

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005908.D
 Acq On : 12 Nov 2018 18:41
 Operator : JC/MD
 Sample : J5912-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003EW295-181108

Quant Time: Nov 13 04:43:15 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	114092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	163814	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	148941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71552	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	68551	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
35) Dibromofluoromethane	5.50	113	54743	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	197573	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	11.14	95	66713	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	

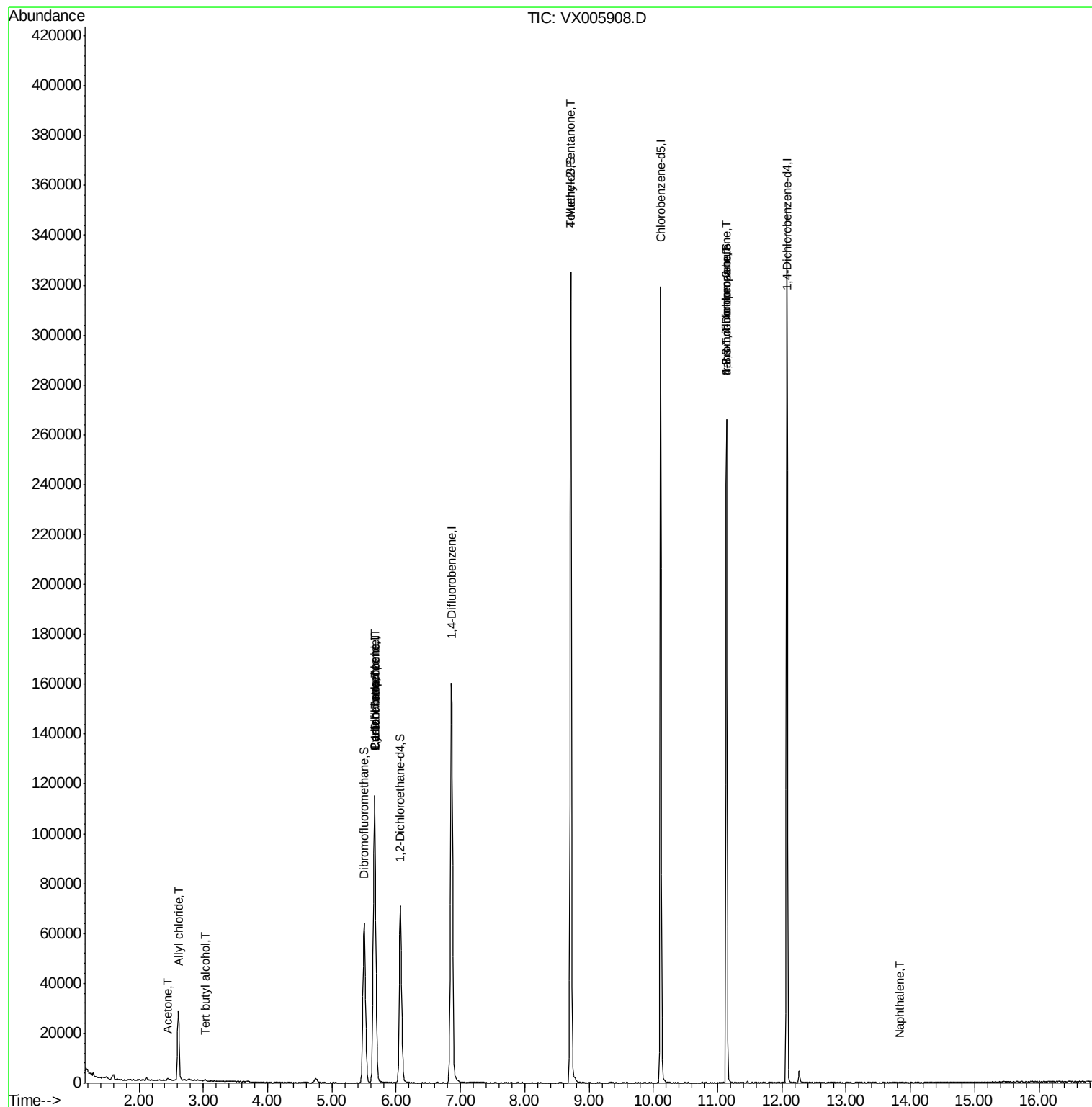
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	418	1.112	ug/l #	72
14) Allyl chloride	2.61	41	2744	1.218	ug/l #	64
16) Acetone	2.45	43	917	1.298	ug/l	98
18) Methyl Acetate	2.78	43	893	Below Cal	#	85
31) Cyclohexane	5.67	56	1996	1.092	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	7795	4.936	ug/l #	49
38) Carbon Tetrachloride	5.66	117	10256	6.487	ug/l #	16
51) 4-Methyl-2-Pentanone	8.72	43	938	0.495	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	33313	22.865	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	33313	72.874	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	50	Below Cal	#	31
95) Naphthalene	13.83	128	103	1.197	ug/l #	69

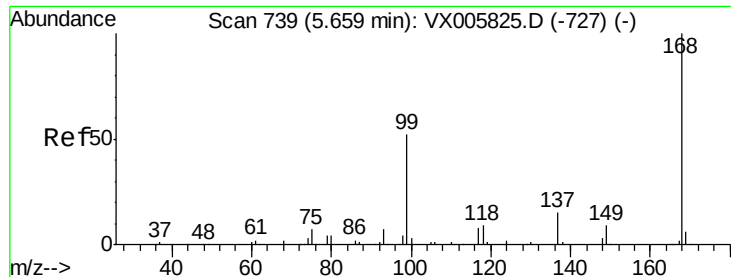
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005908.D

