

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001041.D
 Acq On : 21 Apr 2018 05:50
 Operator : JC/MD
 Sample : J2377-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 06:53:48 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	236908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335600	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209661	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	157286	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
35) Dibromofluoromethane	5.51	113	120229	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
50) Toluene-d8	8.72	98	475177	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.14	95	183590	46.23	ug/l	0.00
Spiked Amount			Recovery	=	92.46%	

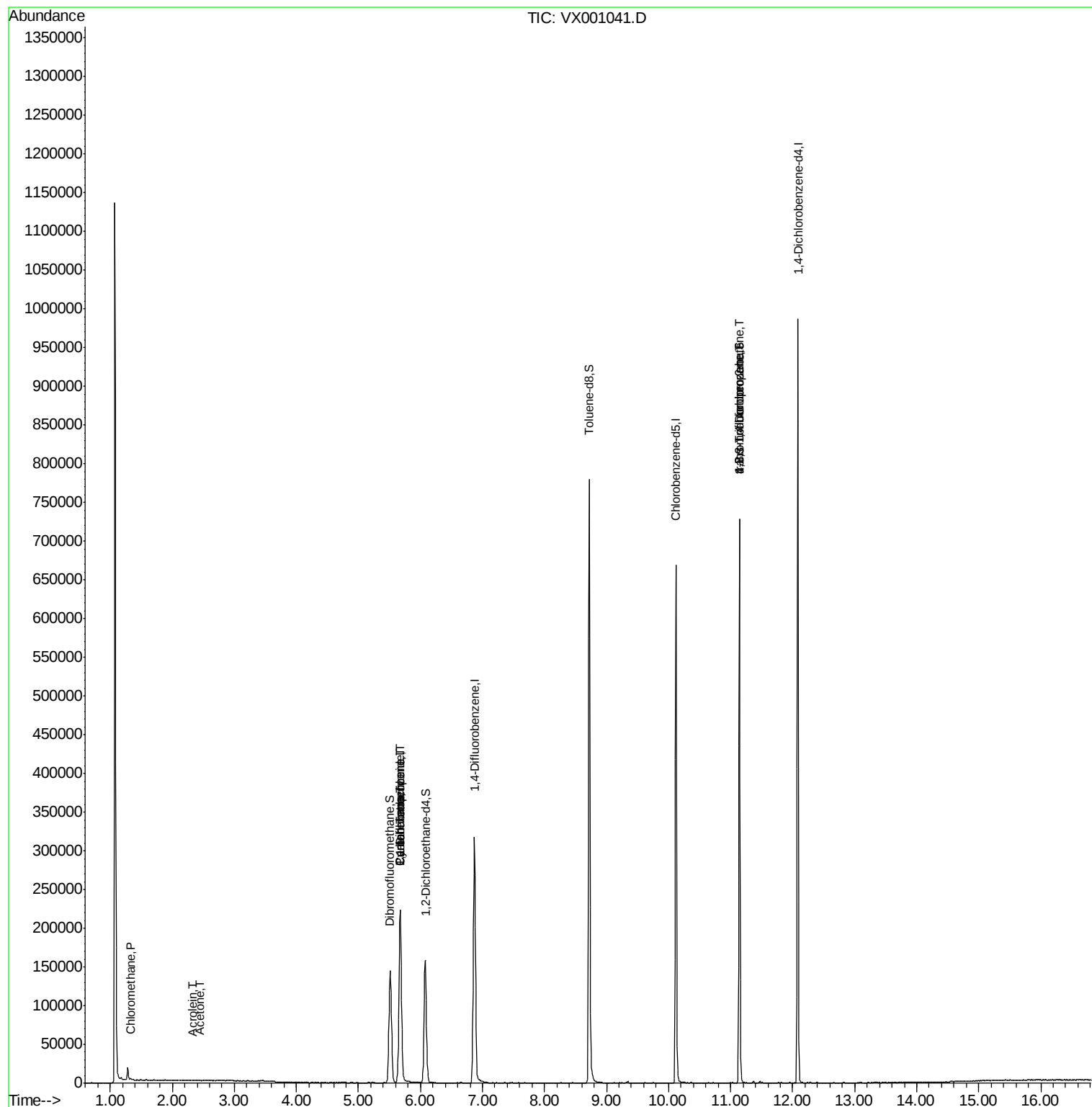
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	679	0.25	ug/l	99
5) Bromomethane	1.67	94	92	Below Cal	#	76
13) Acrolein	2.33	56	46	11.25	ug/l #	1
16) Acetone	2.45	43	777	0.69	ug/l	92
20) Methylene Chloride	2.87	84	19	Below Cal	#	1
31) Cyclohexane	5.68	56	4146	0.98	ug/l #	1
36) 1,1-Dichloropropene	5.68	75	15048	3.82	ug/l #	48
38) Carbon Tetrachloride	5.67	117	20577	5.15	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	92554	25.44	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	92554	76.26	ug/l #	8

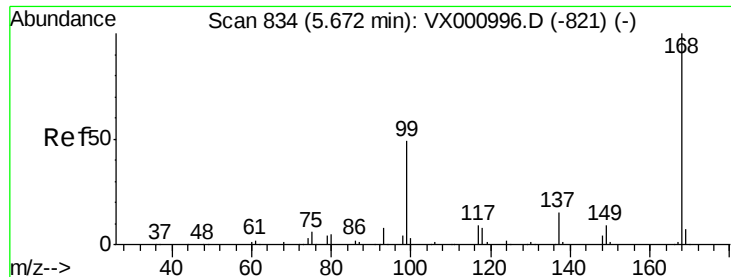
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001041.D

Acq: 21 Apr 2018 05:50

Instrument :

MSVOA_X

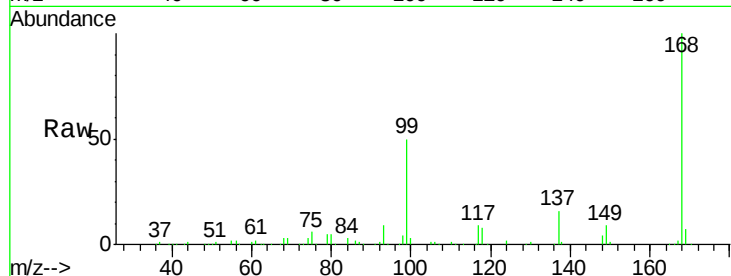
ClientSampleId :

