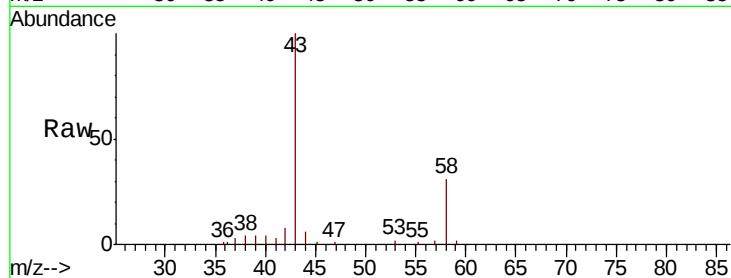
ClientSampleId :

Tot Ion: 43 Resp: 11583

Ion Ratio Lower Upper

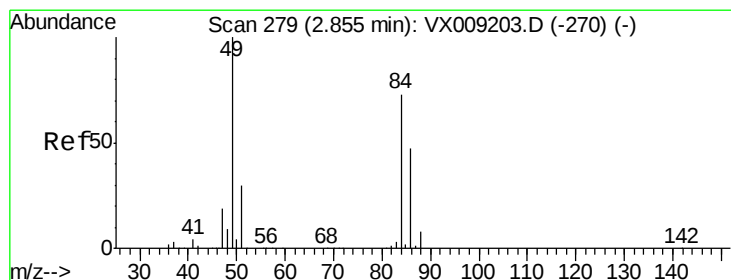
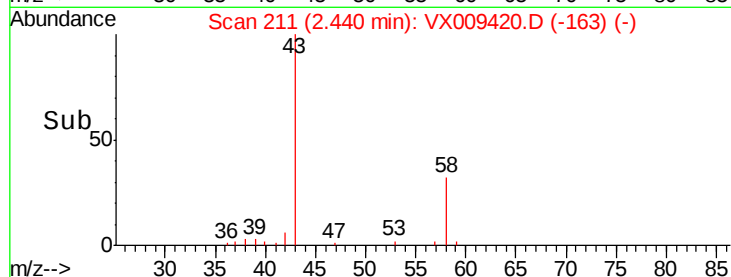
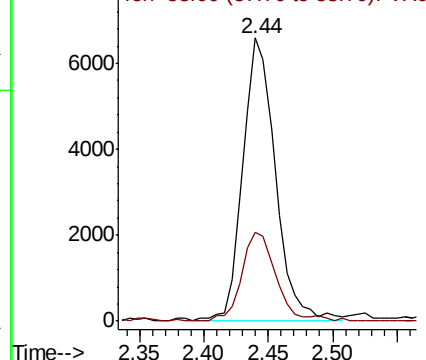
43 100

58 31.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.228 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX009420.D

Acq: 09 May 2019 12:18

Tgt Ion: 84 Resp: 498

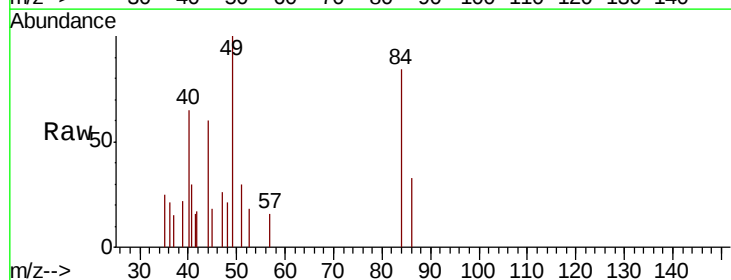
Ion Ratio Lower Upper

84 100

49 118.6 109.9 164.9

51 35.7 32.7 49.1

86 39.2 52.0 78.0#

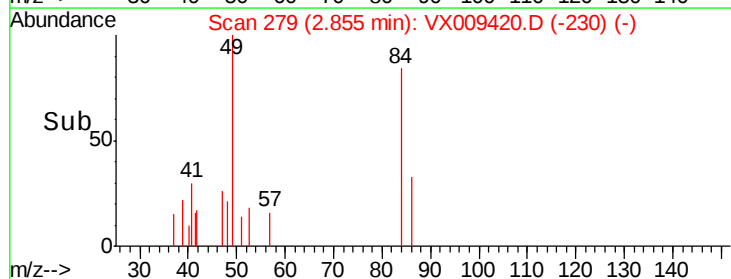
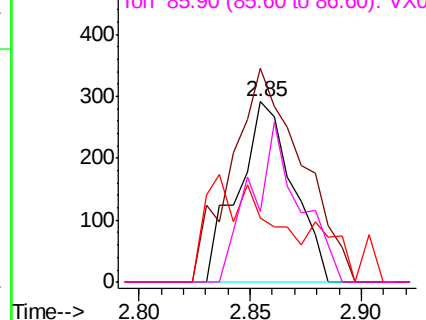


