

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009842.D
 Acq On : 23 May 2019 07:08
 Operator : JC/SP
 Sample : K2977-06 50X
 Misc : 5.94g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 09:11:55 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	5.67	168	182078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138504	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	127270	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
35) Dibromofluoromethane	5.49	113	90130	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
50) Toluene-d8	8.71	98	382321	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.13	95	141900	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	

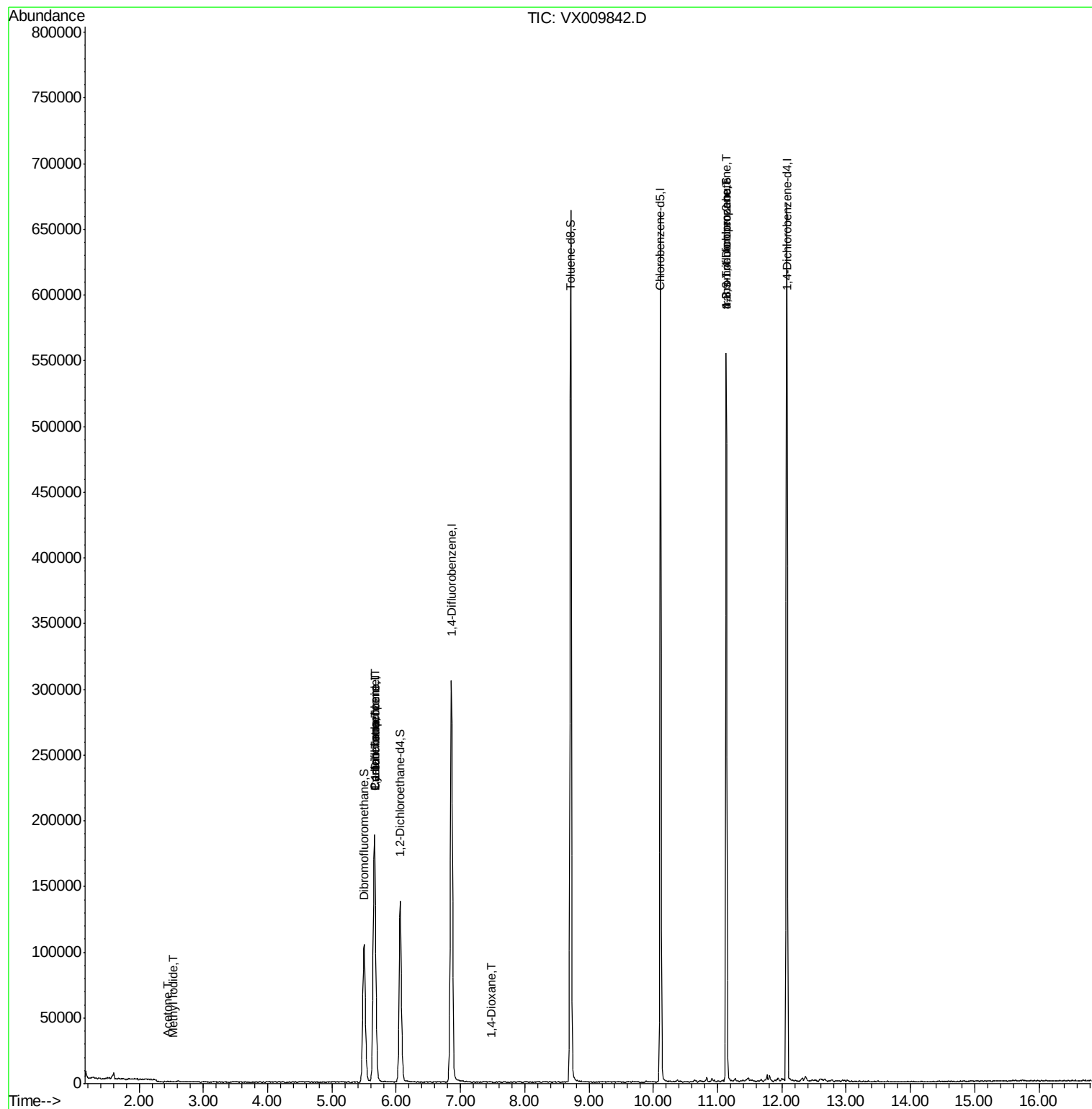
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	19	4.603	ug/l #	42
16) Acetone	2.43	43	691	0.518	ug/l #	81
28) Bromochloromethane	5.03	49	19	Below Cal	#	20
31) Cyclohexane	5.67	56	4255	1.158	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14730	5.317	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17492	6.949	ug/l #	16
49) 1,4-Dioxane	7.48	88	24	0.386	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	74282	23.121	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	74282	59.158	ug/l #	11

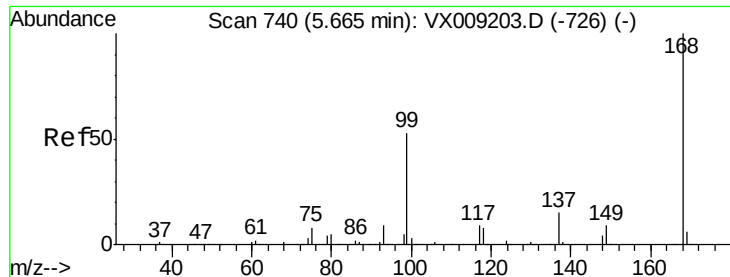
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 23 09:11:55 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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009842.D

Acq: 23 May 2019 07:08

Instrument :

MSVOA_X

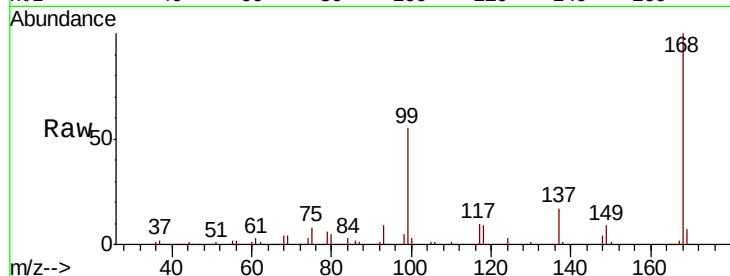
ClientSampleId :

