

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001040.D
 Acq On : 21 Apr 2018 05:25
 Operator : JC/MD
 Sample : J2377-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 06:53:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	208135	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	158105	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
35) Dibromofluoromethane	5.51	113	121537	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
50) Toluene-d8	8.72	98	478677	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.14	95	184148	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	

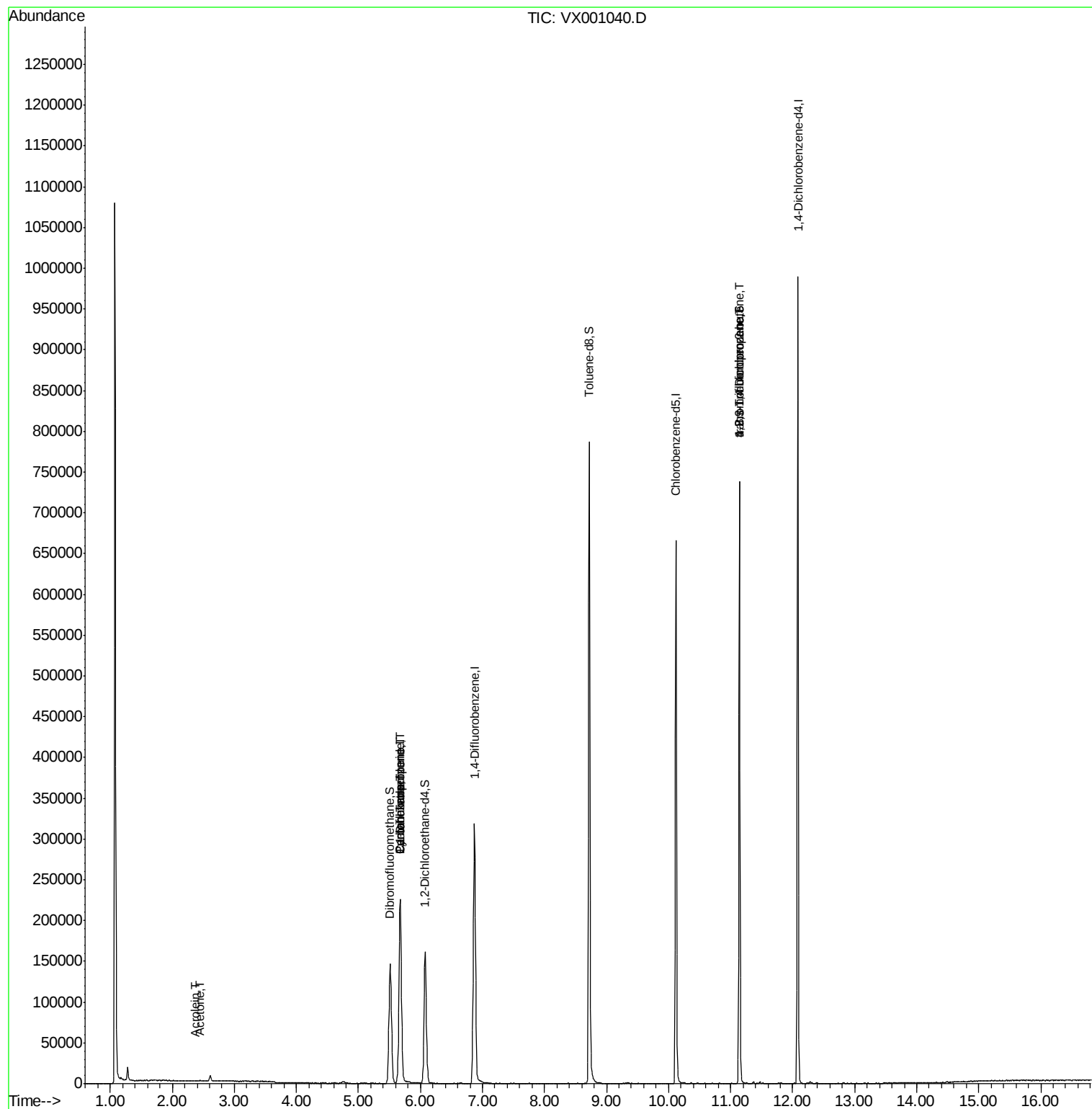
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	144	Below Cal	#	38
13) Acrolein	2.37	56	21	11.08	ug/l #	14
16) Acetone	2.45	43	949	0.83	ug/l #	83
31) Cyclohexane	5.67	56	4597	1.08	ug/l #	8
36) 1,1-Dichloropropene	5.67	75	15053	3.77	ug/l #	50
38) Carbon Tetrachloride	5.67	117	21112	5.22	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	93949	26.02	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	93949	77.90	ug/l #	8

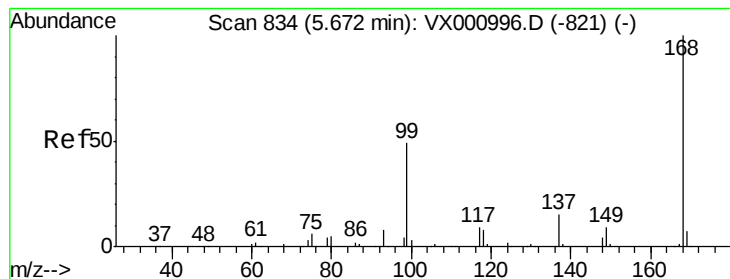
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001040.D

Acq: 21 Apr 2018 05:25

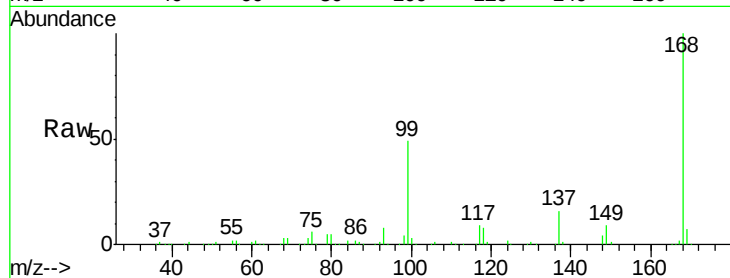
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 238859

