

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003802.D
 Acq On : 01 Aug 2018 18:49
 Operator : JC/SP
 Sample : J4143-10RE
 Misc : 11.36G/5.0mL/MSVOA X/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 02 05:56:23 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	53220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	80873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	71578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	35605	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	23324	43.33	ug/l	0.00
Spiked Amount			Recovery	=	86.66%	
35) Dibromofluoromethane	5.51	113	19372	40.68	ug/l	0.00
Spiked Amount			Recovery	=	81.36%	
50) Toluene-d8	8.72	98	75667	38.11	ug/l	0.00
Spiked Amount			Recovery	=	76.22%	
62) 4-Bromofluorobenzene	11.14	95	25176	34.39	ug/l	0.00
Spiked Amount			Recovery	=	68.78%	

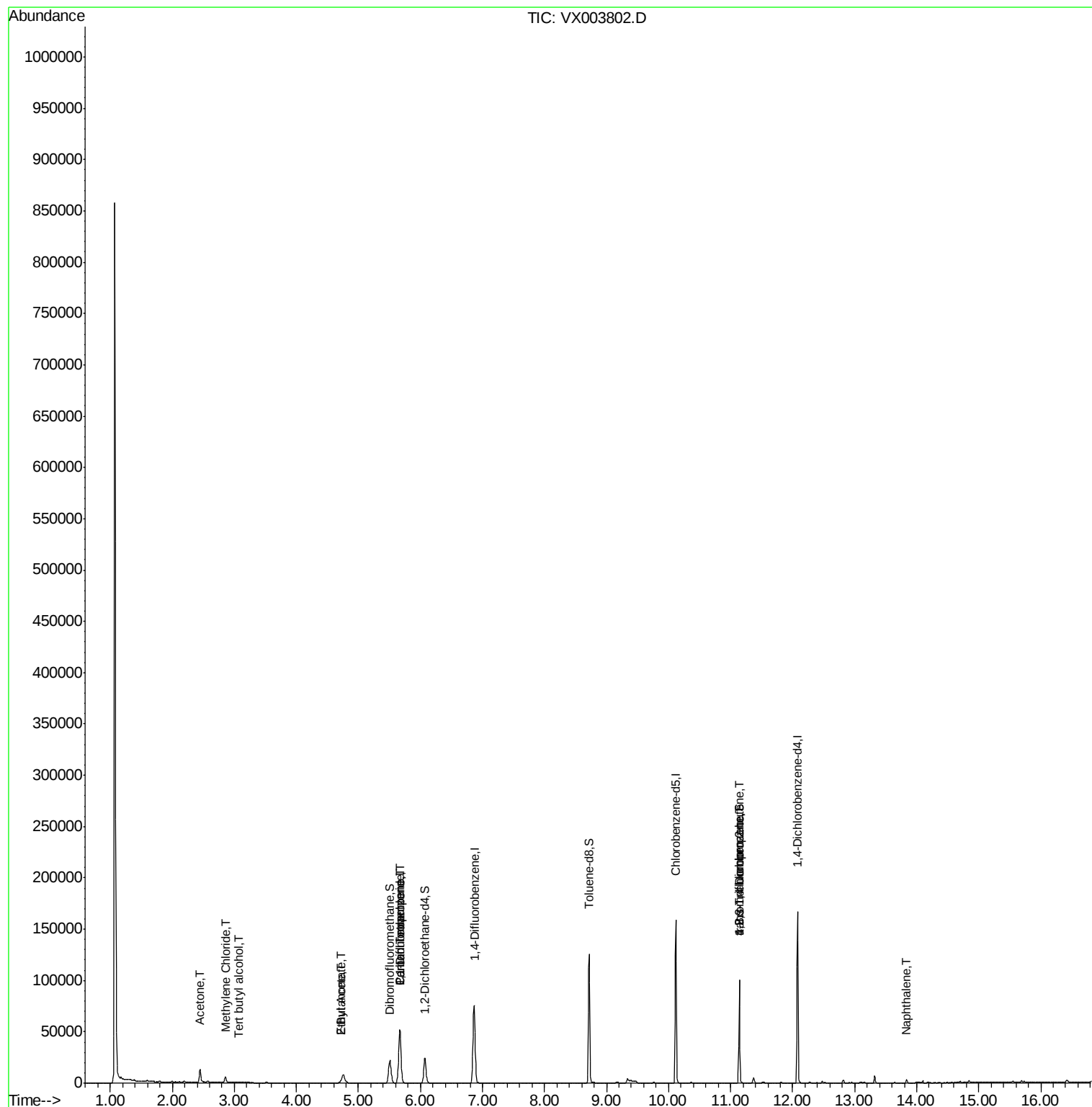
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	45	Below Cal	#	2
11) Tert butyl alcohol	3.07	59	176	2.02	ug/l #	73
16) Acetone	2.45	43	12368	60.16	ug/l	99
20) Methylene Chloride	2.86	84	2427	1.39	ug/l	98
25) 2-Butanone	4.71	43	2323	7.75	ug/l #	86
36) 1,1-Dichloropropene	5.67	75	3507	4.63	ug/l #	48
37) Ethyl Acetate	4.71	43	2323	3.99	ug/l #	68
38) Carbon Tetrachloride	5.67	117	4553	6.50	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	12461	25.39	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.14	75	12461	75.21	ug/l #	11
95) Naphthalene	13.83	128	2075	1.12	ug/l	98

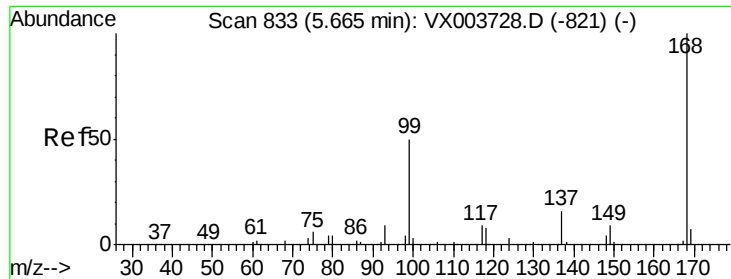
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Aug 02 05:56:23 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



