

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003817.D
 Acq On : 02 Aug 2018 01:08
 Operator : JC/SP
 Sample : J4164-06
 Misc : 11.09G/5.0mL/MSVOA X/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 02 06:00:34 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	53481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	69847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	47976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	13526	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	20825	38.50	ug/l	0.00
Spiked Amount			Recovery	=	77.00%	
35) Dibromofluoromethane	5.51	113	18685	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	
50) Toluene-d8	8.72	98	63780	37.19	ug/l	0.00
Spiked Amount			Recovery	=	74.38%	
62) 4-Bromofluorobenzene	11.14	95	13612	21.53	ug/l	0.00
Spiked Amount			Recovery	=	43.06%	

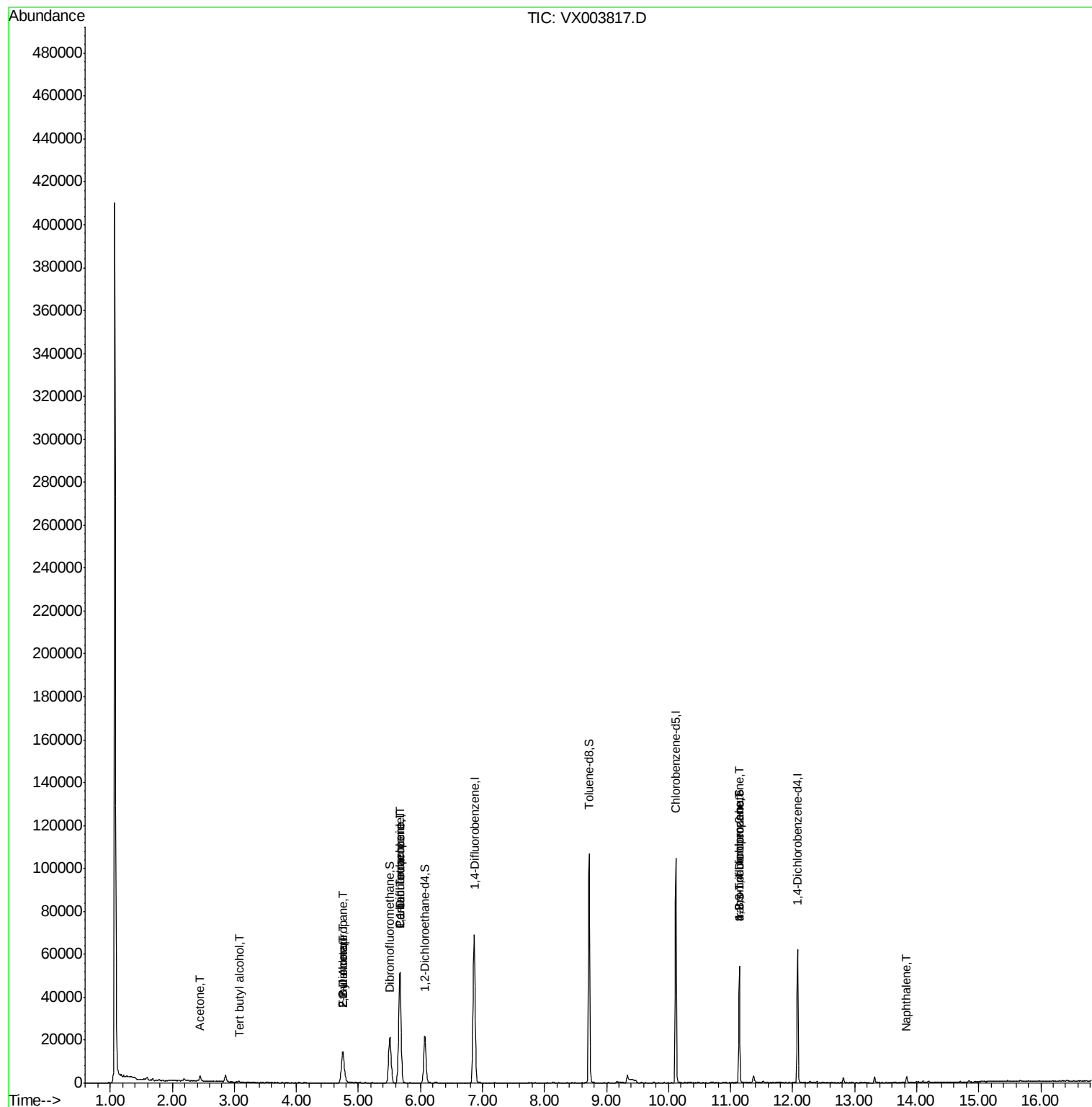
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	136	Below Cal		97
11) Tert butyl alcohol	3.07	59	196	2.24	ug/l #	73
16) Acetone	2.45	43	2438	11.80	ug/l	93
20) Methylene Chloride	2.86	84	1455	Below Cal		90
25) 2-Butanone	4.74	43	1066	3.54	ug/l #	49
26) 2,2-Dichloropropane	4.74	77	1274	1.81	ug/l #	51
36) 1,1-Dichloropropene	5.67	75	3482	5.32	ug/l #	48
37) Ethyl Acetate	4.74	43	1066	2.12	ug/l #	10
38) Carbon Tetrachloride	5.67	117	4662	7.71	ug/l #	18
76) 1,2,3-Trichloropropane	11.14	75	6519	34.97	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.14	75	6519	103.57	ug/l #	11
95) Naphthalene	13.83	128	2178	3.09	ug/l	98

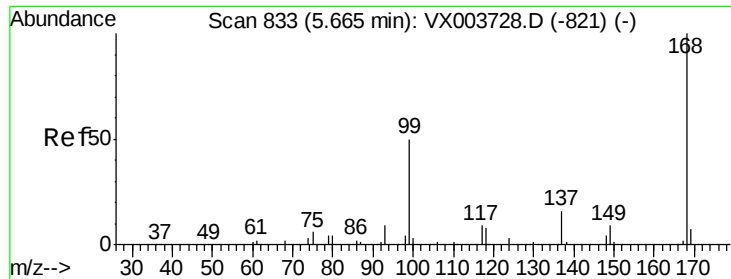
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080118\
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ClientSampleId :

Quant Time: Aug 02 06:00:34 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: VX003817.D

Acq: 02 Aug 2018 01:08

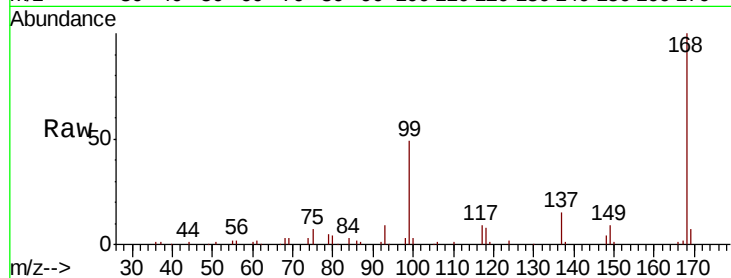
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 53481