Ion Ratio Lower Upper

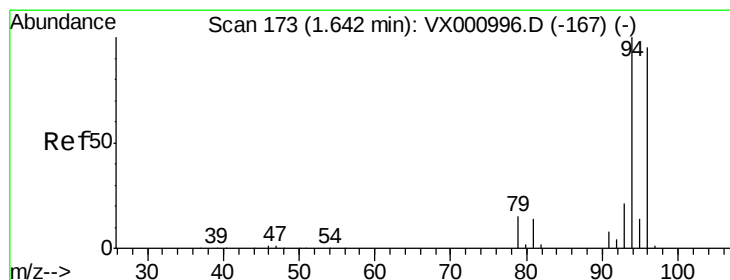
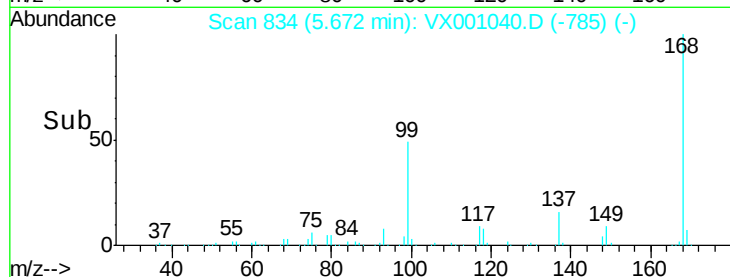
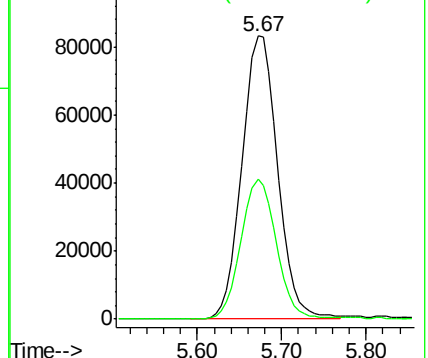
168 100

99 49.3 39.2 58.8



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: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX001040.D

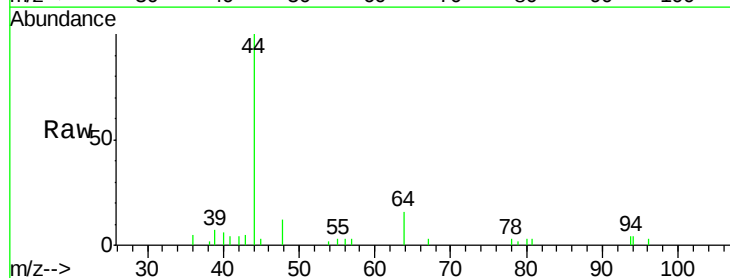
Acq: 21 Apr 2018 05:25

Tgt Ion: 94 Resp: 144

Ion Ratio Lower Upper

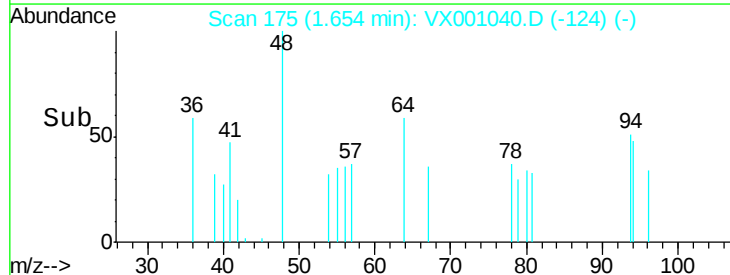
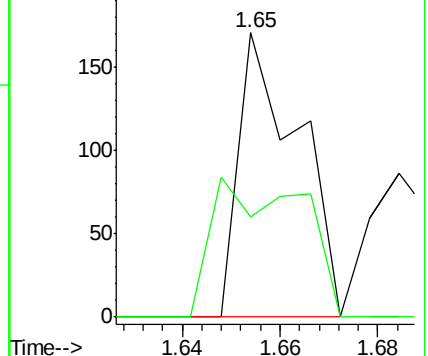
94 100

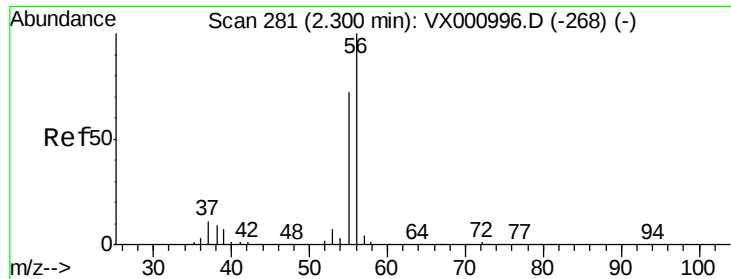
96 35.1 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#13

Acrolein

Concen: 11.08 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.07 min

Lab File: VX001040.D

Acq: 21 Apr 2018 05:25

Instrument :

MSVOA_X

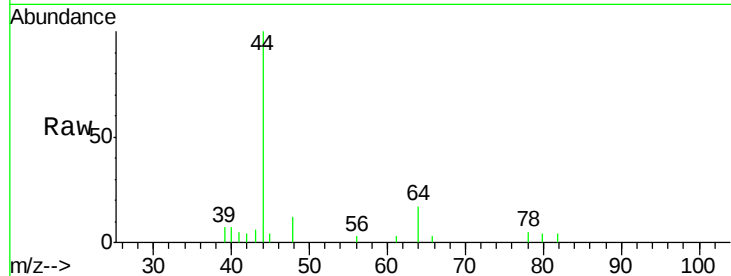
ClientSampleId :