Tot Ion:168 Resp: 182078

Ion Ratio Lower Upper

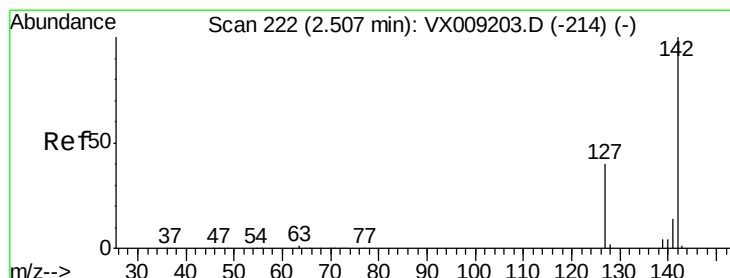
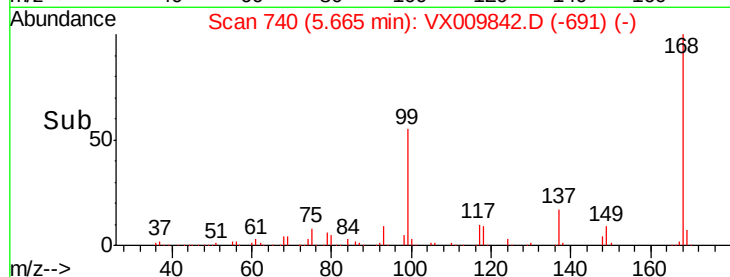
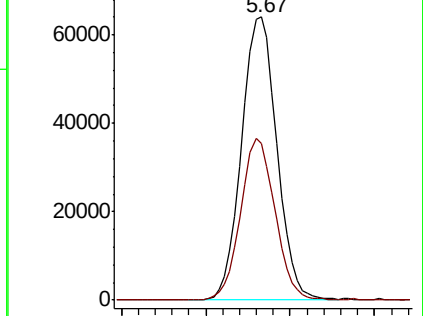
168 100

99 55.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 4.603 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009842.D

Acq: 23 May 2019 07:08

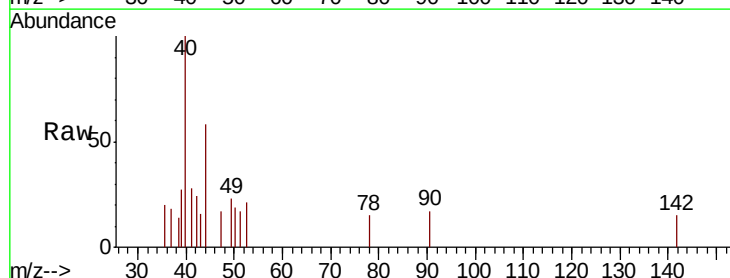
Tgt Ion:142 Resp: 19

Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

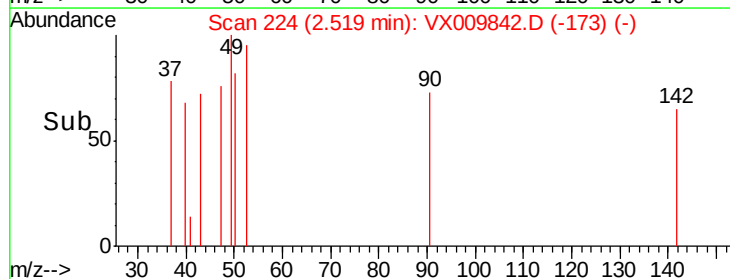
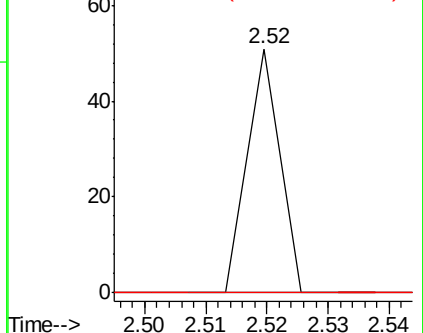
141 0.0 11.5 17.3#

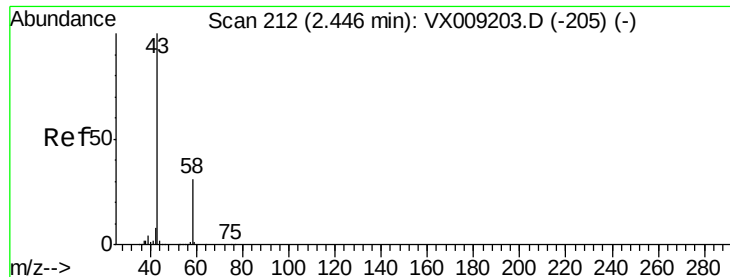


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

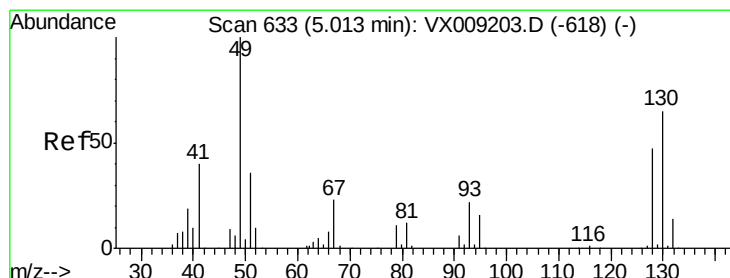
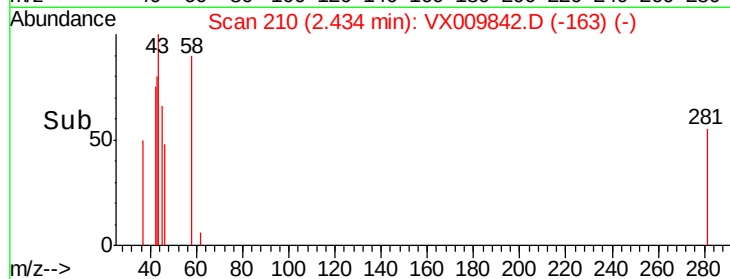
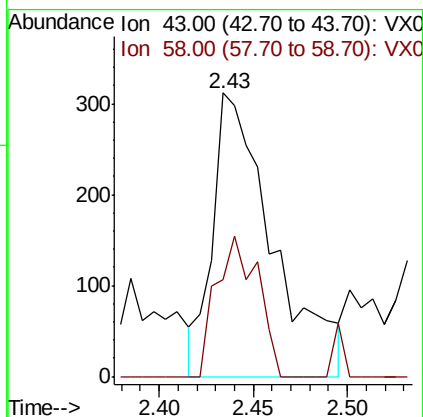
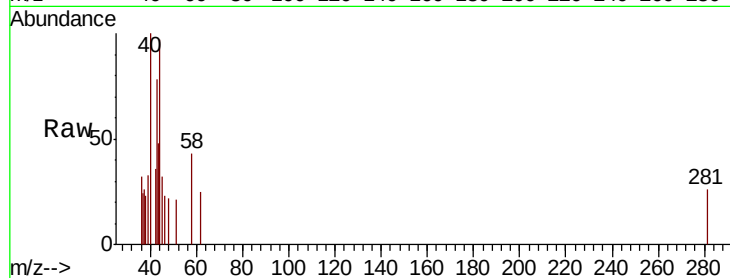




