

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005601.D
 Acq On : 26 Oct 2018 13:32
 Operator : JC/MD
 Sample : VX1026WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBL01

Quant Time: Oct 27 04:44:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	193606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129189	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	126031	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
35) Dibromofluoromethane	5.50	113	97390	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
50) Toluene-d8	8.71	98	354366	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.14	95	118116	44.55	ug/l	0.00
Spiked Amount			Recovery	=	89.10%	

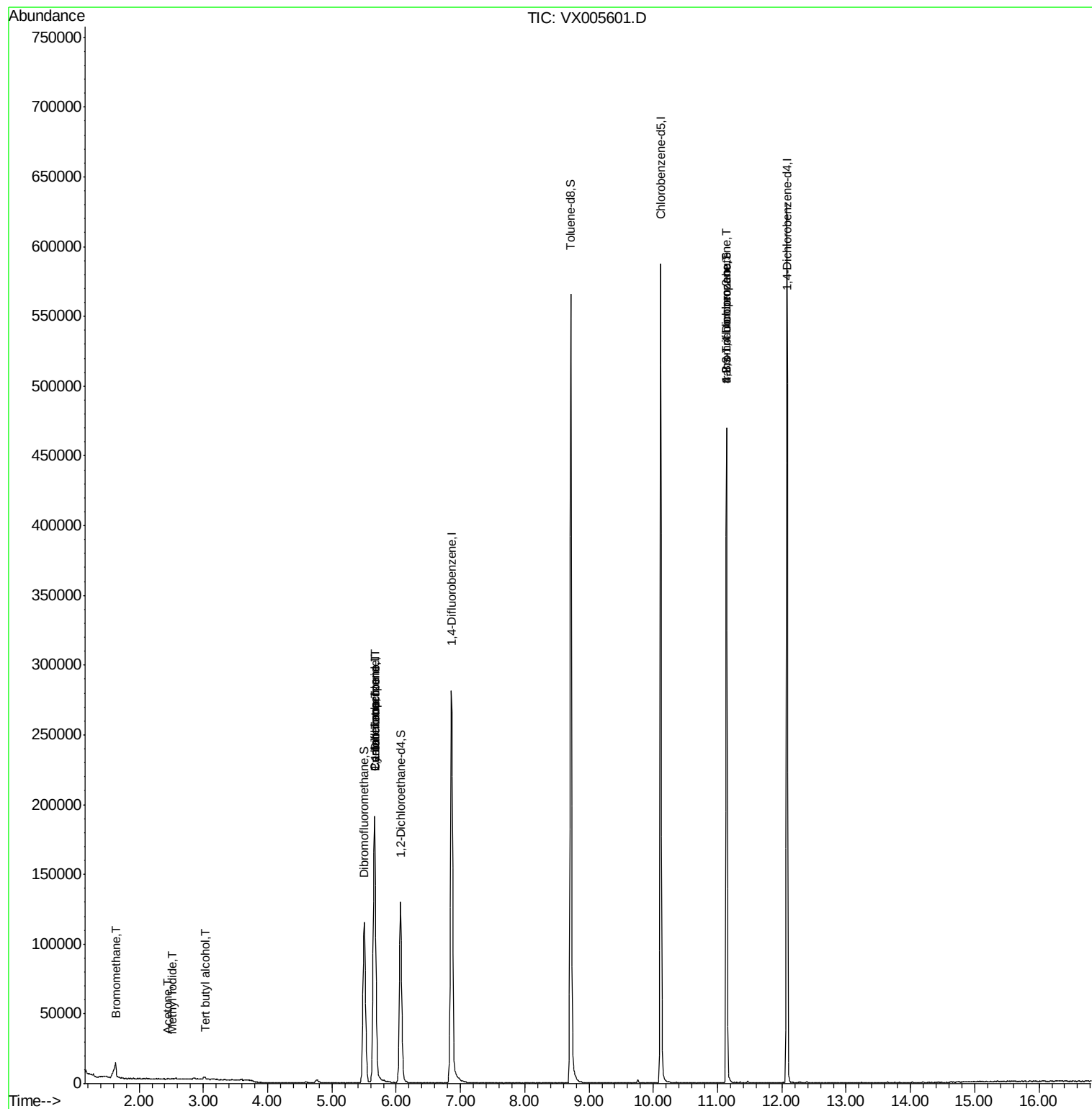
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	467	0.314	ug/l	85
10) Methyl Iodide	2.51	142	102	2.774	ug/l #	39
11) Tert butyl alcohol	3.03	59	1346	2.116	ug/l #	76
16) Acetone	2.45	43	601	0.481	ug/l	98
18) Methyl Acetate	2.78	43	223	Below Cal	#	73
31) Cyclohexane	5.67	56	4021	1.262	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14165	5.058	ug/l #	49
38) Carbon Tetrachloride	5.67	117	17674	5.992	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	59485	21.732	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	59485	71.010	ug/l #	9

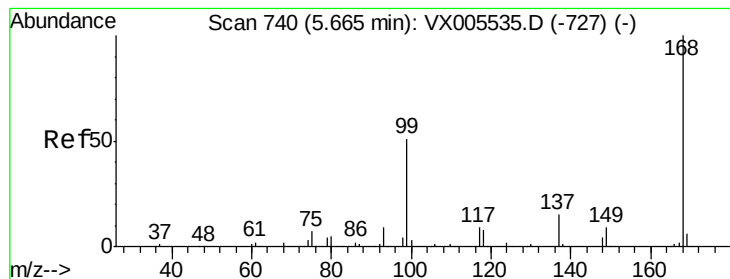
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
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ClientSampleId :
VX1026WBL01

Quant Time: Oct 27 04:44:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
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: VX005601.D