Tot Ion: 56 Resp: 21

Ion Ratio Lower Upper

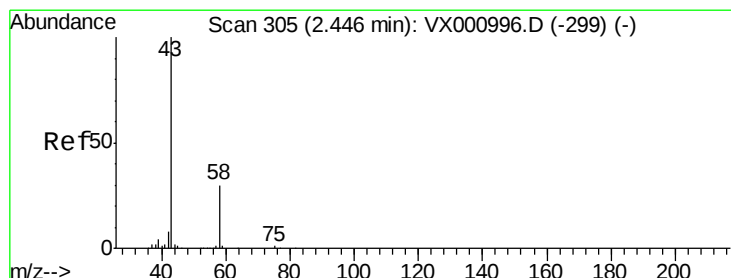
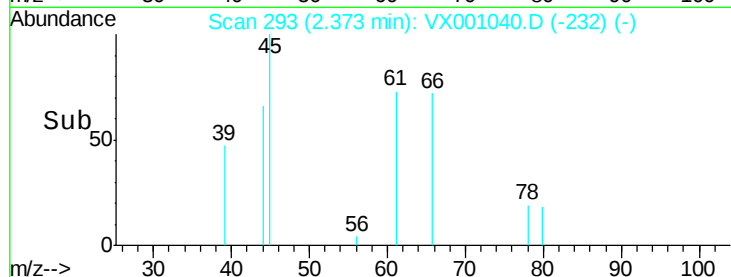
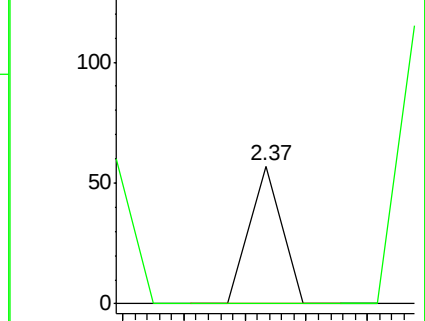
56 100

55 0.0 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.83 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001040.D

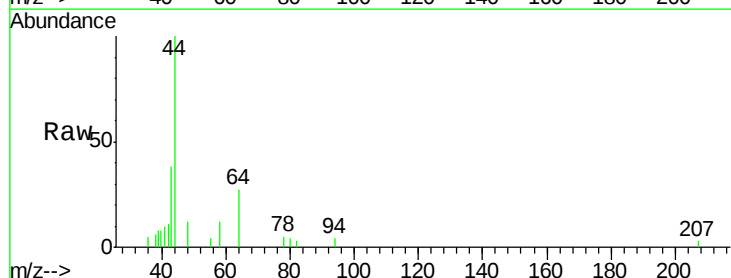
Acq: 21 Apr 2018 05:25

Tgt Ion: 43 Resp: 949

Ion Ratio Lower Upper

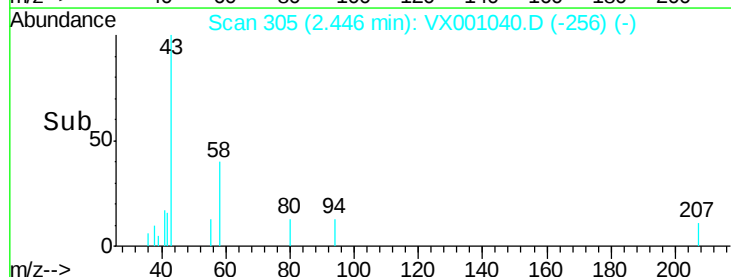
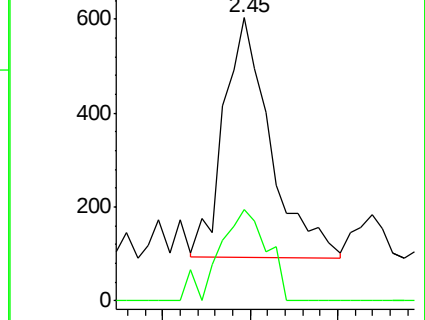
43 100

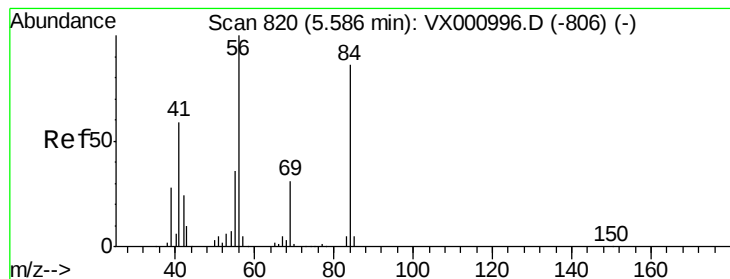
58 38.7 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#31

Cyclohexane

Concen: 1.08 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001040.D

Acq: 21 Apr 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :