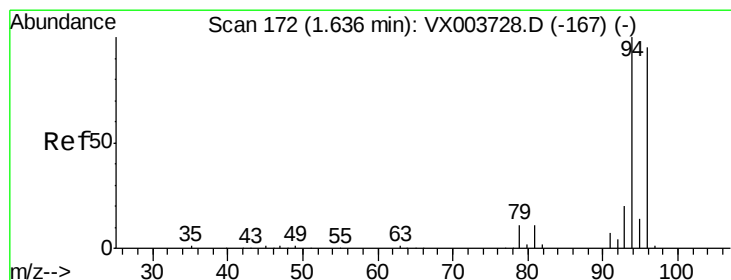
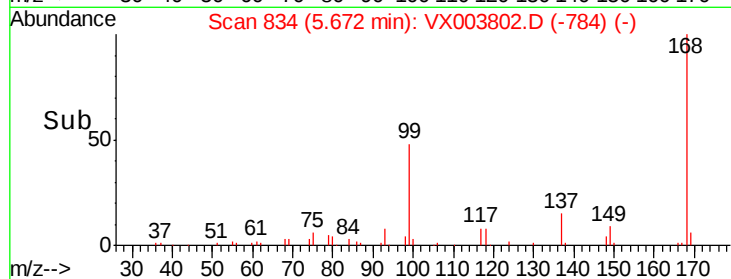
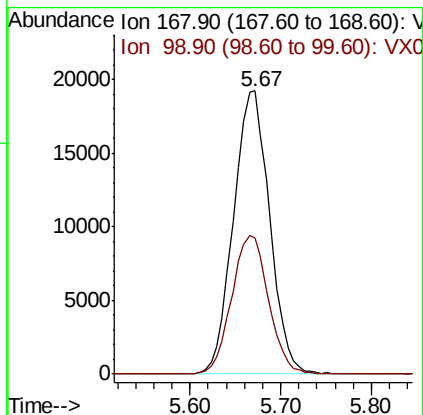
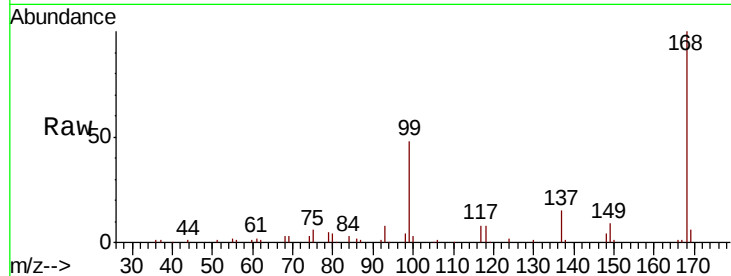


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: VX003802.D
 Acq: 01 Aug 2018 18:49

Instrument :
 MSVOA_X
 ClientSampled :

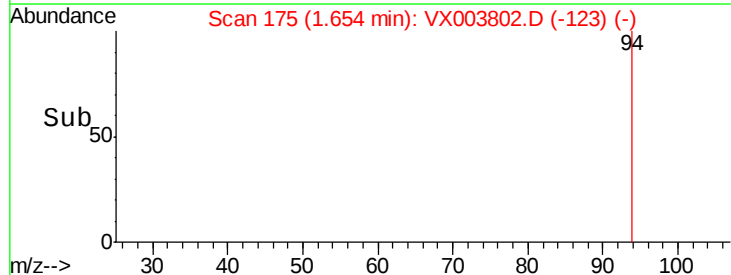
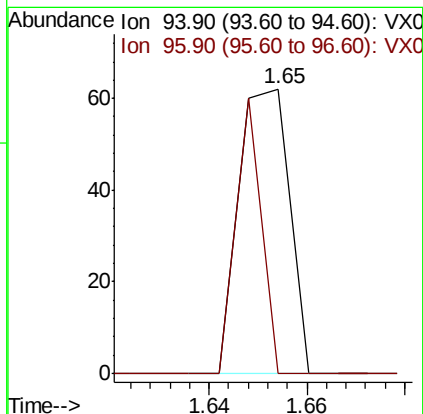
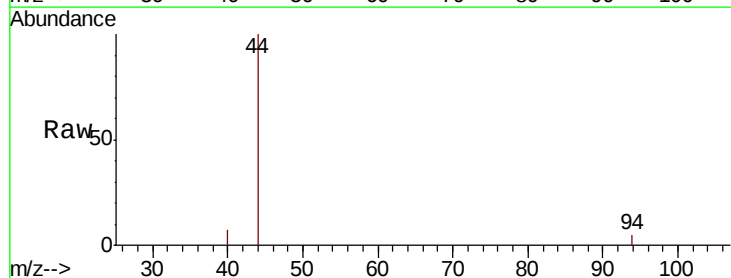
Tot Ion:168 Resp: 53220
 Ion Ratio Lower Upper
 168 100
 99 48.1 40.2 60.2

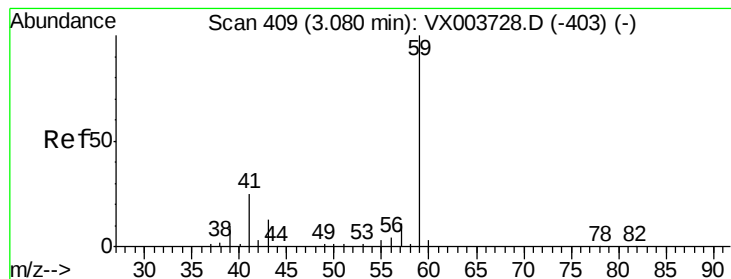


#5

Bromomethane
 Concen: Below Cal
 RT: 1.65 min Scan# 175
 Delta R.T. 0.02 min
 Lab File: VX003802.D
 Acq: 01 Aug 2018 18:49

Tgt Ion: 94 Resp: 45
 Ion Ratio Lower Upper
 94 100
 96 0.0 76.0 114.0#



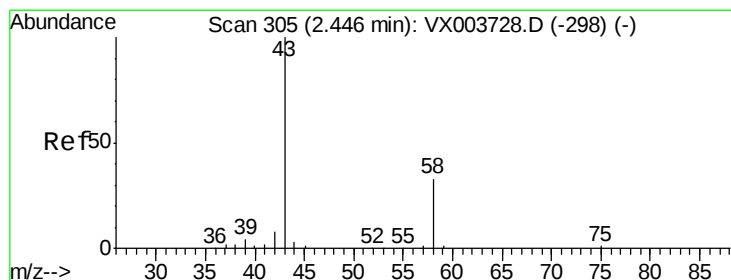
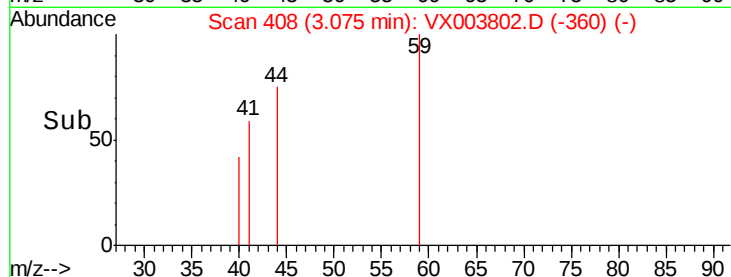
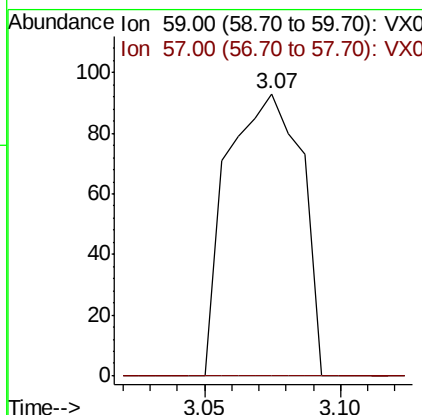
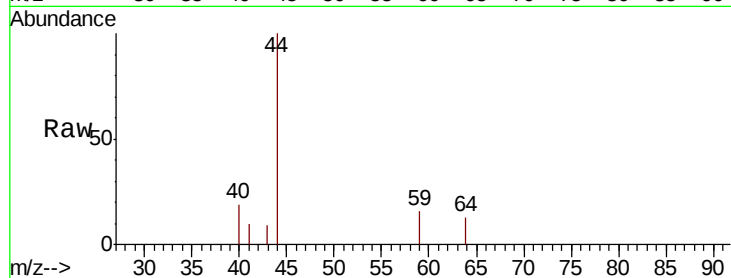


