

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003798.D
 Acq On : 01 Aug 2018 17:08
 Operator : JC/SP
 Sample : J4143-05RE
 Misc : 11.19G/5.0mL/MSVOA X/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 02 05:55:32 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	145904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	215935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	177976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	69902	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	58306	39.51	ug/l	0.00
Spiked Amount			Recovery	=	79.02%	
35) Dibromofluoromethane	5.51	113	41938	32.98	ug/l	0.00
Spiked Amount			Recovery	=	65.96%	
50) Toluene-d8	8.72	98	197566	37.27	ug/l	0.00
Spiked Amount			Recovery	=	74.54%	
62) 4-Bromofluorobenzene	11.14	95	59320	30.35	ug/l	0.00
Spiked Amount			Recovery	=	60.70%	

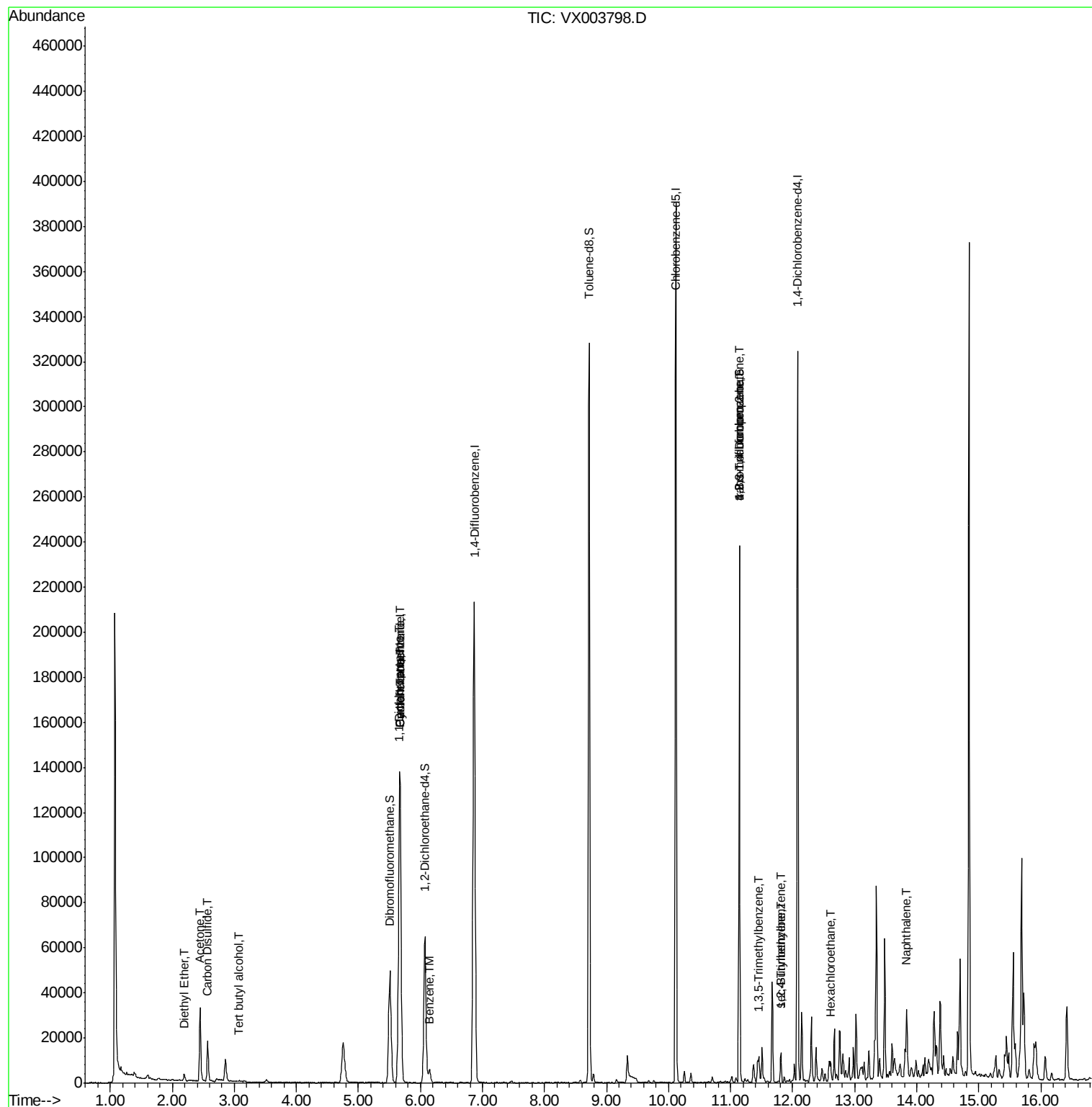
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	131	Below Cal	#	2
8) Diethyl Ether	2.19	74	1021	1.24	ug/l	92
11) Tert butyl alcohol	3.07	59	401	1.68	ug/l	# 73
16) Acetone	2.45	43	31800	56.42	ug/l	95
17) Carbon Disulfide	2.57	76	22267	5.25	ug/l	99
31) Cyclohexane	5.67	56	2563	1.09	ug/l	# 1
36) 1,1-Dichloropropene	5.65	75	9730	4.81	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	12638	6.76	ug/l	# 17
40) Benzene	6.15	78	6553	1.13	ug/l	# 90
76) 1,2,3-Trichloropropane	11.14	75	27802	28.86	ug/l	# 35
80) 1,3,5-Trimethylbenzene	11.46	105	9683	2.59	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.14	75	27802	85.47	ug/l	# 11
84) 1,2,4-Trimethylbenzene	11.81	105	5563	1.45	ug/l	98
85) sec-Butylbenzene	11.81	105	5563	1.18	ug/l	# 56
90) Hexachloroethane	12.61	117	1305	2.05	ug/l	# 1
95) Naphthalene	13.83	128	18772	5.15	ug/l	# 94

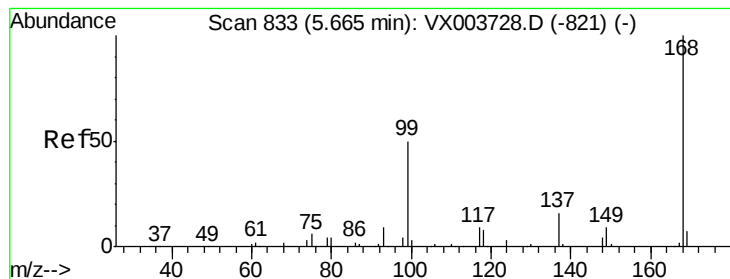
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003798.D
Acq On : 01 Aug 2018 17:08
Operator : JC/SP
Sample : J4143-05RE
Misc : 11.19G/5.0mL/MSVOA X/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 02 05:55:32 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: VX003798.D

Acq: 01 Aug 2018 17:08

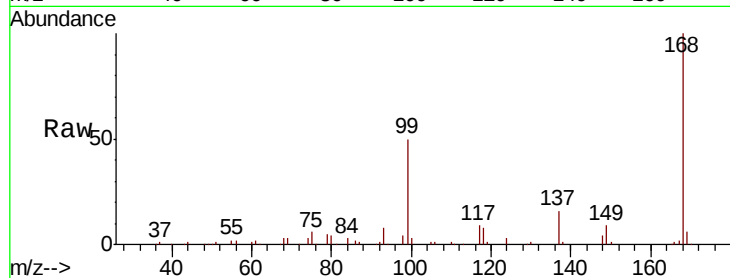
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 145904

Ion Ratio Lower Upper

168 100

99 50.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

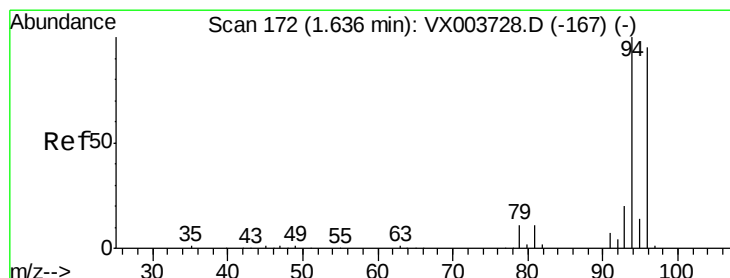
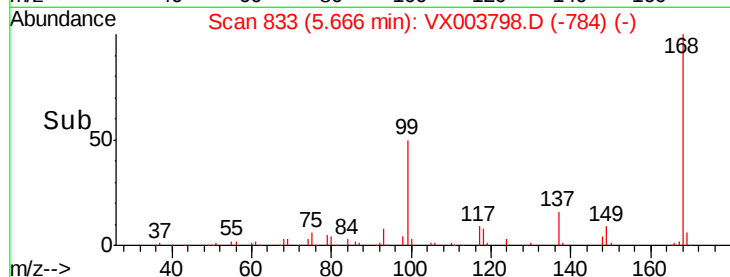
20000

