

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030218\
 Data File : VX000190.D
 Acq On : 02 Mar 2018 14:26
 Operator : JC/MD
 Sample : VX0302WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 04:40:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	103570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	170071	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	81512	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	64608	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
35) Dibromofluoromethane	5.51	113	48377	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	
50) Toluene-d8	8.72	98	205542	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.15	95	70399	42.40	ug/l	0.00
Spiked Amount			Recovery	=	84.80%	

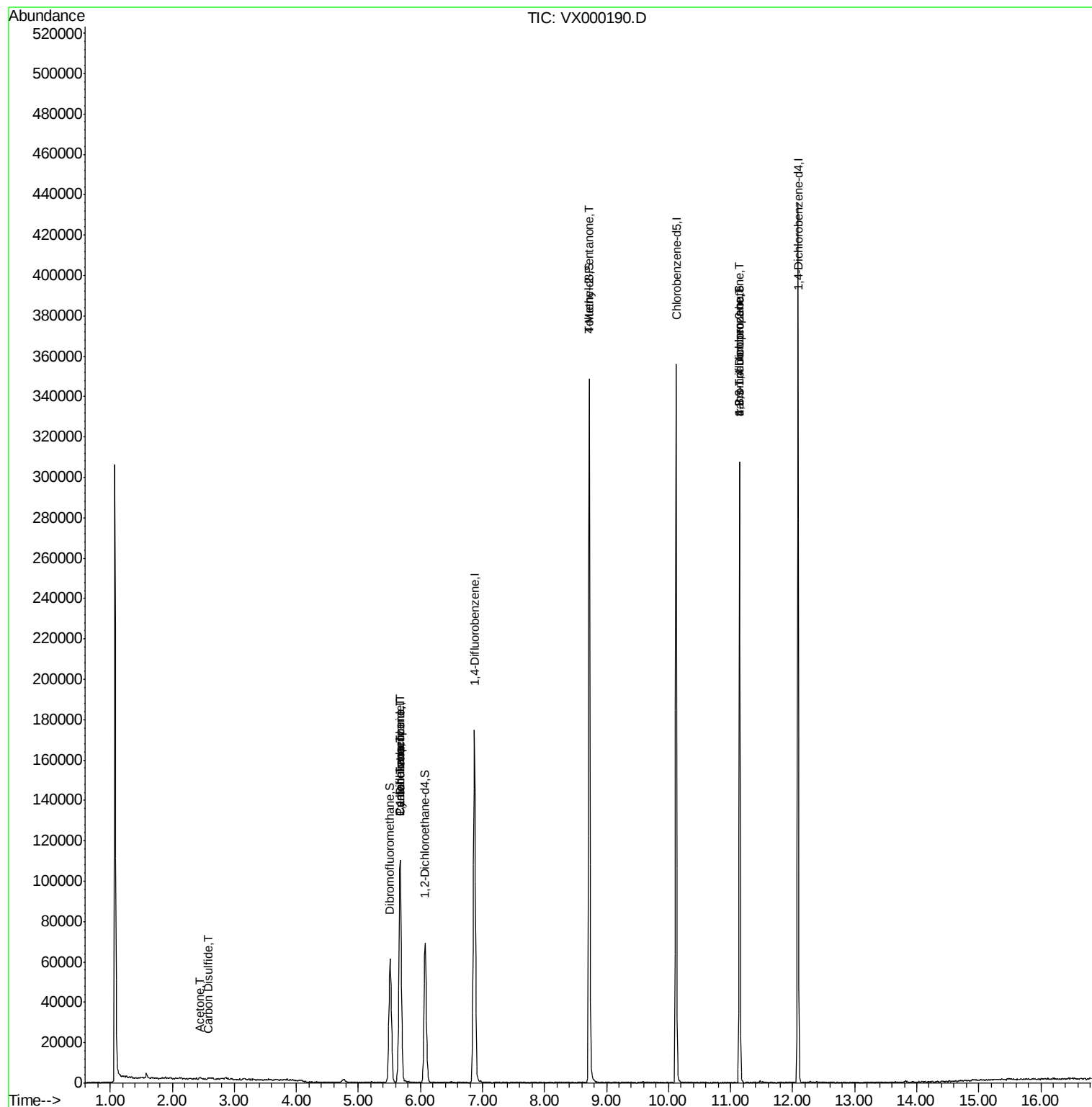
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	108	Below Cal	#	48
16) Acetone	2.44	43	772	0.92	ug/l #	43
17) Carbon Disulfide	2.57	76	727	0.23	ug/l #	89
20) Methylene Chloride	2.87	84	236	Below Cal	#	70
31) Cyclohexane	5.67	56	2860	1.77	ug/l #	17
36) 1,1-Dichloropropene	5.67	75	8463	5.55	ug/l #	43
38) Carbon Tetrachloride	5.67	117	10388	6.30	ug/l #	16
41) Methacrylonitrile	5.08	41	48	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.72	43	1189	0.54	ug/l #	1
76) 1,2,3-Trichloropropane	11.15	75	40829	24.18	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.15	75	40829	68.87	ug/l #	12

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

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MSVOA_X
ClientSampled :

Quant Time: Mar 03 04:40:04 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 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: VX000190.D

Acq: 02 Mar 2018 14:26

Instrument :

MSVOA_X

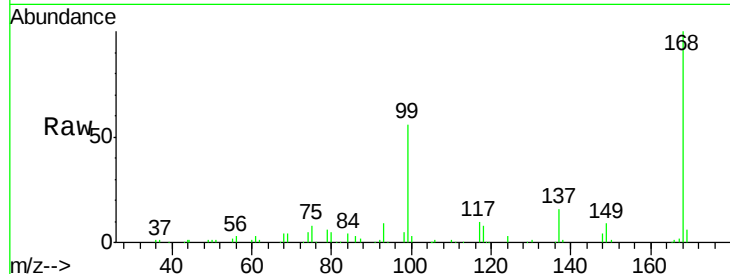
ClientSampleId :

Tot Ion:168 Resp: 103570

Ion Ratio Lower Upper

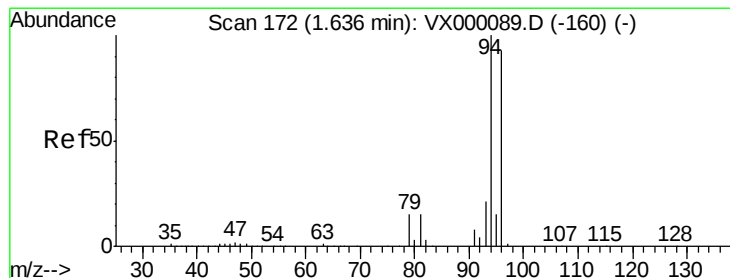
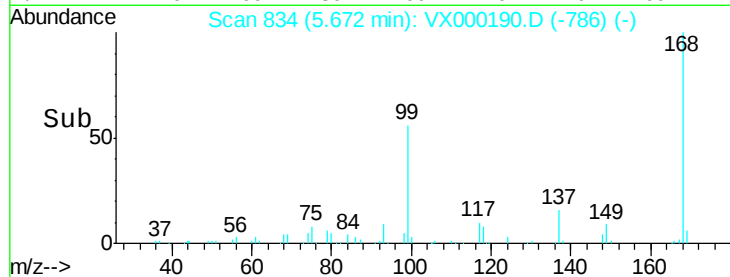
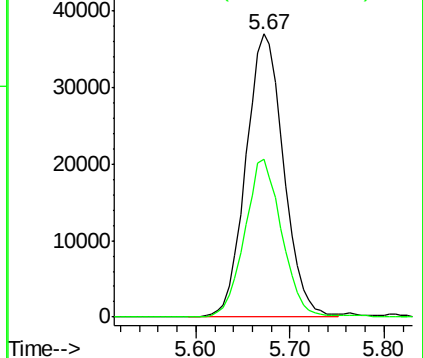
168 100