Acq: 12 Nov 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

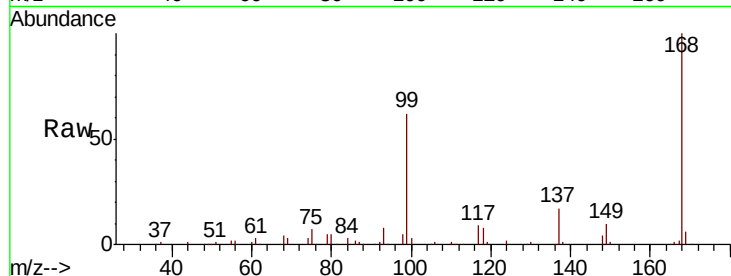
SS003EW295-181108

Tot Ion:168 Resp: 114092

Ion Ratio Lower Upper

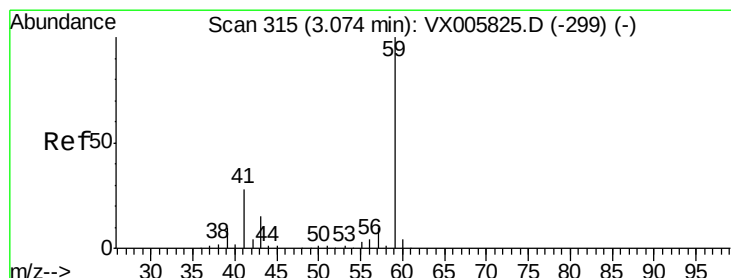
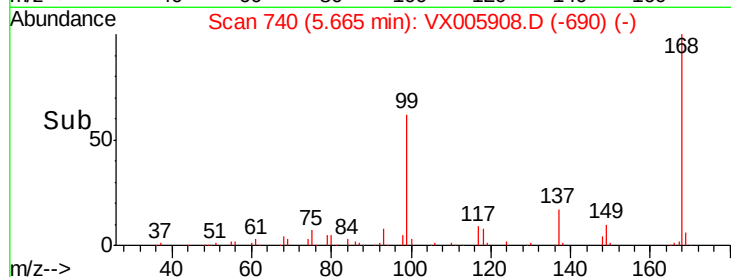
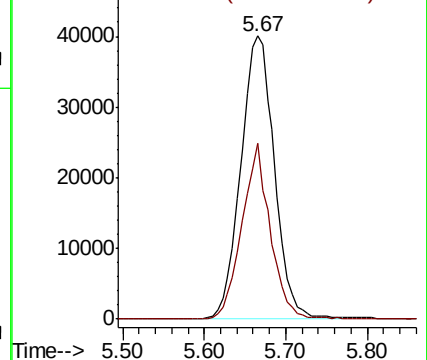
168 100

99 62.3 40.7 61.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 1.112 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.04 min

Lab File: VX005908.D

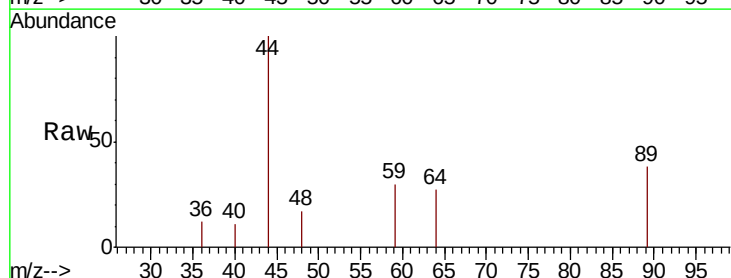
Acq: 12 Nov 2018 18:41

Tgt Ion: 59 Resp: 418

Ion Ratio Lower Upper

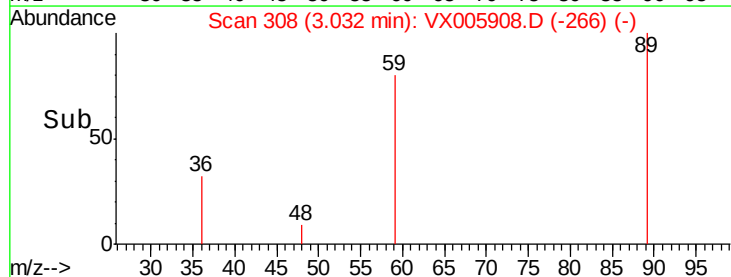
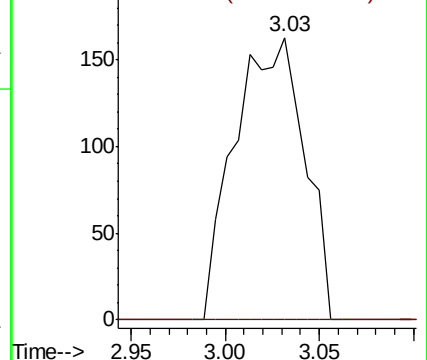
59 100

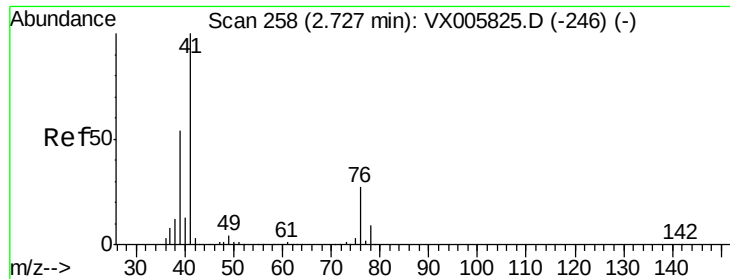
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

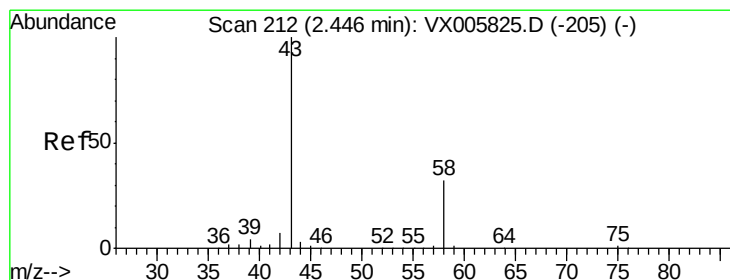
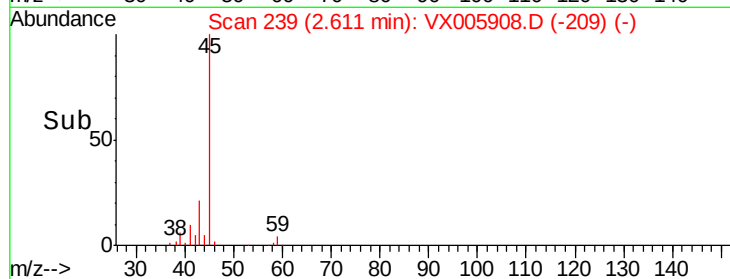
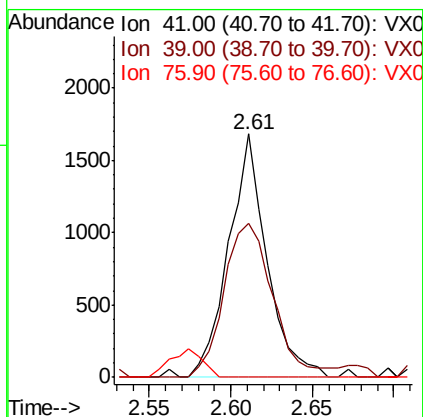
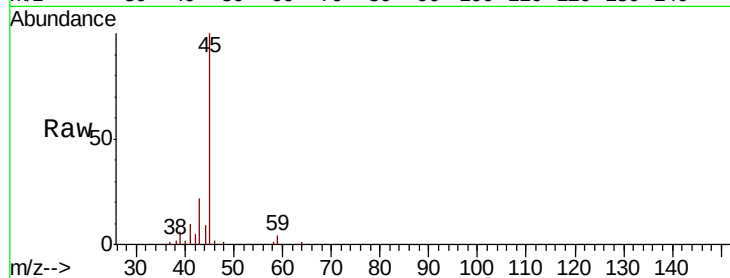




#14
Allvl chloride
Concen: 1.218 ug/l
RT: 2.61 min Scan# 239
Delta R.T. -0.12 min
Lab File: VX005908.D
Acq: 12 Nov 2018 18:41

