

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051519\
 Data File : VX009571.D
 Acq On : 15 May 2019 11:34
 Operator : JC/SP
 Sample : VX0515WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 01:08:21 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	190004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112954	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	126858	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	5.50	113	93178	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	8.71	98	384575	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.13	95	124905	44.15	ug/l	0.00
Spiked Amount			Recovery	=	88.30%	

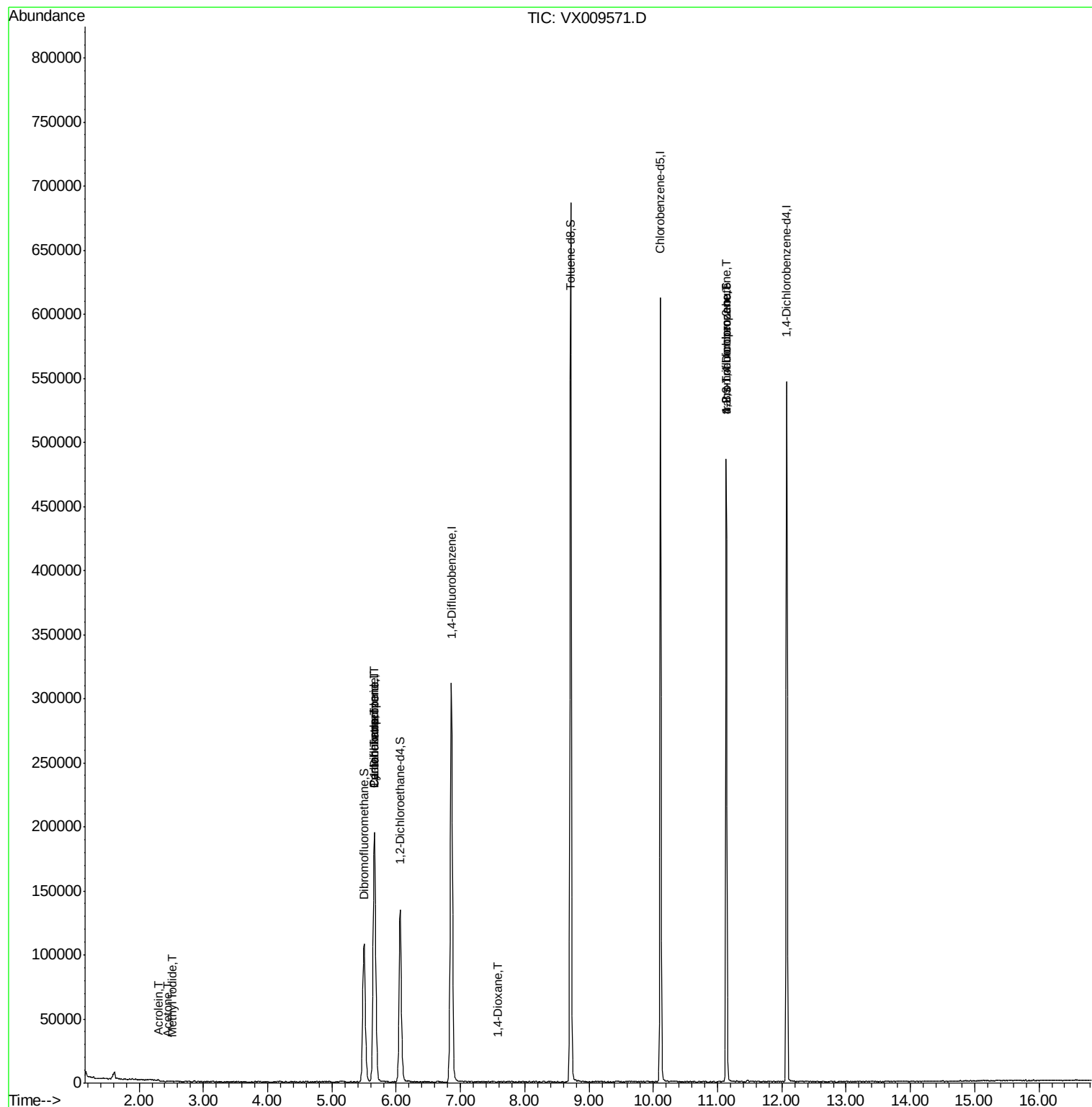
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	95	4.636	ug/l #	42
13) Acrolein	2.30	56	186	0.342	ug/l #	14
16) Acetone	2.44	43	382	0.274	ug/l #	44
28) Bromochloromethane	4.98	49	105	Below Cal	#	20
31) Cyclohexane	5.66	56	4281	1.116	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14636	5.134	ug/l #	51
38) Carbon Tetrachloride	5.67	117	18042	6.965	ug/l #	16
49) 1,4-Dioxane	7.59	88	25	0.391	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	63586	24.268	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	63586	62.094	ug/l #	10

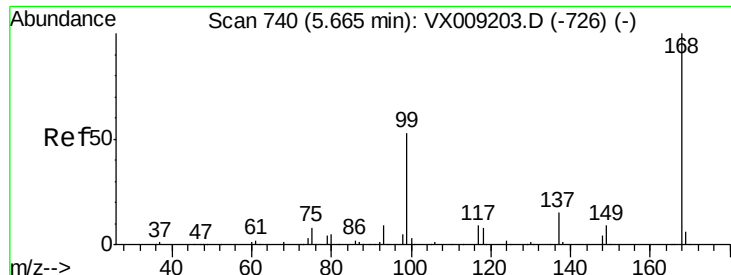
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051519\
Data File : VX009571.D
Acq On : 15 May 2019 11:34
Operator : JC/SP
Sample : VX0515WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 16 01:08:21 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