Acq: 26 Oct 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

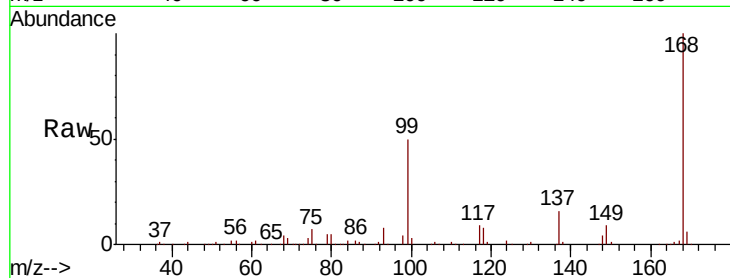
VX1026WBL01

Tot Ion:168 Resp: 193606

Ion Ratio Lower Upper

168 100

99 50.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

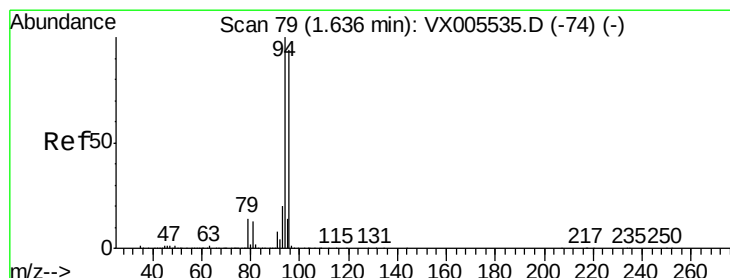
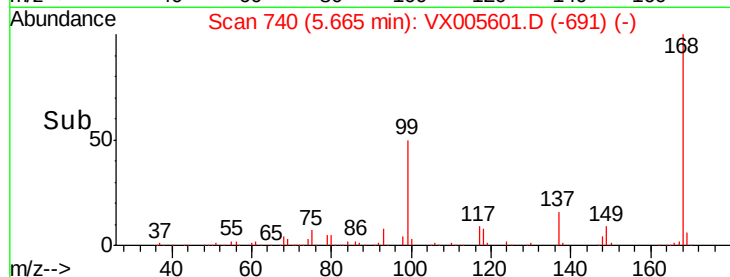
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.314 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005601.D

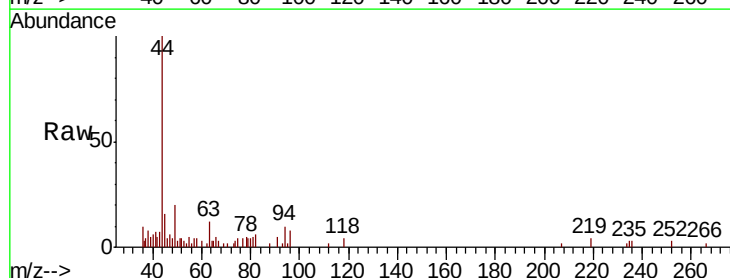
Acq: 26 Oct 2018 13:32

Tgt Ion: 94 Resp: 467

Ion Ratio Lower Upper

94 100

96 79.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

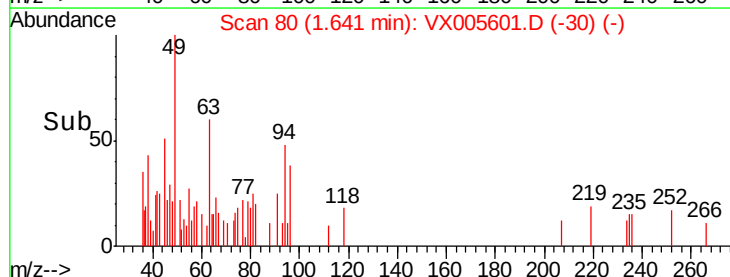
150

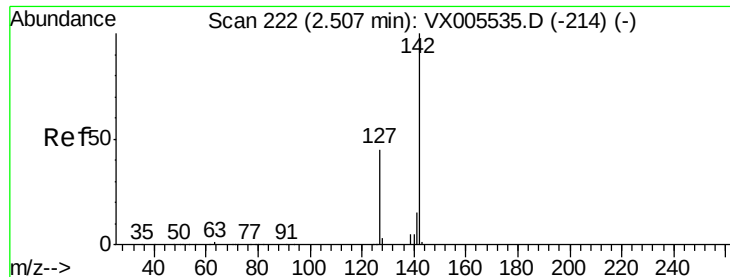
100

50

0

Time--> 1.60 1.65

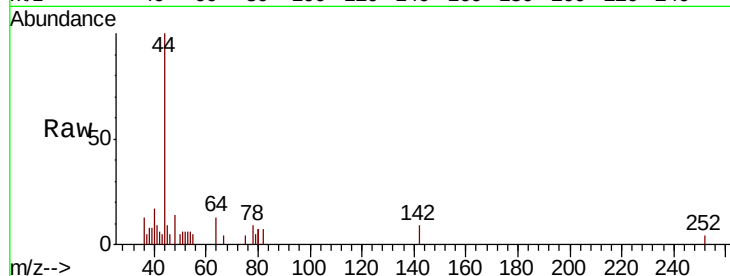




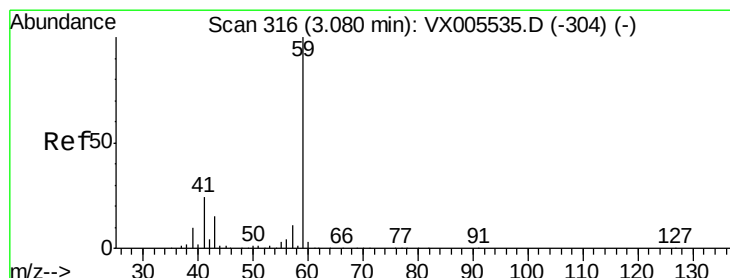
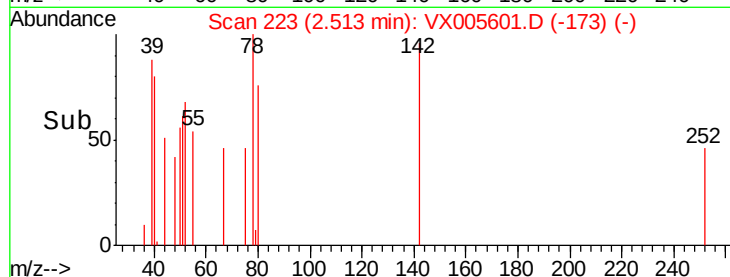
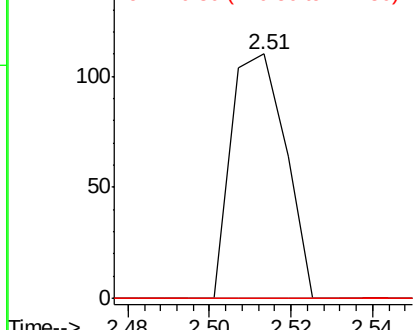
#10
Methvl Iodide
Concen: 2.774 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005601.D
Acq: 26 Oct 2018 13:32