Tot Ion:168 Resp: 236908

Ion Ratio Lower Upper

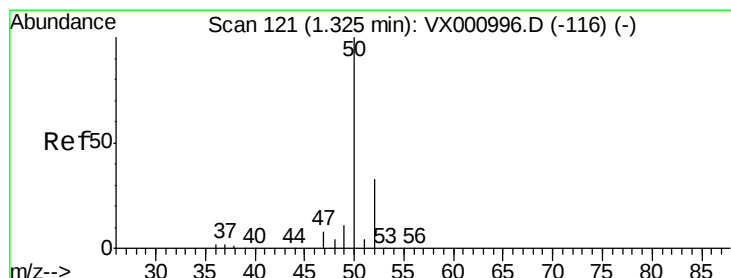
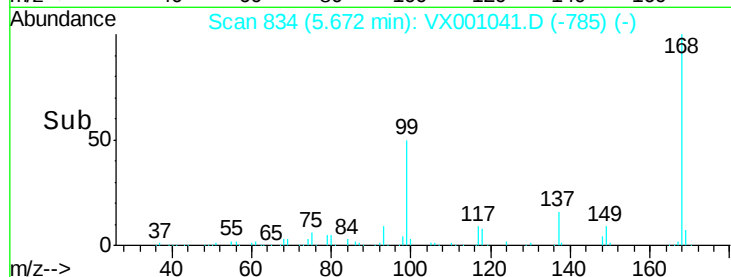
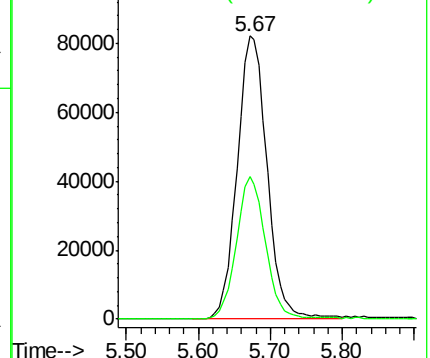
168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001041.D

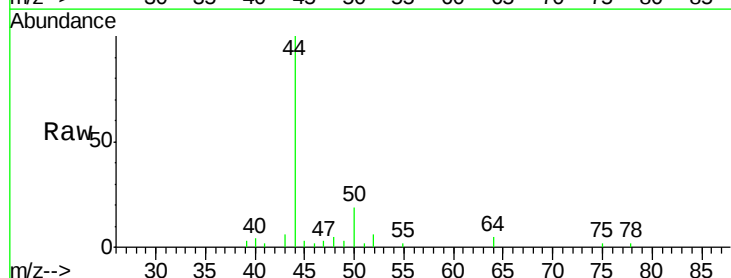
Acq: 21 Apr 2018 05:50

Tgt Ion: 50 Resp: 679

Ion Ratio Lower Upper

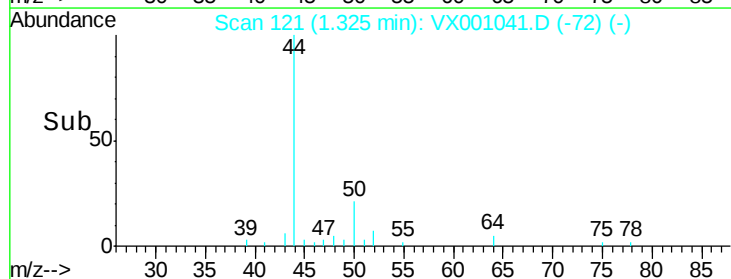
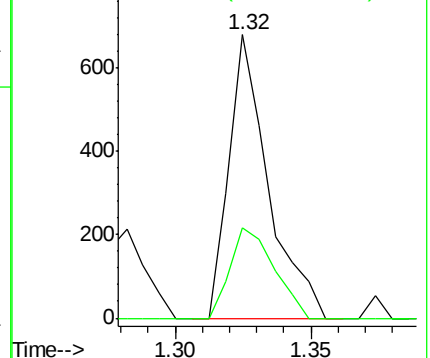
50 100

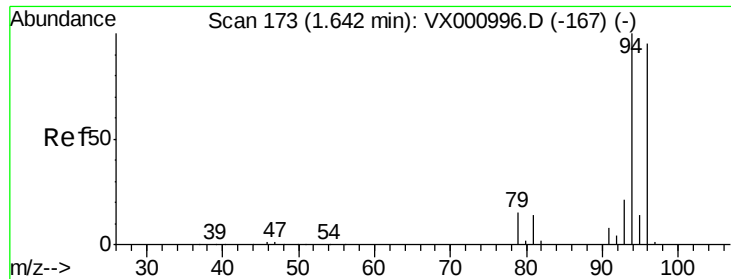
52 32.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX001041.D

Acq: 21 Apr 2018 05:50

Instrument :

MSVOA_X

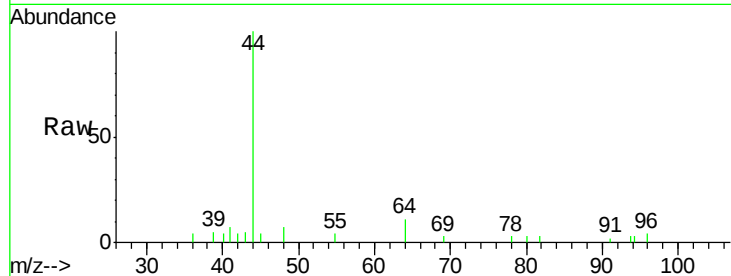
ClientSampleId :

Tot Ion: 94 Resp: 92

Ion Ratio Lower Upper

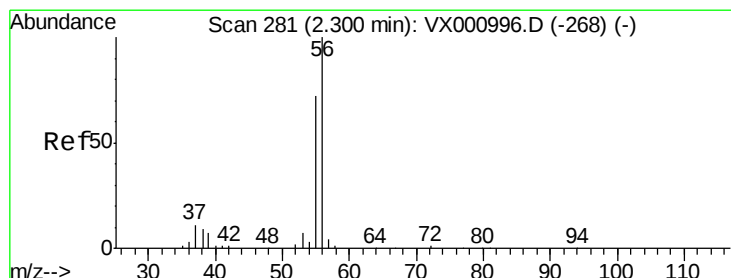
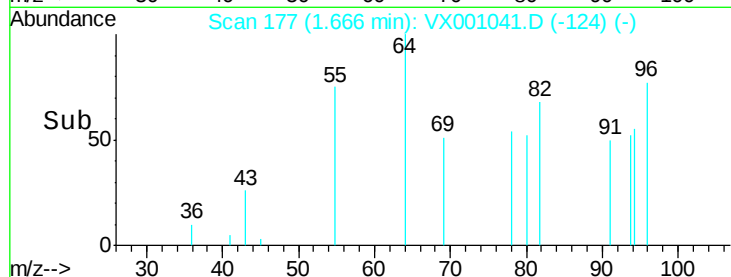
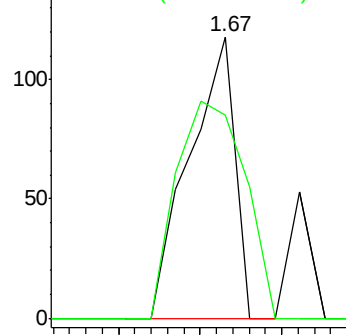
94 100