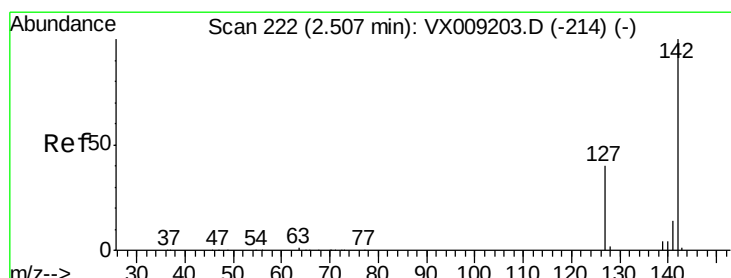
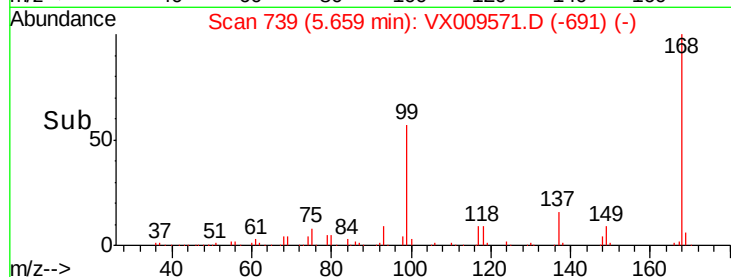
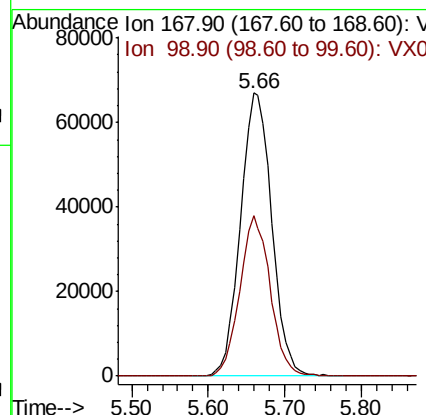
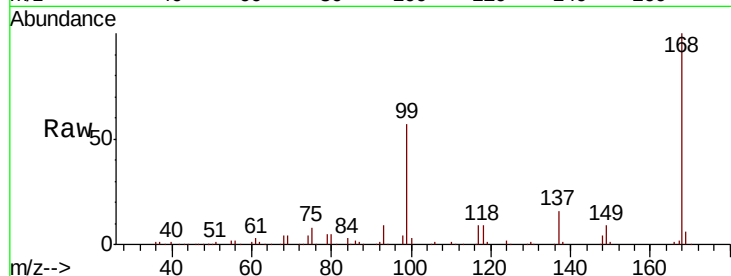




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009571.D
Acq: 15 May 2019 11:34

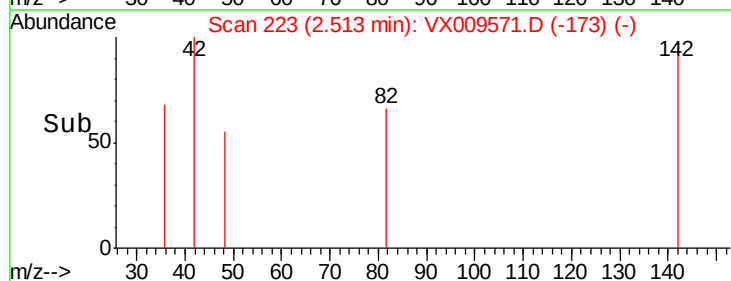
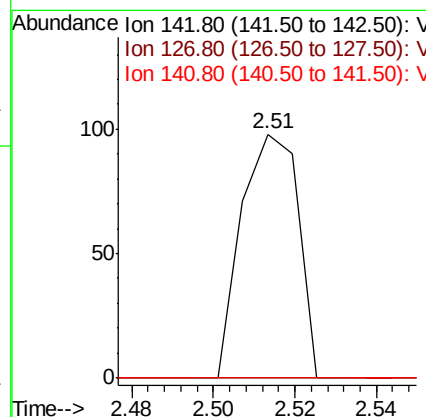
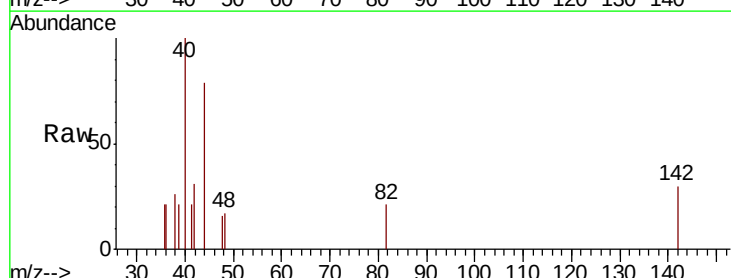
Instrument :
MSVOA_X
ClientSampleId :

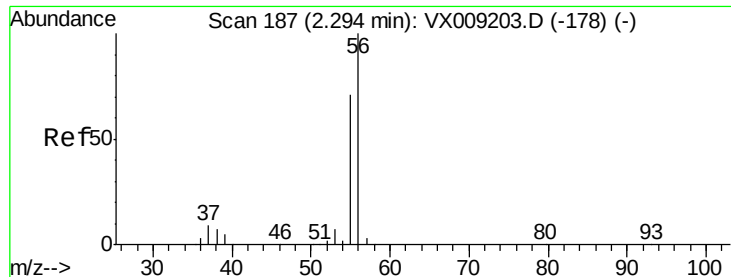
Tot Ion:168 Resp: 190004
Ion Ratio Lower Upper
168 100
99 56.8 42.3 63.5



#10
Methyl Iodide
Concen: 4.636 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009571.D
Acq: 15 May 2019 11:34

Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 0.0 11.5 17.3#





#13

Acrolein

Concen: 0.342 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX009571.D

Acq: 15 May 2019 11:34

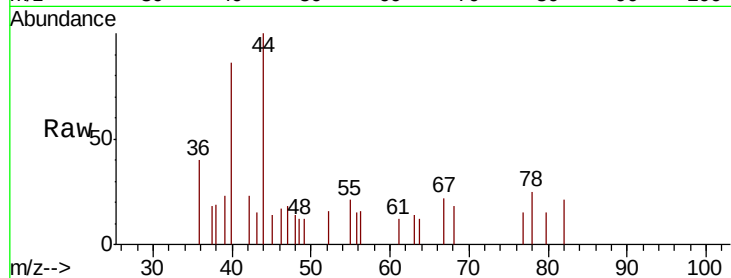
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 186

Ion Ratio Lower Upper

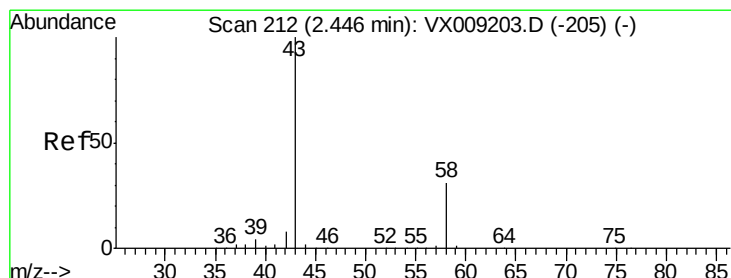
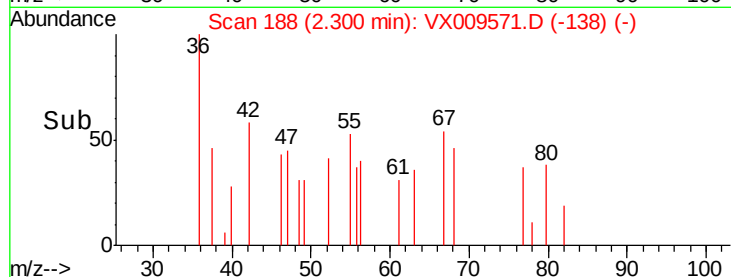
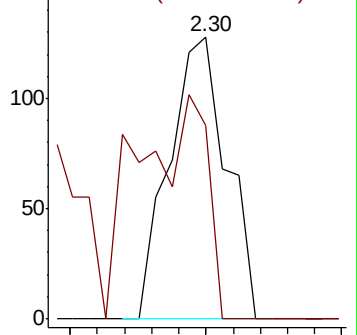
56 100