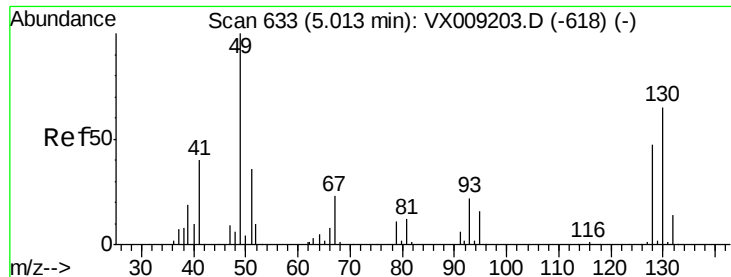
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#28

Bromochloromethane

Concen: Below Cal

RT: 4.95 min Scan# 622

Delta R.T. -0.07 min

Lab File: VX009420.D

Acq: 09 May 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

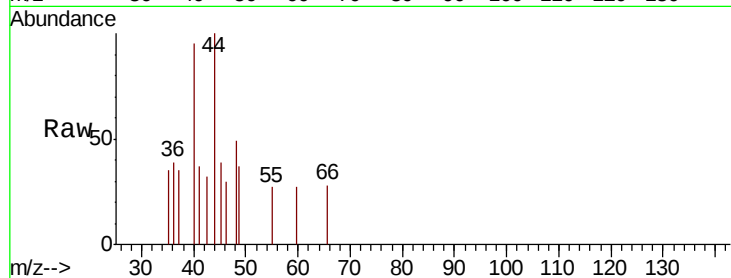
Tot Ion: 49 Resp: 26

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

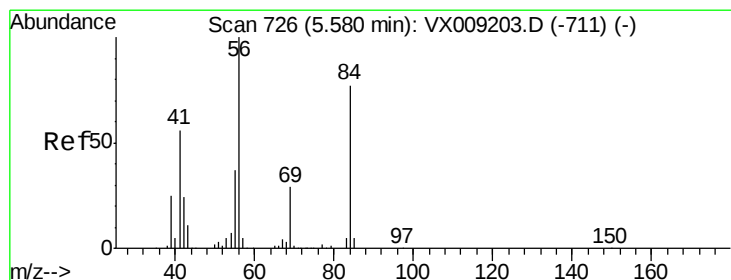
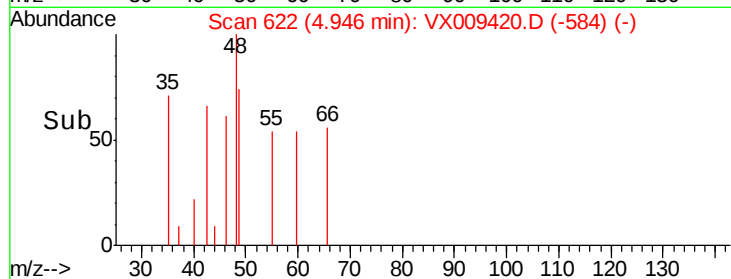
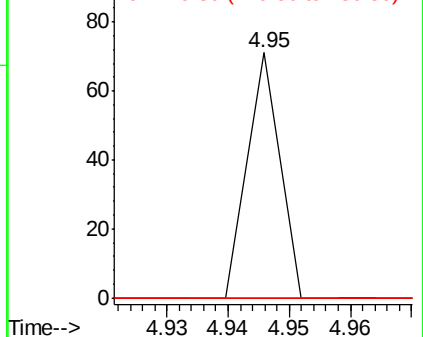
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 0.964 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX009420.D

Acq: 09 May 2019 12:18

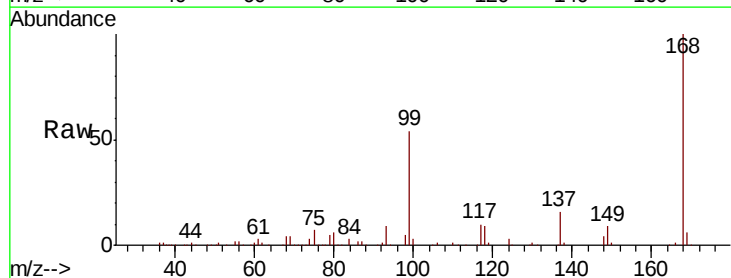
Tgt Ion: 56 Resp: 3581

Ion Ratio Lower Upper

56 100

69 181.4 23.4 35.0#

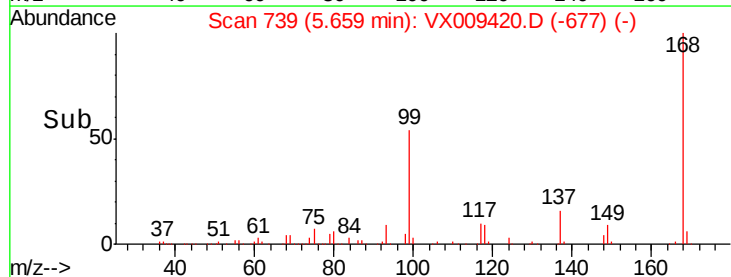
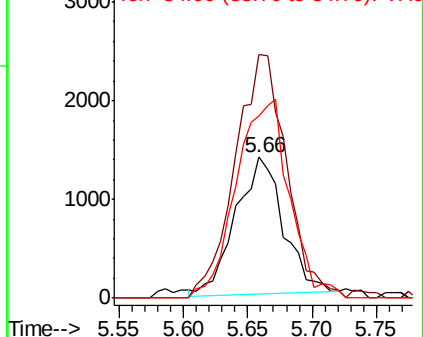
84 135.6 61.9 92.9#

