

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
 Data File : VX005308.D
 Acq On : 12 Oct 2018 22:44
 Operator : JC/MD
 Sample : VX1012MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 02:39:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167113	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	169712	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
35) Dibromofluoromethane	5.50	113	143017	57.43	ug/l	0.00
Spiked Amount			Recovery	=	114.86%	
50) Toluene-d8	8.71	98	454378	53.15	ug/l	0.00
Spiked Amount			Recovery	=	106.30%	
62) 4-Bromofluorobenzene	11.14	95	148498	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	

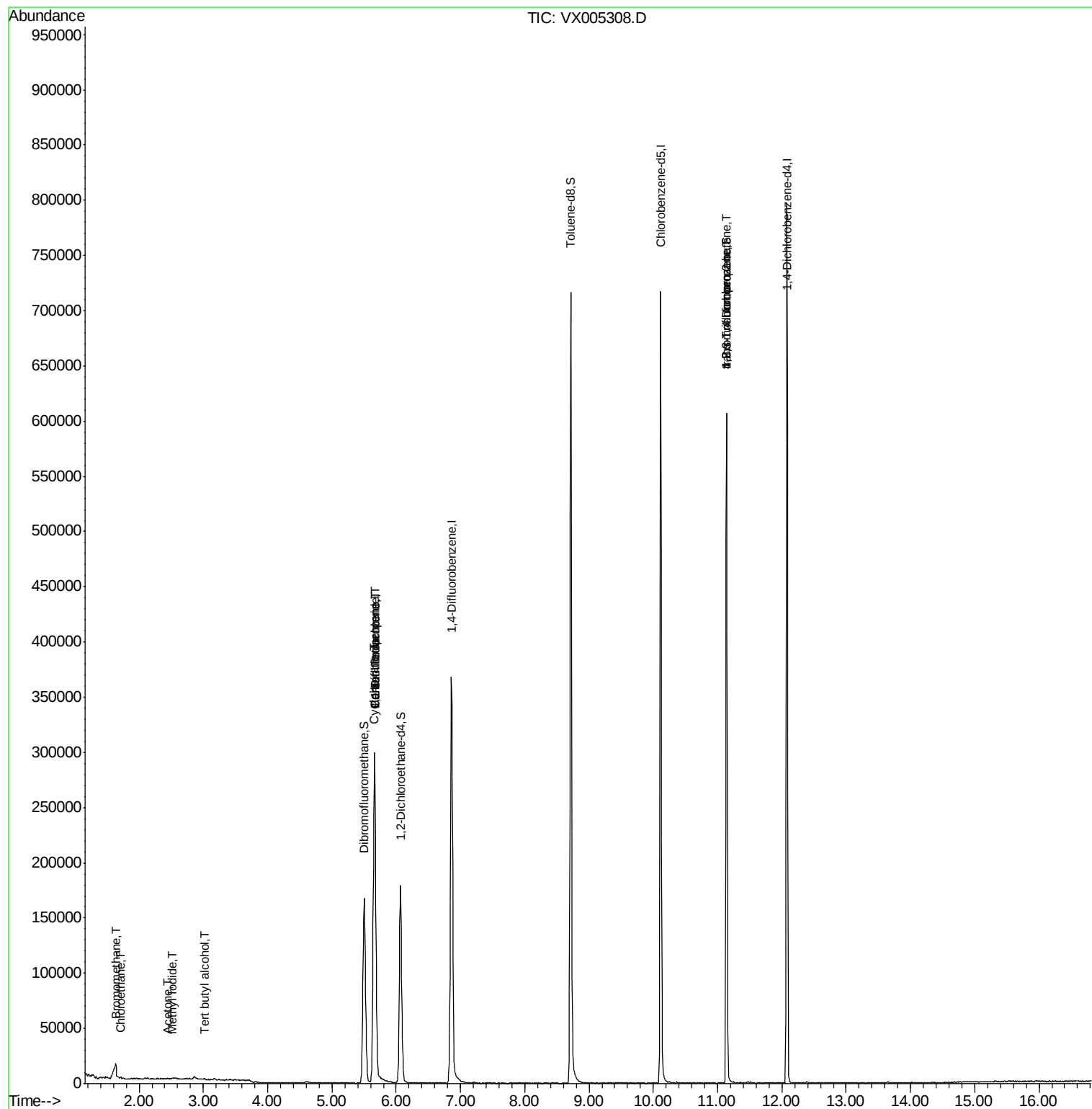
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	936	1.039	ug/l	93
6) Chloroethane	1.70	64	32	0.348	ug/l #	48
10) Methyl Iodide	2.52	142	578	2.669	ug/l #	90
11) Tert butyl alcohol	3.02	59	750	0.763	ug/l #	72
13) Acrolein	2.29	56	202	Below Cal	#	79
16) Acetone	2.44	43	494	0.245	ug/l #	86
20) Methylene Chloride	2.85	84	952	Below Cal	#	71
31) Cyclohexane	5.65	56	5581	1.165	ug/l #	15
36) 1,1-Dichloropropene	5.67	75	20675	5.678	ug/l #	49
38) Carbon Tetrachloride	5.67	117	26115	7.138	ug/l #	14
44) Trichloroethene	7.22	130	365	Below Cal		44
76) 1,2,3-Trichloropropane	11.14	75	73391	22.641	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	73391	68.794	ug/l #	10

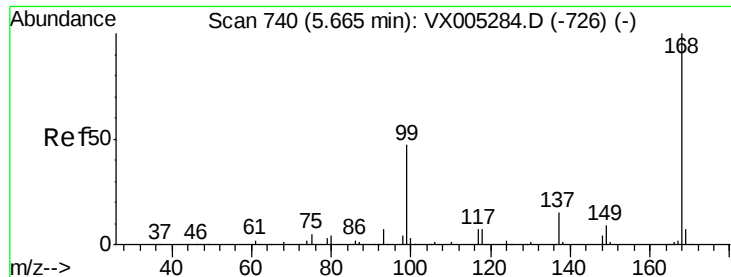
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 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: VX005308.D

Acq: 12 Oct 2018 22:44

Instrument :

MSVOA_X

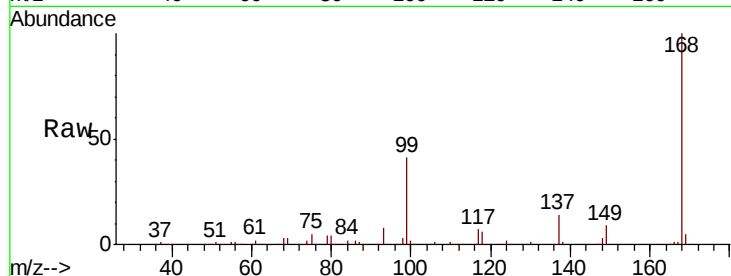
ClientSampleId :

Tot Ion:168 Resp: 314010

Ion Ratio Lower Upper

168 100

99 41.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

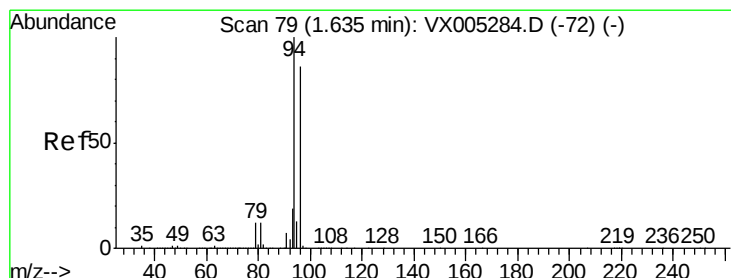
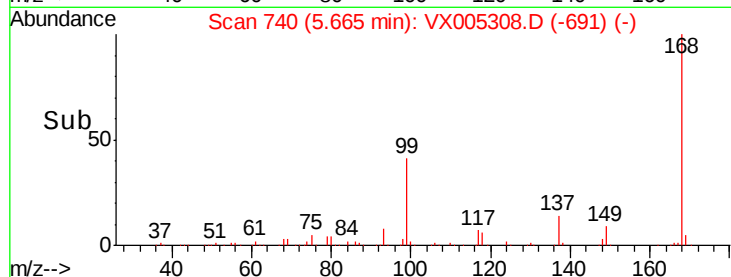
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 1.039 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005308.D