Ion Ratio Lower Upper

168 100

99 48.9 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

20000

15000

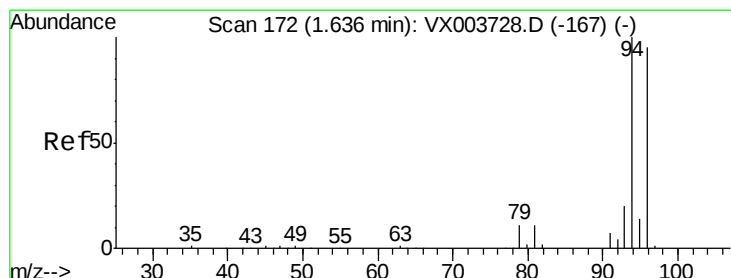
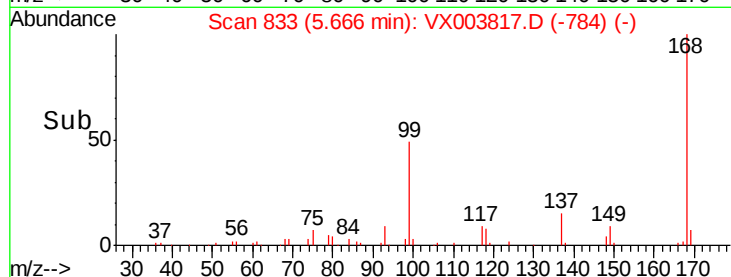
10000

5000

0

Time-->

5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003817.D

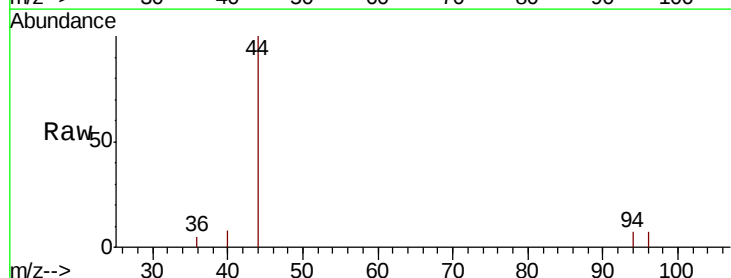
Acq: 02 Aug 2018 01:08

Tgt Ion: 94 Resp: 136

Ion Ratio Lower Upper

94 100

96 97.8 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

120 Ion 95.90 (95.60 to 96.60): VX0

1.65

100

80

60

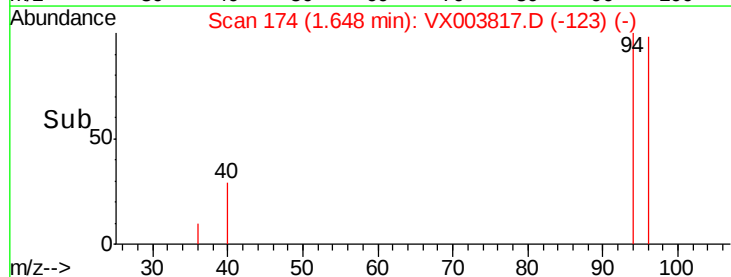
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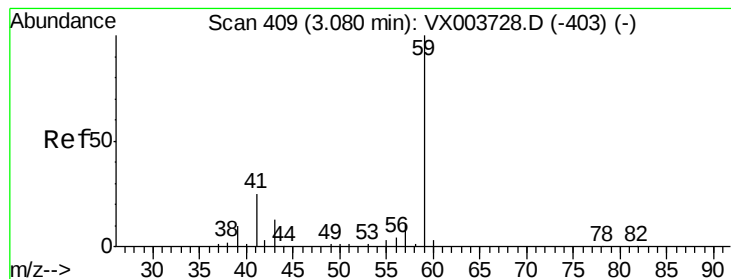
20

0

Time-->

1.62 1.64 1.66 1.68 1.70



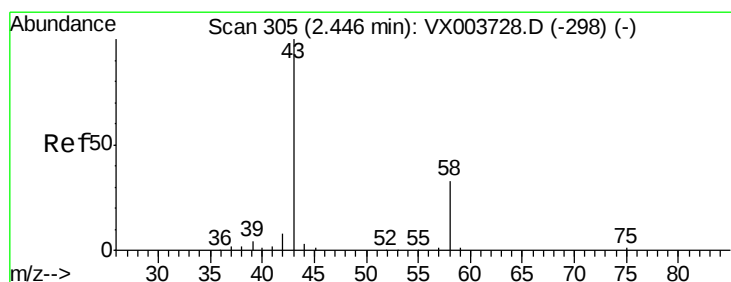
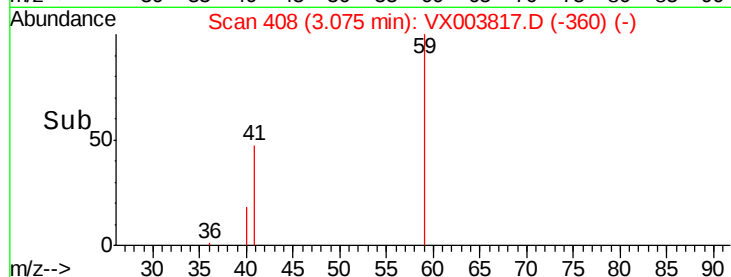
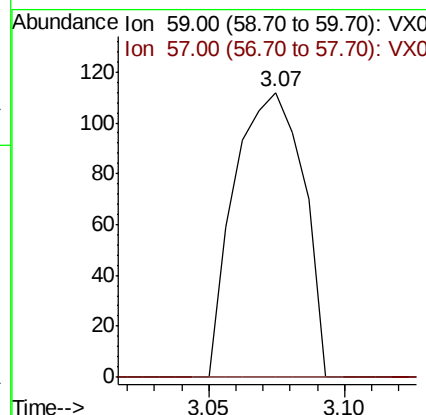
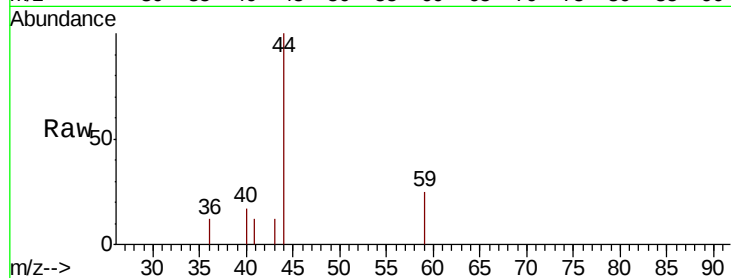


#11

Tert butyl alcohol
 Concen: 2.24 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

Instrument :
 MSVOA_X
 ClientSampleId :