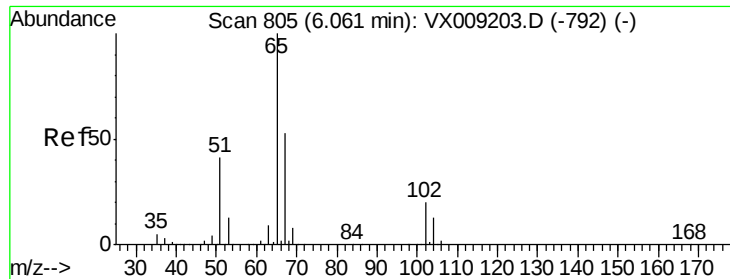


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

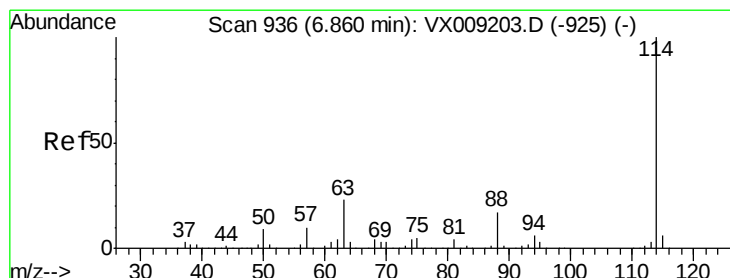
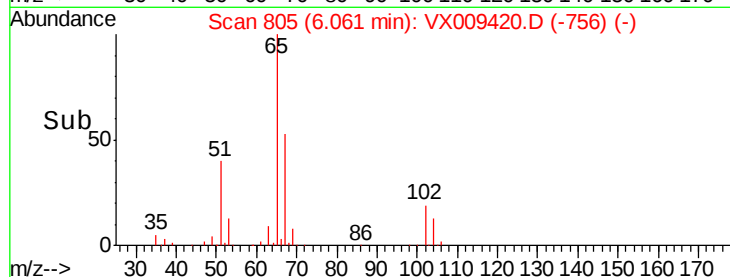
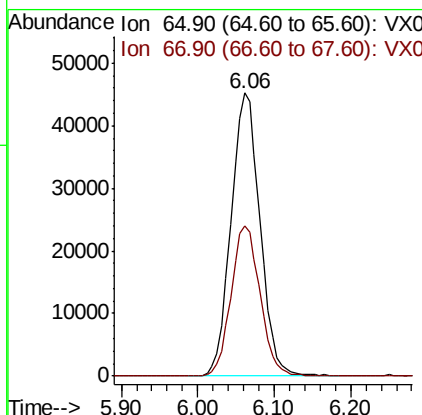
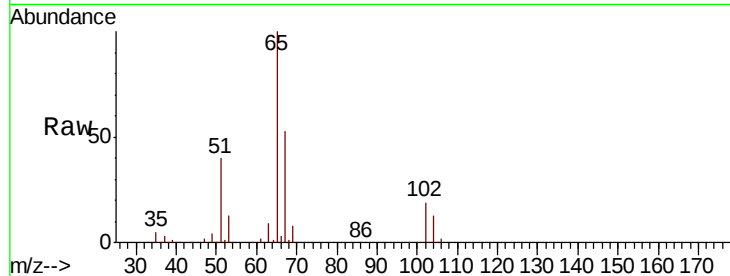




#33
 1,2-Dichloroethane-d4
 Concen: 47.151 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009420.D
 Acq: 09 May 2019 12:18

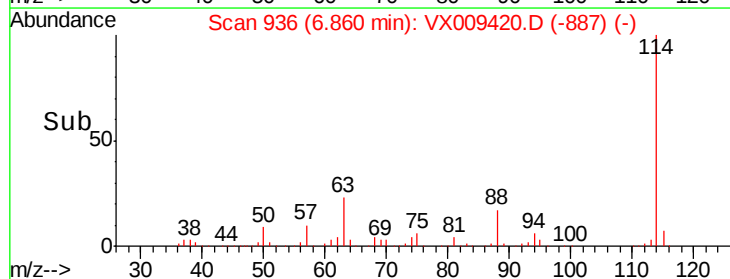
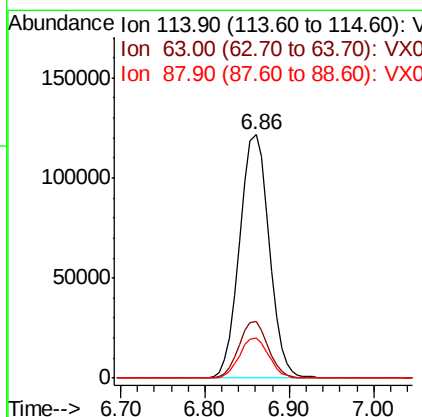
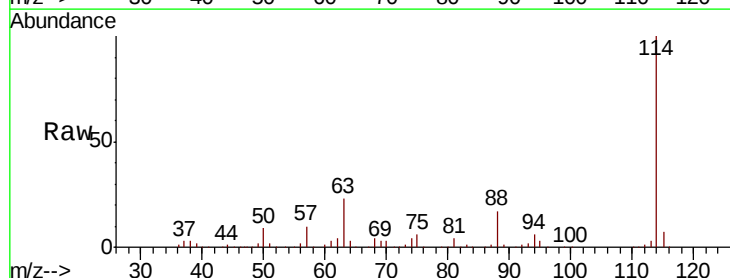
Instrument :
 MSVOA_X
 ClientSampled :

