

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003803.D
 Acq On : 01 Aug 2018 19:14
 Operator : JC/SP
 Sample : J4136-01RE
 Misc : 14.34G/5.0mL/MSVOA X/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 02 05:56:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	134397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	193756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88839	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	60888	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	
35) Dibromofluoromethane	5.51	113	52067	45.64	ug/l	0.00
Spiked Amount			Recovery	=	91.28%	
50) Toluene-d8	8.72	98	188112	39.55	ug/l	0.00
Spiked Amount			Recovery	=	79.10%	
62) 4-Bromofluorobenzene	11.14	95	66554	37.95	ug/l	0.00
Spiked Amount			Recovery	=	75.90%	

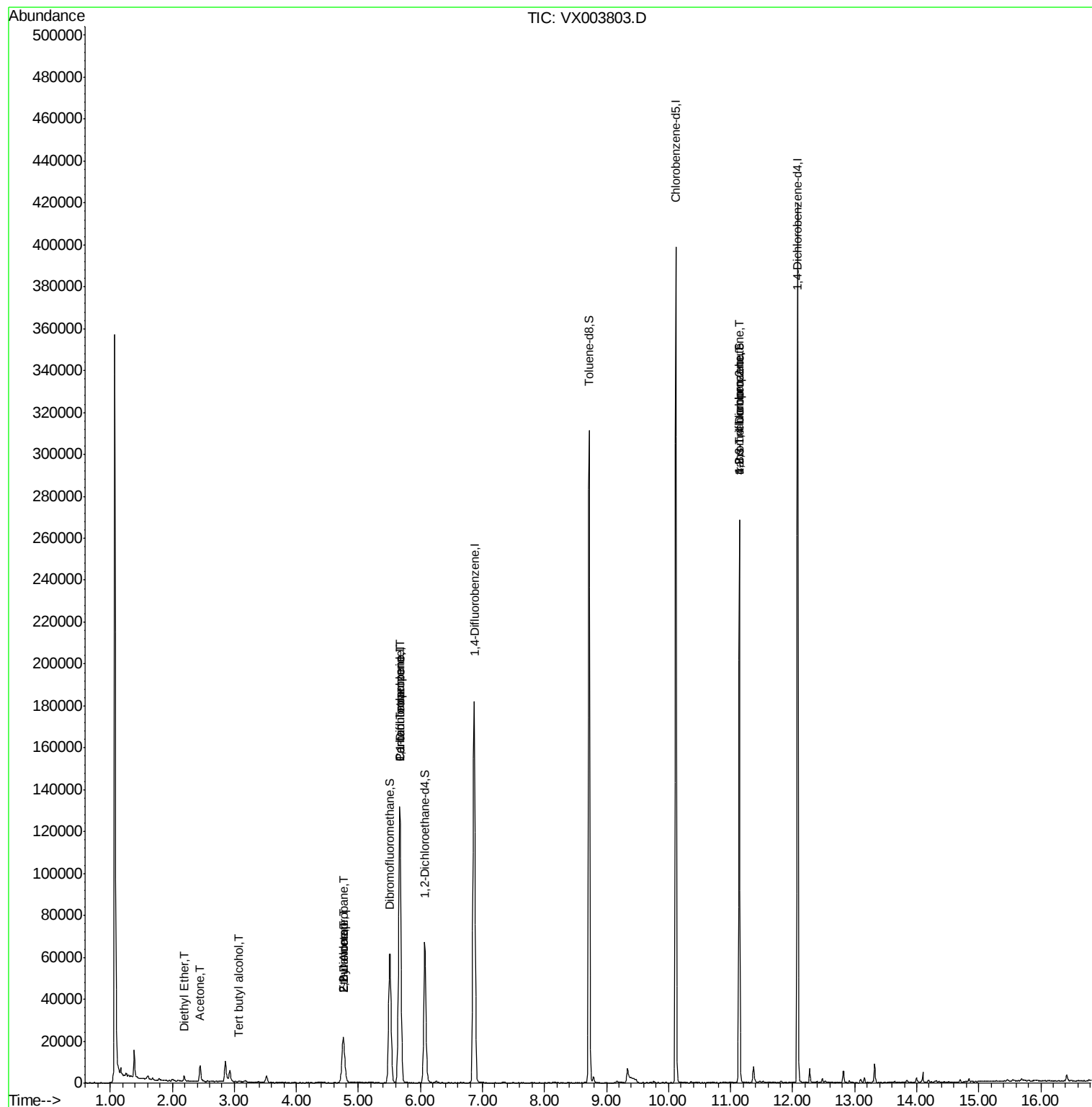
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	76	Below Cal	#	76
8) Diethyl Ether	2.19	74	774	1.02	ug/l	95
11) Tert butyl alcohol	3.07	59	342	1.55	ug/l #	73
16) Acetone	2.45	43	8034	15.47	ug/l	99
25) 2-Butanone	4.76	43	1842	2.43	ug/l #	75
26) 2,2-Dichloropropane	4.76	77	1804	1.02	ug/l #	51
36) 1,1-Dichloropropene	5.67	75	8915	4.91	ug/l #	48
37) Ethyl Acetate	4.76	43	1842	1.32	ug/l #	26
38) Carbon Tetrachloride	5.67	117	11496	6.85	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	31957	26.10	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	31957	77.30	ug/l #	11

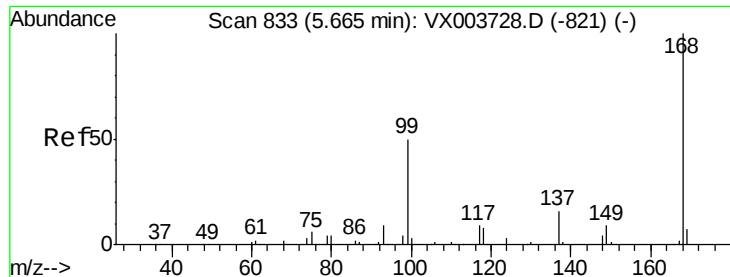
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003803.D
Acq On : 01 Aug 2018 19:14
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Quant Time: Aug 02 05:56:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration