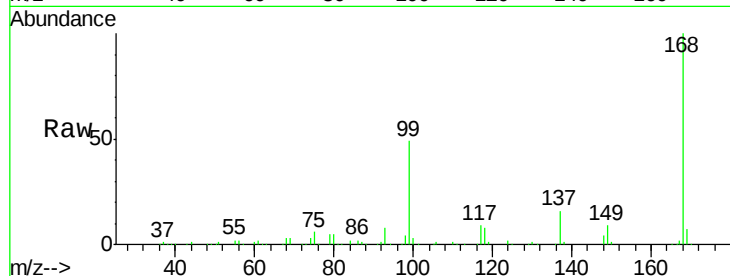
Tot Ion: 56 Resp: 4597

Ion Ratio Lower Upper

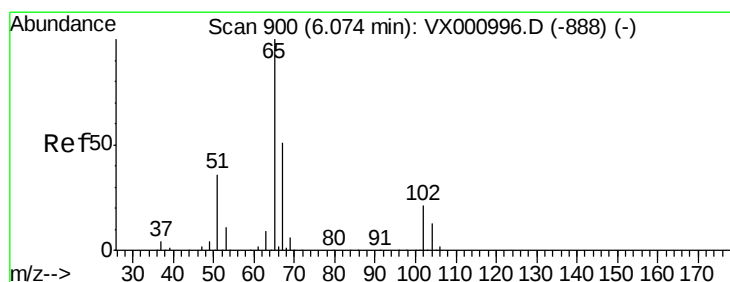
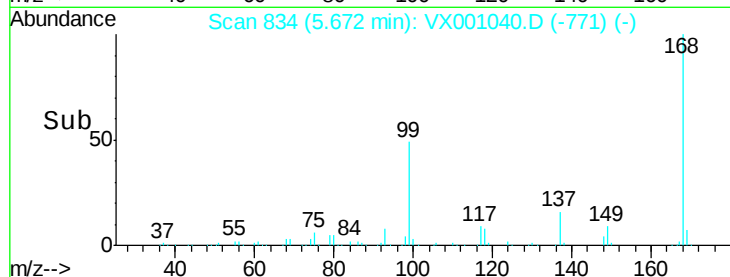
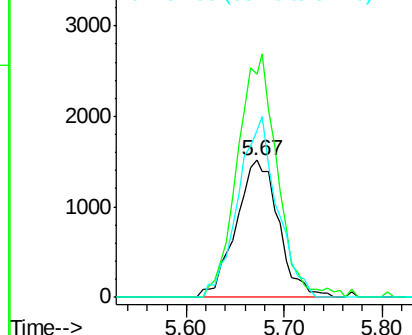
56 100

69 162.6 24.6 36.8#

84 121.8 69.0 103.6#



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: 52.22 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001040.D

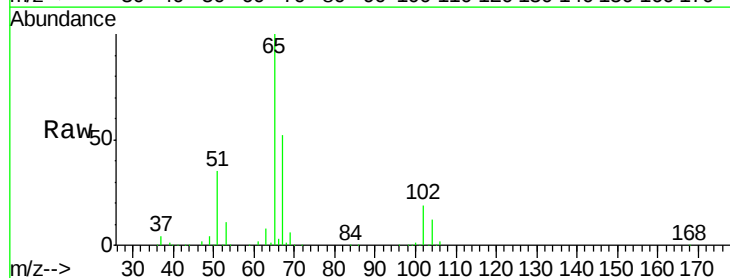
Acq: 21 Apr 2018 05:25

Tgt Ion: 65 Resp: 158105

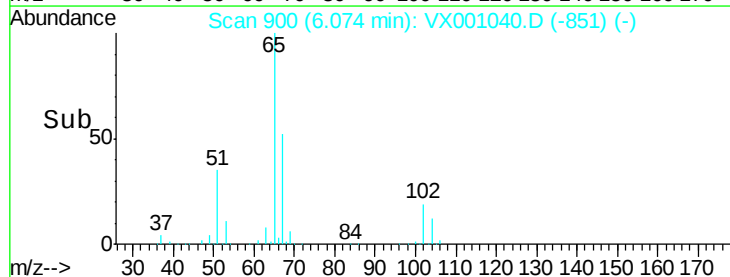
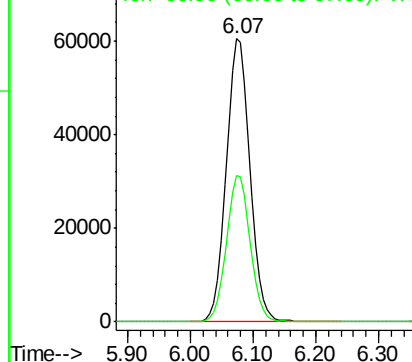
Ion Ratio Lower Upper