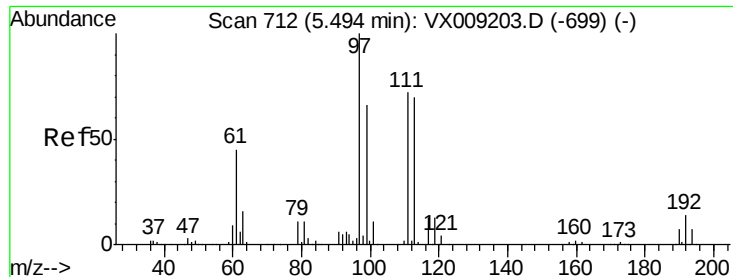
Tot Ion: 65 Resp: 118414
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009420.D
 Acq: 09 May 2019 12:18

Tgt Ion: 114 Resp: 289297
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.6
 88 16.6 0.0 33.2

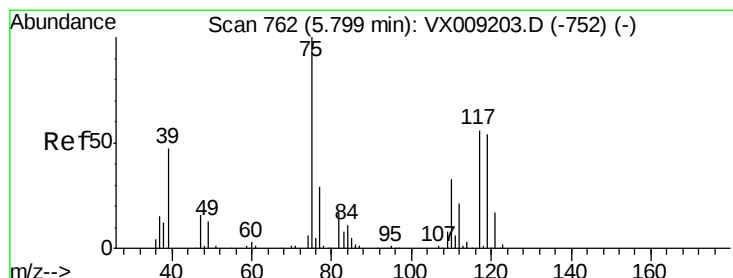
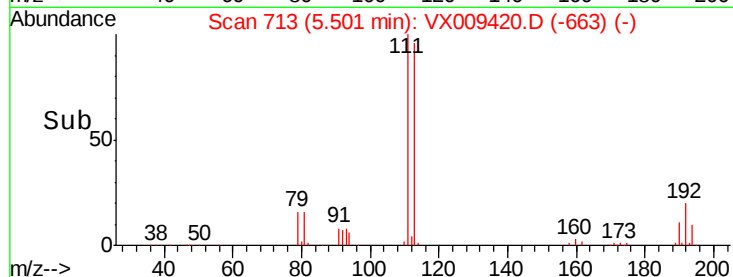
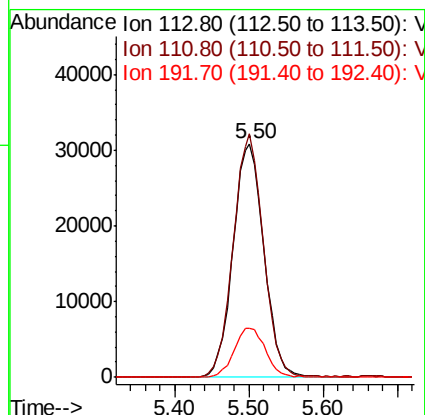
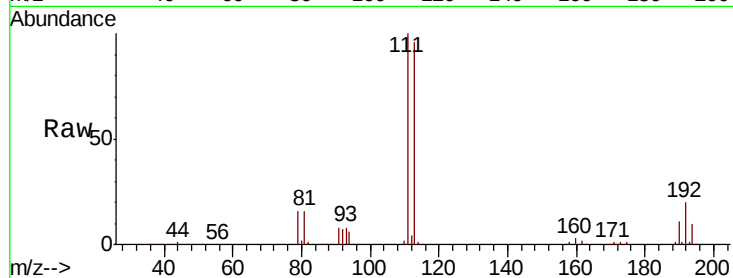




#35
 Dibromofluoromethane
 Concen: 49.320 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009420.D
 Acq: 09 May 2019 12:18