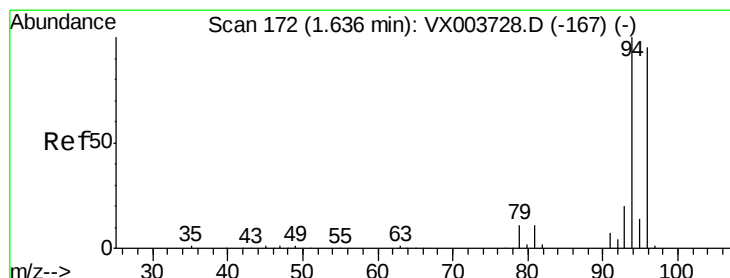
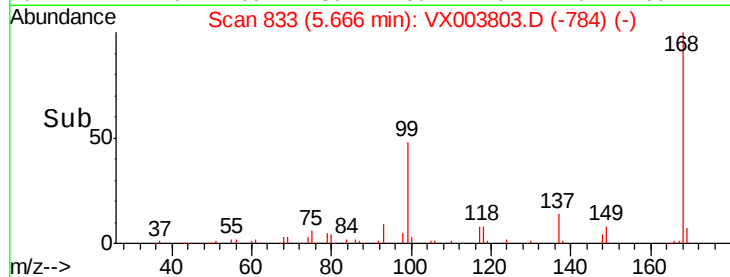
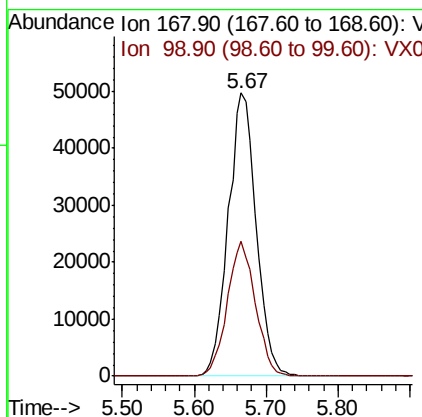
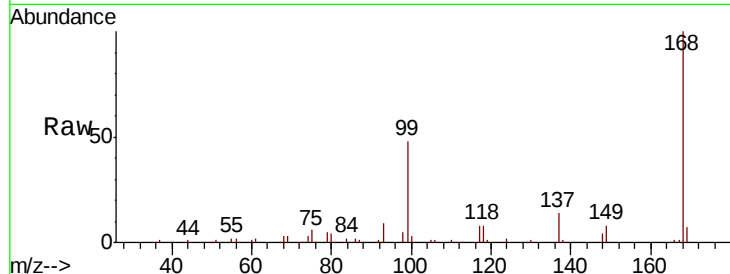




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003803.D
Acq: 01 Aug 2018 19:14

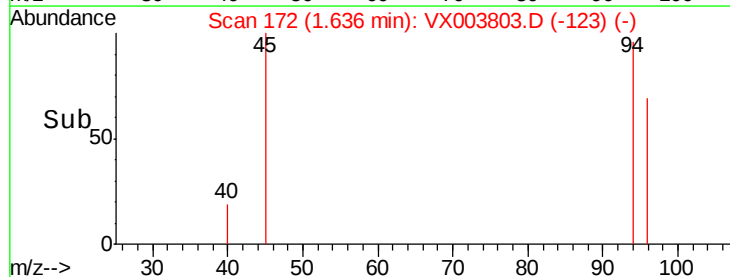
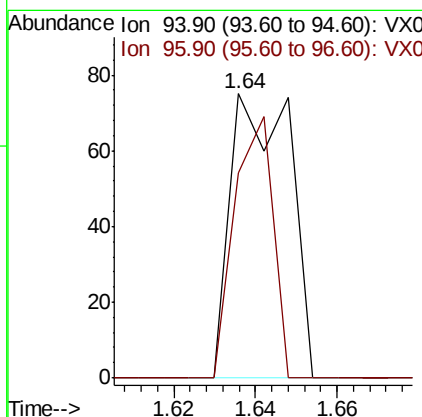
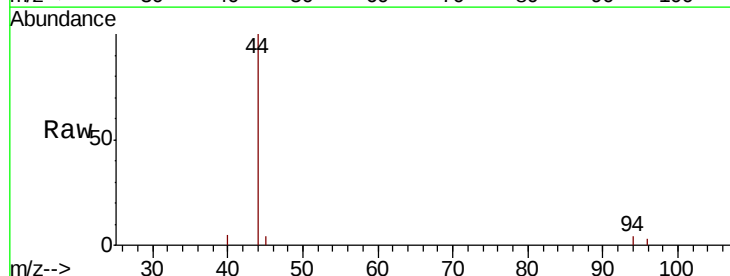
Instrument :
MSVOA_X
ClientSampleId :

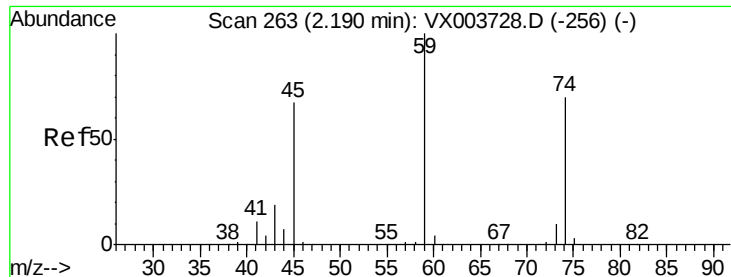
Tot Ion:168 Resp: 134397
Ion Ratio Lower Upper
168 100
99 47.6 40.2 60.2



#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003803.D
Acq: 01 Aug 2018 19:14

Tgt Ion: 94 Resp: 76
Ion Ratio Lower Upper
94 100
96 72.0 76.0 114.0#

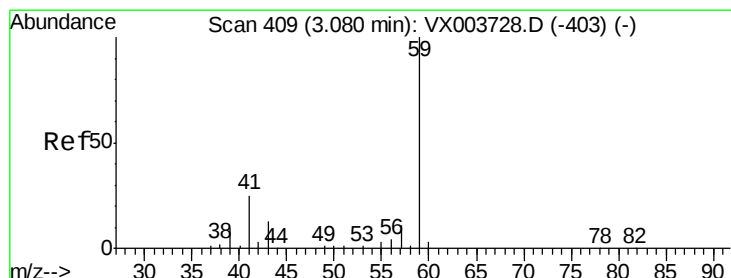
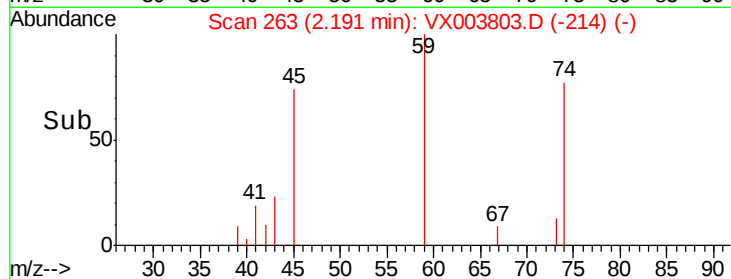
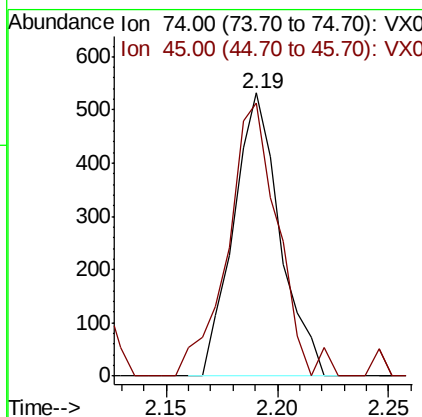
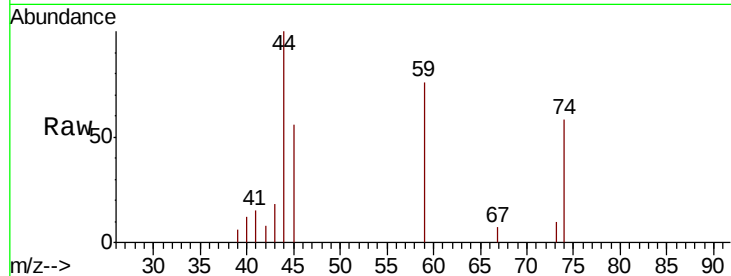