#16
Acetone
Concen: 0.518 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX009842.D
Acq: 23 May 2019 07:08

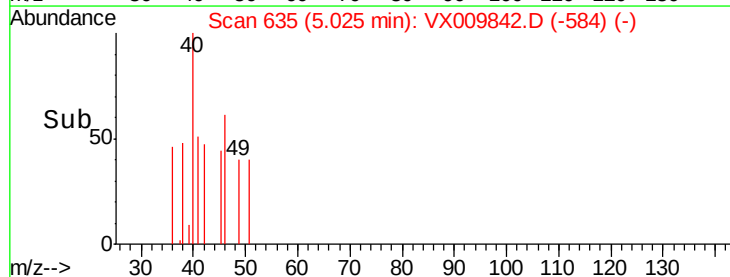
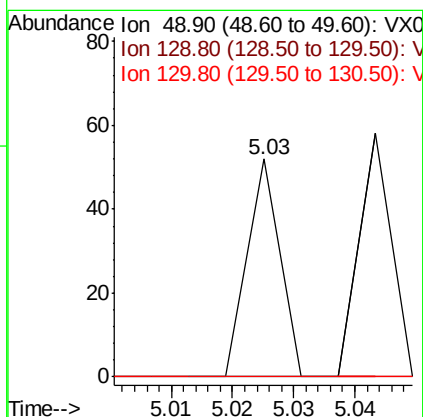
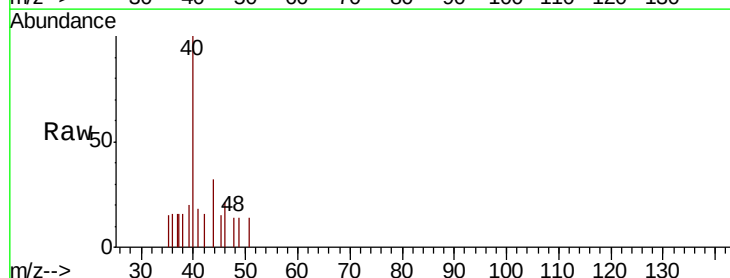
Instrument :
MSVOA_X
ClientSampled :

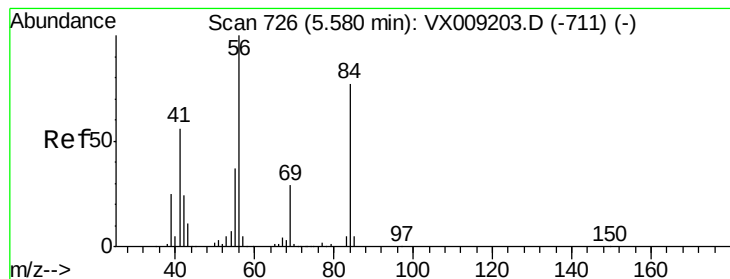
Tot Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
58 41.6 24.9 37.3#



#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX009842.D
Acq: 23 May 2019 07:08

Tgt Ion: 49 Resp: 19
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 51.2 76.8#





#31

Cyclohexane

Concen: 1.158 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX009842.D

Acq: 23 May 2019 07:08

Instrument :

MSVOA_X

ClientSampleId :

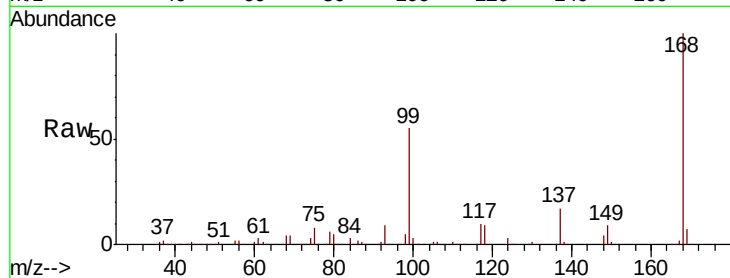
Tot Ion: 56 Resp: 4255

Ion Ratio Lower Upper

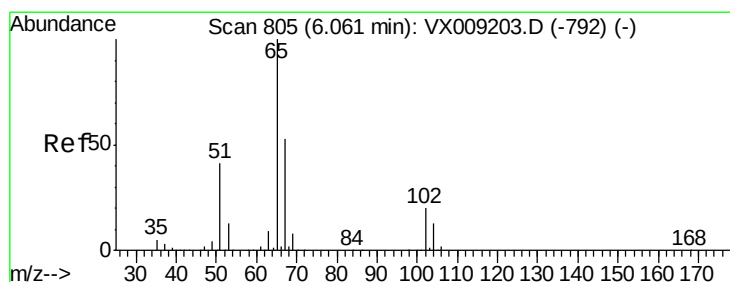
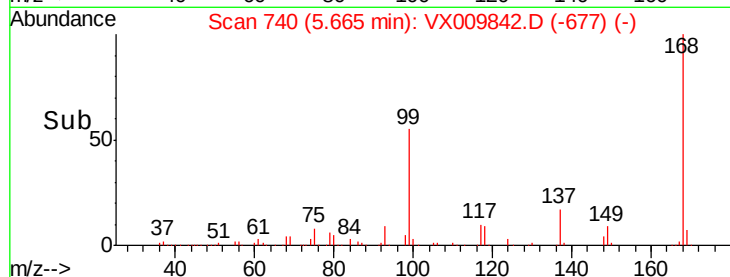
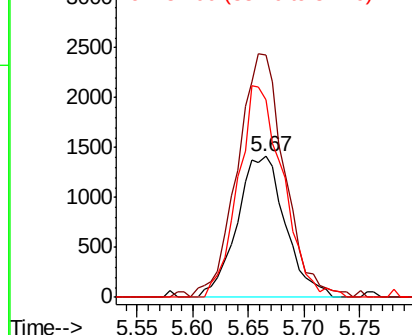
56 100