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL01

Tot Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.0	54.0#
141	0.0	11.7	17.5#

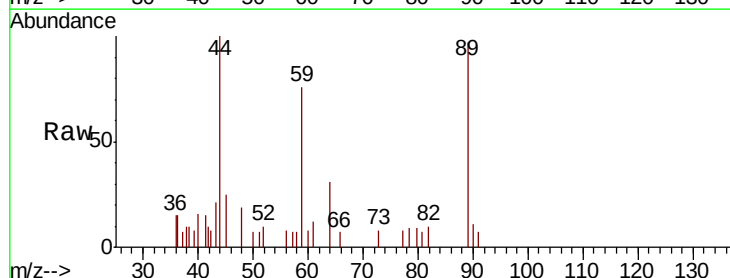


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

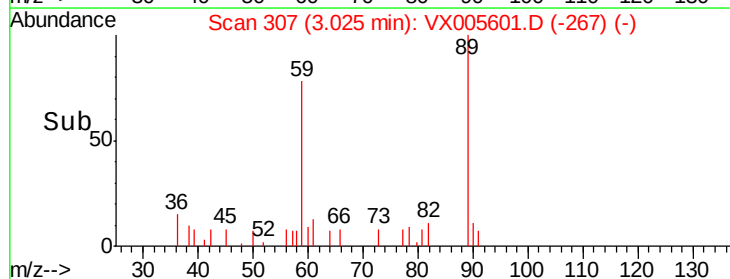
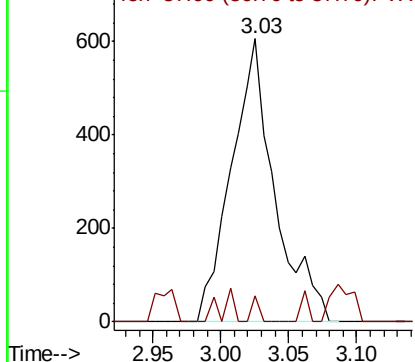


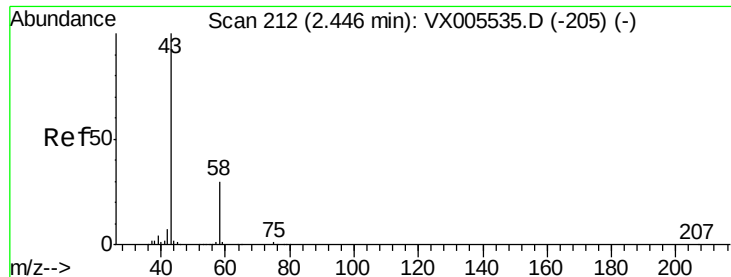
#11
Tert butyl alcohol
Concen: 2.116 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.06 min
Lab File: VX005601.D
Acq: 26 Oct 2018 13:32

Tgt Ion	Ratio	Lower	Upper
59	100		
57	1.6	8.5	12.7#



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





#16

Acetone

Concen: 0.481 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005601.D

Acq: 26 Oct 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

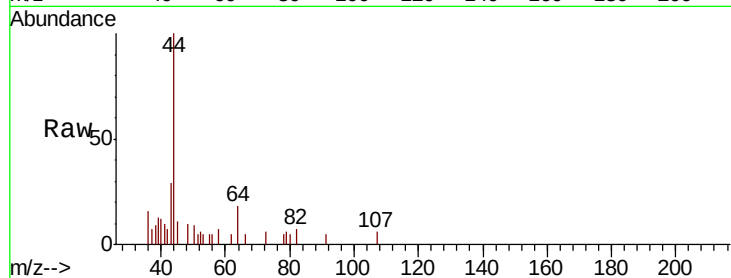
VX1026WBL01

Tot Ion: 43 Resp: 601

Ion Ratio Lower Upper

43 100

58 28.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

400

300

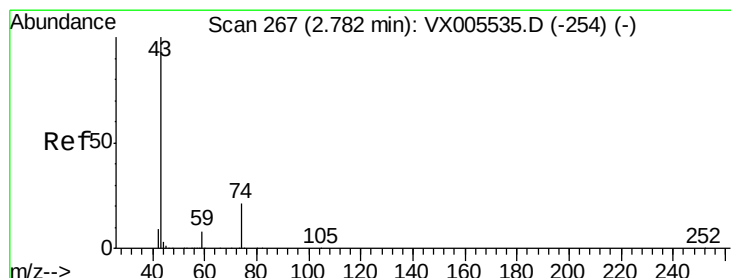
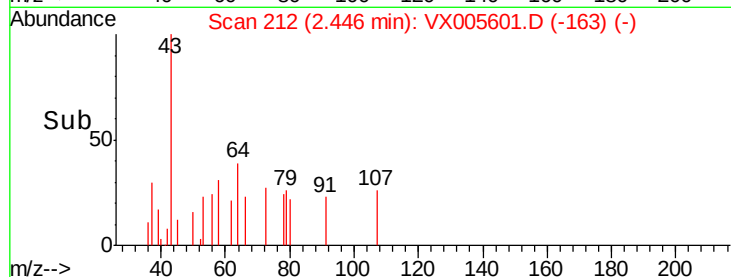
200

