

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005552.D
 Acq On : 24 Oct 2018 20:06
 Operator : JC/MD
 Sample : J5655-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008

Quant Time: Oct 25 04:56:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	216259	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	309809	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134231	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	133487	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	103242	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	378007	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.14	95	125276	44.01	ug/l	0.00
Spiked Amount			Recovery	=	88.02%	

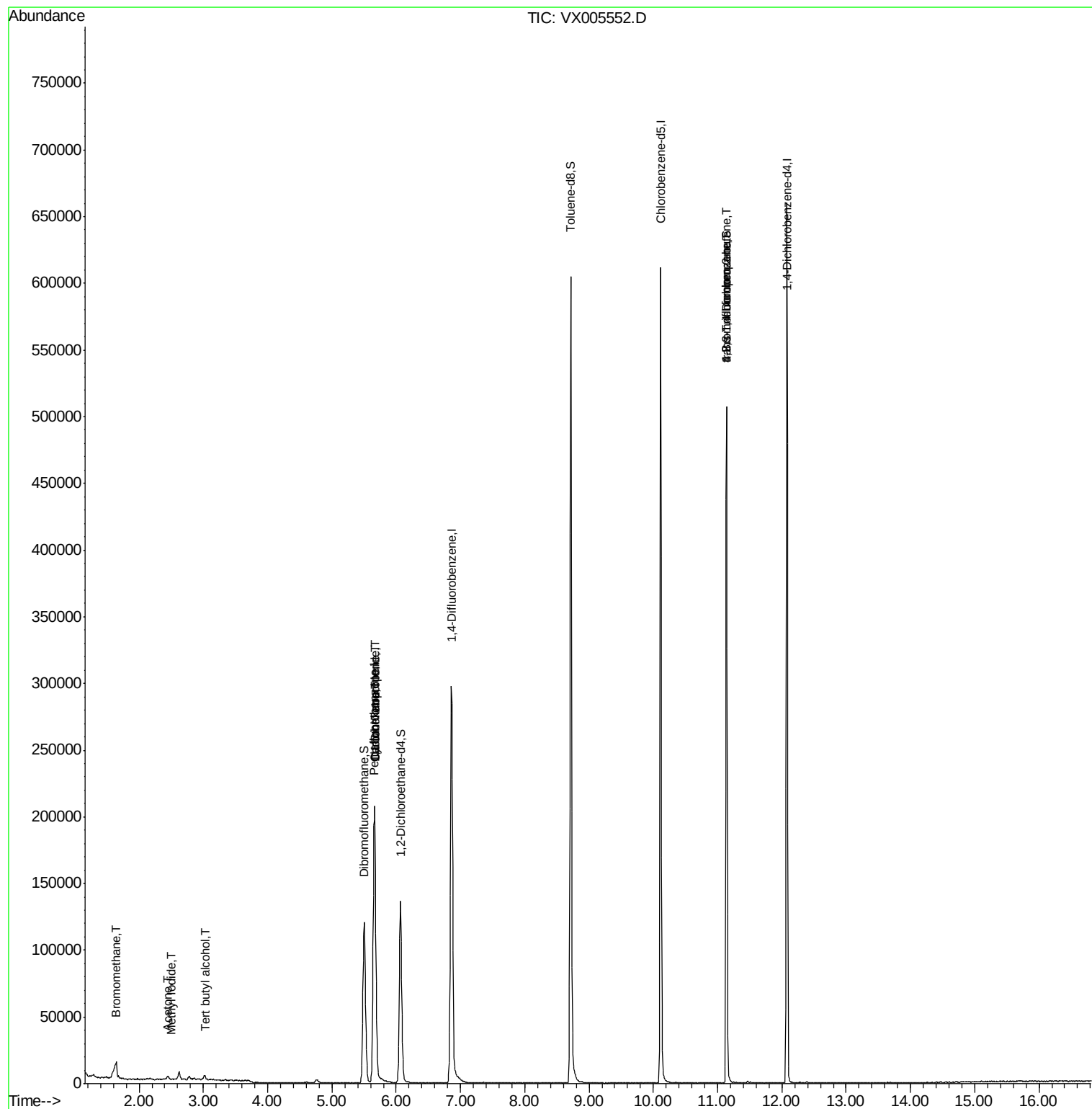
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	486	0.292	ug/l #	45
10) Methyl Iodide	2.51	142	42	2.743	ug/l #	41
11) Tert butyl alcohol	3.02	59	2072	2.917	ug/l #	84
16) Acetone	2.44	43	3211	2.302	ug/l #	83
18) Methyl Acetate	2.78	43	2844	Below Cal		96
31) Cyclohexane	5.66	56	4283	1.203	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14665	4.878	ug/l #	51
38) Carbon Tetrachloride	5.67	117	19961	6.304	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	63057	23.063	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	63057	72.446	ug/l #	10

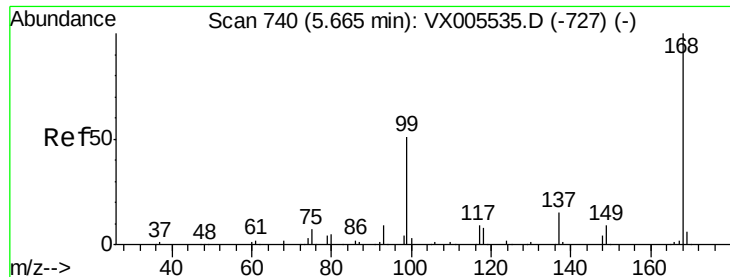
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102418\
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Quant Time: Oct 25 04:56:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX005552.D