96 72.0 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: 11.25 ug/l

RT: 2.33 min Scan# 286

Delta R.T. 0.03 min

Lab File: VX001041.D

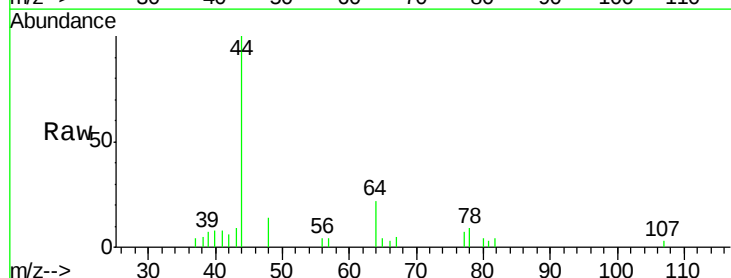
Acq: 21 Apr 2018 05:50

Tgt Ion: 56 Resp: 46

Ion Ratio Lower Upper

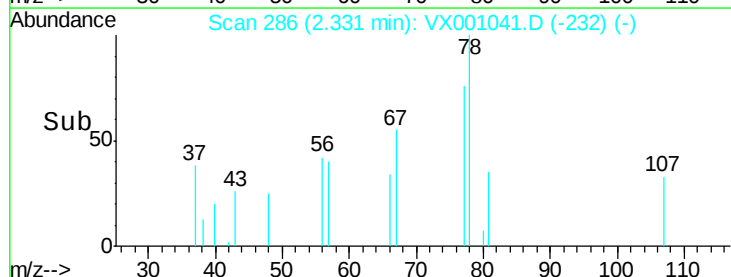
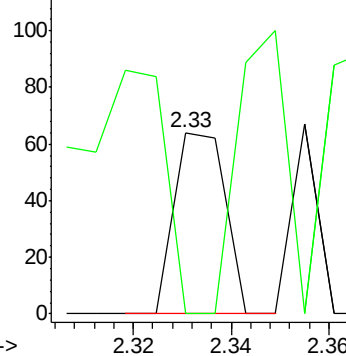
56 100

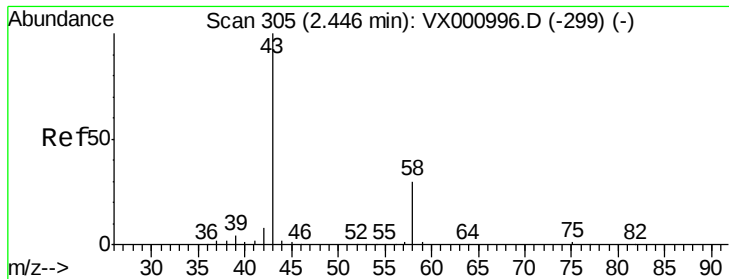
55 228.3 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.69 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001041.D

Acq: 21 Apr 2018 05:50

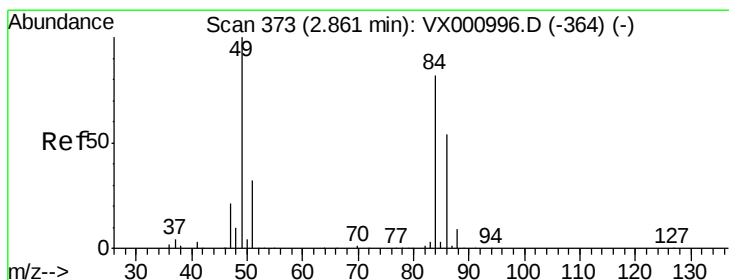
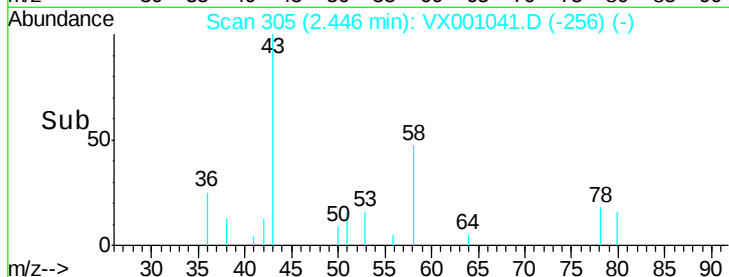
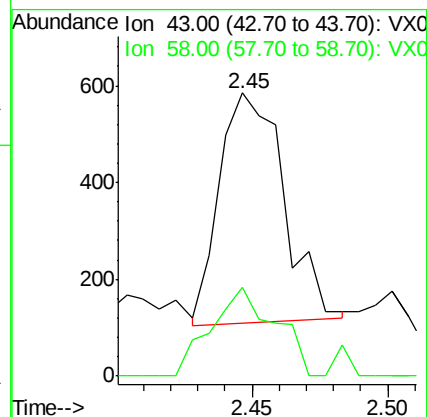
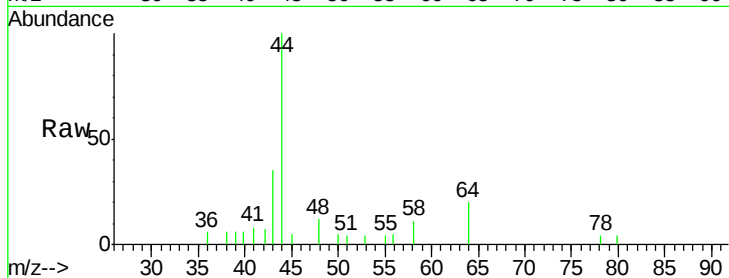
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 777