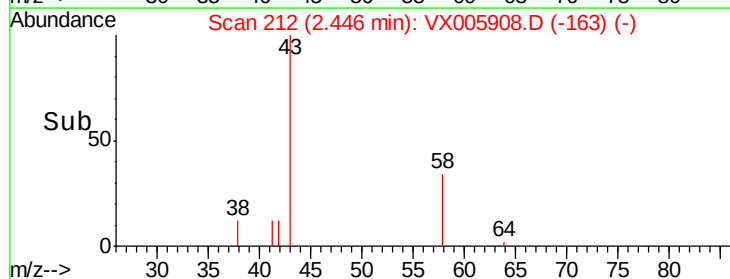
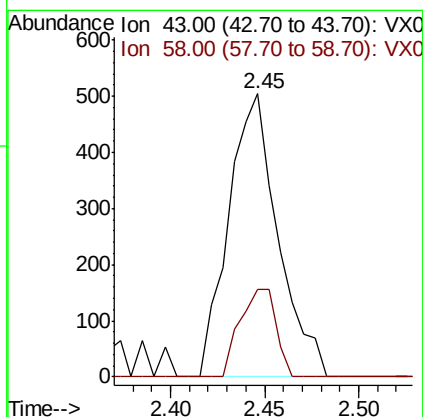
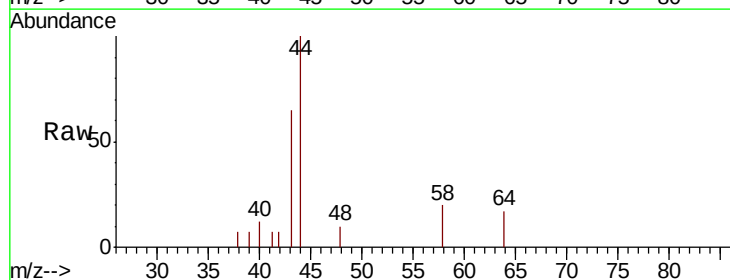
Instrument :
MSVOA_X
ClientSampleId :
SS003EW295-181108

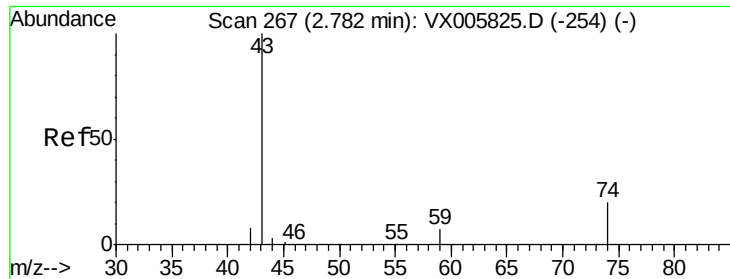
Tot Ion: 41 Resp: 2744
Ion Ratio Lower Upper
41 100
39 81.3 48.2 72.4#
76 0.0 21.9 32.9#



#16
Acetone
Concen: 1.298 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005908.D
Acq: 12 Nov 2018 18:41

Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
58 30.8 23.8 35.6

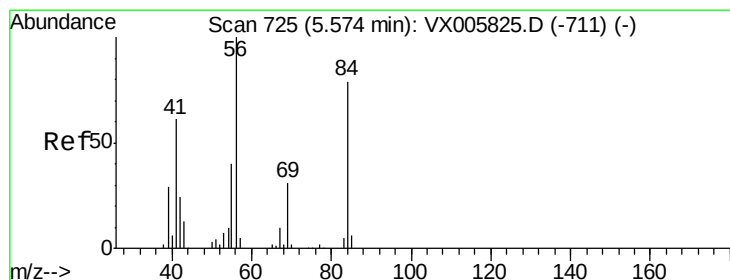
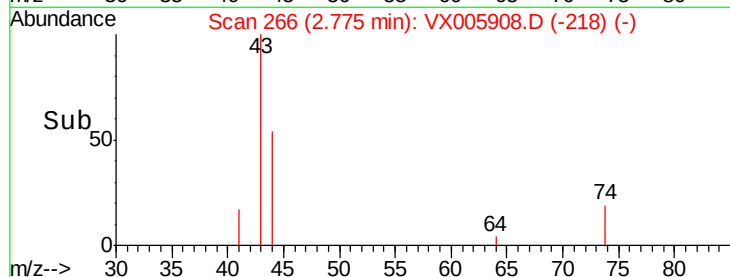
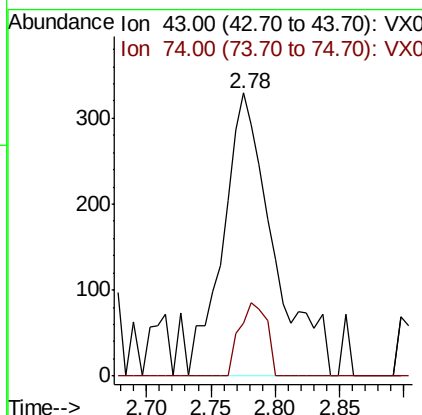
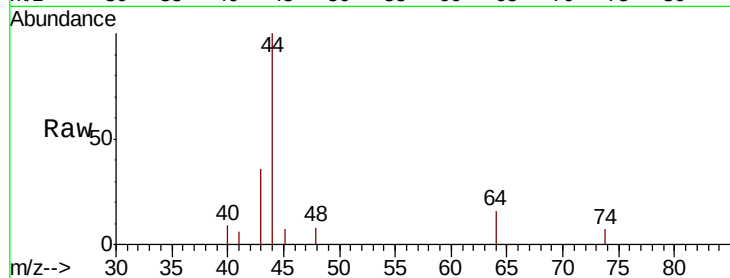




#18
Methvl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005908.D
Acq: 12 Nov 2018 18:41

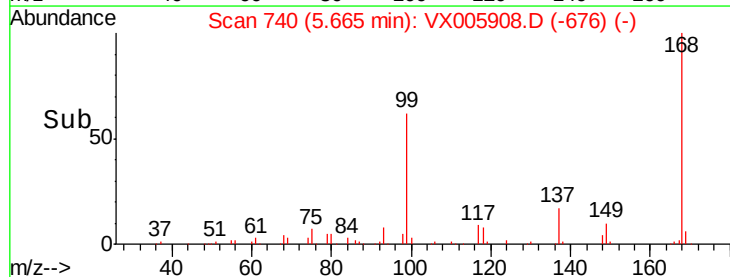
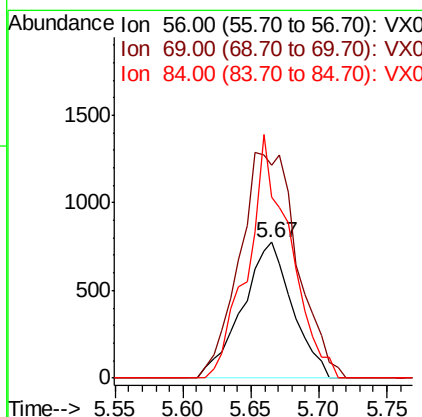
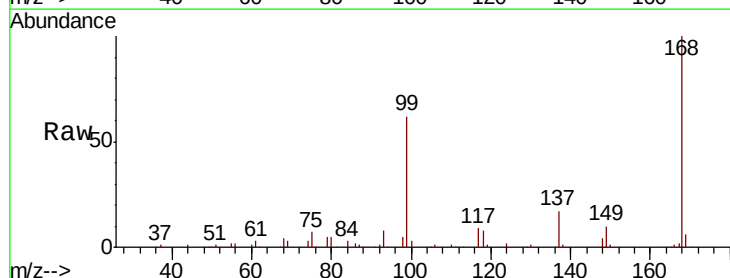
Instrument :
MSVOA_X
ClientSampleId :
SS003EW295-181108

