

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007448.D
 Acq On : 08 Feb 2019 17:56
 Operator : JC/SP
 Sample : K1445-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 23:05:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	501671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	785977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	745945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	362439	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	275219	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
35) Dibromofluoromethane	5.51	113	252302	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	946556	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	339443	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	

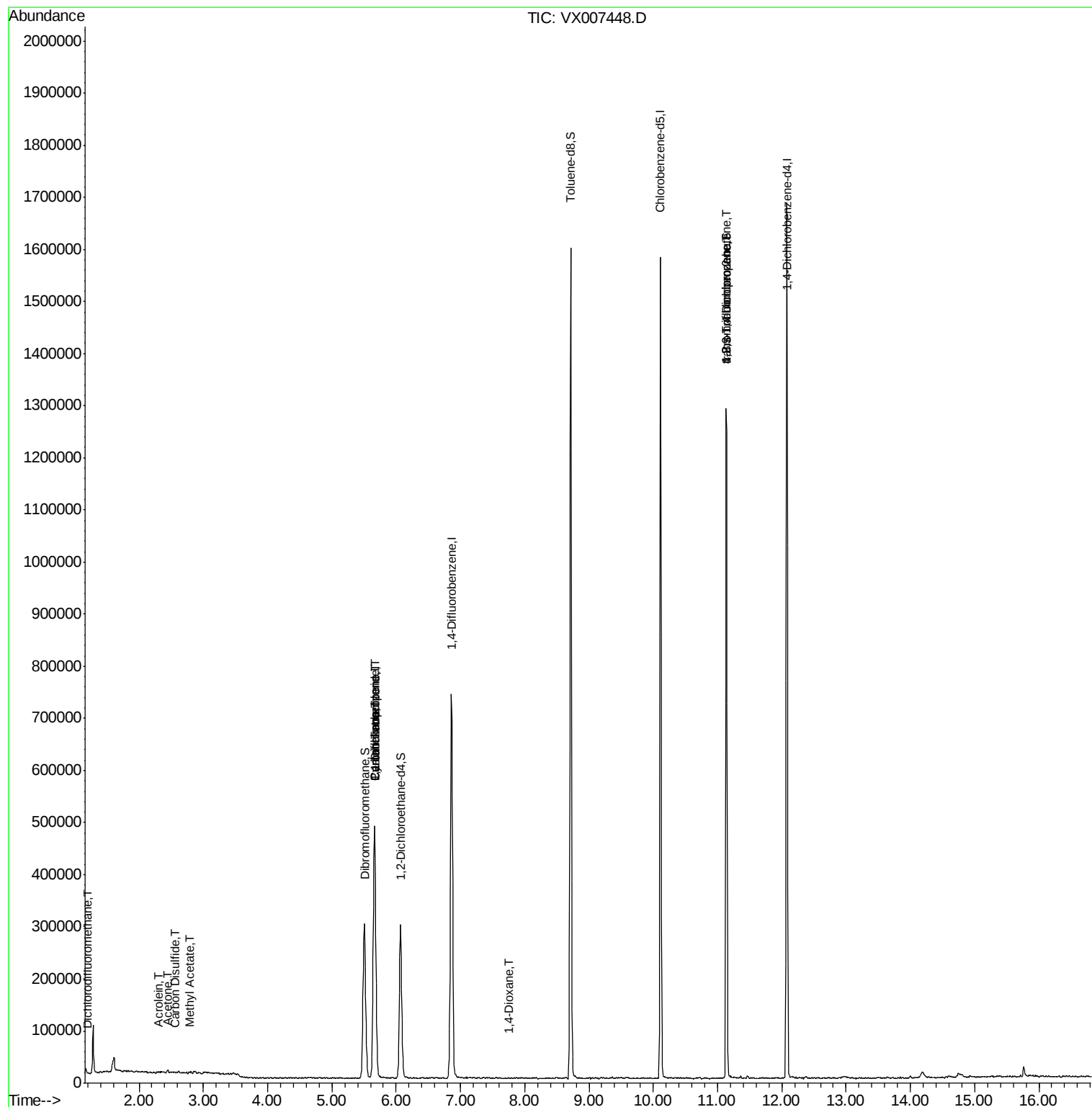
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	171	0.205	ug/l #	1
5) Bromomethane	1.65	94	469	Below Cal		89
13) Acrolein	2.30	56	223	0.432	ug/l #	1
16) Acetone	2.45	43	5233	2.145	ug/l #	85
17) Carbon Disulfide	2.57	76	1786	2.258	ug/l #	84
18) Methyl Acetate	2.79	43	1438	0.817	ug/l #	86
31) Cyclohexane	5.67	56	9675	1.307	ug/l #	11
36) 1,1-Dichloropropene	5.66	75	32688	4.635	ug/l #	49
38) Carbon Tetrachloride	5.66	117	46377	6.779	ug/l #	16
49) 1,4-Dioxane	7.74	88	65	7.395	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	160886	22.821	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	160886	68.801	ug/l #	9

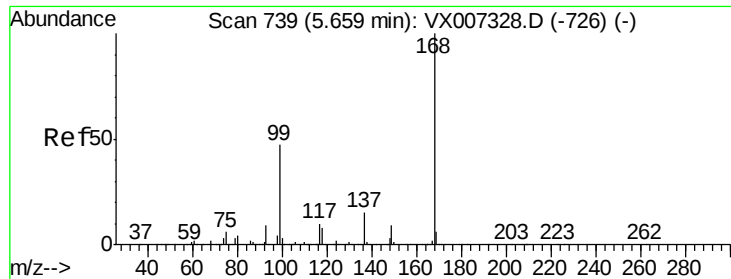
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007448.D

Acq: 08 Feb 2019 17:56

Instrument :

MSVOA_X

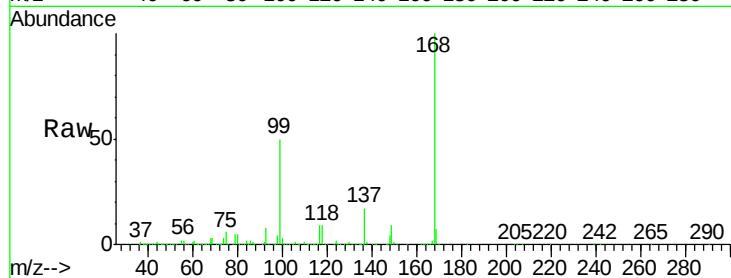
ClientSampleId :