10000

0

Time-->

5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003798.D

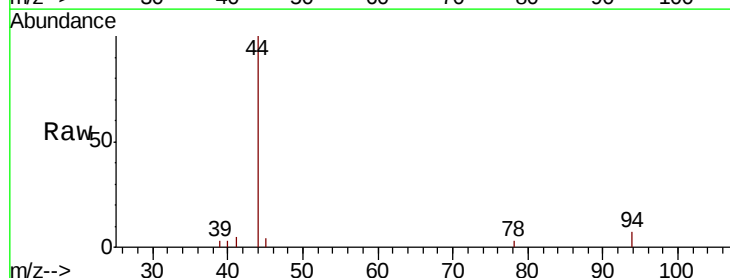
Acq: 01 Aug 2018 17:08

Tgt Ion: 94 Resp: 131

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

150

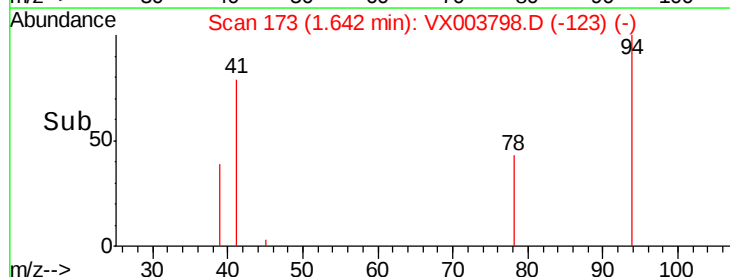
100

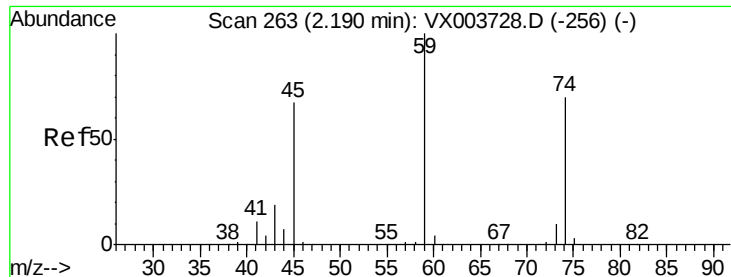
50

0

Time-->

1.62 1.64 1.66 1.68

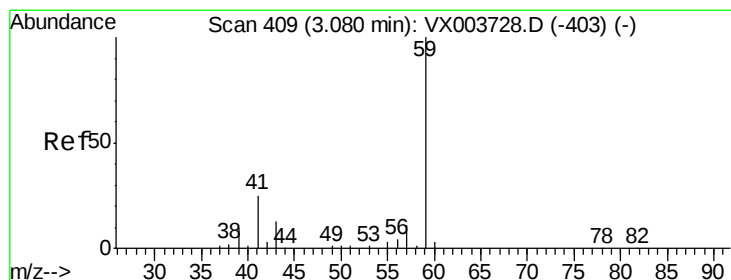
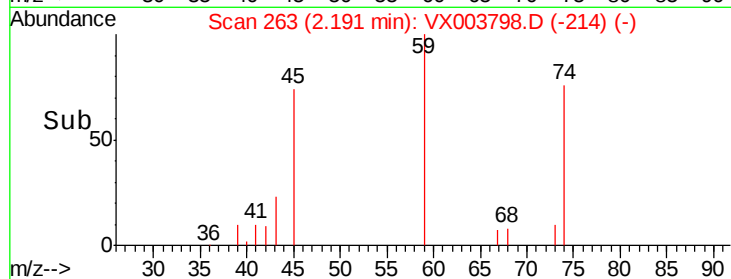
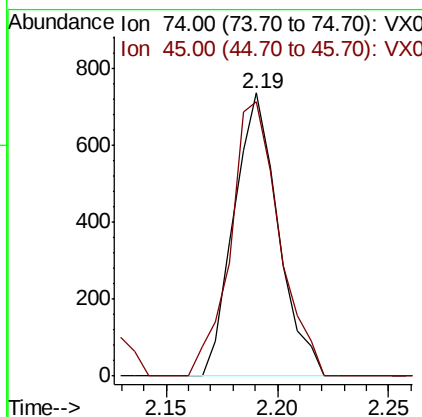
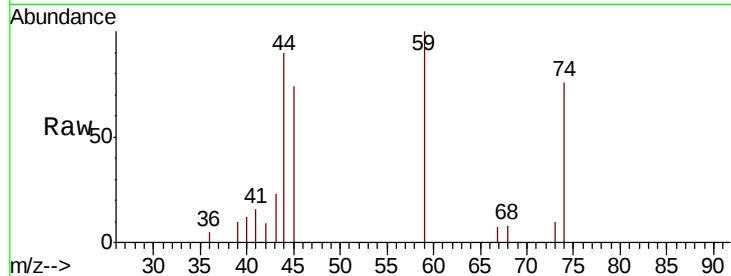




#8
 Diethyl Ether
 Concen: 1.24 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003798.D
 Acq: 01 Aug 2018 17:08

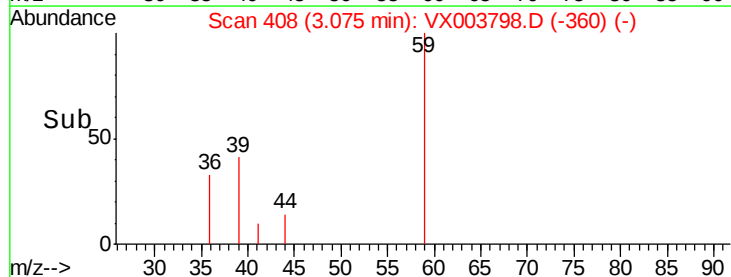
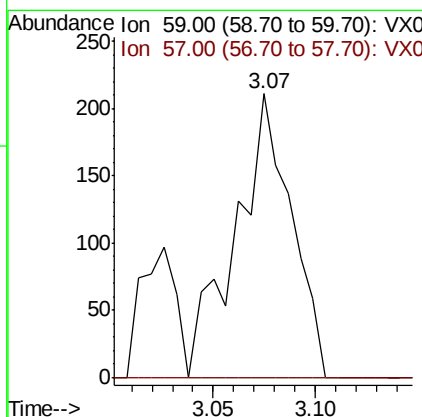
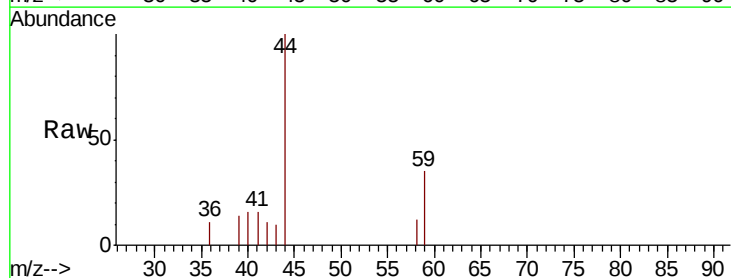
Instrument :
 MSVOA_X
 ClientSampled :

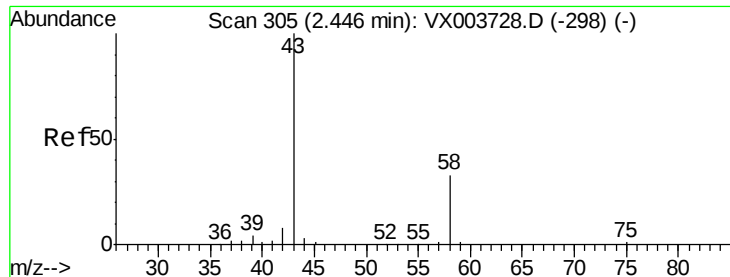
Tot Ion: 74 Resp: 1021
 Ion Ratio Lower Upper
 74 100
 45 107.0 49.5 148.7



#11
 Tert butyl alcohol
 Concen: 1.68 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003798.D
 Acq: 01 Aug 2018 17:08

Tgt Ion: 59 Resp: 401
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#





#16

Acetone

Concen: 56.42 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003798.D

Acq: 01 Aug 2018 17:08

Instrument :

MSVOA_X

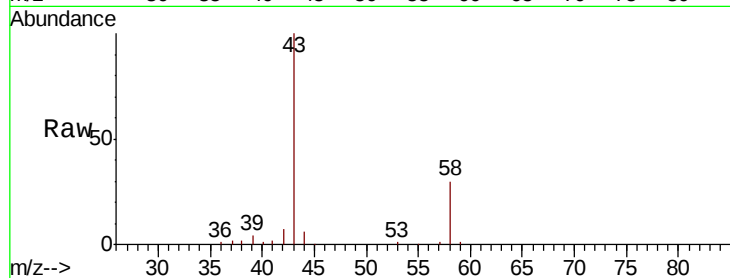
ClientSampleId :