100

0

2.40 2.45 2.50

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005601.D

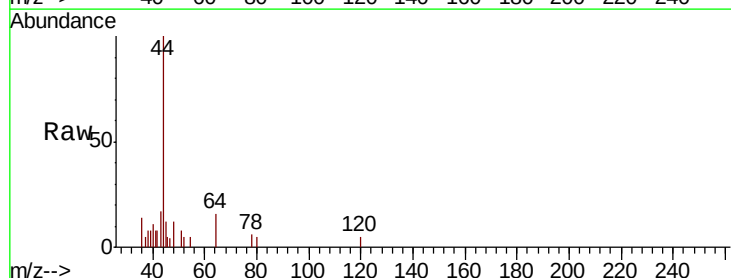
Acq: 26 Oct 2018 13:32

Tgt Ion: 43 Resp: 223

Ion Ratio Lower Upper

43 100

74 8.5 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

200

150

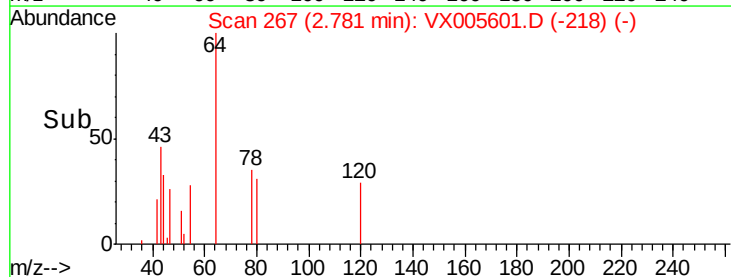
100

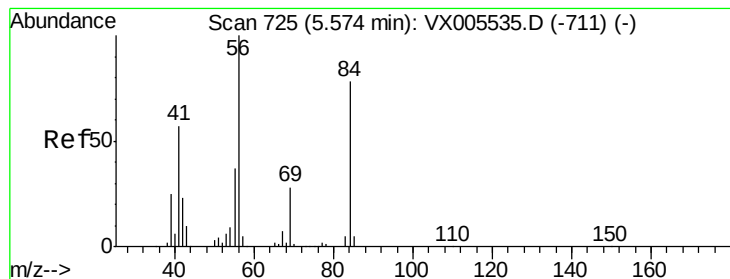
50

0

2.75 2.80

Time-->





#31

Cyclohexane

Concen: 1.262 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX005601.D

Acq: 26 Oct 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBL01

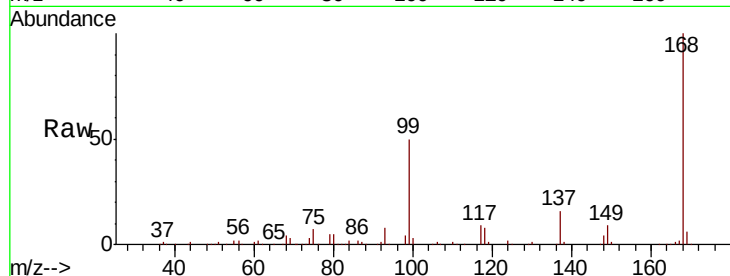
Tot Ion: 56 Resp: 4021

Ion Ratio Lower Upper

56 100

69 172.5 22.6 34.0#

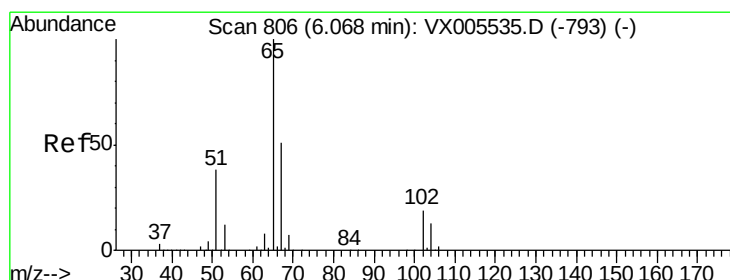
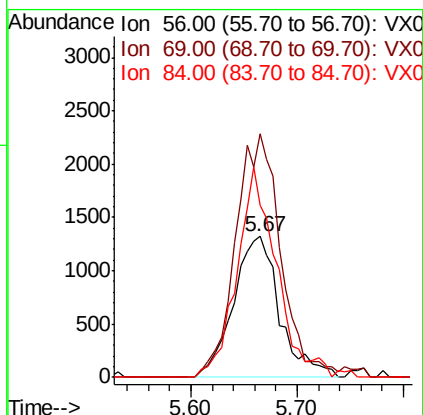
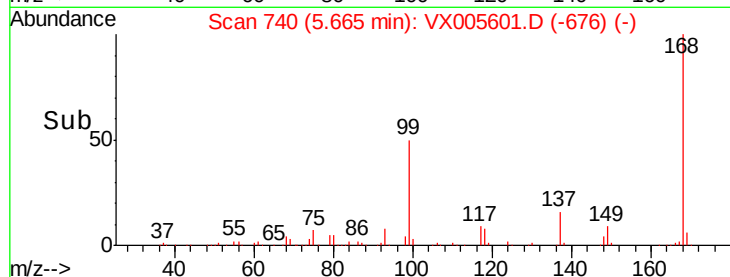
84 121.9 62.7 94.1#



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: 53.328 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005601.D

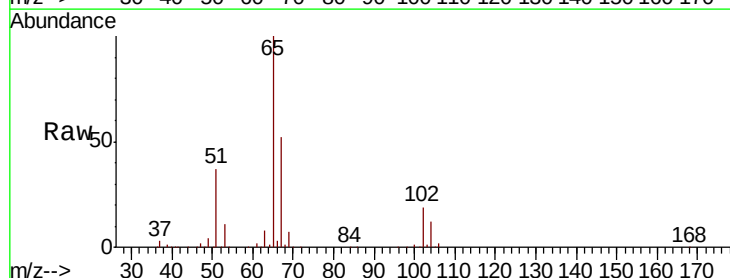
Acq: 26 Oct 2018 13:32

Tgt Ion: 65 Resp: 126031

Ion Ratio Lower Upper

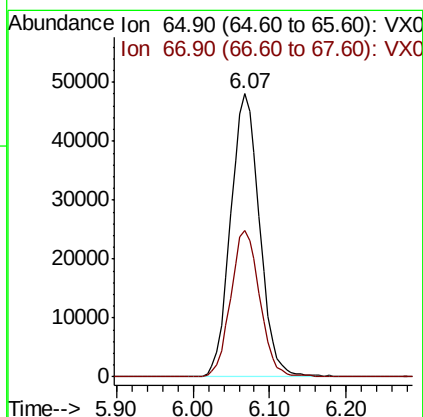
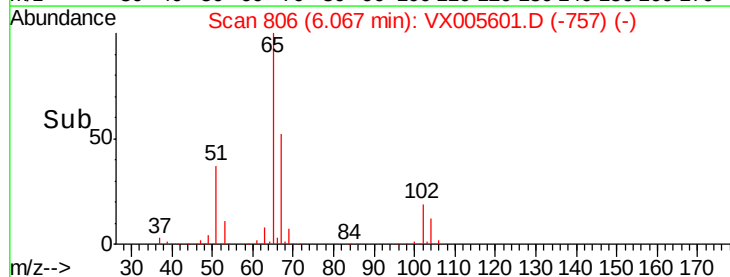
65 100