Tot Ion:168 Resp: 501671

Ion Ratio Lower Upper

168 100

99 49.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

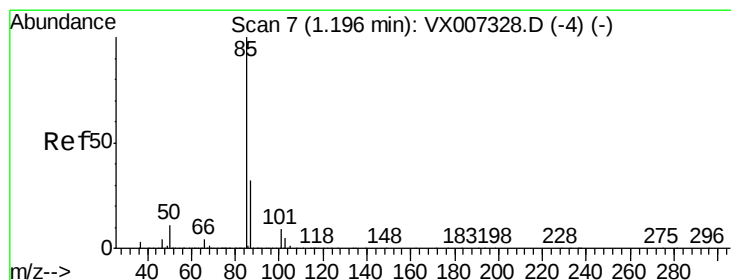
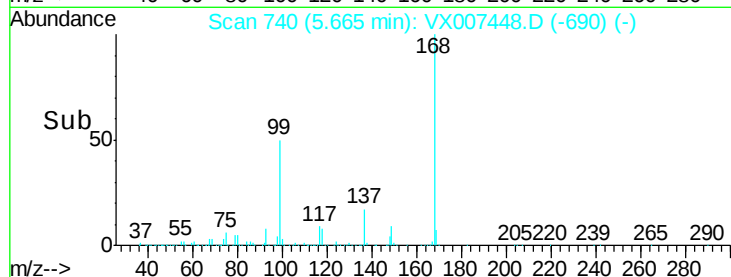
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.205 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007448.D

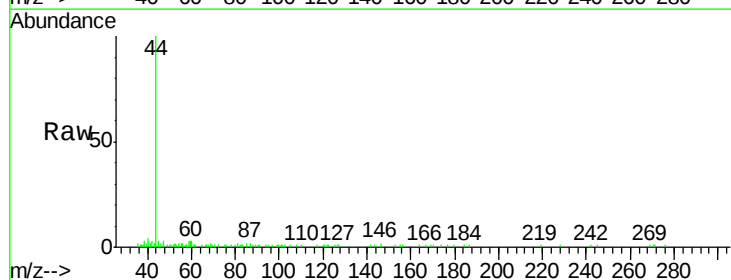
Acq: 08 Feb 2019 17:56

Tgt Ion: 85 Resp: 171

Ion Ratio Lower Upper

85 100

87 89.8 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200

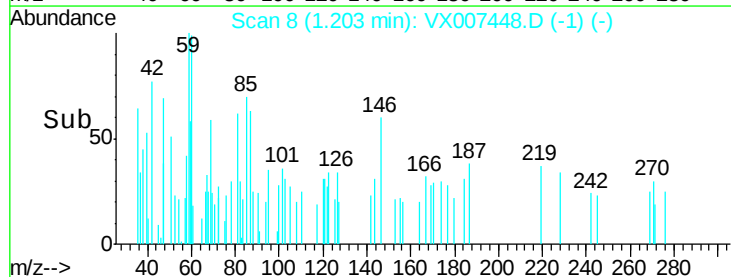
150

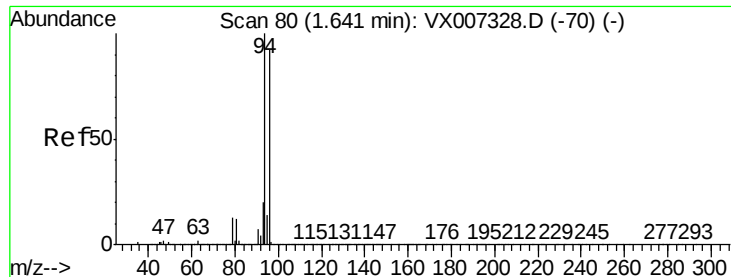
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007448.D

Acq: 08 Feb 2019 17:56

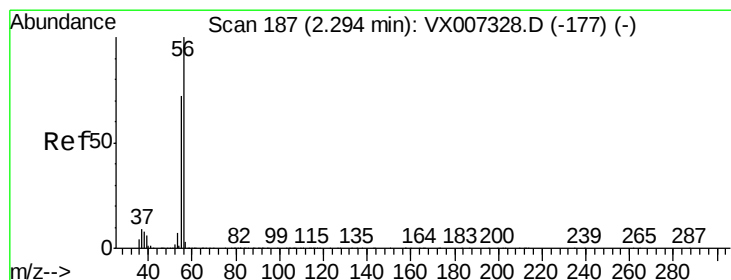
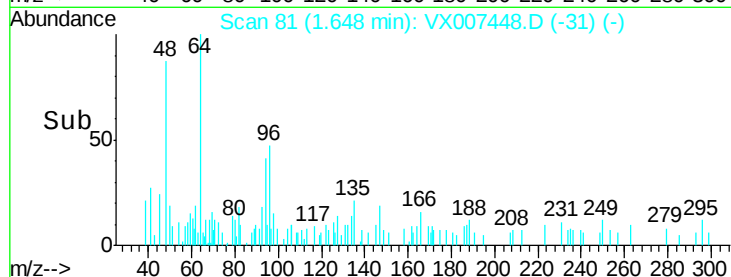
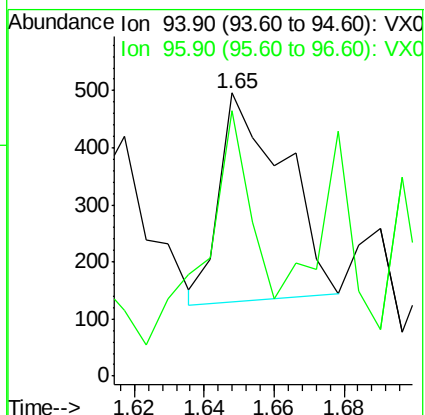
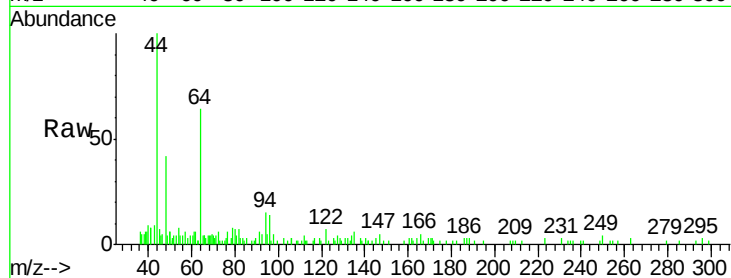
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 469

Ion Ratio Lower Upper

94 100

96 81.8 73.9 110.9



#13

Acrolein

Concen: 0.432 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007448.D

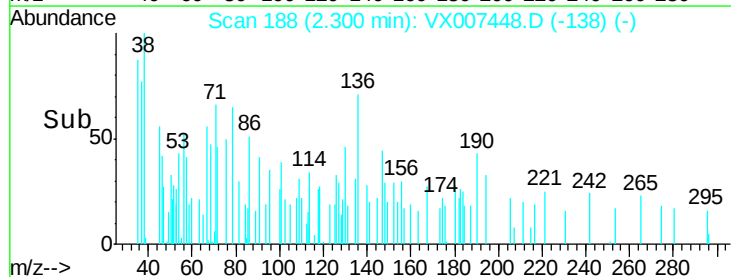
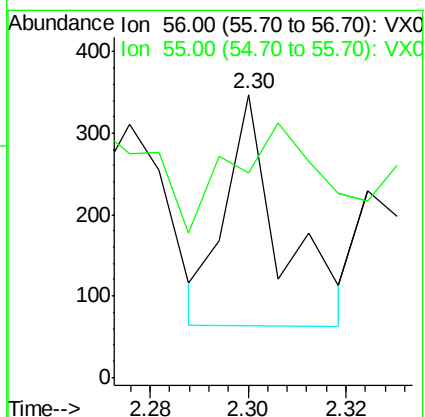
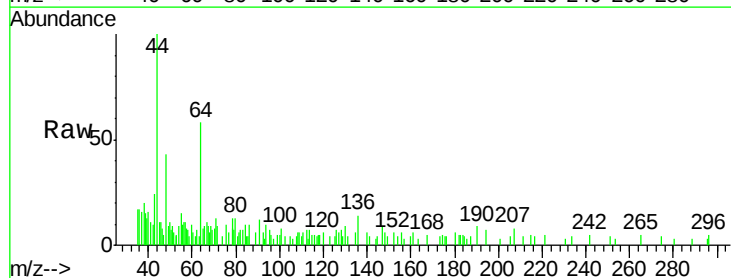
Acq: 08 Feb 2019 17:56