69 172.1 23.4 35.0#

84 139.9 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: 51.203 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009842.D

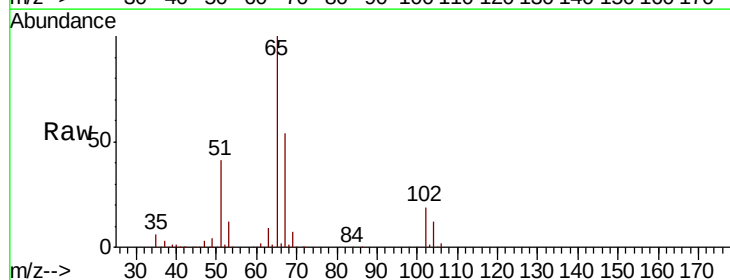
Acq: 23 May 2019 07:08

Tgt Ion: 65 Resp: 127270

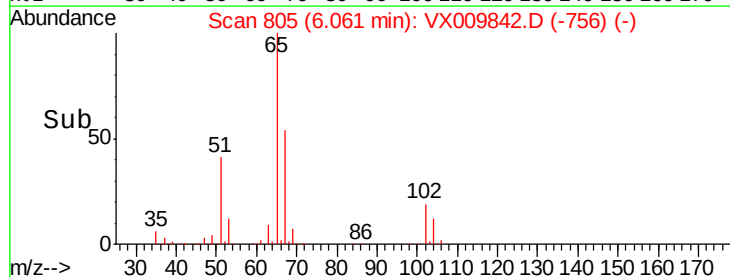
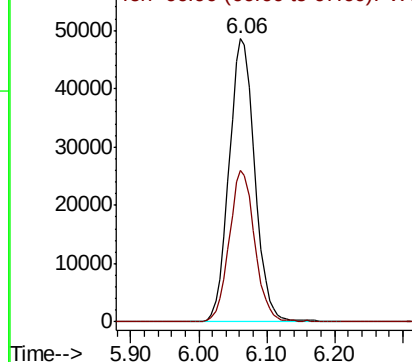
Ion Ratio Lower Upper

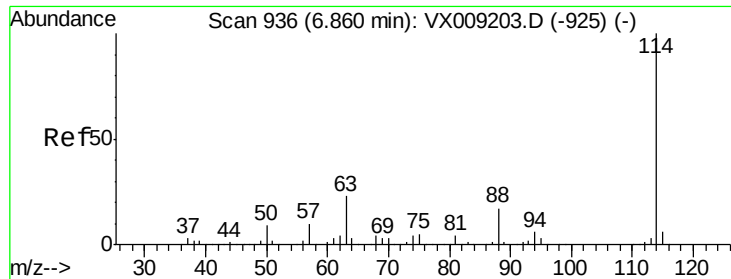
65 100

67 52.9 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

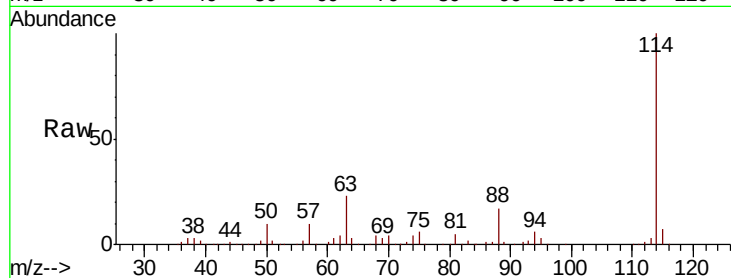




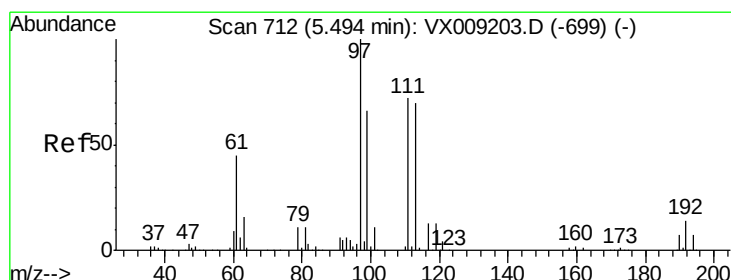
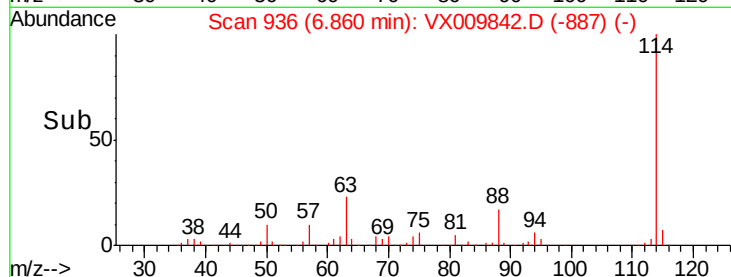
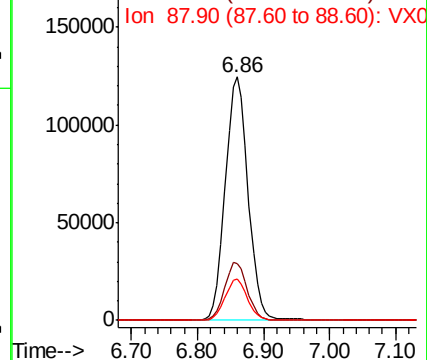
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009842.D
Acq: 23 May 2019 07:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	45.6
88	17.0	0.0	33.2