#11

Tert butyl alcohol
 Concen: 2.02 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003802.D
 Acq: 01 Aug 2018 18:49

Instrument :
 MSVOA_X
 ClientSampled :

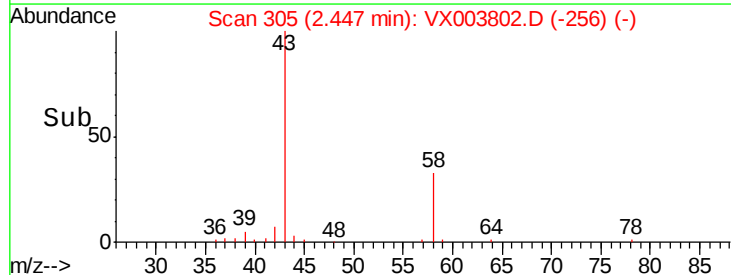
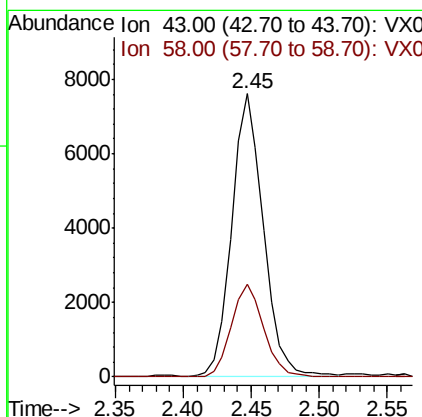
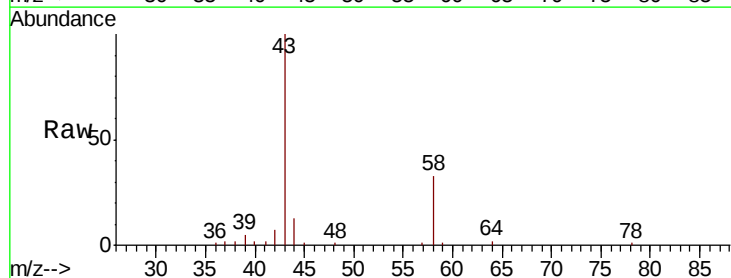
Tot Ion: 59 Resp: 176
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

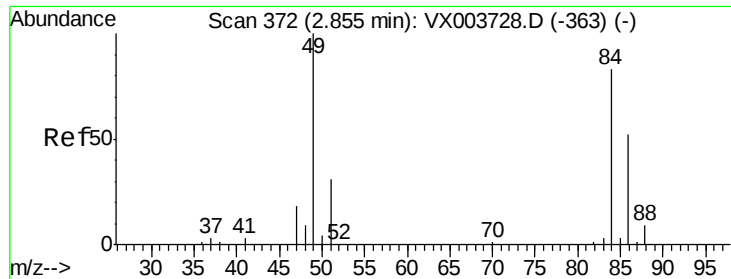


#16

Acetone
 Concen: 60.16 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX003802.D
 Acq: 01 Aug 2018 18:49

Tgt Ion: 43 Resp: 12368
 Ion Ratio Lower Upper
 43 100
 58 32.6 26.7 40.1

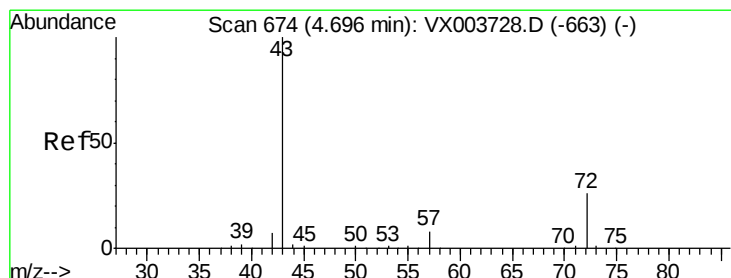
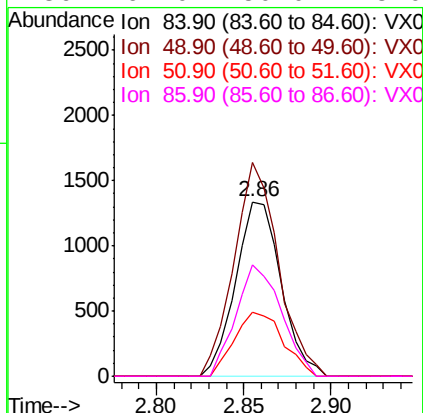
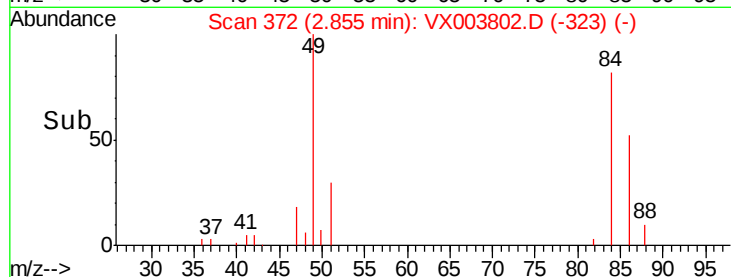
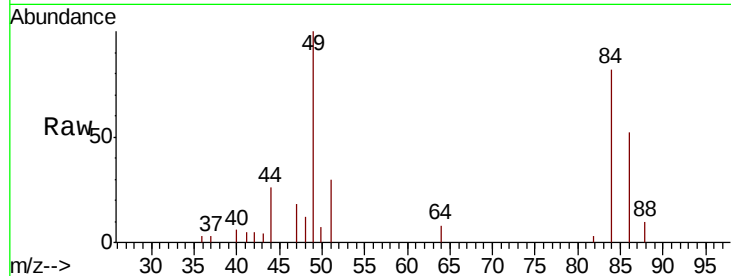




#20
Methvlene Chloride
Concen: 1.39 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003802.D
Acq: 01 Aug 2018 18:49