99 55.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX000190.D

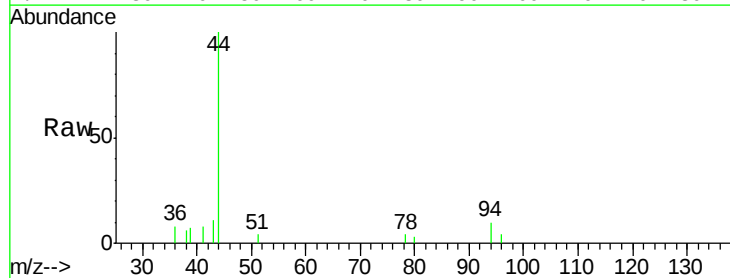
Acq: 02 Mar 2018 14:26

Tgt Ion: 94 Resp: 108

Ion Ratio Lower Upper

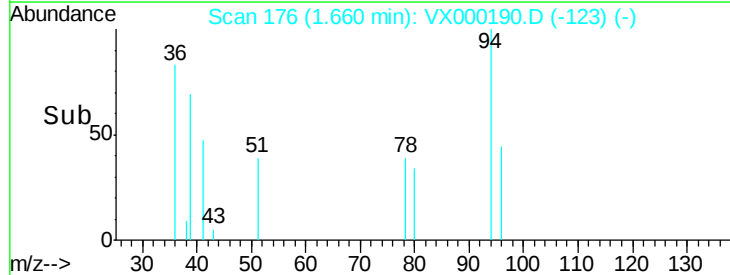
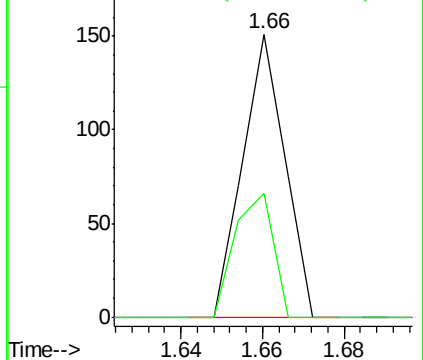
94 100

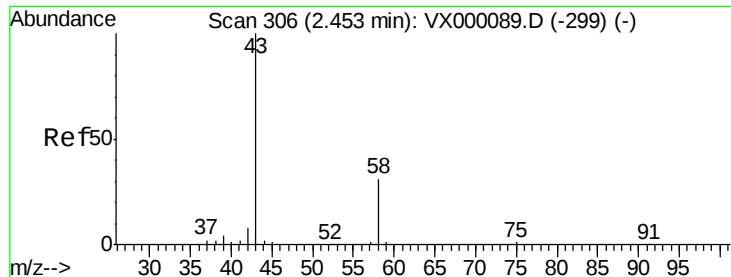
96 43.7 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#16

Acetone

Concen: 0.92 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX000190.D

Acq: 02 Mar 2018 14:26

Instrument :

MSVOA_X

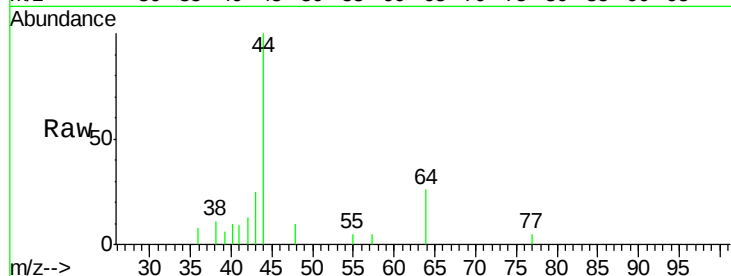
ClientSampleId :

Tot Ion: 43 Resp: 772

Ion Ratio Lower Upper

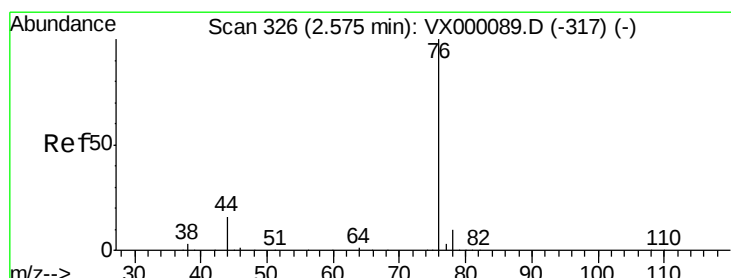
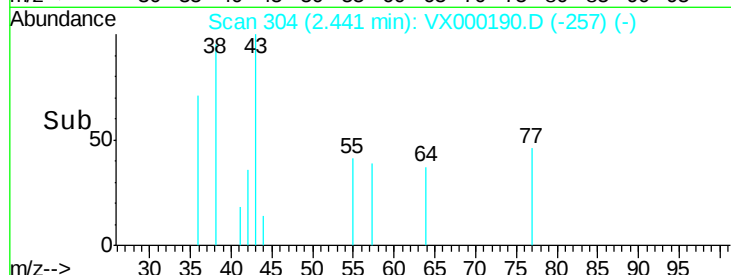
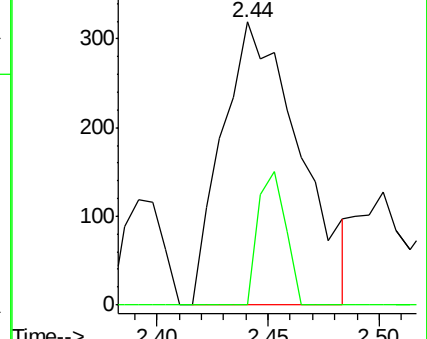
43 100

58 0.0 25.0 37.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.23 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000190.D