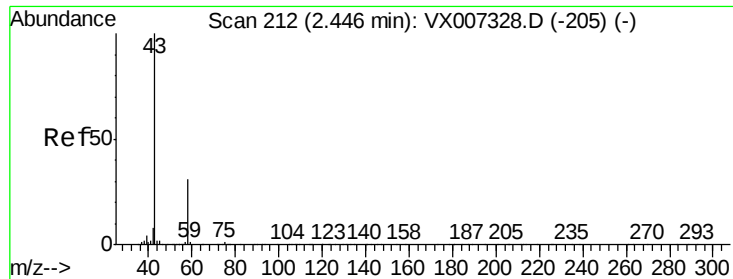
Tgt Ion: 56 Resp: 223

Ion Ratio Lower Upper

56 100

55 162.3 56.9 85.3#

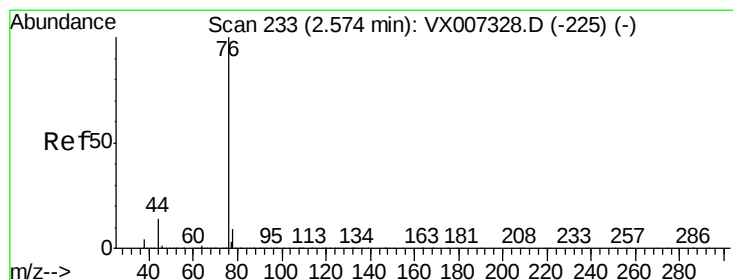
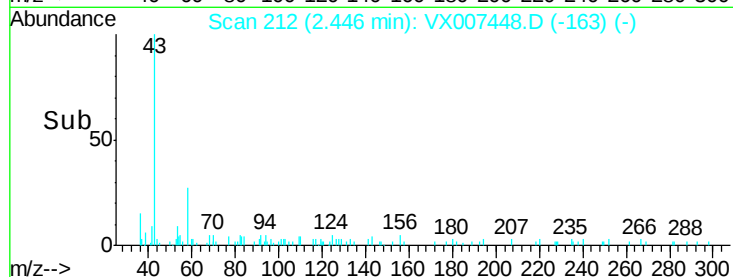
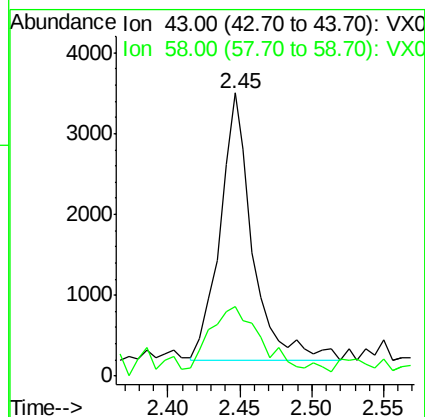
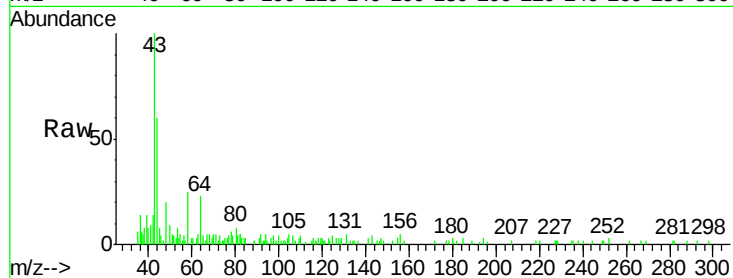




#16
Acetone
Concen: 2.145 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007448.D
Acq: 08 Feb 2019 17:56

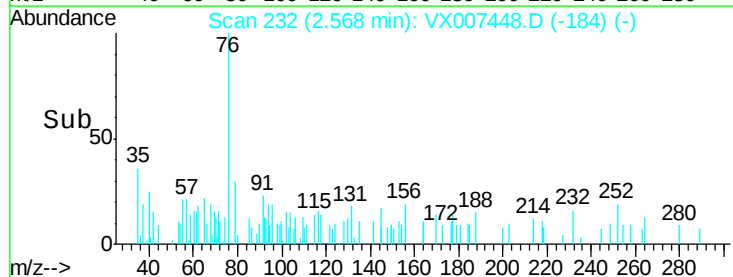
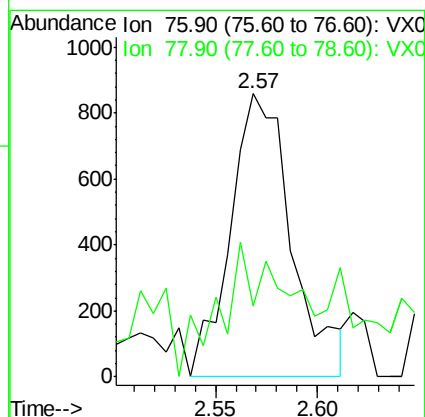
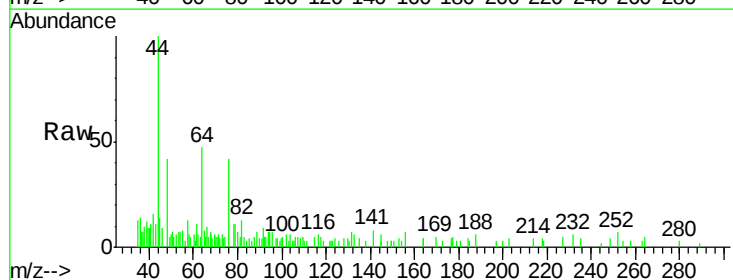
Instrument :
MSVOA_X
ClientSampleId :

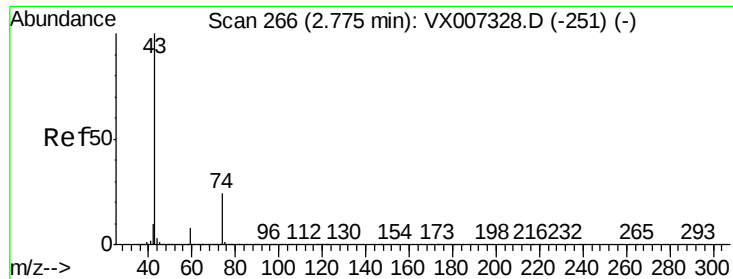
Tot Ion: 43 Resp: 5233
Ion Ratio Lower Upper
43 100
58 23.0 24.9 37.3#