Acq: 24 Oct 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

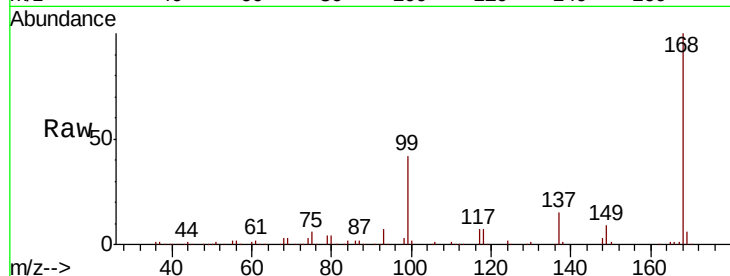
S37-0008

Tot Ion:168 Resp: 216259

Ion Ratio Lower Upper

168 100

99 41.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

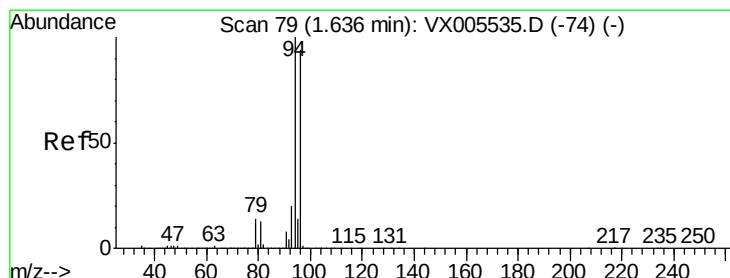
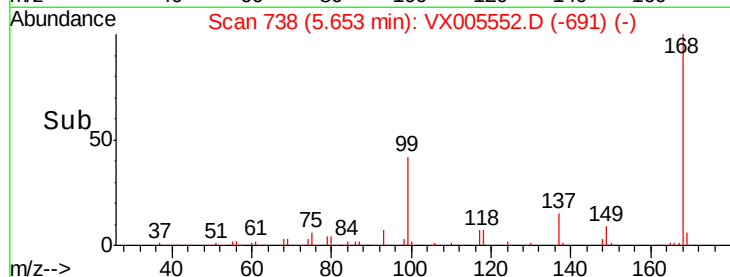
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 0.292 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005552.D

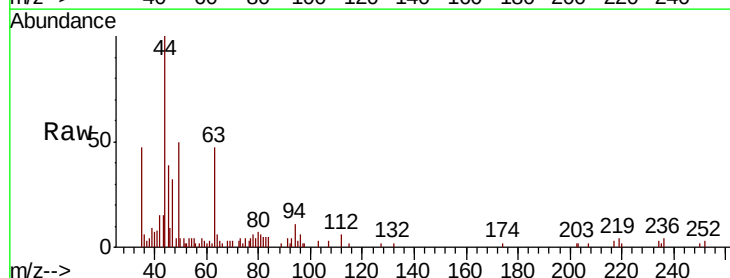
Acq: 24 Oct 2018 20:06

Tgt Ion: 94 Resp: 486

Ion Ratio Lower Upper

94 100

96 39.9 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

300

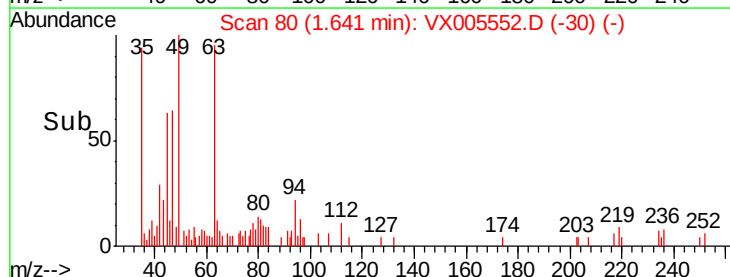
200

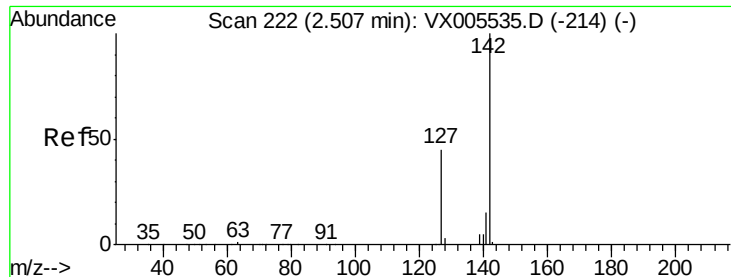
100

0

Time-->

1.60 1.65 1.70

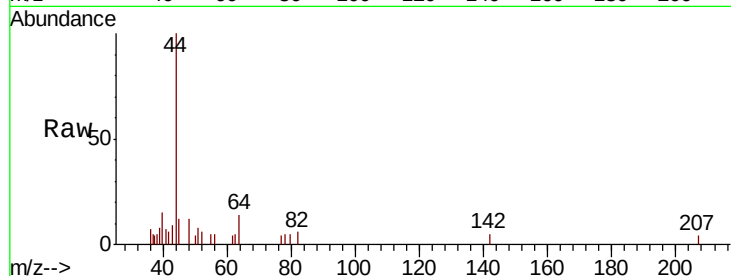




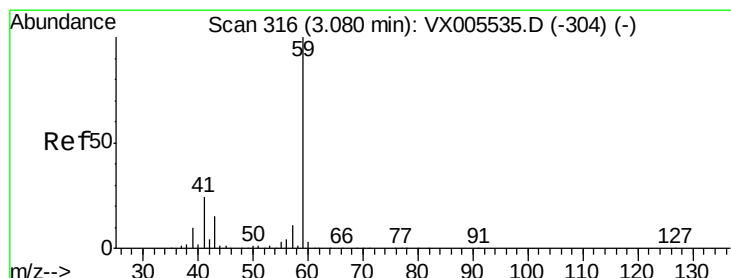
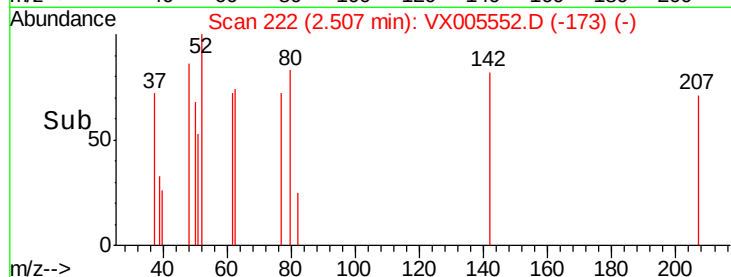
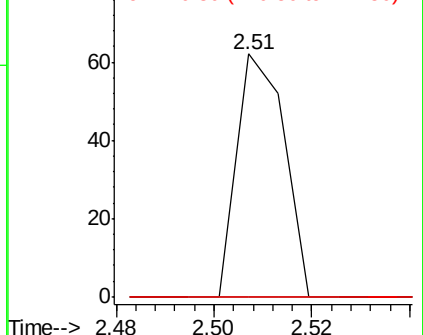
#10
Methvl Iodide
Concen: 2.743 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
S37-0008