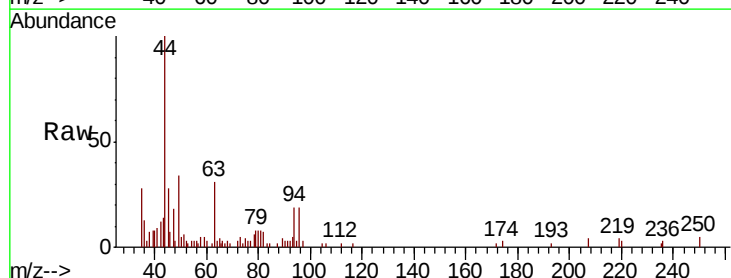
Acq: 12 Oct 2018 22:44

Tgt Ion: 94 Resp: 936

Ion Ratio Lower Upper

94 100

96 86.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

600

500

400

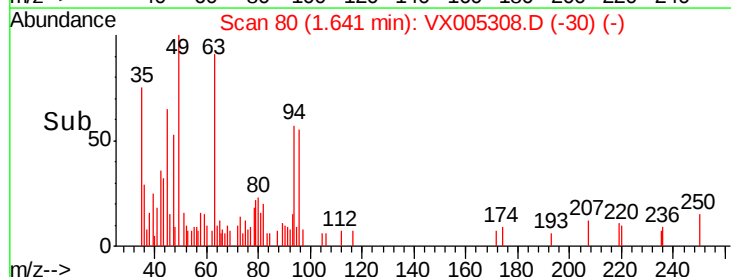
300

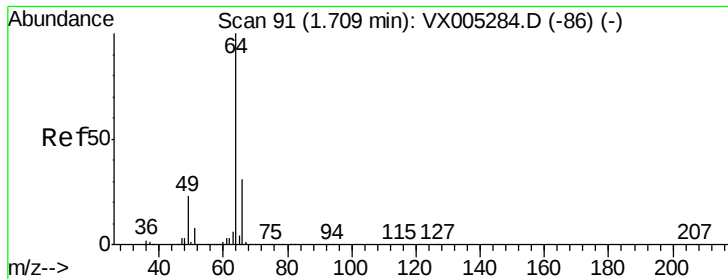
200

100

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.348 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005308.D

Acq: 12 Oct 2018 22:44

Instrument :

MSVOA_X

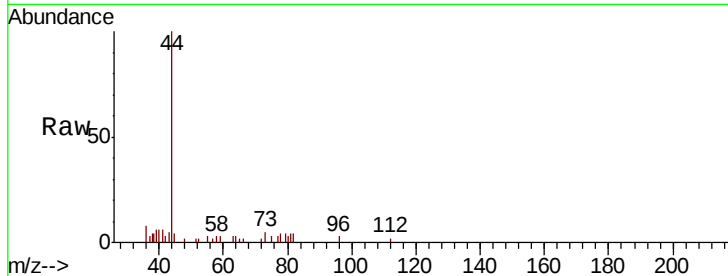
ClientSampled :

Tot Ion: 64 Resp: 32

Ion Ratio Lower Upper

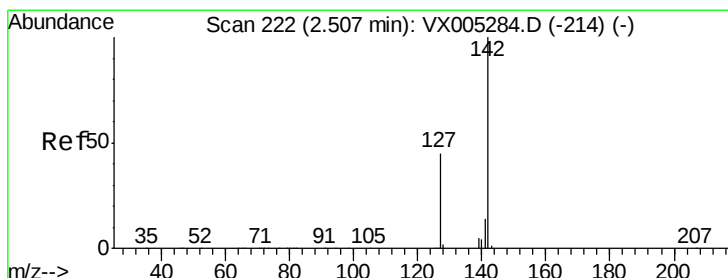
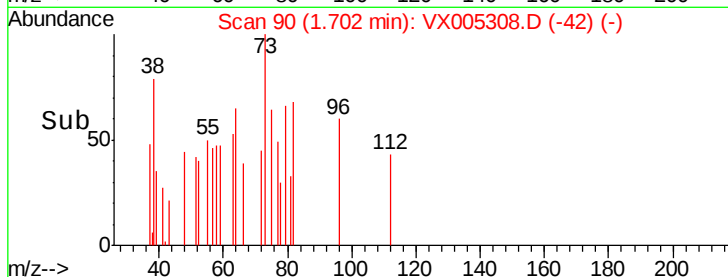
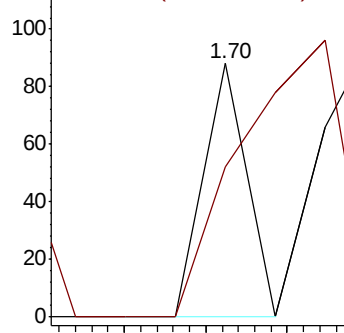
64 100

66 59.1 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 2.669 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX005308.D

Acq: 12 Oct 2018 22:44

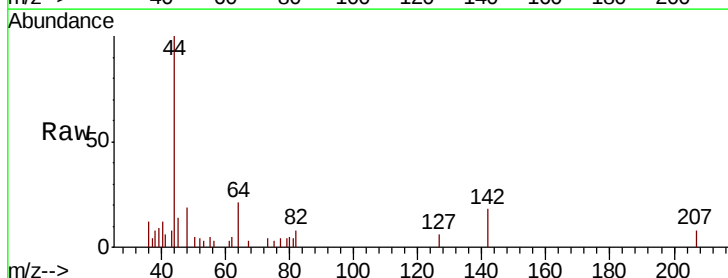
Tgt Ion: 142 Resp: 578

Ion Ratio Lower Upper

142 100

127 39.4 33.8 50.6

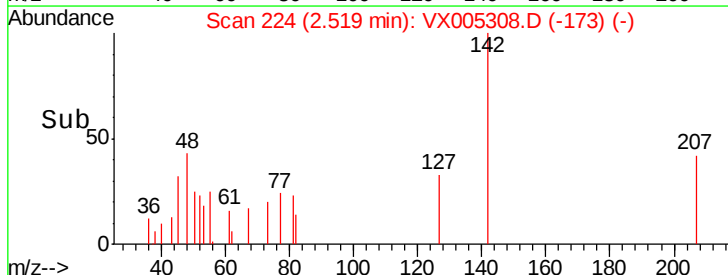
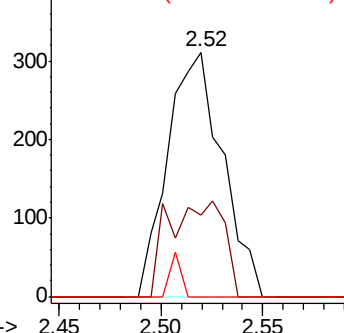
141 3.5 11.4 17.0#