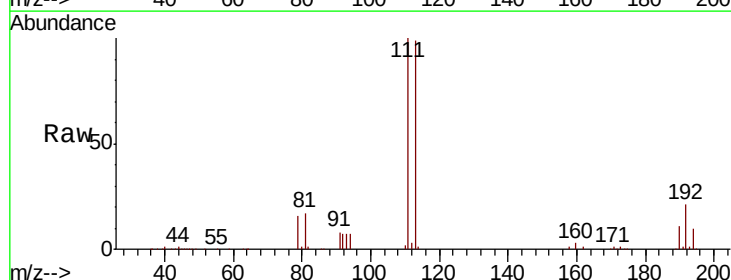


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

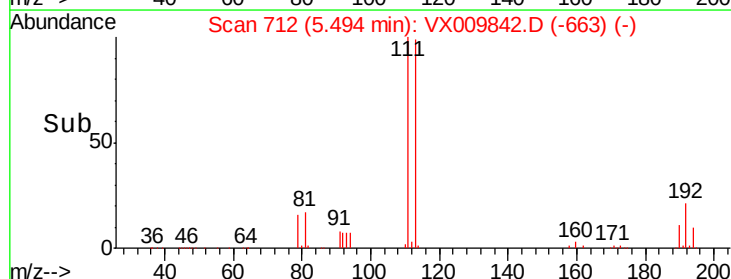
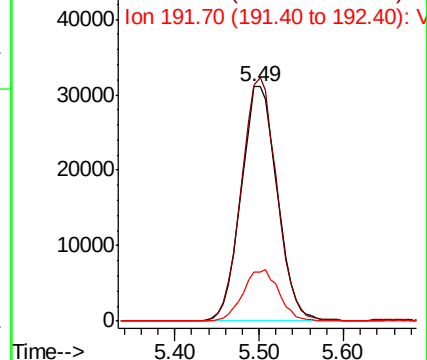


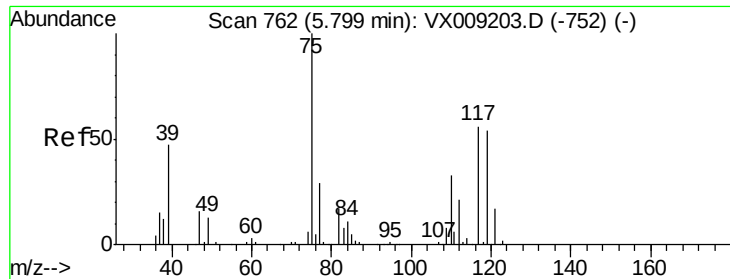
#35
Dibromofluoromethane
Concen: 48.092 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009842.D
Acq: 23 May 2019 07:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.8	124.2
192	21.9	17.0	25.6



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

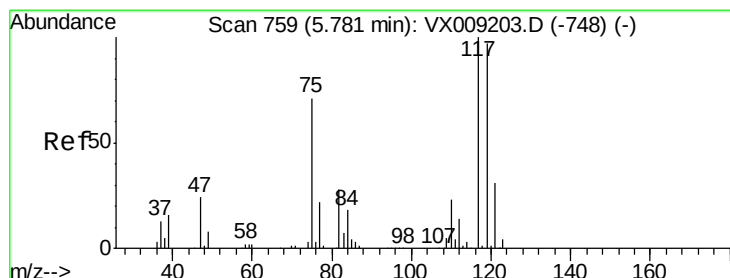
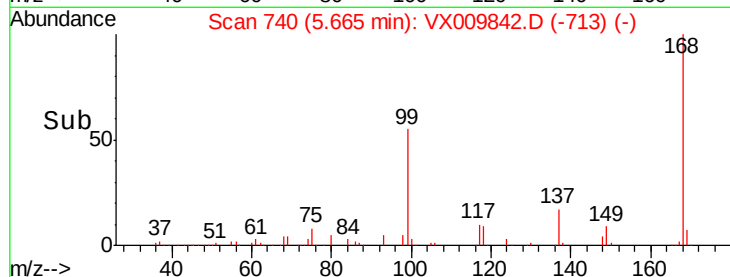
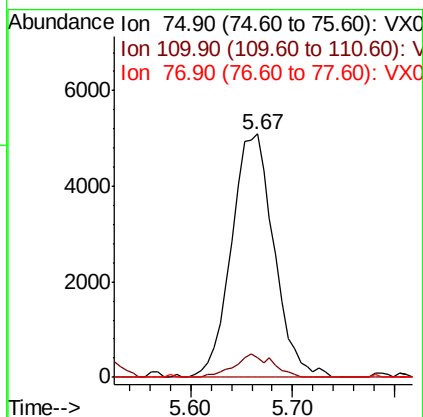
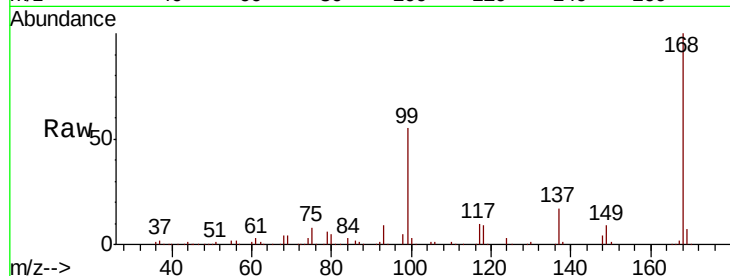




#36
 1,1-Dichloropropene
 Concen: 5.317 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX009842.D
 Acq: 23 May 2019 07:08

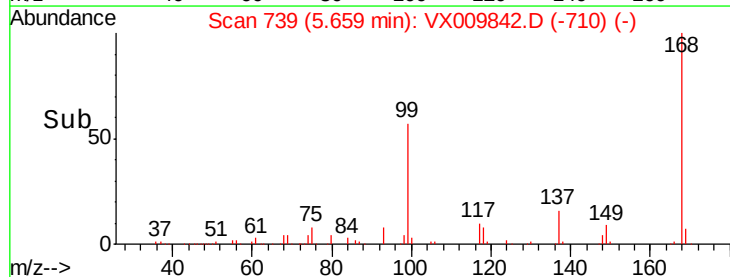
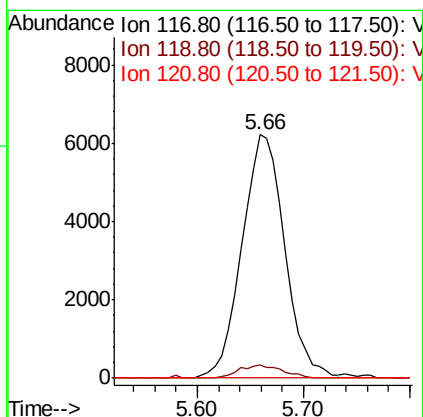
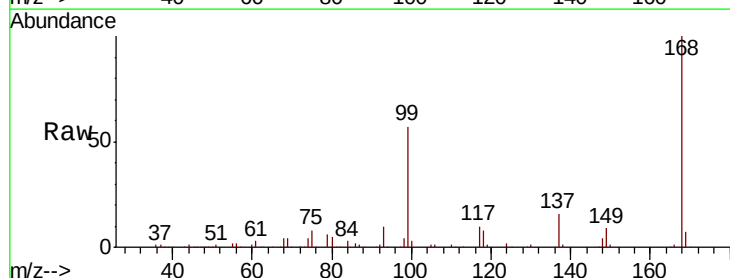
Instrument :
 MSVOA_X
 ClientSampleId :

