

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005924.D
 Acq On : 13 Nov 2018 02:39
 Operator : JC/MD
 Sample : J5899-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0147

Quant Time: Nov 13 04:48:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	105561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	152124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	135672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	65096	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	66241	54.58	ug/l	0.00
Spiked Amount			Recovery	=	109.16%	
35) Dibromofluoromethane	5.50	113	53713	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
50) Toluene-d8	8.71	98	178567	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.14	95	60539	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	

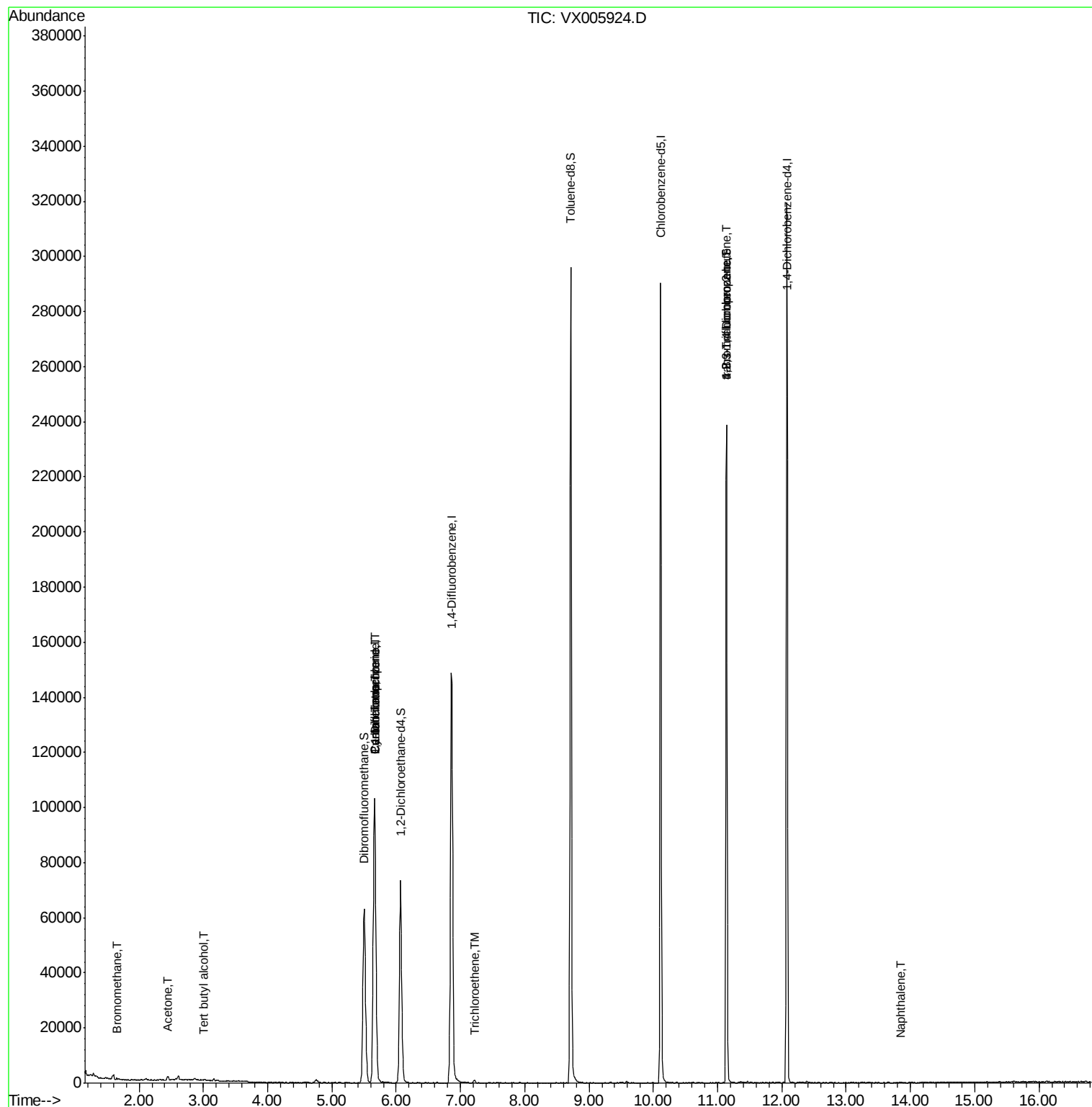
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	208	0.271	ug/l #	75
11) Tert butyl alcohol	3.01	59	326	0.938	ug/l #	72
16) Acetone	2.45	43	1489	2.279	ug/l	92
18) Methyl Acetate	2.78	43	251	Below Cal	#	55
31) Cyclohexane	5.66	56	2065	1.221	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	7311	4.985	ug/l #	49
38) Carbon Tetrachloride	5.67	117	9633	6.561	ug/l #	17
44) Trichloroethene	7.21	130	447	0.412	ug/l	86
76) 1,2,3-Trichloropropane	11.13	75	30804	23.240	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	30804	74.068	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	120	Below Cal	#	31
95) Naphthalene	13.83	128	240	1.227	ug/l #	69

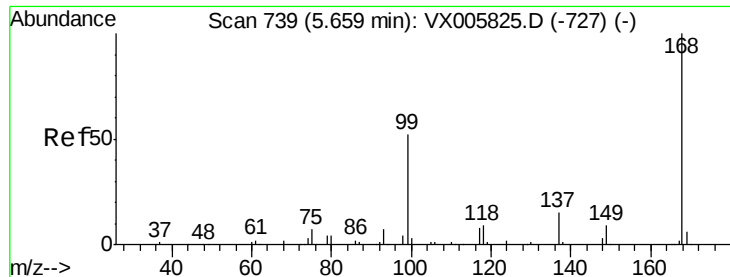
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111218\
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Acq On : 13 Nov 2018 02:39
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Quant Time: Nov 13 04:48:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005924.D

Acq: 13 Nov 2018 02:39

Instrument :

MSVOA_X

ClientSampled :