#8
 Diethyl Ether
 Concen: 1.02 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003803.D
 Acq: 01 Aug 2018 19:14

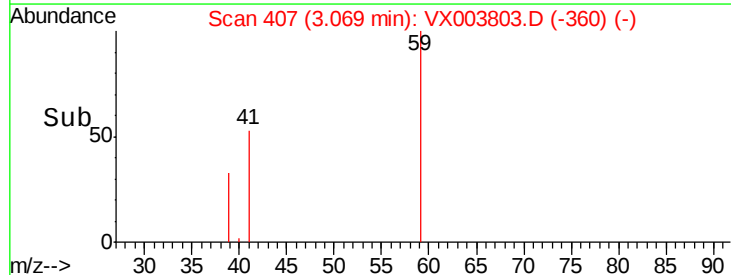
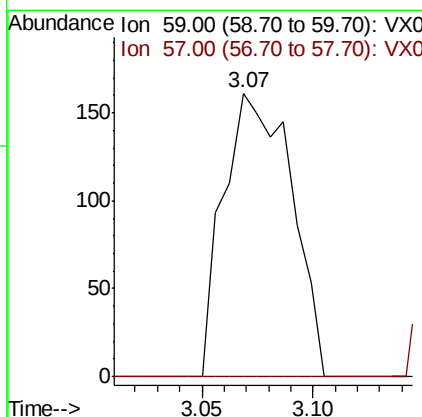
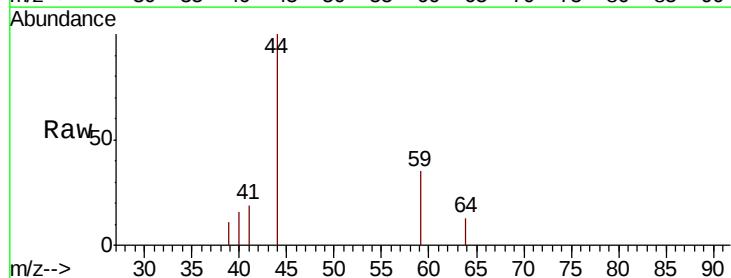
Instrument :
 MSVOA_X
 ClientSampled :

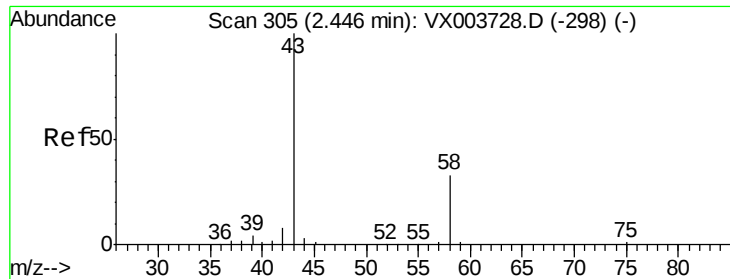
Tot Ion: 74 Resp: 774
 Ion Ratio Lower Upper
 74 100
 45 104.4 49.5 148.7



#11
 Tert butyl alcohol
 Concen: 1.55 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX003803.D
 Acq: 01 Aug 2018 19:14

Tgt Ion: 59 Resp: 342
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#





#16

Acetone

Concen: 15.47 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003803.D

Acq: 01 Aug 2018 19:14

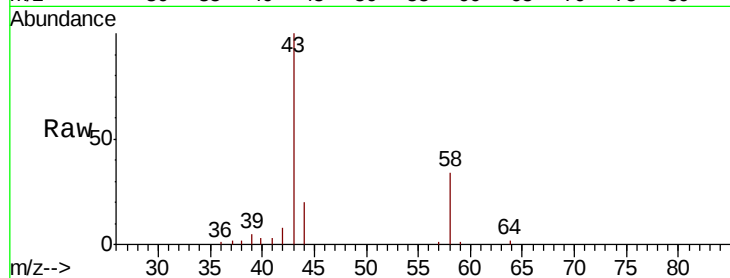
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 8034

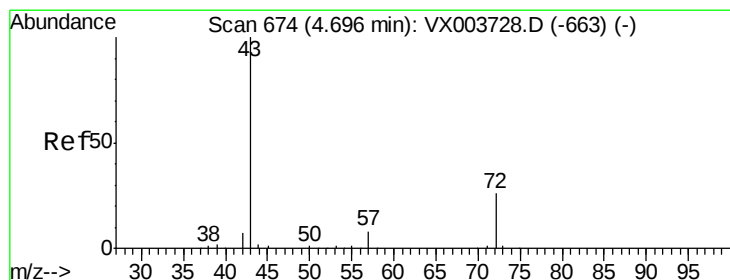
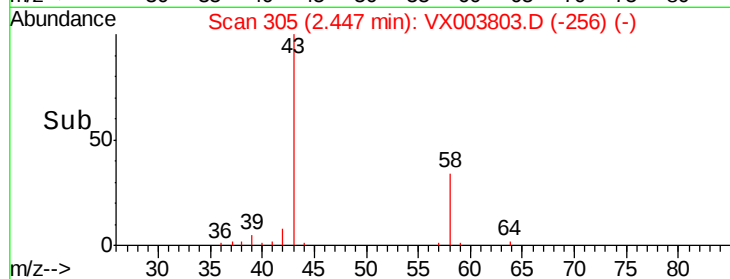
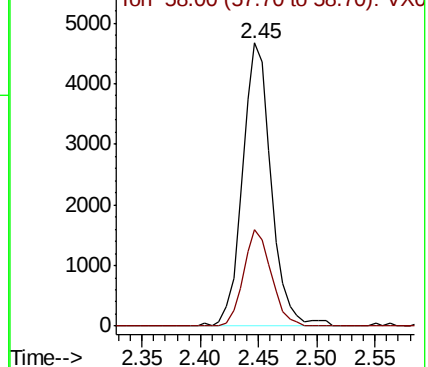
Ion Ratio Lower Upper