Tot Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.8	50.6#
141	0.0	11.4	17.0#

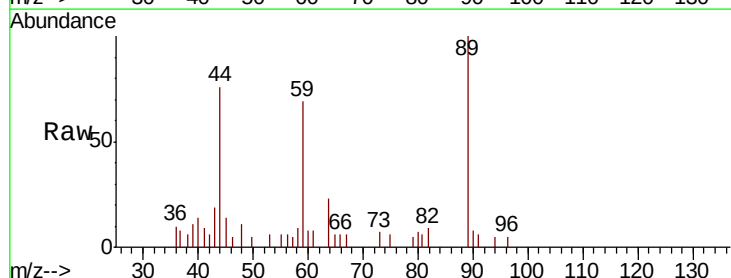


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

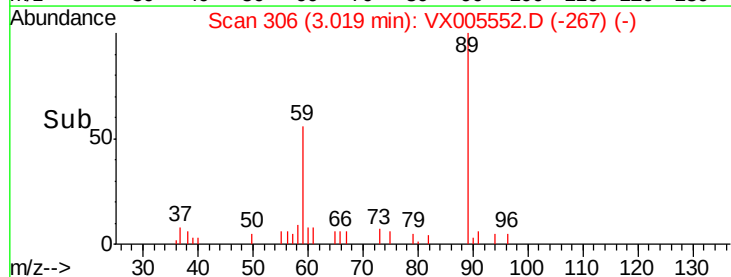
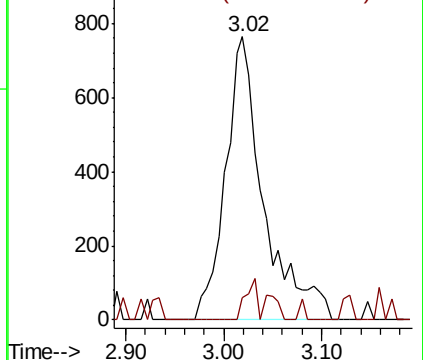


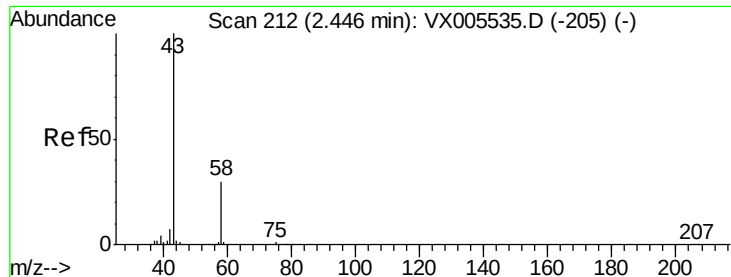
#11
Tert butyl alcohol
Concen: 2.917 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion	Ratio	Lower	Upper
59	100		
57	4.3	8.2	12.4#



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





#16

Acetone

Concen: 2.302 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005552.D

Acq: 24 Oct 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

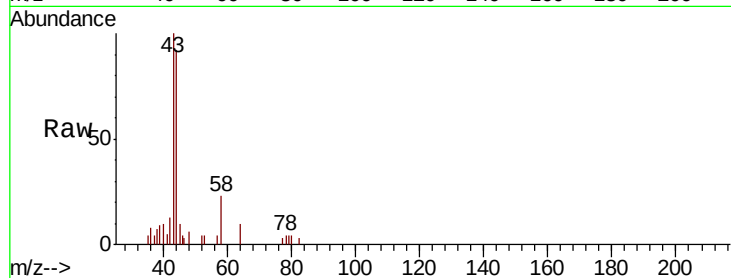
S37-0008

Tot Ion: 43 Resp: 3211

Ion Ratio Lower Upper

43 100

58 23.3 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

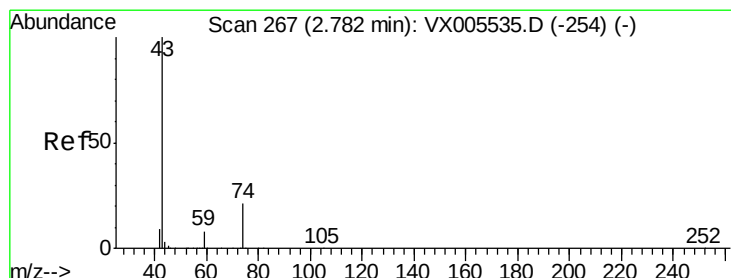
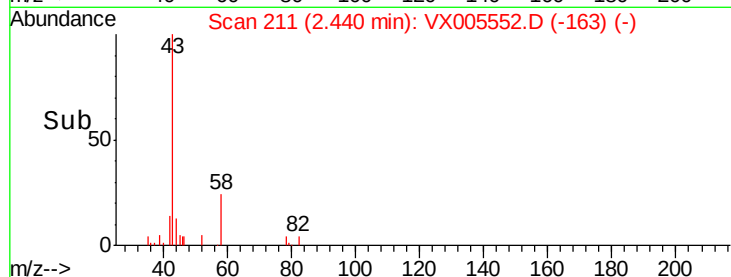
1500