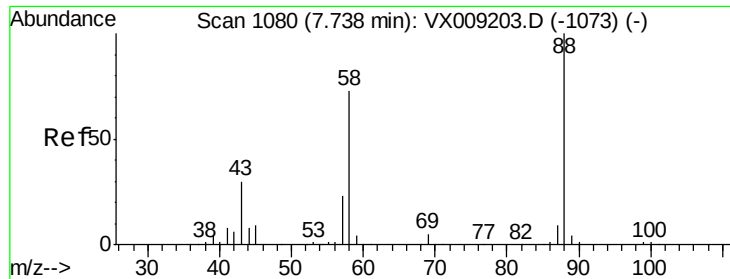
Tot Ion: 75 Resp: 14730
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.949 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX009842.D
 Acq: 23 May 2019 07:08

Tgt Ion: 117 Resp: 17492
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.5 116.3#
 121 0.0 24.7 37.1#

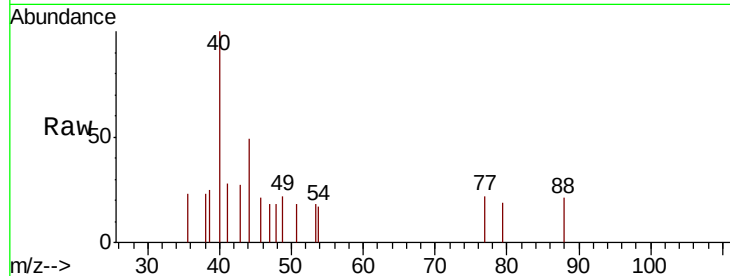




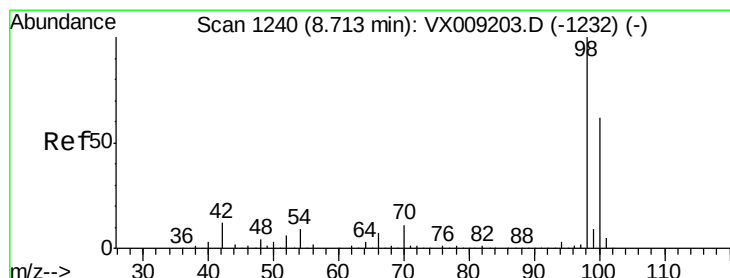
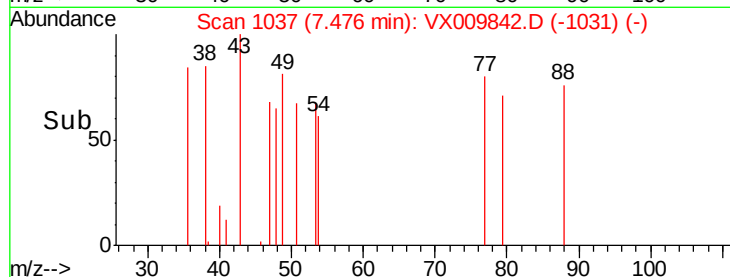
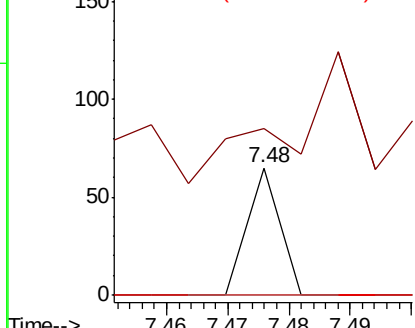
#49
1,4-Dioxane
Concen: 0.386 ug/l
RT: 7.48 min Scan# 1037
Delta R.T. -0.26 min
Lab File: VX009842.D
Acq: 23 May 2019 07:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 741.7 28.6 42.8#
58 0.0 61.7 92.5#

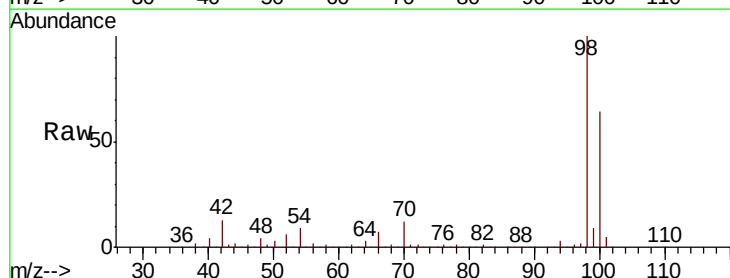


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

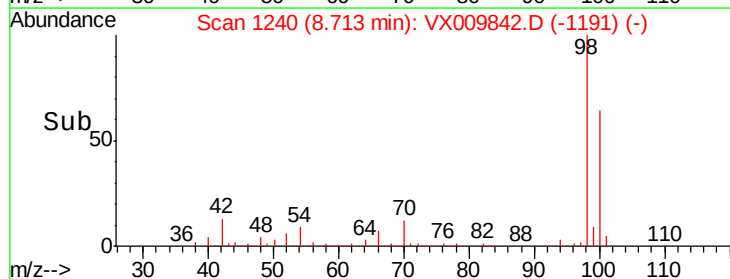
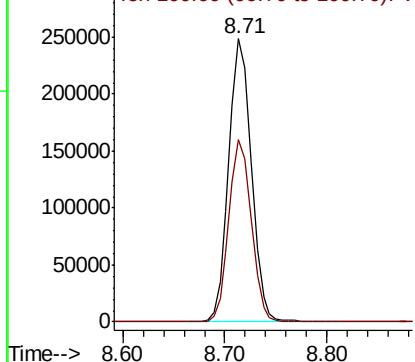