#17
Carbon Disulfide
Concen: 2.258 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007448.D
Acq: 08 Feb 2019 17:56

Tgt Ion: 76 Resp: 1786
Ion Ratio Lower Upper
76 100
78 3.3 7.1 10.7#

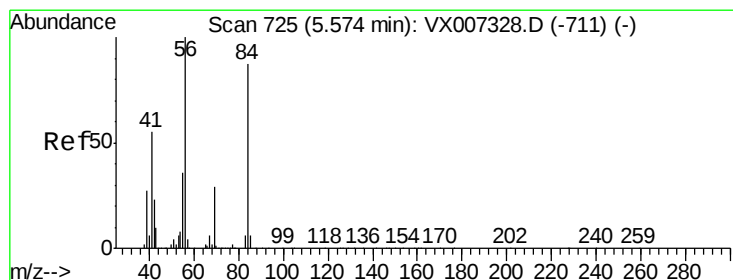
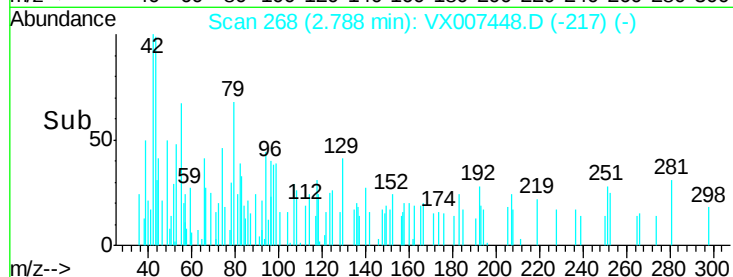
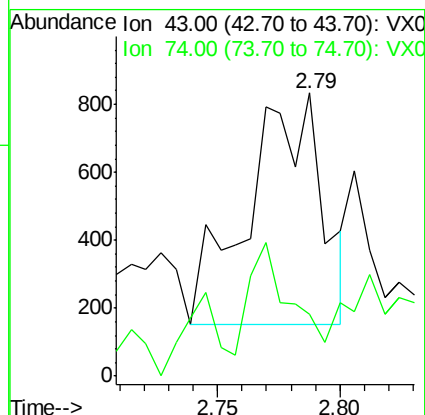
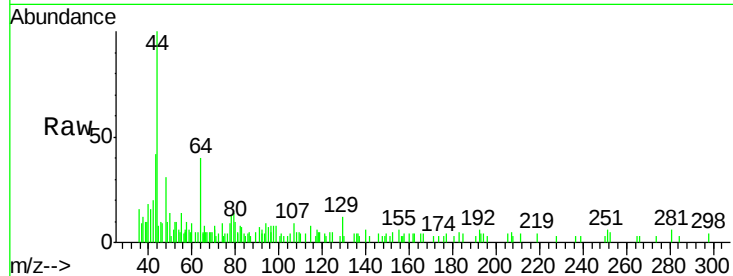




#18
Methyl Acetate
Concen: 0.817 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX007448.D
Acq: 08 Feb 2019 17:56

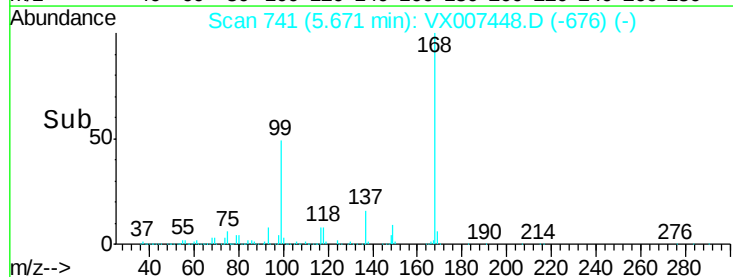
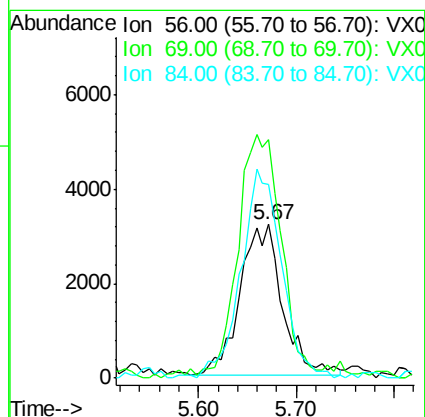
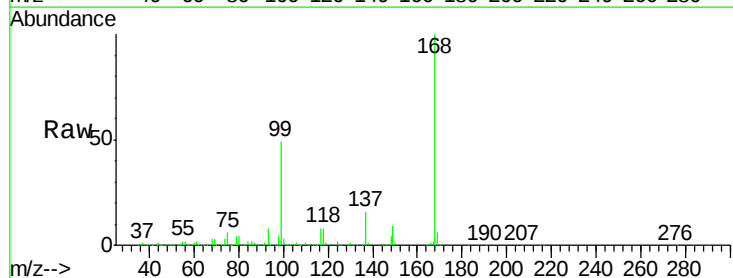
Instrument :
MSVOA_X
ClientSampled :

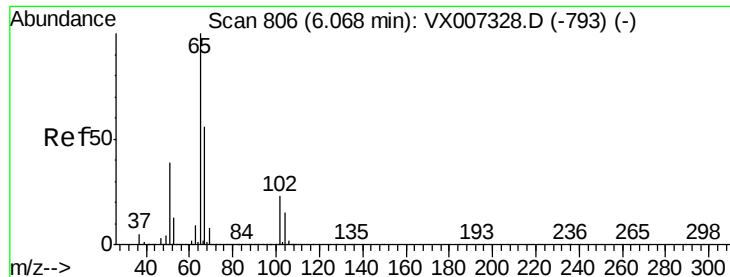
Tot Ion: 43 Resp: 1438
Ion Ratio Lower Upper
43 100
74 31.2 19.4 29.2#



#31
Cyclohexane
Concen: 1.307 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.10 min
Lab File: VX007448.D
Acq: 08 Feb 2019 17:56

Tgt Ion: 56 Resp: 9675
Ion Ratio Lower Upper
56 100
69 151.5 23.0 34.6#
84 126.2 69.8 104.6#





#33

1,2-Dichloroethane-d4

Concen: 51.686 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007448.D

Acq: 08 Feb 2019 17:56

Instrument :

MSVOA_X

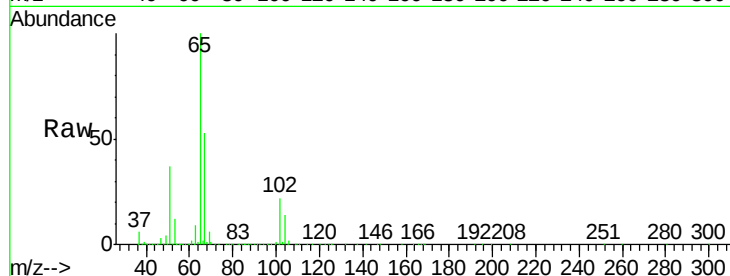
ClientSampleId :