55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.274 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009571.D

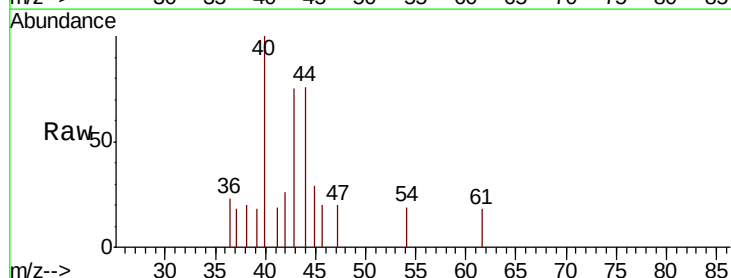
Acq: 15 May 2019 11:34

Tgt Ion: 43 Resp: 382

Ion Ratio Lower Upper

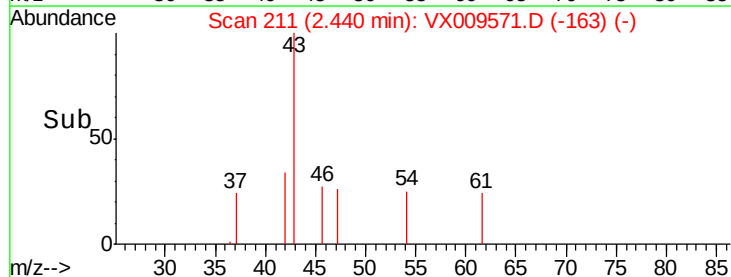
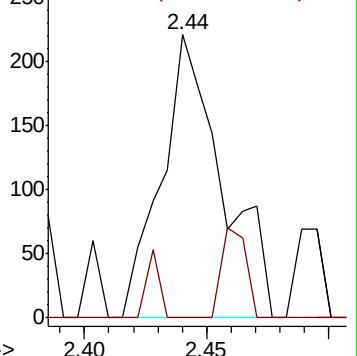
43 100

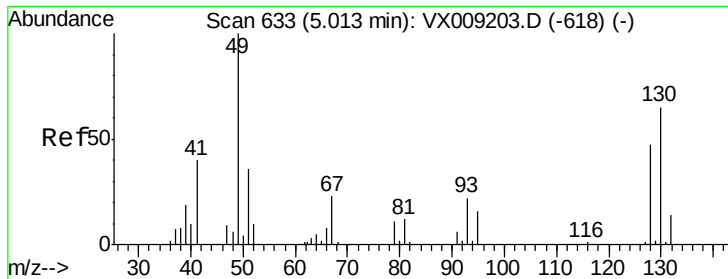
58 0.0 24.9 37.3#



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: 4.98 min Scan# 627

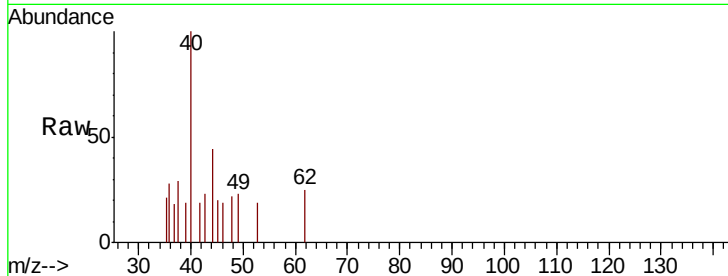
Delta R.T. -0.04 min

Lab File: VX009571.D

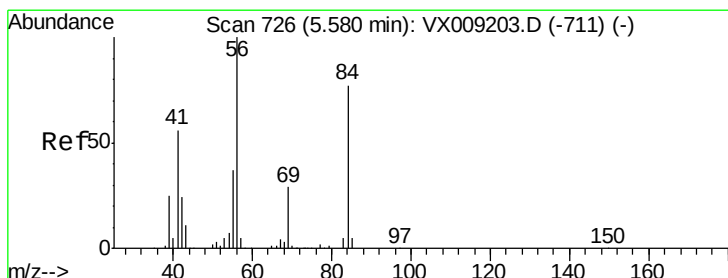
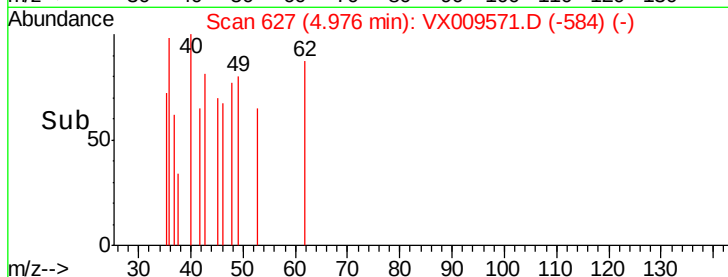
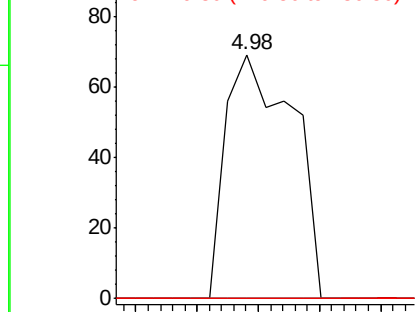
Acq: 15 May 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 49 Resp: 105
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: 1.116 ug/l

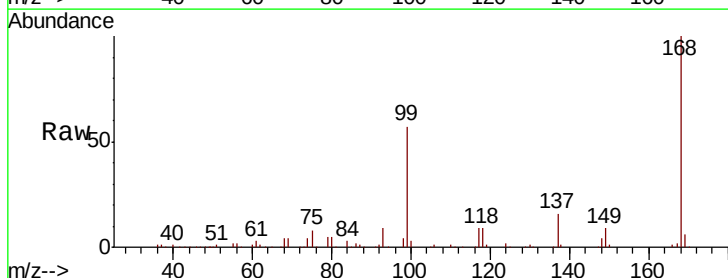
RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