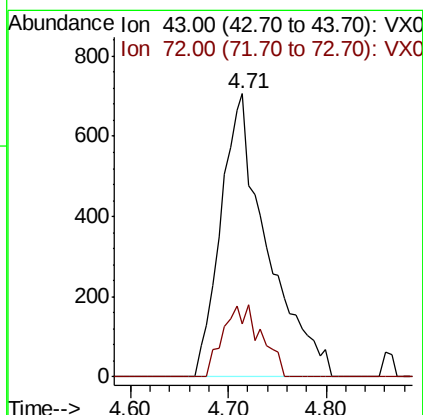
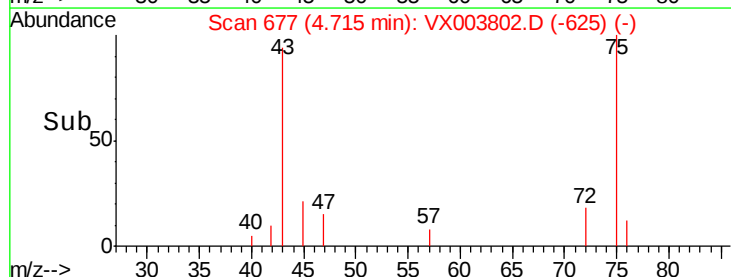
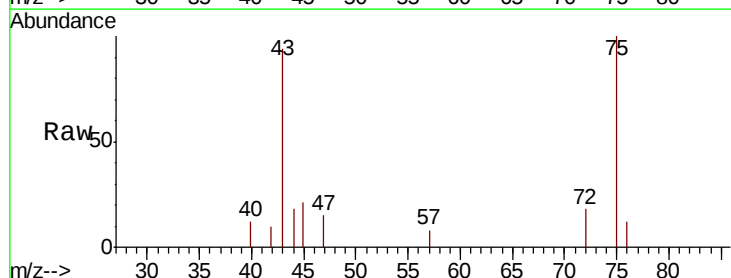
Instrument :
MSVOA_X
ClientSampleId :

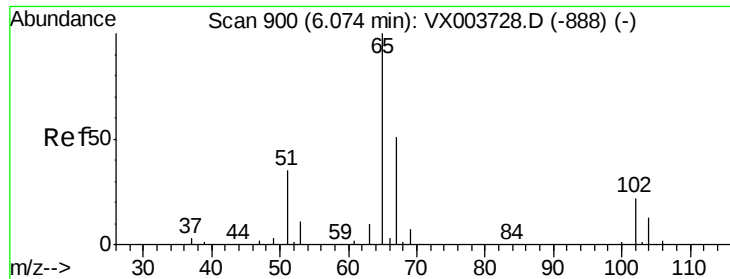
Tot Ion:	84	Resp:	2427
Ion	Ratio	Lower	Upper
84	100		
49	122.4	95.8	143.8
51	36.6	29.6	44.4
86	64.0	50.0	75.0



#25
2-Butanone
Concen: 7.75 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.02 min
Lab File: VX003802.D
Acq: 01 Aug 2018 18:49

Tgt Ion:	43	Resp:	2323
Ion	Ratio	Lower	Upper
43	100		
72	18.7	20.9	31.3#

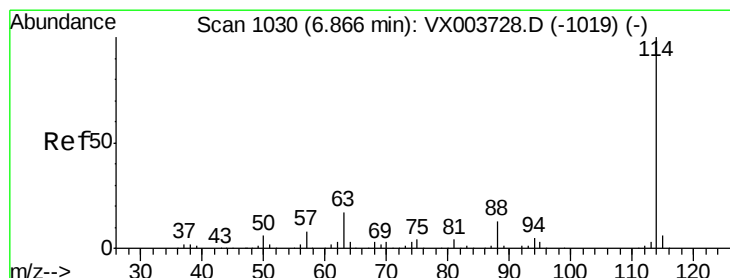
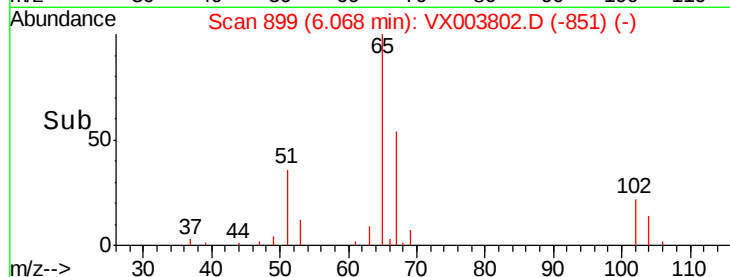
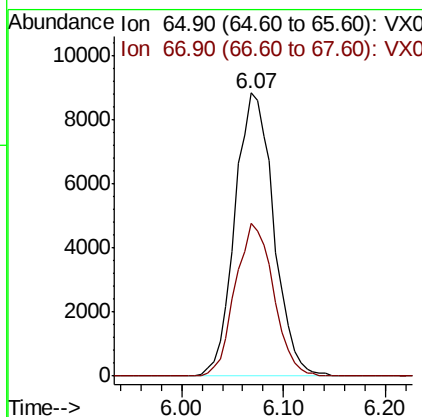
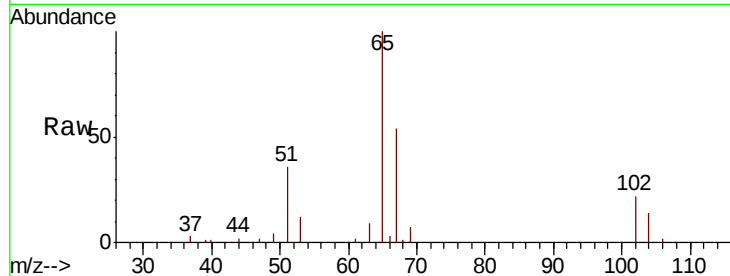




#33
 1,2-Dichloroethane-d4
 Concen: 43.33 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003802.D
 Acq: 01 Aug 2018 18:49

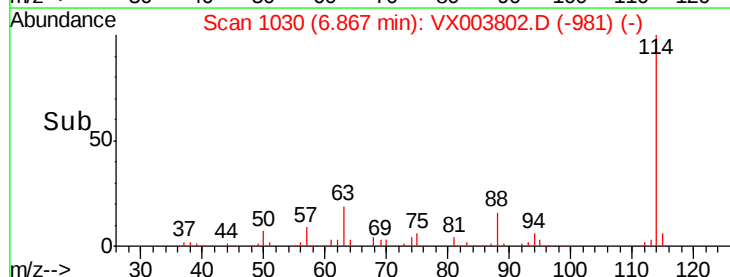
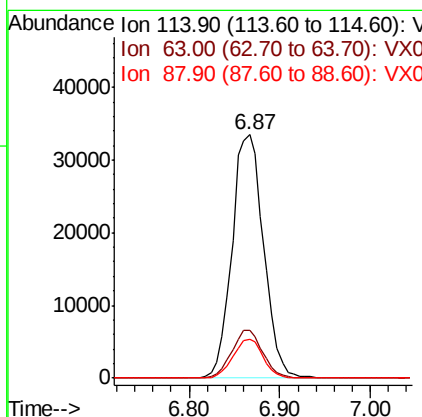
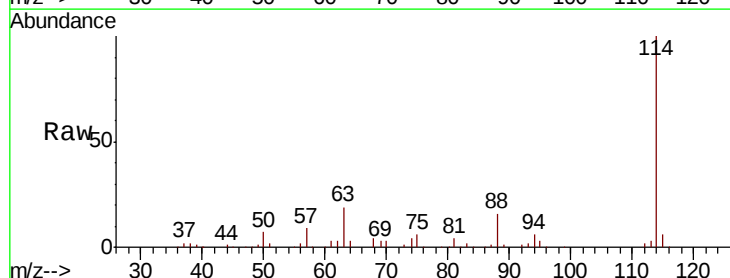
Instrument :
 MSVOA_X
 ClientSampleId :