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



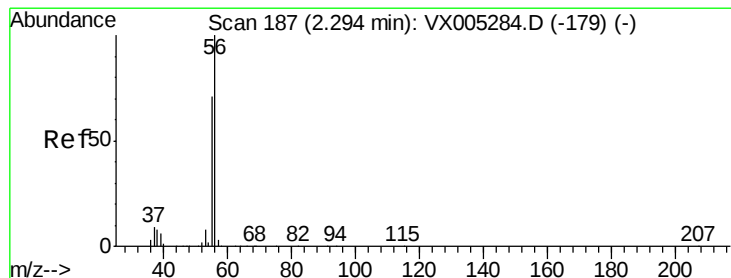
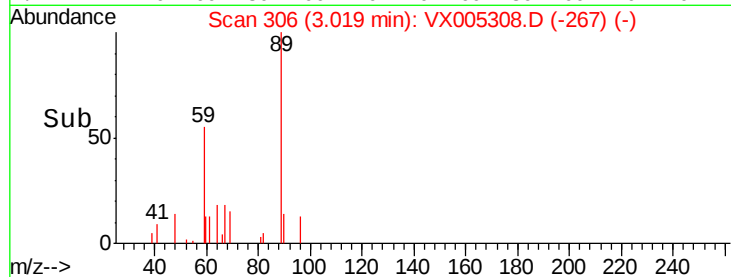
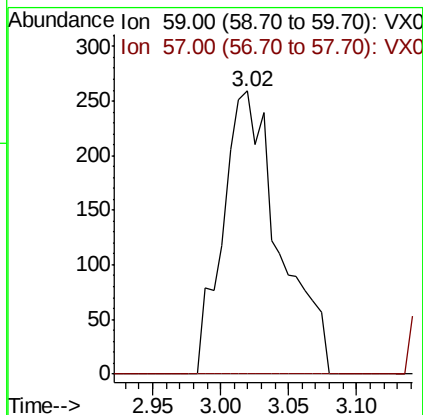
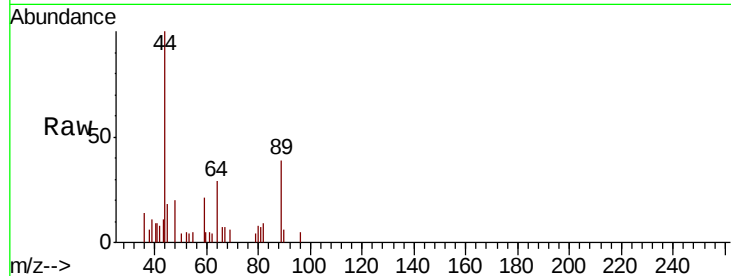


#11

Tert butyl alcohol
 Concen: 0.763 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX005308.D
 Acq: 12 Oct 2018 22:44

Instrument :
 MSVOA_X
 ClientSampleId :

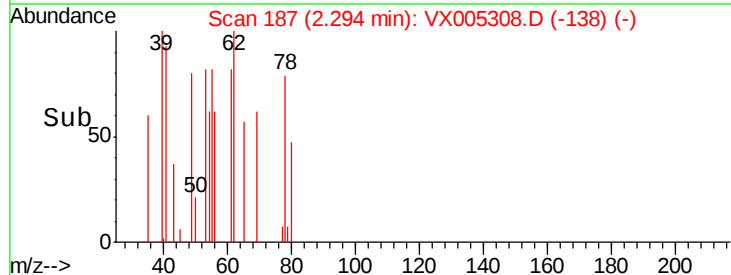
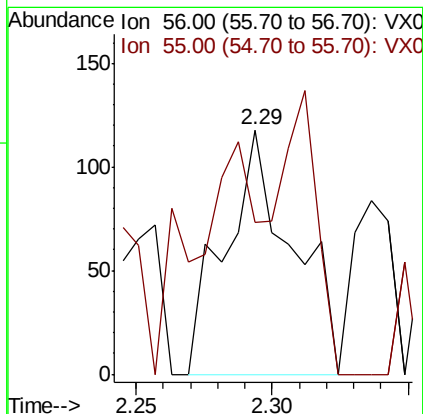
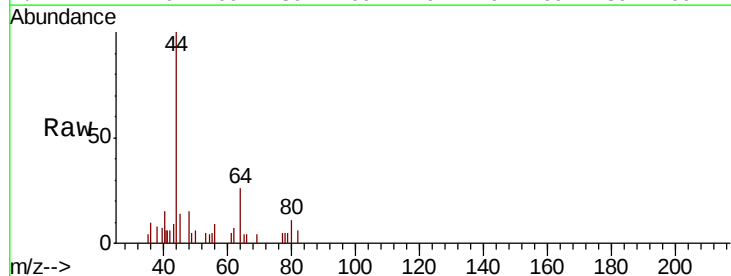
Tot Ion: 59 Resp: 750
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

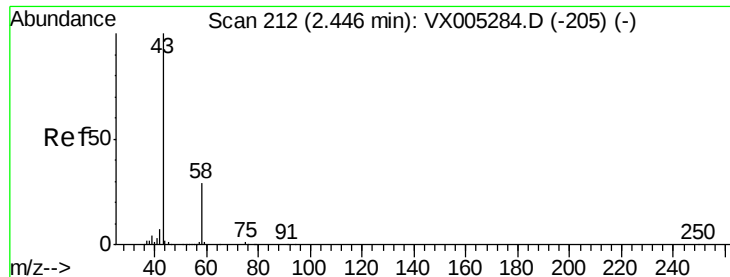


#13

Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX005308.D
 Acq: 12 Oct 2018 22:44

Tgt Ion: 56 Resp: 202
 Ion Ratio Lower Upper
 56 100
 55 85.6 54.7 82.1#

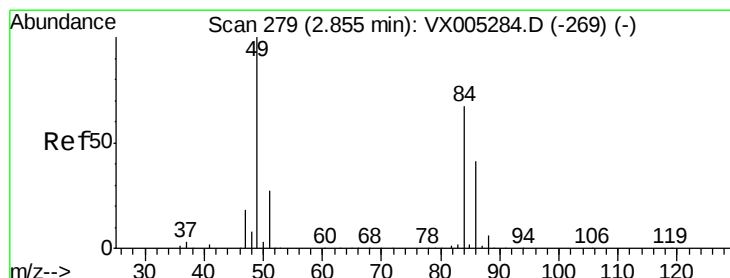
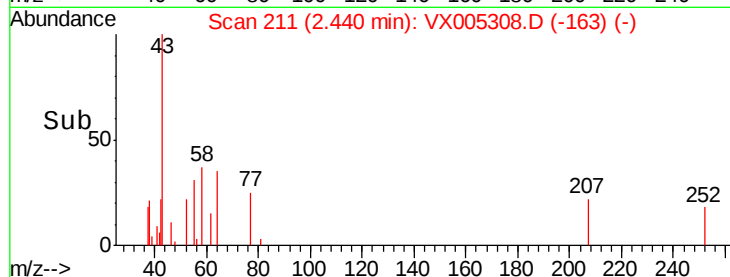
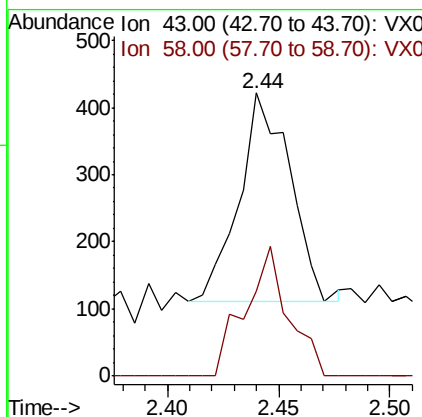
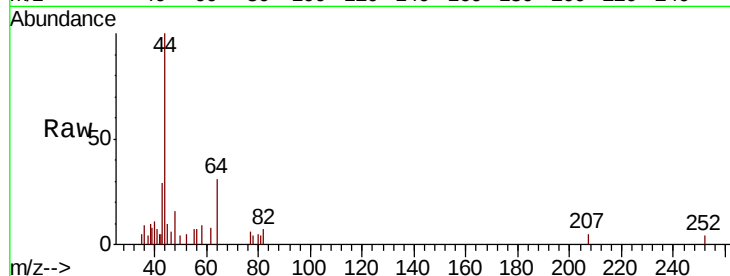