Tot Ion: 43 Resp: 31800

Ion Ratio Lower Upper

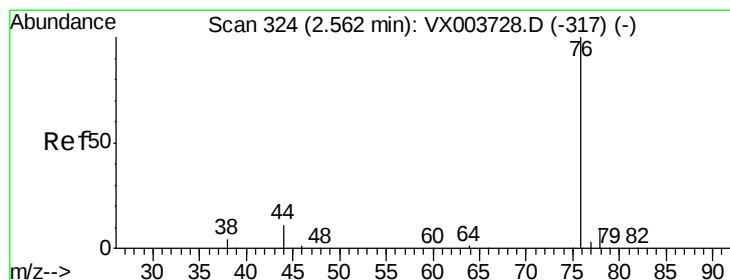
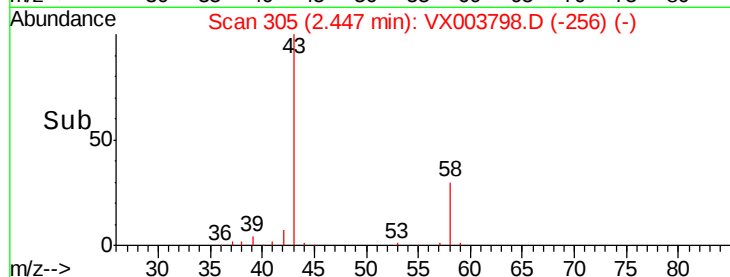
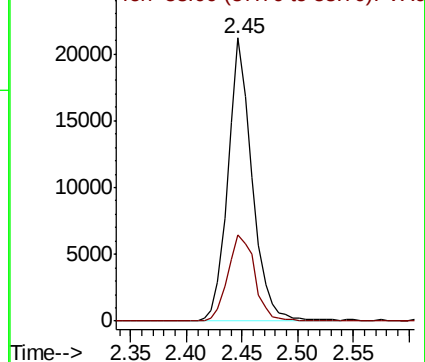
43 100

58 30.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 5.25 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003798.D

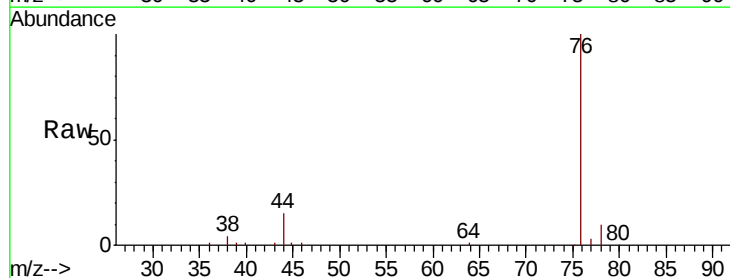
Acq: 01 Aug 2018 17:08

Tgt Ion: 76 Resp: 22267

Ion Ratio Lower Upper

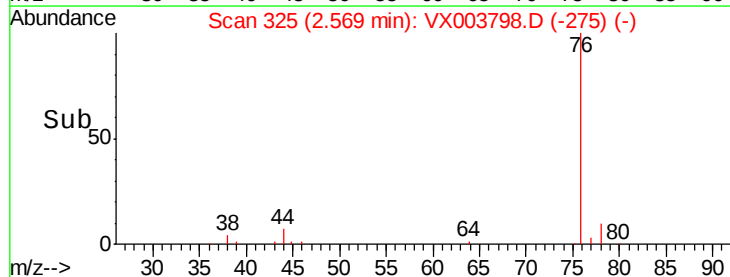
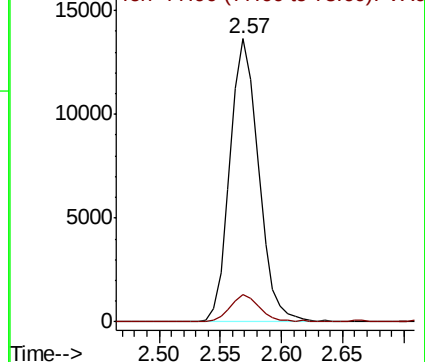
76 100

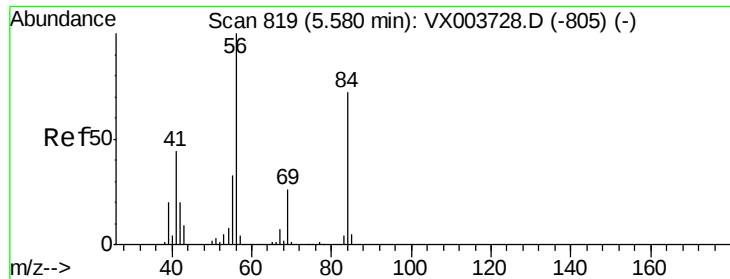
78 9.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

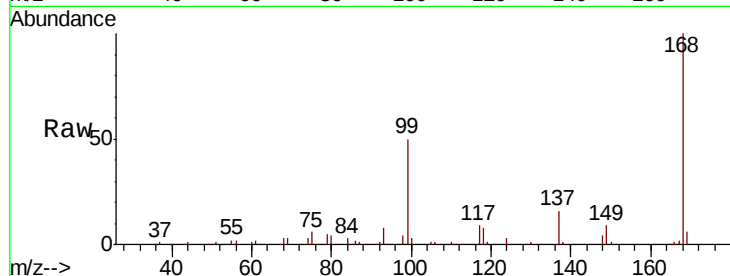




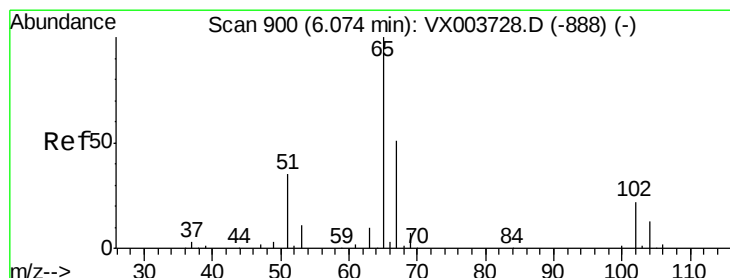
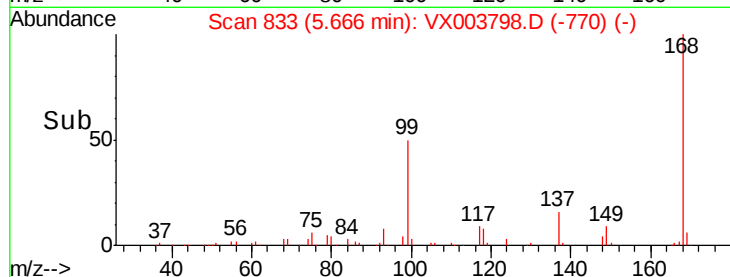
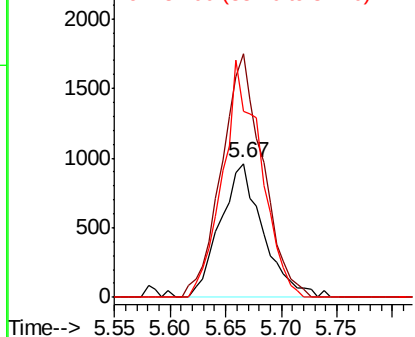
#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003798.D
Acq: 01 Aug 2018 17:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 2563
Ion Ratio Lower Upper
56 100
69 181.5 20.6 30.8#
84 138.6 57.9 86.9#

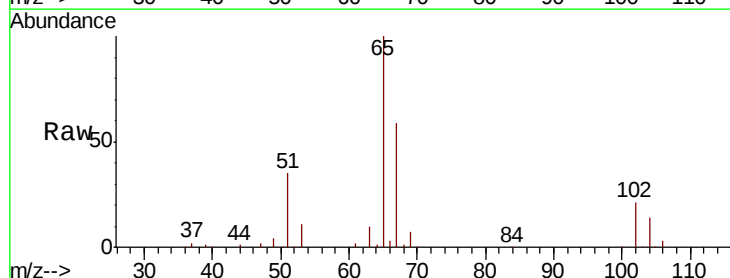


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

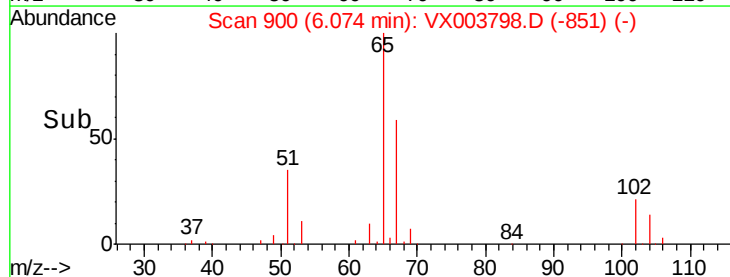
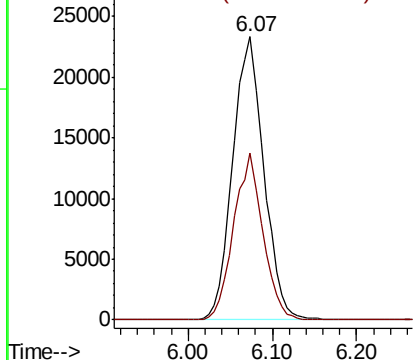