Tot Ion: 65 Resp: 275219

Ion Ratio Lower Upper

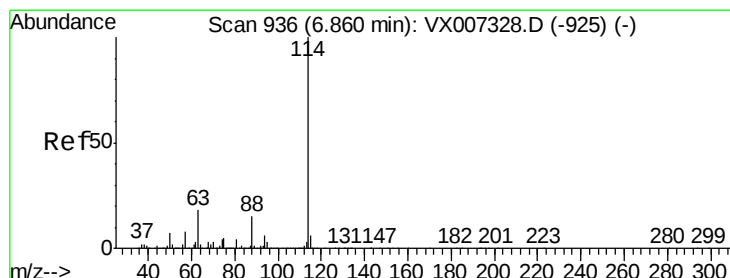
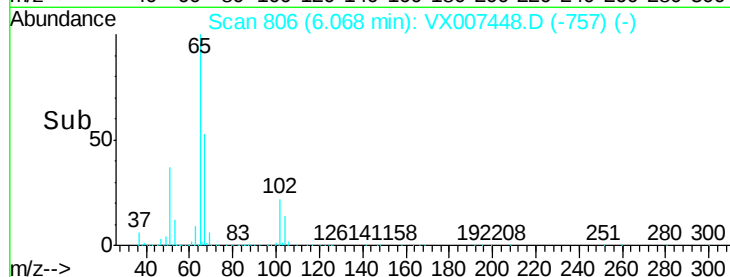
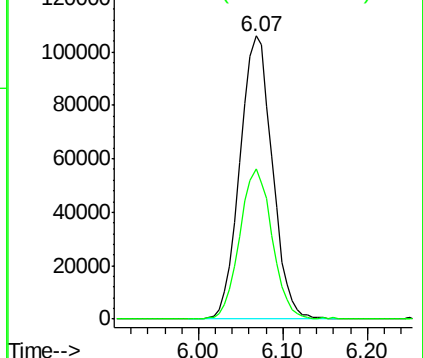
65 100

67 53.2 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007448.D

Acq: 08 Feb 2019 17:56

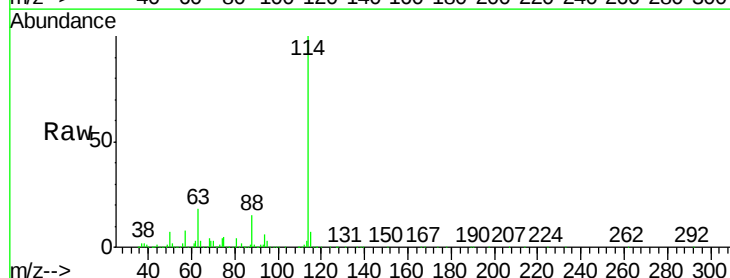
Tgt Ion: 114 Resp: 785977

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

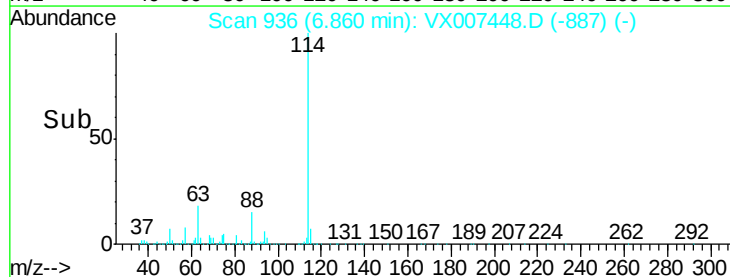
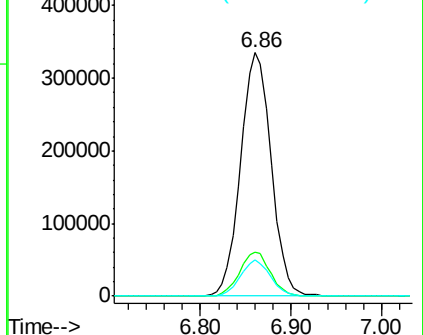
88 14.8 0.0 29.6

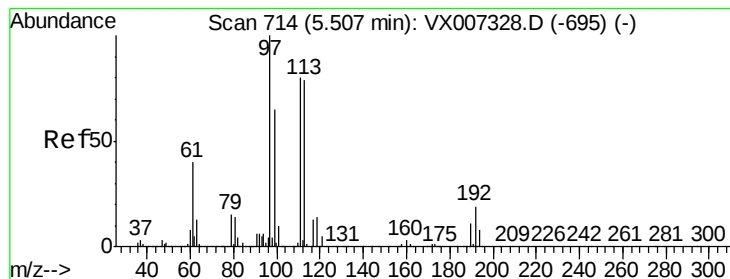


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.335 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007448.D

Acq: 08 Feb 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

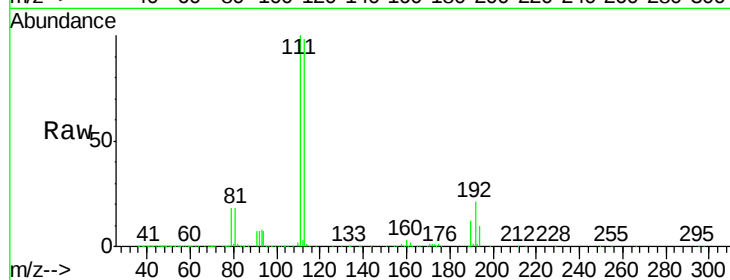
Tot Ion:113 Resp: 252302

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

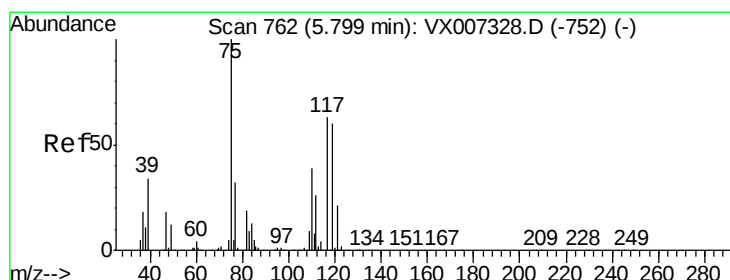
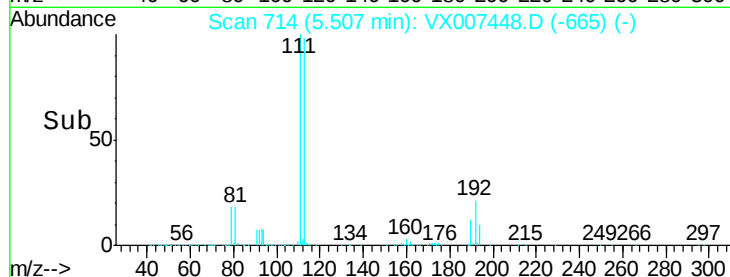
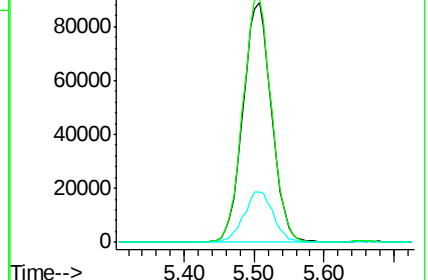
192 21.9 18.5 27.7