Ion Ratio Lower Upper

43 100

58 25.4 23.7 35.5



#20

Methylene Chloride

Concen: Below Cal

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX001041.D

Acq: 21 Apr 2018 05:50

Tgt Ion: 84 Resp: 19

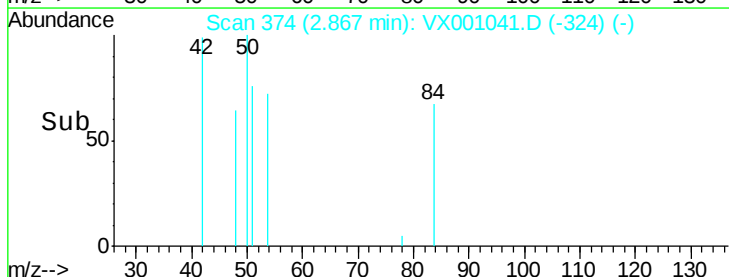
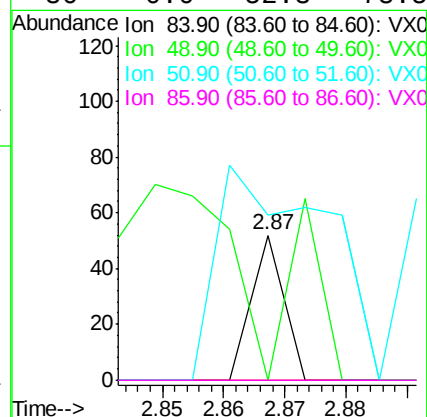
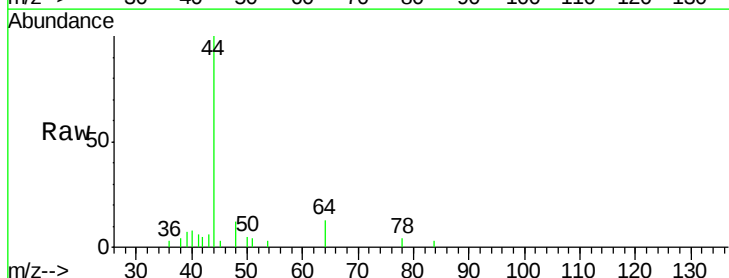
Ion Ratio Lower Upper

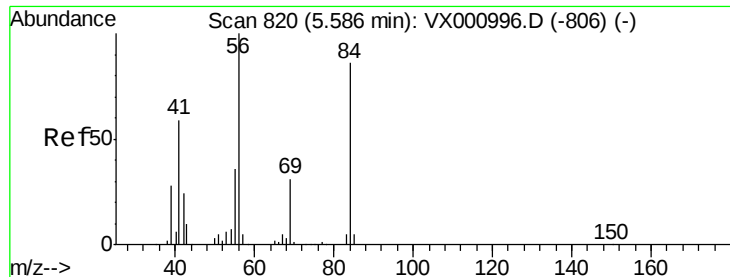
84 100

49 0.0 97.1 145.7#

51 113.5 30.8 46.2#

86 0.0 52.3 78.5#

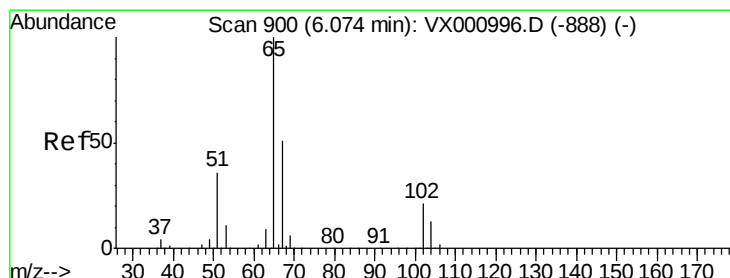
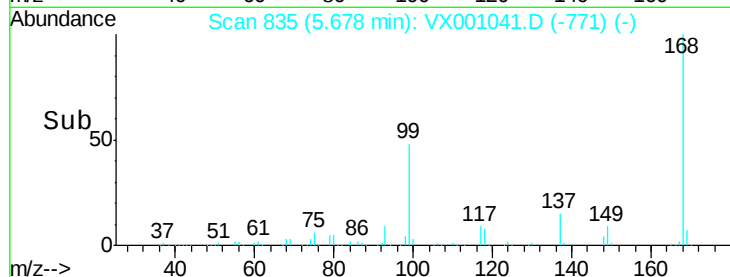
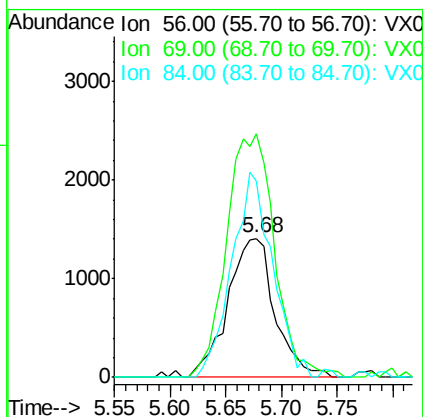
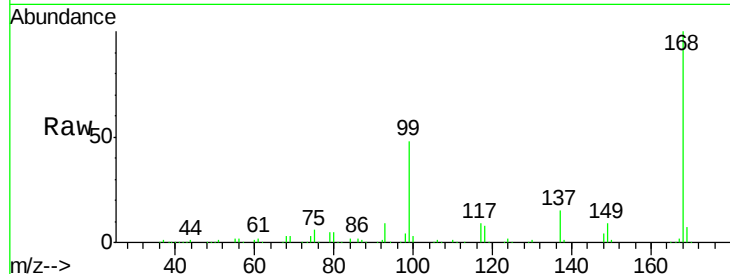




#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.09 min
Lab File: VX001041.D
Acq: 21 Apr 2018 05:50

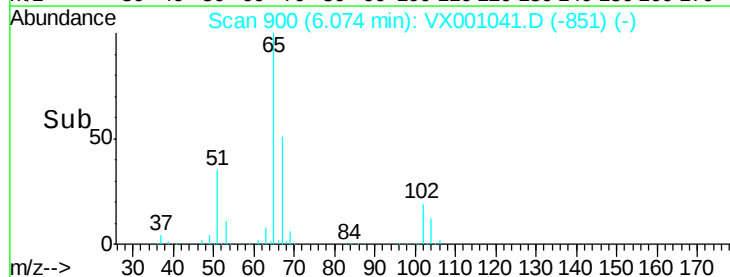
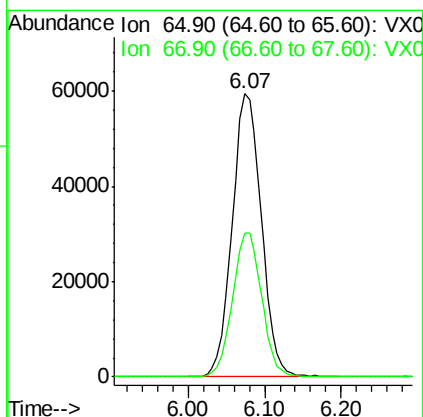
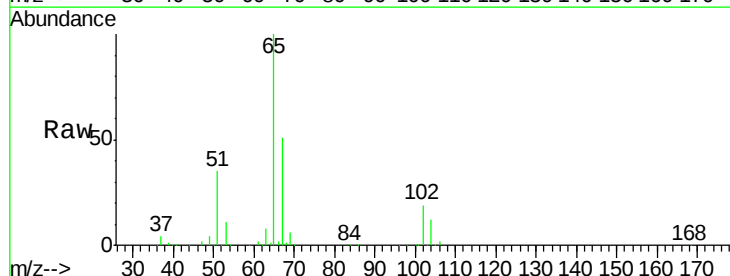
Instrument :
MSVOA_X
ClientSampleId :

