

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009841.D
 Acq On : 23 May 2019 06:45
 Operator : JC/SP
 Sample : K2976-22 50X
 Misc : 6.32g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 07:27:02 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	182994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141110	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	126282	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
35) Dibromofluoromethane	5.50	113	89785	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
50) Toluene-d8	8.71	98	383366	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.13	95	143111	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	

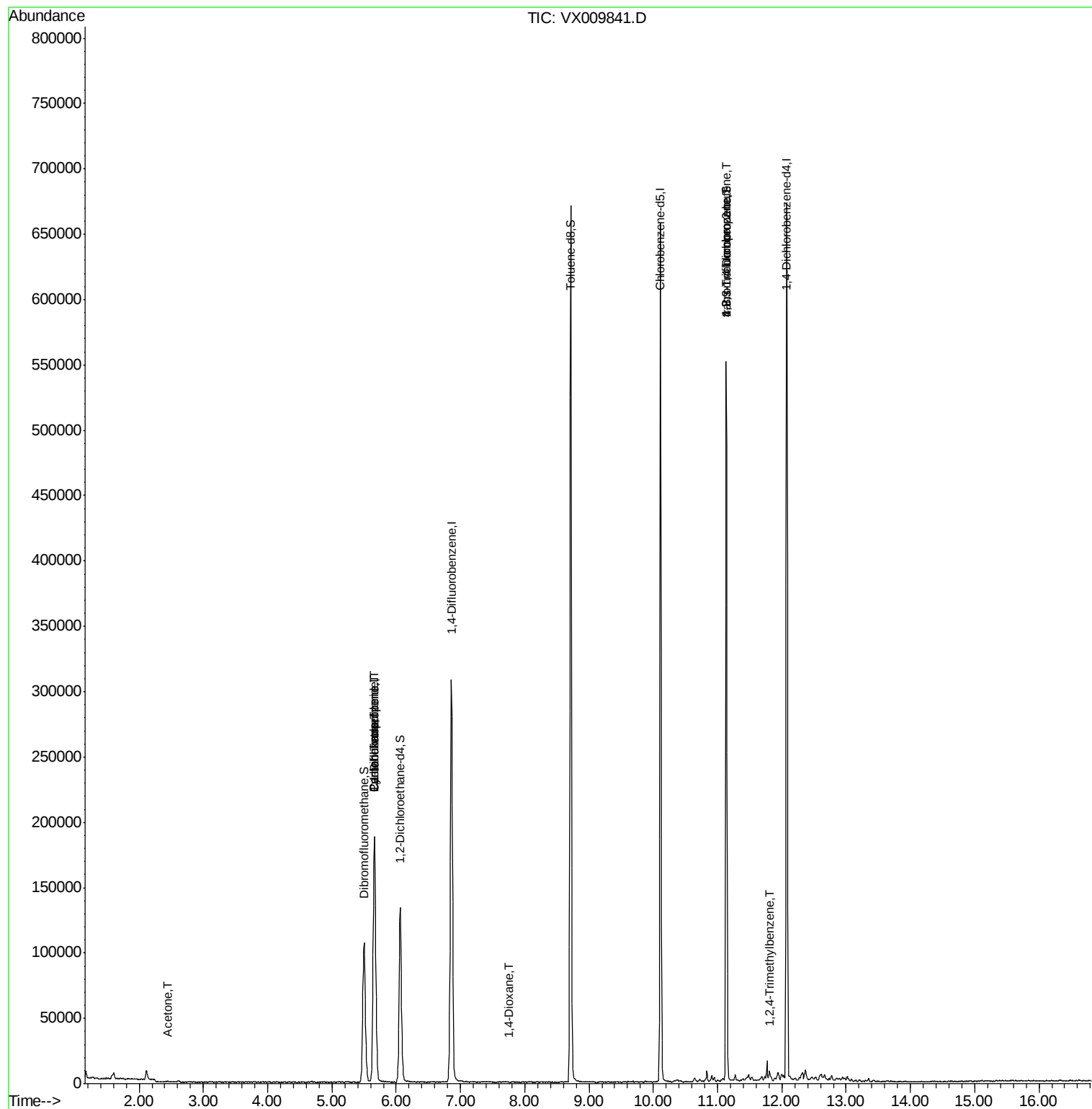
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	713	0.532	ug/l	99
28) Bromochloromethane	5.00	49	70	Below Cal	#	20
31) Cyclohexane	5.66	56	4180	1.132	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14303	5.137	ug/l #	50
38) Carbon Tetrachloride	5.67	117	17243	6.816	ug/l #	16
49) 1,4-Dioxane	7.76	88	19	0.304	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	74294	22.697	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	74294	58.074	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	2099	0.242	ug/l	98

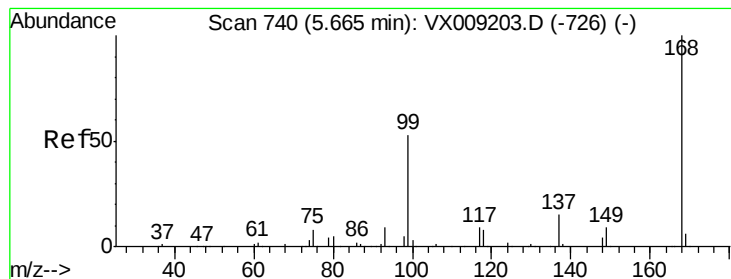
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: May 23 07:27:02 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: VX009841.D

Acq: 23 May 2019 06:45

Instrument :

MSVOA_X

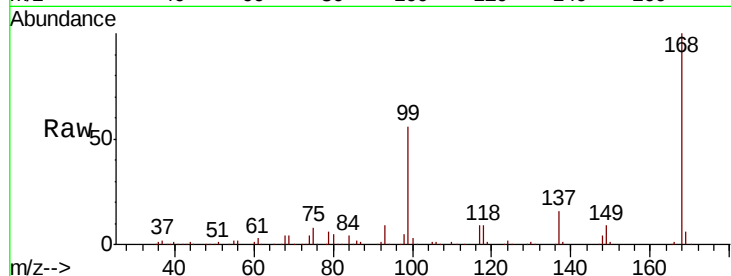
ClientSampleId :