43 100

58 33.9 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#25

2-Butanone

Concen: 2.43 ug/l

RT: 4.76 min Scan# 684

Delta R.T. 0.06 min

Lab File: VX003803.D

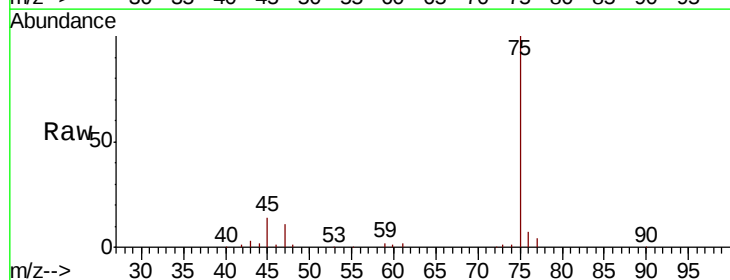
Acq: 01 Aug 2018 19:14

Tgt Ion: 43 Resp: 1842

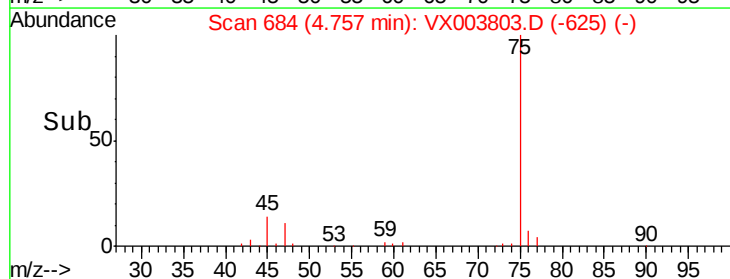
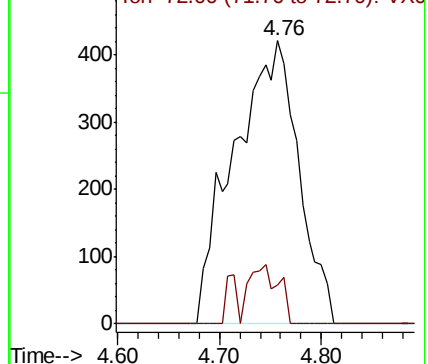
Ion Ratio Lower Upper

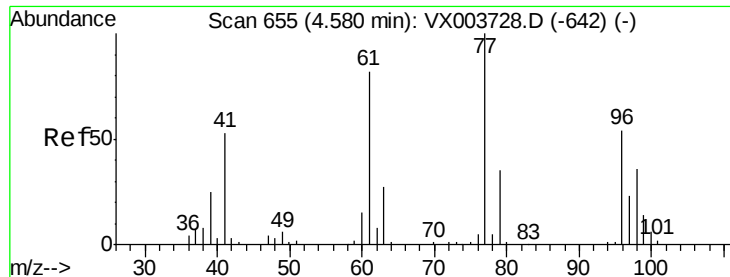
43 100

72 13.5 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 1.02 ug/l

RT: 4.76 min Scan# 684

Delta R.T. 0.18 min

Lab File: VX003803.D

Acq: 01 Aug 2018 19:14

Instrument :

MSVOA_X

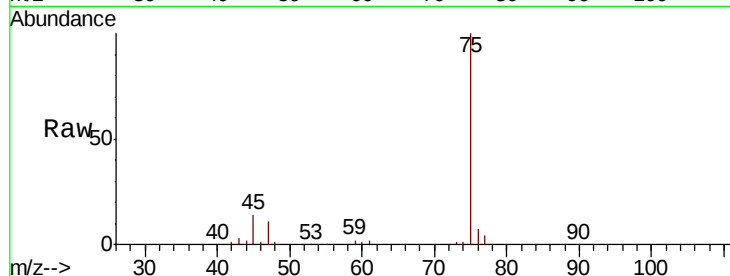
ClientSampleId :

Tot Ion: 77 Resp: 1804

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.6#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.76

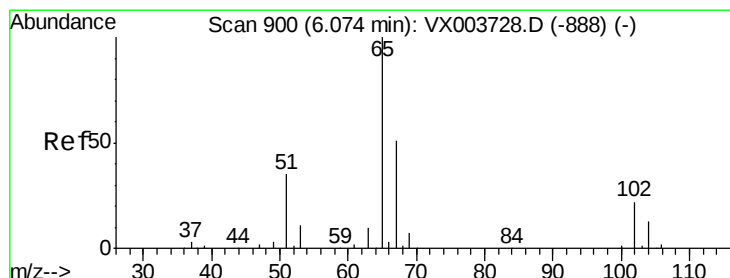
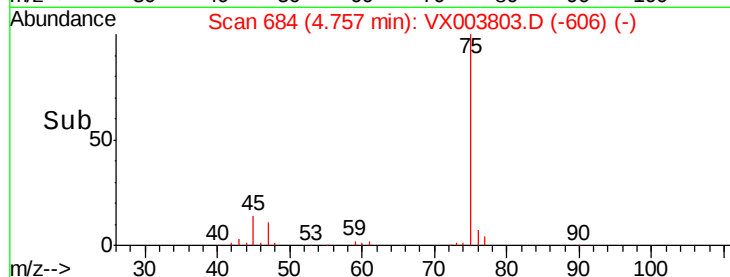
600

400

200

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.80 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003803.D