1000

500

0

Time--> 2.35 2.40 2.45 2.50



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005552.D

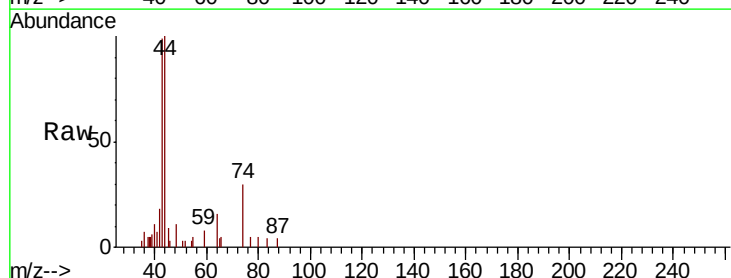
Acq: 24 Oct 2018 20:06

Tgt Ion: 43 Resp: 2844

Ion Ratio Lower Upper

43 100

74 26.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

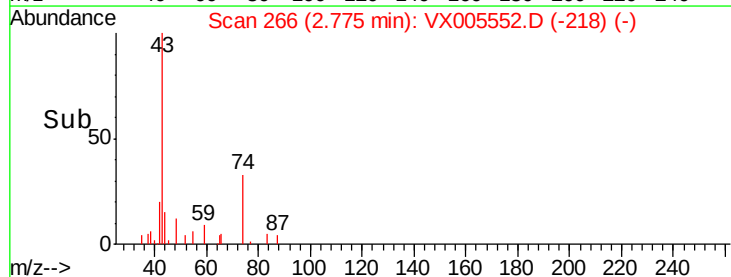
1500

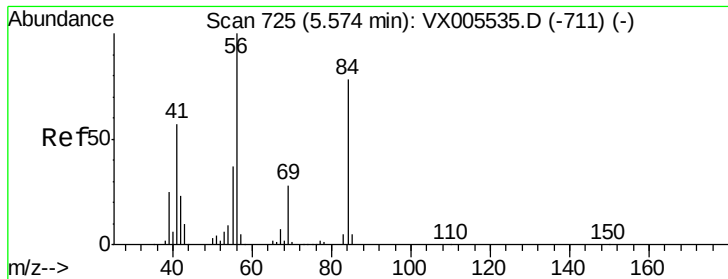
1000

500

0

Time--> 2.70 2.75 2.80 2.85

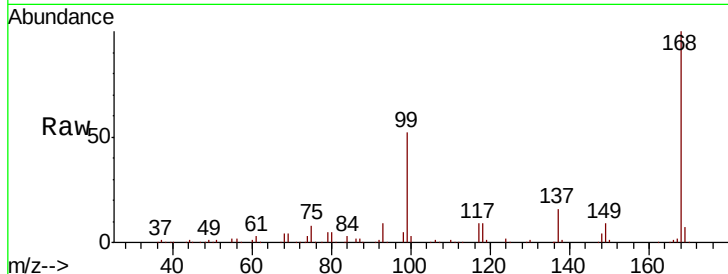




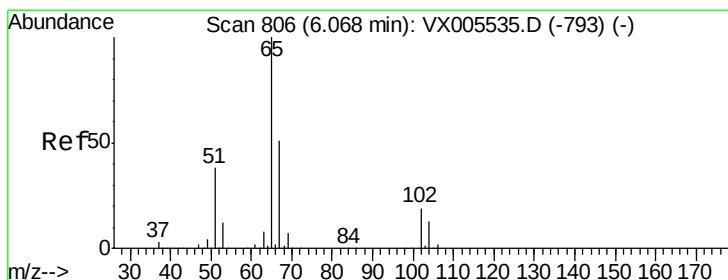
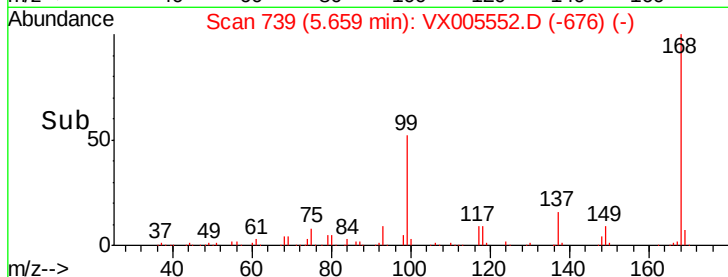
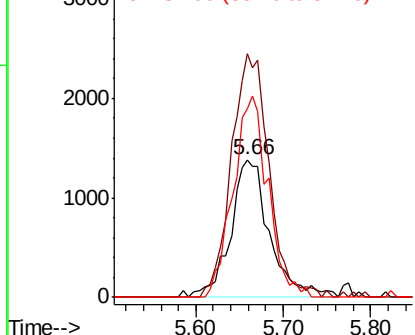
#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
S37-0008

Tot Ion: 56 Resp: 4283
Ion Ratio Lower Upper
56 100
69 176.8 25.4 38.2#
84 136.7 71.4 107.2#

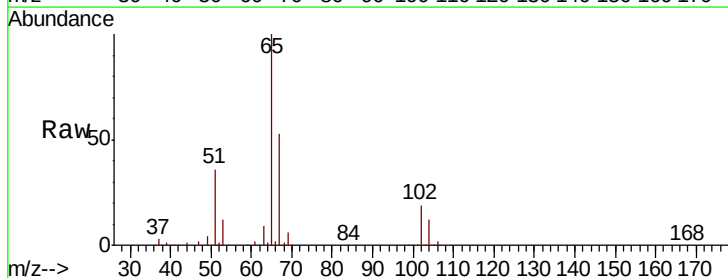


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

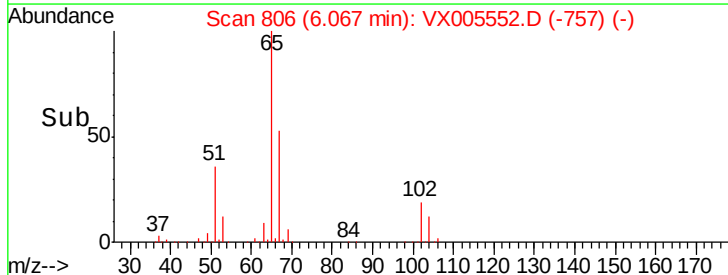
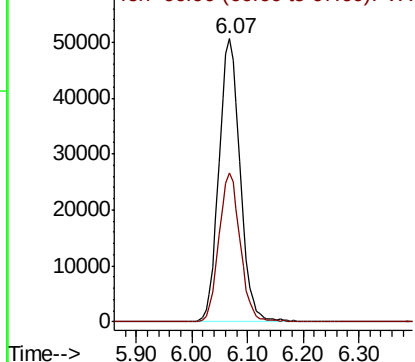