#16
Acetone
Concen: 0.245 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX005308.D
Acq: 12 Oct 2018 22:44

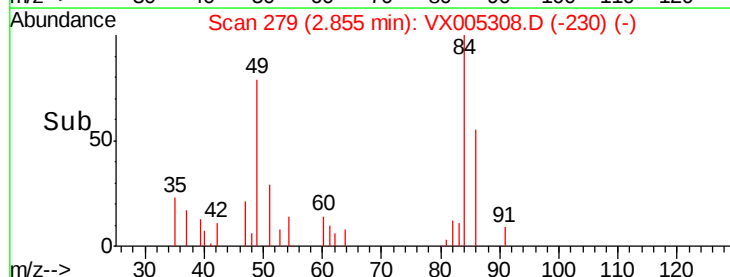
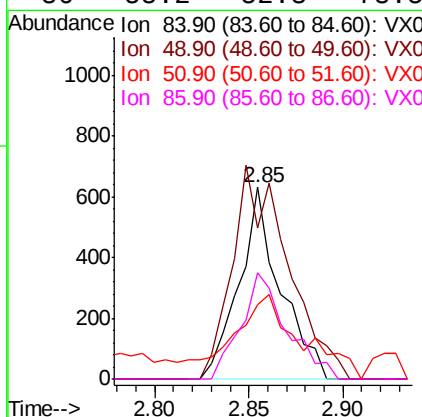
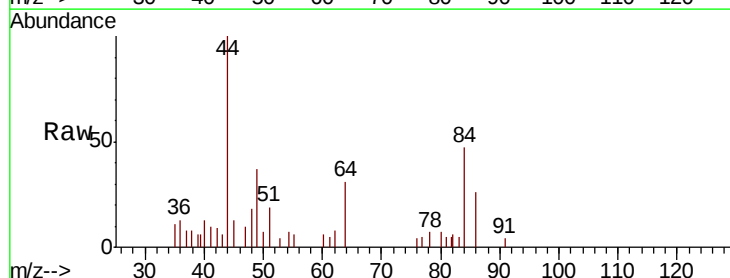
Instrument :
MSVOA_X
ClientSampled :

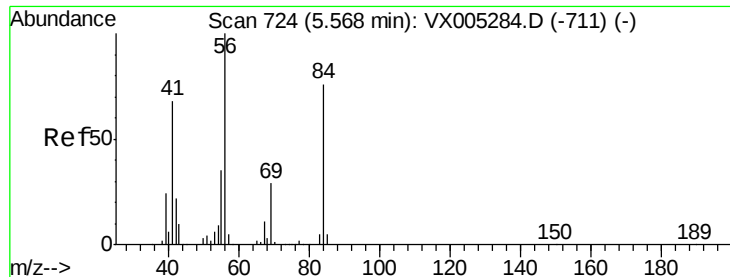
Tot Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
58 40.6 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005308.D
Acq: 12 Oct 2018 22:44

Tgt Ion: 84 Resp: 952
Ion Ratio Lower Upper
84 100
49 78.8 101.2 151.8#
51 28.8 29.5 44.3#
86 55.2 52.3 78.5

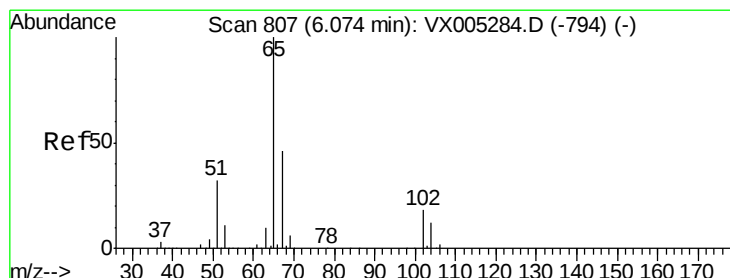
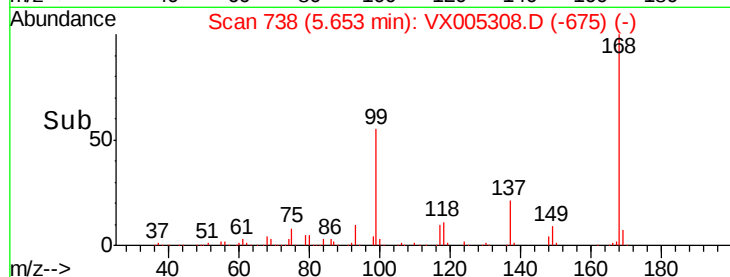
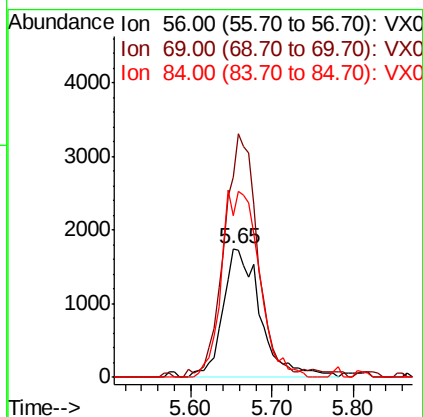
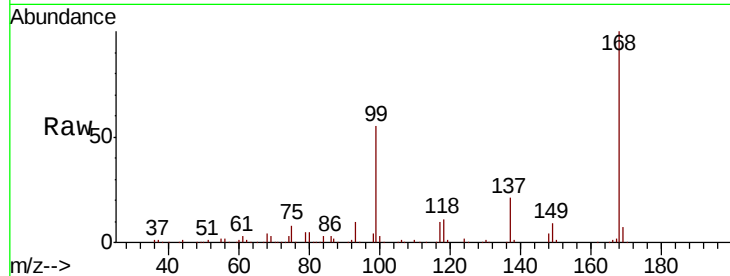




#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.09 min
Lab File: VX005308.D
Acq: 12 Oct 2018 22:44

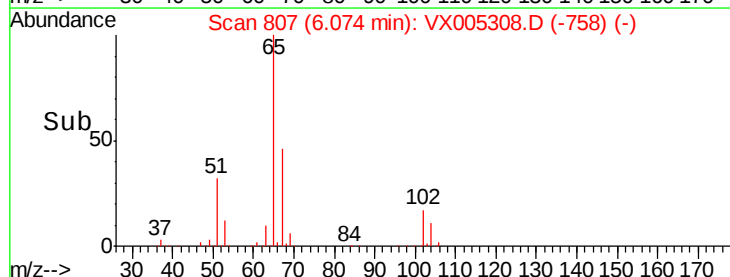
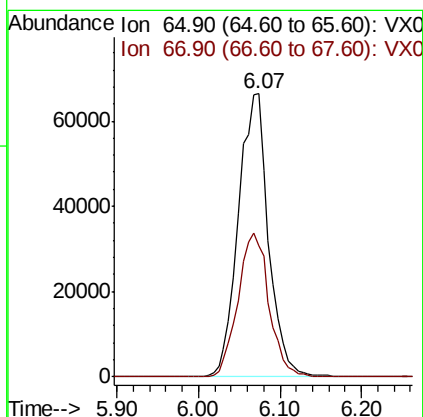
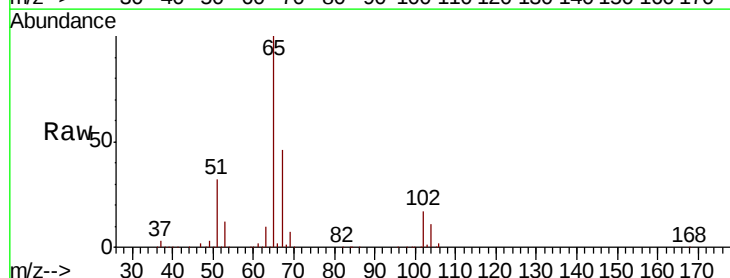
Instrument :
MSVOA_X
ClientSampled :