Tot Ion:168 Resp: 182994

Ion Ratio Lower Upper

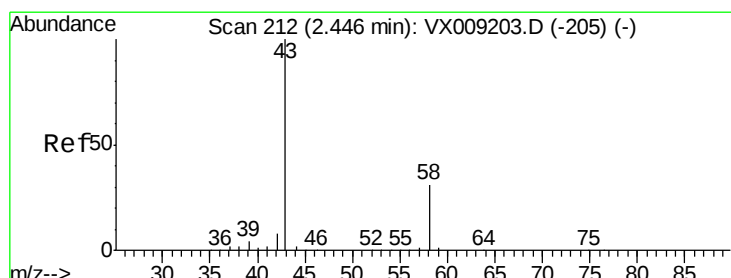
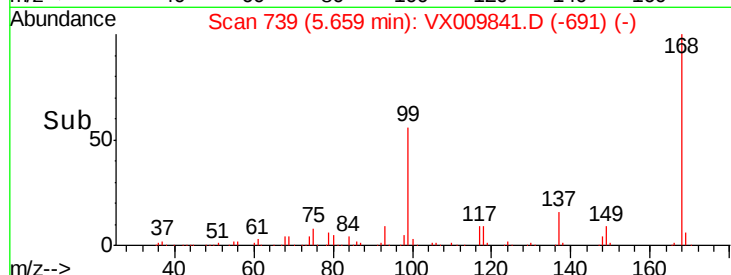
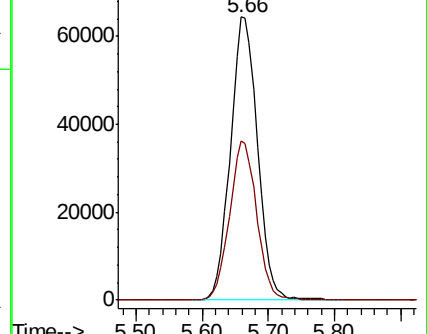
168 100

99 56.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 0.532 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009841.D

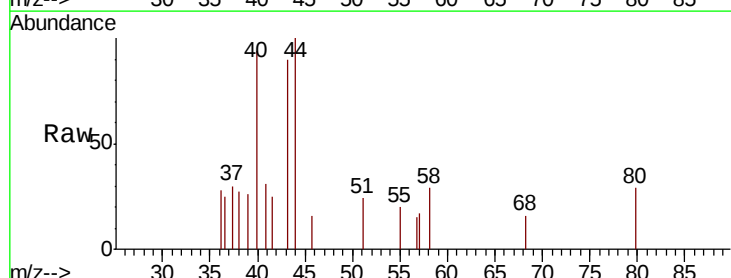
Acq: 23 May 2019 06:45

Tgt Ion: 43 Resp: 713

Ion Ratio Lower Upper

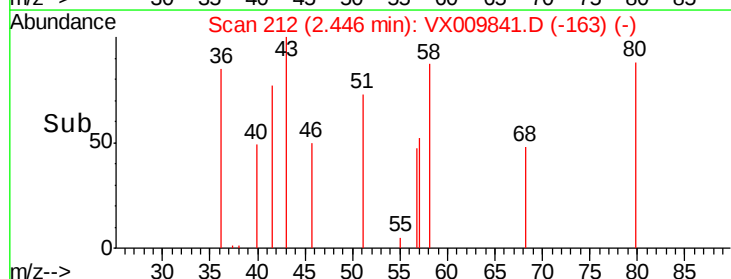
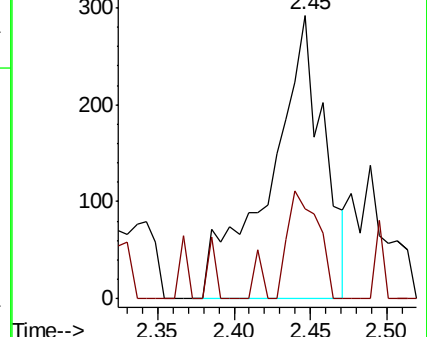
43 100

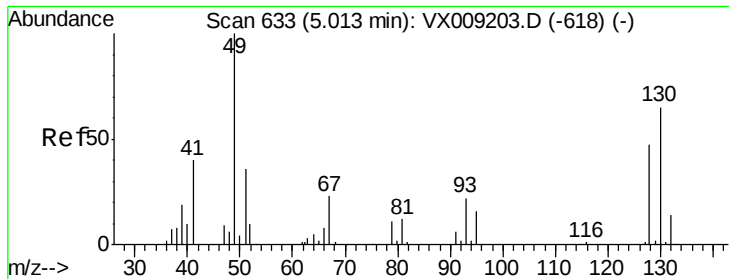
58 31.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: VX009841.D

Acq: 23 May 2019 06:45

Instrument :
MSVOA_X
ClientSampled :