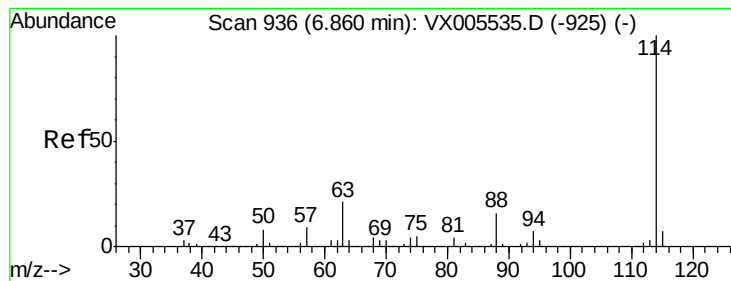
#33
1,2-Dichloroethane-d4
Concen: 50.566 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion: 65 Resp: 133487
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.8



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: VX005552.D

Acq: 24 Oct 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

S37-0008

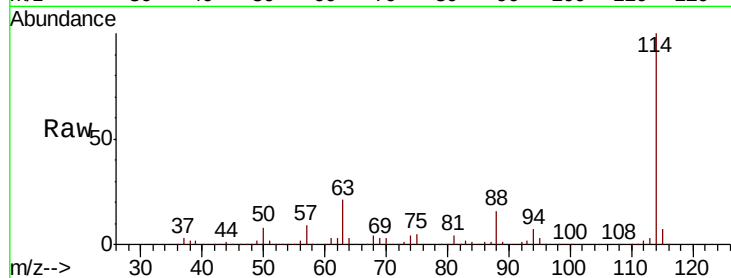
Tot Ion:114 Resp: 309809

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.0

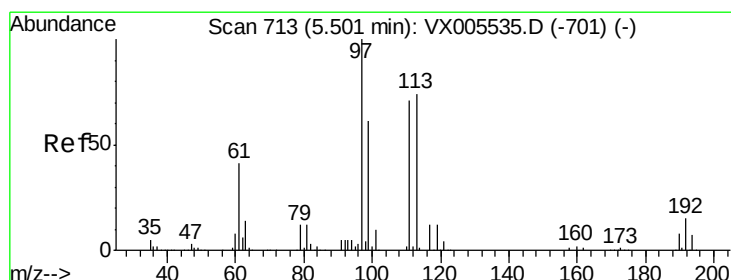
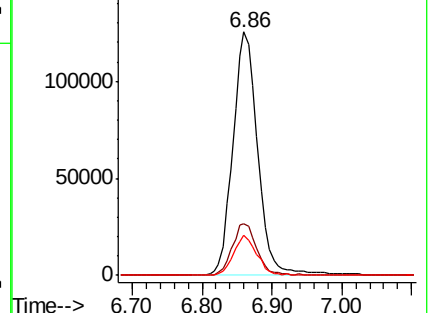
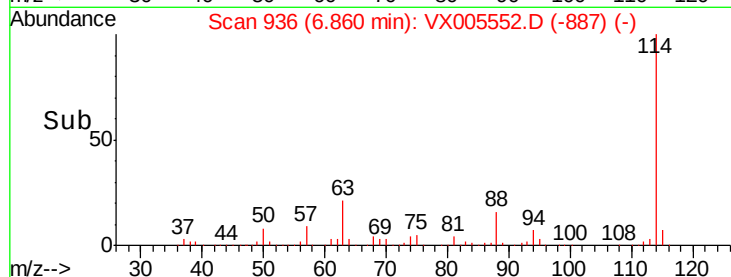
88 16.3 0.0 30.4



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: 49.215 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005552.D

Acq: 24 Oct 2018 20:06

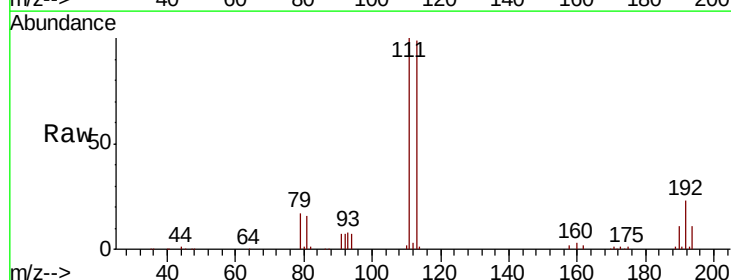
Tgt Ion:113 Resp: 103242

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

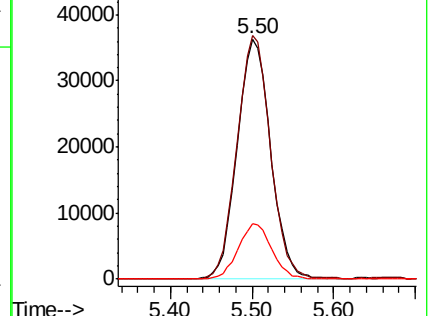
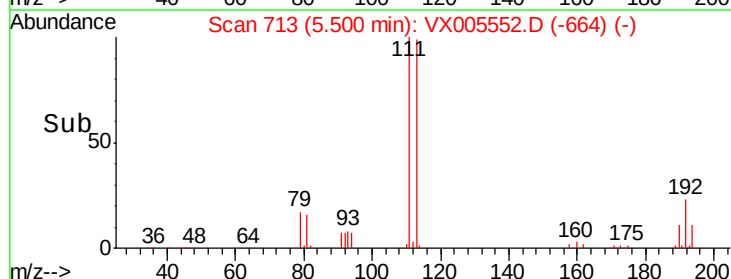
192 23.0 19.4 29.2