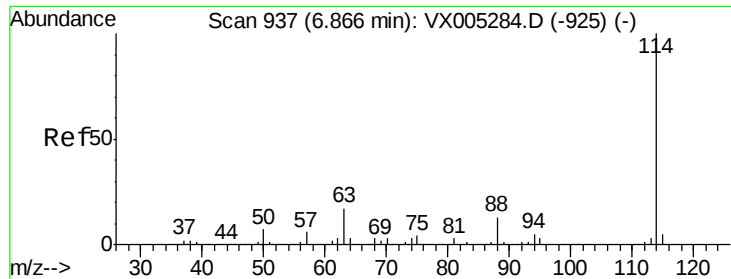
Tot Ion: 56 Resp: 5581
Ion Ratio Lower Upper
56 100
69 152.1 25.4 38.2#
84 125.6 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 48.697 ug/l
RT: 6.07 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX005308.D
Acq: 12 Oct 2018 22:44

Tgt Ion: 65 Resp: 169712
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.8

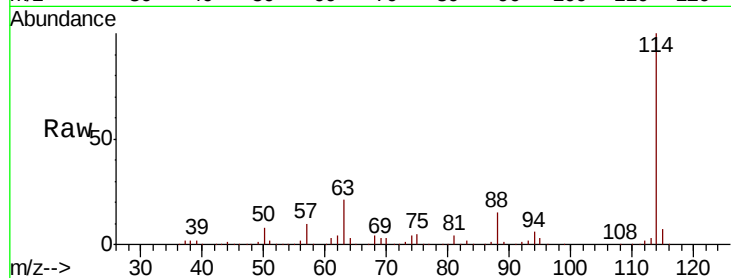




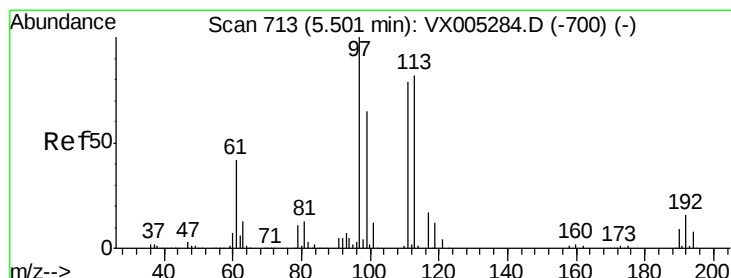
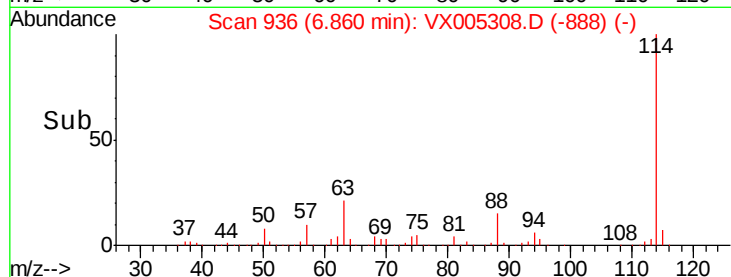
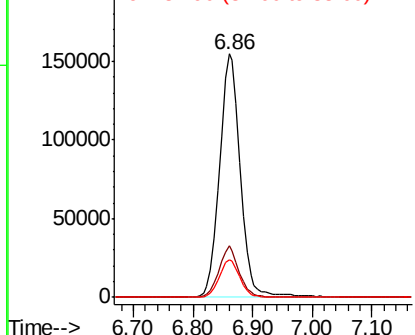
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005308.D
Acq: 12 Oct 2018 22:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:114 Resp: 375965
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.0
88 15.3 0.0 30.4

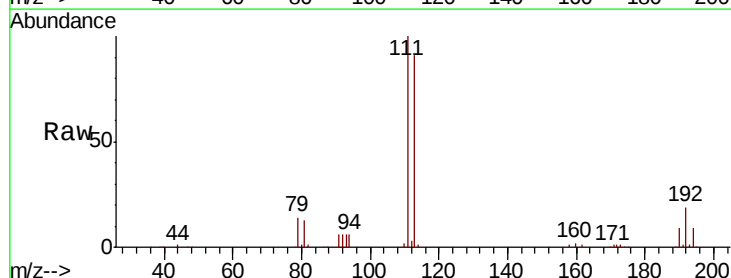


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

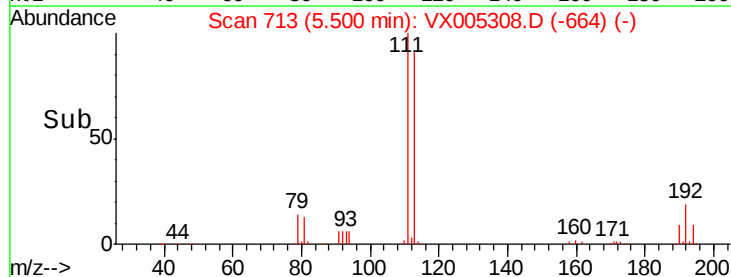
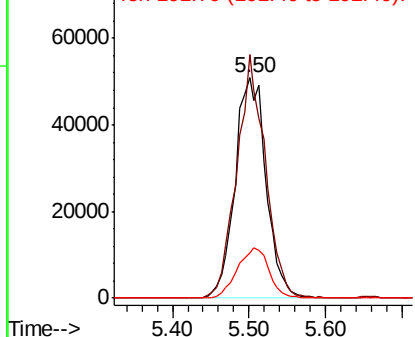


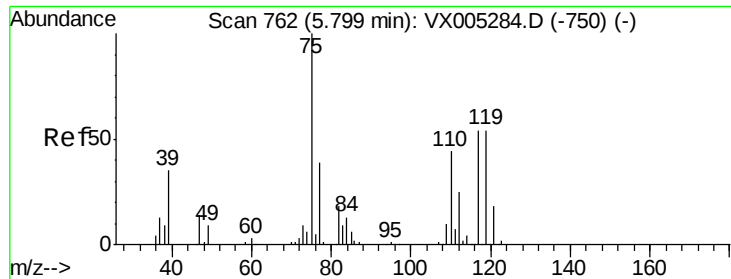
#35
Dibromofluoromethane
Concen: 57.434 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005308.D
Acq: 12 Oct 2018 22:44

Tgt Ion:113 Resp: 143017
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 23.4 19.4 29.2