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: 4.635 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007448.D

Acq: 08 Feb 2019 17:56

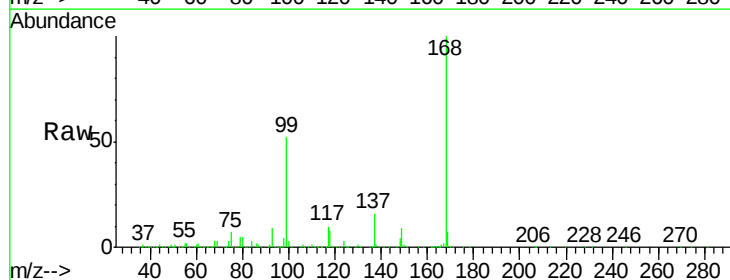
Tgt Ion: 75 Resp: 32688

Ion Ratio Lower Upper

75 100

110 11.0 20.0 59.9#

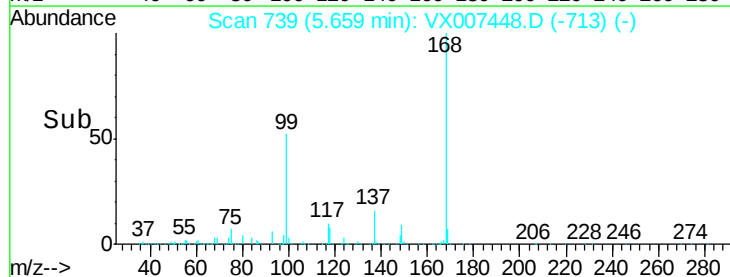
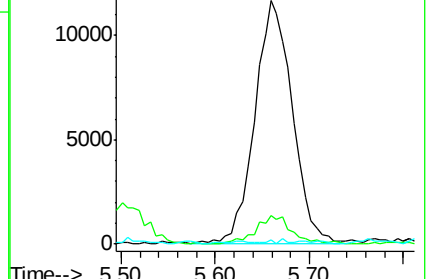
77 0.3 24.7 37.1#

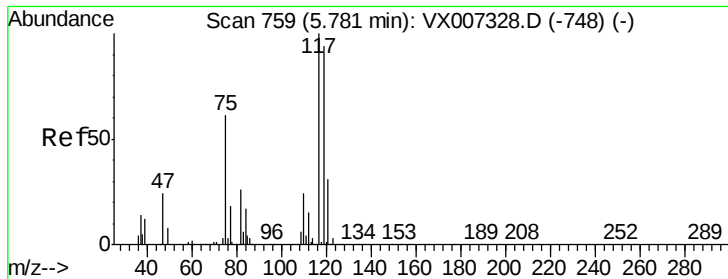


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.779 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007448.D

Acq: 08 Feb 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

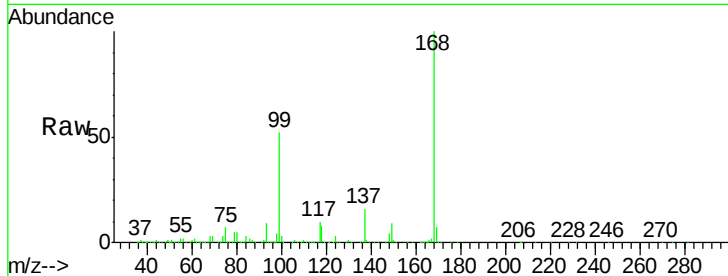
Tot Ion:117 Resp: 46377

Ion Ratio Lower Upper

117 100

119 4.3 75.3 112.9#

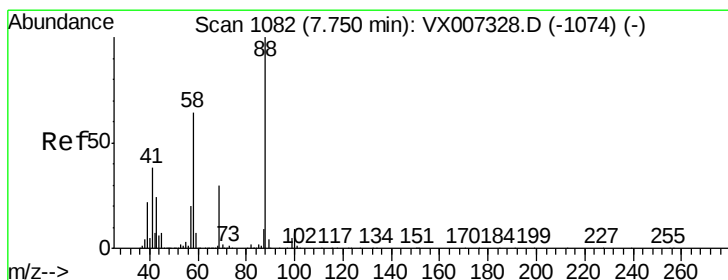
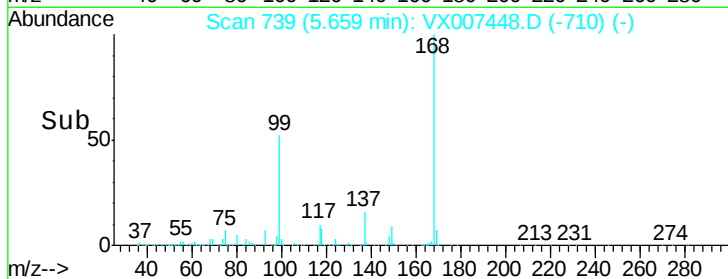
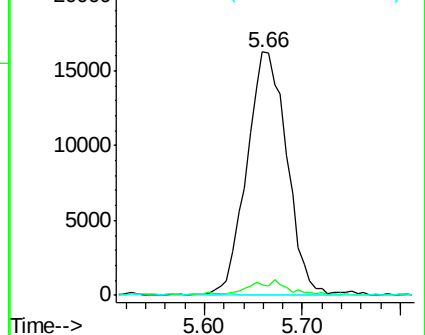
121 0.3 25.0 37.4#



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



#49

1,4-Dioxane

Concen: 7.395 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007448.D

Acq: 08 Feb 2019 17:56

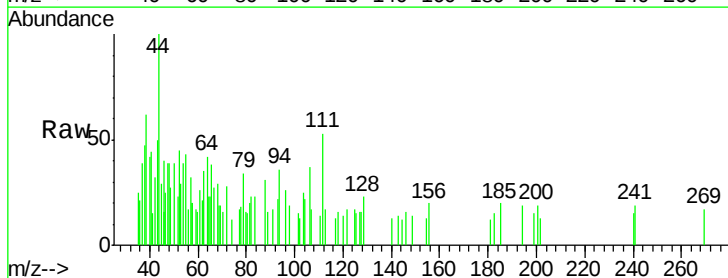
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 963.1 24.2 36.4#