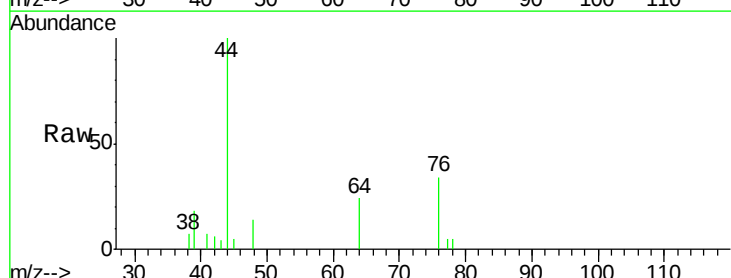
Acq: 02 Mar 2018 14:26

Tgt Ion: 76 Resp: 727

Ion Ratio Lower Upper

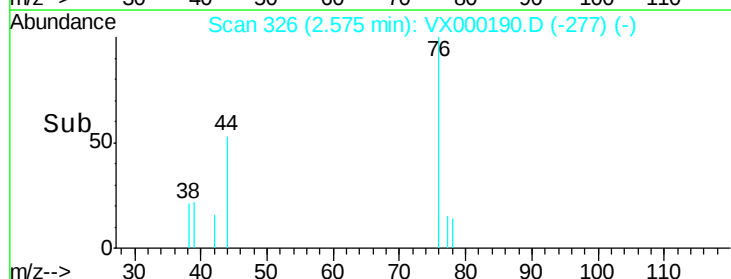
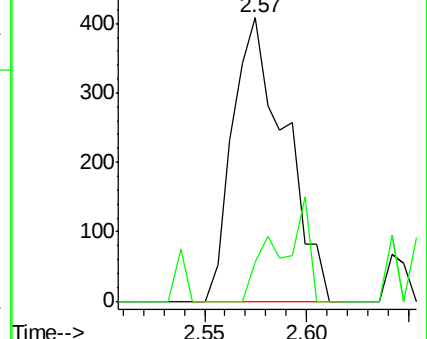
76 100

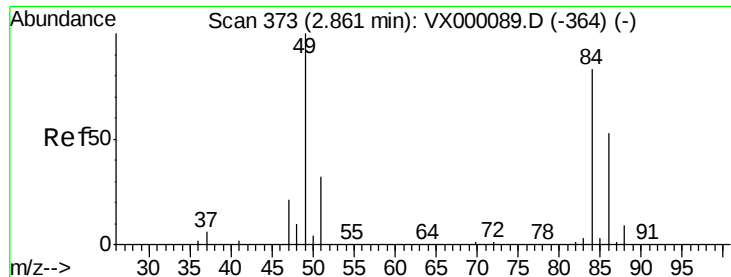
78 13.7 7.8 11.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

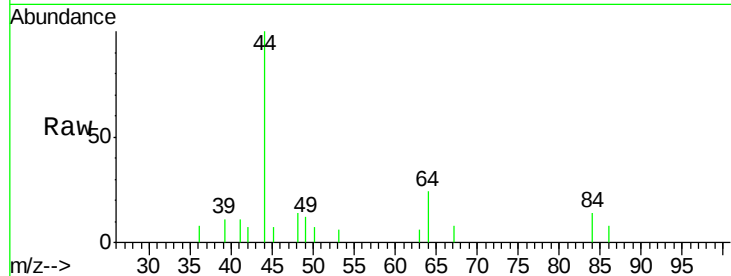




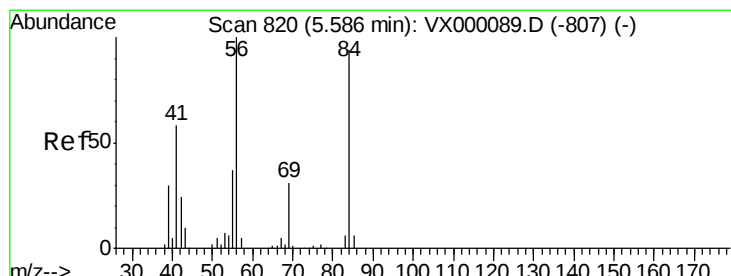
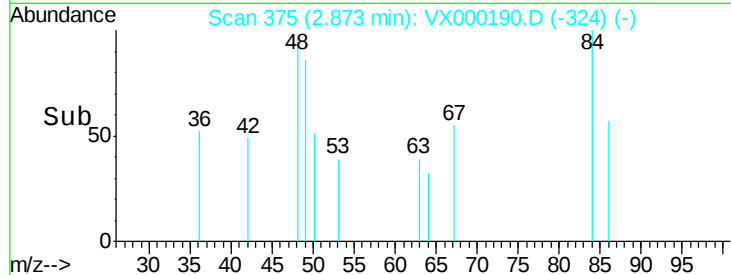
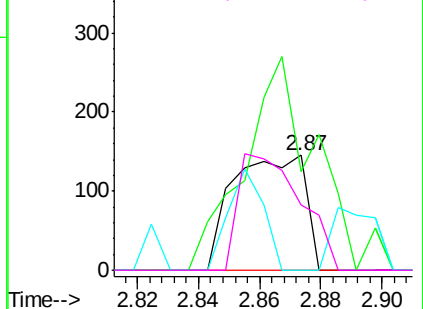
#20
Methvlene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 375
Delta R.T. 0.01 min
Lab File: VX000190.D
Acq: 02 Mar 2018 14:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 236
Ion Ratio Lower Upper
84 100
49 86.2 96.1 144.1#
51 0.0 30.5 45.7#
86 57.2 51.3 76.9

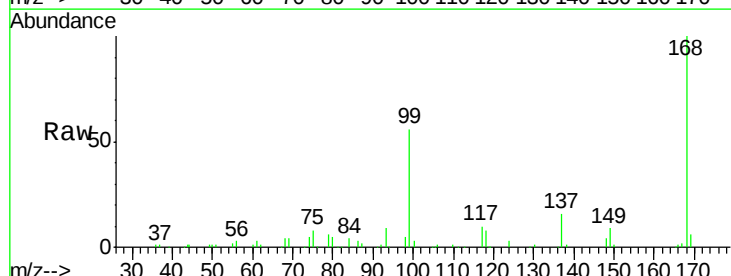


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

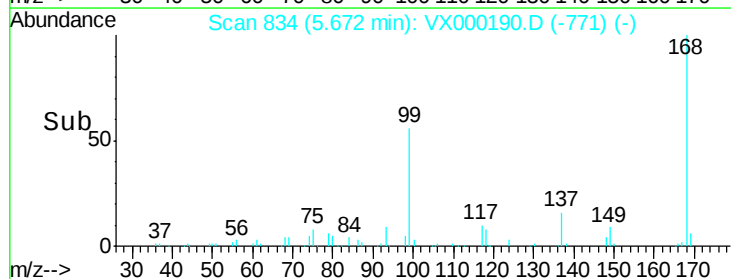
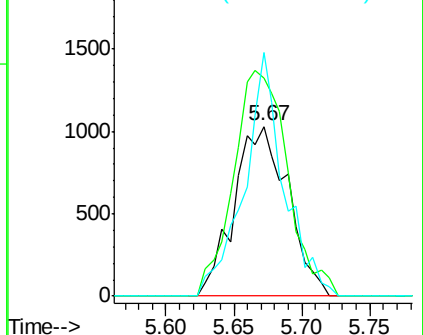