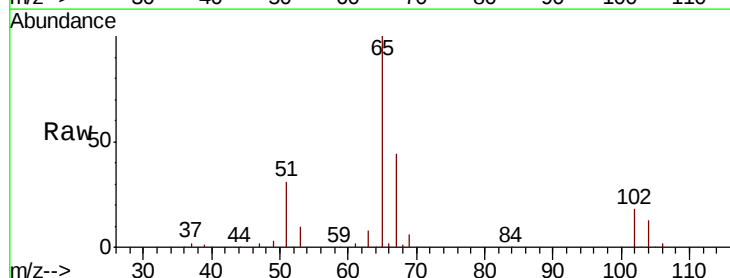
Acq: 01 Aug 2018 19:14

Tgt Ion: 65 Resp: 60888

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

30000

25000

20000

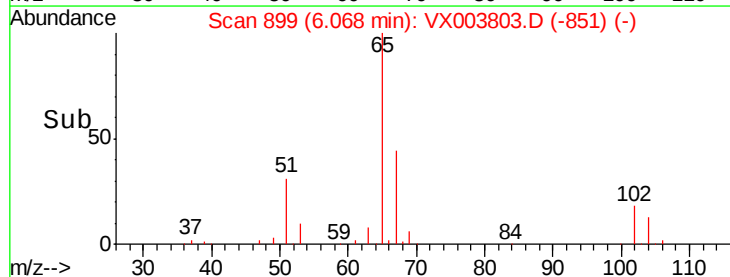
15000

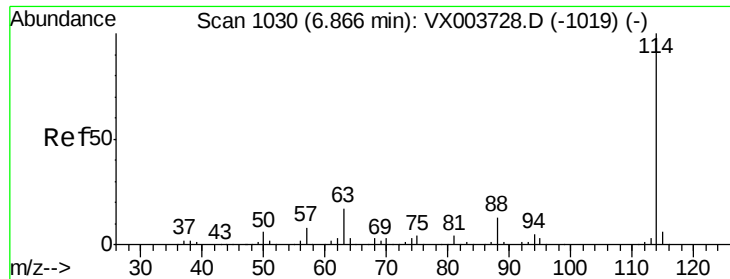
10000

5000

0

Time-->

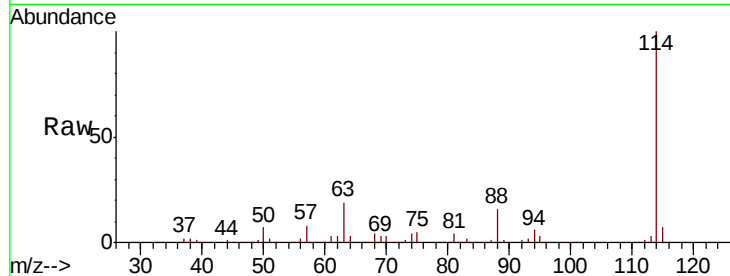




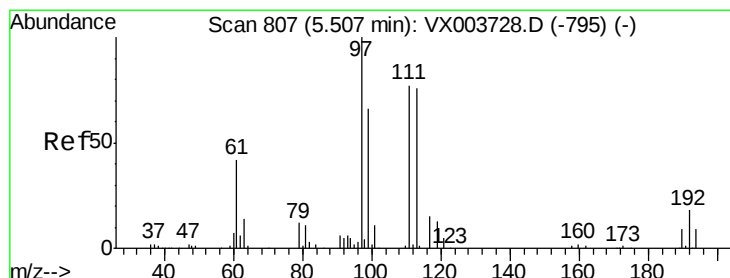
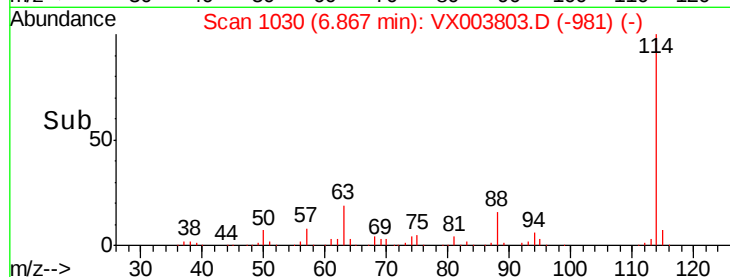
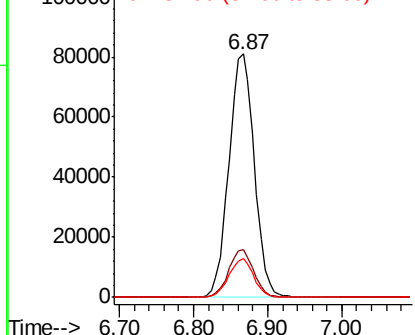
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003803.D
 Acq: 01 Aug 2018 19:14

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 193756
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 34.0
 88 16.1 0.0 26.4

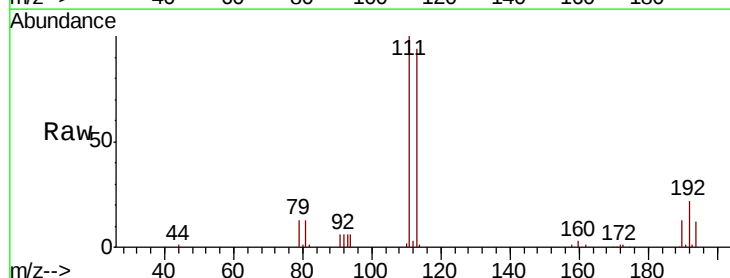


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

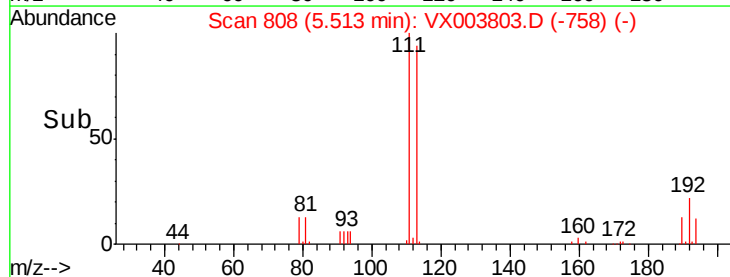
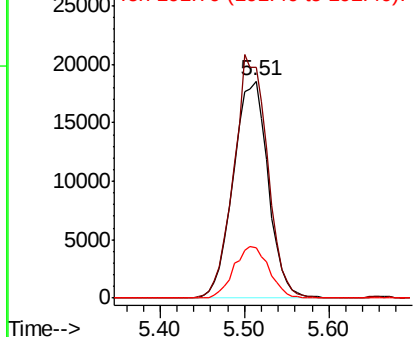


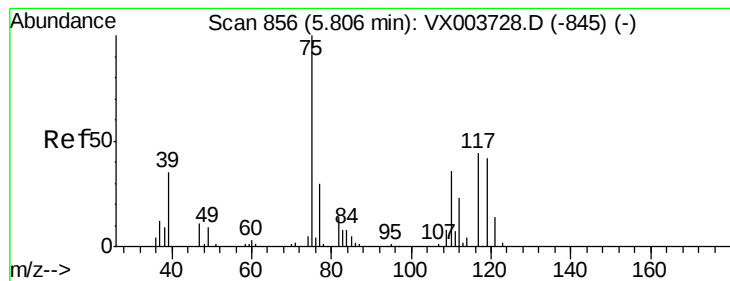
#35
 Dibromofluoromethane
 Concen: 45.64 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003803.D
 Acq: 01 Aug 2018 19:14

Tgt Ion:113 Resp: 52067
 Ion Ratio Lower Upper
 113 100
 111 107.5 81.8 122.6
 192 23.8 18.8 28.2



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: 4.91 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX003803.D

Acq: 01 Aug 2018 19:14

Instrument :

MSVOA_X

ClientSampled :

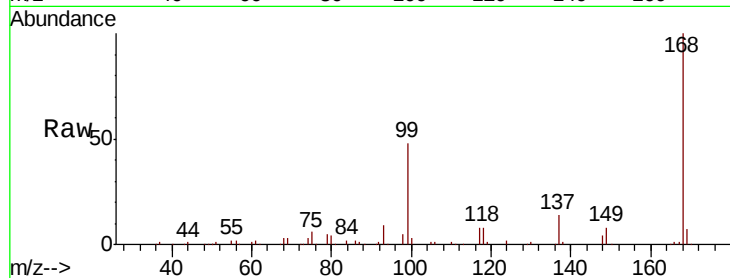
Tot Ion: 75 Resp: 8915

Ion Ratio Lower Upper

75 100

110 7.8 18.3 54.8#

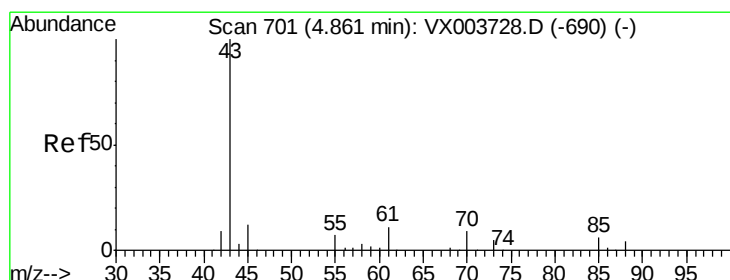
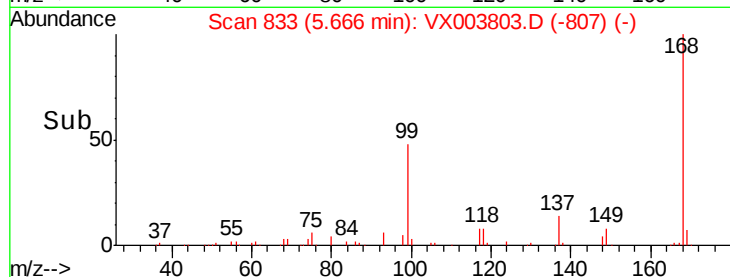
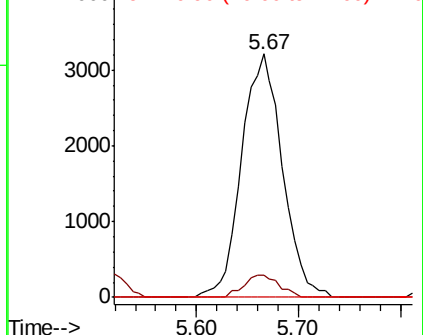
77 0.0 25.1 37.7#