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

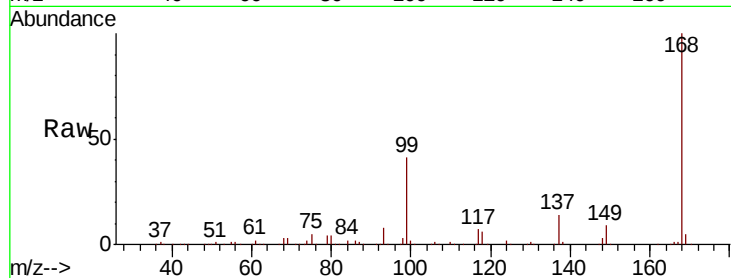




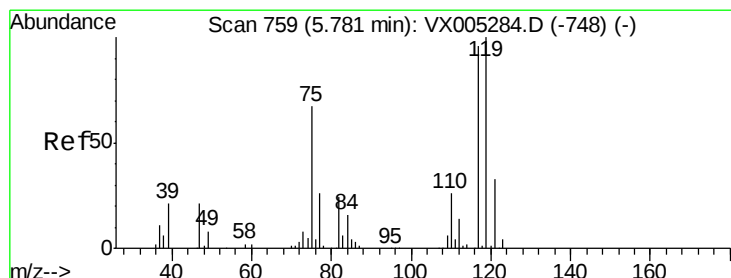
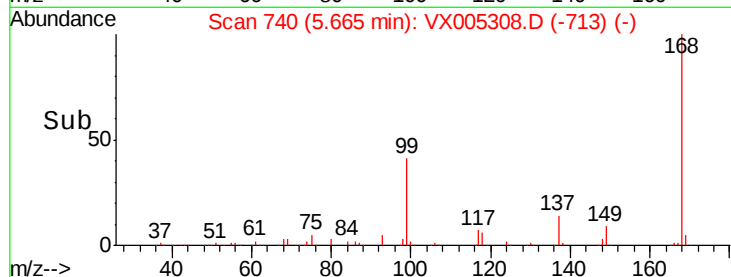
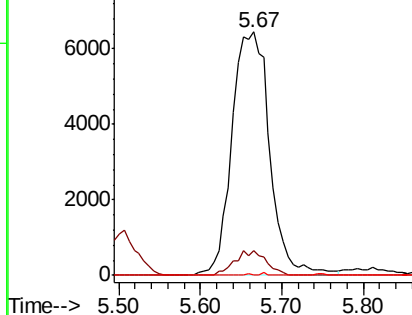
#36
 1,1-Dichloropropene
 Concen: 5.678 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005308.D
 Acq: 12 Oct 2018 22:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.0	54.0#
77	0.1	24.6	36.8#

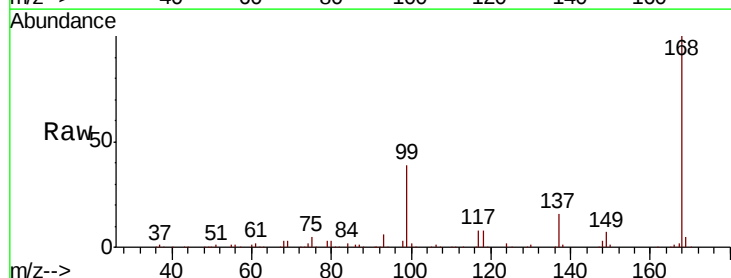


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

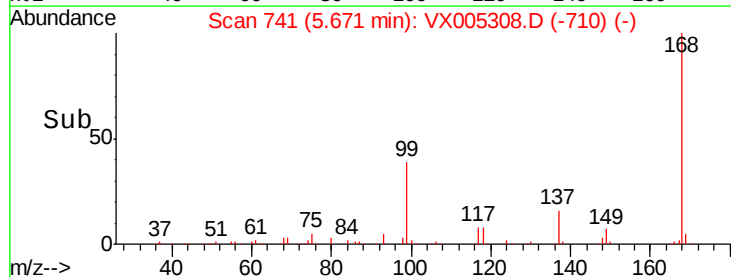
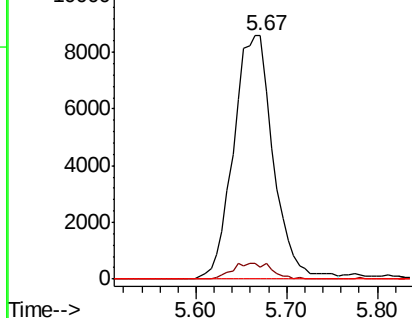


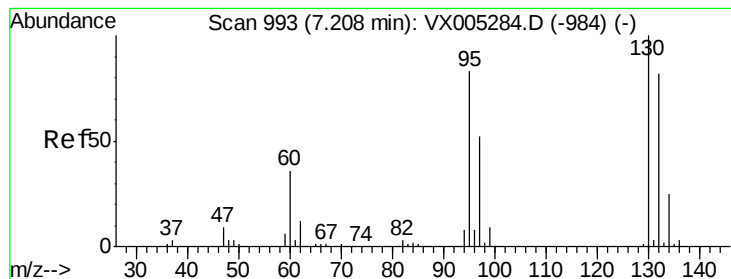
#38
 Carbon Tetrachloride
 Concen: 7.138 ug/l
 RT: 5.67 min Scan# 741
 Delta R.T. -0.11 min
 Lab File: VX005308.D
 Acq: 12 Oct 2018 22:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.8	118.2#
121	0.0	24.9	37.3#



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





#44

Trichloroethene

Concen: Below Cal

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005308.D

Acq: 12 Oct 2018 22:44

Instrument :

MSVOA_X

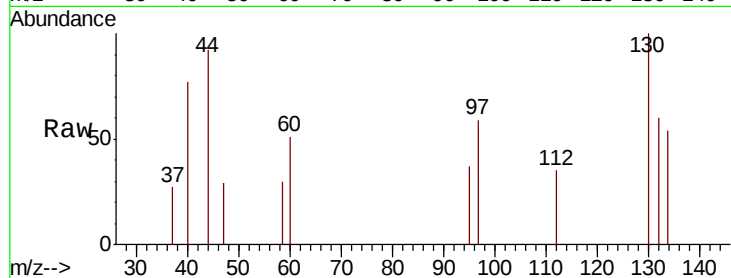
ClientSampleId :

Tot Ion:130 Resp: 365

Ion Ratio Lower Upper

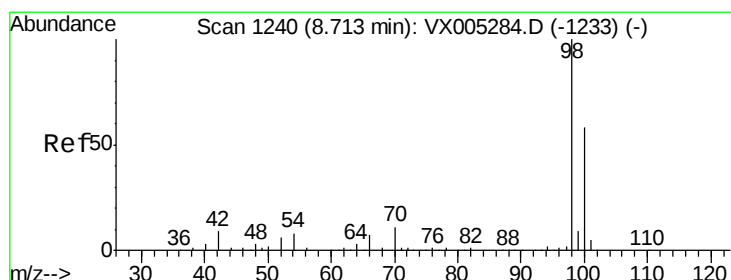
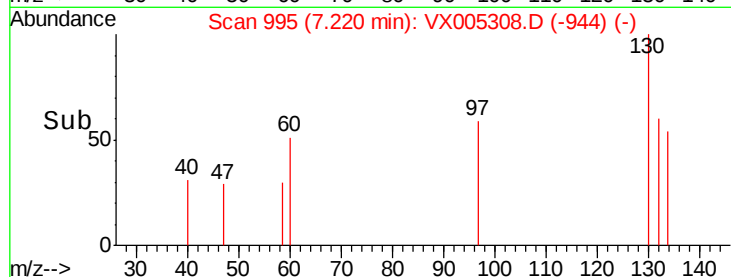
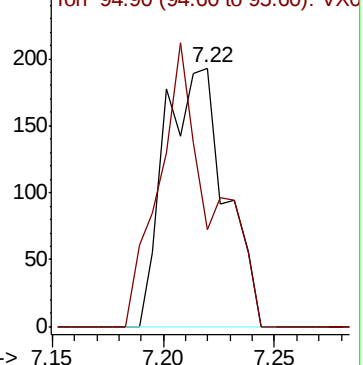
130 100