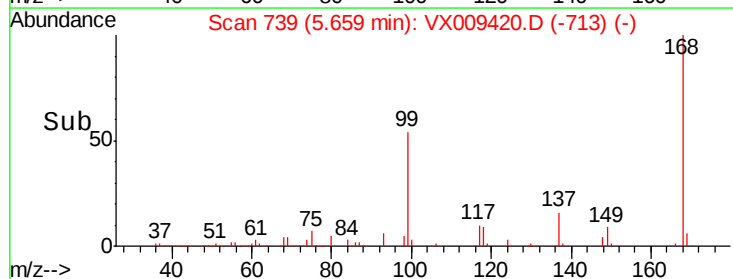
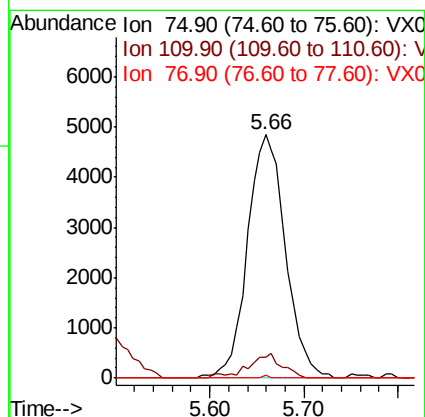
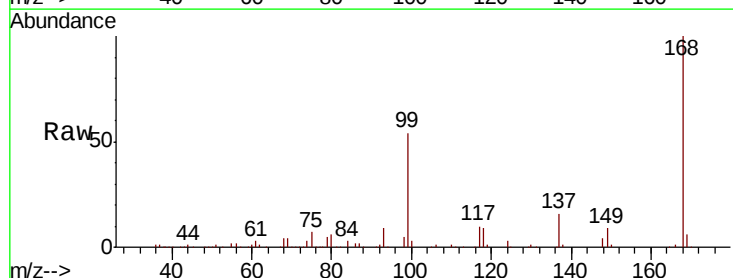
Instrument :
 MSVOA_X
 ClientSampleId :

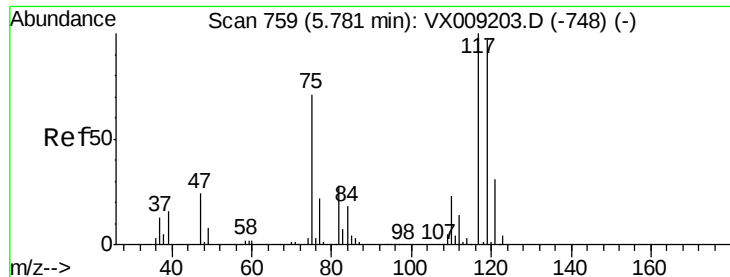
Tot Ion:113 Resp: 89695
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.8 124.2
 192 21.4 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.086 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009420.D
 Acq: 09 May 2019 12:18

Tgt Ion: 75 Resp: 13673
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.9 50.6#
 77 0.2 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 7.219 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009420.D

Acq: 09 May 2019 12:18

Instrument :
MSVOA_X
ClientSampleId :

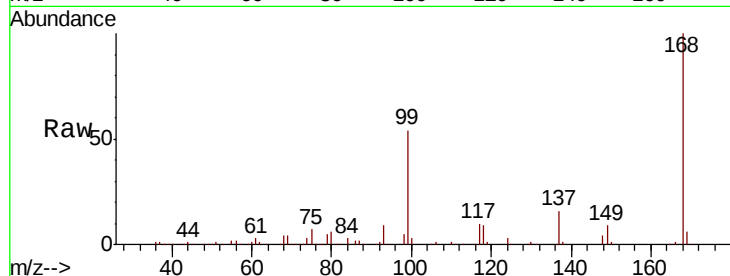
Tot Ion:117 Resp: 17634

Ion Ratio Lower Upper

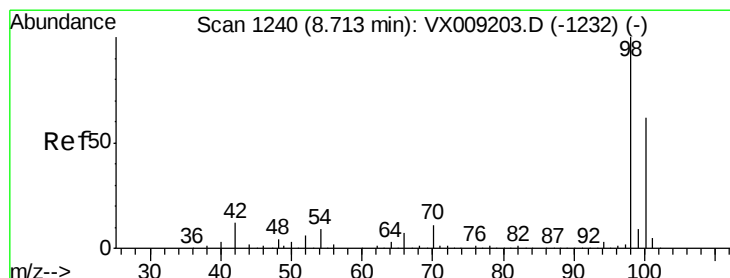
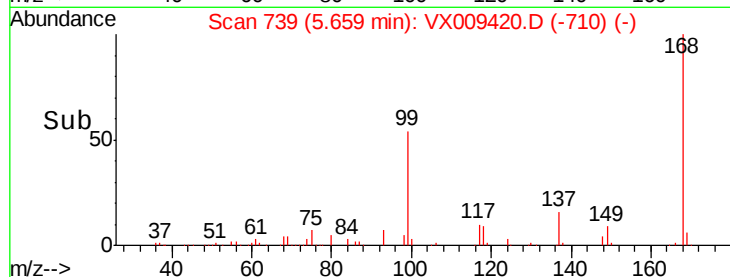
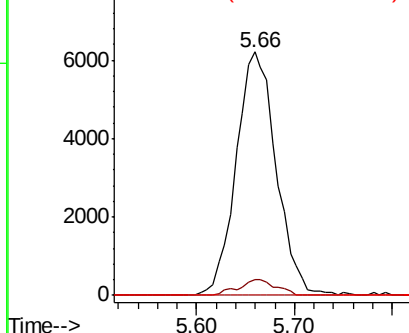
117 100