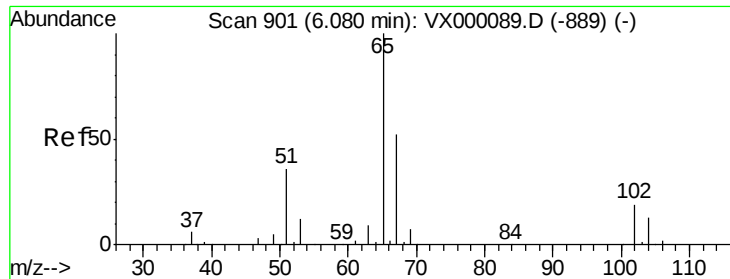
#31
Cyclohexane
Concen: 1.77 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX000190.D
Acq: 02 Mar 2018 14:26

Tgt Ion: 56 Resp: 2860
Ion Ratio Lower Upper
56 100
69 128.6 24.9 37.3#
84 143.6 75.0 112.4#



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

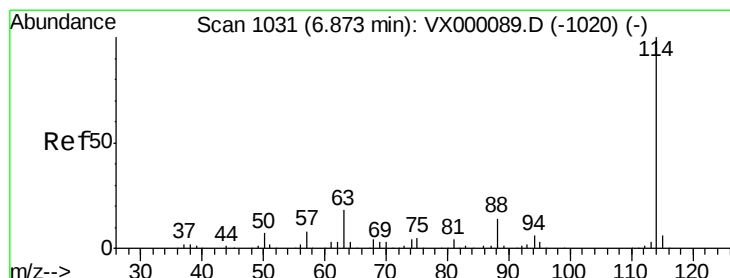
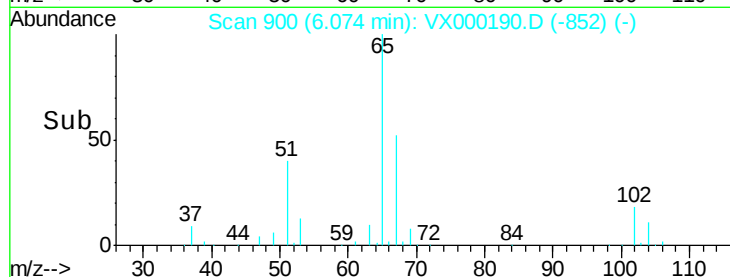
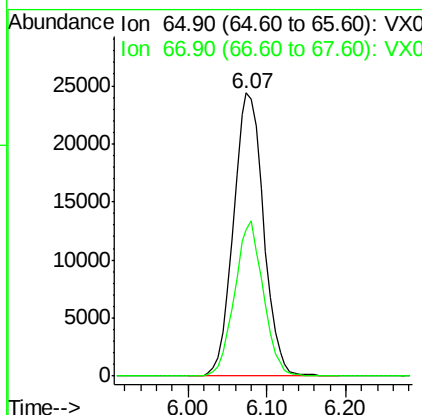
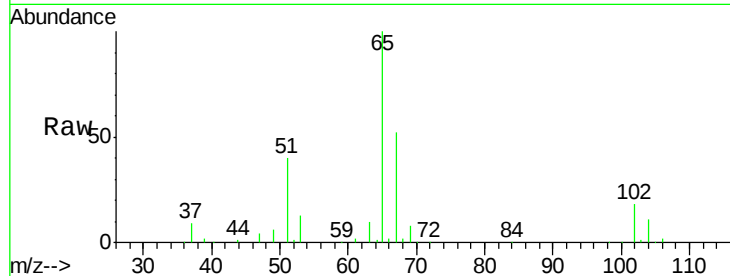




#33
 1,2-Dichloroethane-d4
 Concen: 49.95 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000190.D
 Acq: 02 Mar 2018 14:26

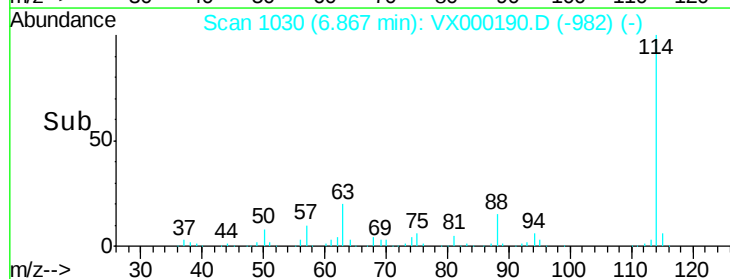
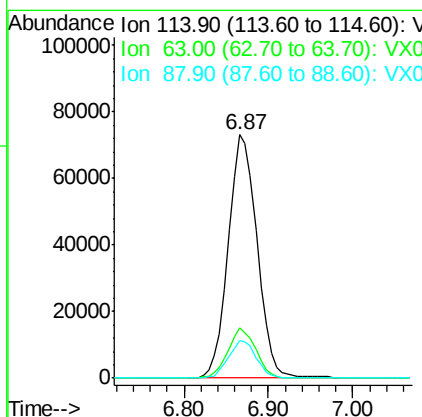
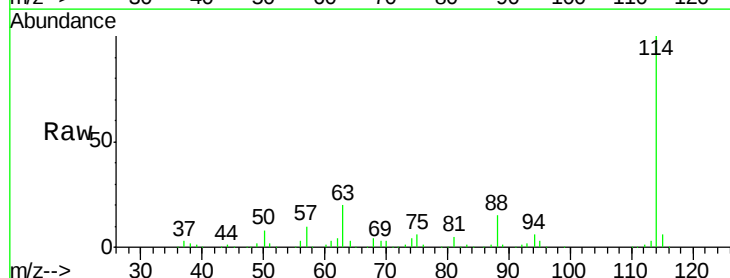
Instrument :
 MSVOA_X
 ClientSampled :

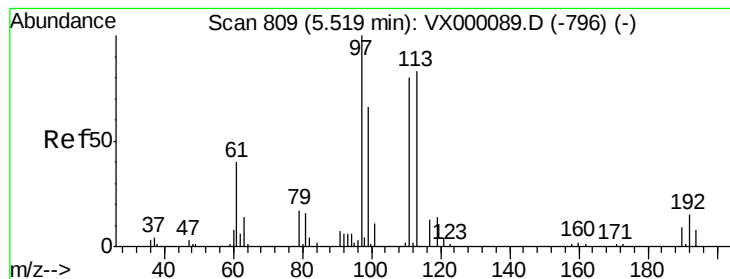
Tot Ion: 65 Resp: 64608
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000190.D
 Acq: 02 Mar 2018 14:26

Tgt Ion: 114 Resp: 170071
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 36.4
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 45.07 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000190.D