95 37.3 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 53.152 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005308.D

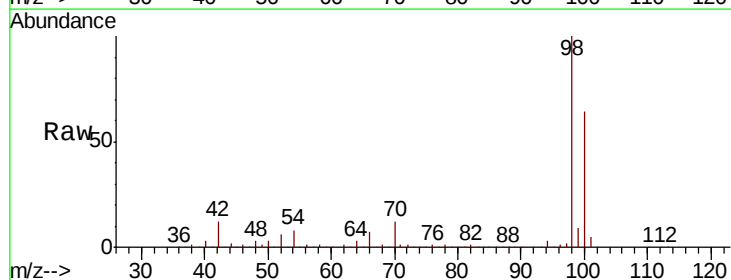
Acq: 12 Oct 2018 22:44

Tgt Ion: 98 Resp: 454378

Ion Ratio Lower Upper

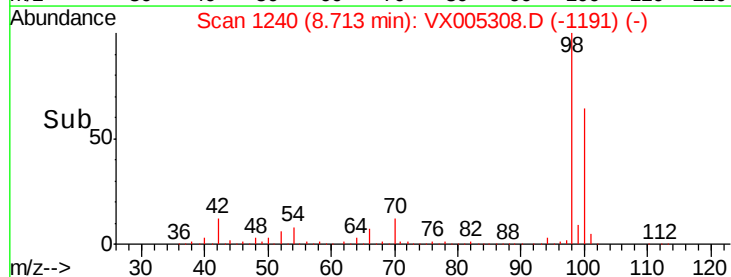
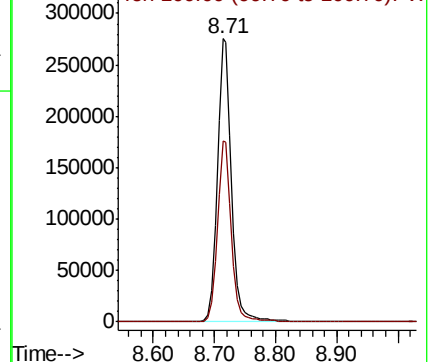
98 100

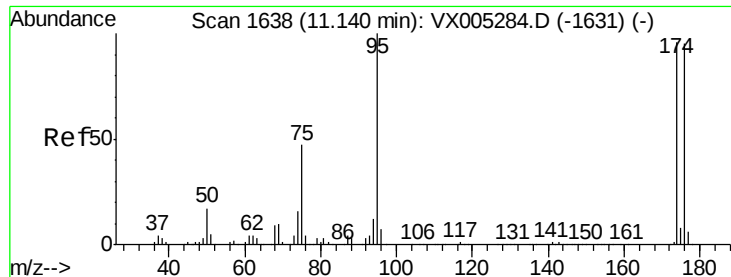
100 63.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.240 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005308.D

Acq: 12 Oct 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

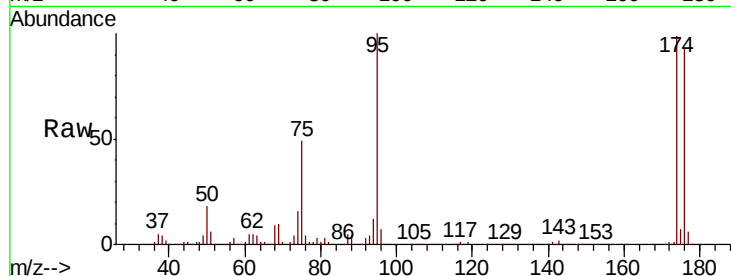
Tot Ion: 95 Resp: 148498

Ion Ratio Lower Upper

95 100

174 96.3 0.0 185.2

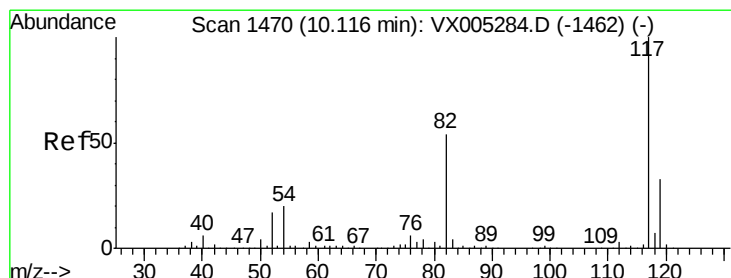
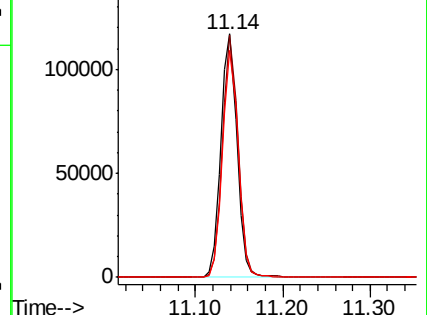
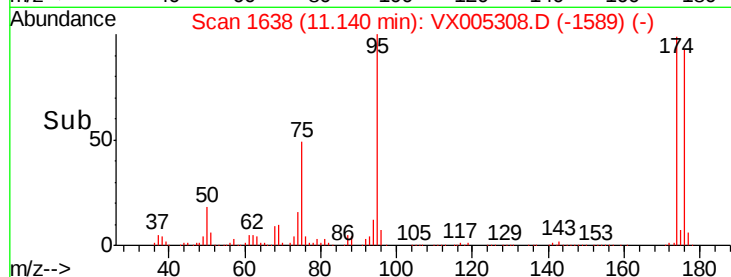
176 91.3 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX005308.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005308.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005308.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005308.D

Acq: 12 Oct 2018 22:44

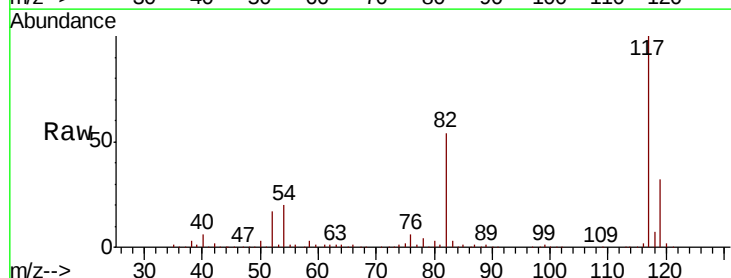
Tgt Ion: 117 Resp: 341538

Ion Ratio Lower Upper

117 100

82 53.9 47.8 71.6

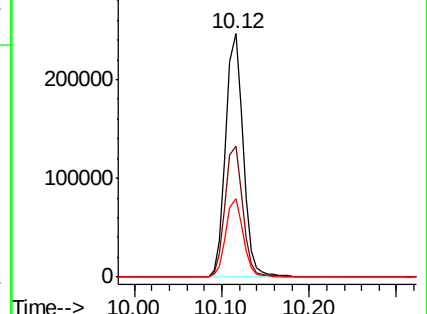
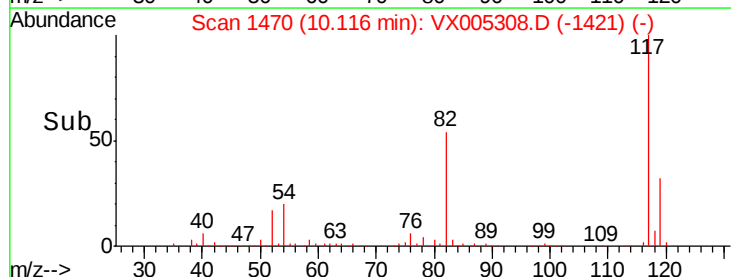
119 32.3 29.3 43.9