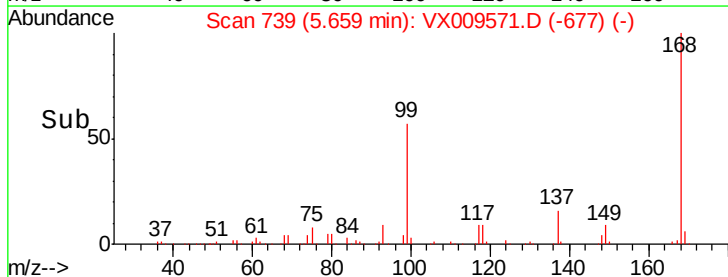
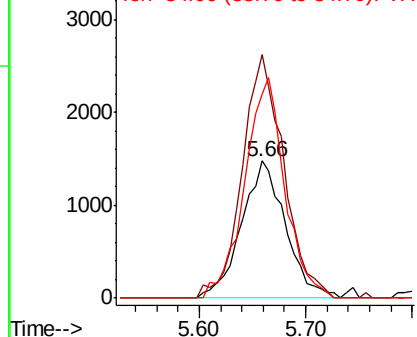
Lab File: VX009571.D

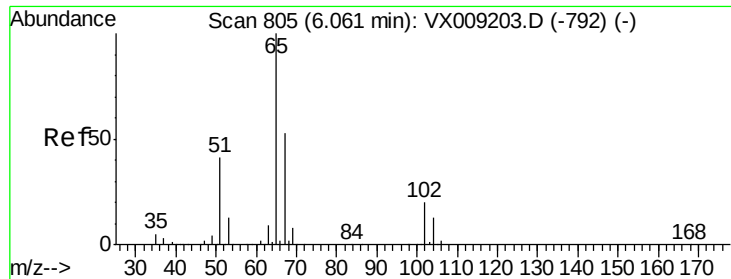
Acq: 15 May 2019 11:34

Tgt Ion: 56 Resp: 4281
Ion Ratio Lower Upper
56 100
69 177.5 23.4 35.0#
84 148.5 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

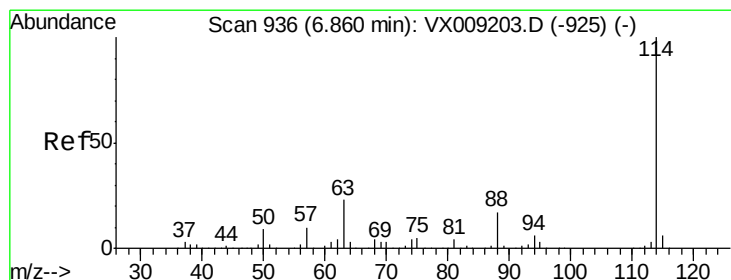
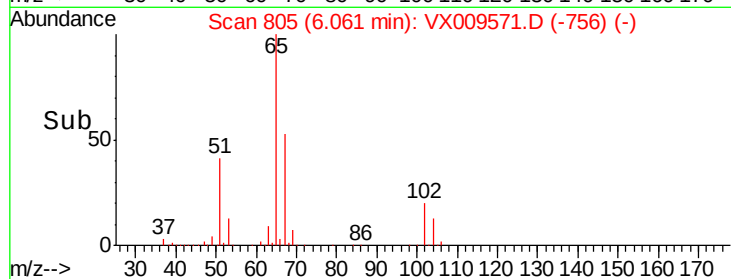
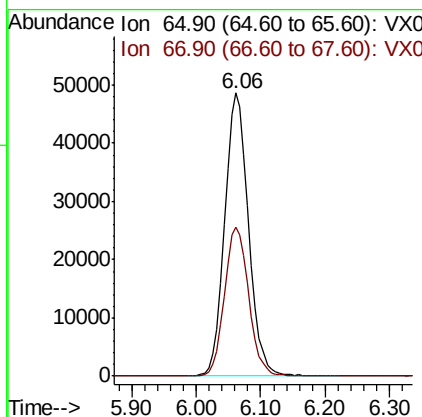
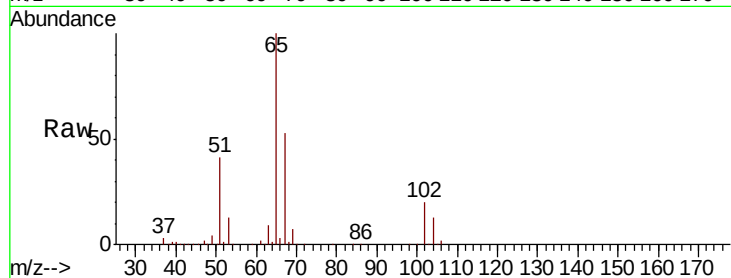




#33
 1,2-Dichloroethane-d4
 Concen: 48.909 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009571.D
 Acq: 15 May 2019 11:34

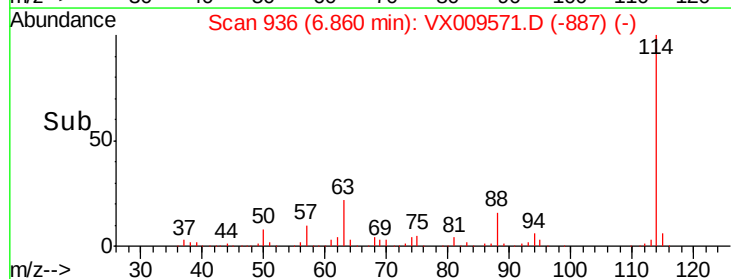
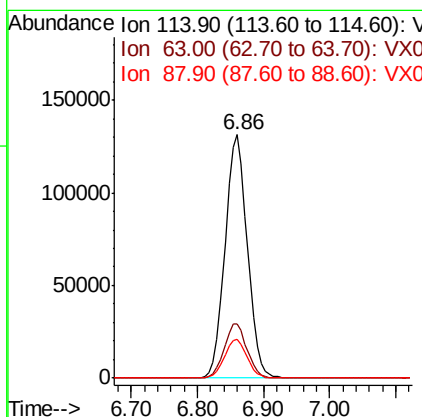
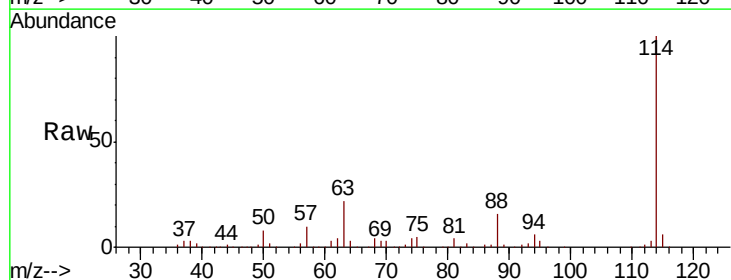
Instrument :
 MSVOA_X
 ClientSampled :