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



#37

Ethyl Acetate

Concen: 1.32 ug/l

RT: 4.76 min Scan# 684

Delta R.T. -0.10 min

Lab File: VX003803.D

Acq: 01 Aug 2018 19:14

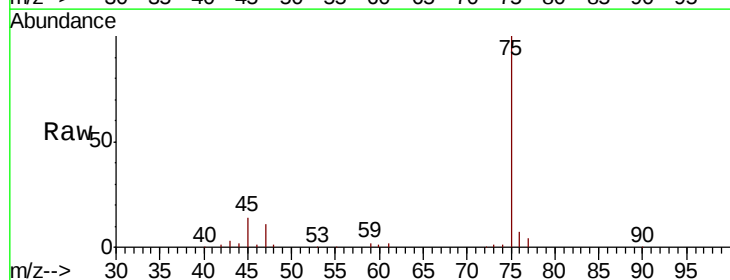
Tgt Ion: 43 Resp: 1842

Ion Ratio Lower Upper

43 100

61 58.3 11.4 17.0#

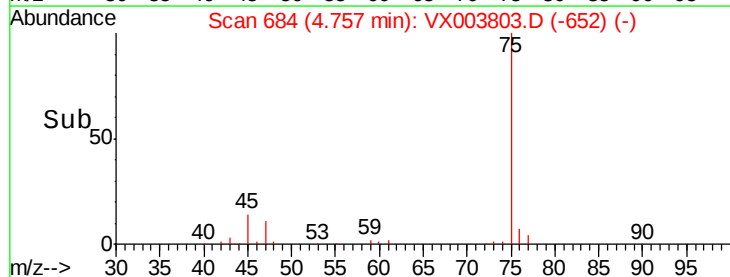
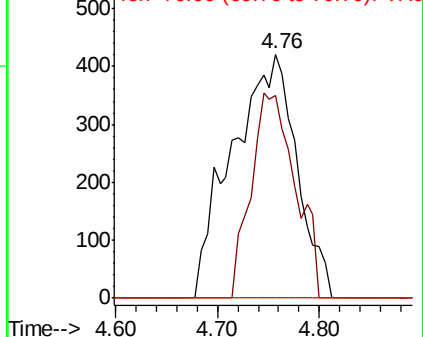
70 0.0 8.2 12.2#

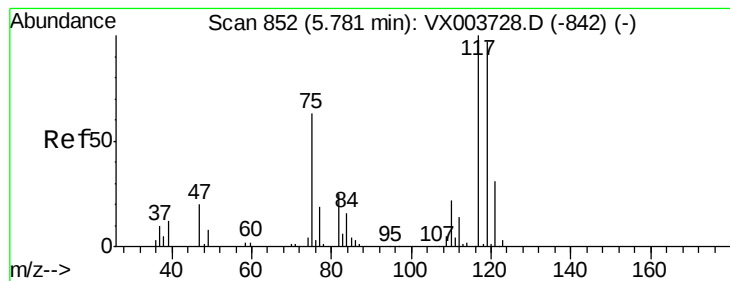


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.85 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003803.D

Acq: 01 Aug 2018 19:14

Instrument :
MSVOA_X
ClientSampled :

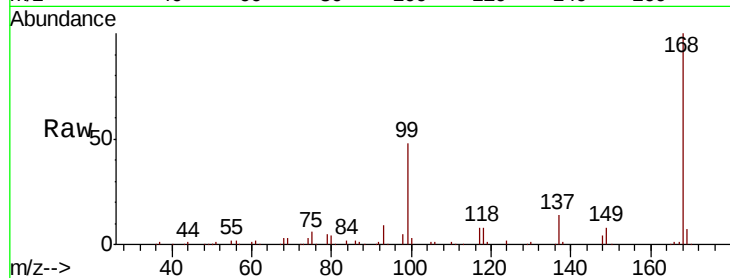
Tot Ion:117 Resp: 11496

Ion Ratio Lower Upper

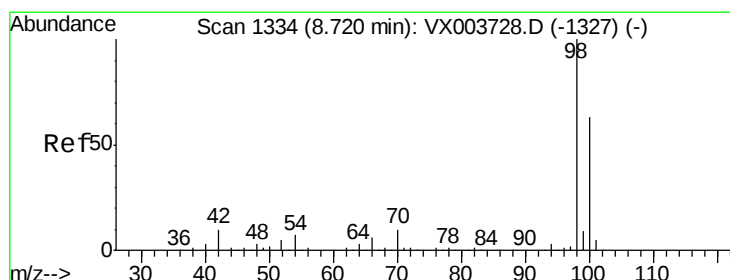
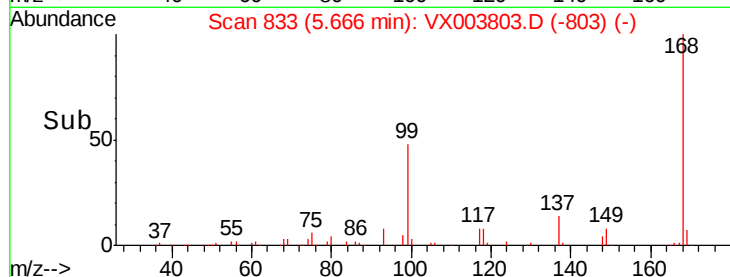
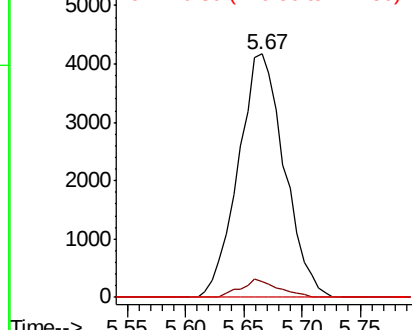
117 100

119 6.5 77.2 115.8#

121 0.0 25.0 37.4#



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: 39.55 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003803.D