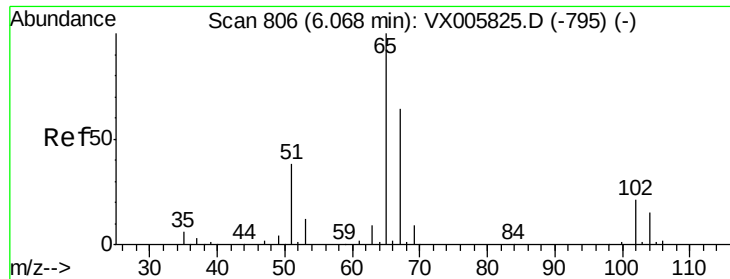
Tot Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
74 13.9 16.8 25.2#



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005908.D
Acq: 12 Nov 2018 18:41

Tgt Ion: 56 Resp: 1996
Ion Ratio Lower Upper
56 100
69 156.6 22.6 34.0#
84 133.4 62.7 94.1#

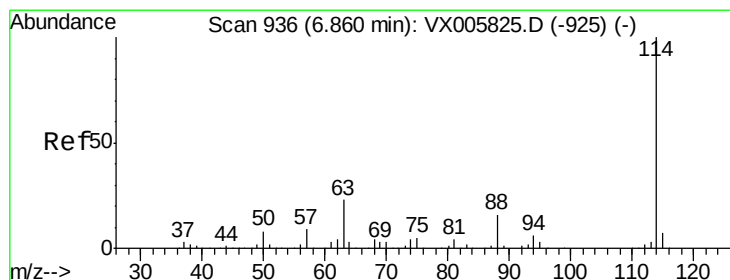
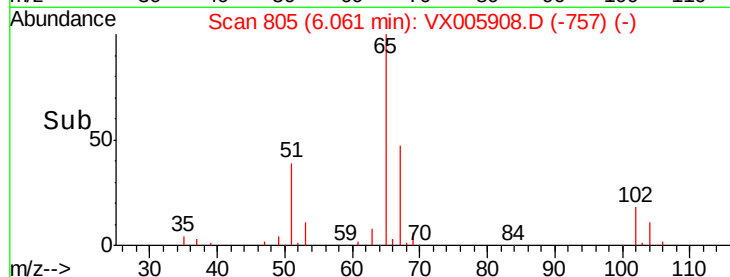
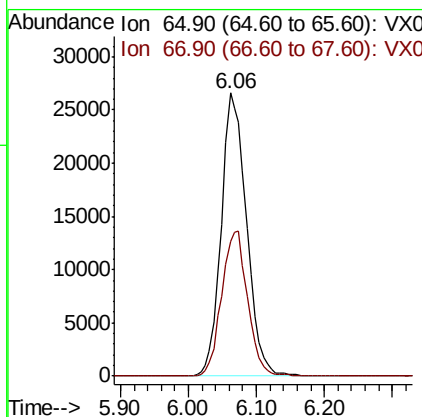
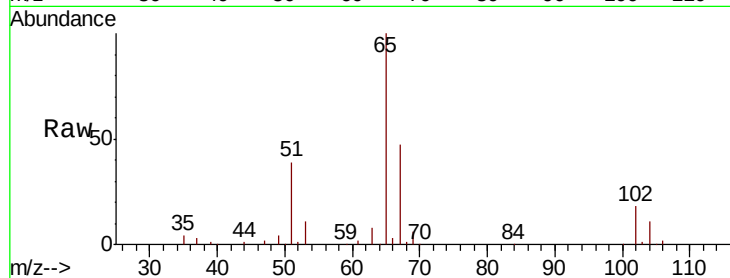




#33
 1,2-Dichloroethane-d4
 Concen: 52.264 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005908.D
 Acq: 12 Nov 2018 18:41

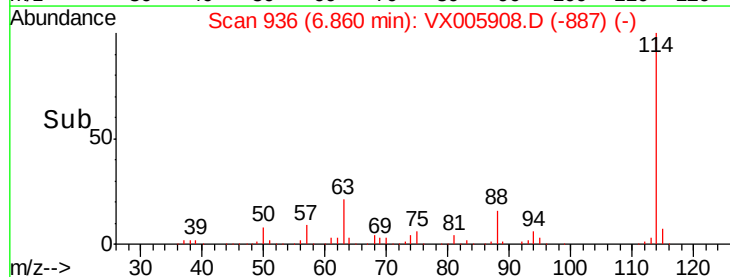
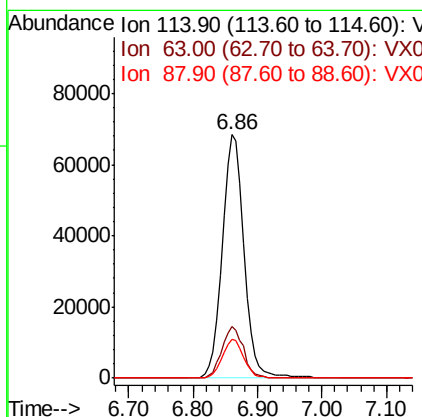
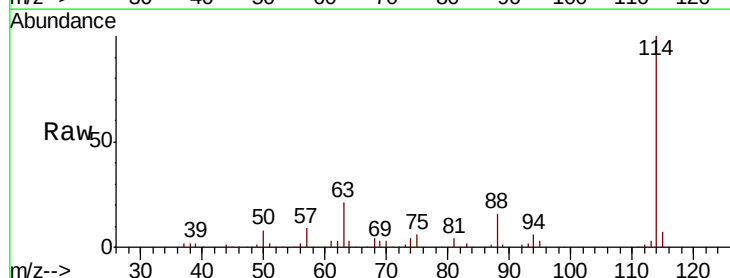
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003EW295-181108

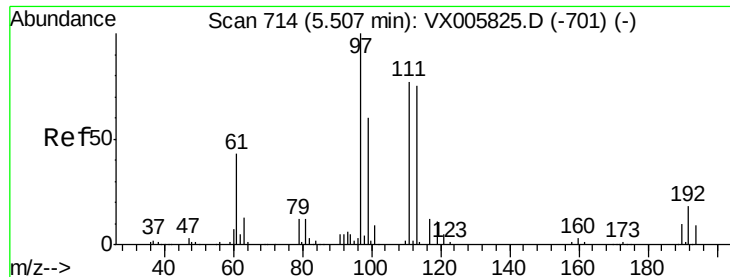
Tot Ion: 65 Resp: 68551
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005908.D
 Acq: 12 Nov 2018 18:41