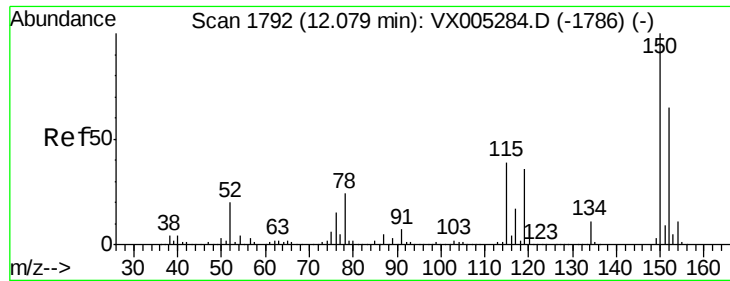


Abundance Ion 116.90 (116.60 to 117.60): VX005308.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005308.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005308.D (-1421) (-)



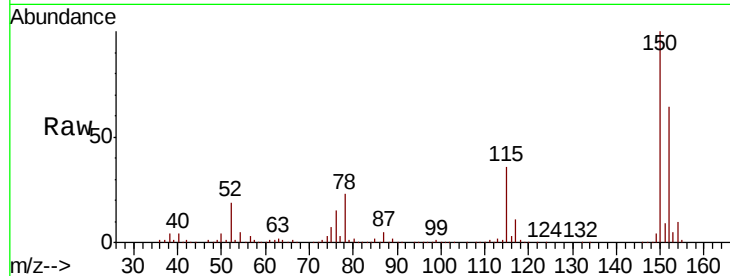


#72

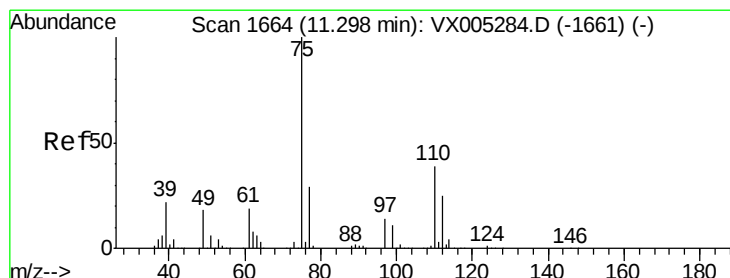
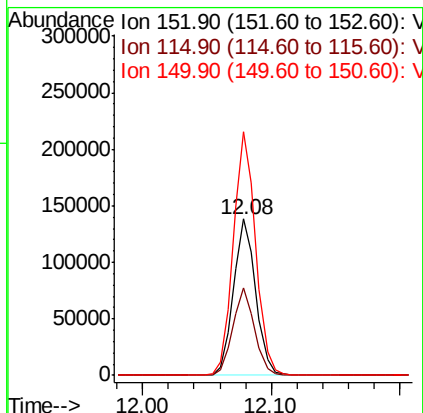
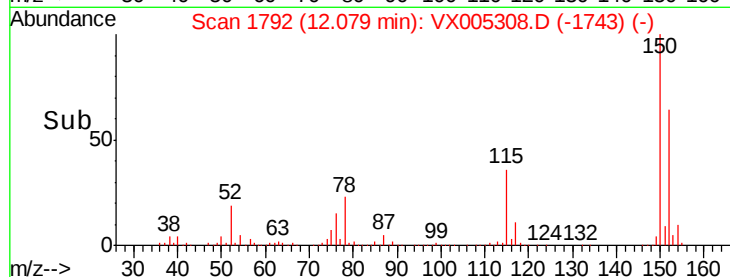
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005308.D
Acq: 12 Oct 2018 22:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:152 Resp: 167113
Ion Ratio Lower Upper
152 100
115 54.8 39.0 117.0
150 155.7 0.0 351.0



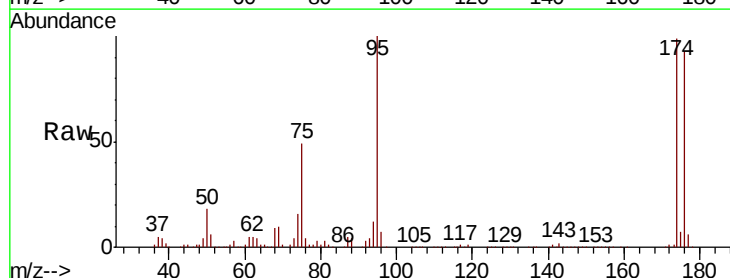
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



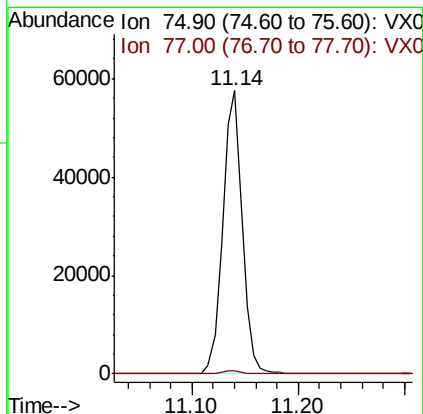
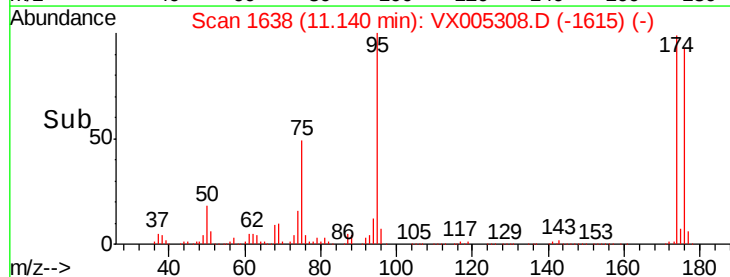
#76

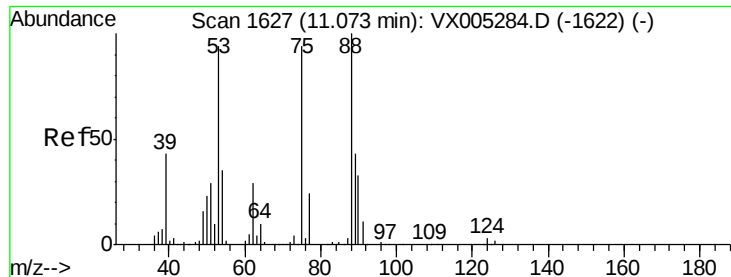
1,2,3-Trichloropropane
Concen: 22.641 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005308.D
Acq: 12 Oct 2018 22:44

Tgt Ion: 75 Resp: 73391
Ion Ratio Lower Upper
75 100
77 1.2 20.2 60.6#



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: 68.794 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005308.D

Acq: 12 Oct 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

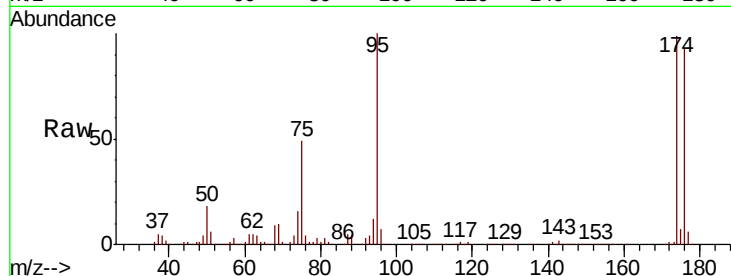
Tot Ion: 75 Resp: 73391

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

89 0.0 37.2 55.8#



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