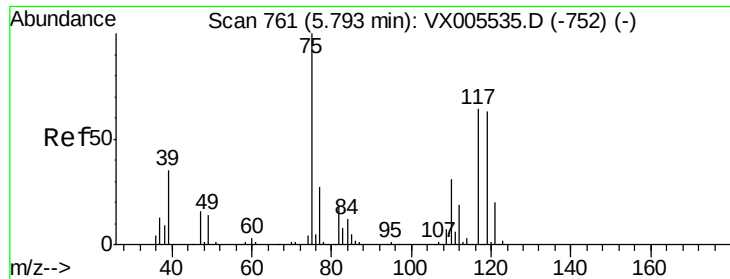


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

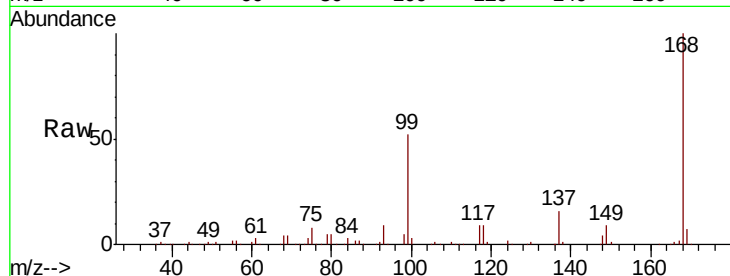




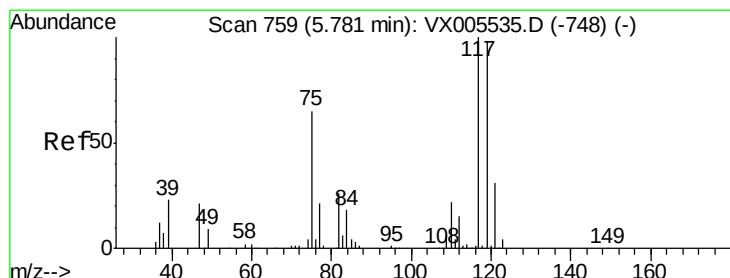
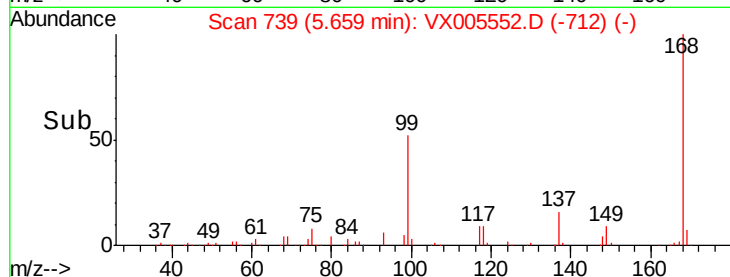
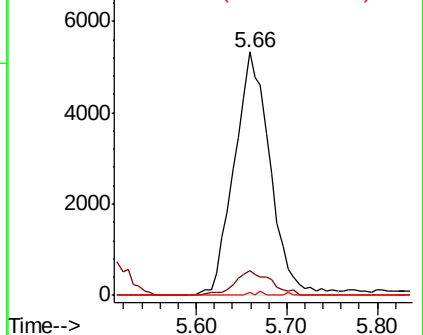
#36
 1,1-Dichloropropene
 Concen: 4.878 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX005552.D
 Acq: 24 Oct 2018 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.0	54.0#
77	0.4	24.6	36.8#

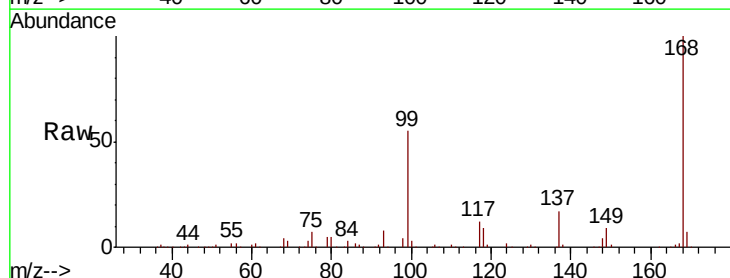


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

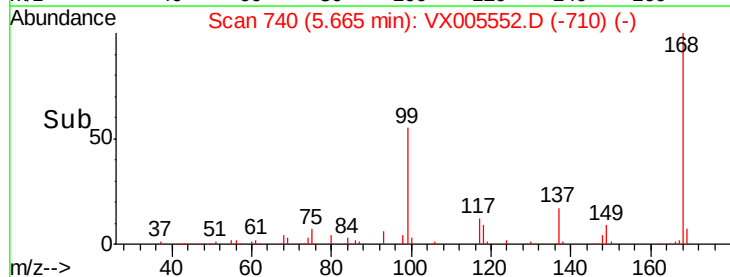
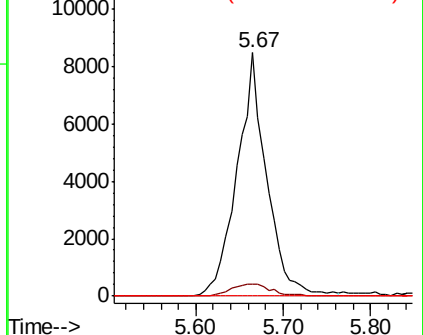


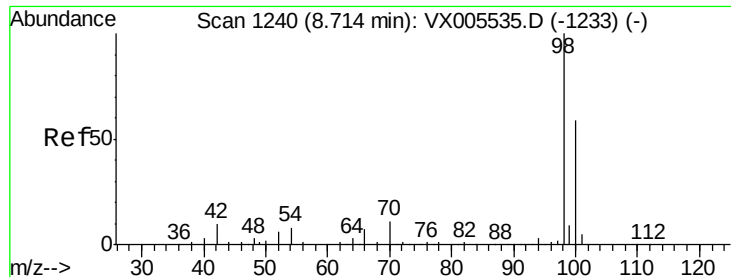
#38
 Carbon Tetrachloride
 Concen: 6.304 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX005552.D
 Acq: 24 Oct 2018 20:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	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





#50

Toluene-d8

Concen: 50.149 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005552.D

Acq: 24 Oct 2018 20:06

Instrument :

MSVOA_X

ClientSampled :