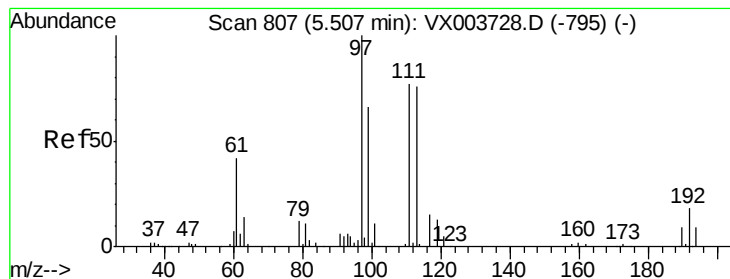
Tot Ion: 65 Resp: 23324
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003802.D
 Acq: 01 Aug 2018 18:49

Tgt Ion: 114 Resp: 80873
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 34.0
 88 16.2 0.0 26.4





#35

Dibromofluoromethane

Concen: 40.68 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

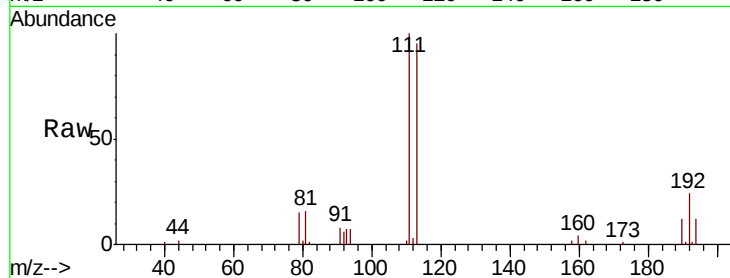
Tot Ion:113 Resp: 19372

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.6

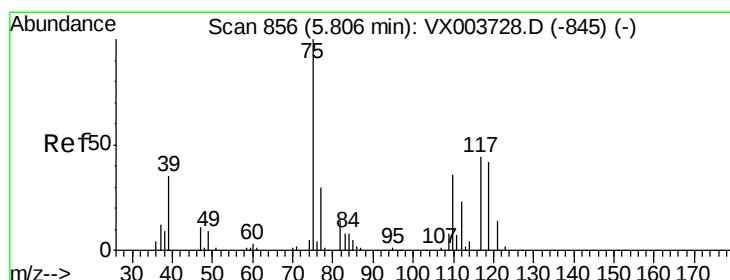
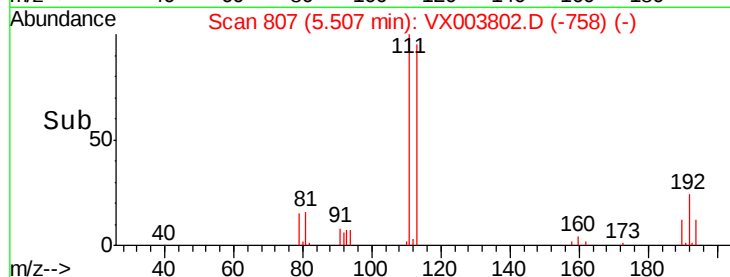
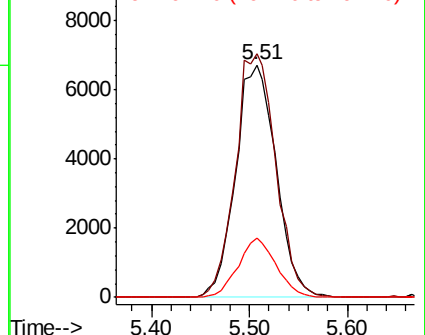
192 23.9 18.8 28.2



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: 4.63 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

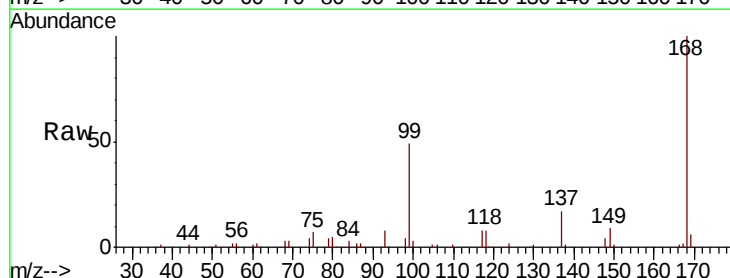
Tgt Ion: 75 Resp: 3507

Ion Ratio Lower Upper

75 100

110 7.7 18.3 54.8#

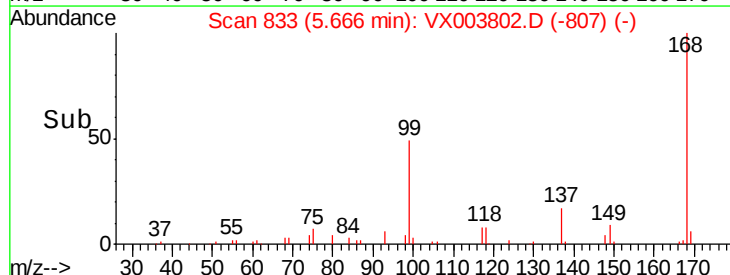
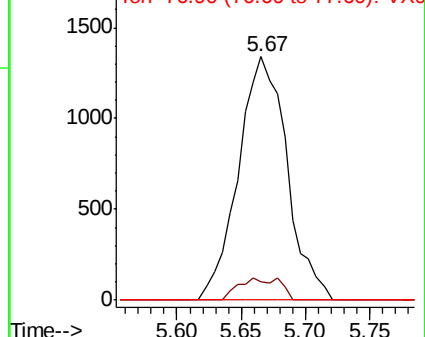
77 0.0 25.1 37.7#