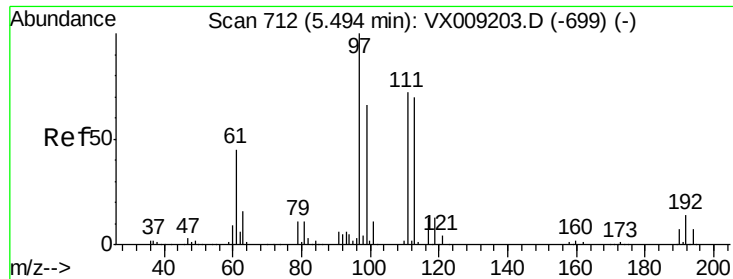
Tot Ion: 65 Resp: 126858
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009571.D
 Acq: 15 May 2019 11:34

Tgt Ion: 114 Resp: 306777
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.6
 88 15.8 0.0 33.2

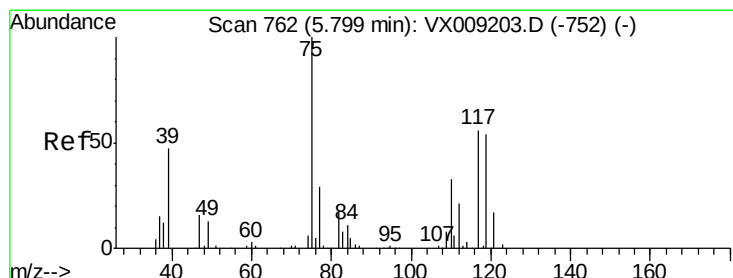
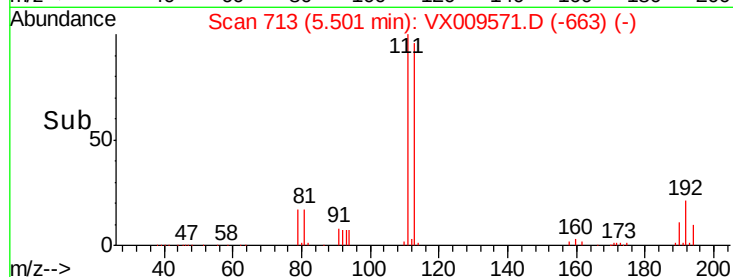
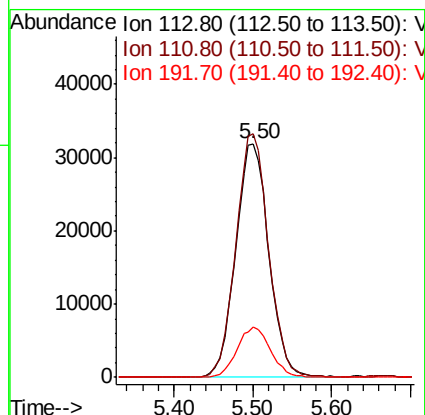
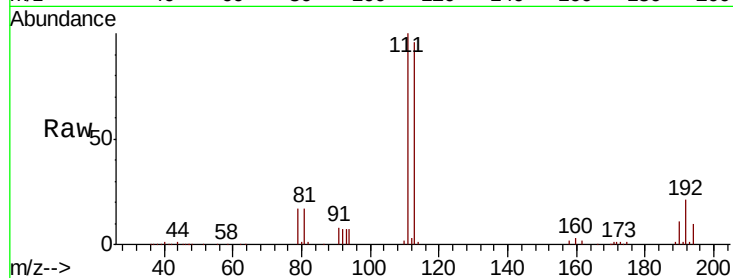




#35
 Dibromofluoromethane
 Concen: 48.316 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009571.D
 Acq: 15 May 2019 11:34

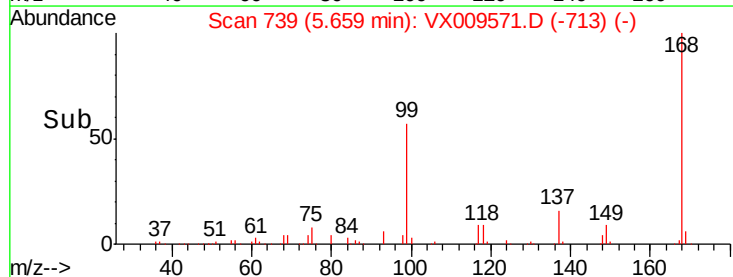
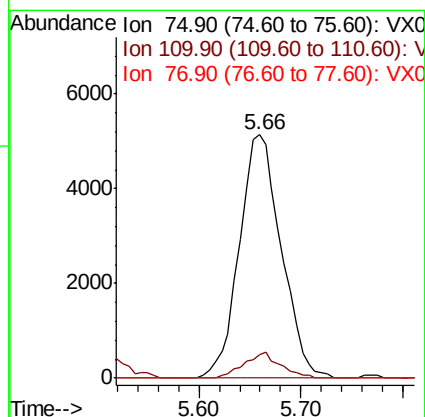
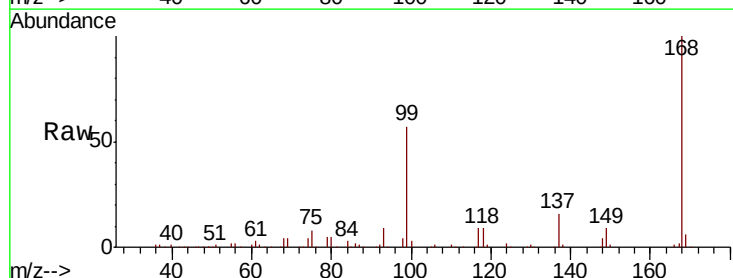
Instrument :
 MSVOA_X
 ClientSampleId :

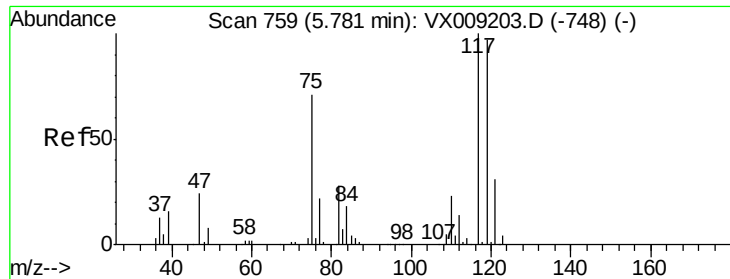
Tot Ion:113 Resp: 93178
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.8 124.2
 192 21.7 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.134 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009571.D
 Acq: 15 May 2019 11:34