Tgt Ion: 114 Resp: 163814
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.8
 88 15.9 0.0 31.2

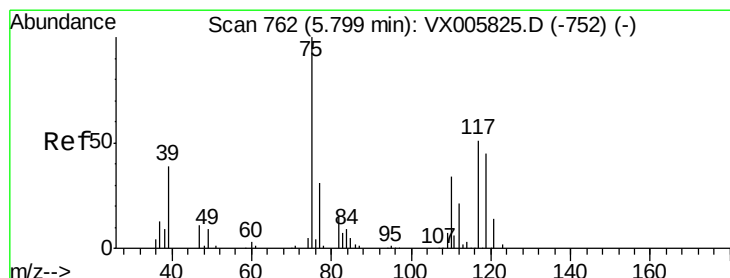
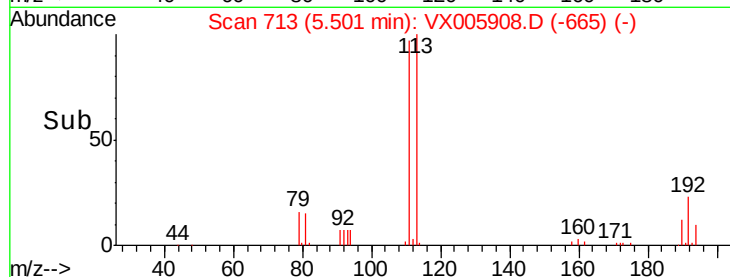
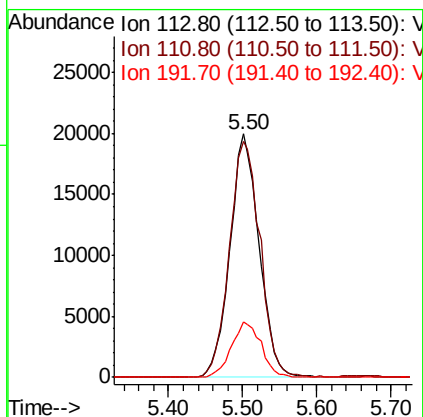
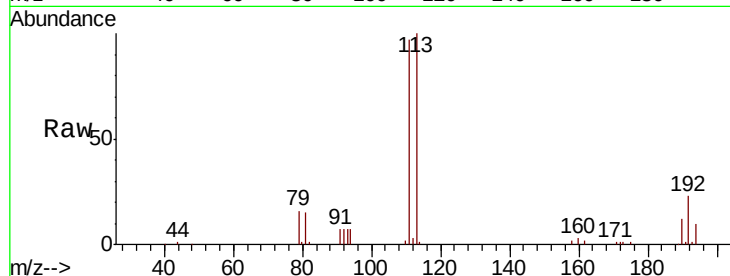




#35
 Dibromofluoromethane
 Concen: 49.133 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005908.D
 Acq: 12 Nov 2018 18:41

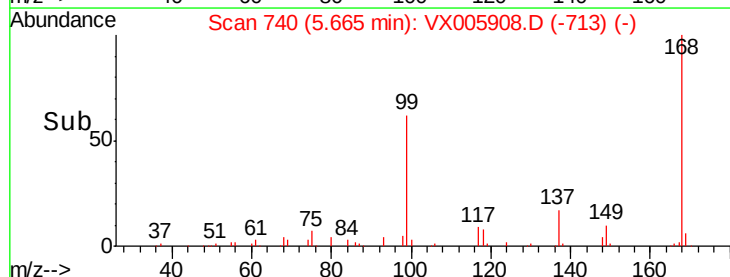
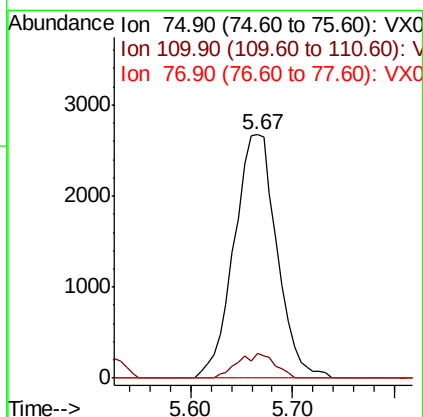
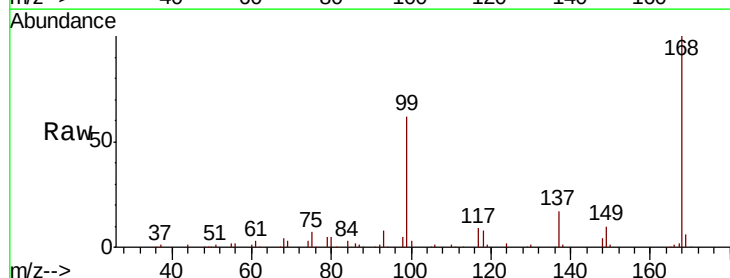
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003EW295-181108

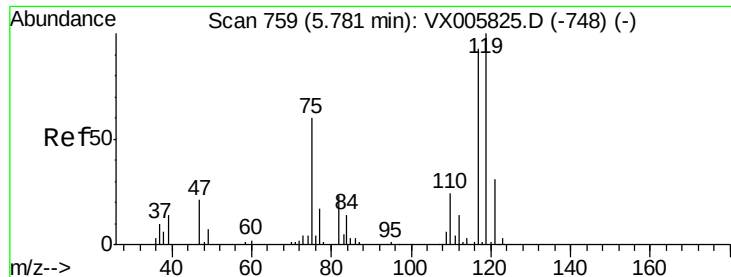
Tot Ion:113 Resp: 54743
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.3 123.5
 192 23.3 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 4.936 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005908.D
 Acq: 12 Nov 2018 18:41

Tgt Ion: 75 Resp: 7795
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.4 52.2#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.487 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005908.D