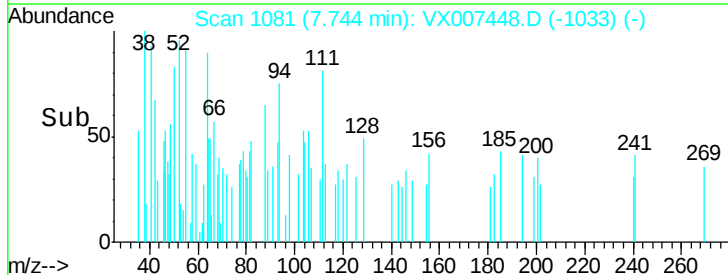
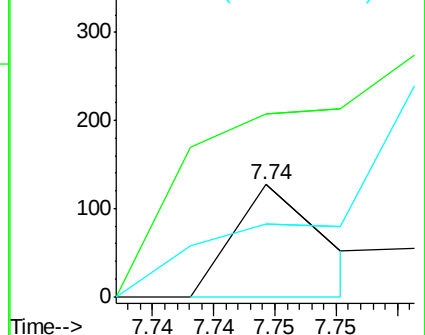
58 0.0 53.0 79.4#

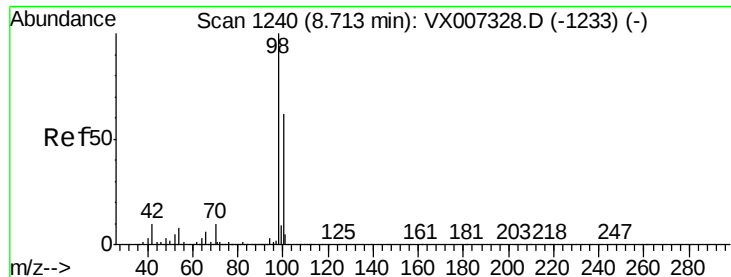


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.887 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007448.D

Acq: 08 Feb 2019 17:56

Instrument :

MSVOA_X

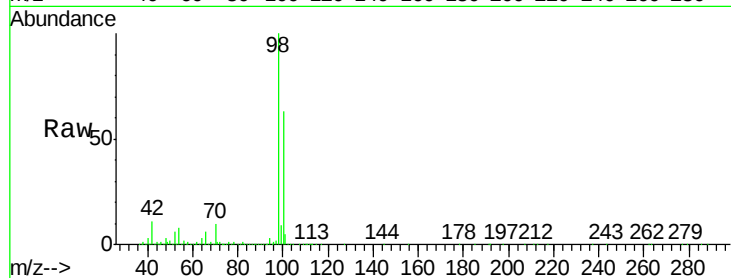
ClientSampleId :

Tot Ion: 98 Resp: 946556

Ion Ratio Lower Upper

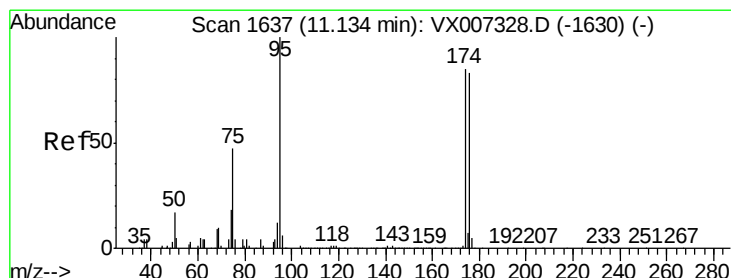
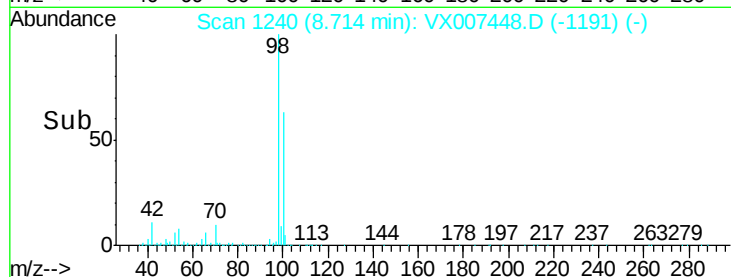
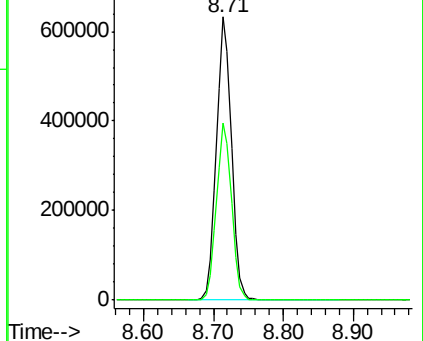
98 100

100 62.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 49.000 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007448.D

Acq: 08 Feb 2019 17:56

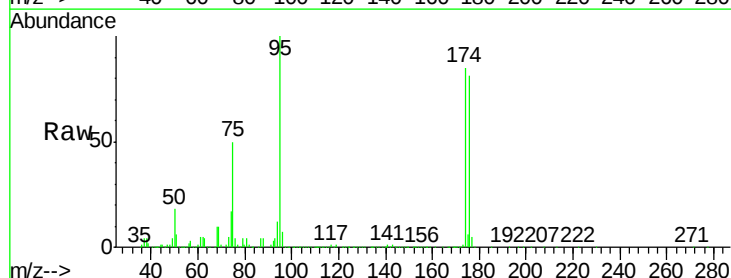
Tgt Ion: 95 Resp: 339443

Ion Ratio Lower Upper

95 100

174 91.0 0.0 189.2

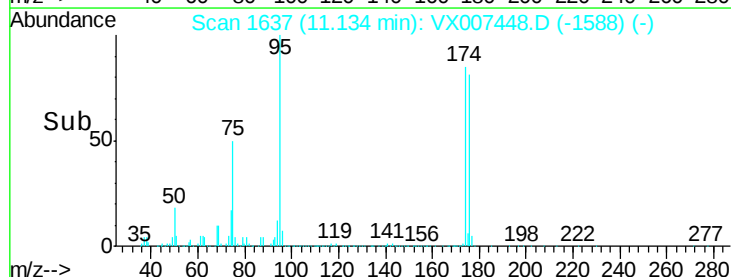
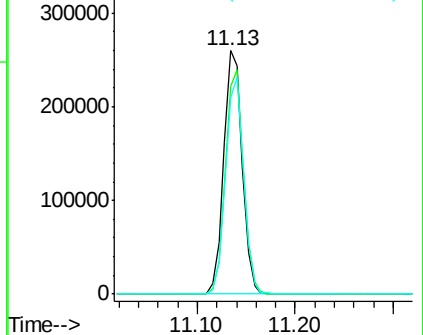
176 87.6 0.0 186.2