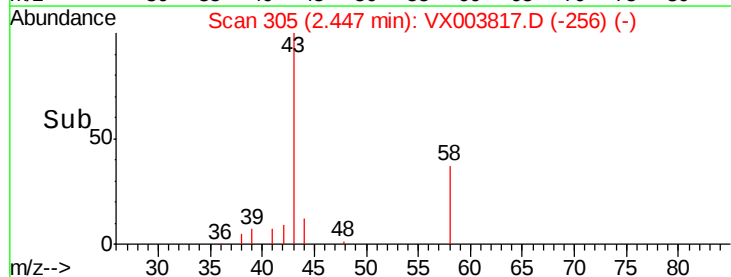
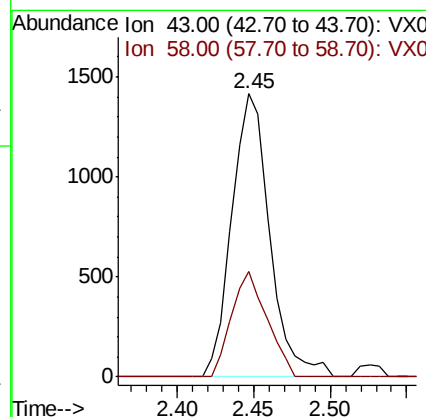
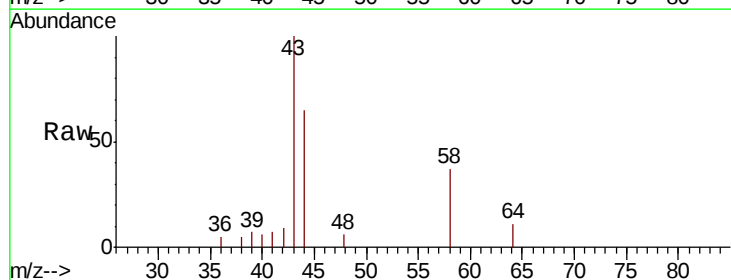
Tot Ion: 59 Resp: 196
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

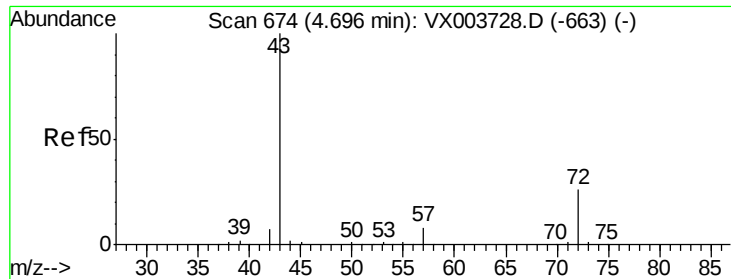


#16

Acetone
 Concen: 11.80 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

Tgt Ion: 43 Resp: 2438
 Ion Ratio Lower Upper
 43 100
 58 37.2 26.7 40.1

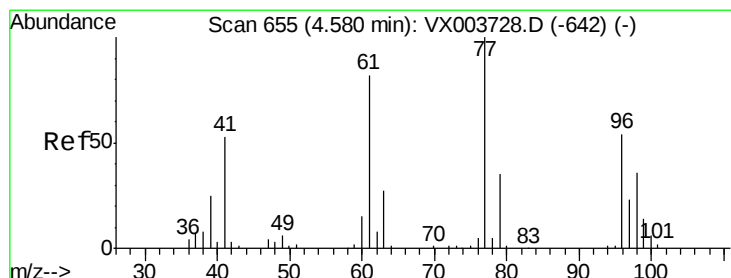
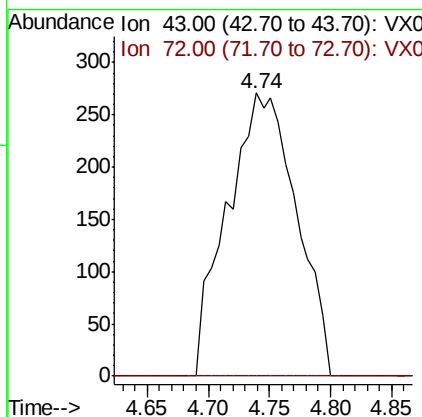
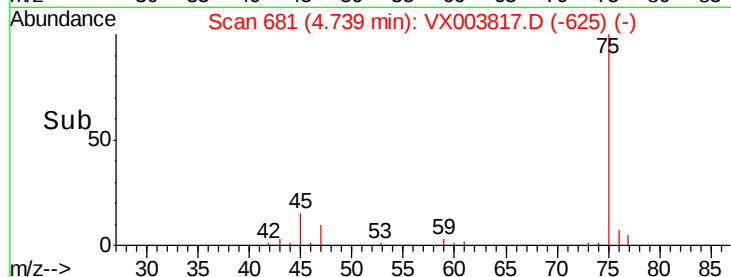
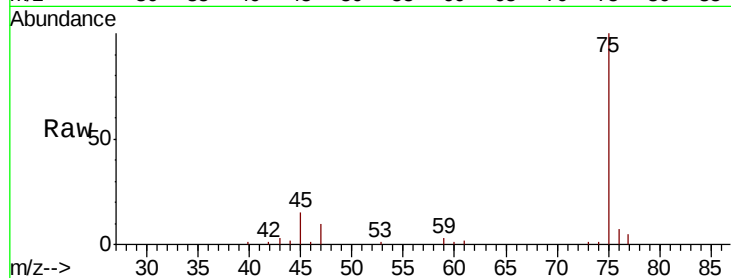




#25
 2-Butanone
 Concen: 3.54 ug/l
 RT: 4.74 min Scan# 681
 Delta R.T. 0.04 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

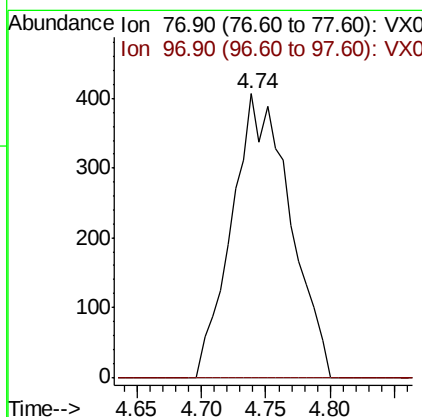
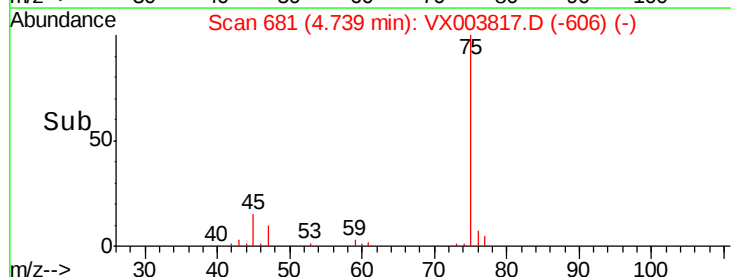
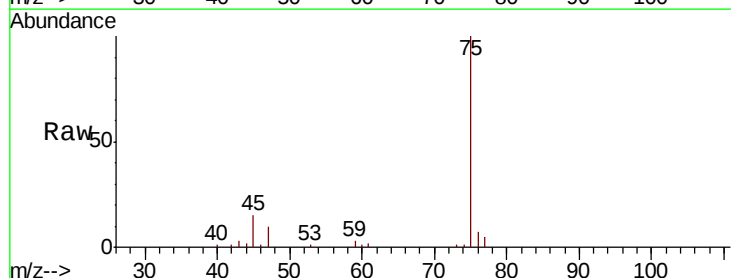
Instrument :
 MSVOA_X
 ClientSampleId :