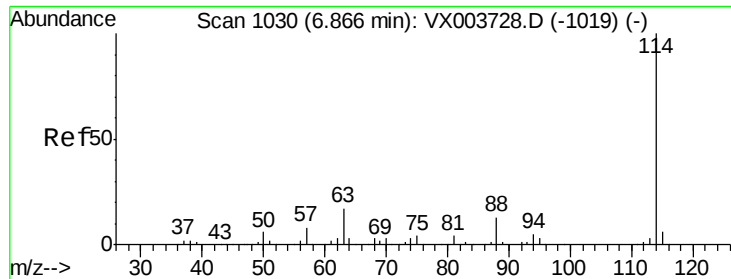
#33
1,2-Dichloroethane-d4
Concen: 39.51 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003798.D
Acq: 01 Aug 2018 17:08

Tgt Ion: 65 Resp: 58306
Ion Ratio Lower Upper
65 100
67 55.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

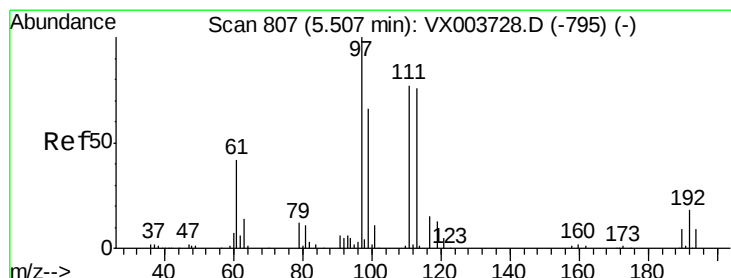
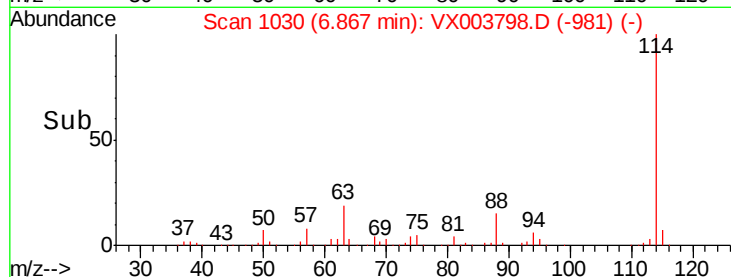
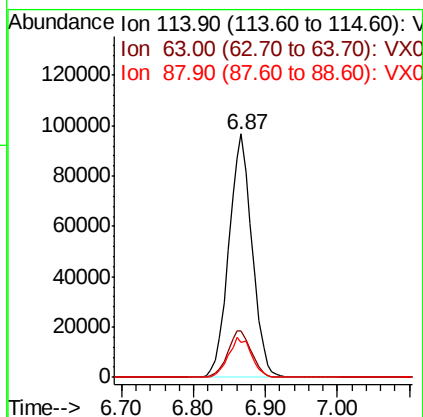
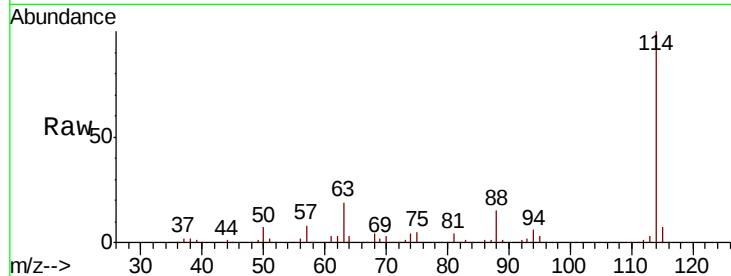




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003798.D
 Acq: 01 Aug 2018 17:08

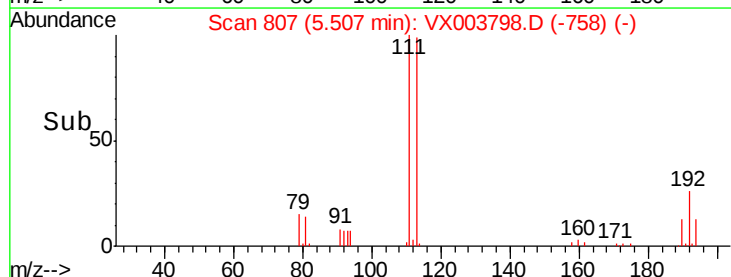
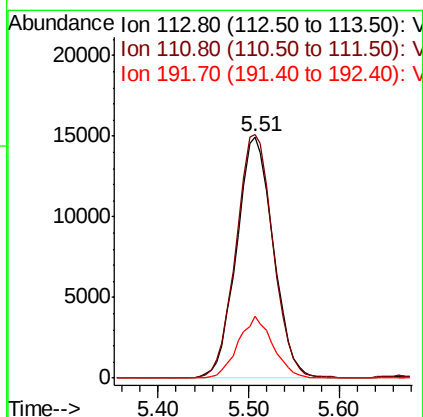
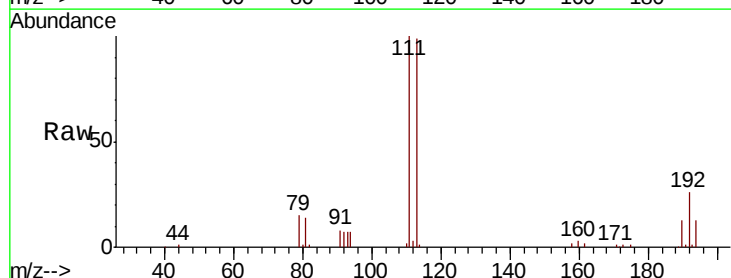
Instrument :
 MSVOA_X
 ClientSampleId :

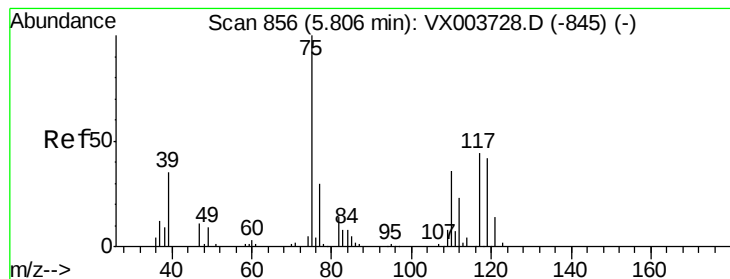
Tot Ion:114 Resp: 215935
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 34.0
 88 14.6 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 32.98 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003798.D
 Acq: 01 Aug 2018 17:08

Tgt Ion:113 Resp: 41938
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.6
 192 24.1 18.8 28.2





#36

1,1-Dichloropropene

Concen: 4.81 ug/l

RT: 5.65 min Scan# 831

Delta R.T. -0.15 min

Lab File: VX003798.D

Acq: 01 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

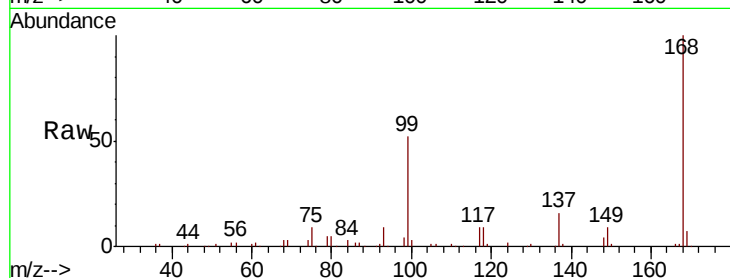
Tot Ion: 75 Resp: 9730

Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

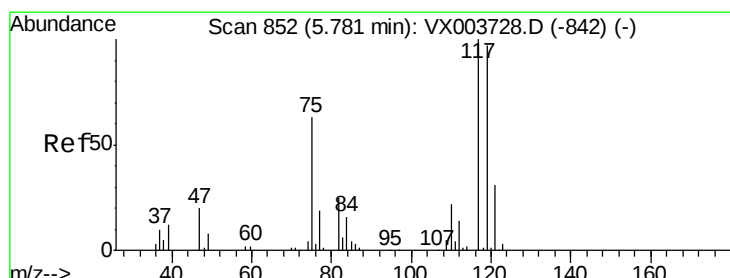
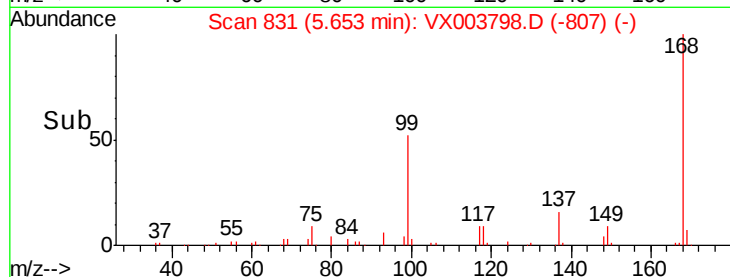
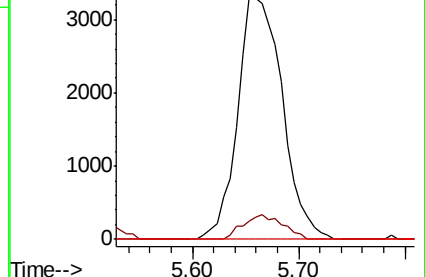
77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VX003728.D (-845) (-)