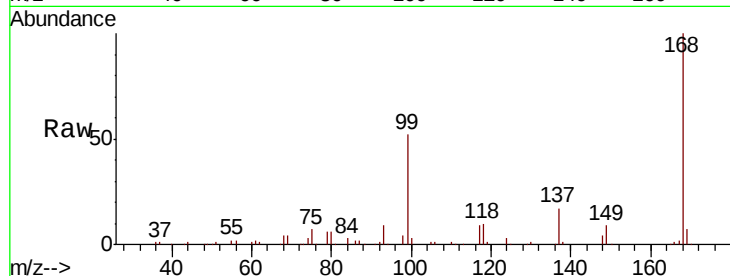
S36-0147

Tot Ion:168 Resp: 105561

Ion Ratio Lower Upper

168 100

99 51.5 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

40000

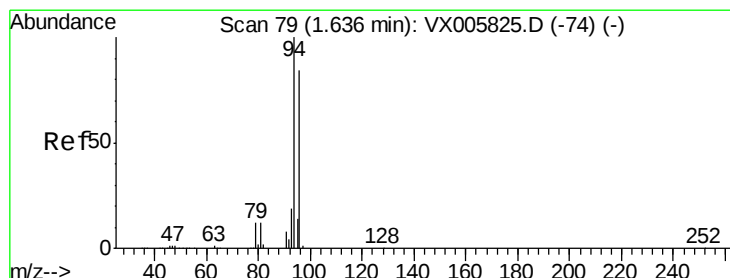
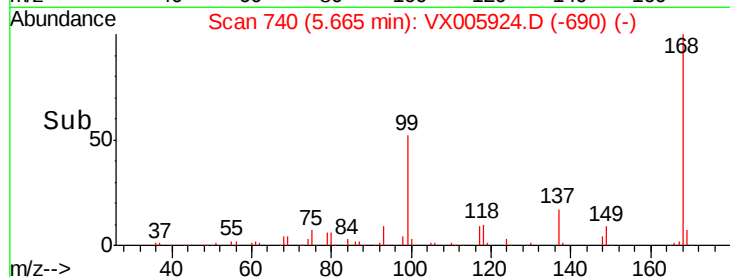
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.271 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX005924.D

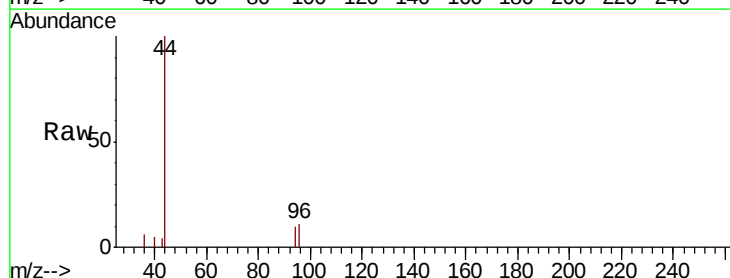
Acq: 13 Nov 2018 02:39

Tgt Ion: 94 Resp: 208

Ion Ratio Lower Upper

94 100

96 118.0 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

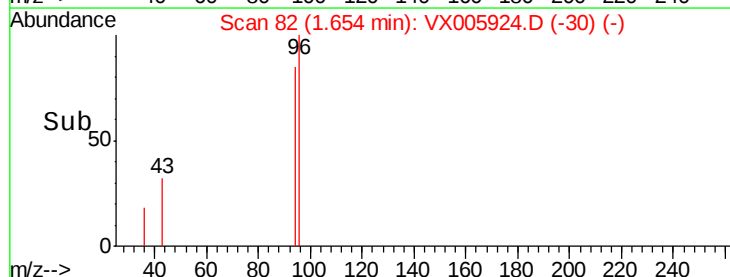
150

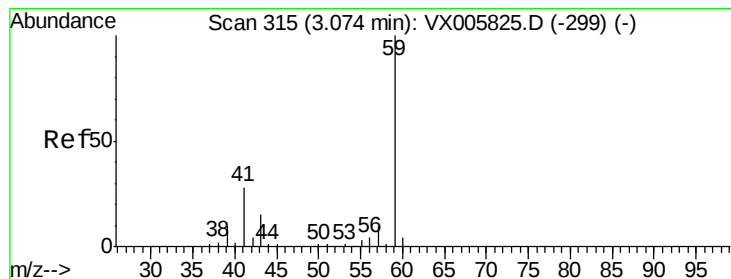
100

50

0

Time--> 1.60 1.65 1.70



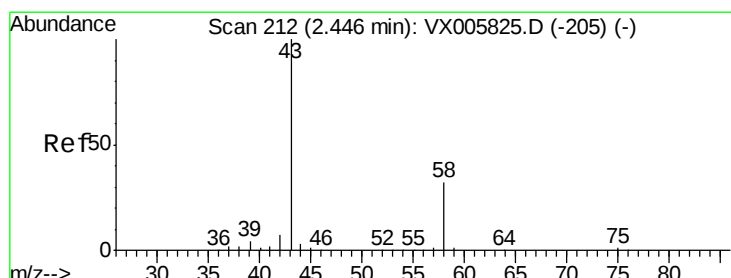
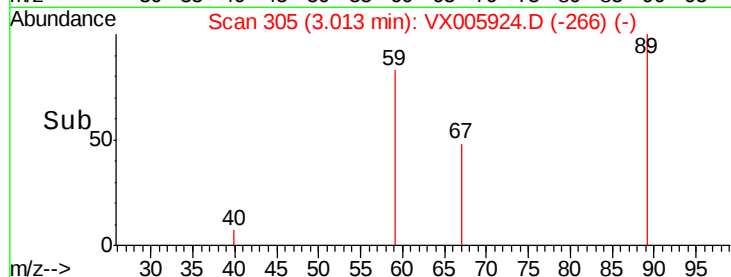
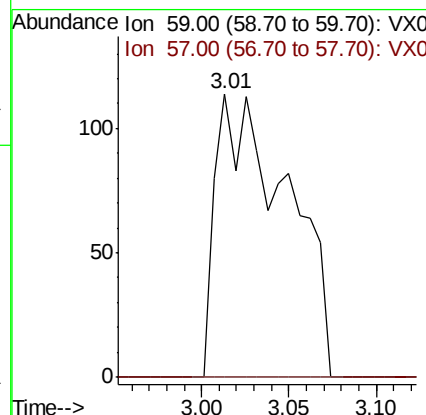
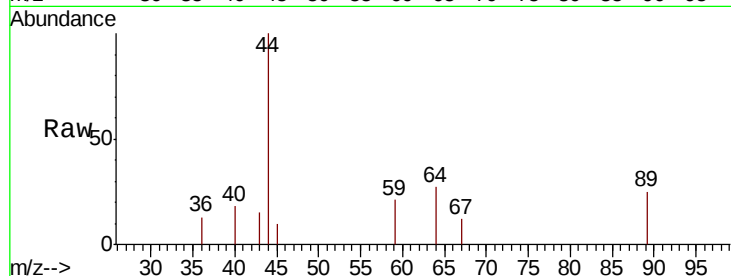


#11

Tert butyl alcohol
 Concen: 0.938 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.06 min
 Lab File: VX005924.D
 Acq: 13 Nov 2018 02:39