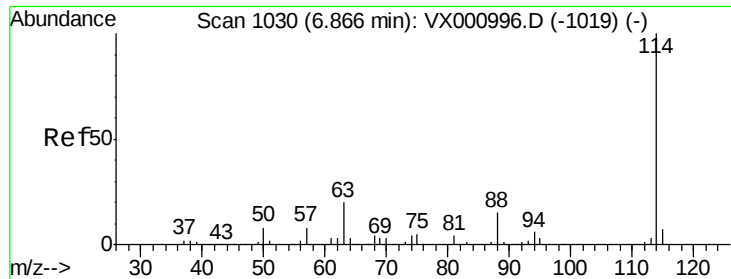
Tot Ion: 56 Resp: 4146
Ion Ratio Lower Upper
56 100
69 175.0 24.6 36.8#
84 141.4 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 52.37 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001041.D
Acq: 21 Apr 2018 05:50

Tgt Ion: 65 Resp: 157286
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.6

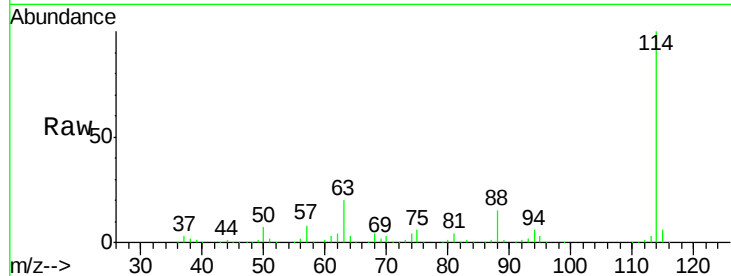




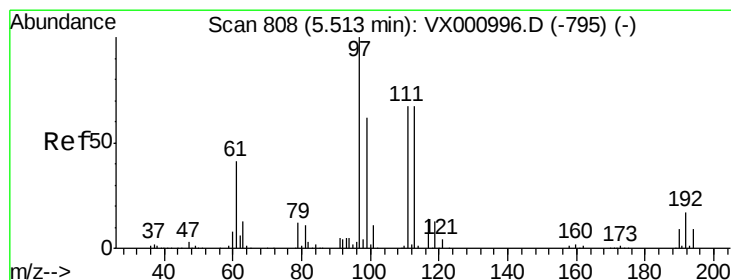
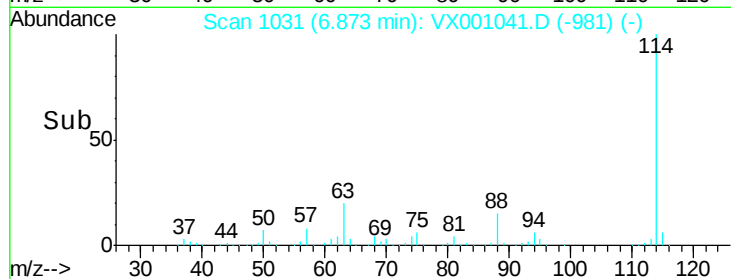
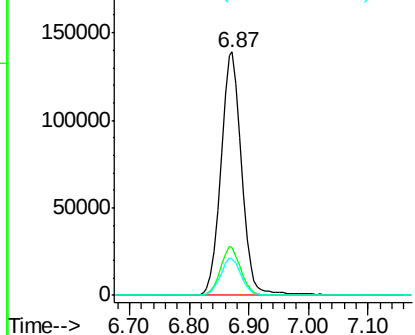
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001041.D
 Acq: 21 Apr 2018 05:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 335600
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 14.9 0.0 29.8

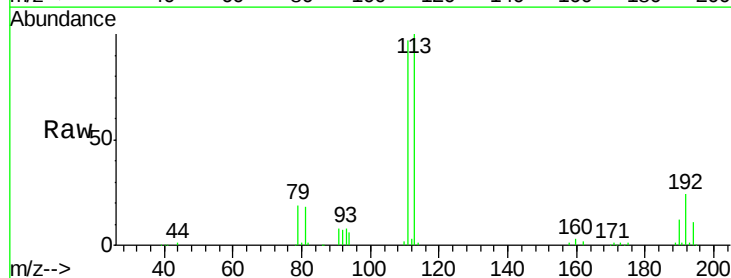


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

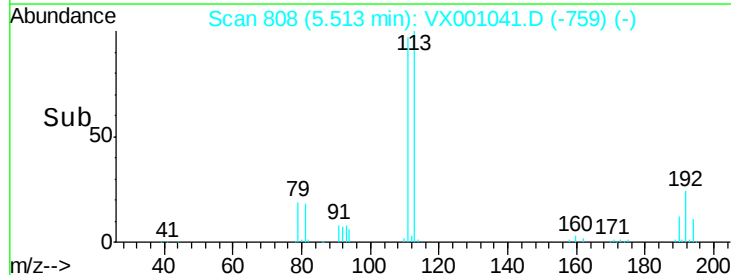
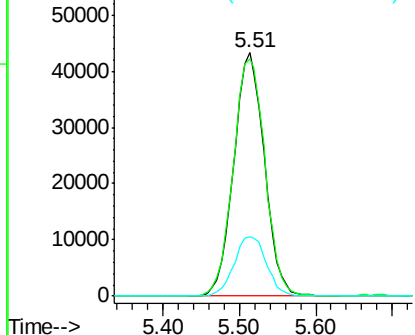


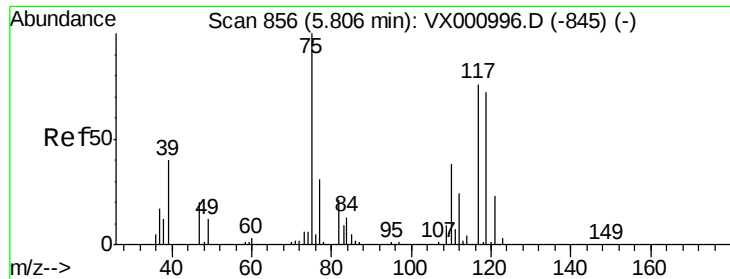
#35
 Dibromofluoromethane
 Concen: 46.98 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001041.D
 Acq: 21 Apr 2018 05:50