Acq: 12 Nov 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

SS003EW295-181108

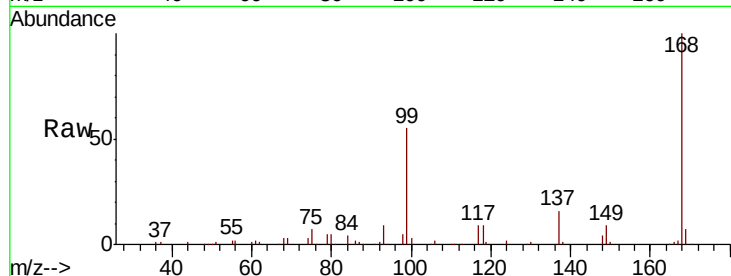
Tot Ion:117 Resp: 10256

Ion Ratio Lower Upper

117 100

119 6.0 78.1 117.1#

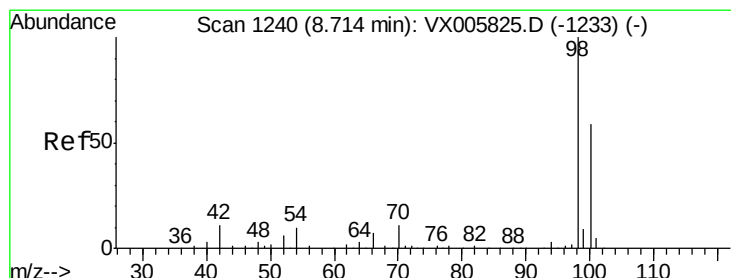
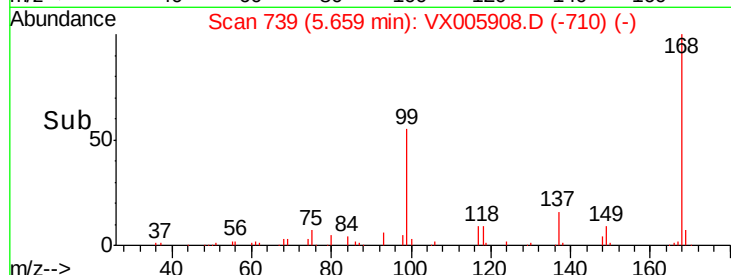
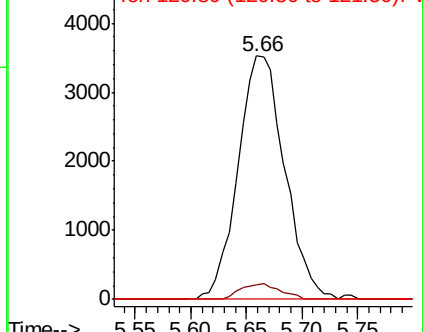
121 0.0 24.6 36.8#



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



#50

Toluene-d8

Concen: 53.338 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005908.D

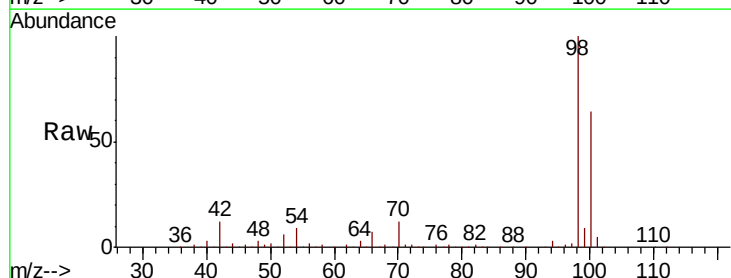
Acq: 12 Nov 2018 18:41

Tgt Ion: 98 Resp: 197573

Ion Ratio Lower Upper

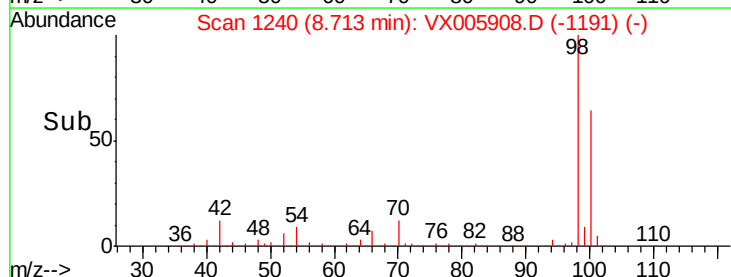
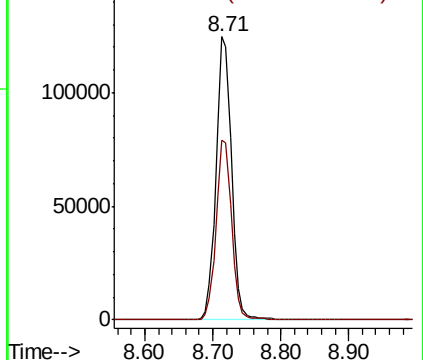
98 100

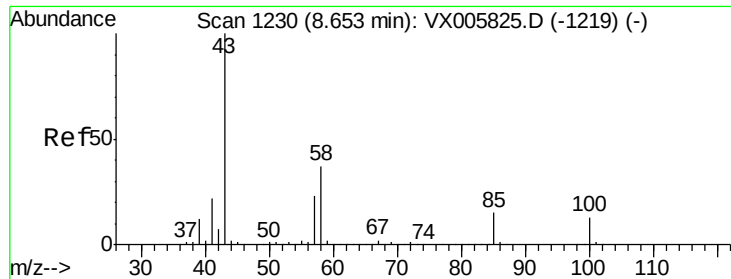
100 63.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.495 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.07 min

Lab File: VX005908.D

Acq: 12 Nov 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

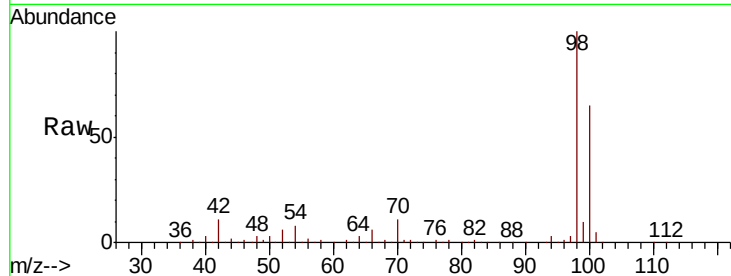
SS003EW295-181108

Tot Ion: 43 Resp: 938

Ion Ratio Lower Upper

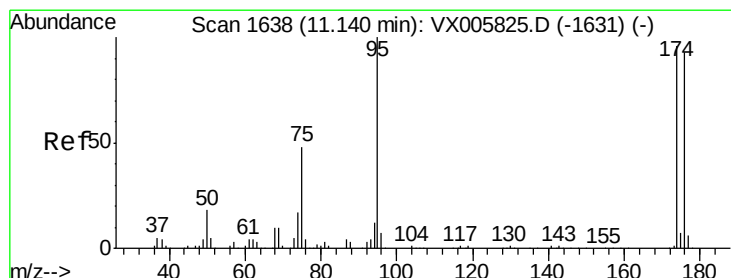
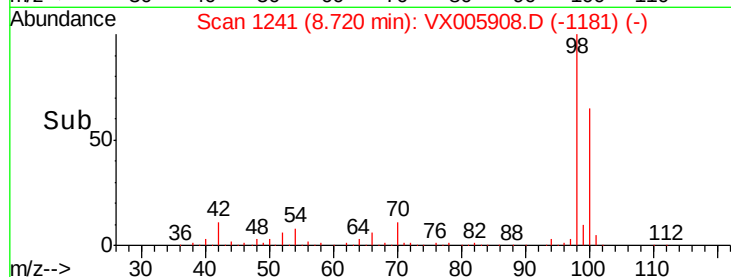
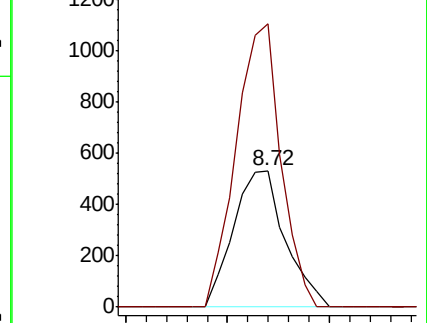
43 100