119 6.4 77.5 116.3#

121 0.0 24.7 37.1#



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



#50

Toluene-d8

Concen: 49.145 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009420.D

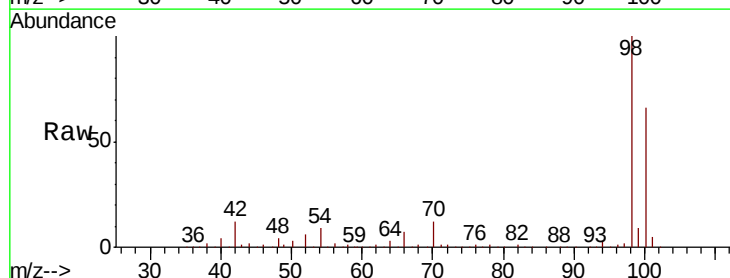
Acq: 09 May 2019 12:18

Tgt Ion: 98 Resp: 360839

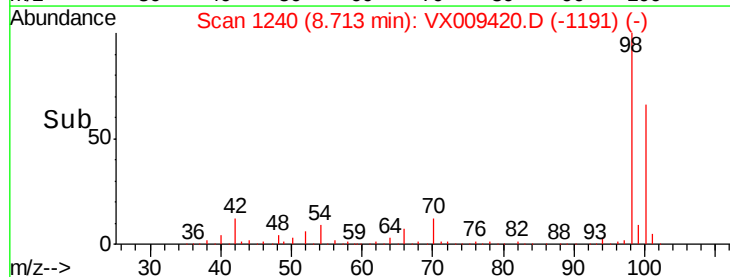
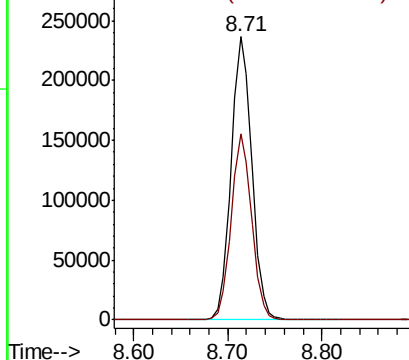
Ion Ratio Lower Upper

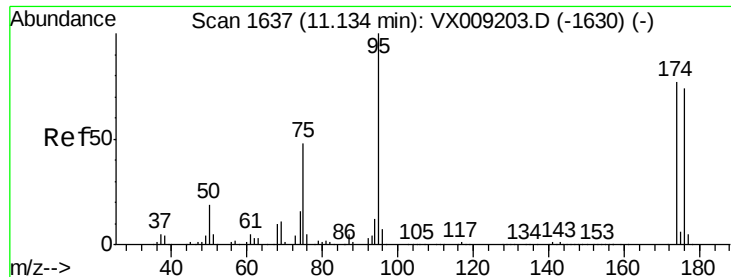
98 100

100 64.9 51.2 76.8



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





#62

4-Bromofluorobenzene

Concen: 42.224 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009420.D

Acq: 09 May 2019 12:18

Instrument :

MSVOA_X

ClientSampled :