Acq: 02 Mar 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

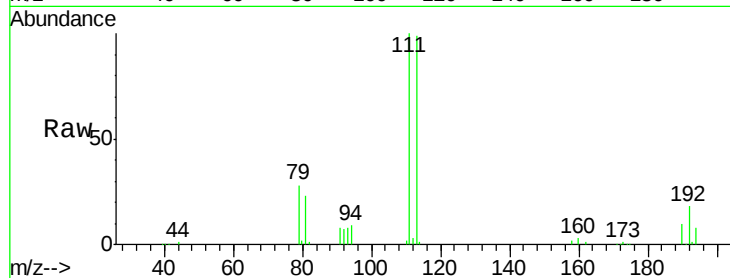
Tot Ion:113 Resp: 48377

Ion Ratio Lower Upper

113 100

111 103.5 81.0 121.6

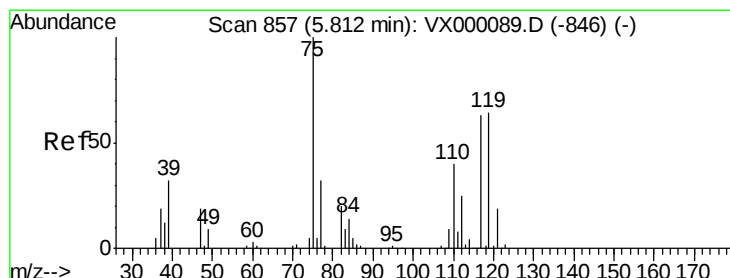
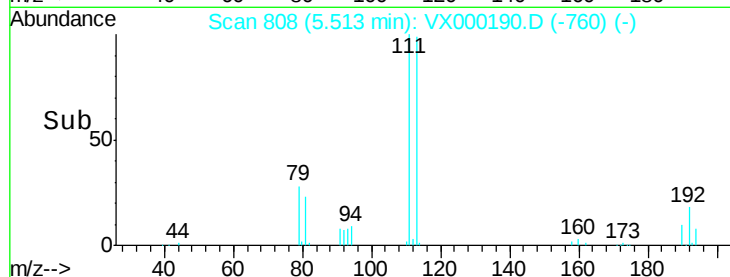
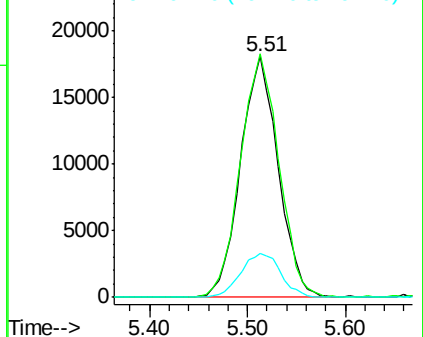
192 19.3 15.7 23.5



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: 5.55 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000190.D

Acq: 02 Mar 2018 14:26

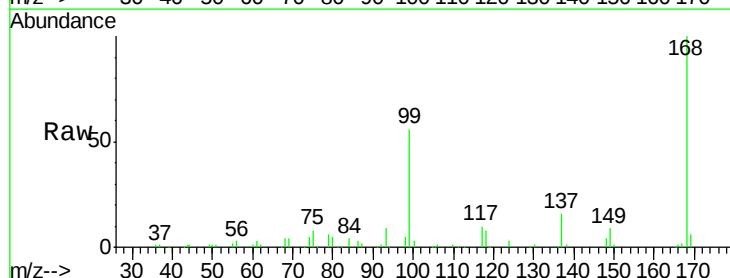
Tgt Ion: 75 Resp: 8463

Ion Ratio Lower Upper

75 100

110 4.0 19.5 58.5#

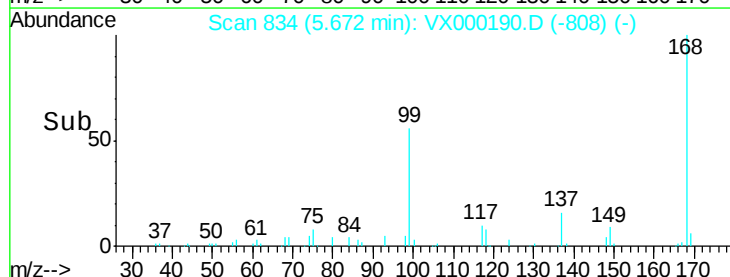
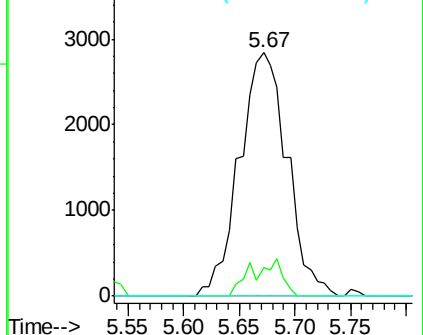
77 0.0 24.7 37.1#

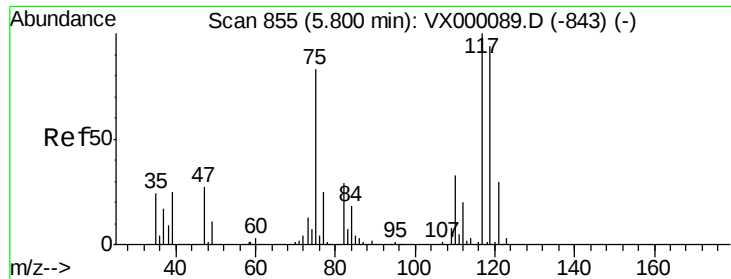


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.30 ua/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX000190.D

Acq: 02 Mar 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

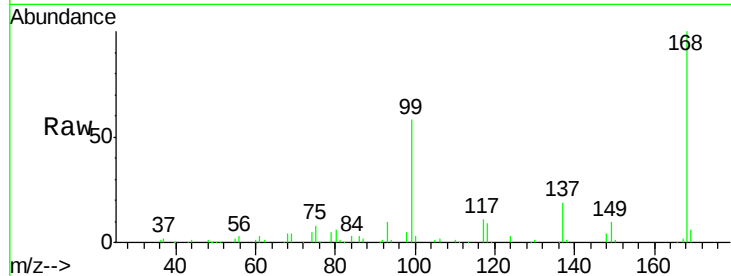
Tot Ion:117 Resp: 10388

Ion Ratio Lower Upper

117 100

119 3.8 75.3 112.9#

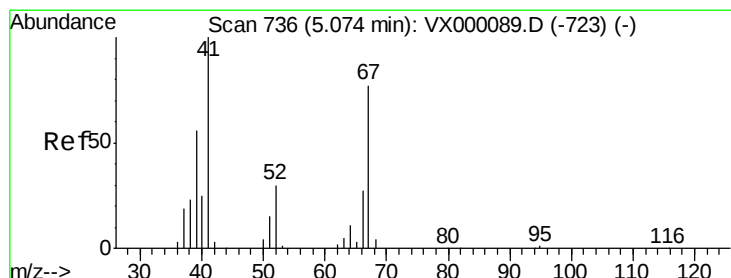
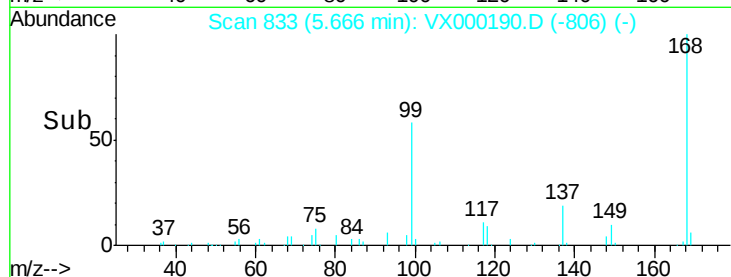
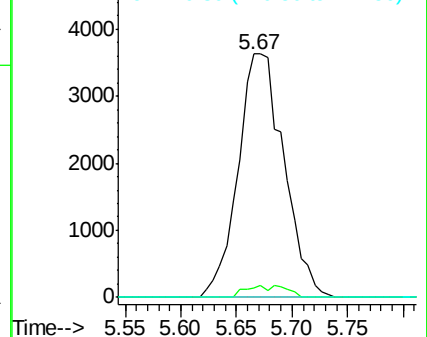
121 0.0 23.7 35.5#