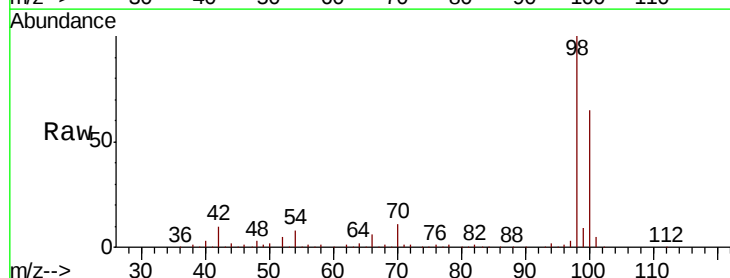
Acq: 01 Aug 2018 19:14

Tgt Ion: 98 Resp: 188112

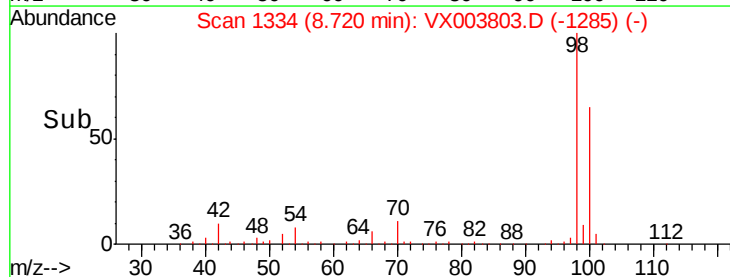
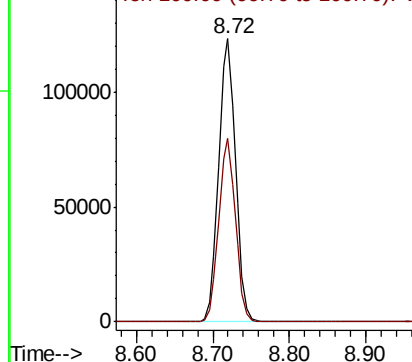
Ion Ratio Lower Upper

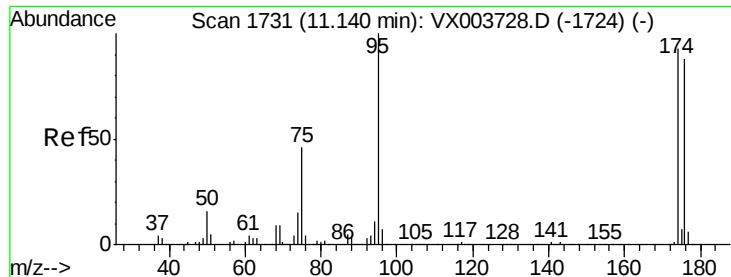
98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 37.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003803.D

Acq: 01 Aug 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

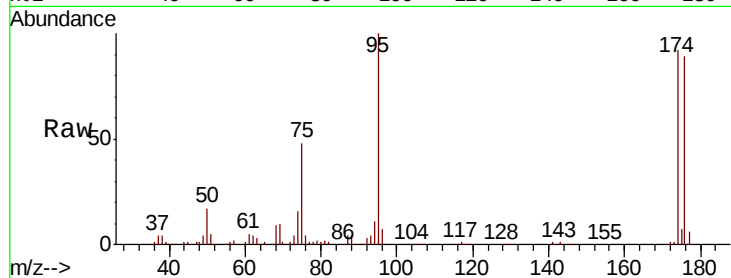
Tot Ion: 95 Resp: 66554

Ion Ratio Lower Upper

95 100

174 94.0 0.0 186.2

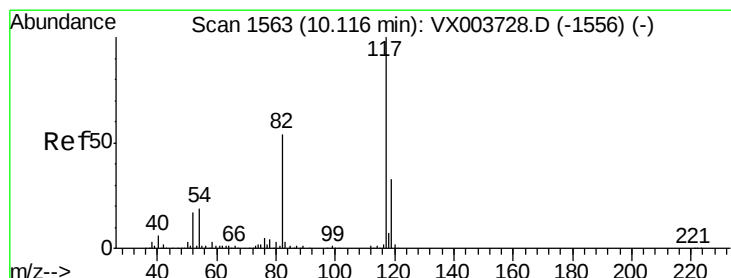
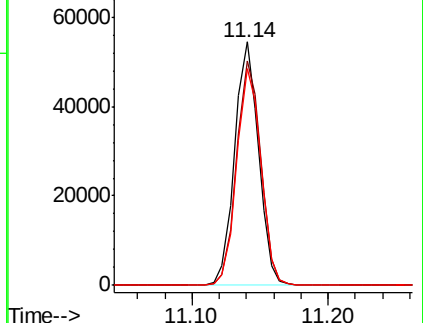
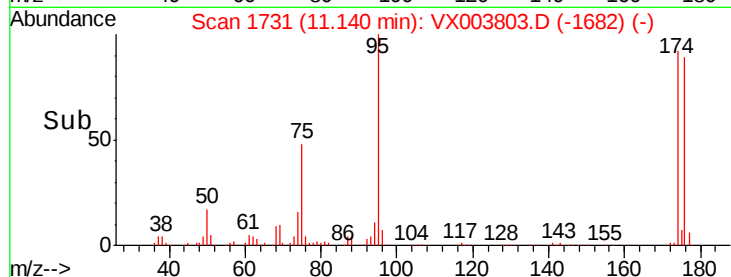
176 90.5 0.0 179.2



Abundance Ion 94.90 (94.60 to 95.60): VX003803.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003803.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003803.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003803.D

Acq: 01 Aug 2018 19:14

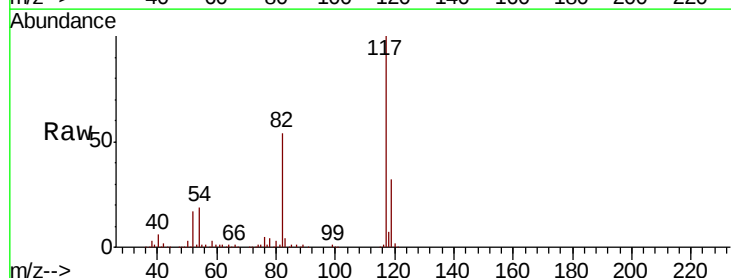
Tgt Ion: 117 Resp: 180342

Ion Ratio Lower Upper

117 100

82 53.9 43.2 64.8

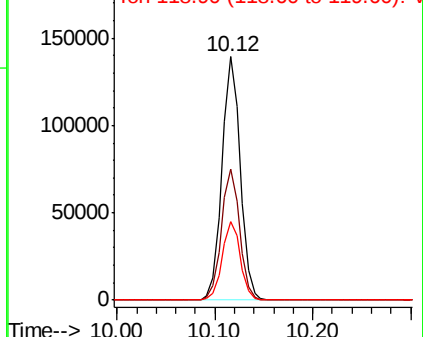
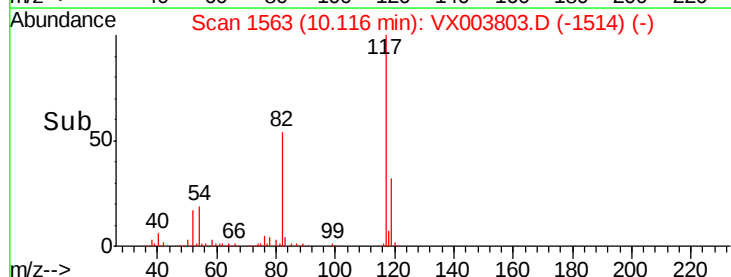
119 32.4 26.3 39.5