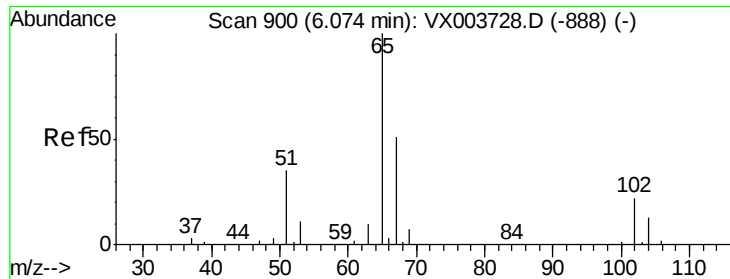
Tot Ion: 43 Resp: 1066
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.9 31.3#



#26
 2,2-Dichloropropane
 Concen: 1.81 ug/l
 RT: 4.74 min Scan# 681
 Delta R.T. 0.16 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

Tgt Ion: 77 Resp: 1274
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.2 36.6#

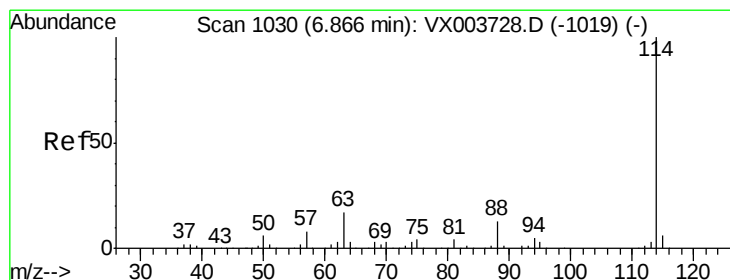
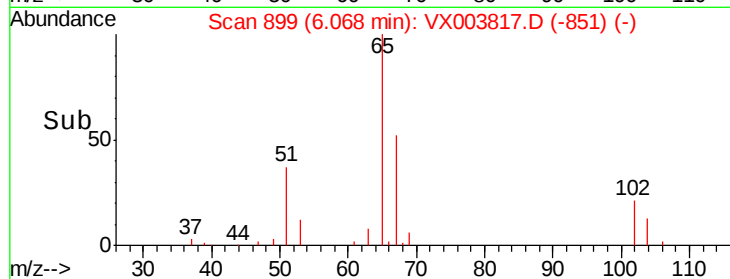
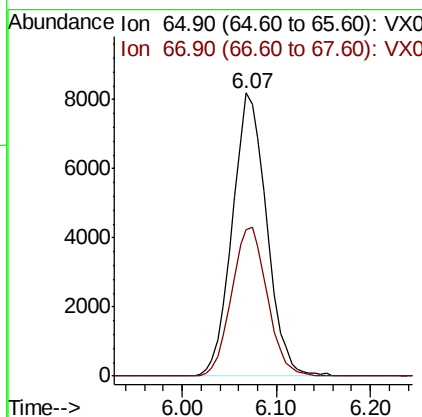
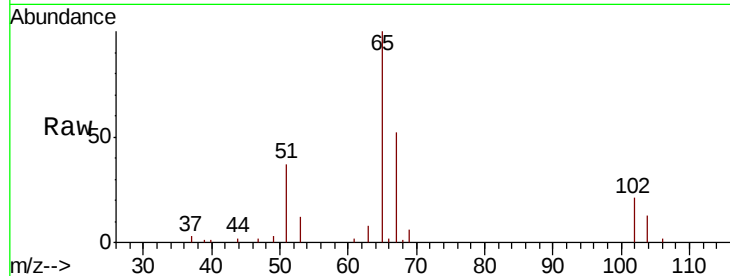




#33
 1,2-Dichloroethane-d4
 Concen: 38.50 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

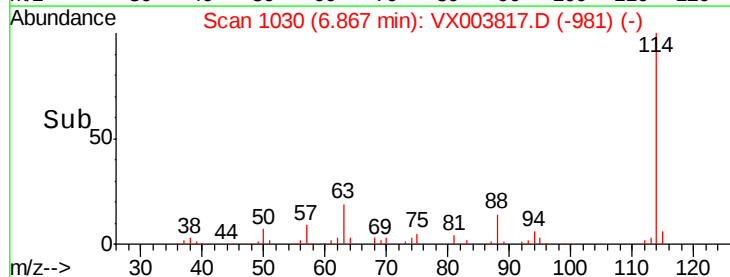
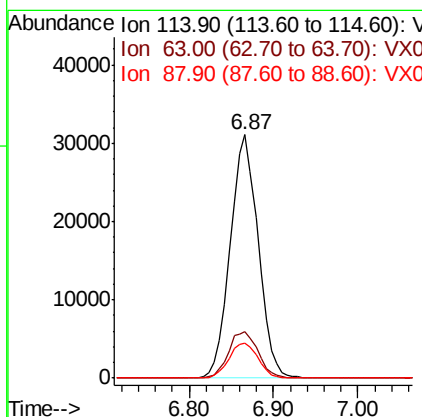
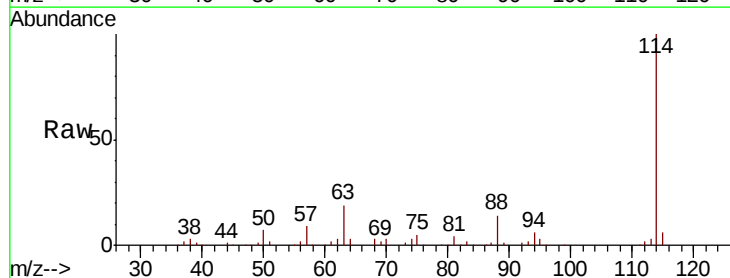
Instrument :
 MSVOA_X
 ClientSampleId :

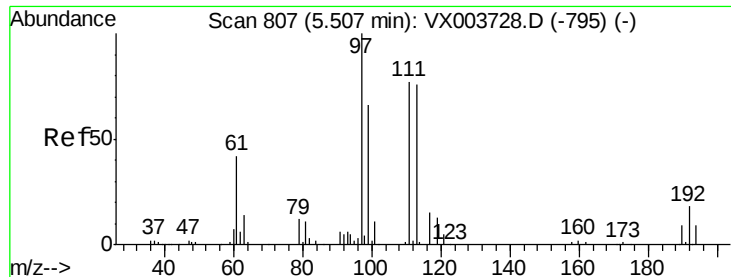
Tot Ion: 65 Resp: 20825
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

Tgt Ion: 114 Resp: 69847
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 34.0
 88 14.3 0.0 26.4