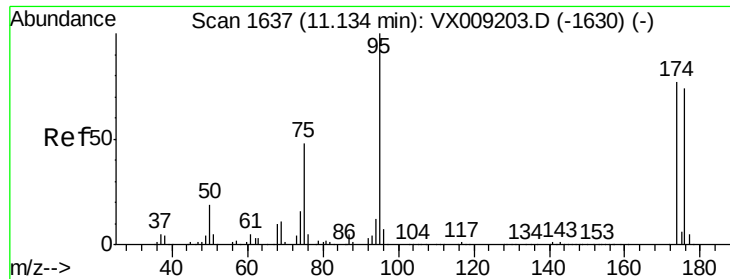
#50
Toluene-d8
Concen: 50.529 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009842.D
Acq: 23 May 2019 07:08

Tgt Ion: 98 Resp: 382321
Ion Ratio Lower Upper
98 100
100 64.2 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: 51.613 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009842.D

Acq: 23 May 2019 07:08

Instrument :

MSVOA_X

ClientSampleId :

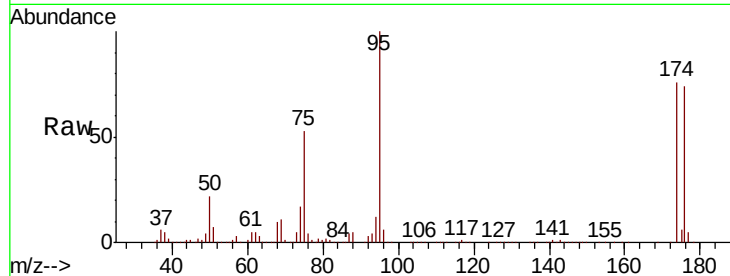
Tot Ion: 95 Resp: 141900

Ion Ratio Lower Upper

95 100

174 80.1 0.0 161.6

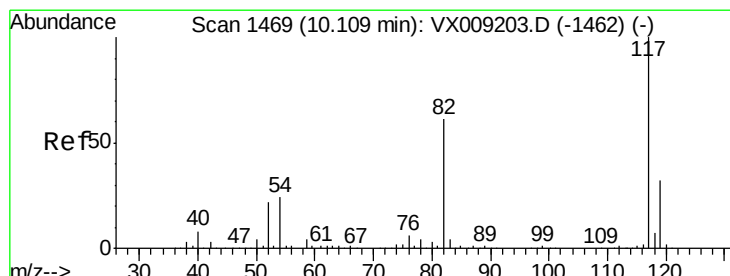
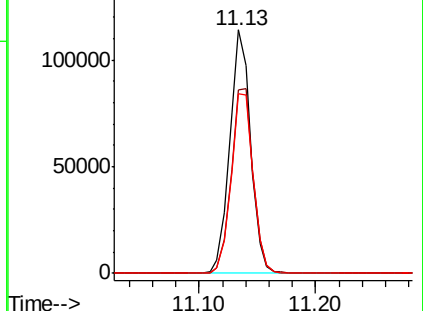
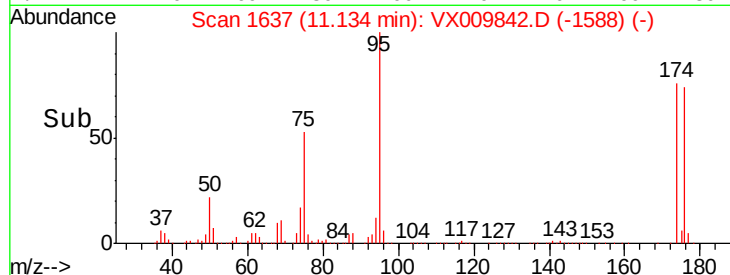
176 78.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009842.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009842.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009842.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009842.D

Acq: 23 May 2019 07:08

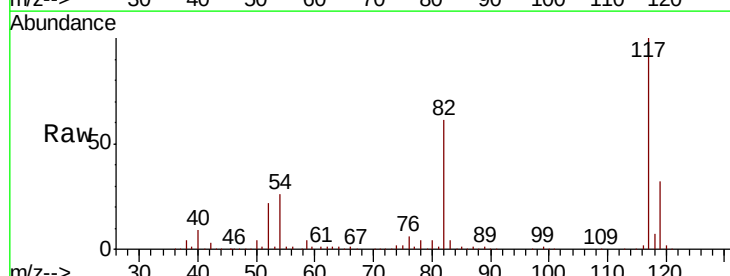
Tgt Ion: 117 Resp: 279994

Ion Ratio Lower Upper

117 100

82 60.5 48.8 73.2

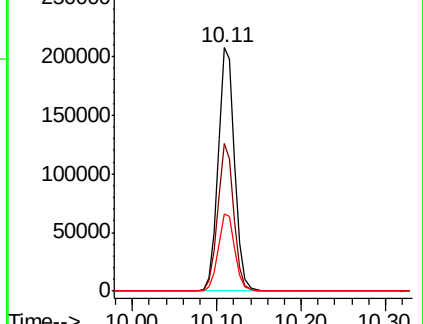
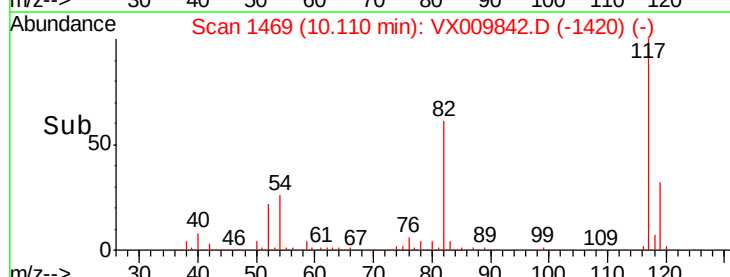
119 31.7 25.8 38.6