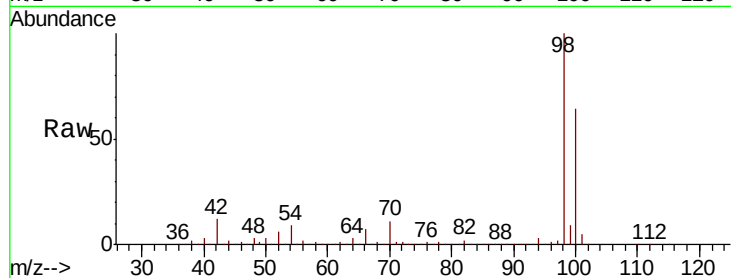
S37-0008

Tot Ion: 98 Resp: 378007

Ion Ratio Lower Upper

98 100

100 63.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

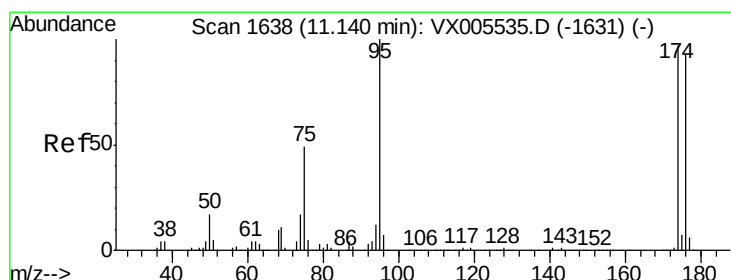
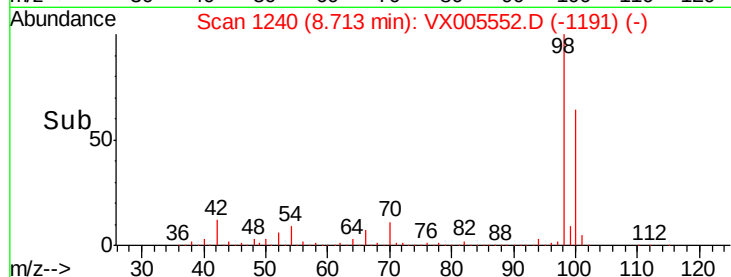
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.009 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005552.D

Acq: 24 Oct 2018 20:06

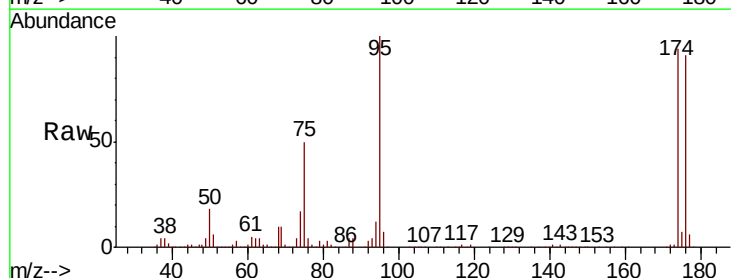
Tgt Ion: 95 Resp: 125276

Ion Ratio Lower Upper

95 100

174 91.9 0.0 185.2

176 88.7 0.0 178.6



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

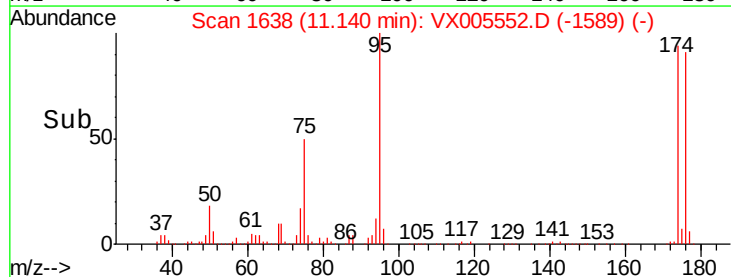
11.14

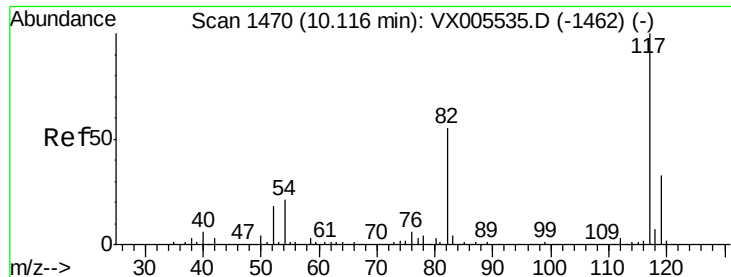
100000

50000

0

Time-->

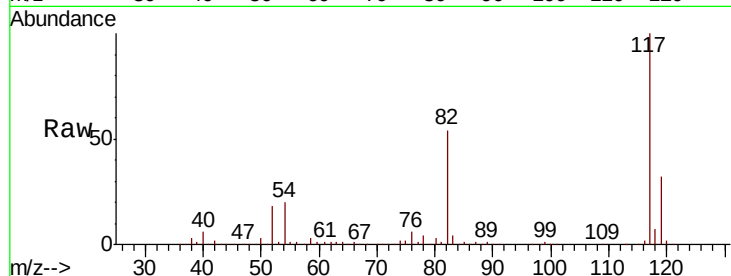




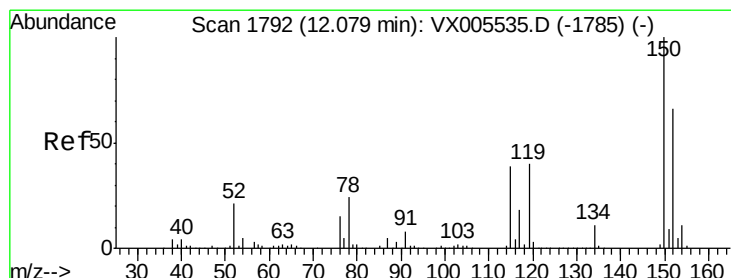
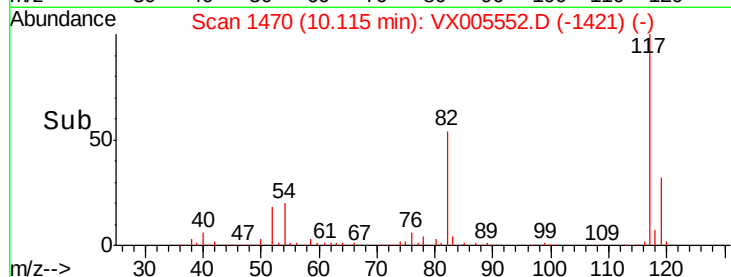
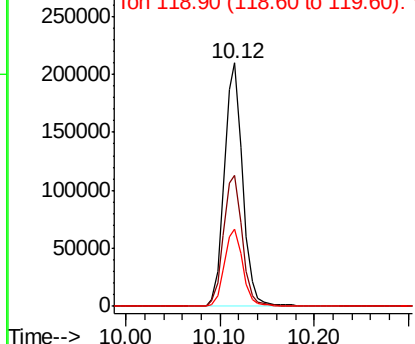
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Instrument :
MSVOA_X
ClientSampled :
S37-0008

Tot Ion:117 Resp: 283043
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 31.9 29.3 43.9