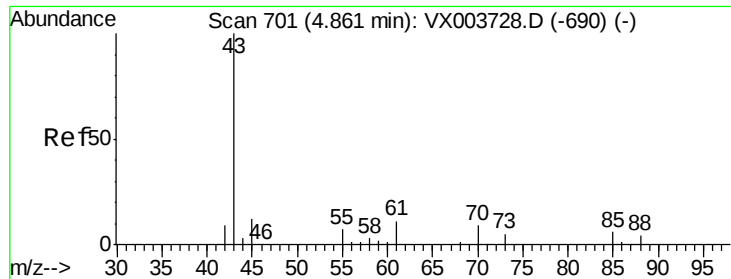


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

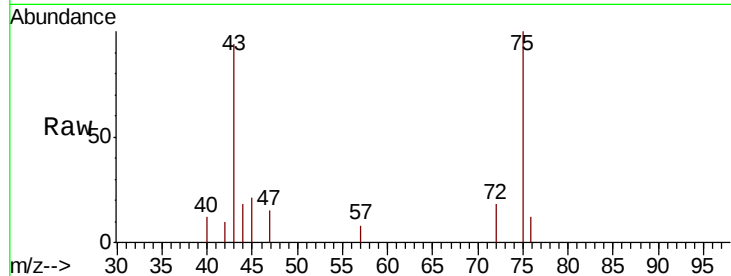




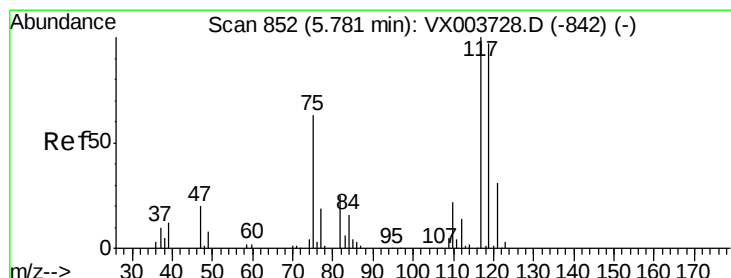
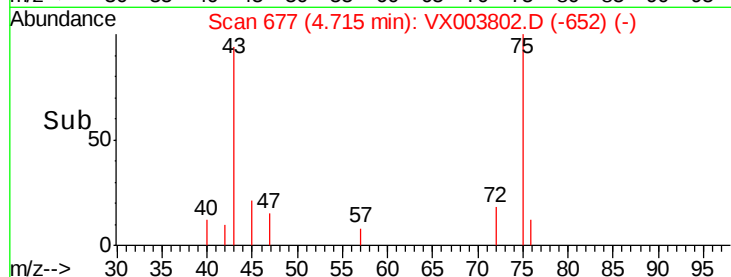
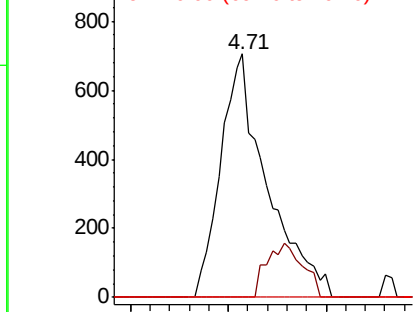
#37
Ethyl Acetate
Concen: 3.99 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX003802.D
Acq: 01 Aug 2018 18:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2323
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 8.2 12.2#

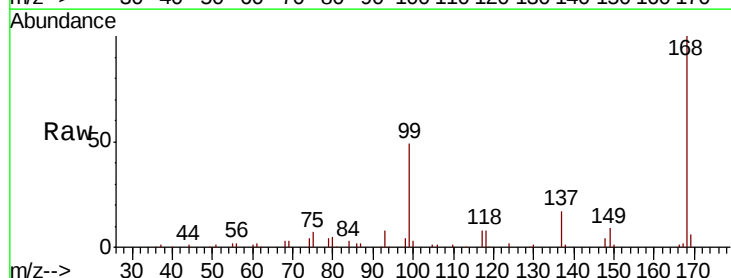


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

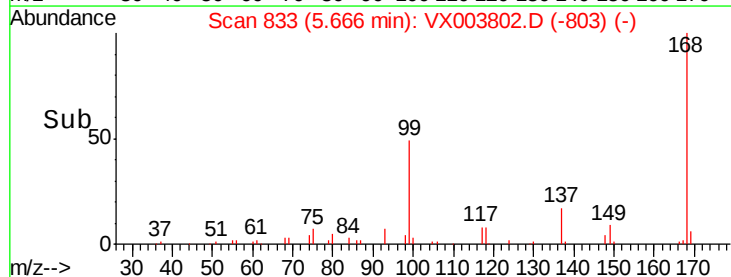
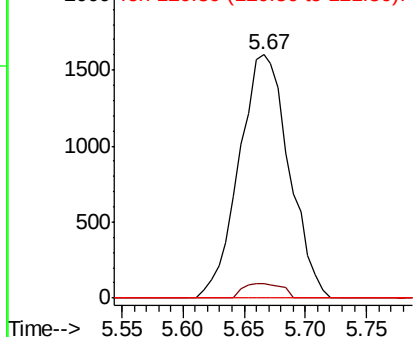


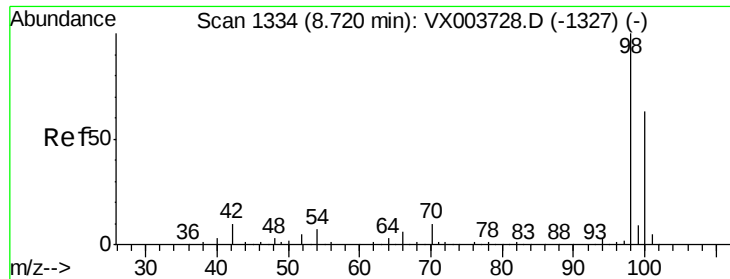
#38
Carbon Tetrachloride
Concen: 6.50 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003802.D
Acq: 01 Aug 2018 18:49

Tgt Ion: 117 Resp: 4553
Ion Ratio Lower Upper
117 100
119 5.9 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: 38.11 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

Instrument :

MSVOA_X

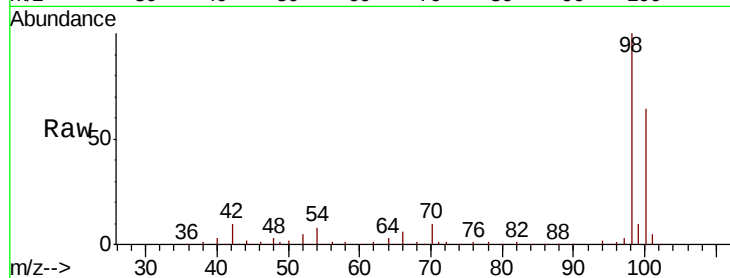
ClientSampled :

Tot Ion: 98 Resp: 75667

Ion Ratio Lower Upper

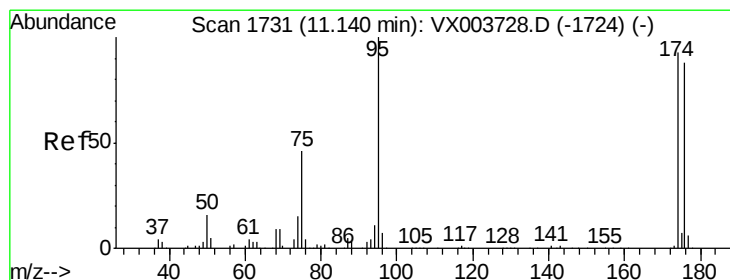
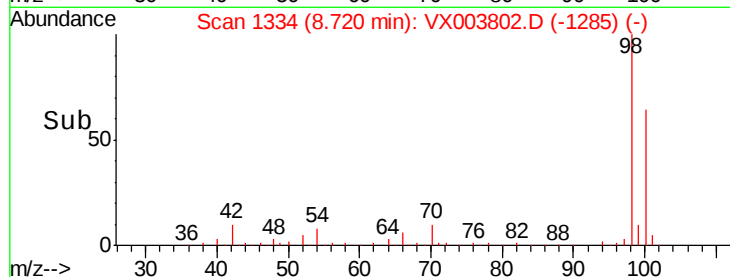
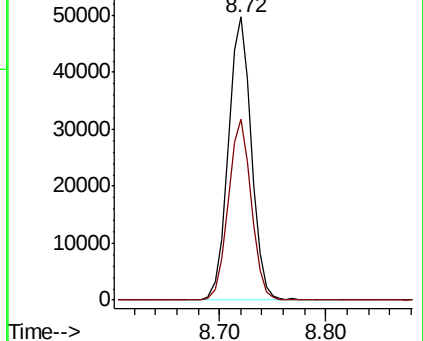
98 100