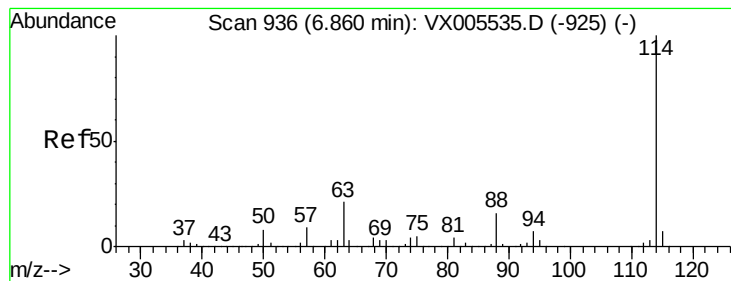
67 52.0 0.0 105.0



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: VX005601.D

Acq: 26 Oct 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBL01

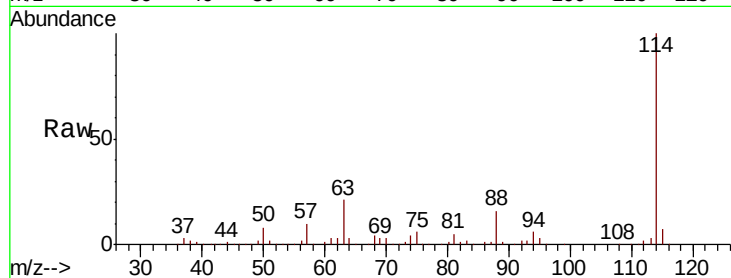
Tot Ion:114 Resp: 288570

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

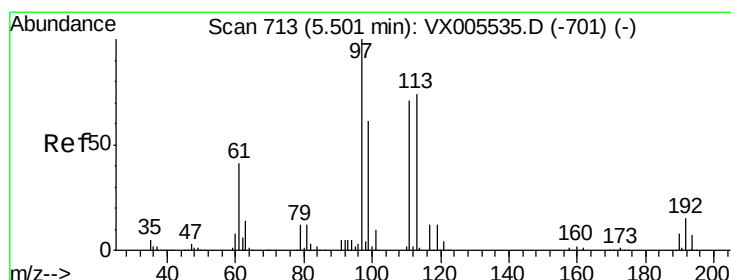
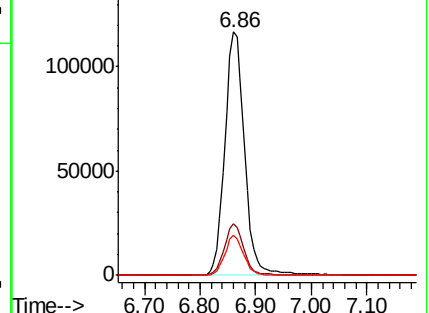
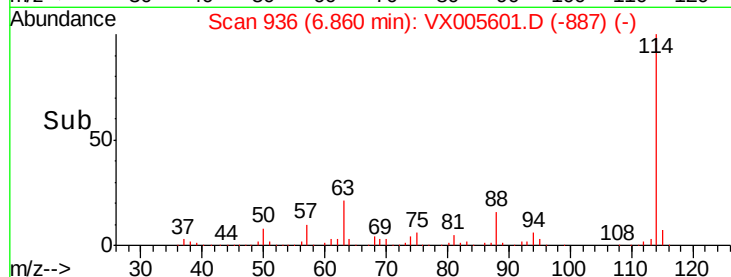
88 16.5 0.0 31.2



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: 49.843 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005601.D

Acq: 26 Oct 2018 13:32

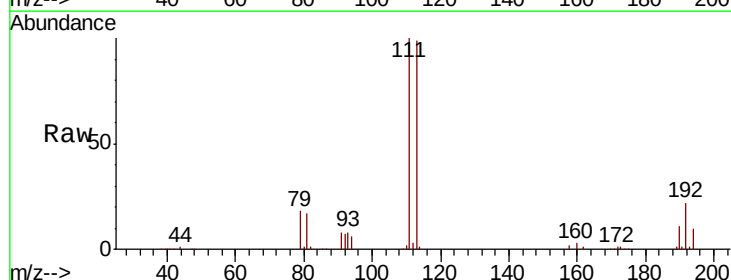
Tgt Ion:113 Resp: 97390

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

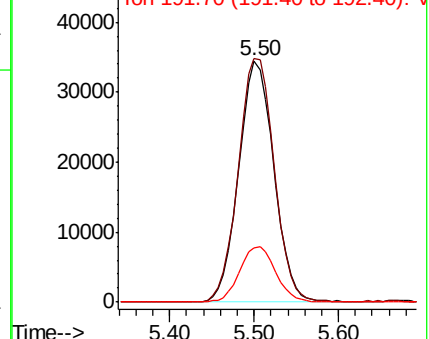
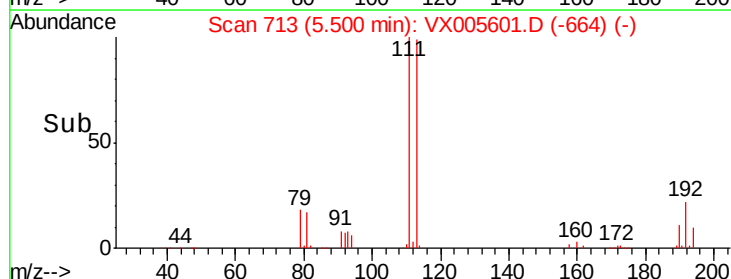
192 23.4 17.9 26.9