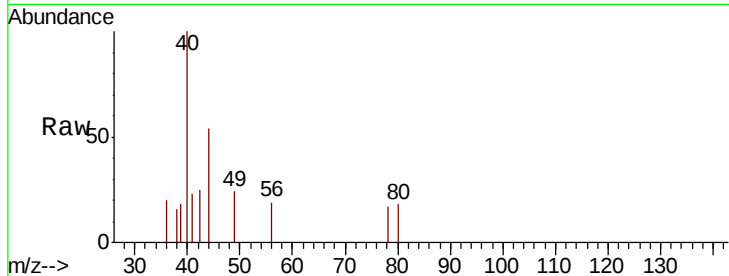
Tot Ion: 49 Resp: 70

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

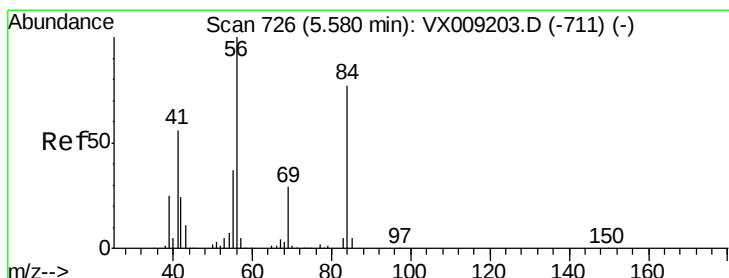
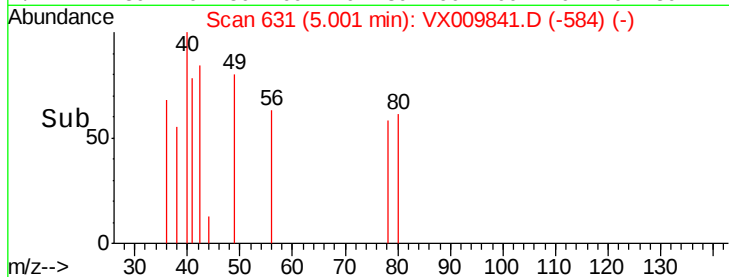
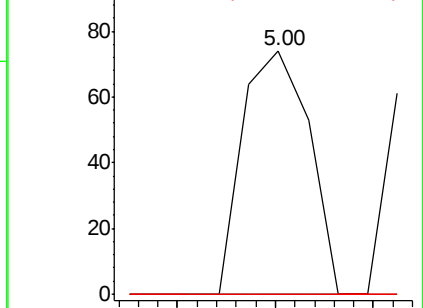
130 0.0 51.2 76.8#



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: 1.132 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX009841.D

Acq: 23 May 2019 06:45

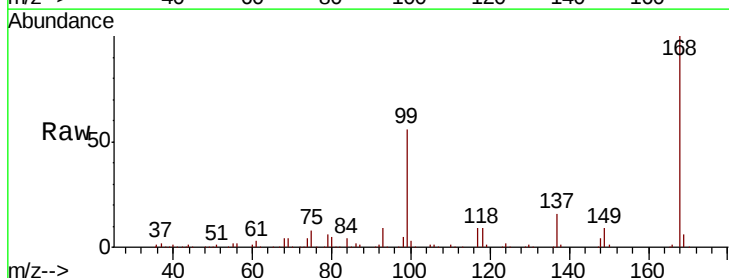
Tgt Ion: 56 Resp: 4180

Ion Ratio Lower Upper

56 100

69 151.9 23.4 35.0#

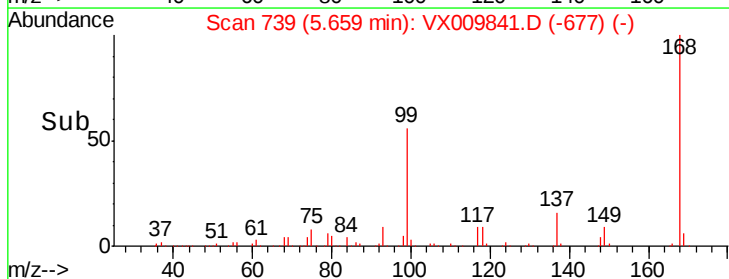
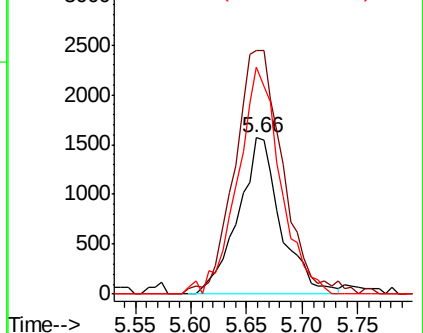
84 145.5 61.9 92.9#

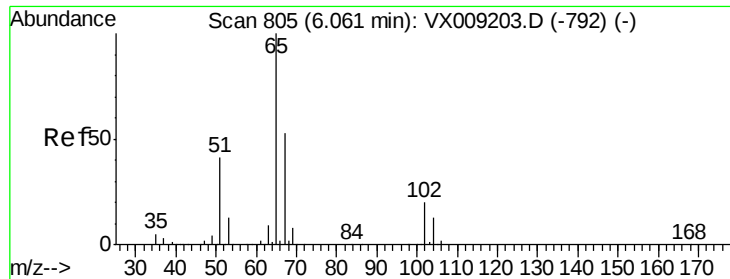


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

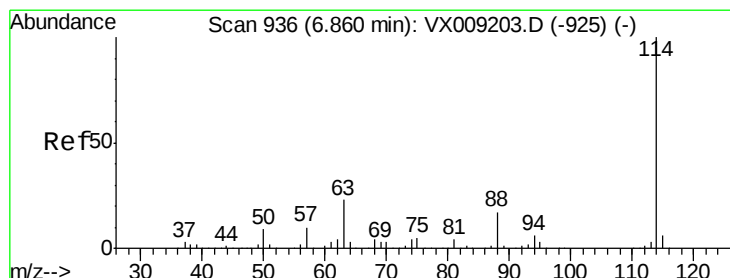
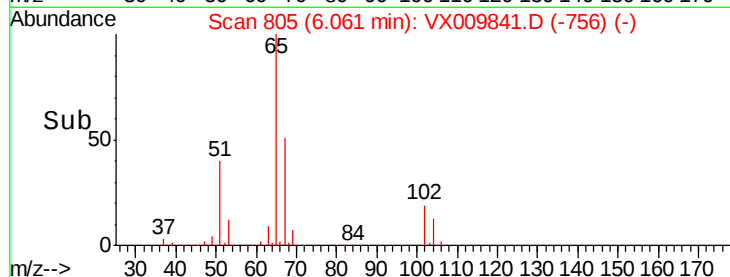
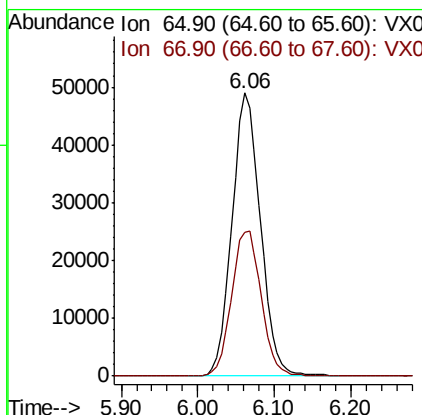
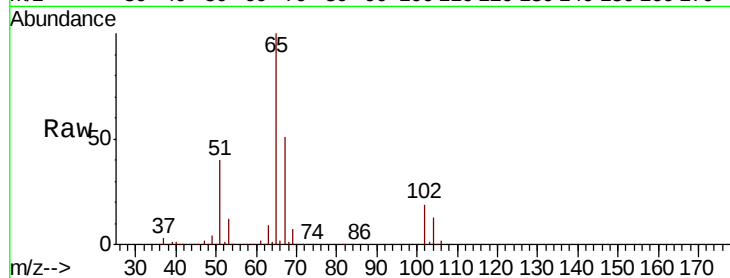