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



#41

Methacrylonitrile

Concen: Below Cal

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX000190.D

Acq: 02 Mar 2018 14:26

Tgt Ion: 41 Resp: 48

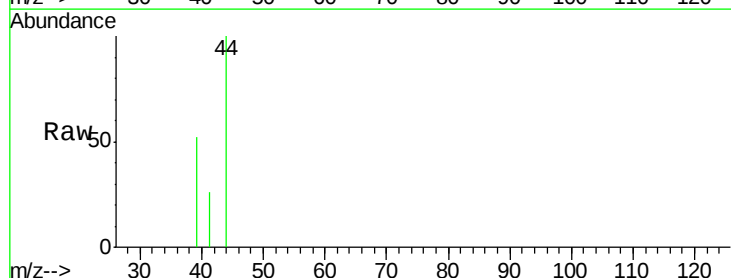
Ion Ratio Lower Upper

41 100

39 575.0 45.1 67.7#

67 0.0 61.0 91.4#

52 0.0 25.8 38.6#

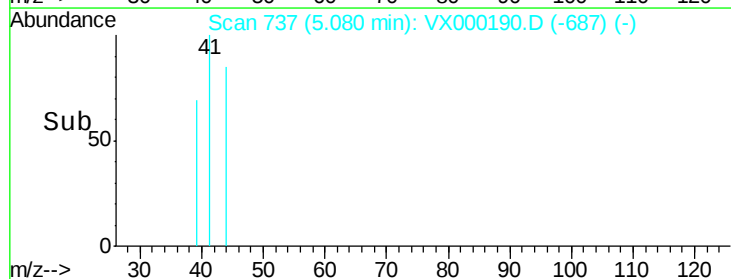
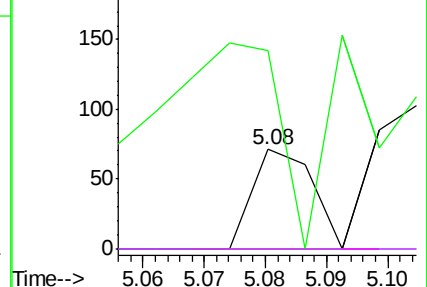


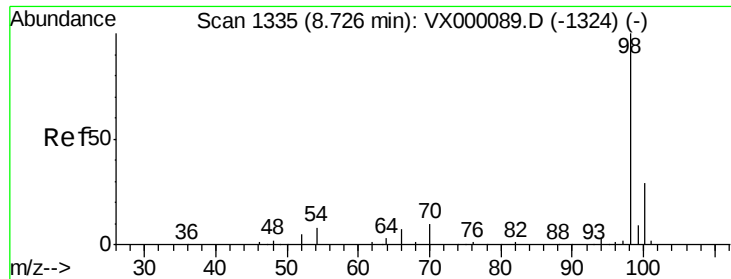
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

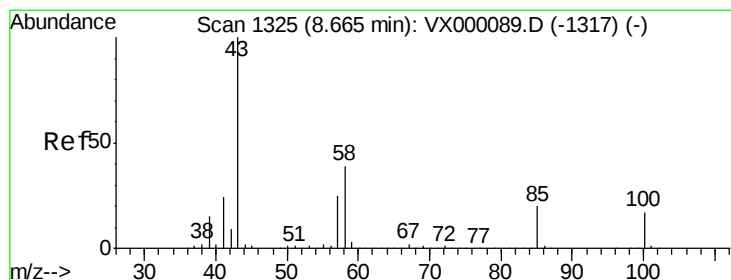
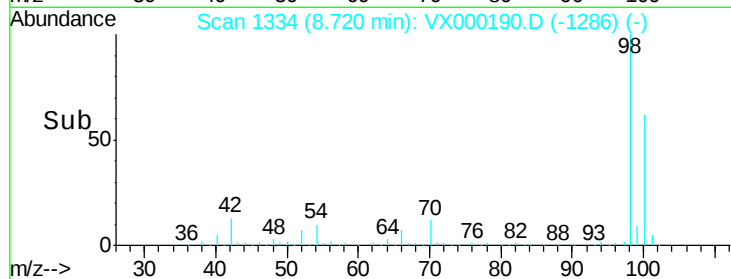
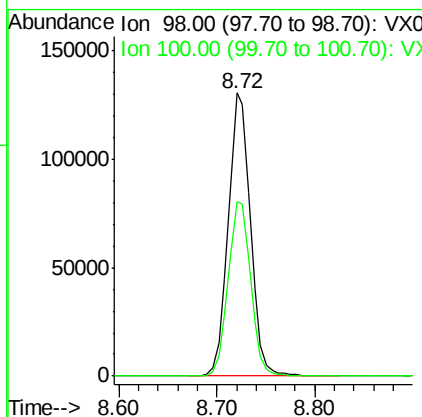
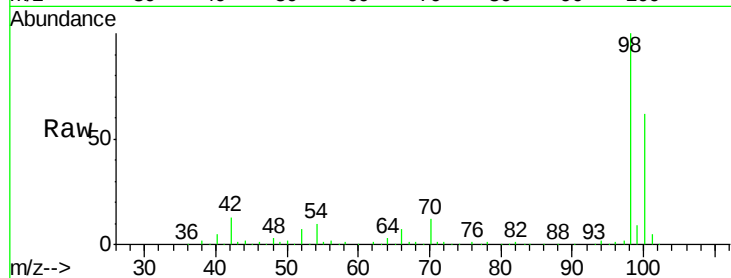




#50
Toluene-d8
Concen: 48.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000190.D
Acq: 02 Mar 2018 14:26