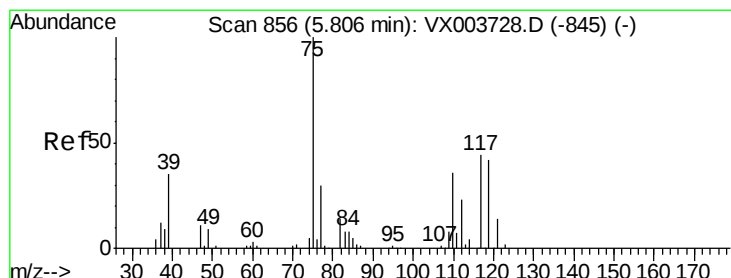
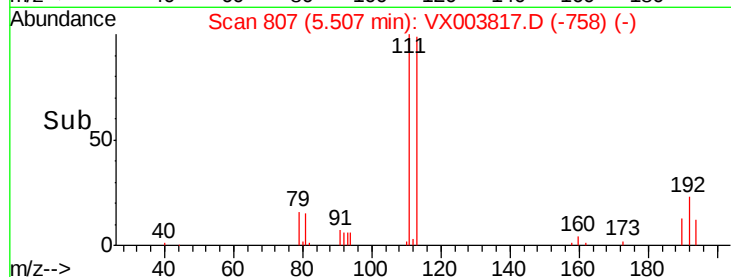
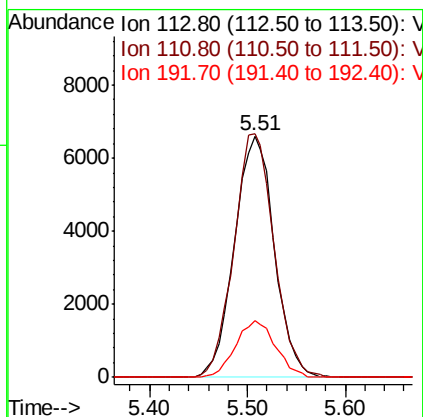
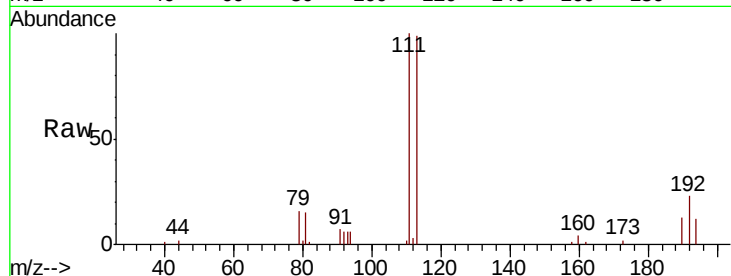




#35
 Dibromofluoromethane
 Concen: 45.43 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

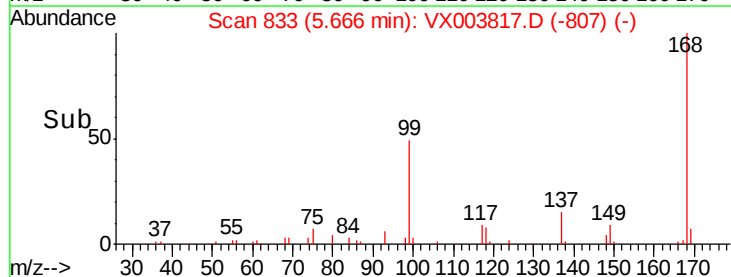
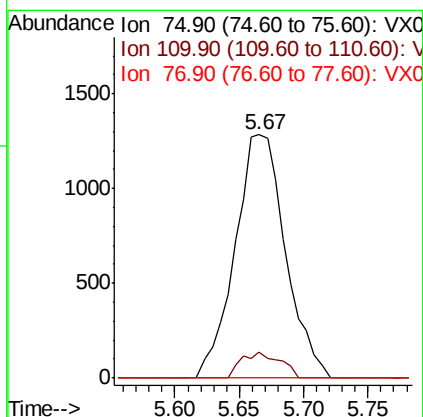
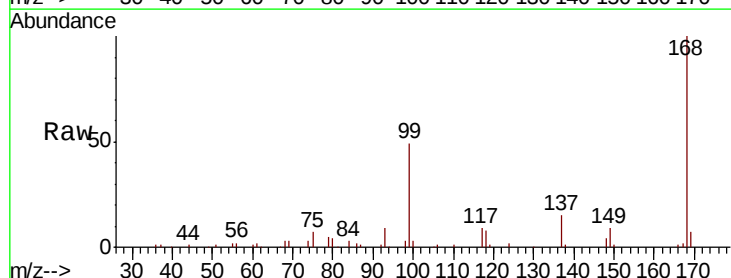
Instrument :
 MSVOA_X
 ClientSampleId :

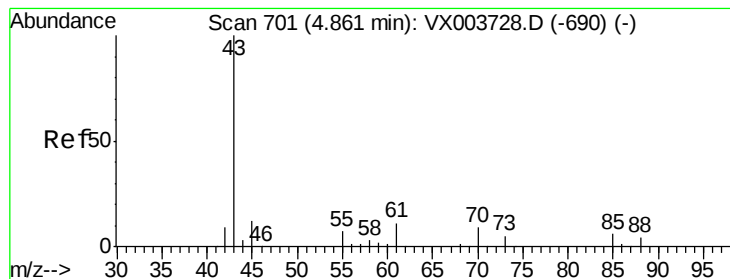
Tot Ion:113 Resp: 18685
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.8 122.6
 192 23.5 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 5.32 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

Tgt Ion: 75 Resp: 3482
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.3 54.8#
 77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 2.12 ug/l

RT: 4.74 min Scan# 681

Delta R.T. -0.12 min

Lab File: VX003817.D

Acq: 02 Aug 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

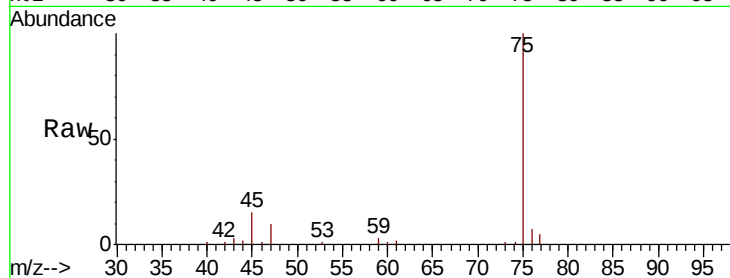
Tot Ion: 43 Resp: 1066

Ion Ratio Lower Upper

43 100

61 69.0 11.4 17.0#

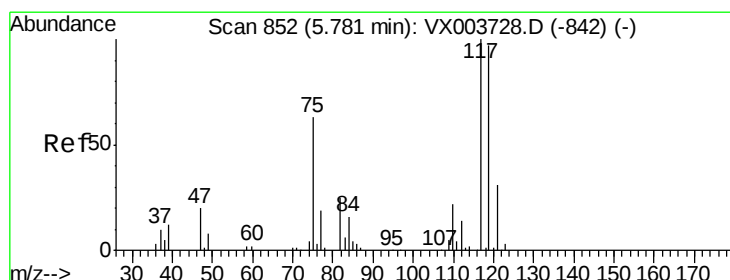
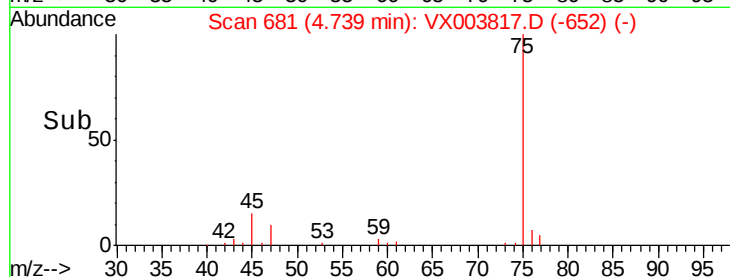
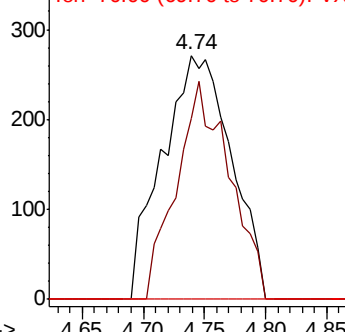
70 0.0 8.2 12.2#