58 179.9 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 50.093 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005908.D

Acq: 12 Nov 2018 18:41

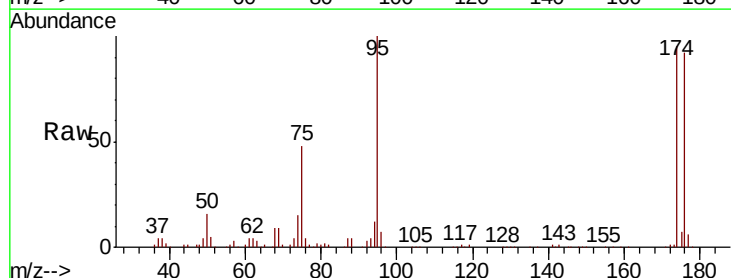
Tgt Ion: 95 Resp: 66713

Ion Ratio Lower Upper

95 100

174 93.6 0.0 184.4

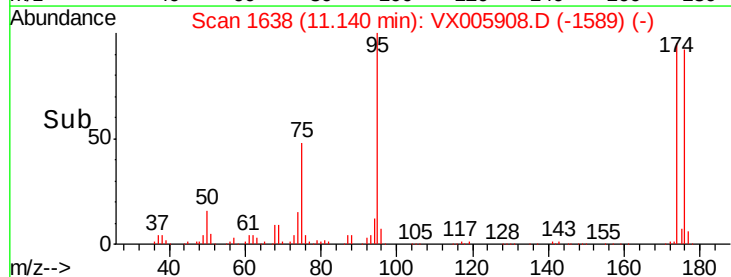
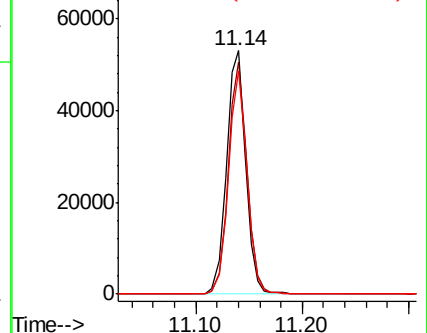
176 89.5 0.0 177.4

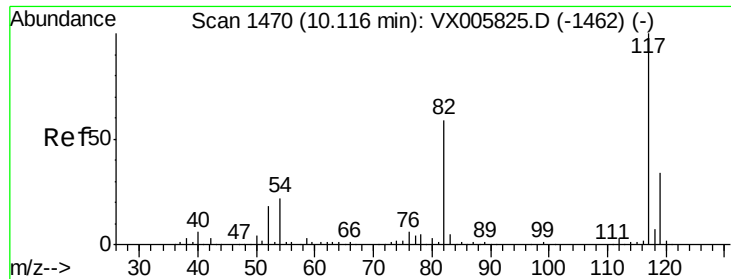


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

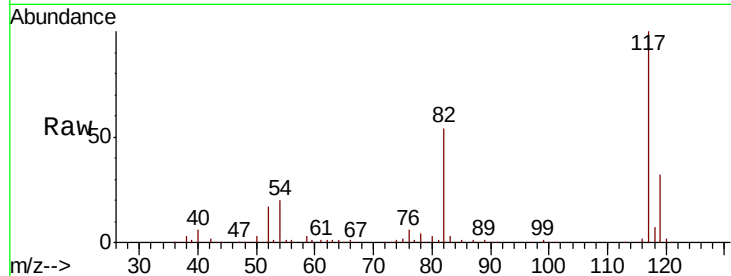




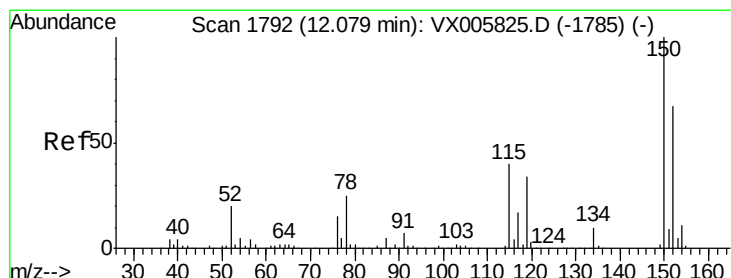
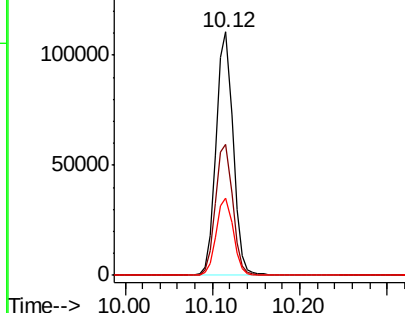
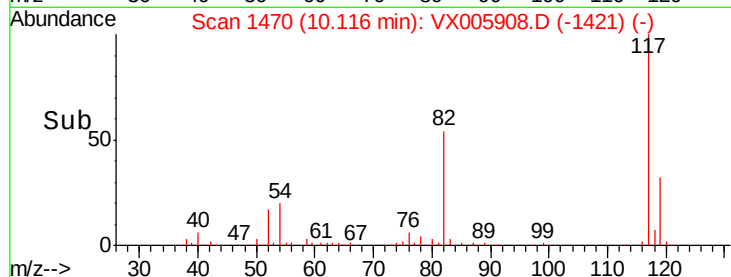
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005908.D
Acq: 12 Nov 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
SS003EW295-181108

Tot Ion:117 Resp: 148941
Ion Ratio Lower Upper
117 100
82 53.6 44.1 66.1
119 31.8 26.2 39.2

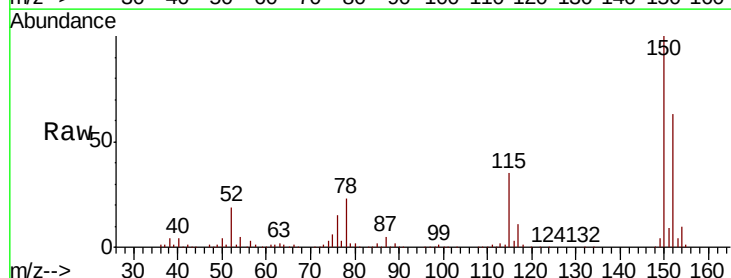


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

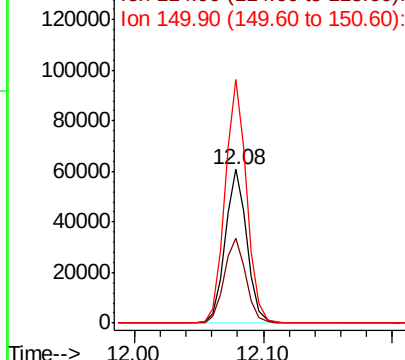
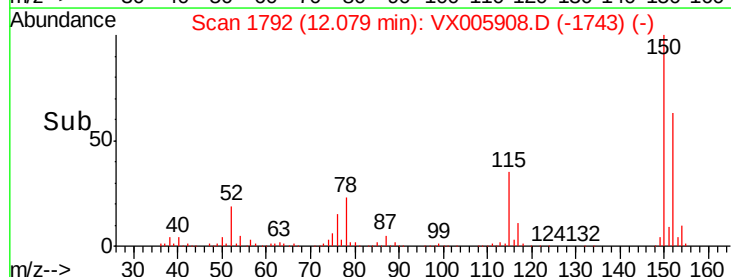