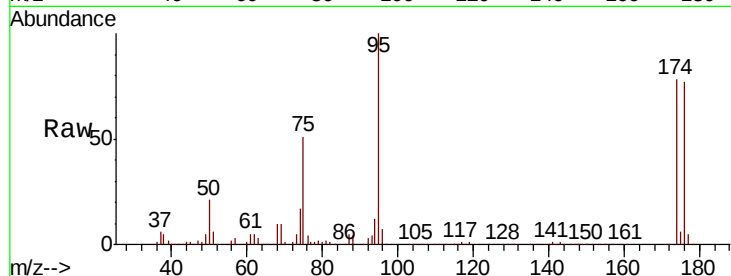
Tot Ion: 95 Resp: 112651

Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.6

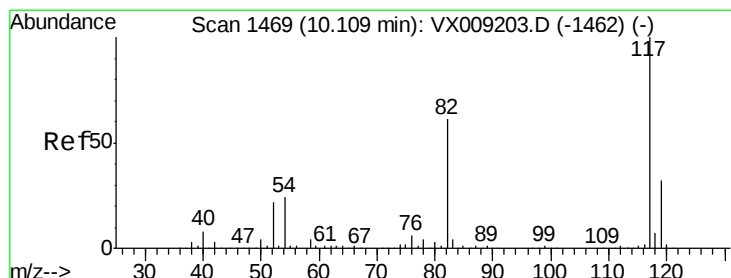
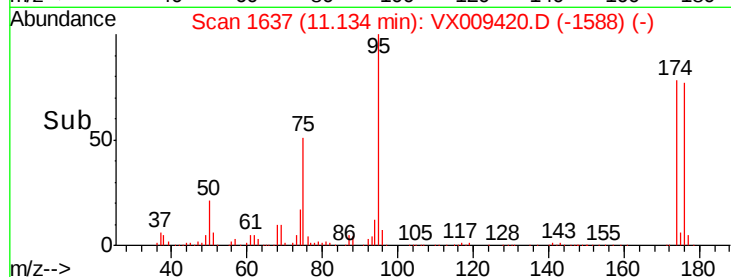
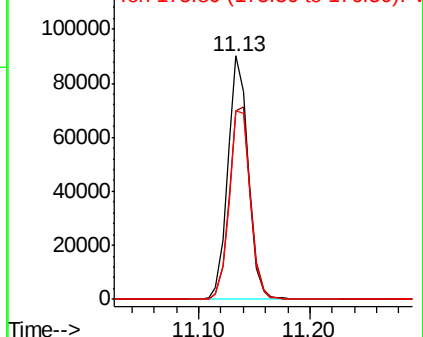
176 80.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009420.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009420.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009420.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009420.D

Acq: 09 May 2019 12:18

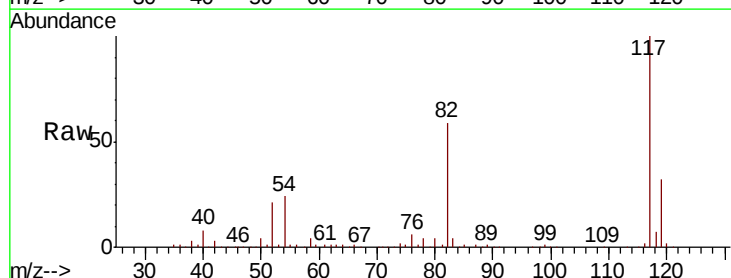
Tgt Ion: 117 Resp: 249644

Ion Ratio Lower Upper

117 100

82 59.3 48.8 73.2

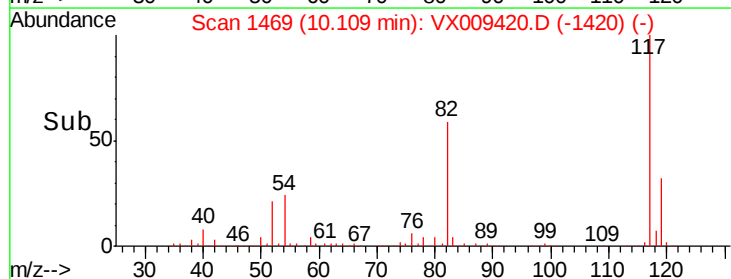
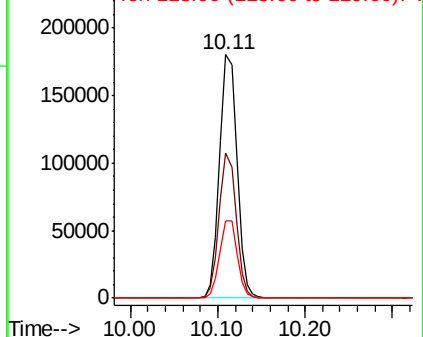
119 31.9 25.8 38.6

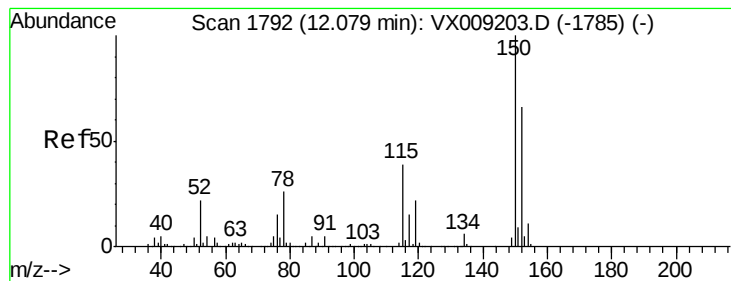


Abundance Ion 116.90 (116.60 to 117.60): VX009420.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009420.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009420.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009420.D