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: 7.71 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003817.D

Acq: 02 Aug 2018 01:08

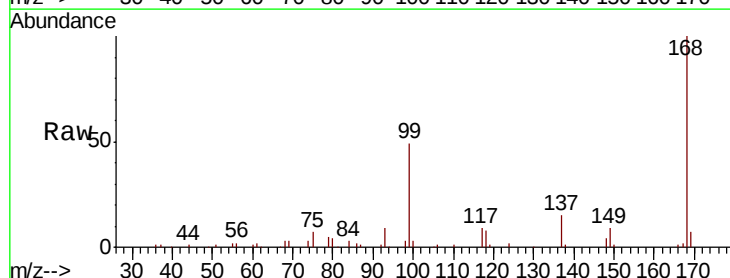
Tgt Ion: 117 Resp: 4662

Ion Ratio Lower Upper

117 100

119 7.9 77.2 115.8#

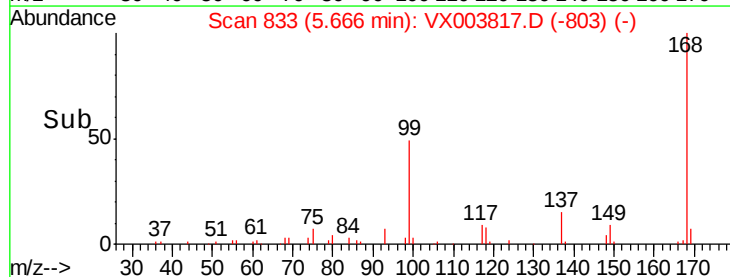
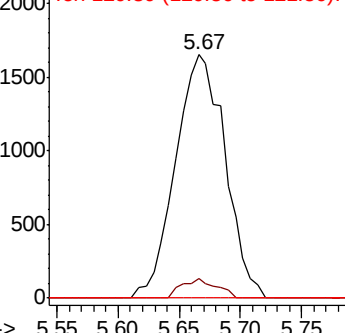
121 0.0 25.0 37.4#

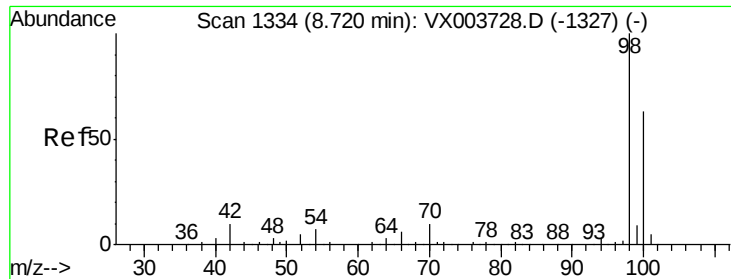


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

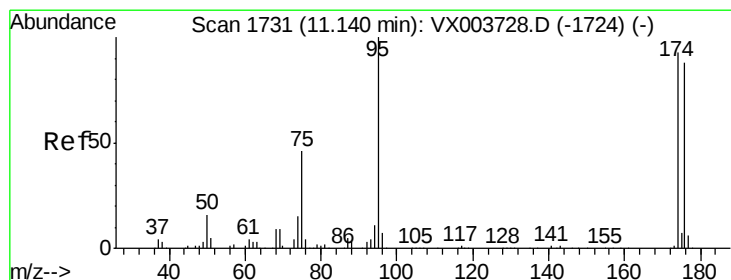
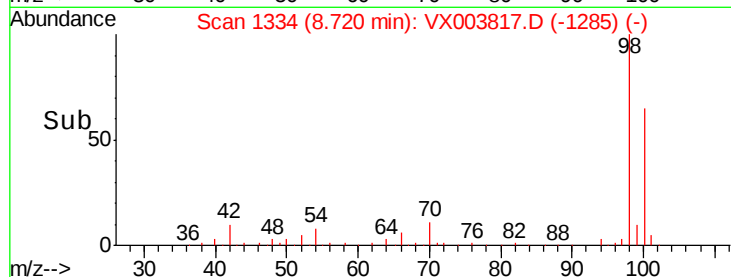
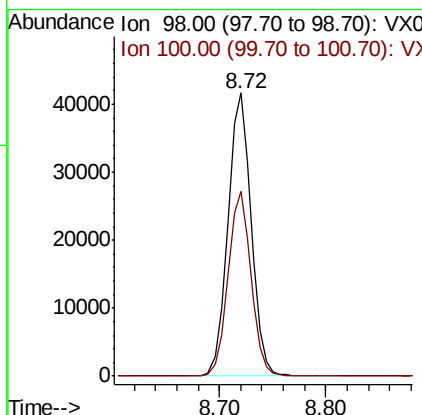
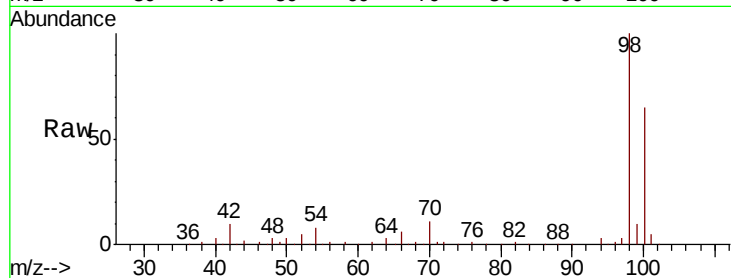




#50
Toluene-d8
Concen: 37.19 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003817.D
Acq: 02 Aug 2018 01:08