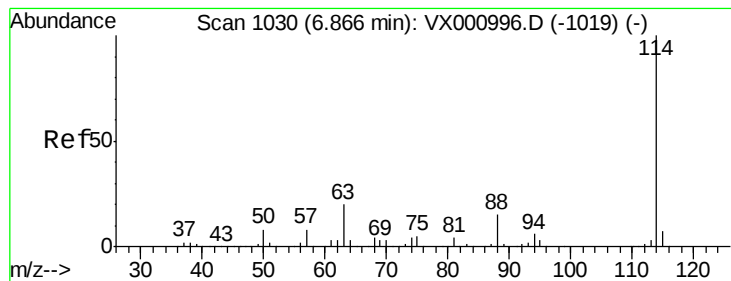
65 100

67 51.6 0.0 102.6



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# 1031

Delta R.T. 0.01 min

Lab File: VX001040.D

Acq: 21 Apr 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

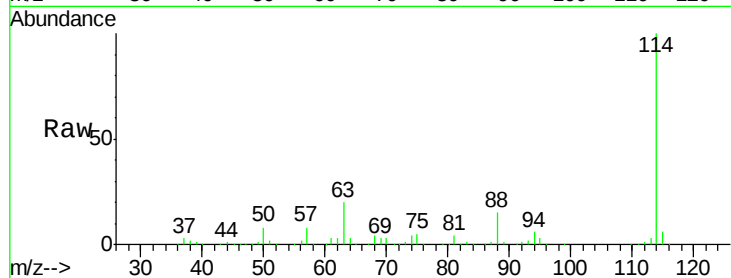
Tot Ion:114 Resp: 340122

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

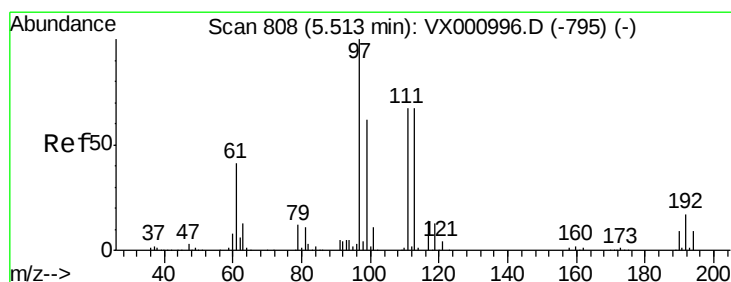
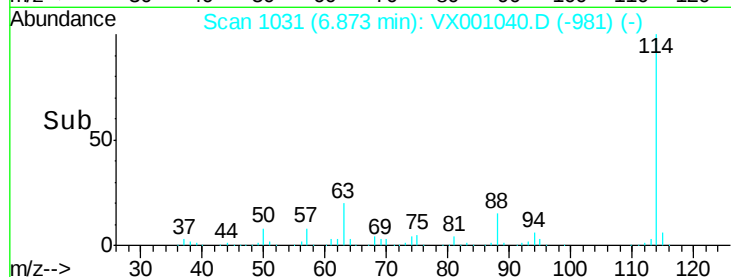
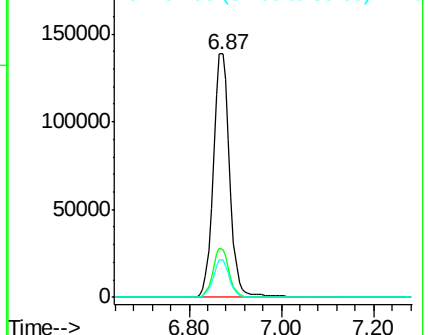
88 15.4 0.0 29.8



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: 46.86 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001040.D

Acq: 21 Apr 2018 05:25

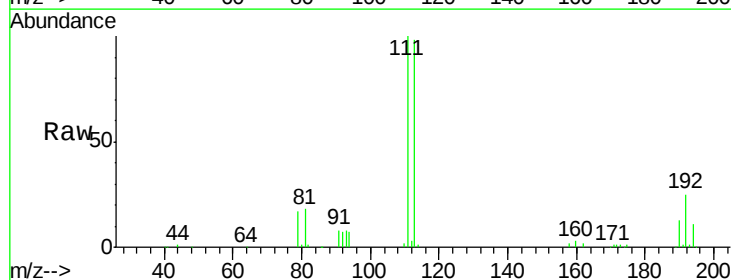
Tgt Ion:113 Resp: 121537

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

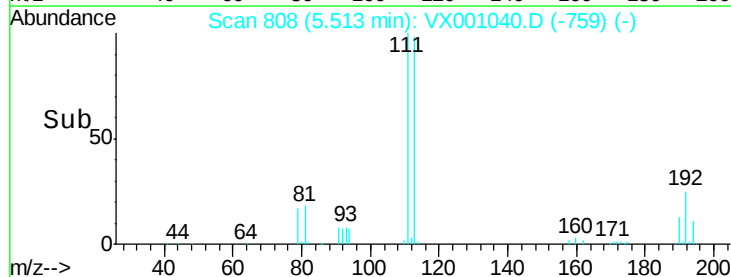
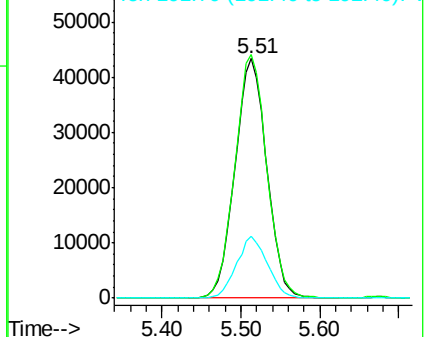
192 25.0 20.4 30.6

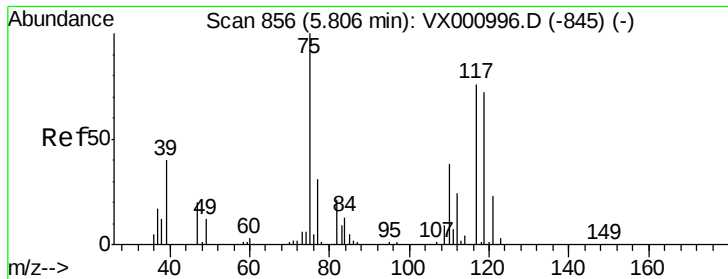


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

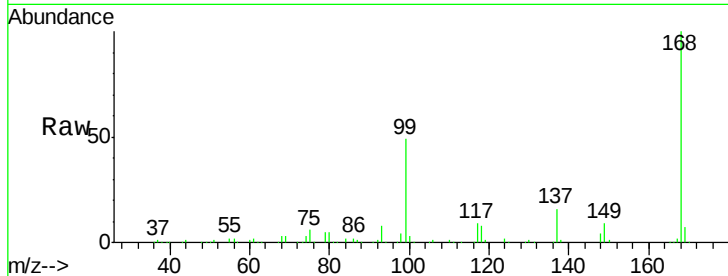




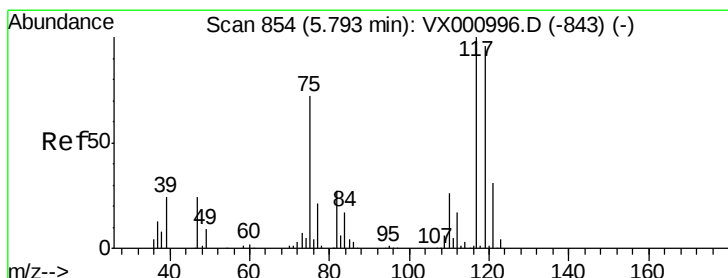
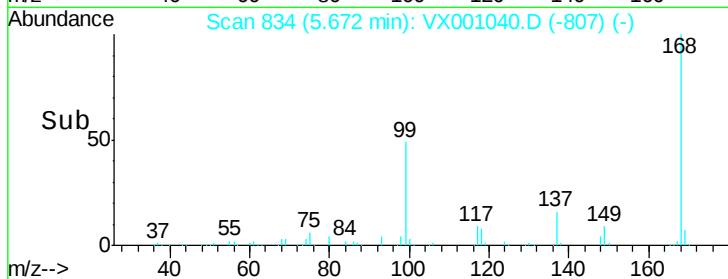
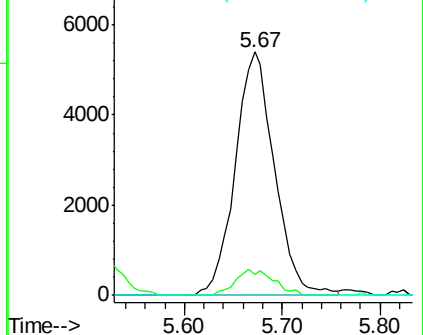
#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001040.D
 Acq: 21 Apr 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 15053
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.7 56.1#
 77 0.0 25.0 37.4#