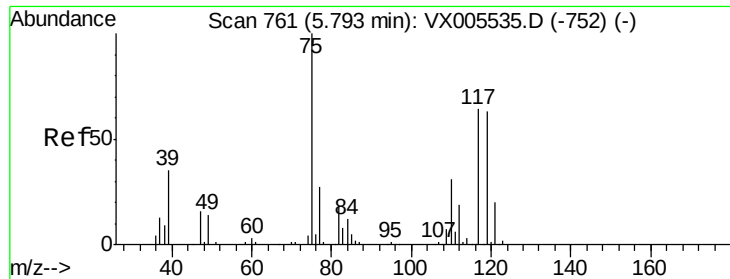


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

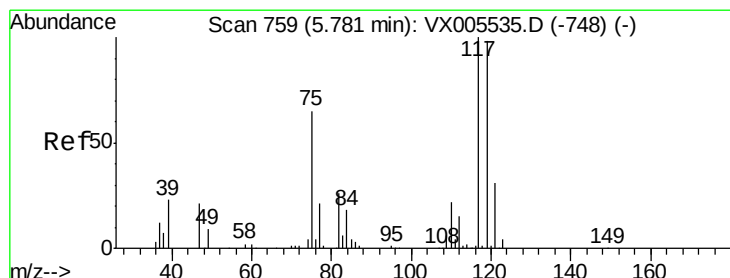
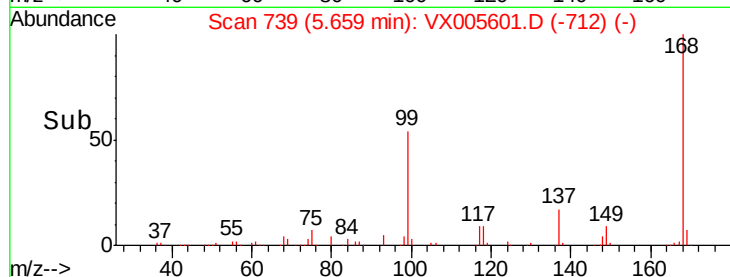
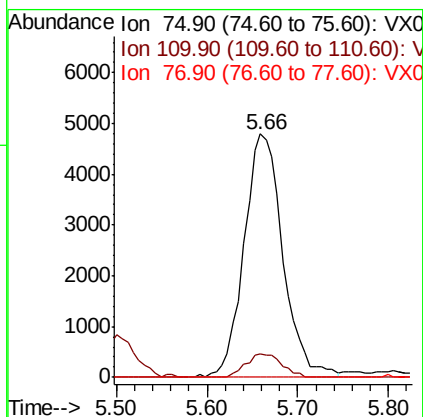
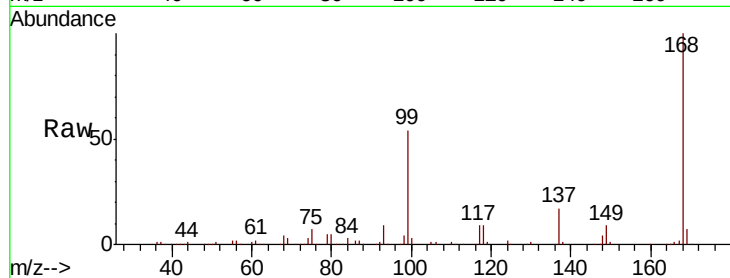




#36
 1,1-Dichloropropene
 Concen: 5.058 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX005601.D
 Acq: 26 Oct 2018 13:32

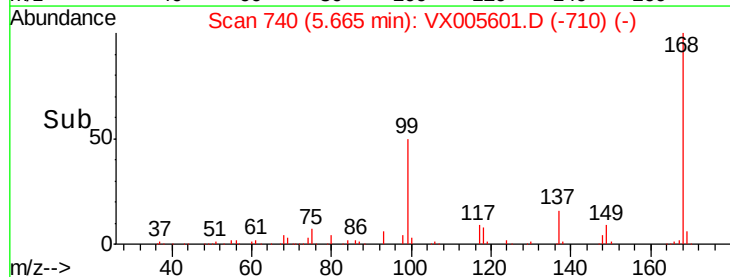
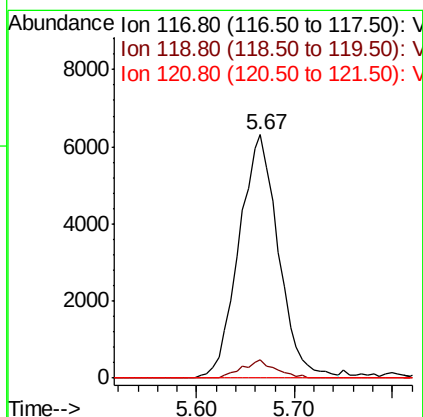
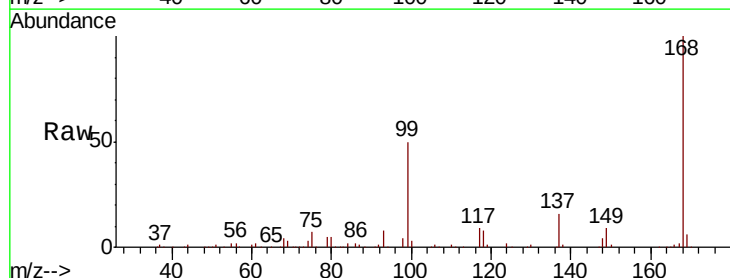
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBL01

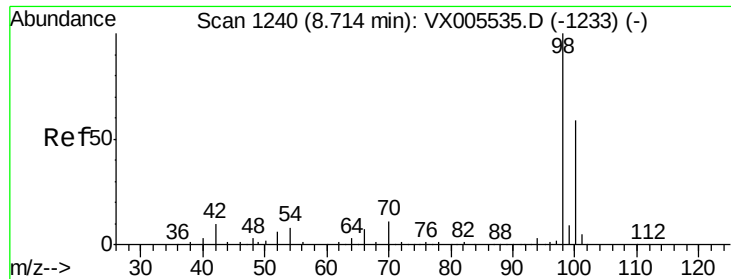
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.4	52.2#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 5.992 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX005601.D
 Acq: 26 Oct 2018 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.4	78.1	117.1#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 50.473 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005601.D