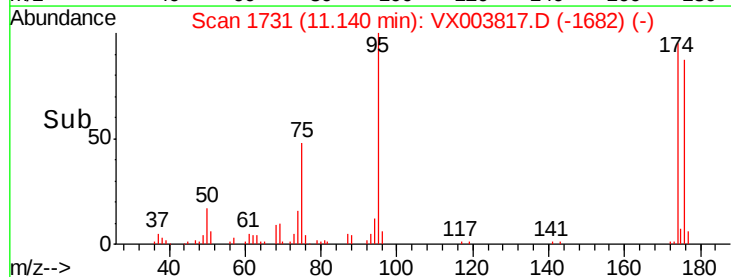
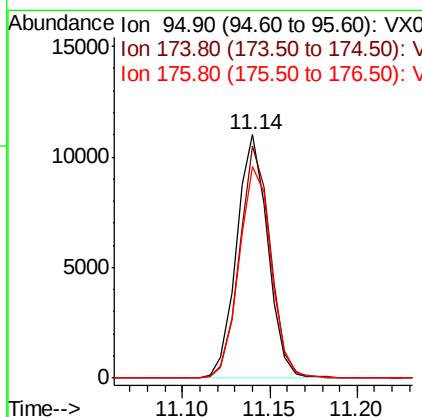
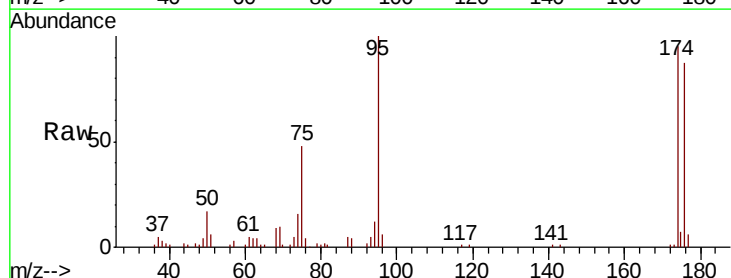
Instrument :
MSVOA_X
ClientSampled :

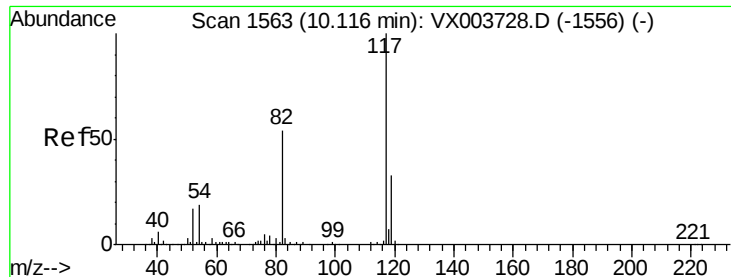
Tot Ion: 98 Resp: 63780
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 21.53 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003817.D
Acq: 02 Aug 2018 01:08

Tgt Ion: 95 Resp: 13612
Ion Ratio Lower Upper
95 100
174 94.7 0.0 186.2
176 89.6 0.0 179.2

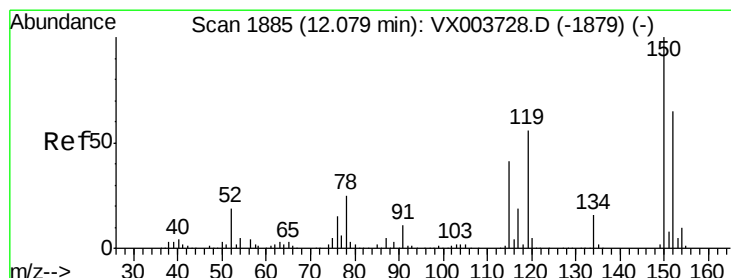
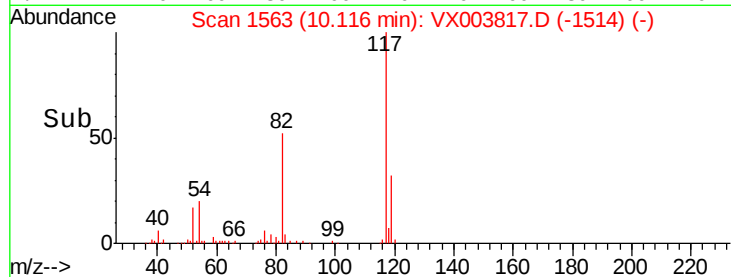
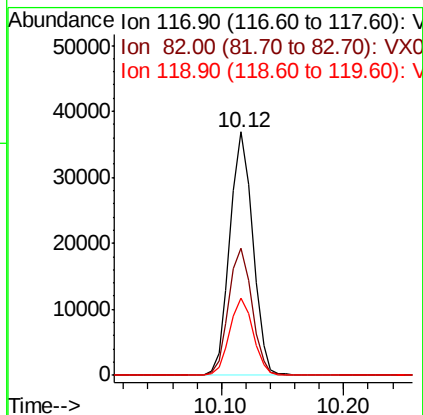
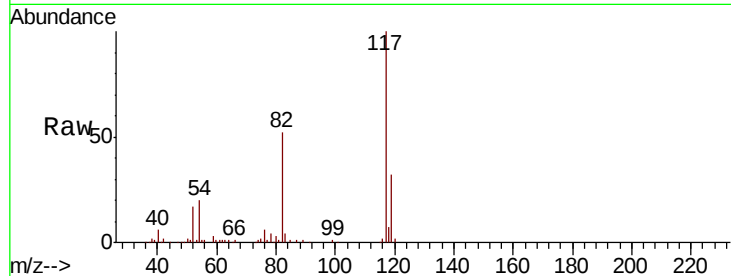




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003817.D
Acq: 02 Aug 2018 01:08

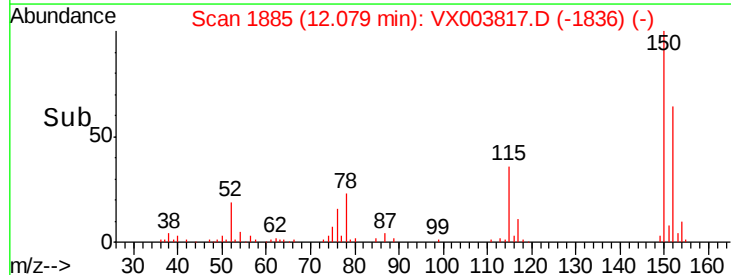
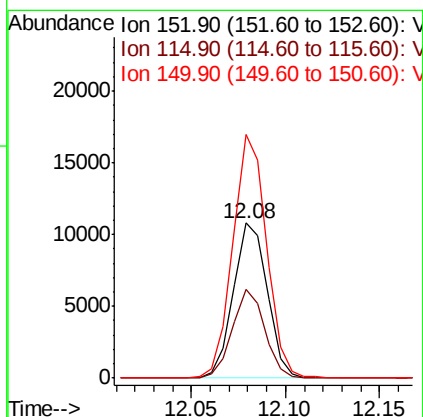
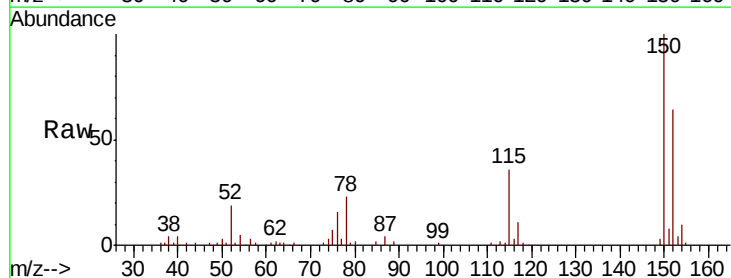
Instrument :
MSVOA_X
ClientSampled :