Acq: 09 May 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

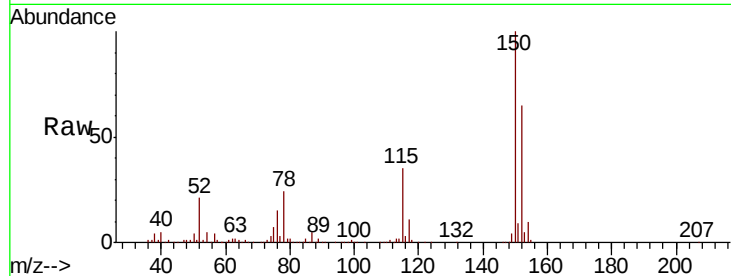
Tot Ion:152 Resp: 97266

Ion Ratio Lower Upper

152 100

115 57.8 41.2 123.6

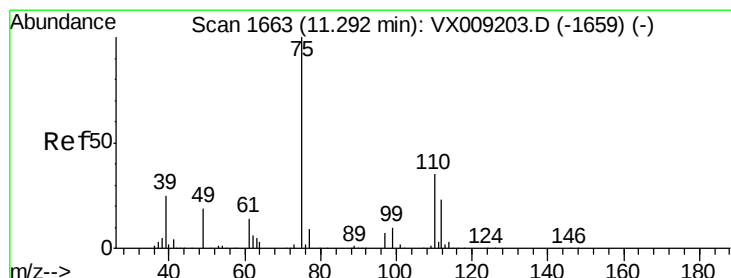
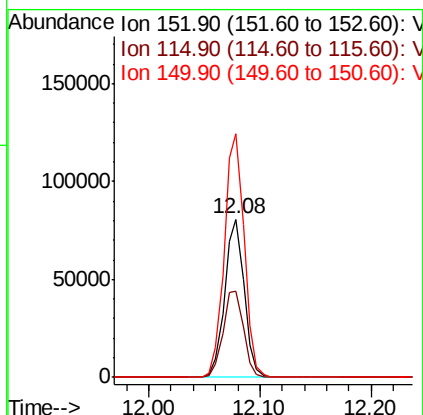
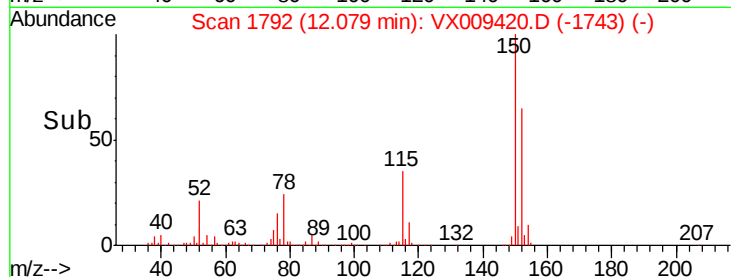
150 157.2 0.0 346.4



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: 25.237 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009420.D

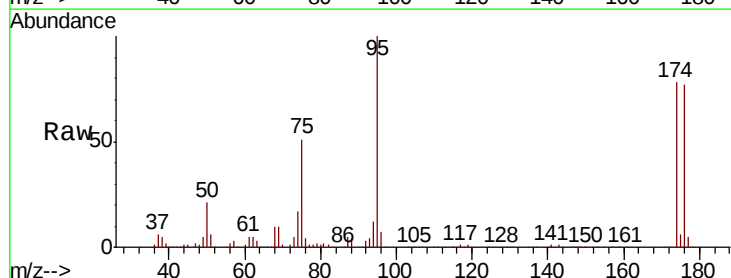
Acq: 09 May 2019 12:18

Tgt Ion: 75 Resp: 56941

Ion Ratio Lower Upper

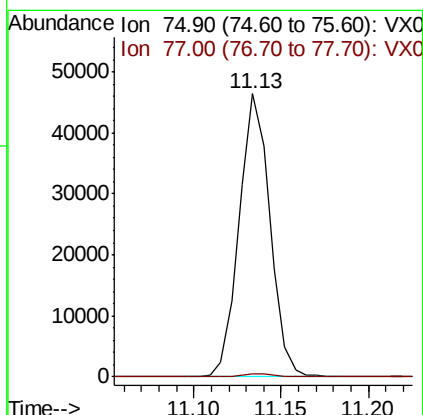
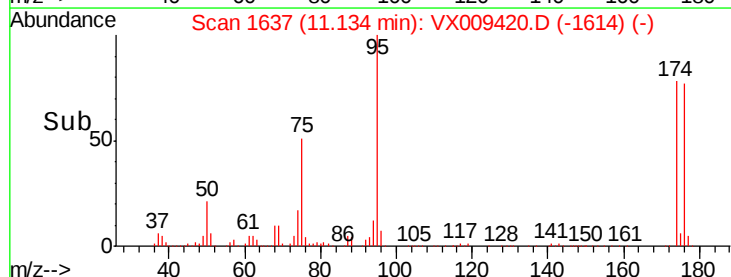
75 100

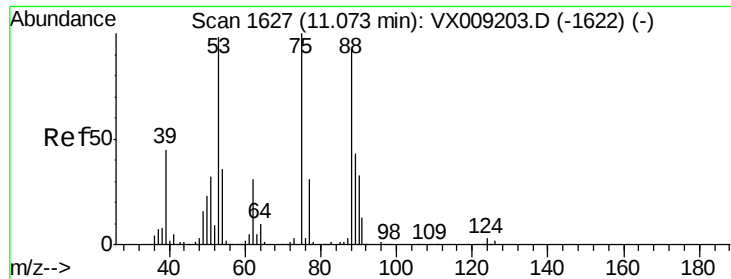
77 1.4 22.1 66.1#



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: 64.573 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009420.D

Acq: 09 May 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 56941

Ion Ratio Lower Upper

75 100

53 0.0 79.0 118.6#

89 0.0 34.7 52.1#