100 63.7 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: 34.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

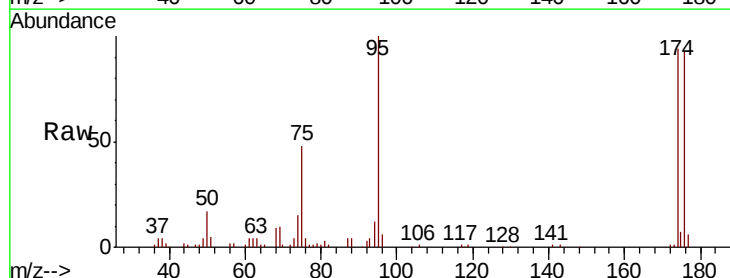
Tgt Ion: 95 Resp: 25176

Ion Ratio Lower Upper

95 100

174 95.0 0.0 186.2

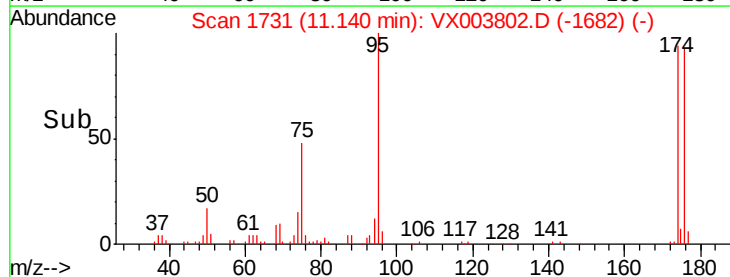
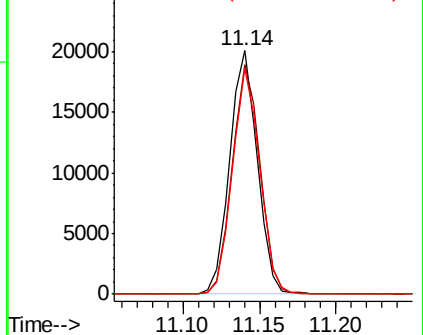
176 91.7 0.0 179.2

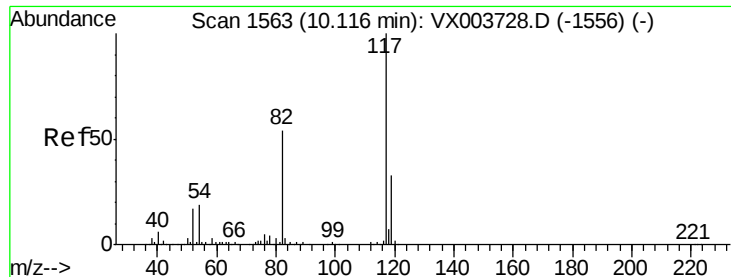


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX003802.D

Acq: 01 Aug 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

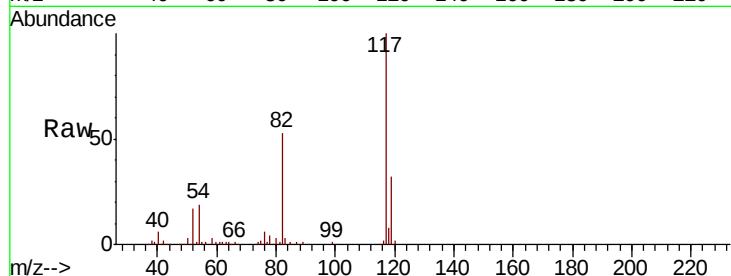
Tot Ion:117 Resp: 71578

Ion Ratio Lower Upper

117 100

82 53.3 43.2 64.8

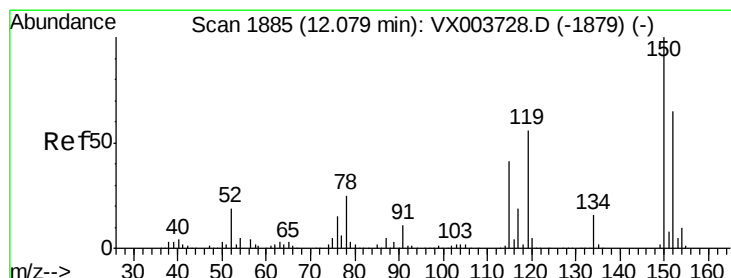
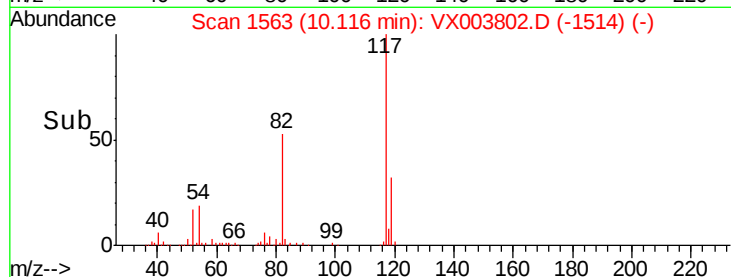
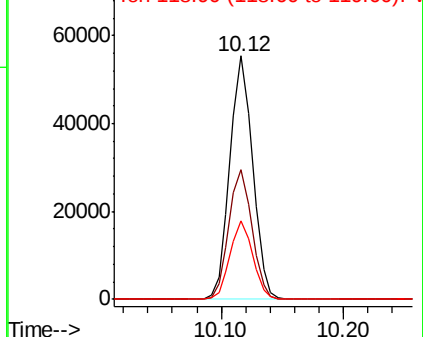
119 32.3 26.3 39.5



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: VX003802.D

Acq: 01 Aug 2018 18:49

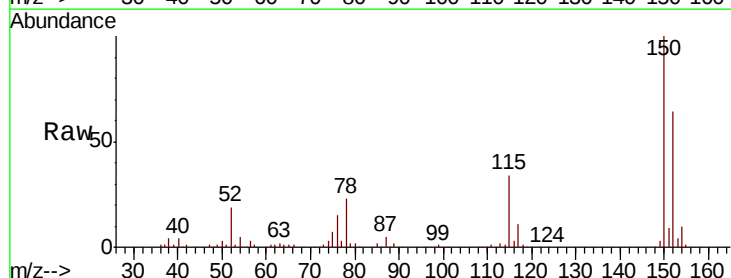
Tgt Ion:152 Resp: 35605

Ion Ratio Lower Upper

152 100

115 54.5 38.5 115.3

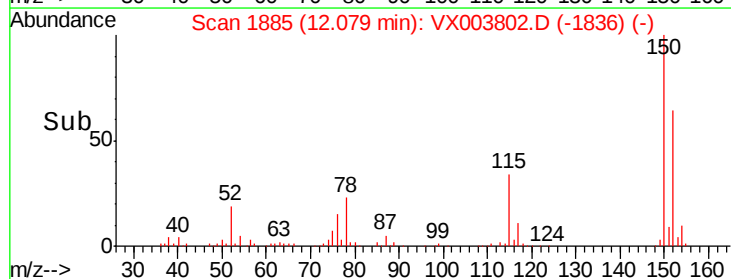
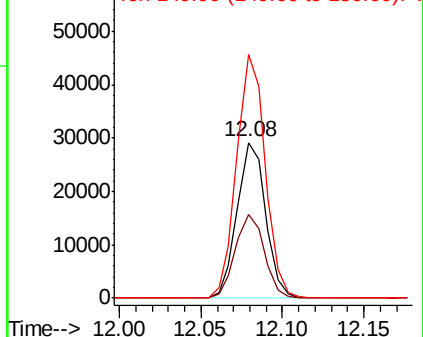
150 156.6 0.0 346.2