#33
 1,2-Dichloroethane-d4
 Concen: 50.552 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009841.D
 Acq: 23 May 2019 06:45

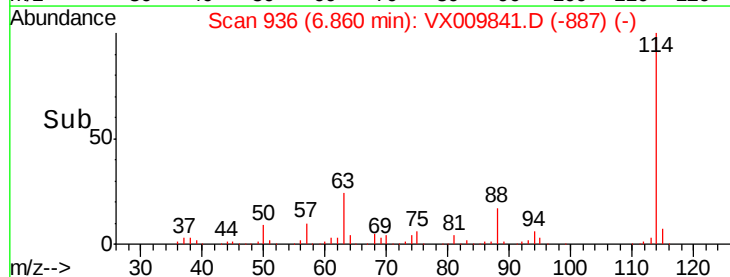
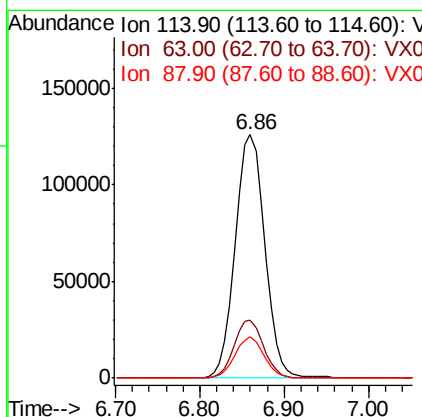
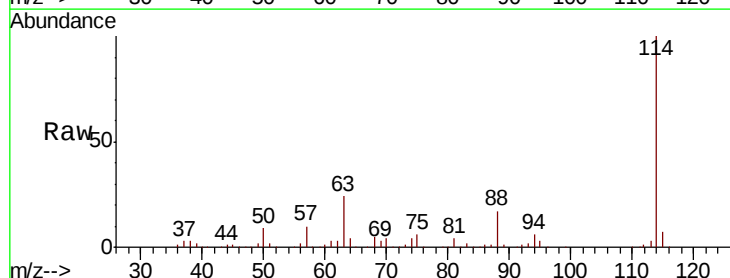
Instrument :
 MSVOA_X
 ClientSampled :

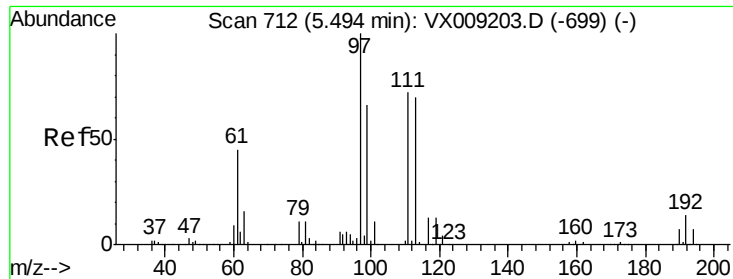
Tot Ion: 65 Resp: 126282
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009841.D
 Acq: 23 May 2019 06:45

Tgt Ion: 114 Resp: 299636
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.6
 88 16.9 0.0 33.2

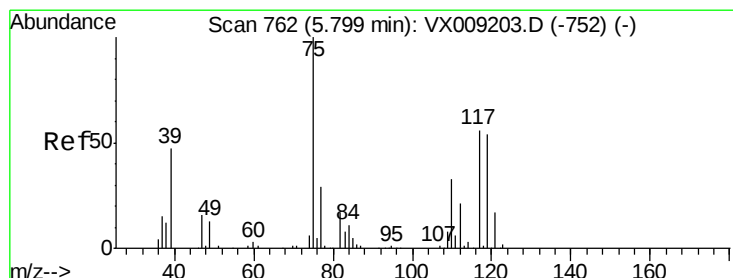
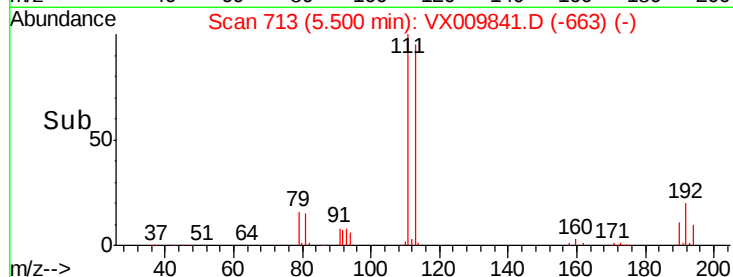
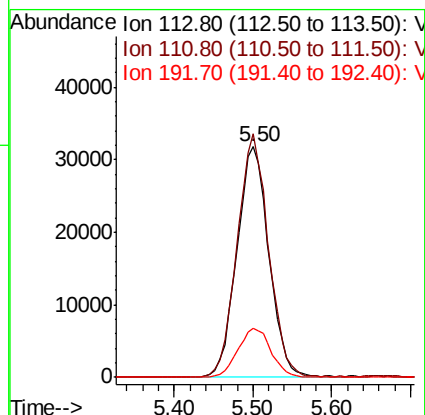
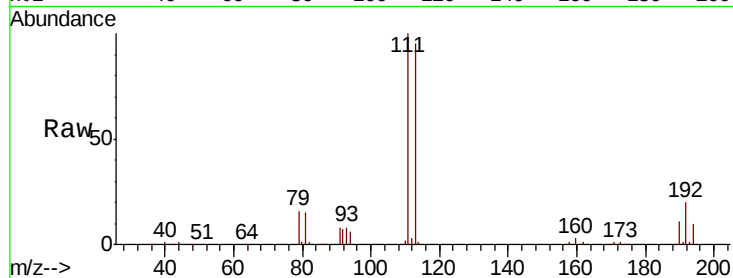




#35
 Dibromofluoromethane
 Concen: 47.666 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009841.D
 Acq: 23 May 2019 06:45