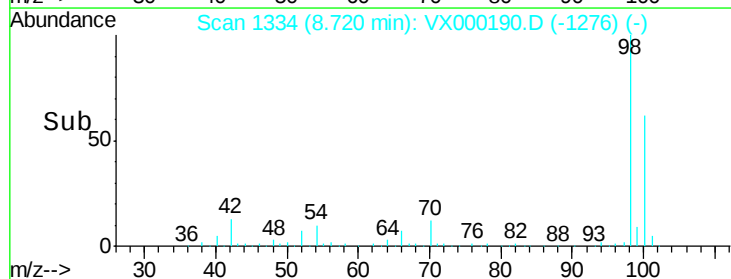
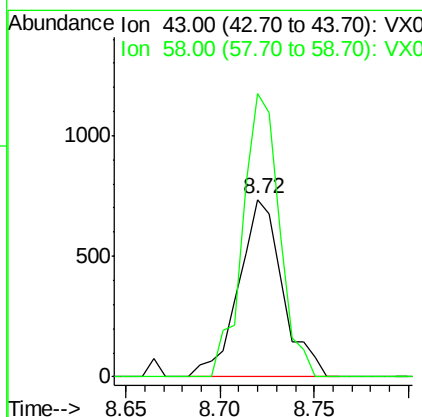
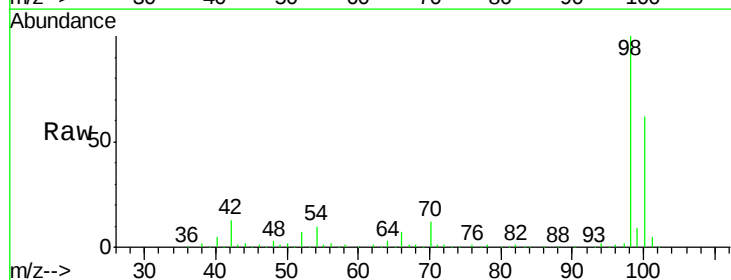
Instrument :
MSVOA_X
ClientSampleId :

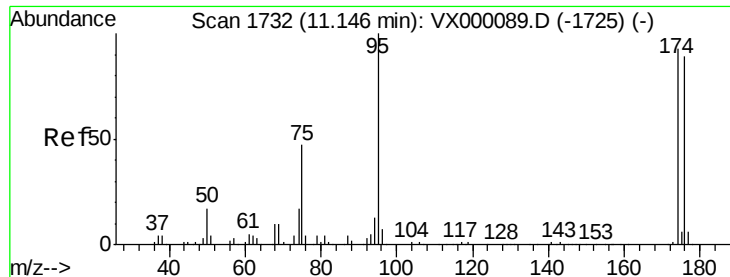
Tot Ion: 98 Resp: 205542
Ion Ratio Lower Upper
98 100
100 62.8 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.05 min
Lab File: VX000190.D
Acq: 02 Mar 2018 14:26

Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
58 133.1 31.6 47.4#

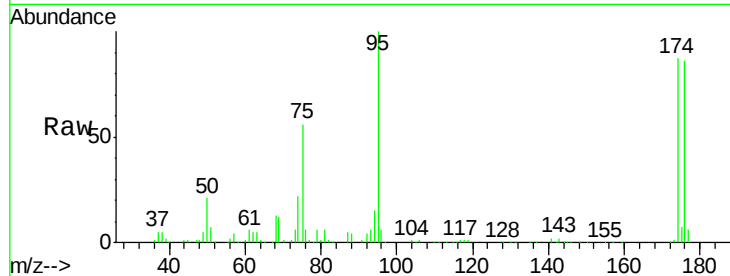




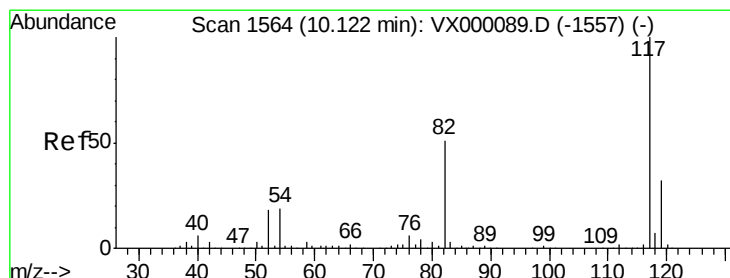
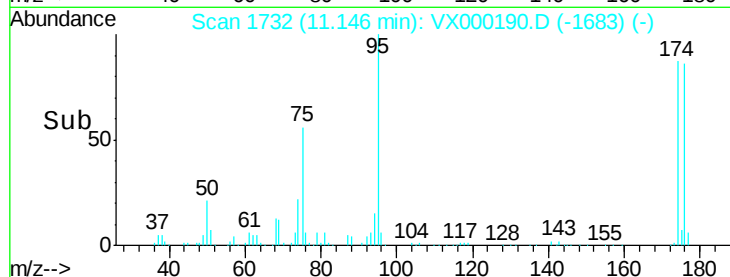
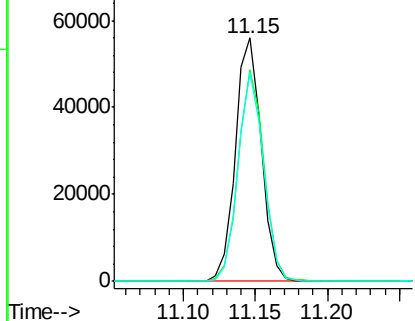
#62
4-Bromofluorobenzene
Concen: 42.40 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000190.D
Acq: 02 Mar 2018 14:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 70399
Ion Ratio Lower Upper
95 100
174 86.1 0.0 187.8
176 84.0 0.0 181.2

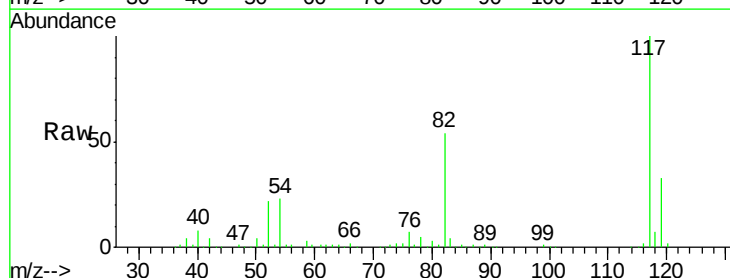


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

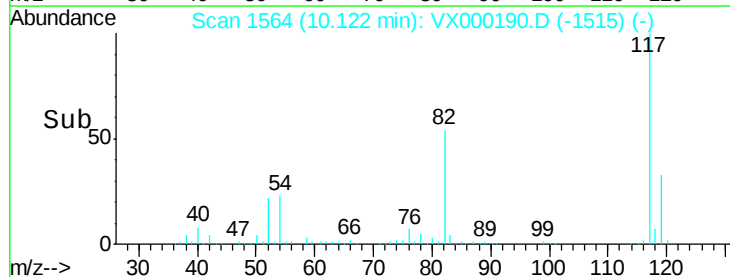
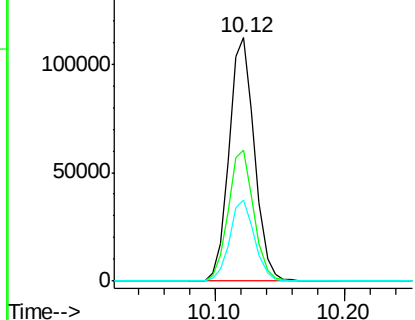


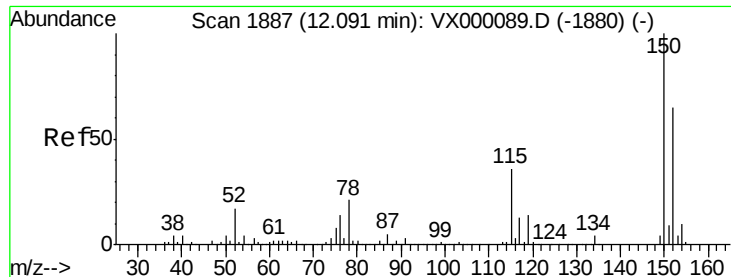
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000190.D
Acq: 02 Mar 2018 14:26