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0147

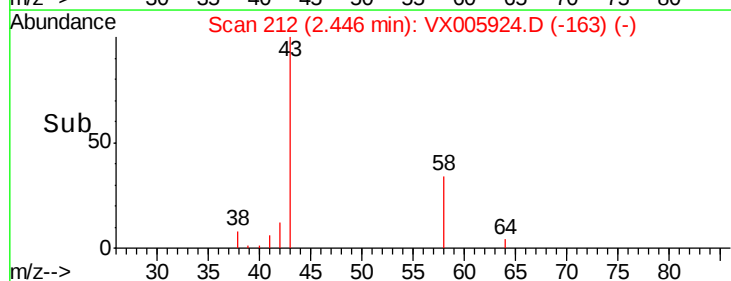
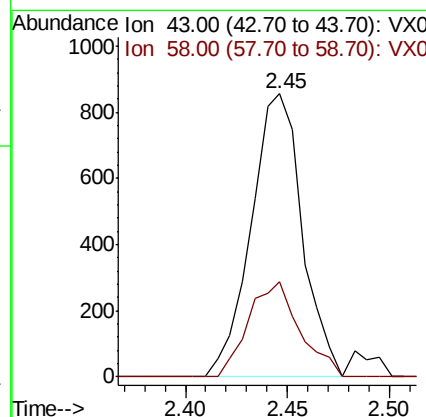
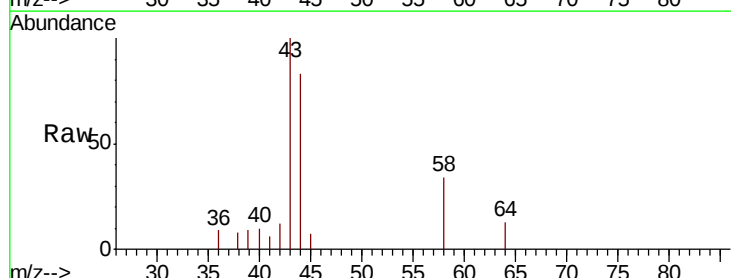
Tot Ion: 59 Resp: 326
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

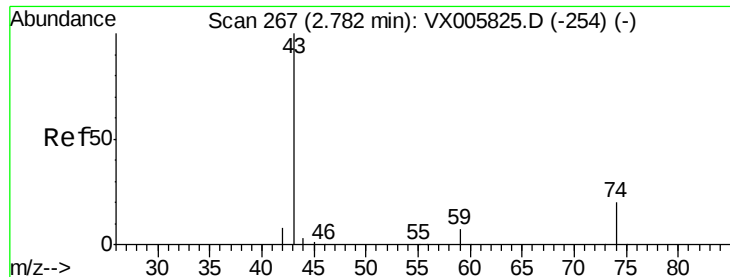


#16

Acetone
 Concen: 2.279 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005924.D
 Acq: 13 Nov 2018 02:39

Tgt Ion: 43 Resp: 1489
 Ion Ratio Lower Upper
 43 100
 58 33.8 23.8 35.6

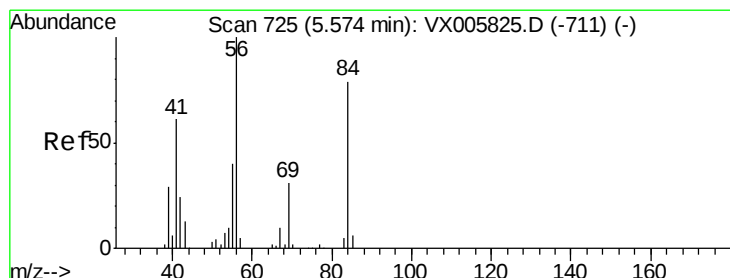
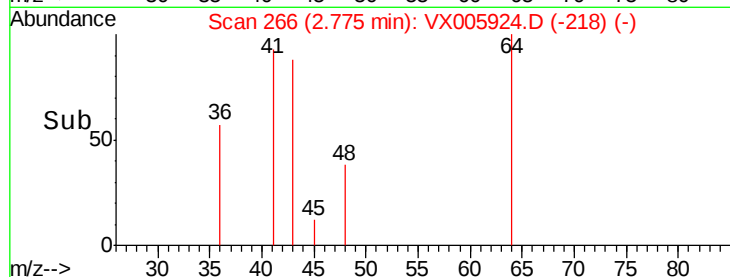
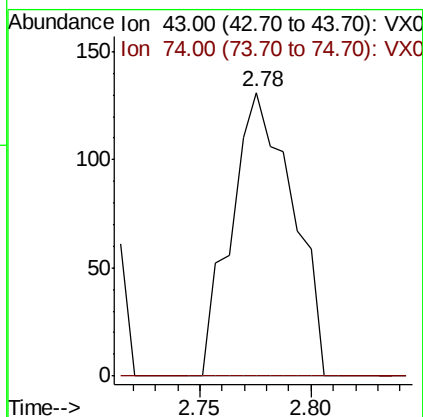
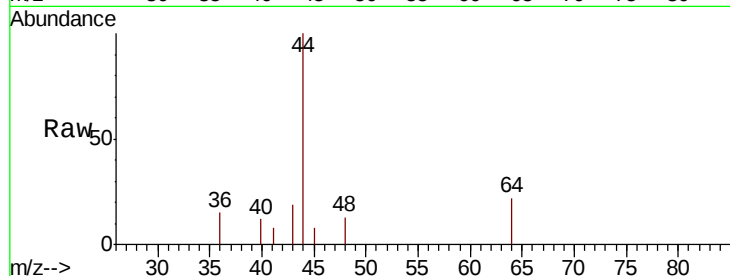




#18
Methvl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005924.D
Acq: 13 Nov 2018 02:39

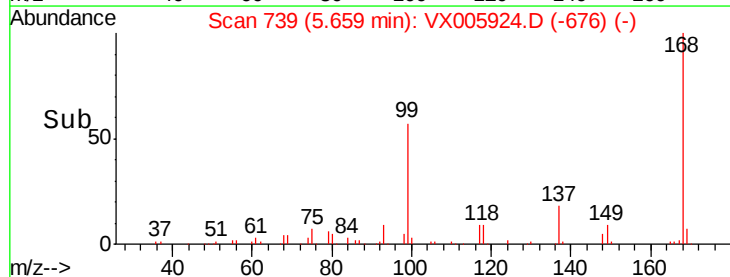
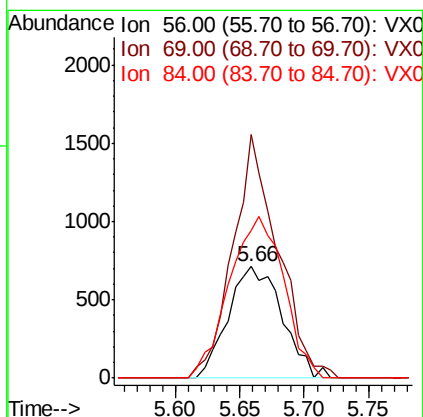
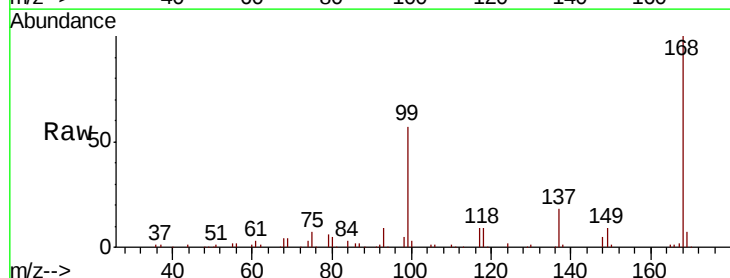
Instrument :
MSVOA_X
ClientSampleId :
S36-0147