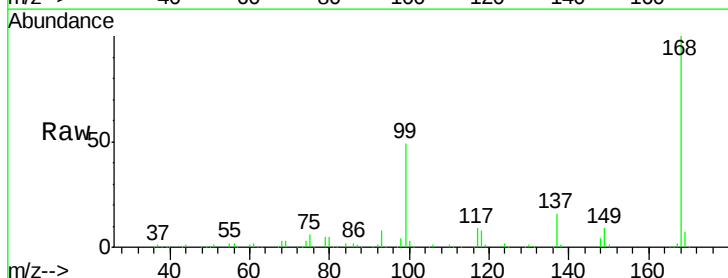


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

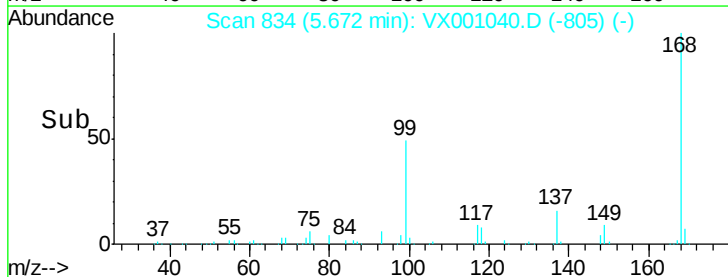
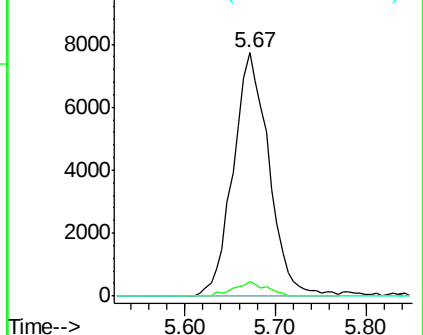


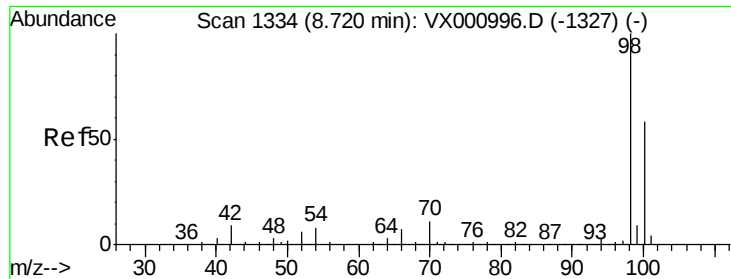
#38
 Carbon Tetrachloride
 Concen: 5.22 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001040.D
 Acq: 21 Apr 2018 05:25

Tgt Ion:117 Resp: 21112
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.5 114.7#
 121 0.0 24.5 36.7#



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

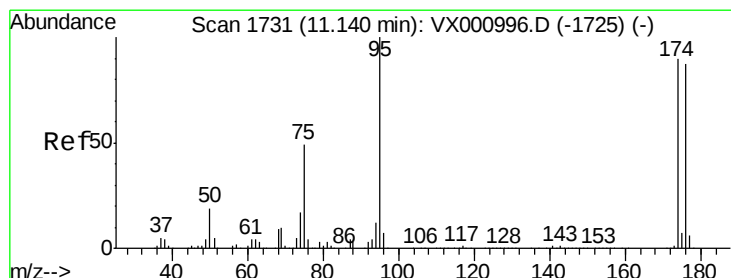
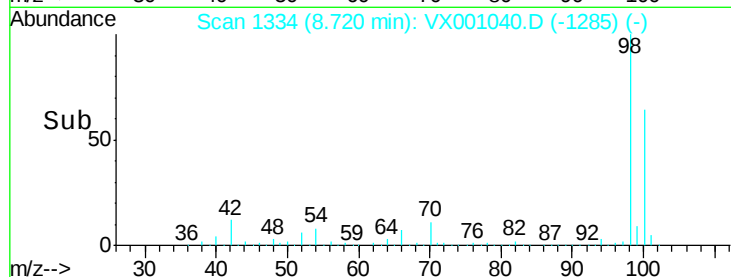
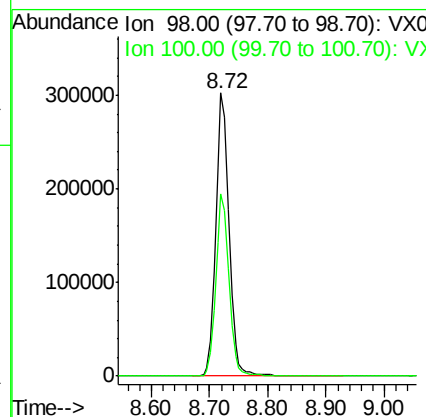
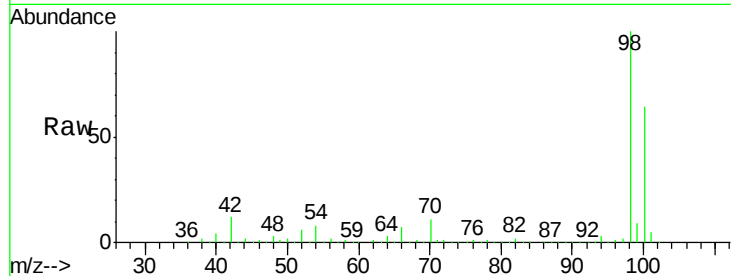