Tgt Ion:113 Resp: 120229
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.2
 192 25.8 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

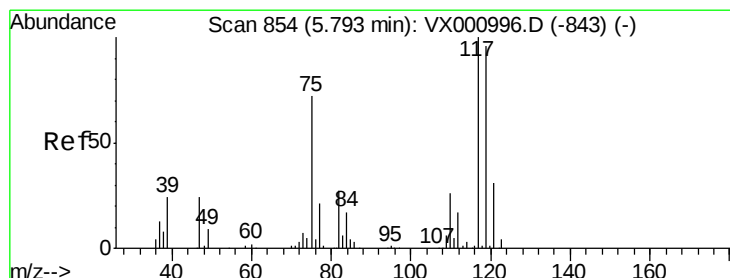
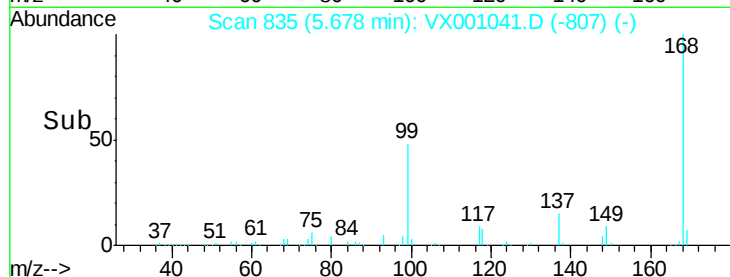
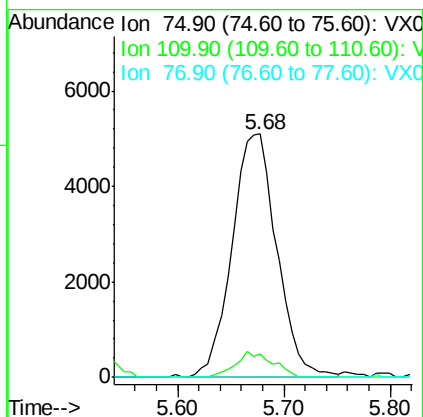
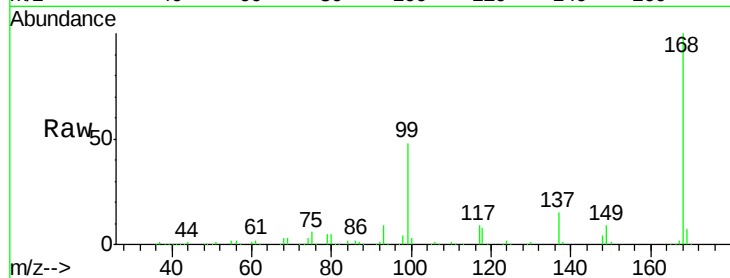




#36
 1,1-Dichloropropene
 Concen: 3.82 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX001041.D
 Acq: 21 Apr 2018 05:50

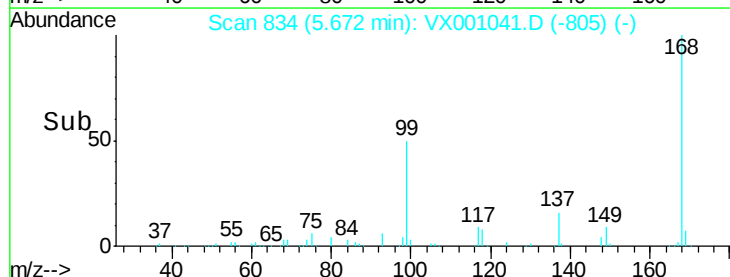
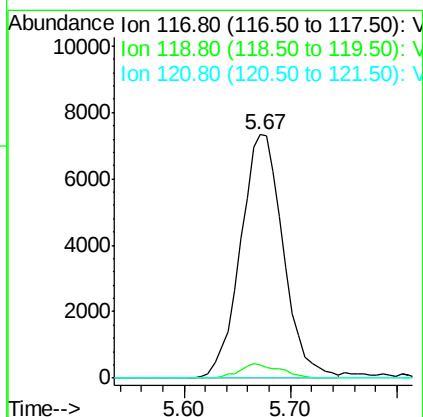
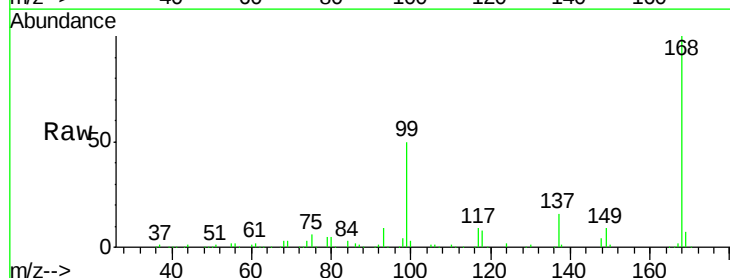
Instrument :
 MSVOA_X
 ClientSampleId :

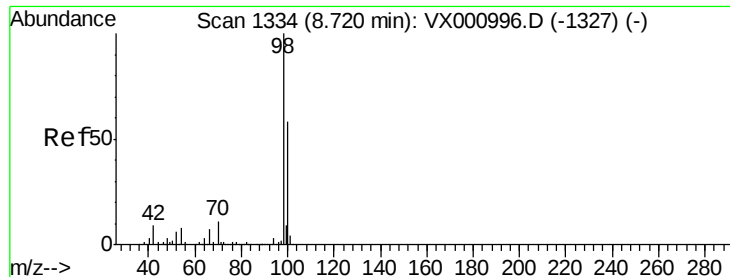
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.7	56.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.15 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001041.D
 Acq: 21 Apr 2018 05:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.5	114.7#
121	0.0	24.5	36.7#





#50

Toluene-d8

Concen: 50.22 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001041.D

Acq: 21 Apr 2018 05:50

Instrument :

MSVOA_X

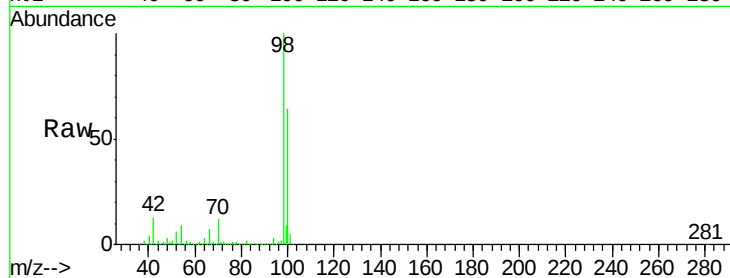
ClientSampleId :