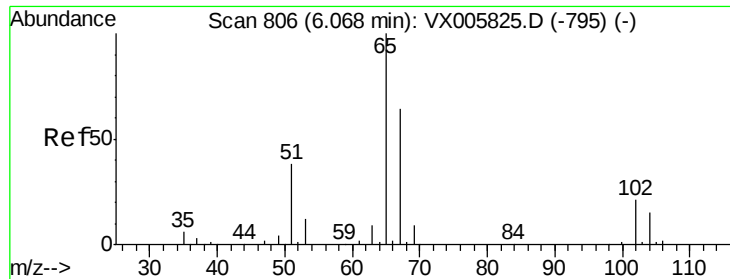
Tot Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
74 0.0 16.8 25.2#



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005924.D
Acq: 13 Nov 2018 02:39

Tgt Ion: 56 Resp: 2065
Ion Ratio Lower Upper
56 100
69 218.1 22.6 34.0#
84 131.7 62.7 94.1#

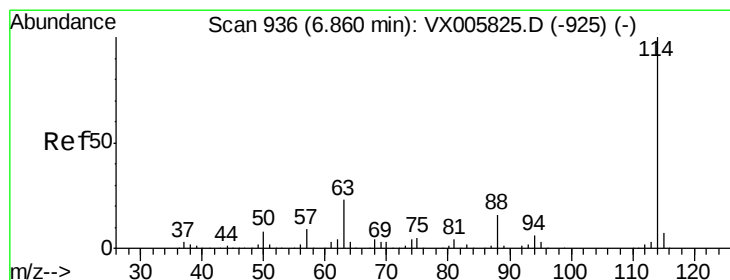
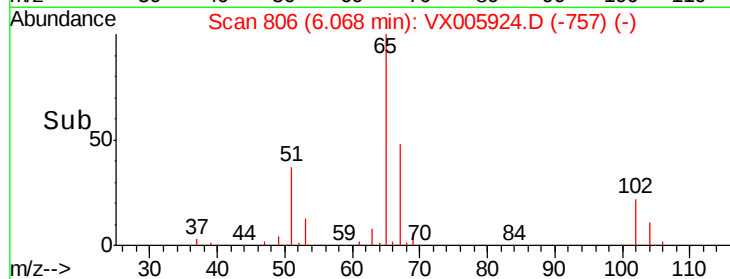
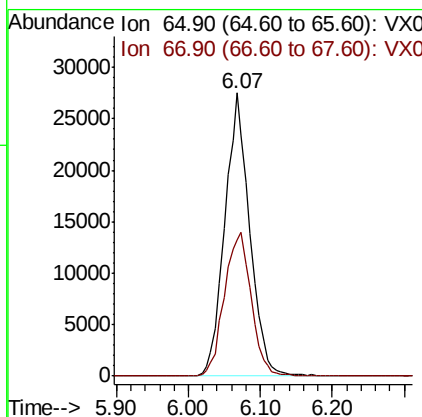
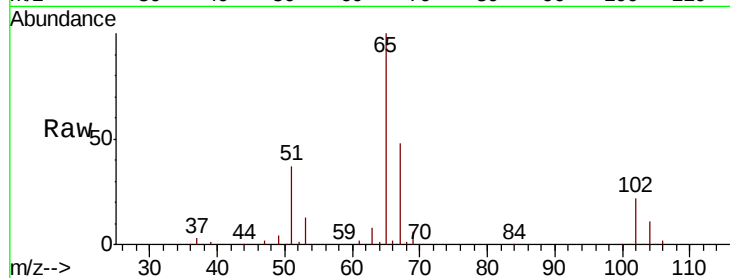




#33
 1,2-Dichloroethane-d4
 Concen: 54.584 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005924.D
 Acq: 13 Nov 2018 02:39

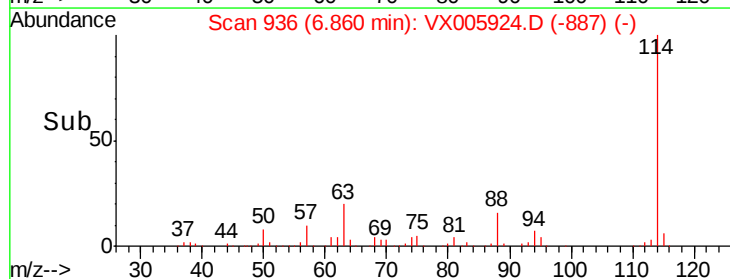
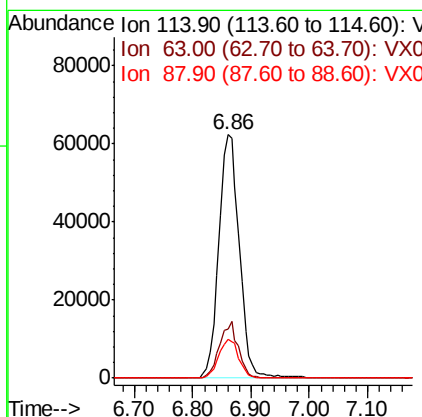
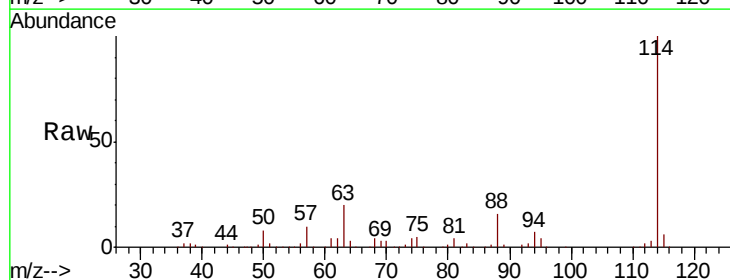
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0147

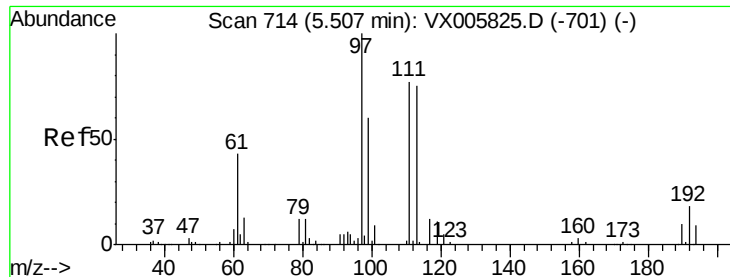
Tot Ion: 65 Resp: 66241
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005924.D
 Acq: 13 Nov 2018 02:39

Tgt Ion:114 Resp: 152124
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.8
 88 16.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.913 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005924.D

Acq: 13 Nov 2018 02:39

Instrument :

MSVOA_X

ClientSampled :