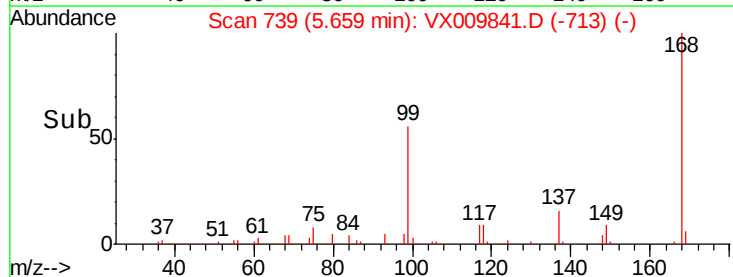
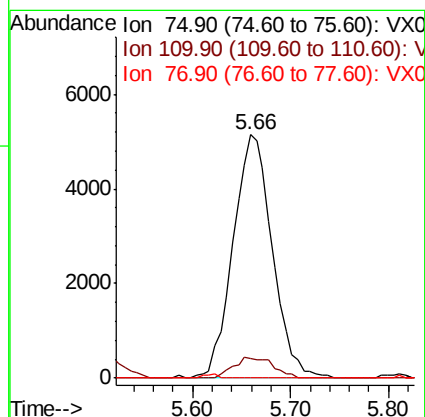
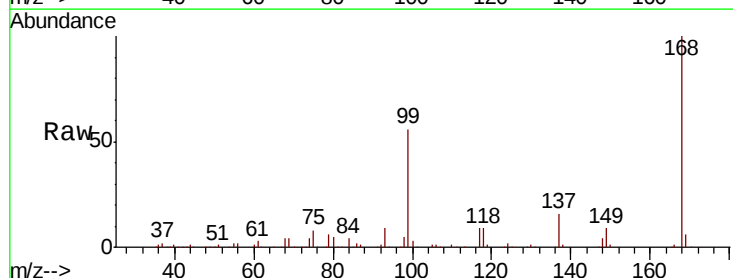
Instrument :
 MSVOA_X
 ClientSampled :

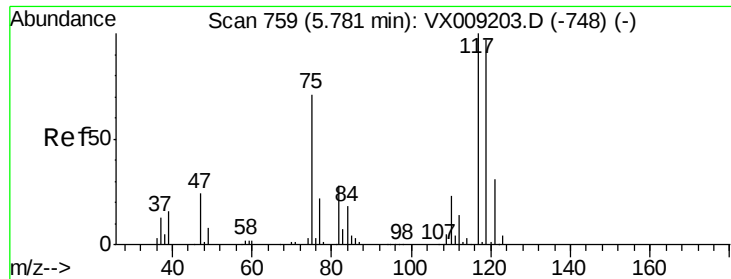
Tot Ion:113 Resp: 89785
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.8 124.2
 192 21.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.137 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009841.D
 Acq: 23 May 2019 06:45

Tgt Ion: 75 Resp: 14303
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.9 50.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.816 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009841.D

Acq: 23 May 2019 06:45

Instrument :

MSVOA_X

ClientSampleId :

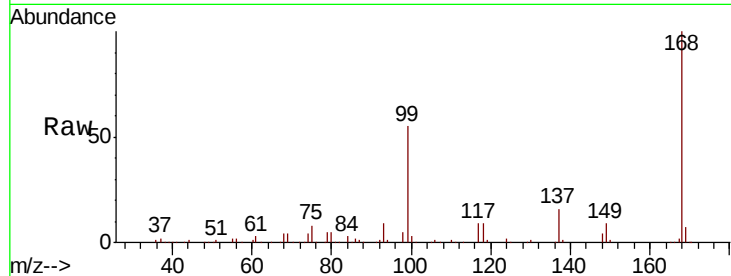
Tot Ion:117 Resp: 17243

Ion Ratio Lower Upper

117 100

119 5.9 77.5 116.3#

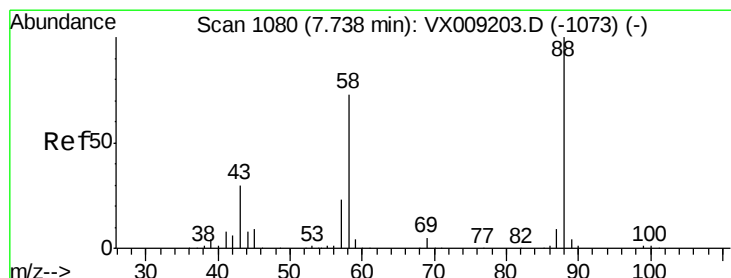
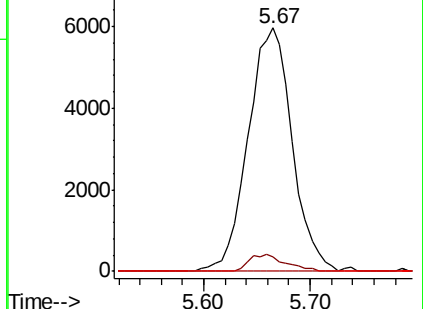
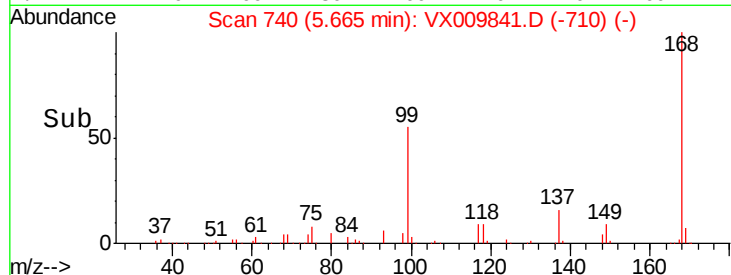
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 0.304 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VX009841.D

Acq: 23 May 2019 06:45

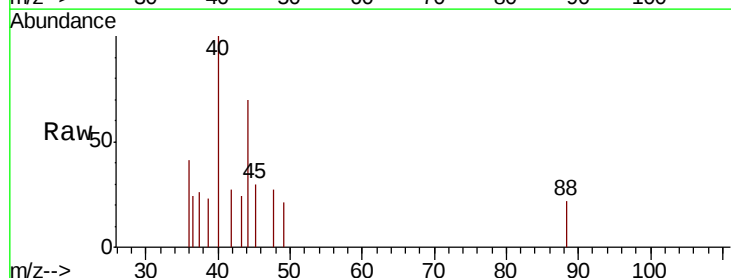
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 252.6 28.6 42.8#