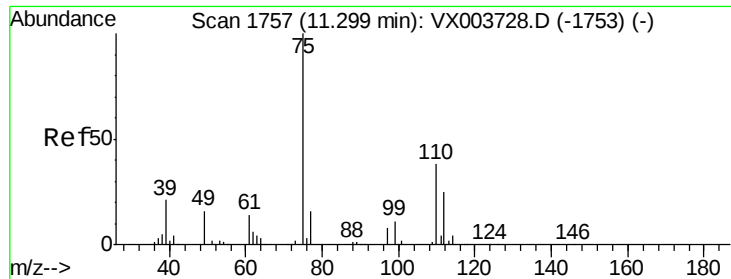
Tot Ion:117 Resp: 47976
Ion Ratio Lower Upper
117 100
82 52.5 43.2 64.8
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003817.D
Acq: 02 Aug 2018 01:08

Tgt Ion:152 Resp: 13526
Ion Ratio Lower Upper
152 100
115 54.7 38.5 115.3
150 155.6 0.0 346.2

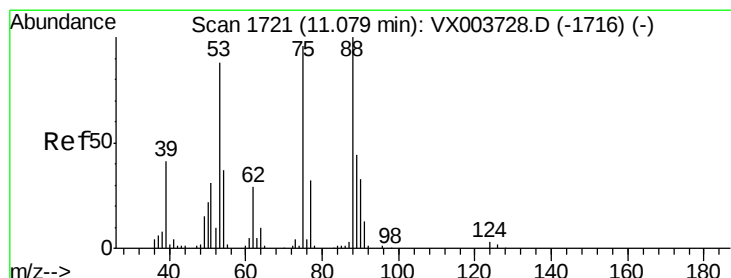
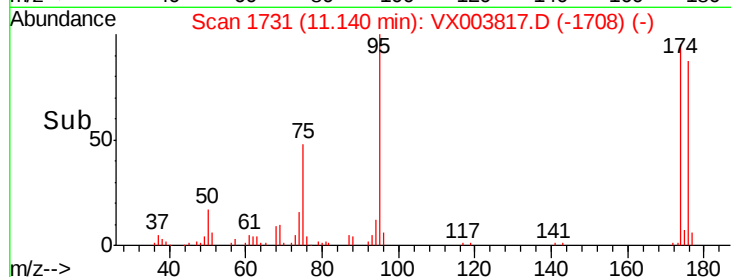
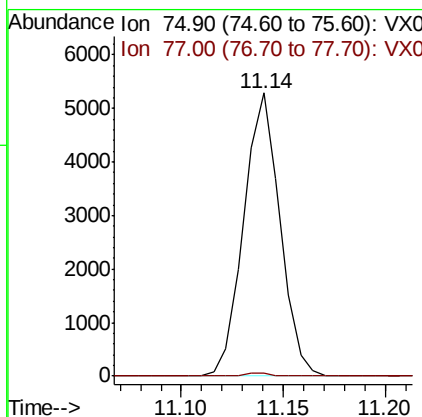
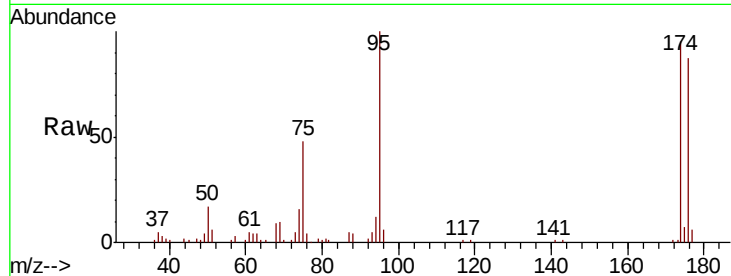




#76
 1,2,3-Trichloropropane
 Concen: 34.97 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

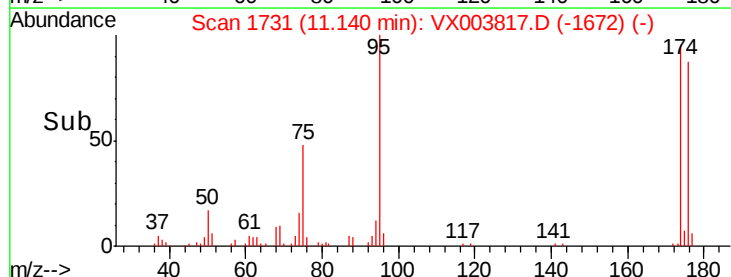
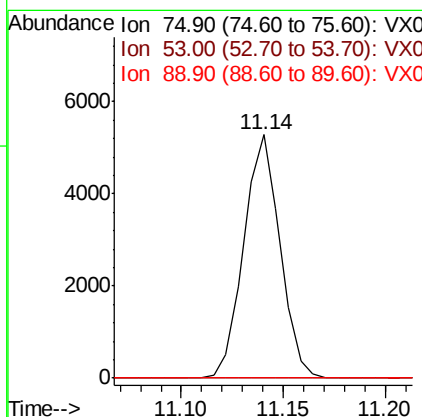
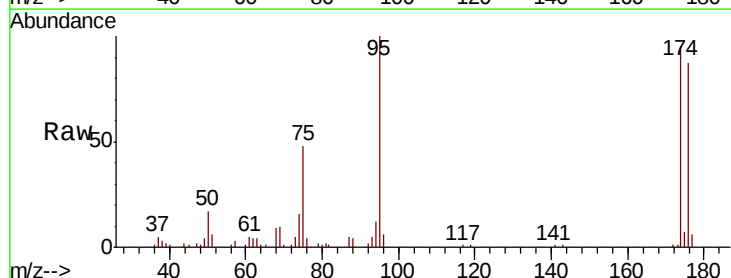
Instrument :
 MSVOA_X
 ClientSampleId :

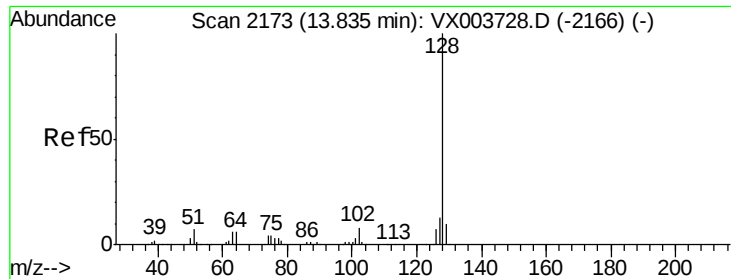
Tot Ion: 75 Resp: 6519
 Ion Ratio Lower Upper
 75 100
 77 0.6 21.6 65.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.57 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003817.D
 Acq: 02 Aug 2018 01:08

Tgt Ion: 75 Resp: 6519
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 39.1 58.7#

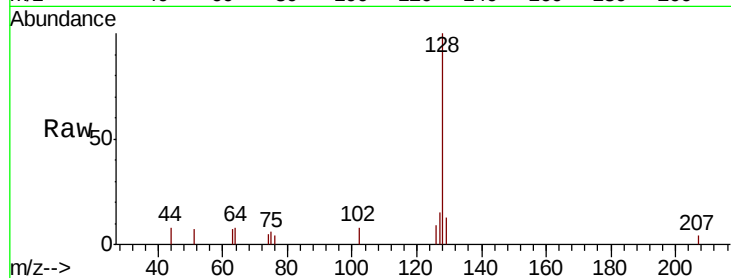




#95
Naphthalene
Concen: 3.09 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003817.D
Acq: 02 Aug 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.2	15.2
129	11.0	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