S36-0147

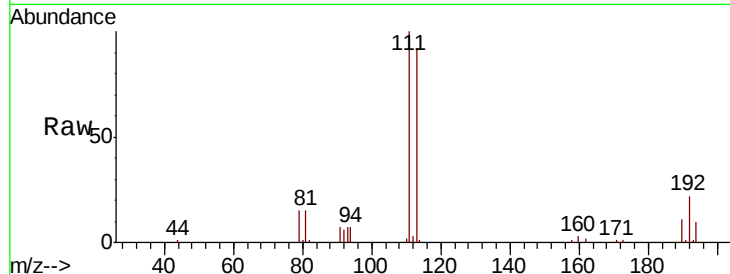
Tot Ion:113 Resp: 53713

Ion Ratio Lower Upper

113 100

111 100.9 82.3 123.5

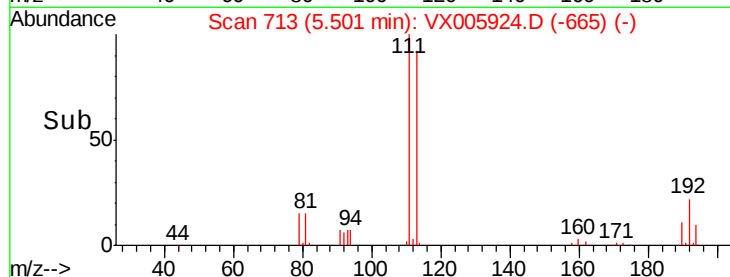
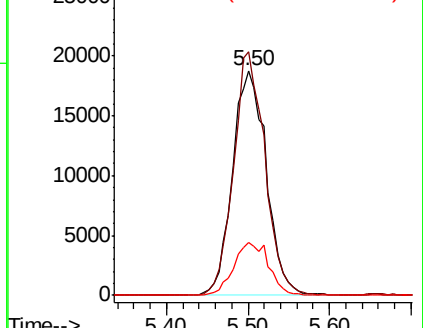
192 24.5 17.9 26.9



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: 4.985 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005924.D

Acq: 13 Nov 2018 02:39

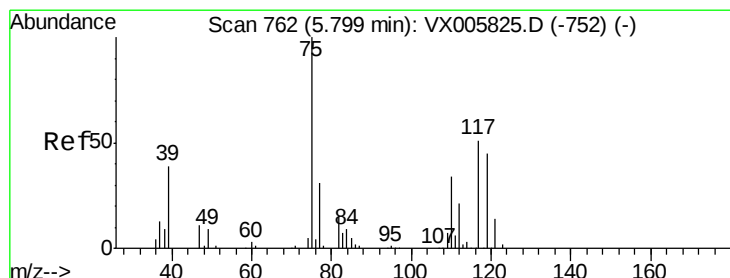
Tgt Ion: 75 Resp: 7311

Ion Ratio Lower Upper

75 100

110 9.2 17.4 52.2#

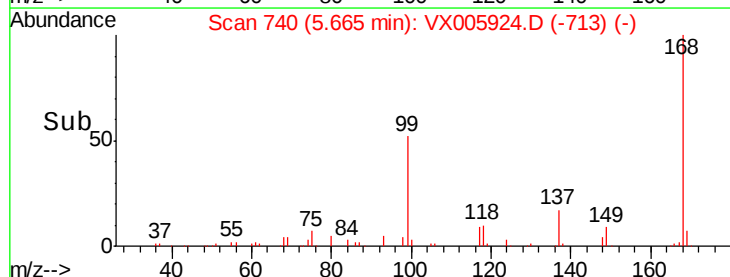
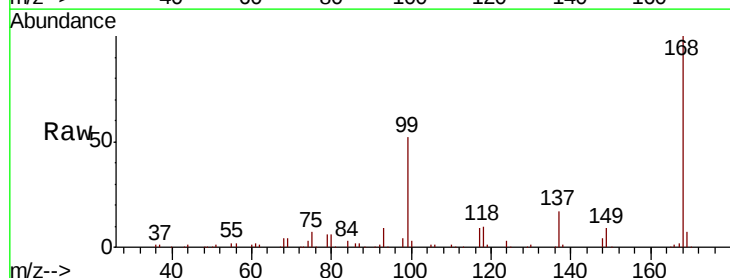
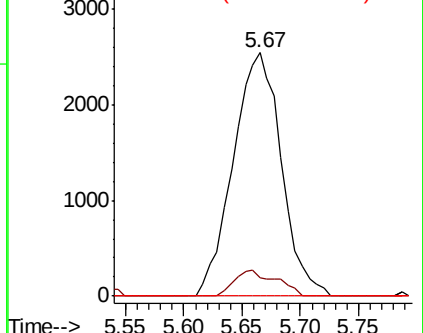
77 0.0 25.8 38.6#

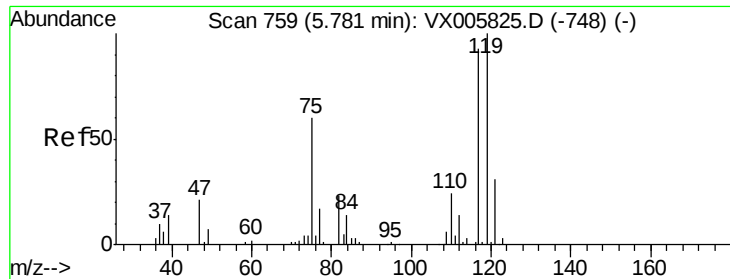


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.561 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005924.D

Acq: 13 Nov 2018 02:39

Instrument :

MSVOA_X

ClientSampled :