Tot Ion: 98 Resp: 475177

Ion Ratio Lower Upper

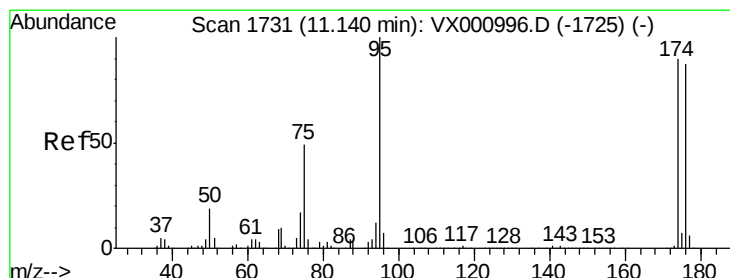
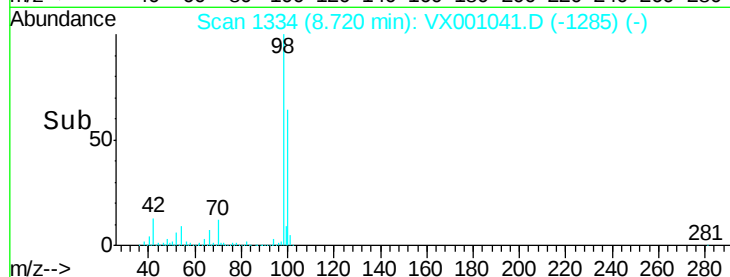
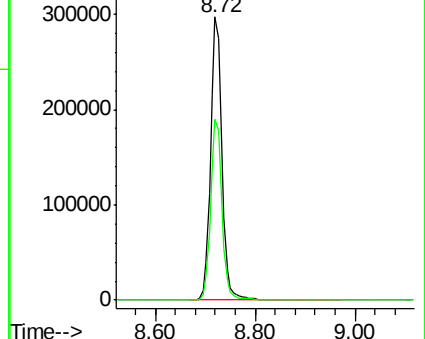
98 100

100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001041.D

Acq: 21 Apr 2018 05:50

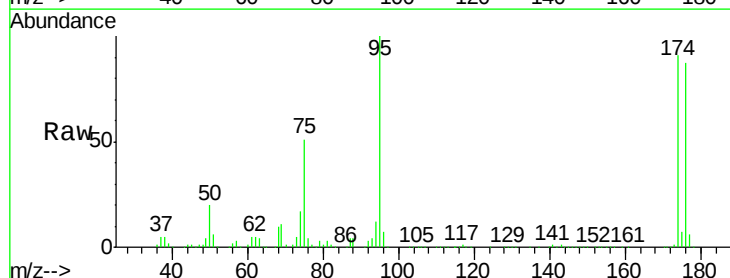
Tgt Ion: 95 Resp: 183590

Ion Ratio Lower Upper

95 100

174 98.2 0.0 198.4

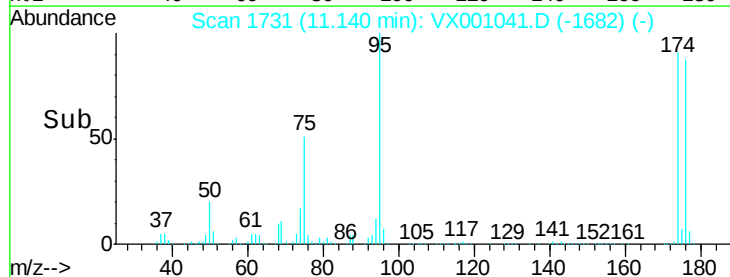
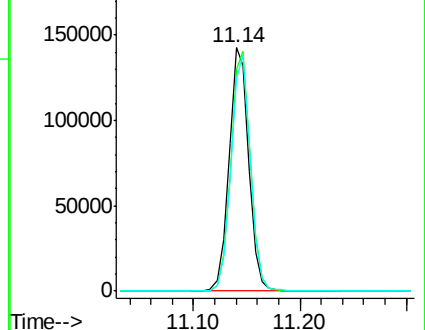
176 95.9 0.0 192.0

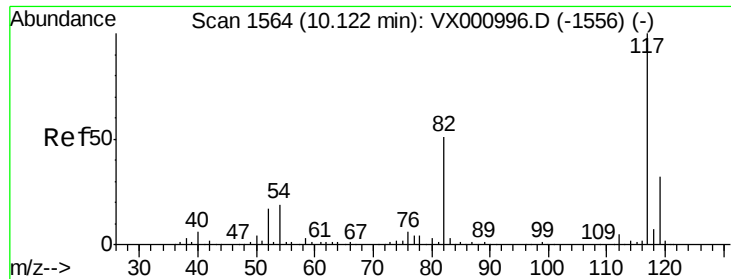


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

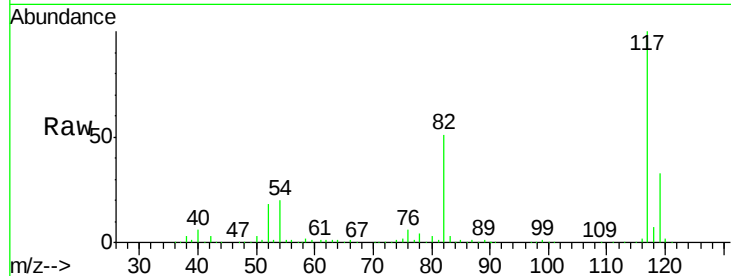




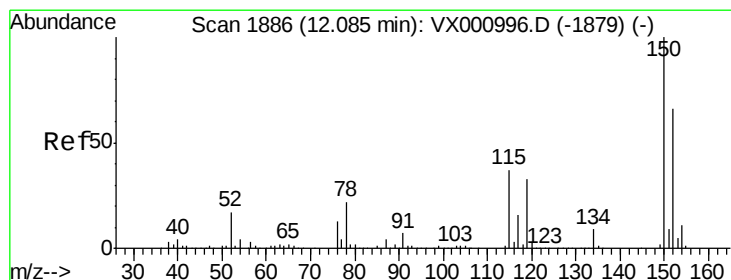
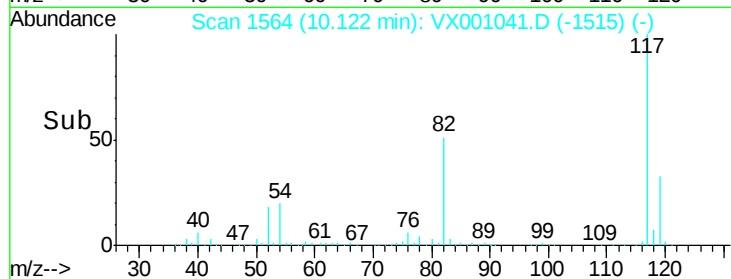
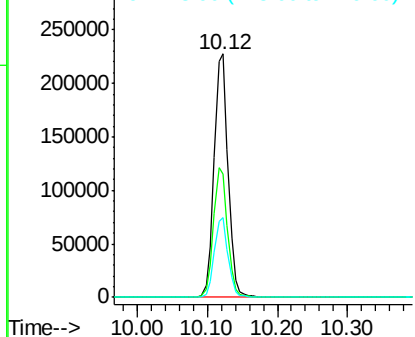
#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VX001041.D
 Acq: 21 Apr 2018 05:50