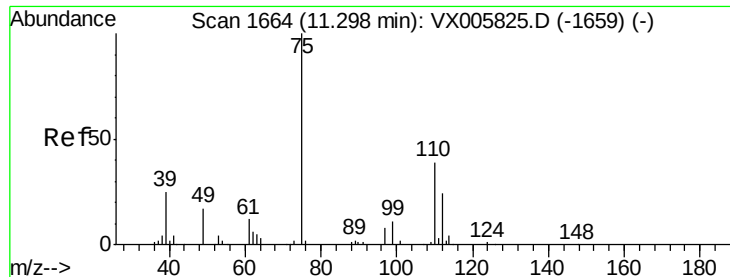
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005908.D
Acq: 12 Nov 2018 18:41

Tgt Ion:152 Resp: 71552
Ion Ratio Lower Upper
152 100
115 55.8 39.4 118.1
150 158.4 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: 22.865 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005908.D

Acq: 12 Nov 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

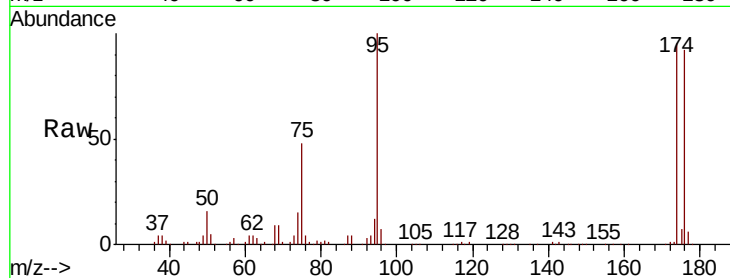
SS003EW295-181108

Tot Ion: 75 Resp: 33313

Ion Ratio Lower Upper

75 100

77 1.3 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

30000

25000

20000

15000

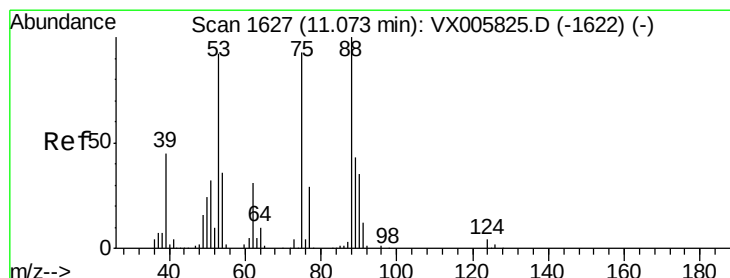
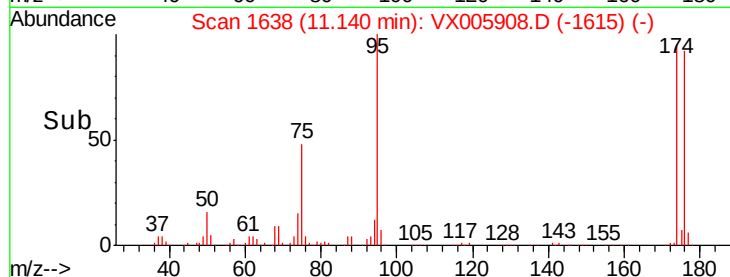
10000

5000

0

11.10 11.20

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 72.874 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005908.D

Acq: 12 Nov 2018 18:41

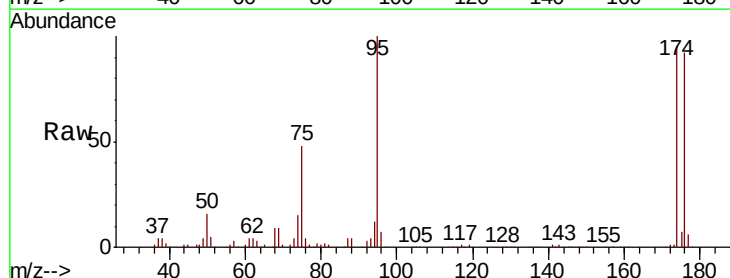
Tgt Ion: 75 Resp: 33313

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.8 59.8#



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

30000

25000

20000

15000

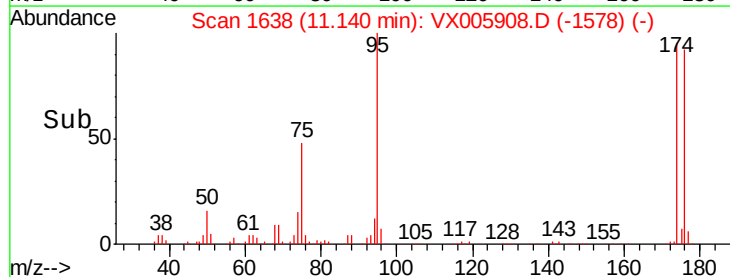
10000

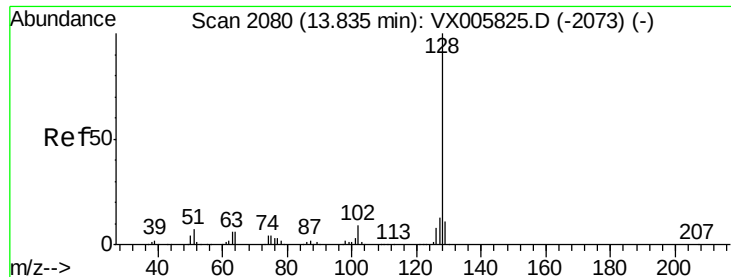
5000

0

11.10 11.20

Time-->





#95

Naphthalene

Concen: 1.197 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005908.D

Acq: 12 Nov 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

SS003EW295-181108

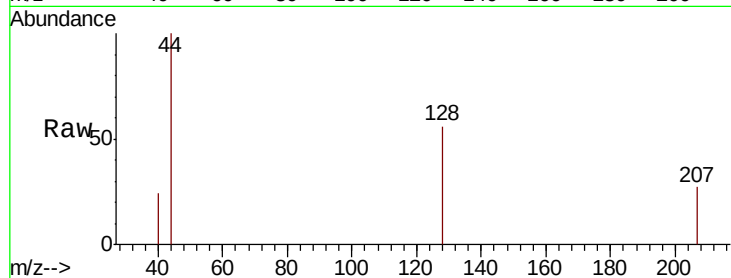
Tot Ion:128 Resp: 103

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