S36-0147

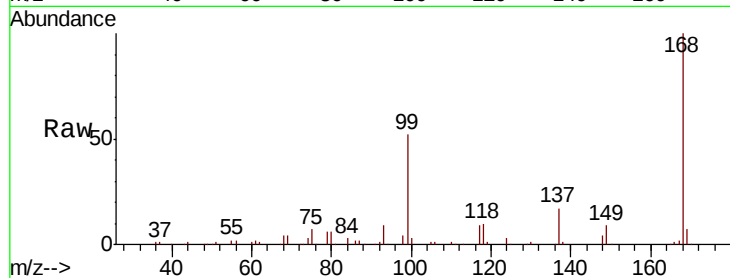
Tot Ion:117 Resp: 9633

Ion Ratio Lower Upper

117 100

119 7.0 78.1 117.1#

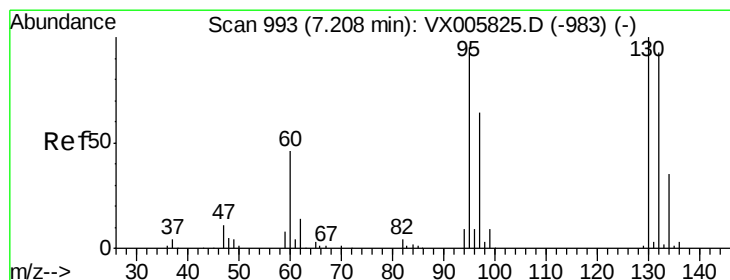
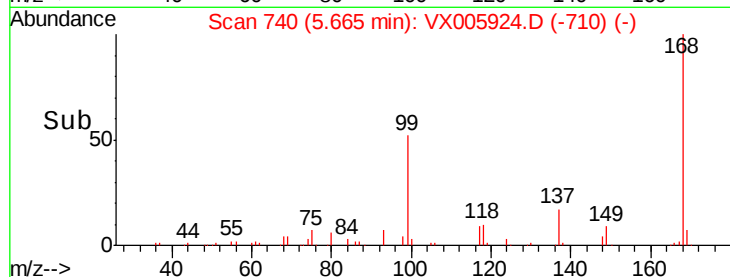
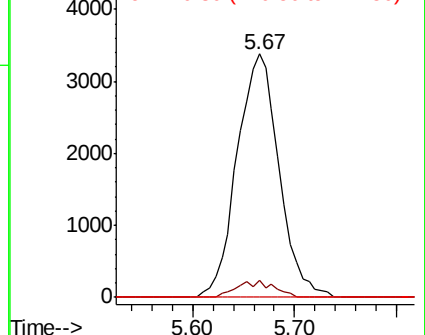
121 0.0 24.6 36.8#



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: 0.412 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX005924.D

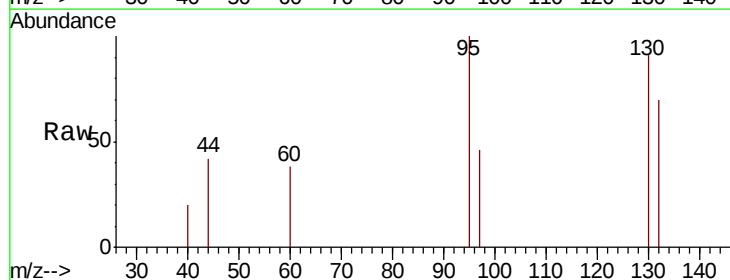
Acq: 13 Nov 2018 02:39

Tgt Ion:130 Resp: 447

Ion Ratio Lower Upper

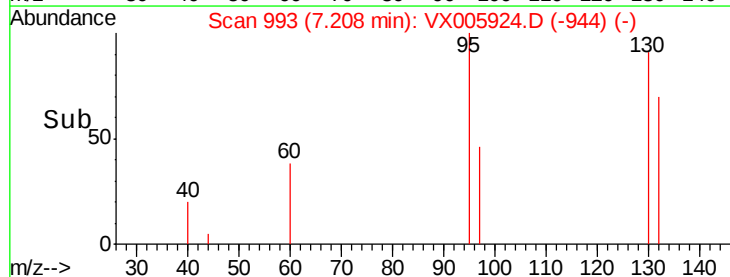
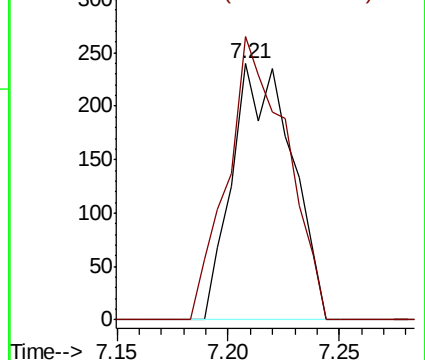
130 100

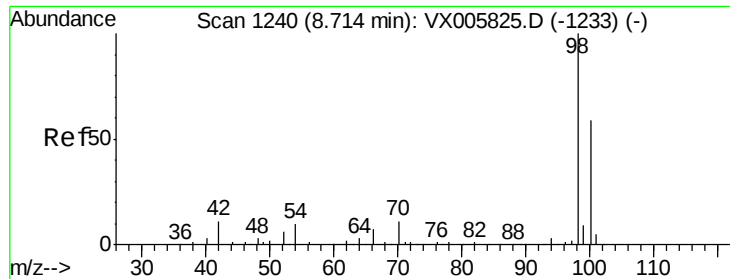
95 110.4 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.911 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005924.D

Acq: 13 Nov 2018 02:39

Instrument :

MSVOA_X

ClientSampleId :

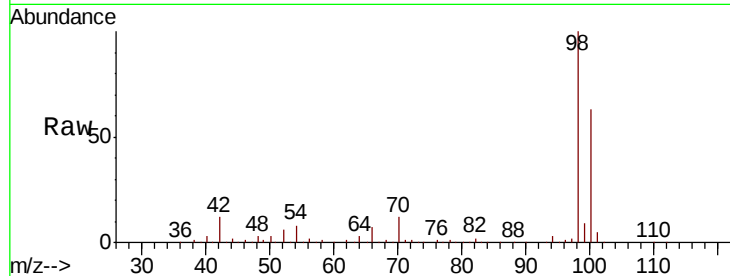
S36-0147

Tot Ion: 98 Resp: 178567

Ion Ratio Lower Upper

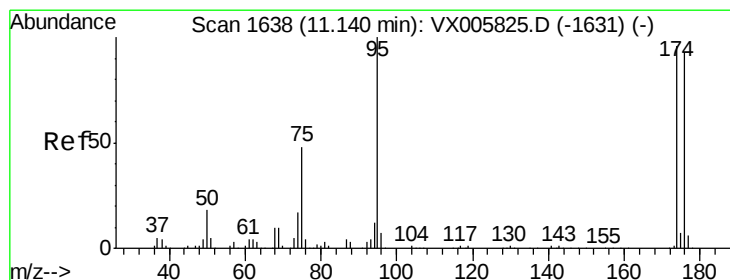
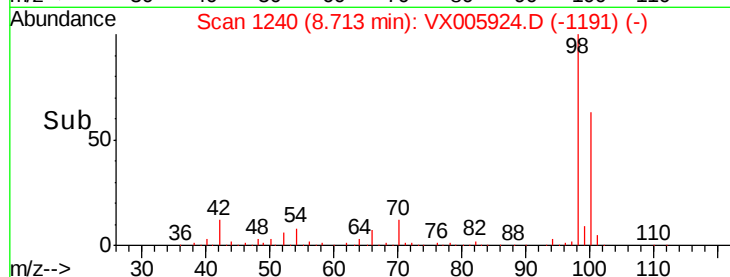
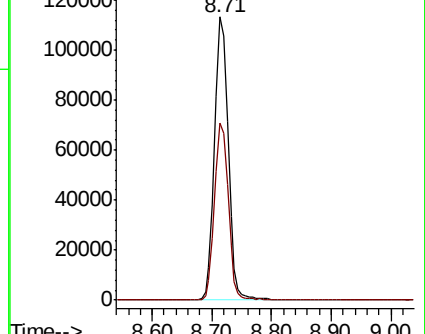
98 100

100 63.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 48.950 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005924.D