Ion 109.90 (109.60 to 110.60): VX003728.D (-845) (-)

Ion 76.90 (76.60 to 77.60): VX003728.D (-845) (-)



#38

Carbon Tetrachloride

Concen: 6.76 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003798.D

Acq: 01 Aug 2018 17:08

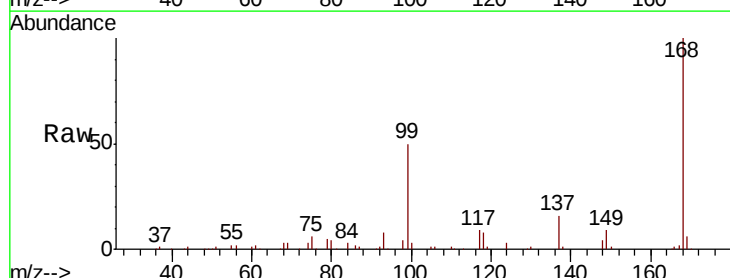
Tgt Ion: 117 Resp: 12638

Ion Ratio Lower Upper

117 100

119 6.2 77.2 115.8#

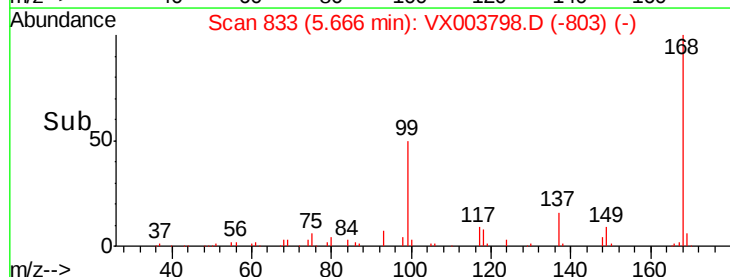
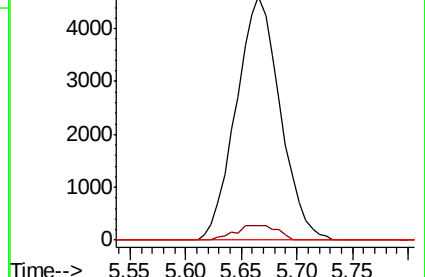
121 0.0 25.0 37.4#

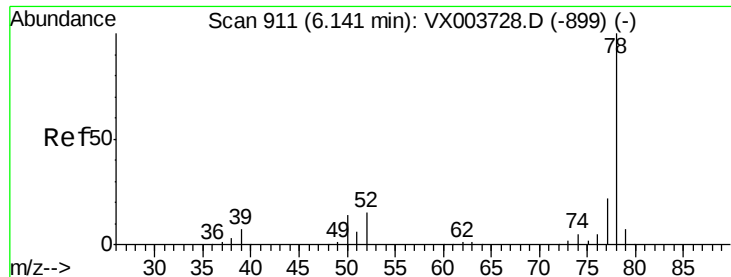


Abundance Ion 116.80 (116.50 to 117.50): VX003728.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX003728.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX003728.D (-842) (-)

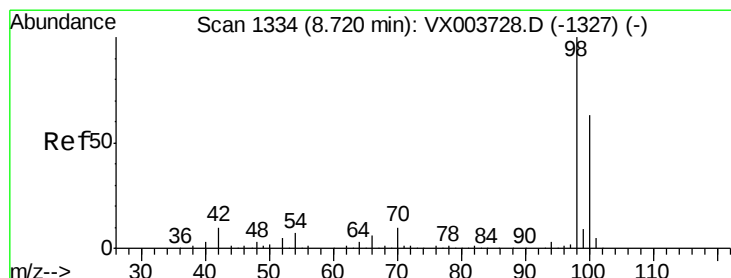
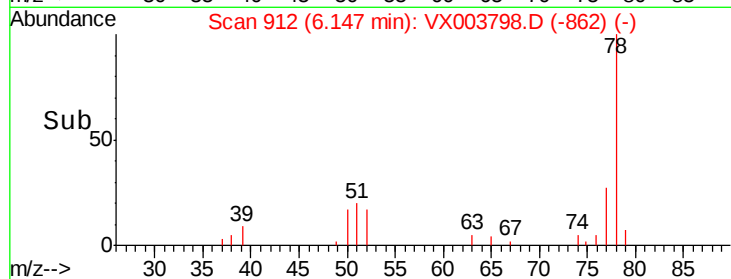
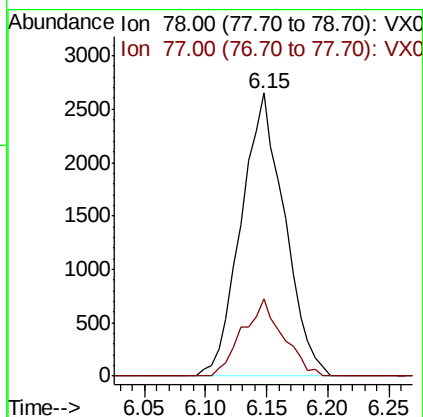
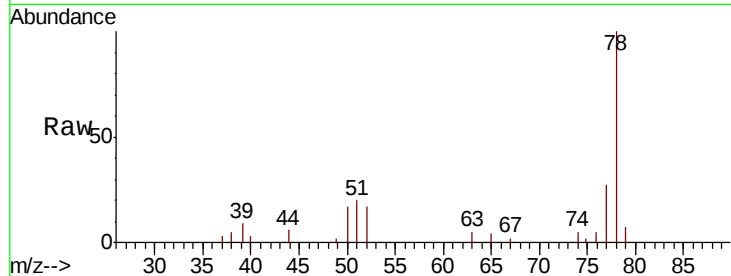




#40
Benzene
Concen: 1.13 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003798.D
Acq: 01 Aug 2018 17:08

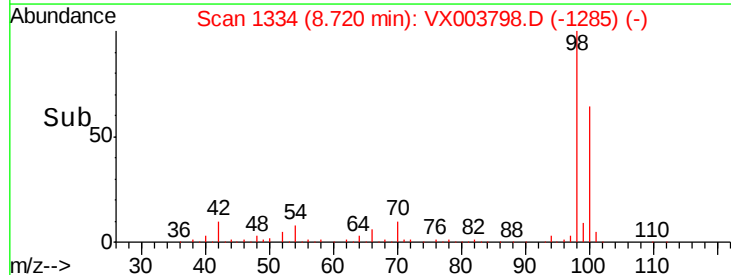
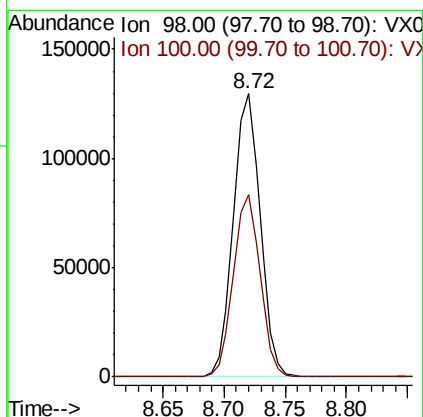
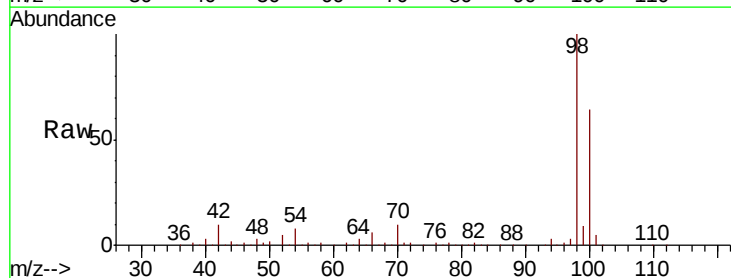
Instrument :
MSVOA_X
ClientSampleId :

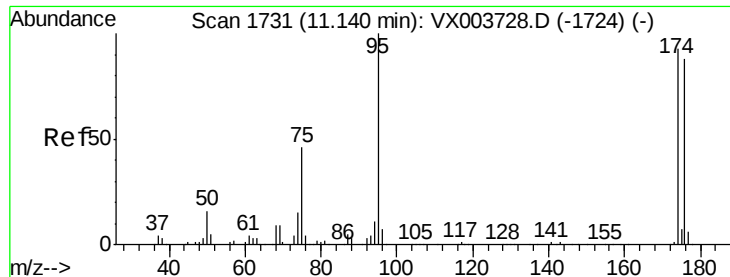
Tot Ion: 78 Resp: 6553
Ion Ratio Lower Upper
78 100
77 27.1 17.9 26.9#