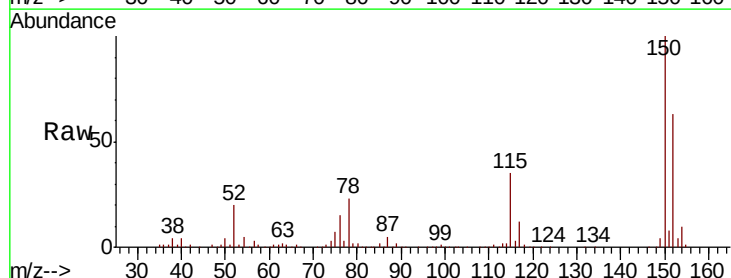


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

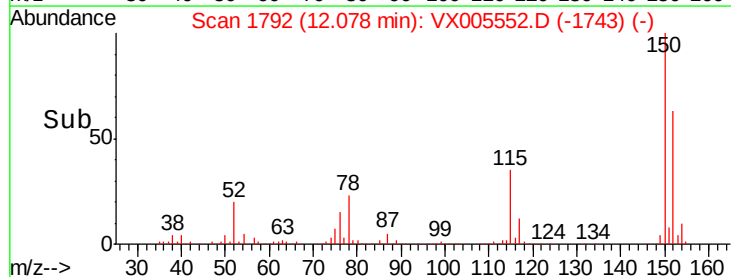
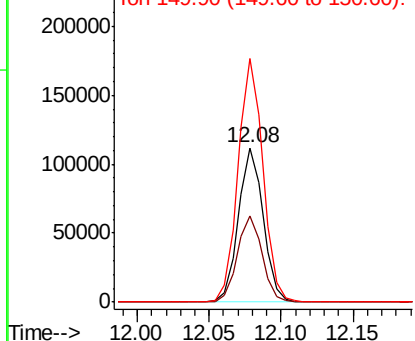


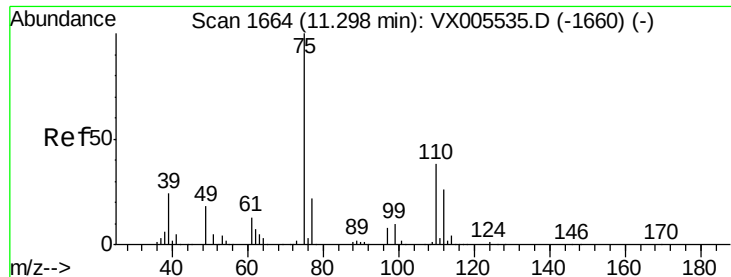
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion:152 Resp: 134231
Ion Ratio Lower Upper
152 100
115 56.0 39.0 117.0
150 158.0 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: 23.063 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005552.D

Acq: 24 Oct 2018 20:06

Instrument :

MSVOA_X

ClientSampled :

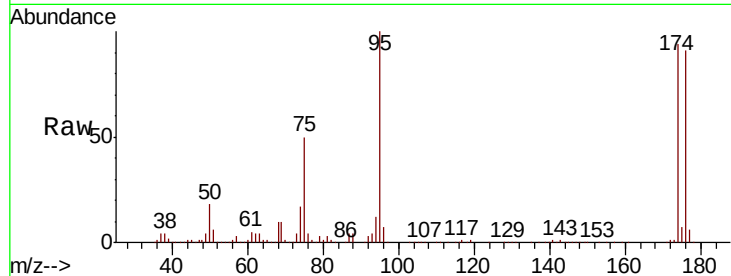
S37-0008

Tot Ion: 75 Resp: 63057

Ion Ratio Lower Upper

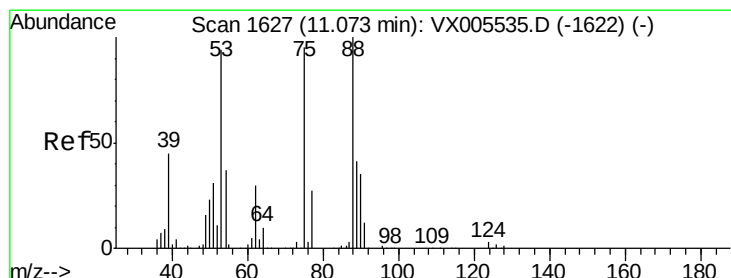
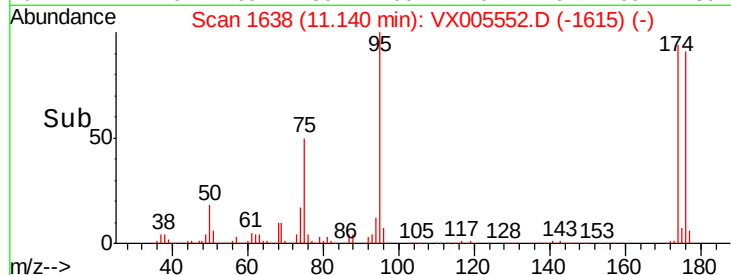
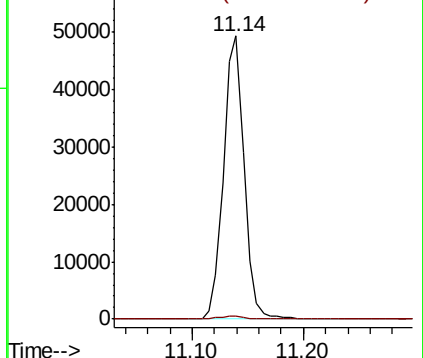
75 100

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: 72.446 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005552.D

Acq: 24 Oct 2018 20:06

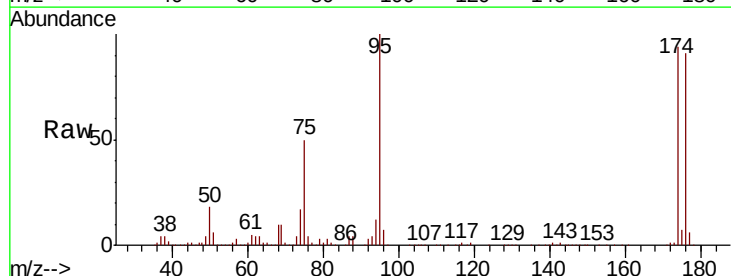
Tgt Ion: 75 Resp: 63057

Ion Ratio Lower Upper

75 100

53 0.3 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