Acq: 13 Nov 2018 02:39

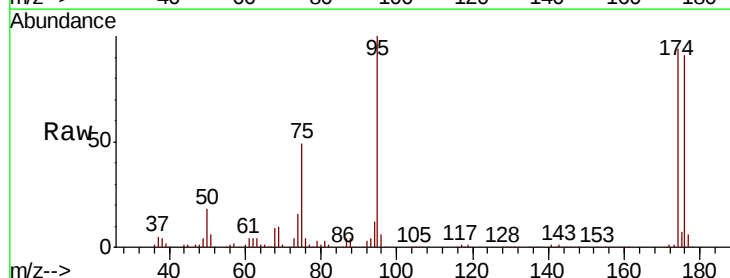
Tgt Ion: 95 Resp: 60539

Ion Ratio Lower Upper

95 100

174 92.1 0.0 184.4

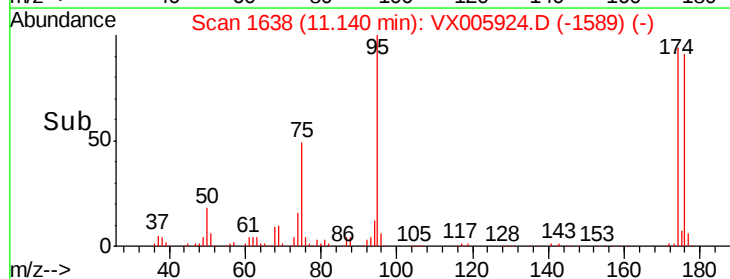
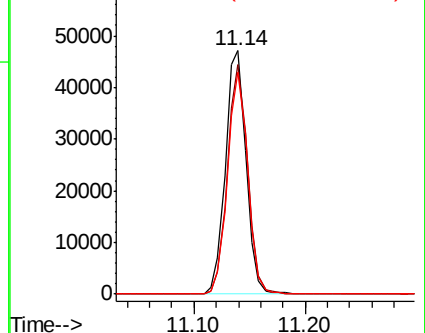
176 89.3 0.0 177.4

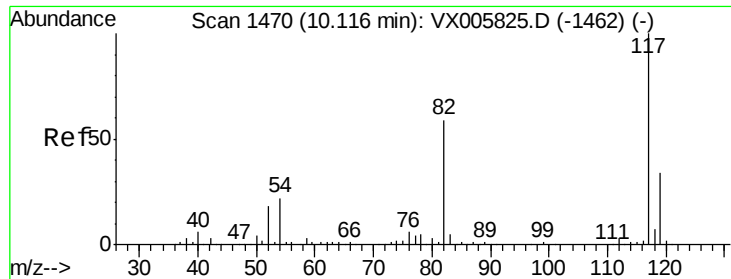


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

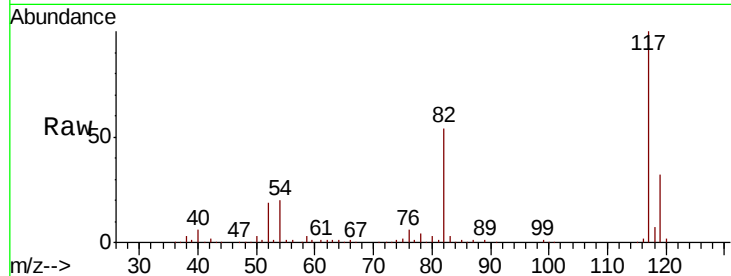




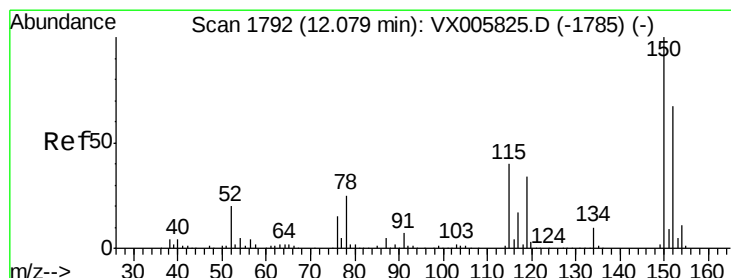
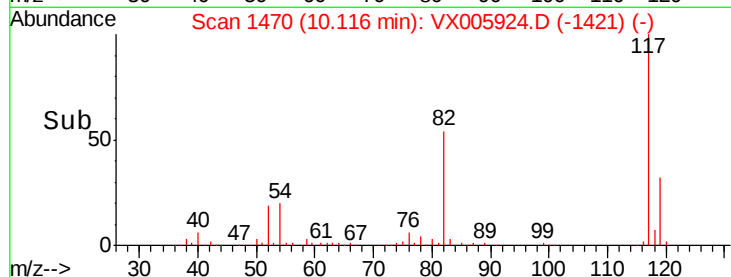
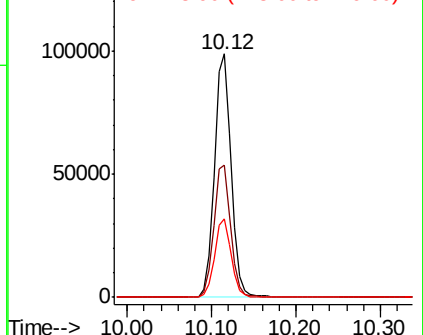
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005924.D
Acq: 13 Nov 2018 02:39

Instrument :
MSVOA_X
ClientSampled :
S36-0147

Tot Ion:117 Resp: 135672
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 32.3 26.2 39.2

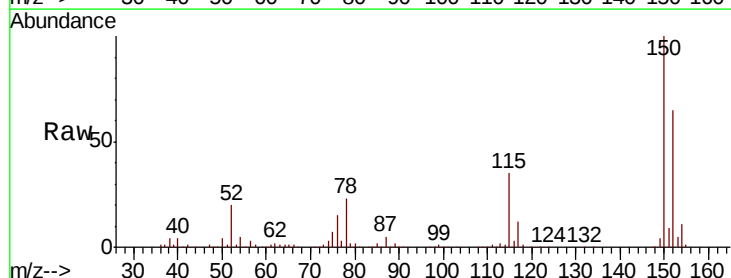


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

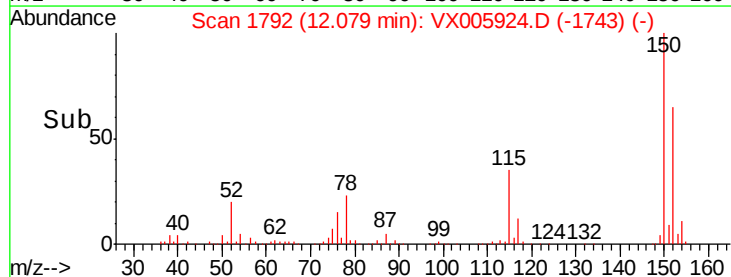
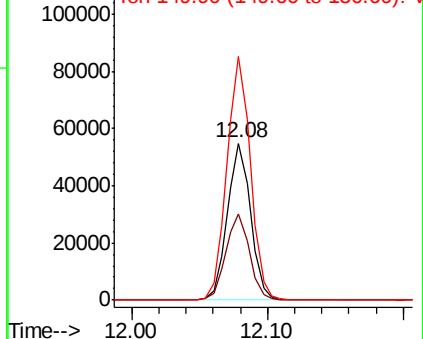