#50
Toluene-d8
Concen: 49.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001040.D
Acq: 21 Apr 2018 05:25

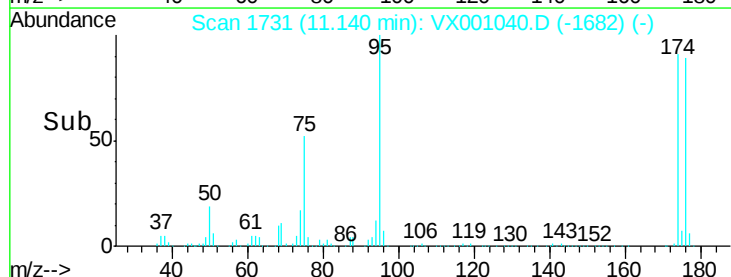
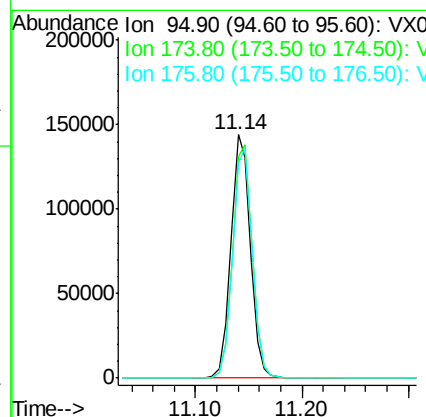
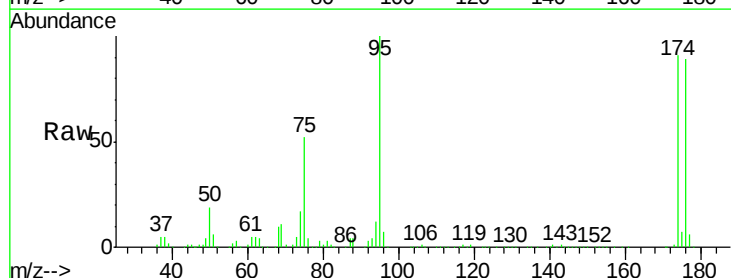
Instrument :
MSVOA_X
ClientSampleId :

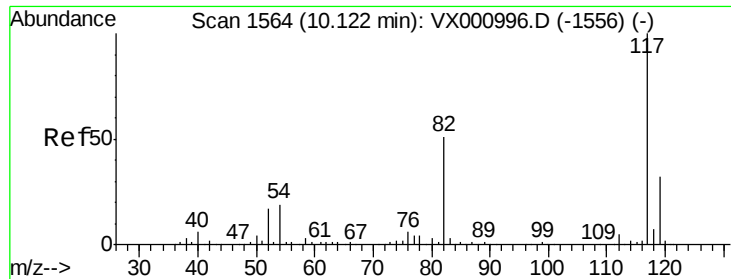
Tot Ion: 98 Resp: 478677
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.75 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001040.D
Acq: 21 Apr 2018 05:25

Tgt Ion: 95 Resp: 184148
Ion Ratio Lower Upper
95 100
174 97.3 0.0 198.4
176 95.4 0.0 192.0

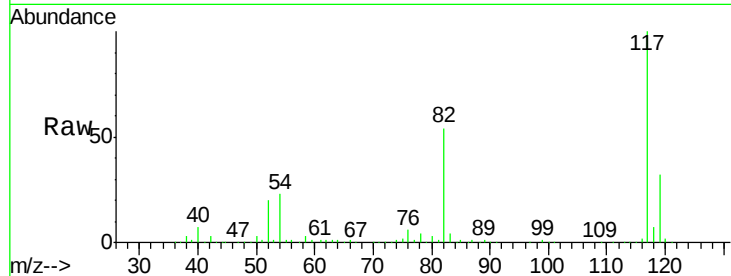




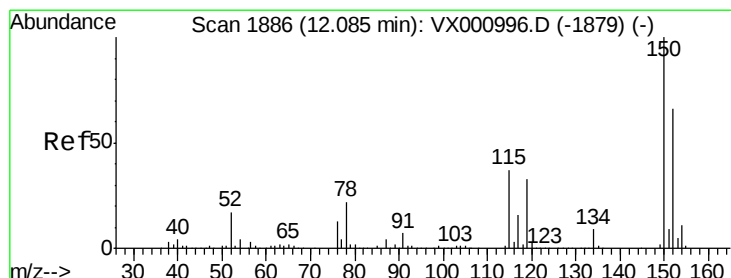
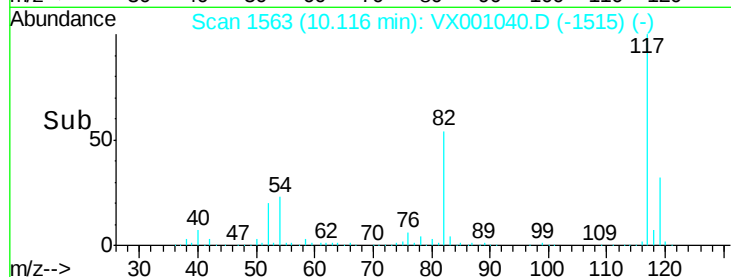
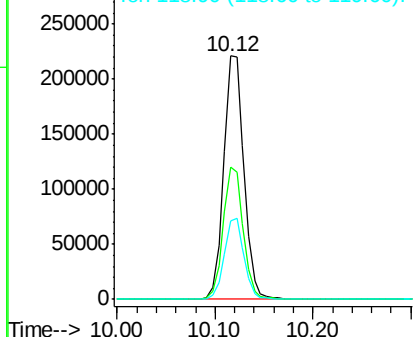
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001040.D
Acq: 21 Apr 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 317103
Ion Ratio Lower Upper
117 100
82 54.4 40.6 60.8
119 32.3 26.0 39.0