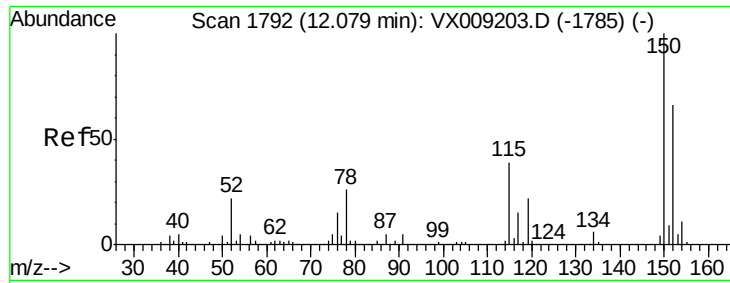


Abundance Ion 116.90 (116.60 to 117.60): VX009842.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009842.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009842.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: VX009842.D

Acq: 23 May 2019 07:08

Instrument :

MSVOA_X

ClientSampled :

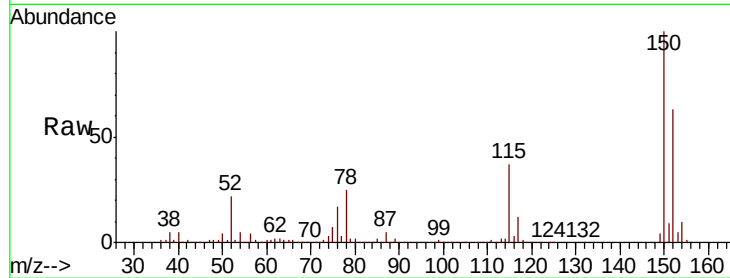
Tot Ion:152 Resp: 138504

Ion Ratio Lower Upper

152 100

115 58.9 41.2 123.6

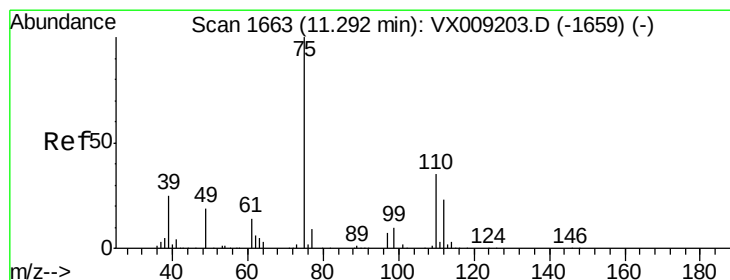
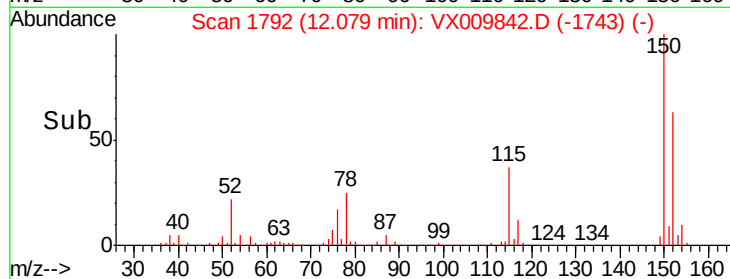
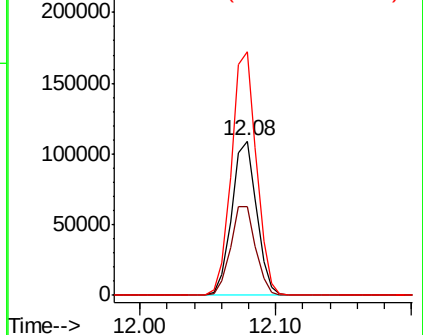
150 158.2 0.0 346.4



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: 23.121 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009842.D

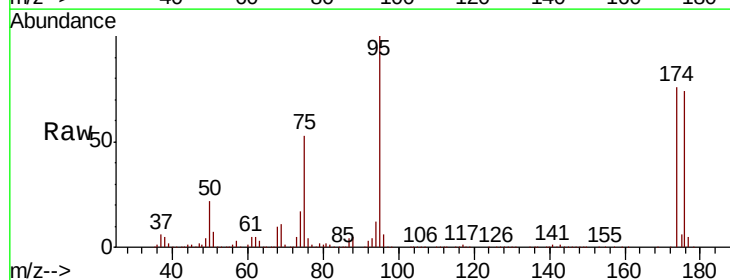
Acq: 23 May 2019 07:08

Tgt Ion: 75 Resp: 74282

Ion Ratio Lower Upper

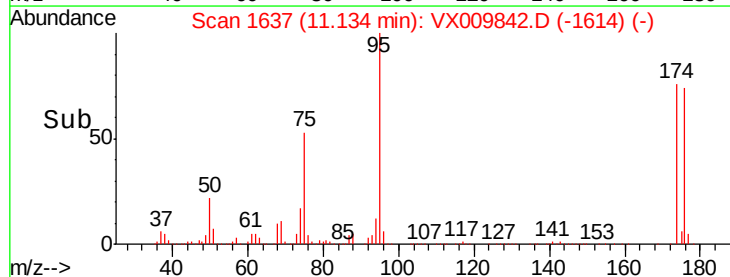
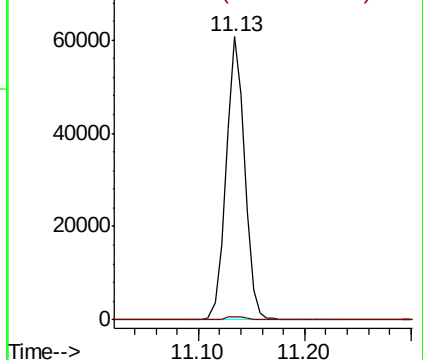
75 100

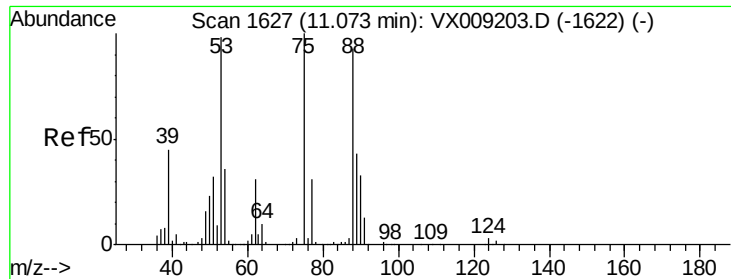
77 1.3 22.1 66.1#



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: 59.158 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009842.D

Acq: 23 May 2019 07:08

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 74282

Ion Ratio Lower Upper

75 100

53 0.4 79.0 118.6#

89 0.0 34.7 52.1#