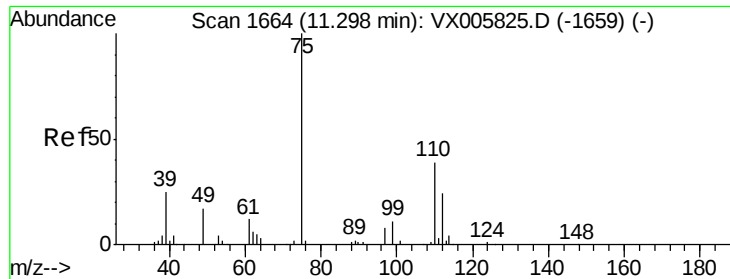
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005924.D
Acq: 13 Nov 2018 02:39

Tgt Ion:152 Resp: 65096
Ion Ratio Lower Upper
152 100
115 55.5 39.4 118.1
150 157.4 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

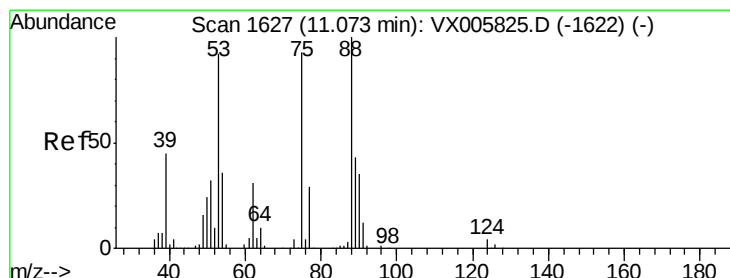
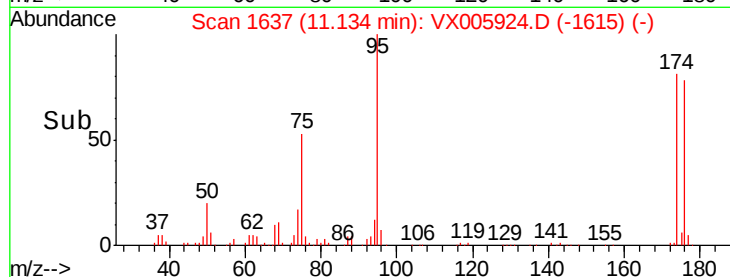
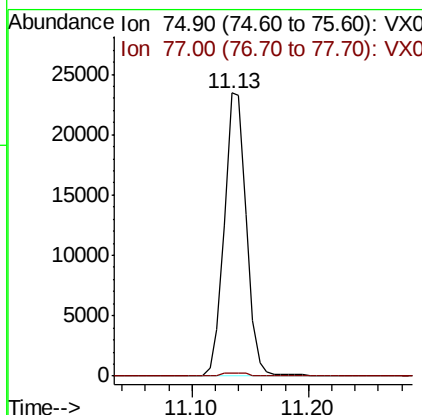
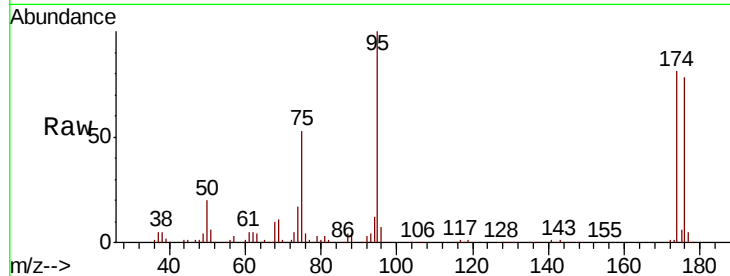




#76
 1,2,3-Trichloropropane
 Concen: 23.240 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX005924.D
 Acq: 13 Nov 2018 02:39

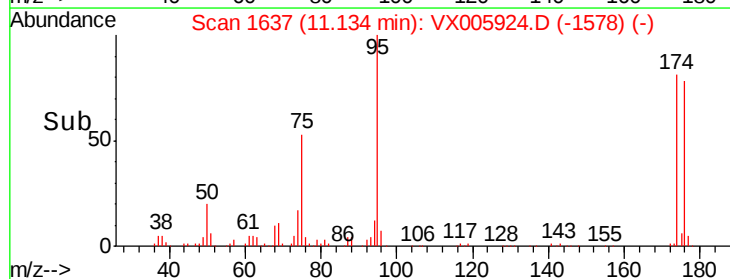
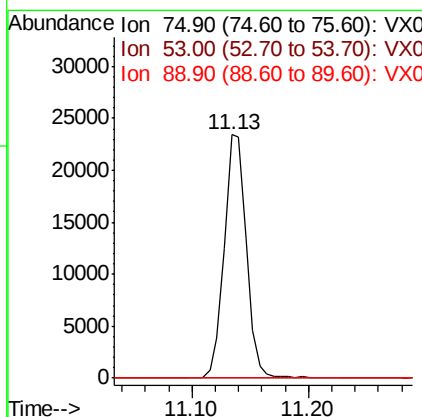
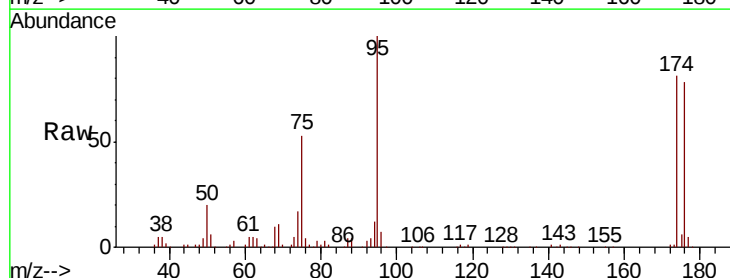
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0147

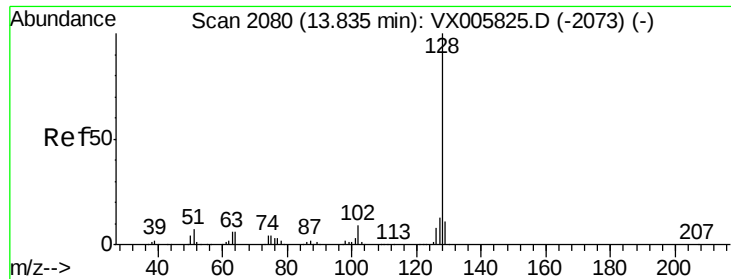
Tot Ion: 75 Resp: 30804
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.068 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX005924.D
 Acq: 13 Nov 2018 02:39

Tgt Ion: 75 Resp: 30804
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.2 120.2#
 89 0.0 39.8 59.8#





#95
Naphthalene
Concen: 1.227 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005924.D
Acq: 13 Nov 2018 02:39

Instrument :
MSVOA_X
ClientSampleId :
S36-0147

Tot Ion:128 Resp: 240
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