#50
Toluene-d8
Concen: 37.27 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003798.D
Acq: 01 Aug 2018 17:08

Tgt Ion: 98 Resp: 197566
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 30.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003798.D

Acq: 01 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

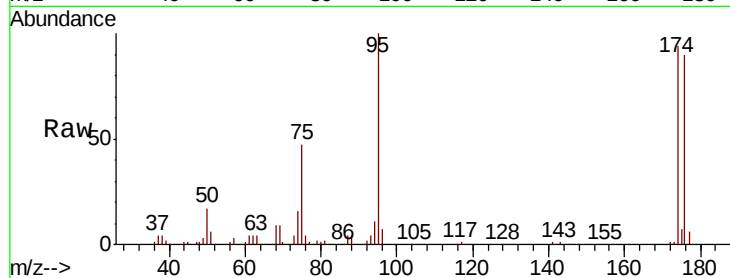
Tot Ion: 95 Resp: 59320

Ion Ratio Lower Upper

95 100

174 92.7 0.0 186.2

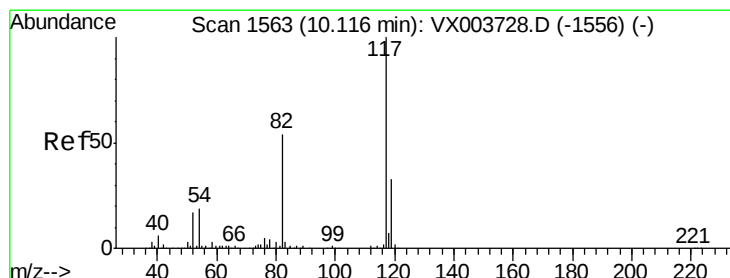
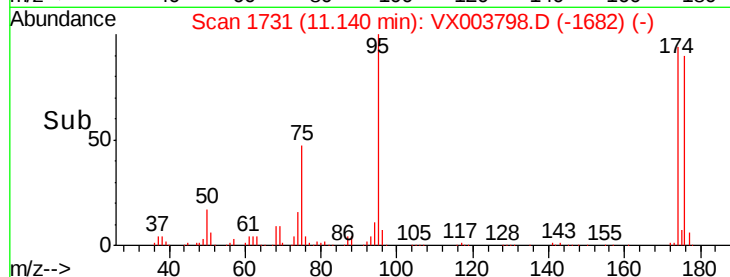
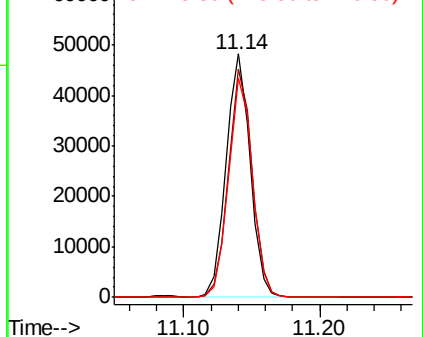
176 89.4 0.0 179.2



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003798.D

Acq: 01 Aug 2018 17:08

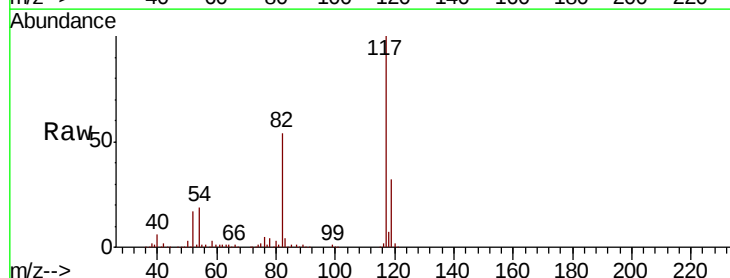
Tgt Ion: 117 Resp: 177976

Ion Ratio Lower Upper

117 100

82 53.7 43.2 64.8

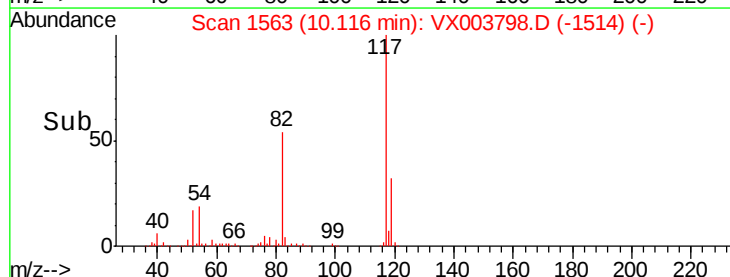
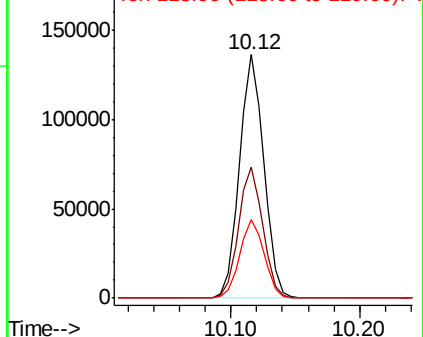
119 32.2 26.3 39.5

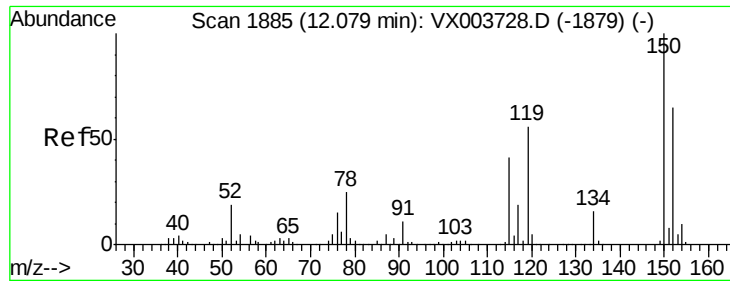


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003798.D

Acq: 01 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampled :

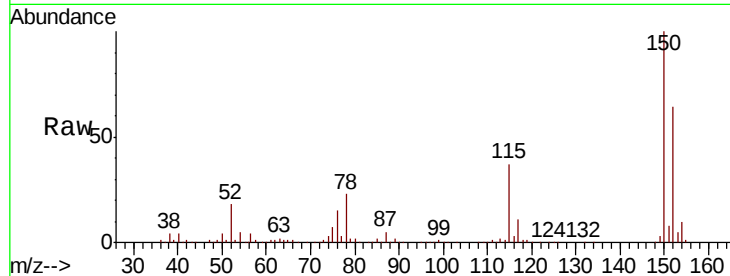
Tot Ion:152 Resp: 69902

Ion Ratio Lower Upper

152 100

115 55.8 38.5 115.3

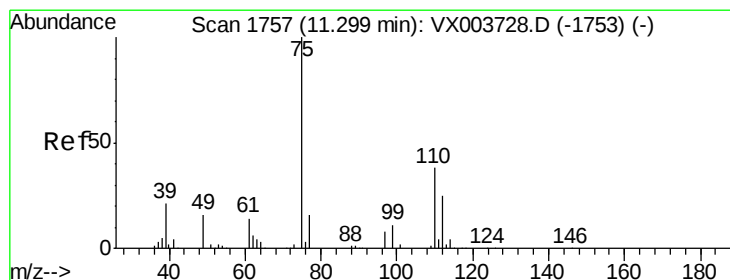
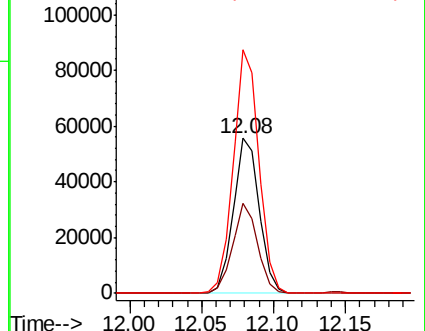
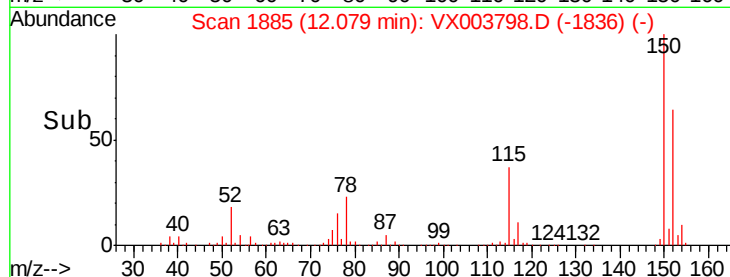
150 155.8 0.0 346.2



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: 28.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003798.D