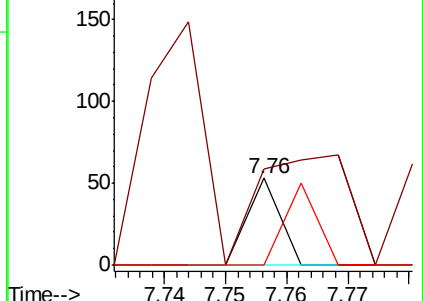
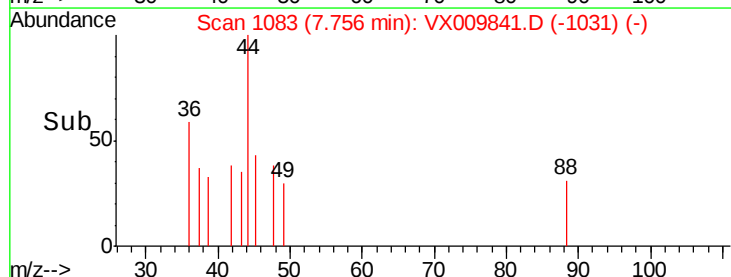
58 94.7 61.7 92.5#

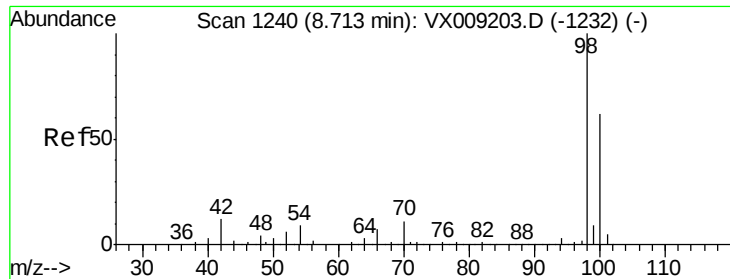


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.412 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009841.D

Acq: 23 May 2019 06:45

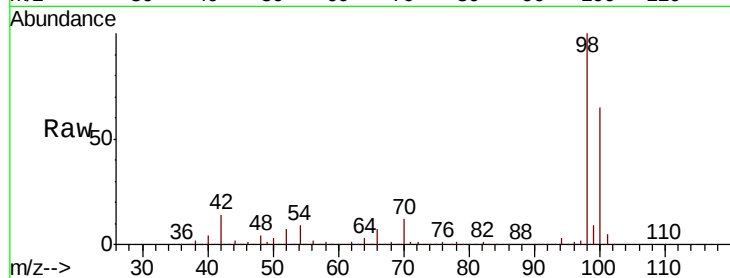
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 98 Resp: 383366

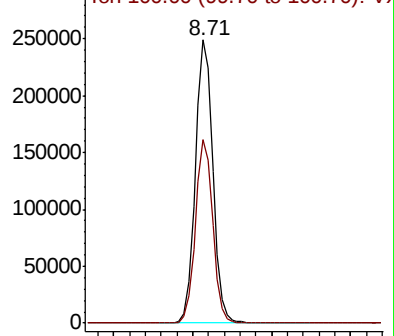
Ion Ratio Lower Upper

98 100

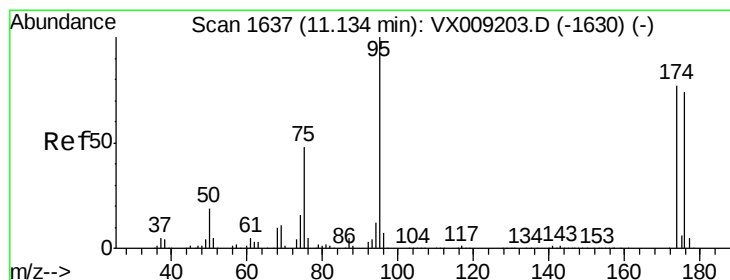
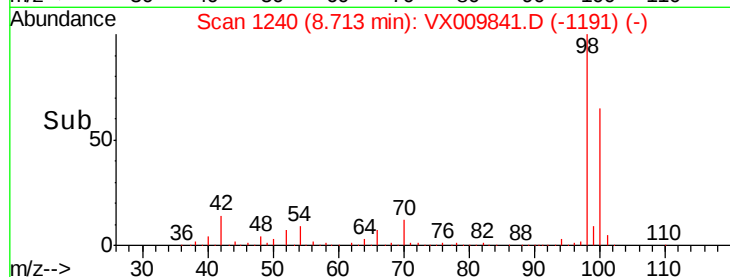
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX009203.D (-1232) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 51.791 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009841.D