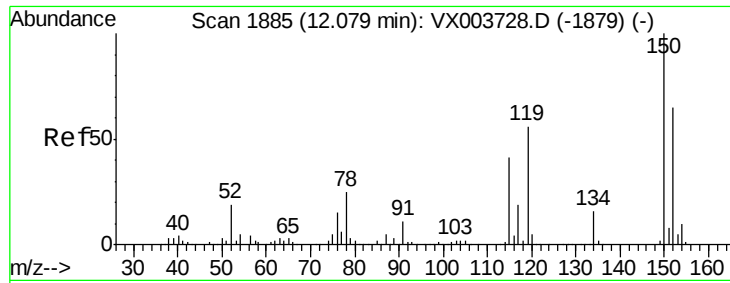


Abundance Ion 116.90 (116.60 to 117.60): VX003803.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003803.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003803.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003803.D

Acq: 01 Aug 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

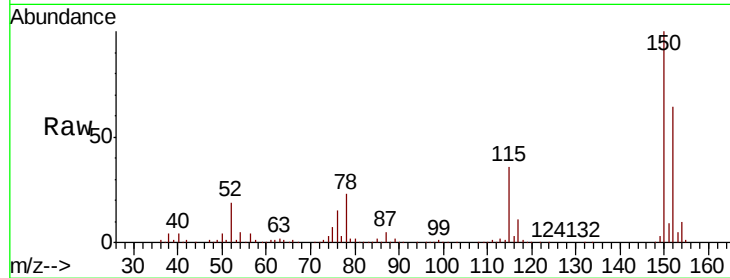
Tot Ion:152 Resp: 88839

Ion Ratio Lower Upper

152 100

115 54.3 38.5 115.3

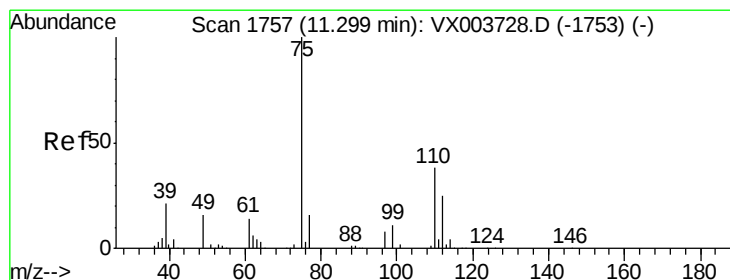
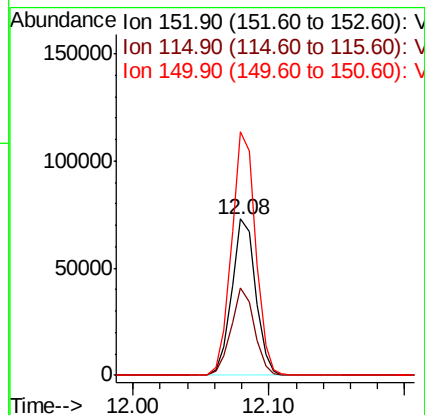
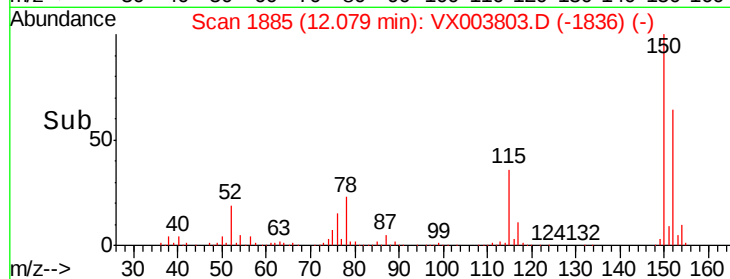
150 156.8 0.0 346.2



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: 26.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003803.D

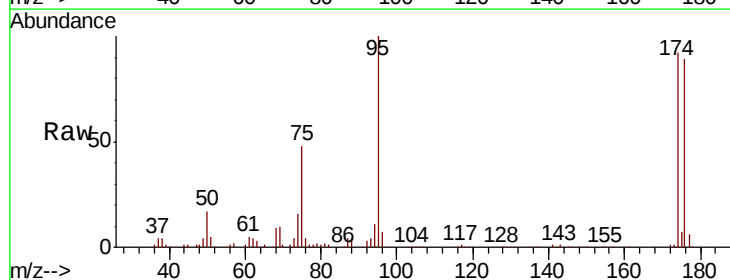
Acq: 01 Aug 2018 19:14

Tgt Ion: 75 Resp: 31957

Ion Ratio Lower Upper

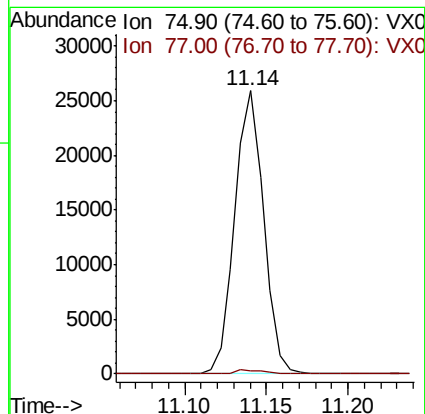
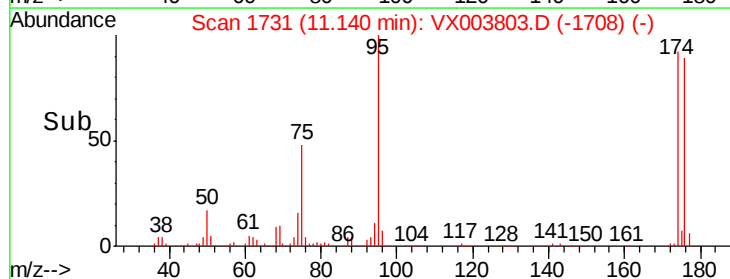
75 100

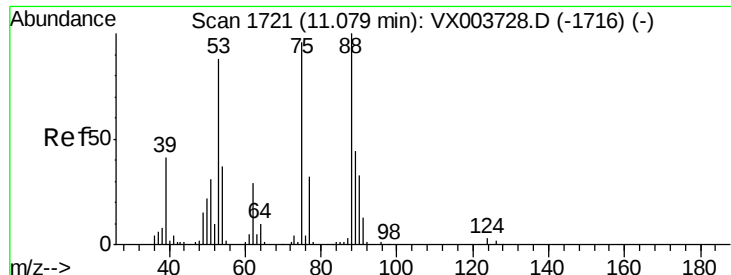
77 1.3 21.6 65.0#



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: 77.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003803.D

Acq: 01 Aug 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 31957

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

89 0.0 39.1 58.7#