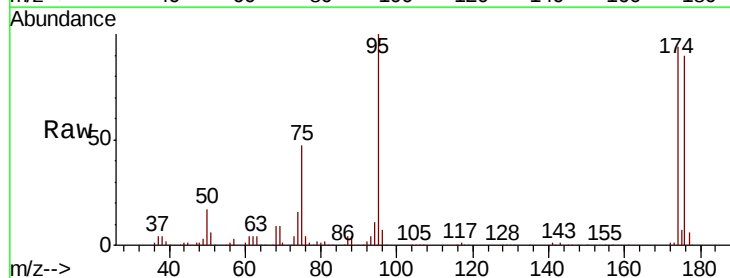
Acq: 01 Aug 2018 17:08

Tgt Ion: 75 Resp: 27802

Ion Ratio Lower Upper

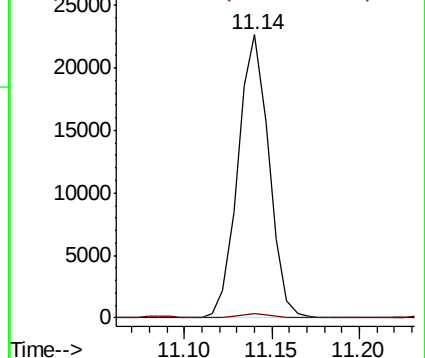
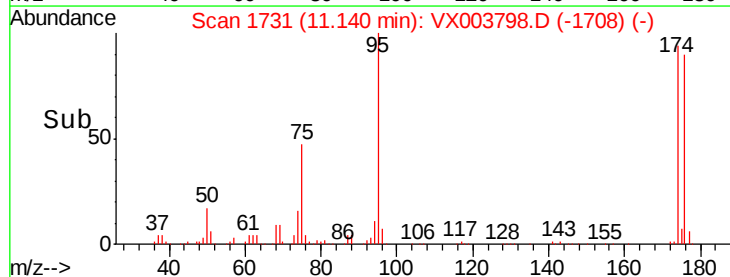
75 100

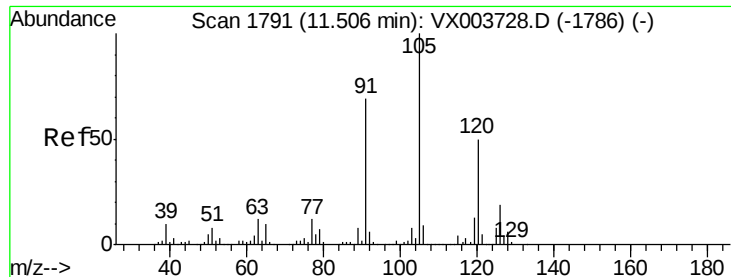
77 1.5 21.6 65.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

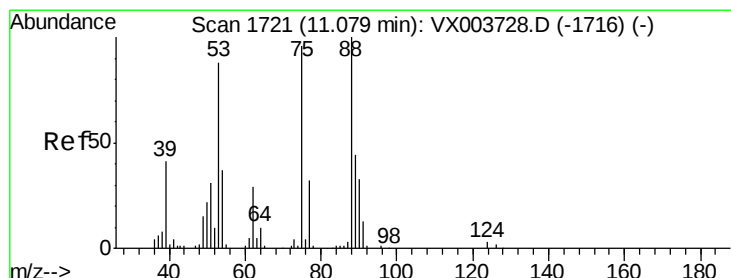
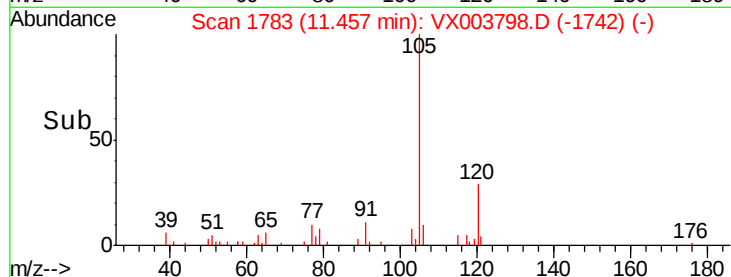
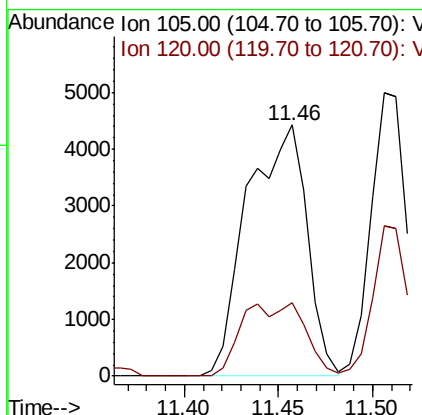
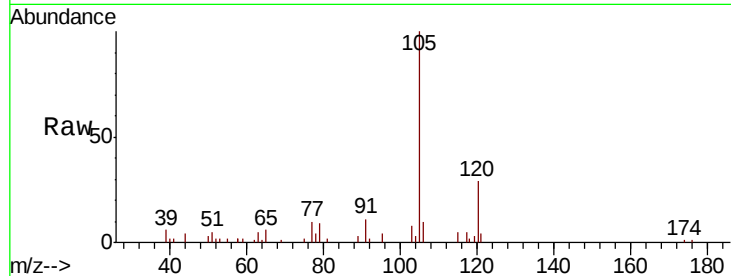




#80
 1,3,5-Trimethylbenzene
 Concen: 2.59 ug/l
 RT: 11.46 min Scan# 1783
 Delta R.T. -0.05 min
 Lab File: VX003798.D
 Acq: 01 Aug 2018 17:08

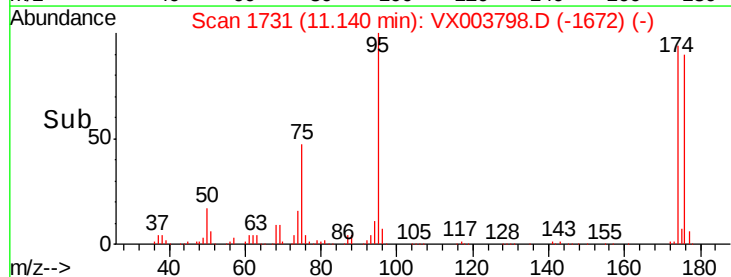
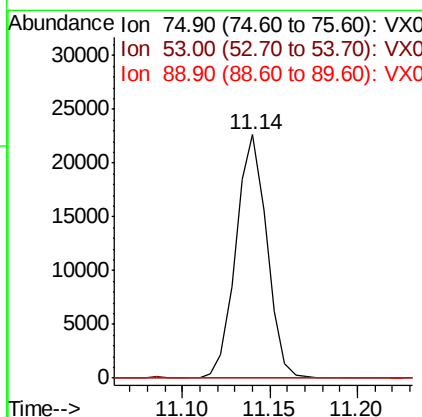
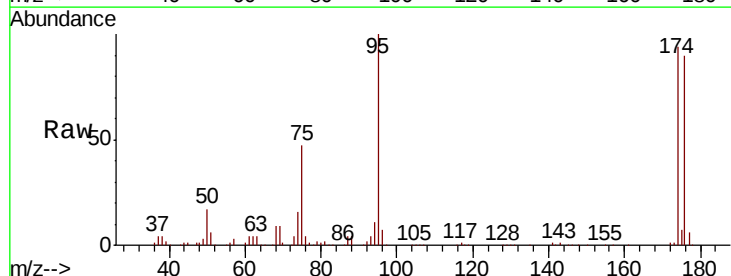
Instrument :
 MSVOA_X
 ClientSampled :

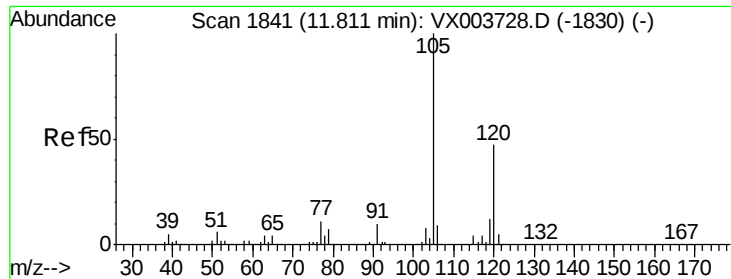
Tot Ion:105 Resp: 9683
 Ion Ratio Lower Upper
 105 100
 120 15.9 15.8 47.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.47 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003798.D
 Acq: 01 Aug 2018 17:08

Tgt Ion: 75 Resp: 27802
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 39.1 58.7#