Acq: 23 May 2019 06:45

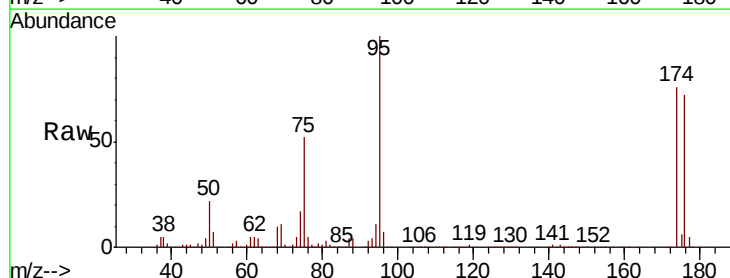
Tgt Ion: 95 Resp: 143111

Ion Ratio Lower Upper

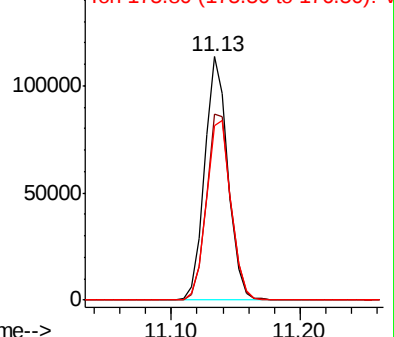
95 100

174 79.7 0.0 161.6

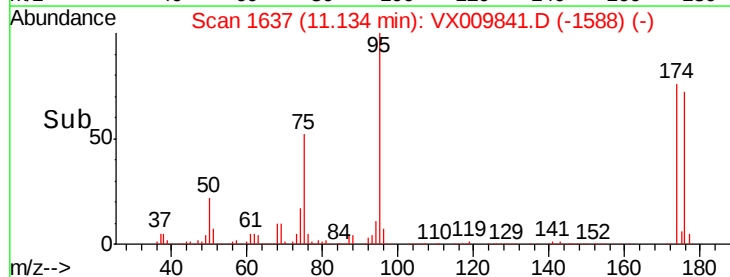
176 77.8 0.0 159.2

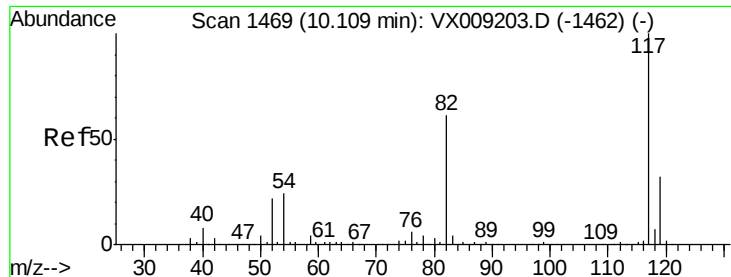


Abundance Ion 94.90 (94.60 to 95.60): VX009203.D (-1630) (-)



Time-->

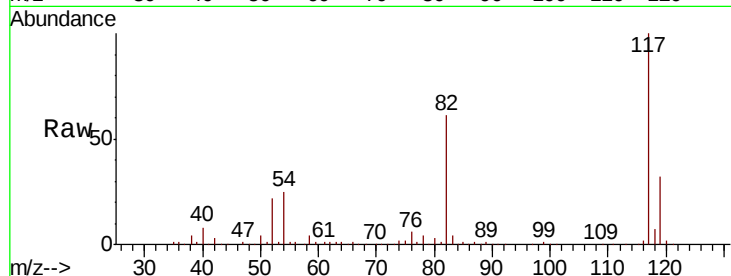




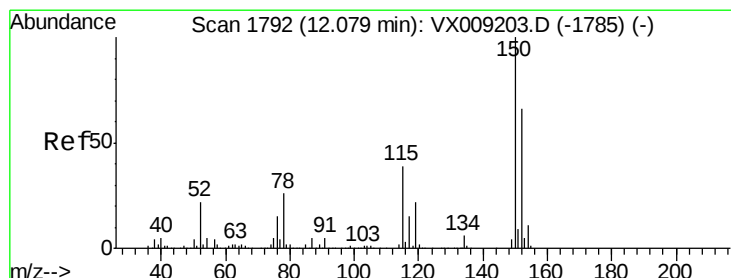
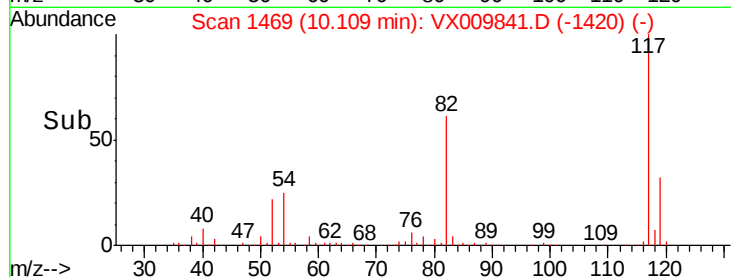
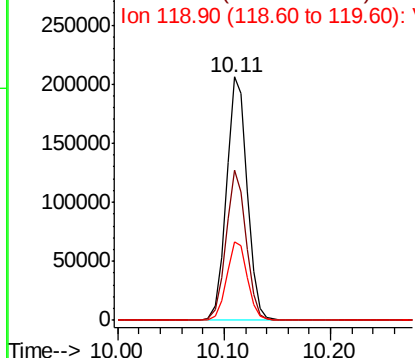
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009841.D
Acq: 23 May 2019 06:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 280499
Ion Ratio Lower Upper
117 100
82 61.4 48.8 73.2
119 32.4 25.8 38.6

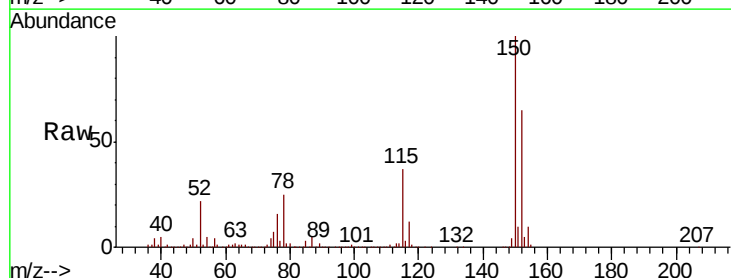


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

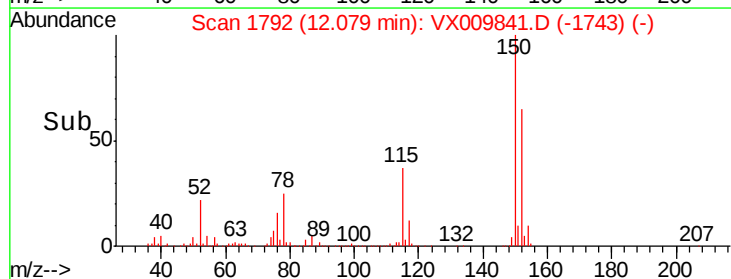
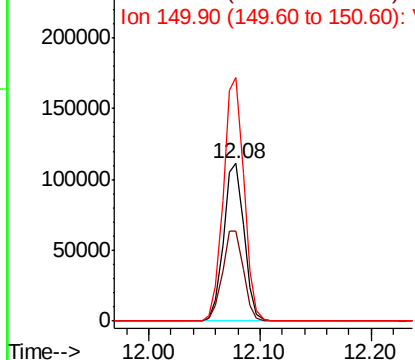


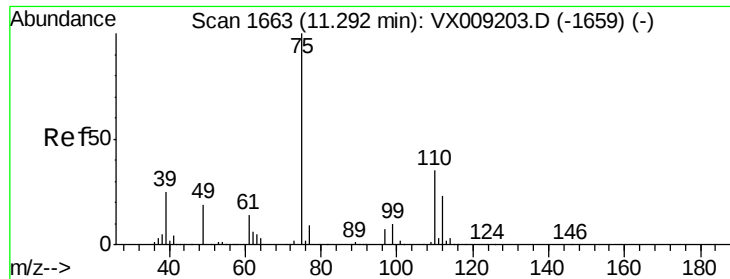
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009841.D
Acq: 23 May 2019 06:45