Tgt Ion: 75 Resp: 14636
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.9 50.6#
 77 0.0 24.8 37.2#

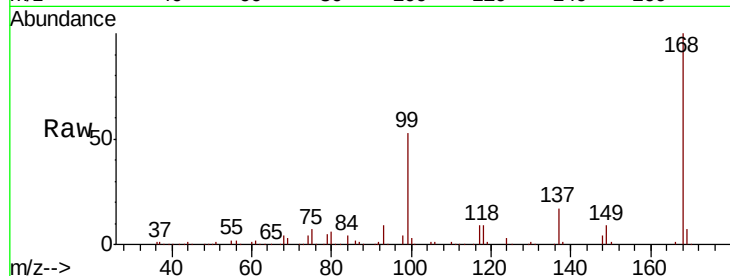




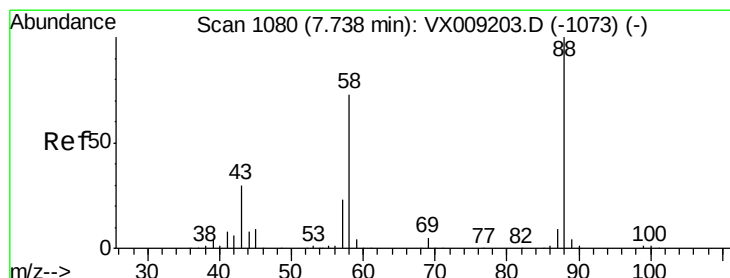
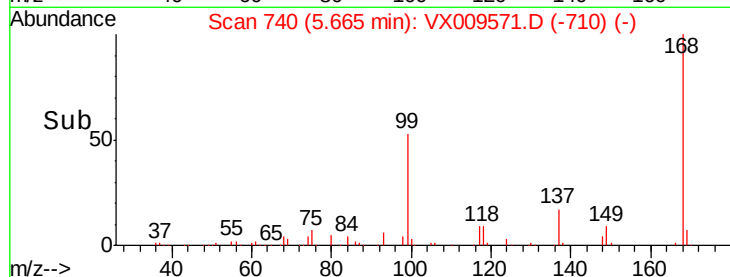
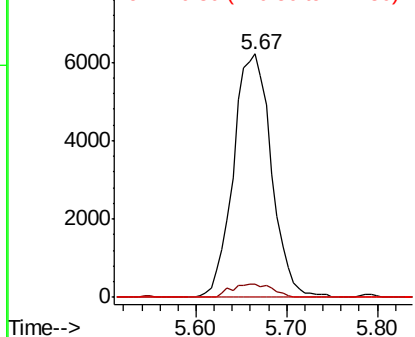
#38
Carbon Tetrachloride
Concen: 6.965 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009571.D
Acq: 15 May 2019 11:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 18042
Ion Ratio Lower Upper
117 100
119 5.6 77.5 116.3#
121 0.0 24.7 37.1#

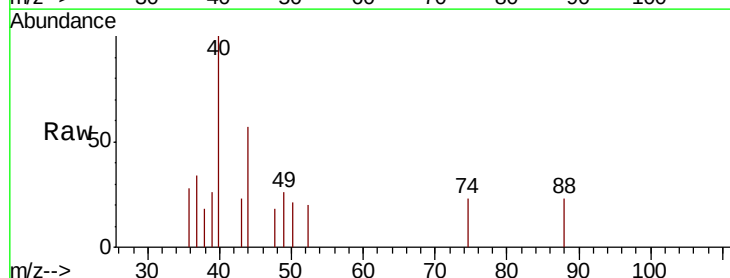


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

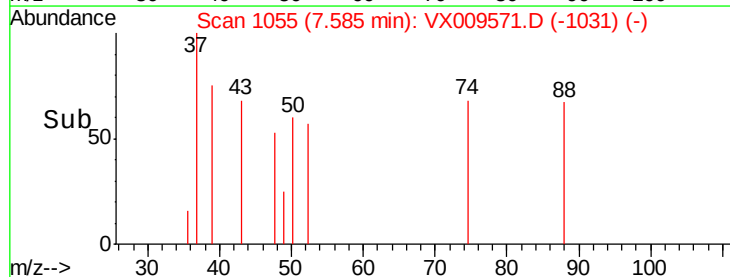
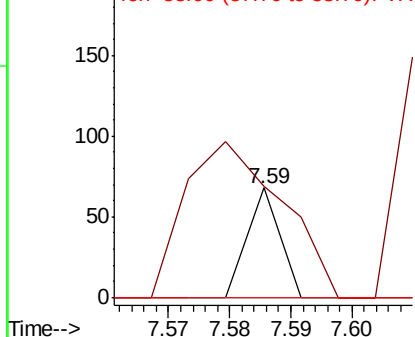


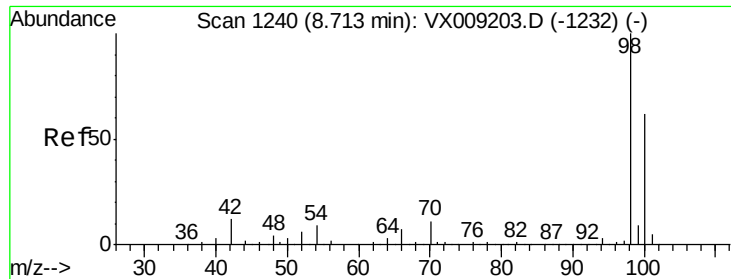
#49
1,4-Dioxane
Concen: 0.391 ug/l
RT: 7.59 min Scan# 1055
Delta R.T. -0.15 min
Lab File: VX009571.D
Acq: 15 May 2019 11:34

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 424.0 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