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:117 Resp: 316842
 Ion Ratio Lower Upper
 117 100
 82 50.6 40.6 60.8
 119 32.5 26.0 39.0

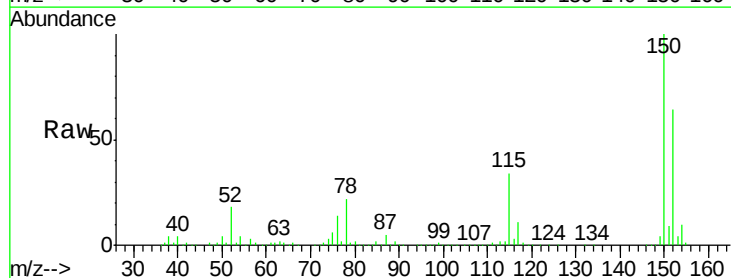


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX
 Ion 118.90 (118.60 to 119.60): V

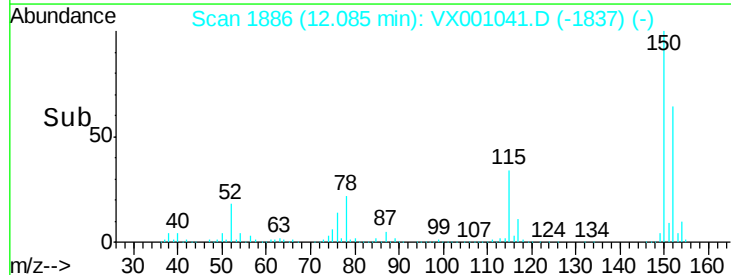
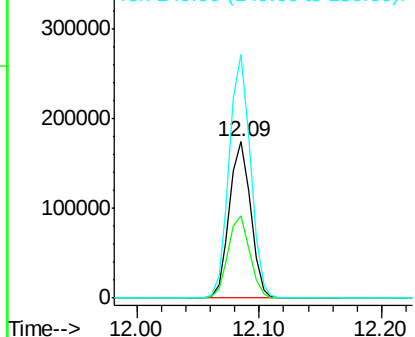


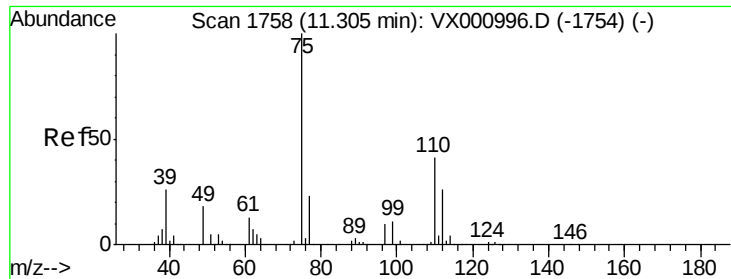
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001041.D
 Acq: 21 Apr 2018 05:50

Tgt Ion:152 Resp: 209661
 Ion Ratio Lower Upper
 152 100
 115 53.3 38.2 114.6
 150 155.3 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: 25.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001041.D

Acq: 21 Apr 2018 05:50

Instrument :

MSVOA_X

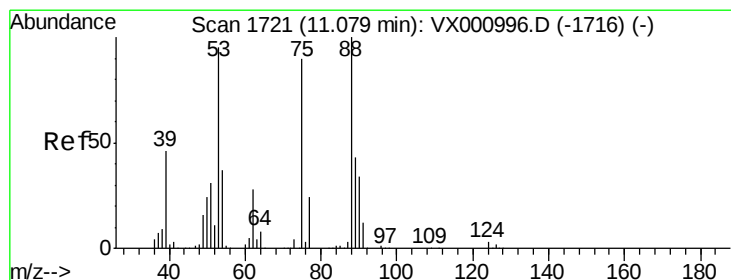
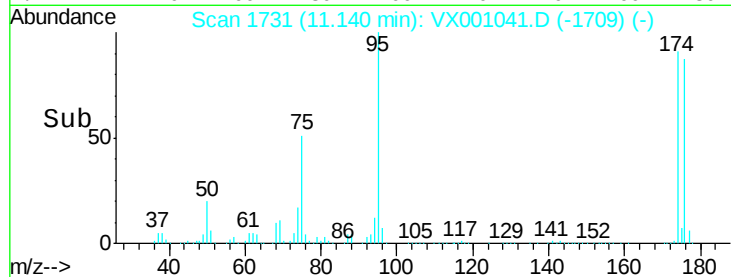
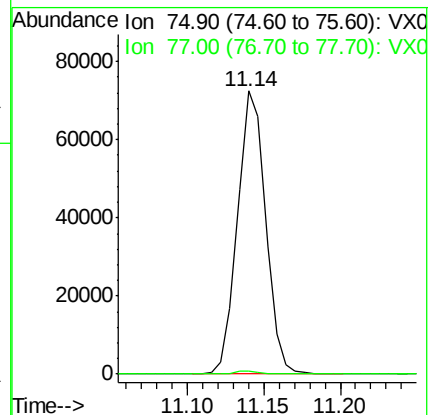
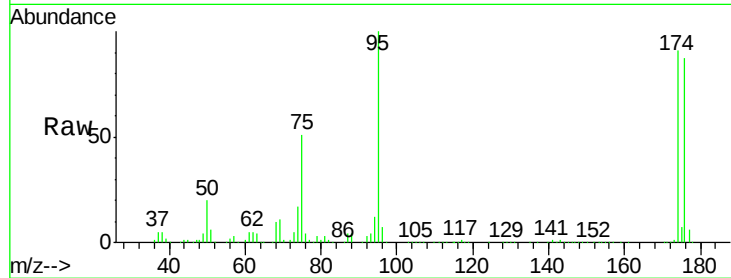
ClientSampleId :

Tot Ion: 75 Resp: 92554

Ion Ratio Lower Upper

75 100

77 1.1 19.6 58.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001041.D

Acq: 21 Apr 2018 05:50

Tgt Ion: 75 Resp: 92554

Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 39.7 59.5#