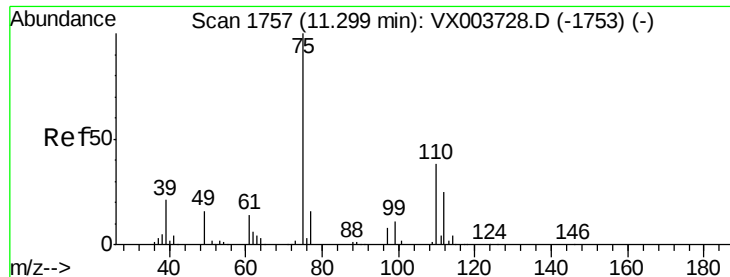


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

Instrument :

MSVOA_X

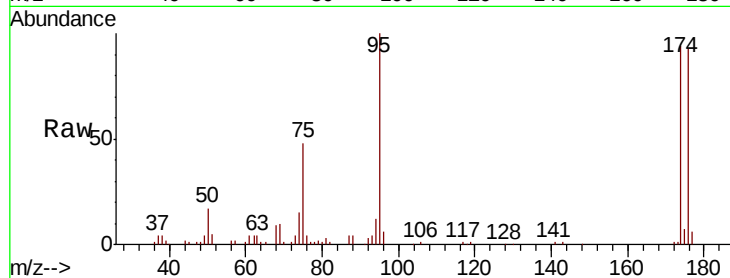
ClientSampled :

Tot Ion: 75 Resp: 12461

Ion Ratio Lower Upper

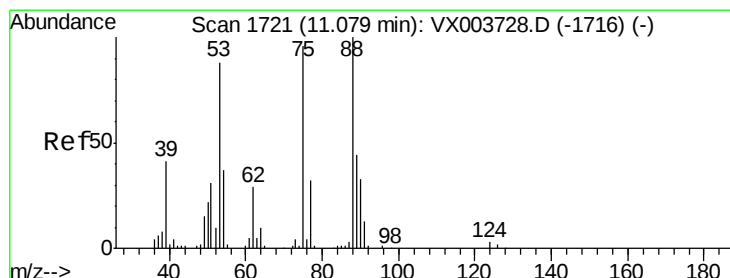
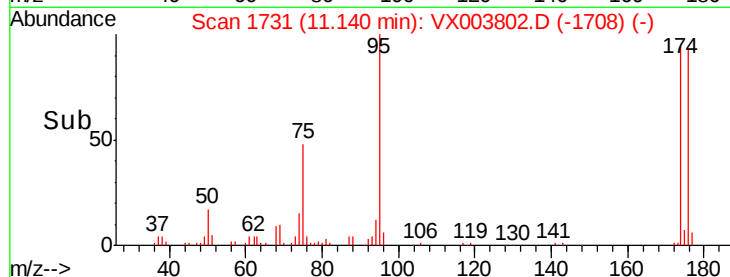
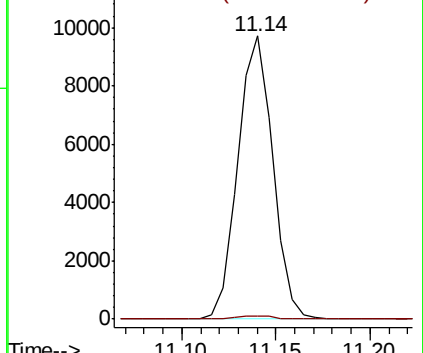
75 100

77 1.2 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: 75.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003802.D

Acq: 01 Aug 2018 18:49

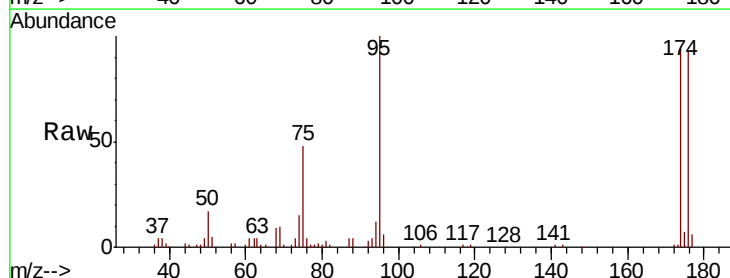
Tgt Ion: 75 Resp: 12461

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

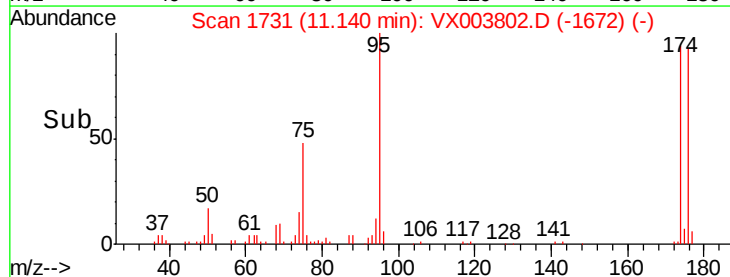
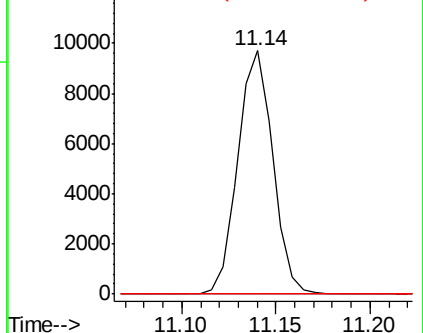
89 0.0 39.1 58.7#

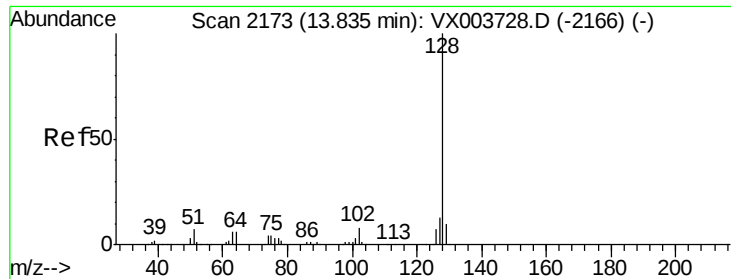


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#95
Naphthalene
Concen: 1.12 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003802.D
Acq: 01 Aug 2018 18:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	11.3	8.7	13.1