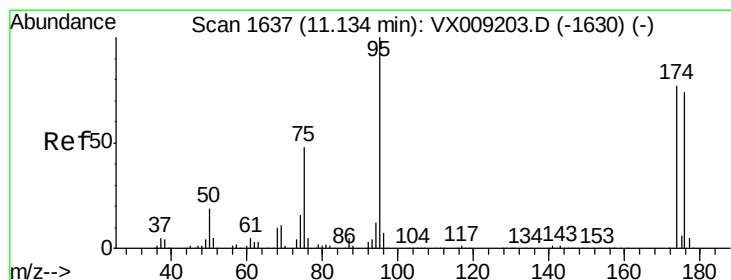
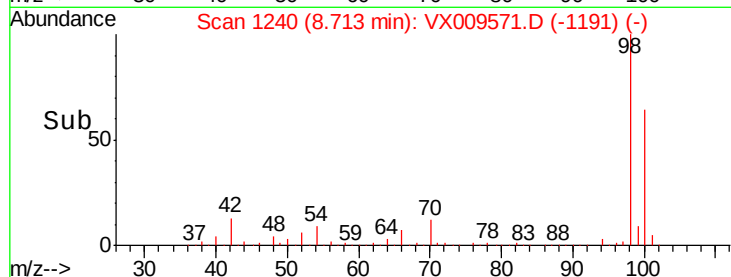
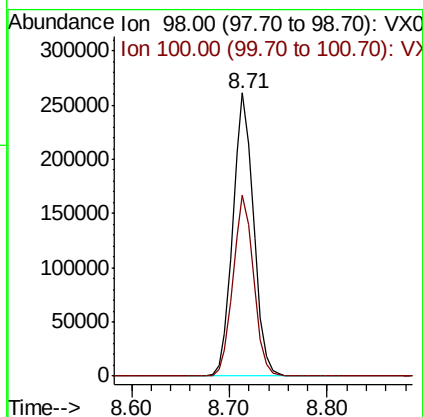
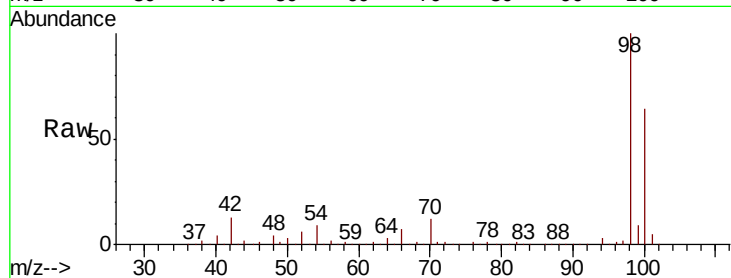




#50
Toluene-d8
Concen: 49.394 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009571.D
Acq: 15 May 2019 11:34

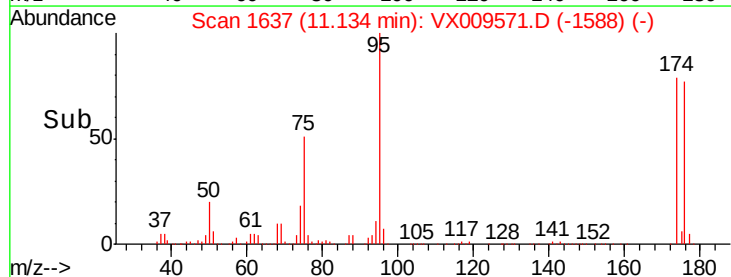
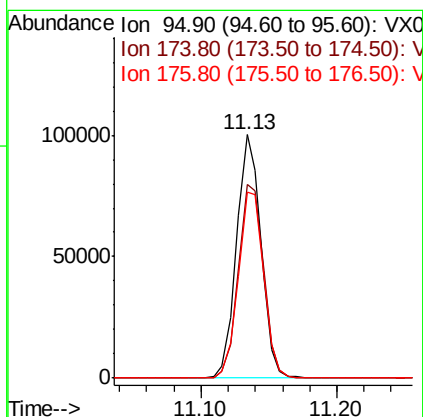
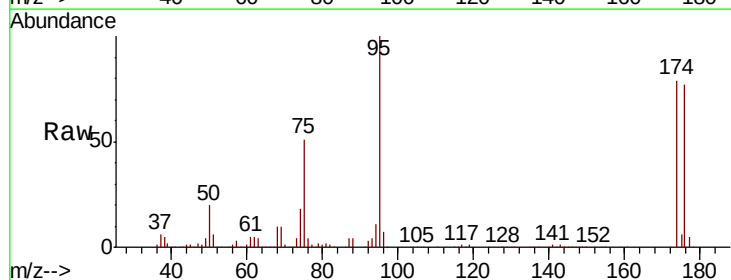
Instrument :
MSVOA_X
ClientSampleId :

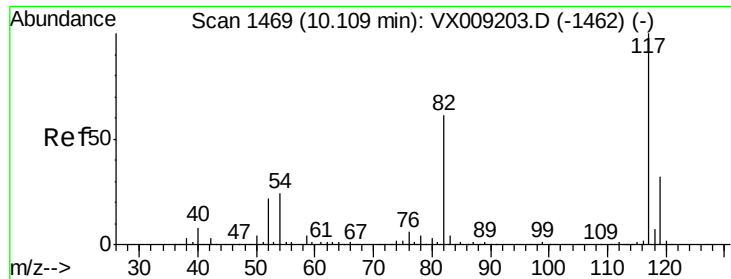
Tot Ion: 98 Resp: 384575
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.150 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009571.D
Acq: 15 May 2019 11:34

Tgt Ion: 95 Resp: 124905
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.6
176 79.9 0.0 159.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009571.D

Acq: 15 May 2019 11:34

Instrument :

MSVOA_X

ClientSampled :

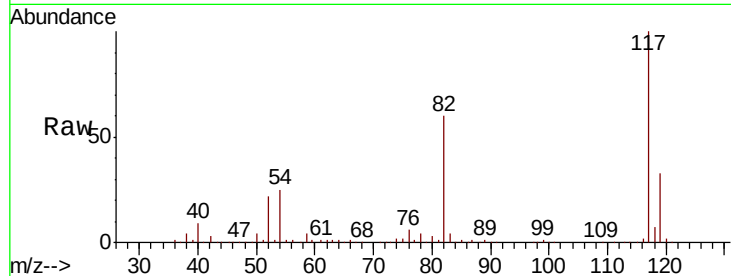
Tot Ion:117 Resp: 265630

Ion Ratio Lower Upper

117 100

82 60.2 48.8 73.2

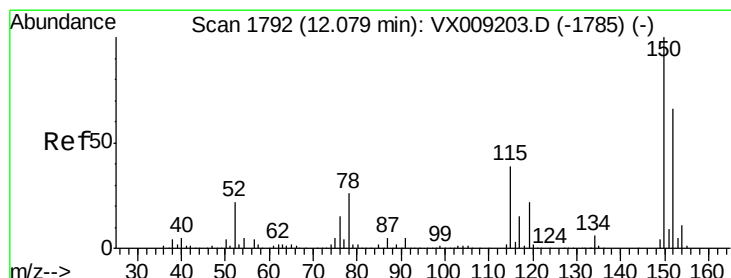
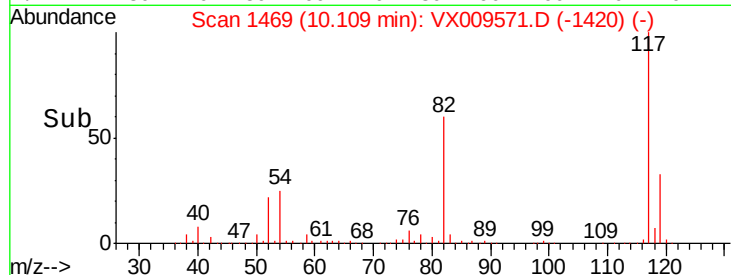
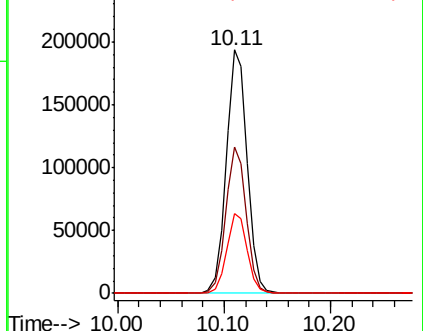
119 32.6 25.8 38.6