Tgt Ion:152 Resp: 141110
Ion Ratio Lower Upper
152 100
115 59.1 41.2 123.6
150 155.7 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: 22.697 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009841.D

Acq: 23 May 2019 06:45

Instrument :

MSVOA_X

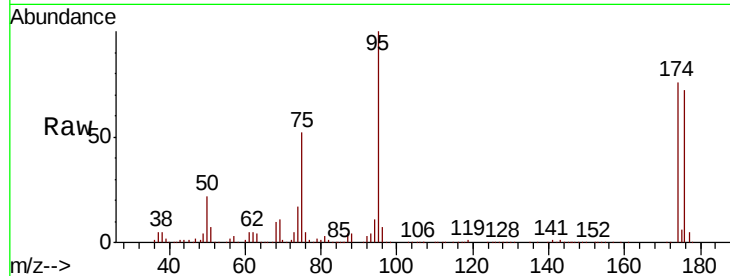
ClientSampleId :

Tot Ion: 75 Resp: 74294

Ion Ratio Lower Upper

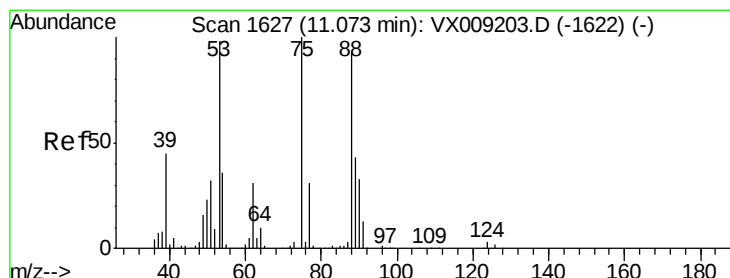
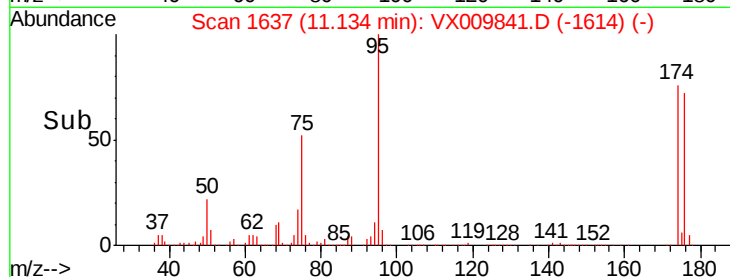
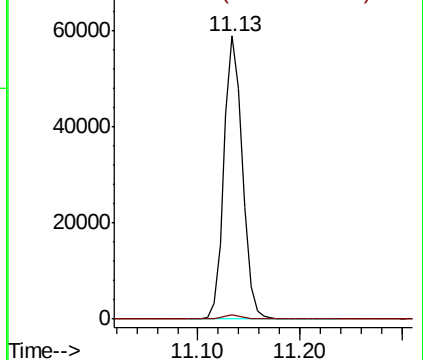
75 100

77 1.5 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: 58.074 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009841.D

Acq: 23 May 2019 06:45

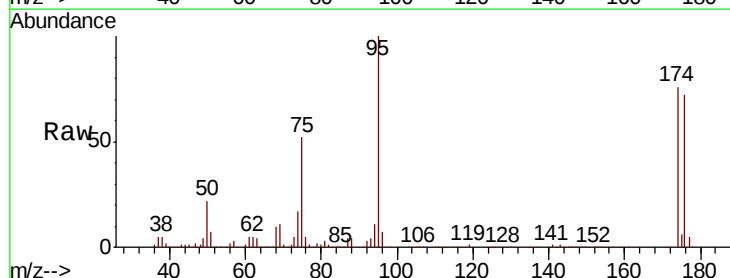
Tgt Ion: 75 Resp: 74294

Ion Ratio Lower Upper

75 100

53 0.3 79.0 118.6#

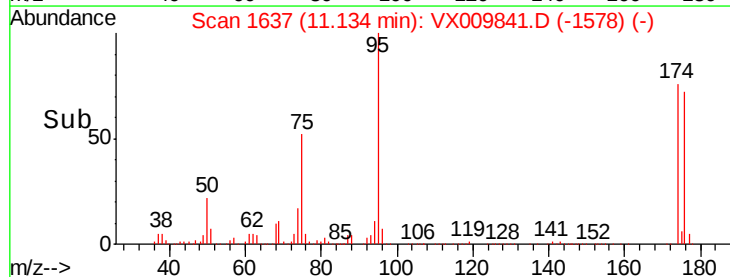
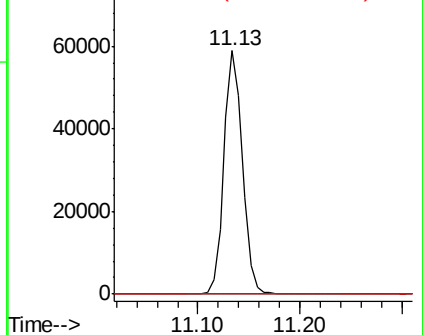
89 0.0 34.7 52.1#

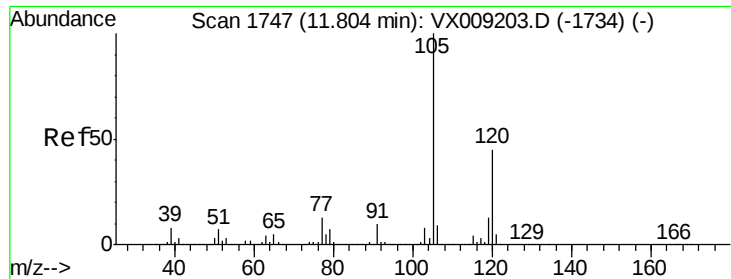


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#84
 1,2,4-Trimethylbenzene
 Concen: 0.242 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009841.D
 Acq: 23 May 2019 06:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 2099
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.0 66.0