Acq: 26 Oct 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

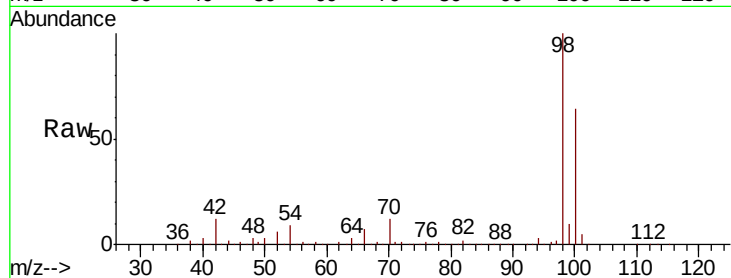
VX1026WBL01

Tot Ion: 98 Resp: 354366

Ion Ratio Lower Upper

98 100

100 63.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

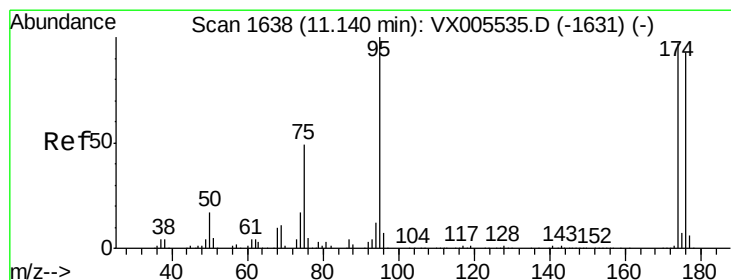
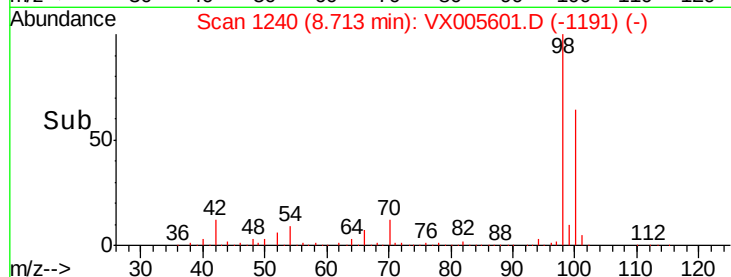
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.548 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005601.D

Acq: 26 Oct 2018 13:32

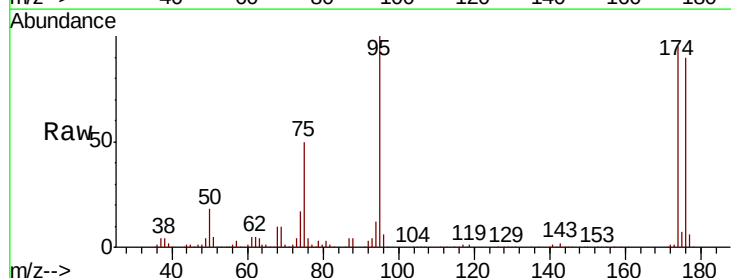
Tgt Ion: 95 Resp: 118116

Ion Ratio Lower Upper

95 100

174 92.9 0.0 184.4

176 88.1 0.0 177.4



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

11.14

120000

100000

80000

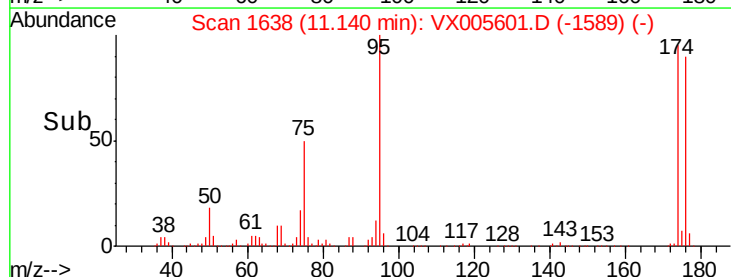
60000

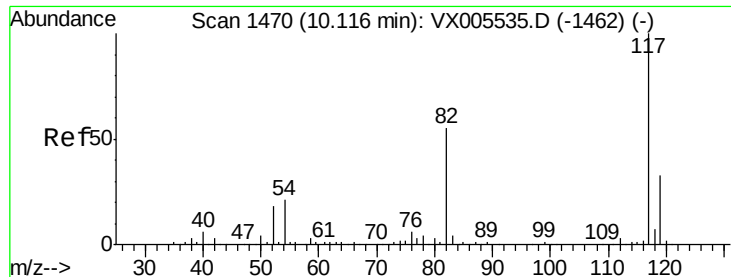
40000

20000

0

Time-->

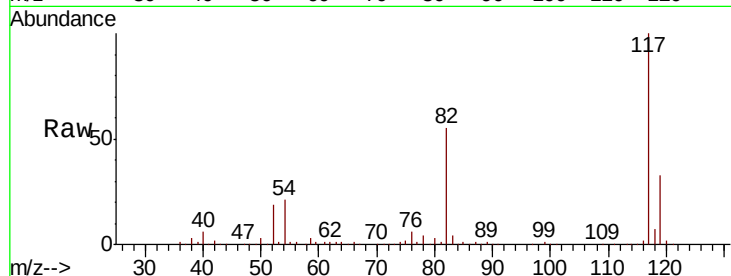




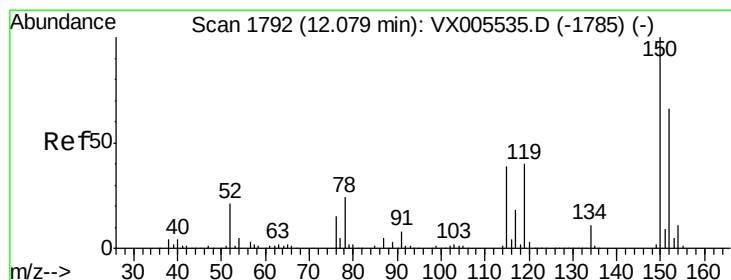
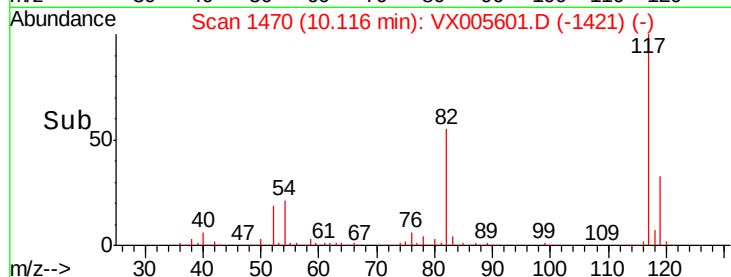
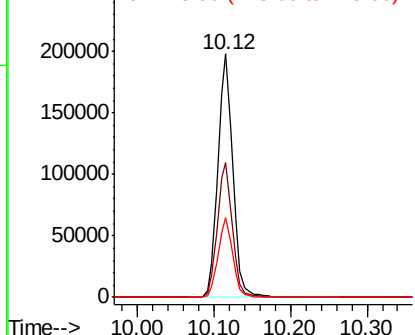
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005601.D
Acq: 26 Oct 2018 13:32