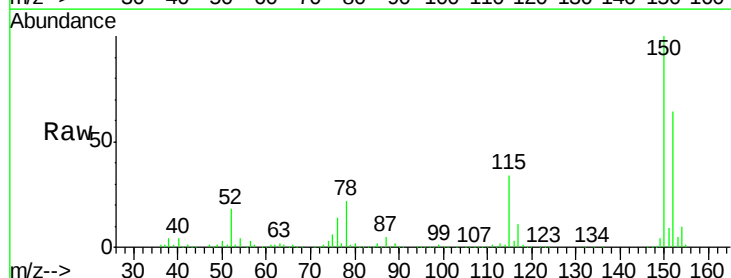


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

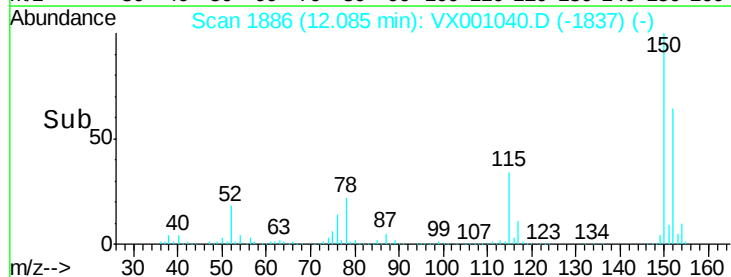
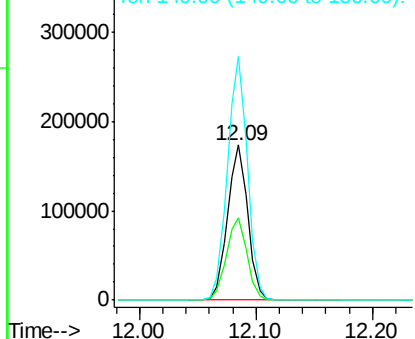


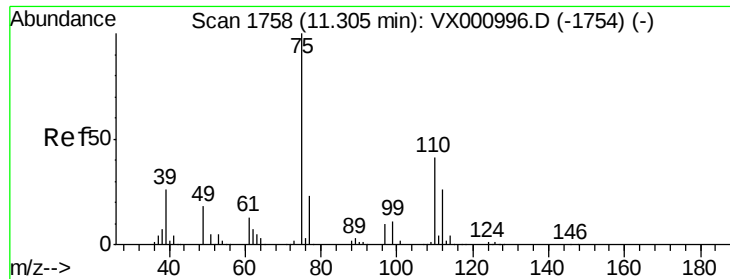
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001040.D
Acq: 21 Apr 2018 05:25

Tgt Ion:152 Resp: 208135
Ion Ratio Lower Upper
152 100
115 54.0 38.2 114.6
150 156.0 0.0 350.4



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

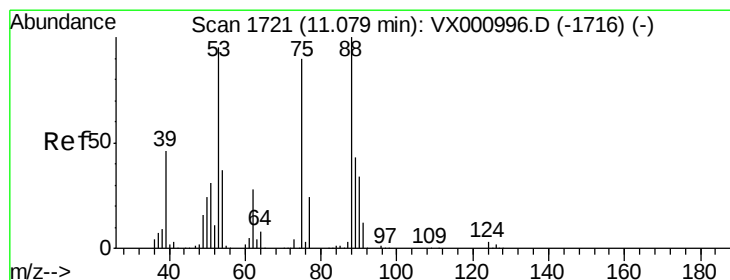
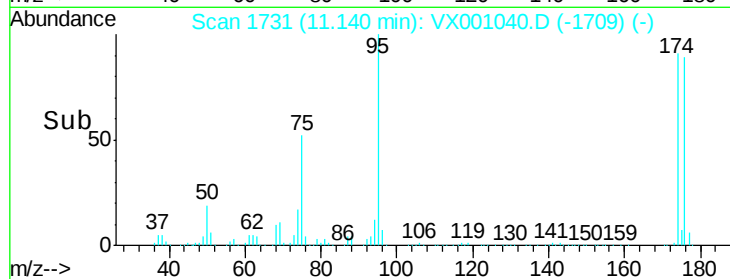
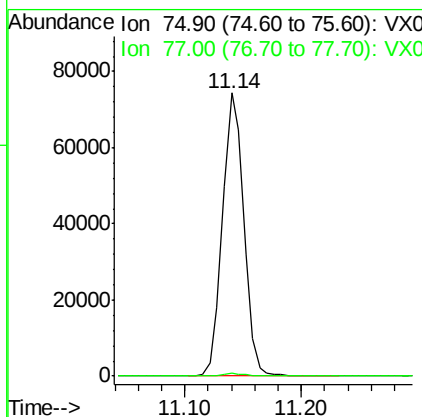
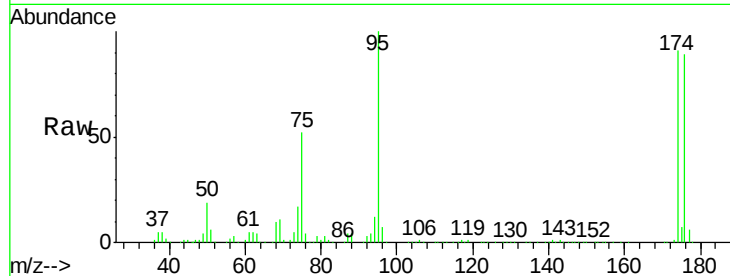




#76
 1,2,3-Trichloropropane
 Concen: 26.02 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001040.D
 Acq: 21 Apr 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 93949
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.90 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001040.D
 Acq: 21 Apr 2018 05:25

Tgt Ion: 75 Resp: 93949
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 39.7 59.5#