Tgt Ion: 117 Resp: 154865
Ion Ratio Lower Upper
117 100
82 54.0 41.0 61.6
119 33.2 25.5 38.3



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: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000190.D

Acq: 02 Mar 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

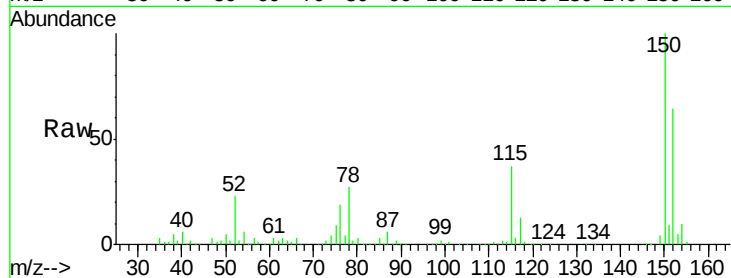
Tot Ion:152 Resp: 81512

Ion Ratio Lower Upper

152 100

115 57.8 39.1 117.2

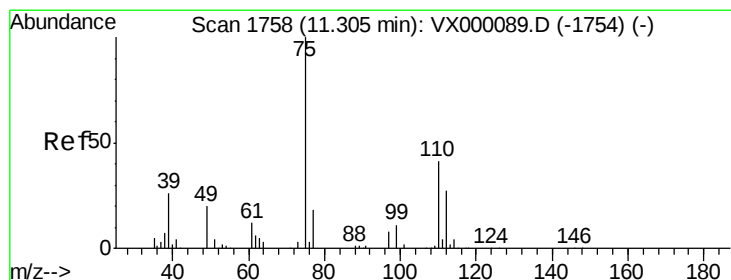
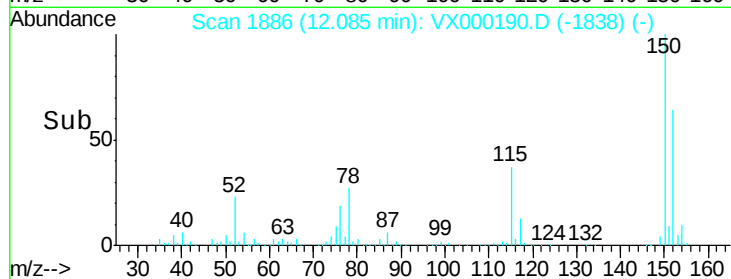
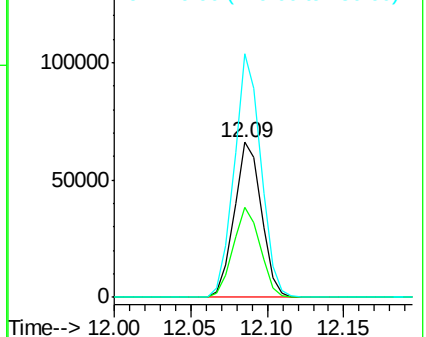
150 153.6 0.0 348.2



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: 24.18 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000190.D

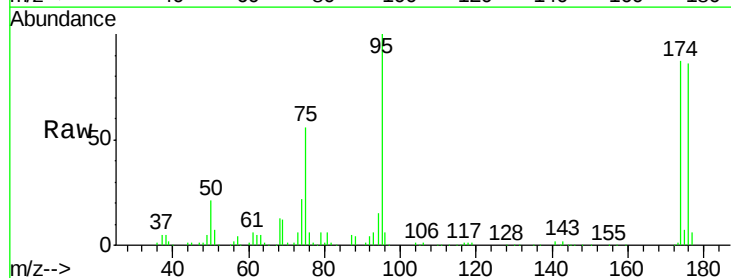
Acq: 02 Mar 2018 14:26

Tgt Ion: 75 Resp: 40829

Ion Ratio Lower Upper

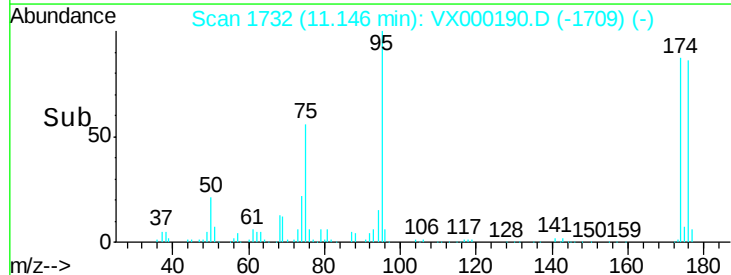
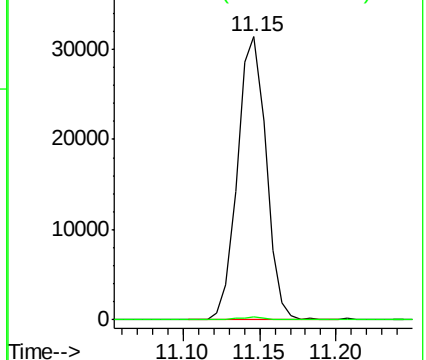
75 100

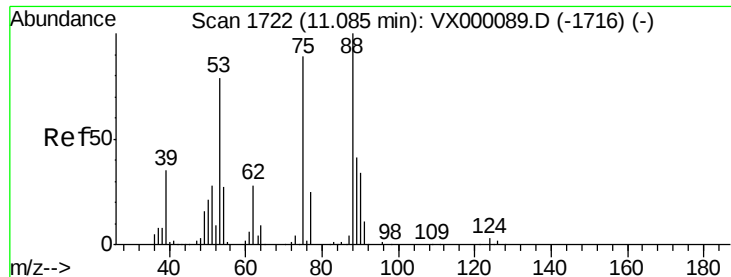
77 1.0 22.8 68.3#



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: 68.87 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000190.D

Acq: 02 Mar 2018 14:26

Instrument :

MSVOA_X

ClientSampleId :

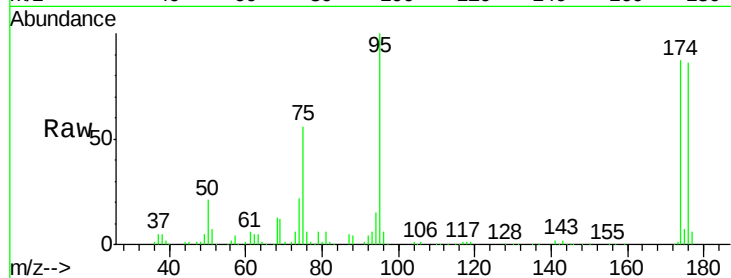
Tot Ion: 75 Resp: 40829

Ion Ratio Lower Upper

75 100

53 0.0 72.3 108.5#

89 0.0 40.6 60.8#



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