Instrument :
MSVOA_X
ClientSampled :
VX1026WBL01

Tot Ion:117 Resp: 267209
Ion Ratio Lower Upper
117 100
82 55.2 44.1 66.1
119 32.8 26.2 39.2

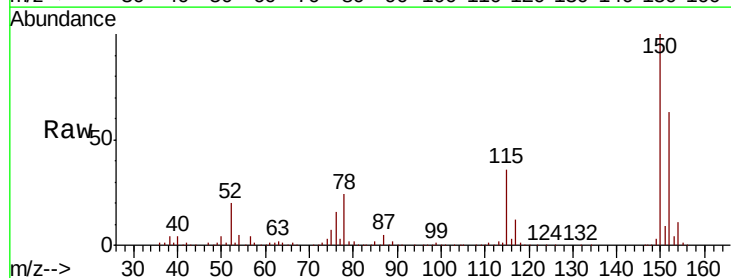


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

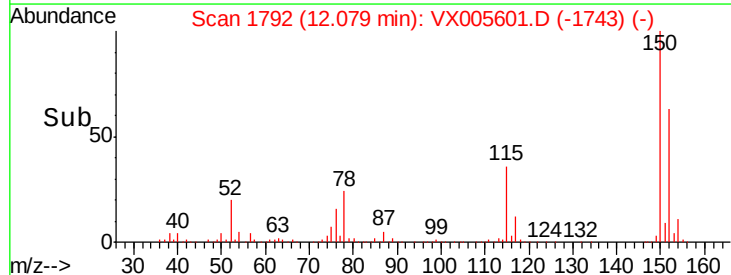
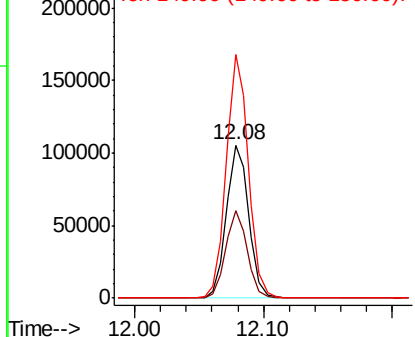


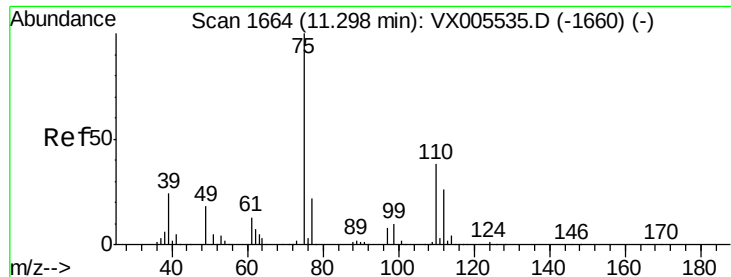
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005601.D
Acq: 26 Oct 2018 13:32

Tgt Ion:152 Resp: 129189
Ion Ratio Lower Upper
152 100
115 55.3 39.4 118.1
150 157.1 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

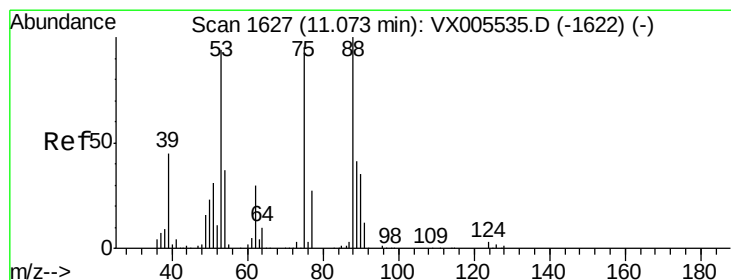
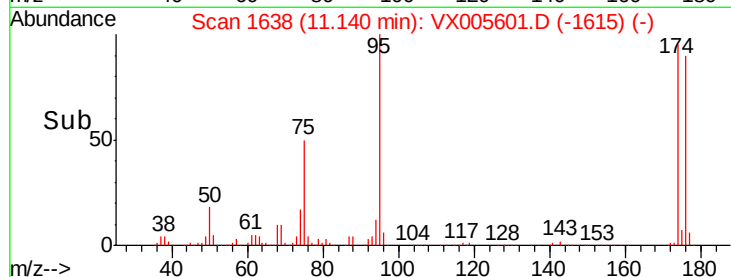
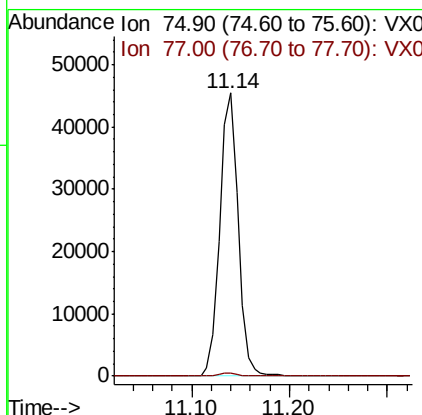
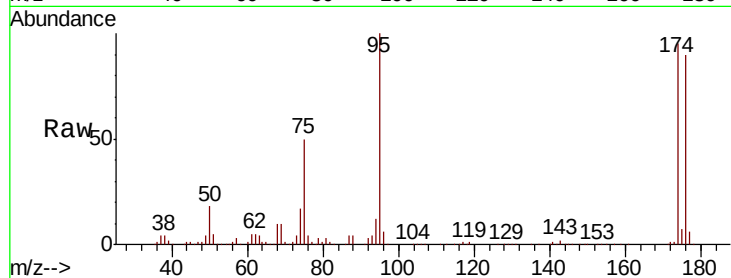




#76
 1,2,3-Trichloropropane
 Concen: 21.732 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005601.D
 Acq: 26 Oct 2018 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBL01

Tot Ion: 75 Resp: 59485
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.5 61.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.010 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX005601.D
 Acq: 26 Oct 2018 13:32

Tgt Ion: 75 Resp: 59485
 Ion Ratio Lower Upper
 75 100
 53 0.3 80.2 120.2#
 89 0.0 39.8 59.8#