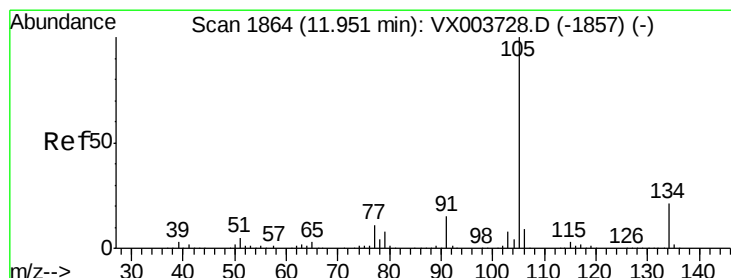
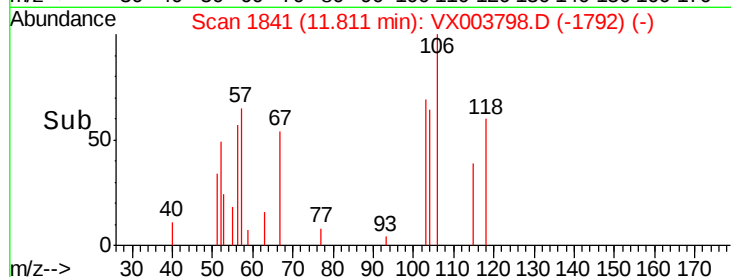
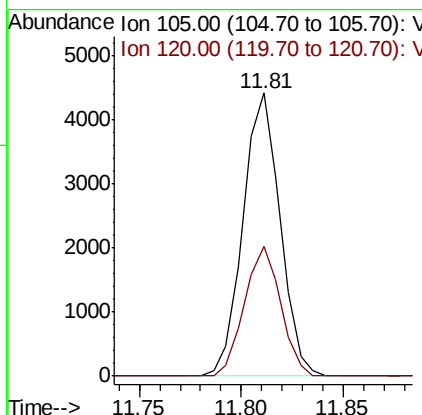
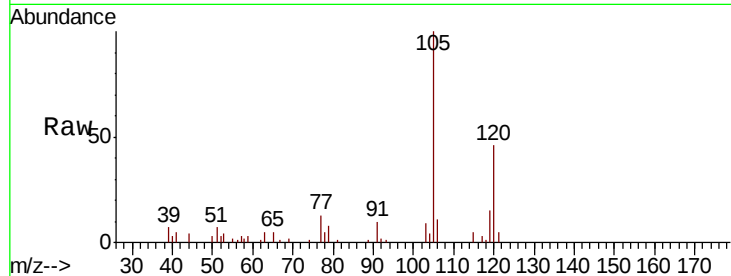




#84
 1,2,4-Trimethylbenzene
 Concen: 1.45 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003798.D
 Acq: 01 Aug 2018 17:08

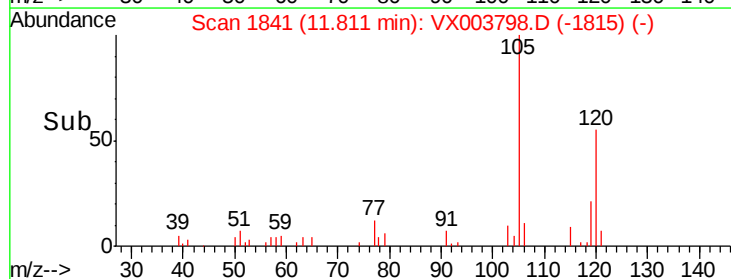
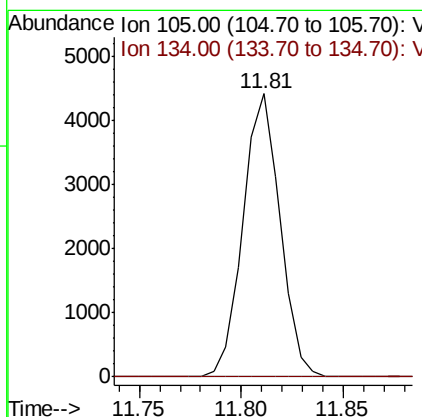
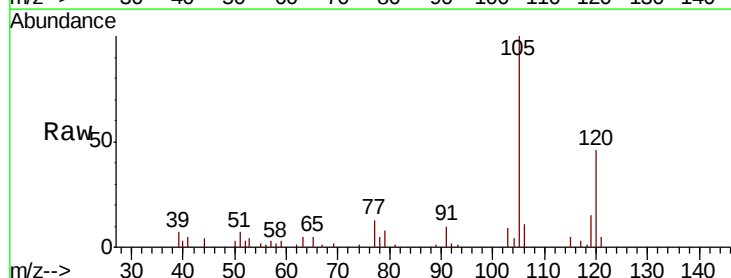
Instrument :
 MSVOA_X
 ClientSampleId :

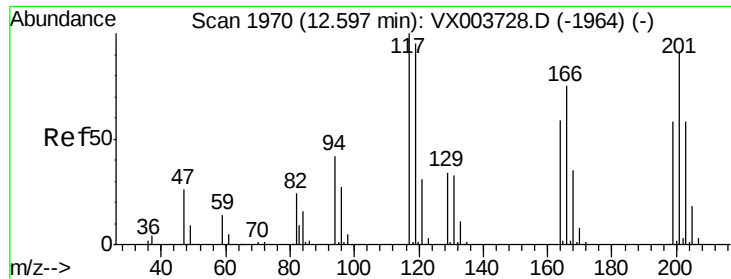
Tot Ion:105 Resp: 5563
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 1.18 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.14 min
 Lab File: VX003798.D
 Acq: 01 Aug 2018 17:08

Tgt Ion:105 Resp: 5563
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#





#90

Hexachloroethane

Concen: 2.05 ug/l

RT: 12.61 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VX003798.D

Acq: 01 Aug 2018 17:08

Instrument :

MSVOA_X

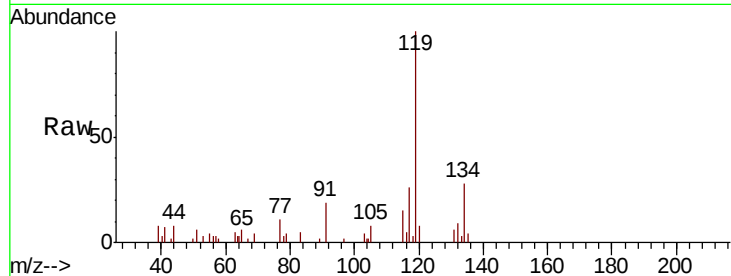
ClientSampleId :

Tot Ion:117 Resp: 1305

Ion Ratio Lower Upper

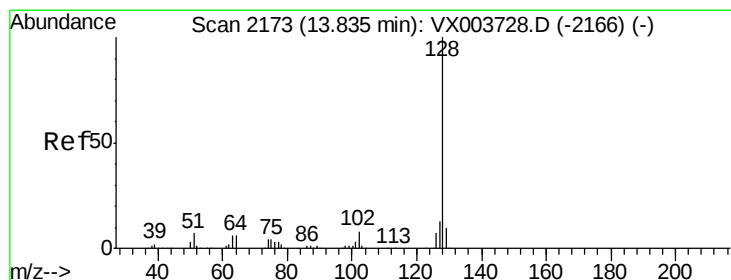
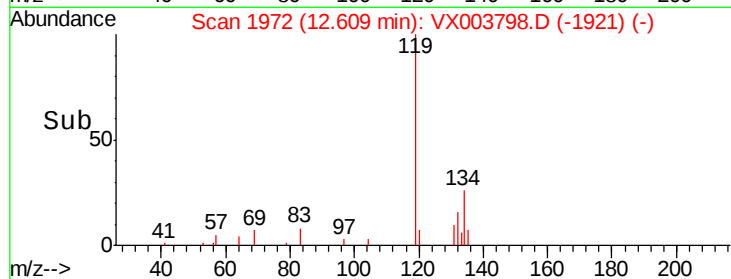
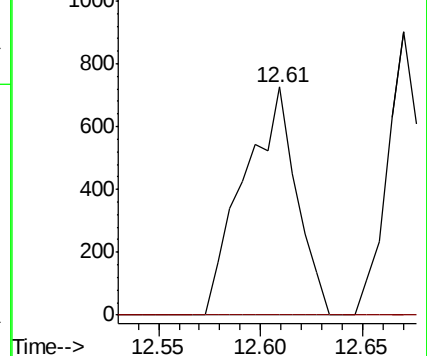
117 100

201 0.0 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 5.15 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003798.D

Acq: 01 Aug 2018 17:08

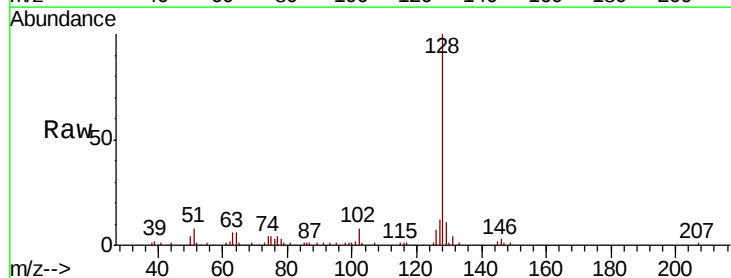
Tgt Ion:128 Resp: 18772

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

129 14.9 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