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: VX009571.D

Acq: 15 May 2019 11:34

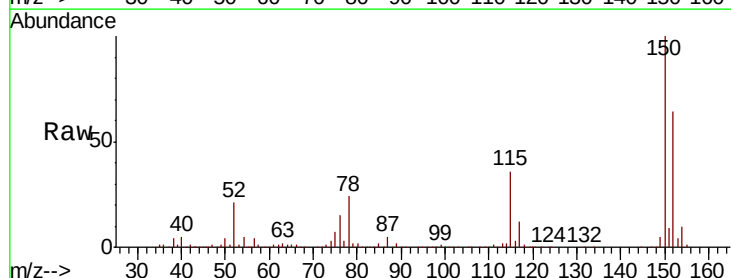
Tgt Ion:152 Resp: 112954

Ion Ratio Lower Upper

152 100

115 58.6 41.2 123.6

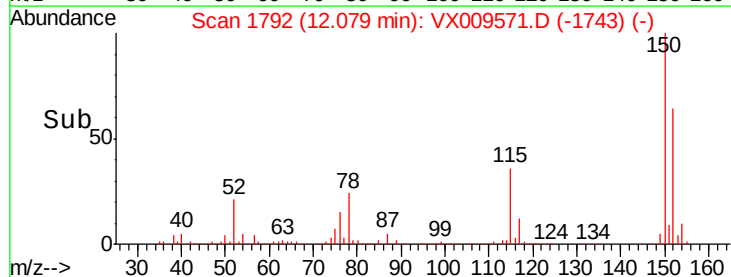
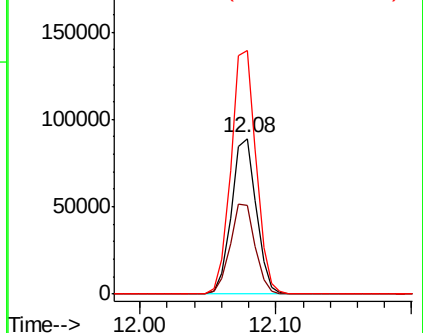
150 158.1 0.0 346.4

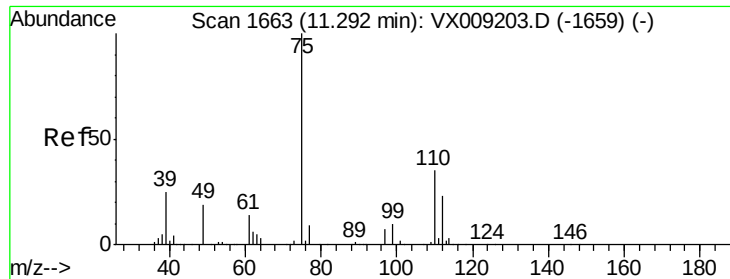


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

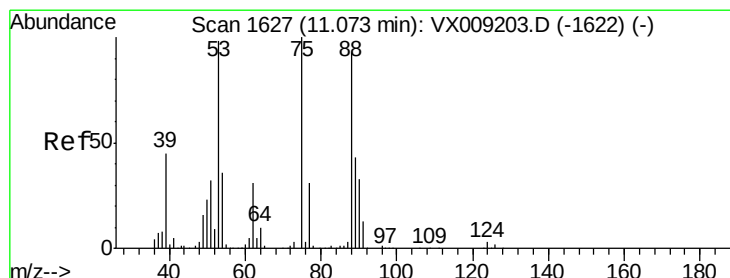
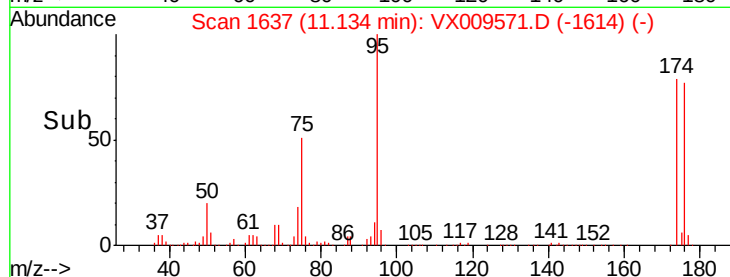
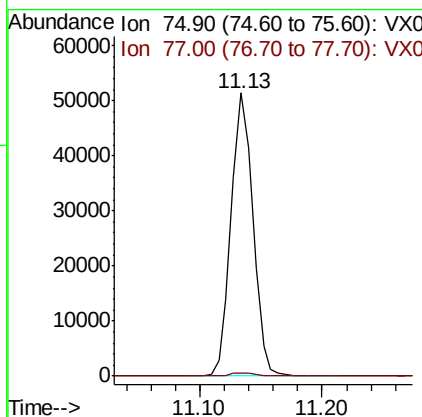
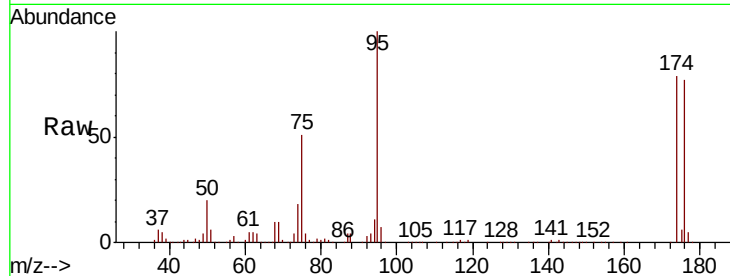




#76
 1,2,3-Trichloropropane
 Concen: 24.268 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX009571.D
 Acq: 15 May 2019 11:34

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 63586
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.094 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX009571.D
 Acq: 15 May 2019 11:34

Tgt Ion: 75 Resp: 63586
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.0 118.6#
 89 0.0 34.7 52.1#