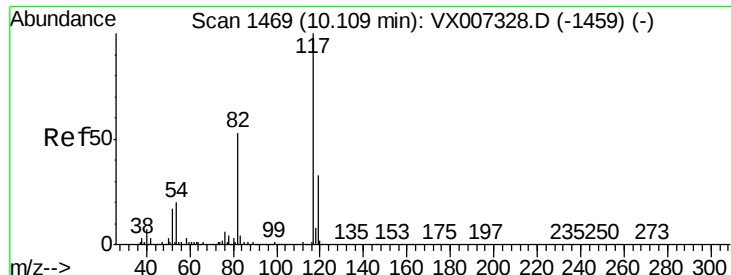


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

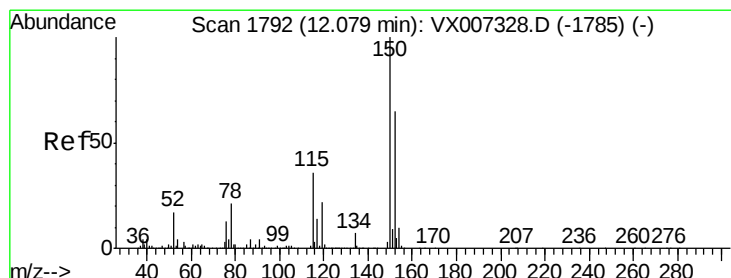
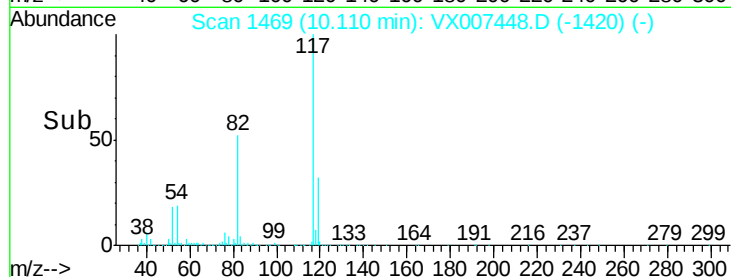
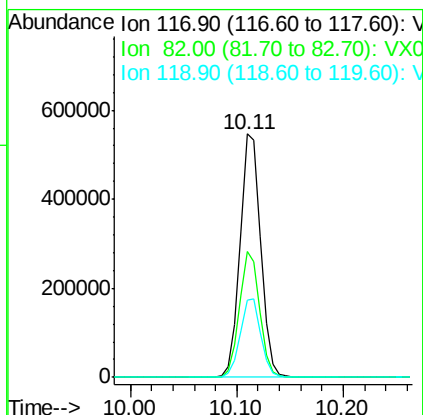
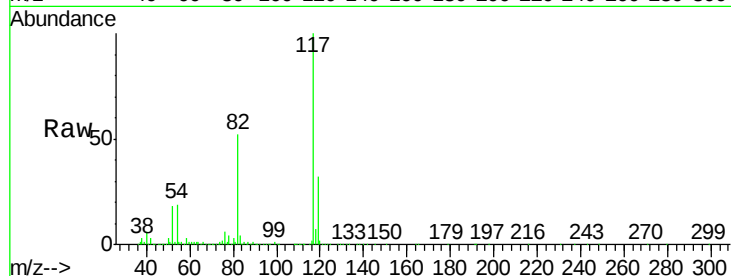




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007448.D
Acq: 08 Feb 2019 17:56

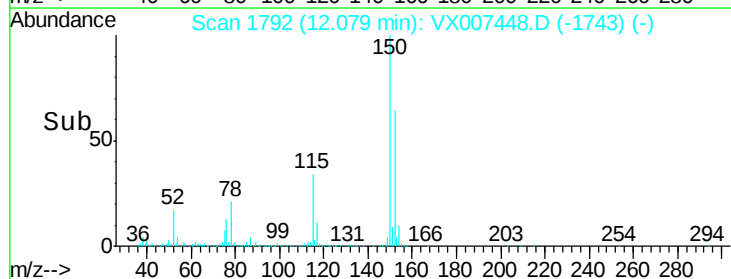
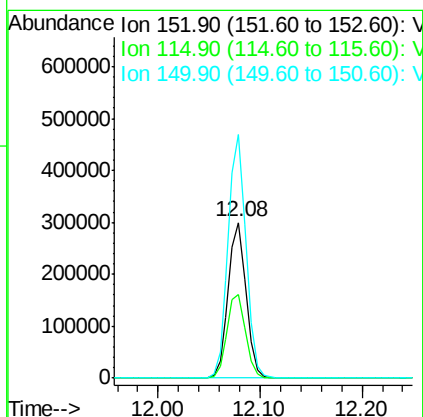
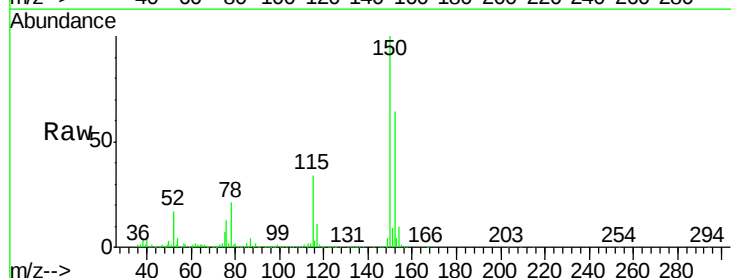
Instrument :
MSVOA_X
ClientSampleId :

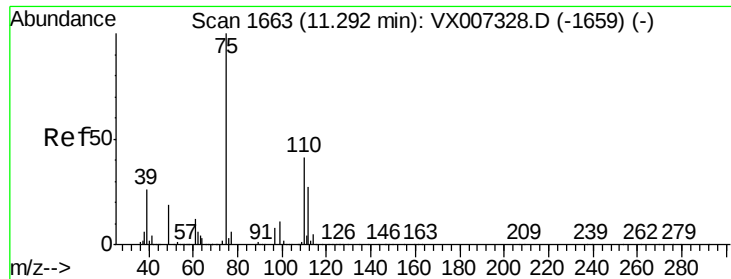
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.1	63.1
119	31.8	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007448.D
Acq: 08 Feb 2019 17:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	38.0	114.0
150	156.6	0.0	346.4

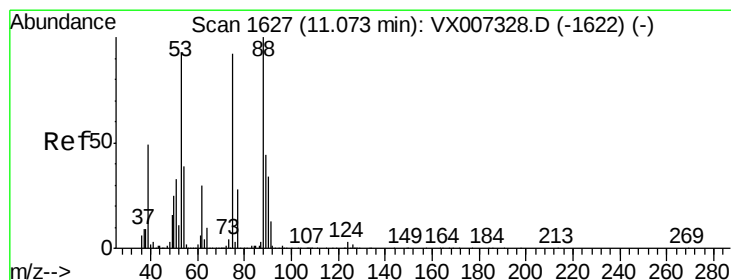
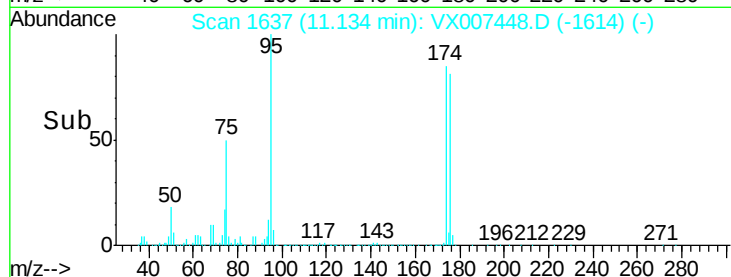
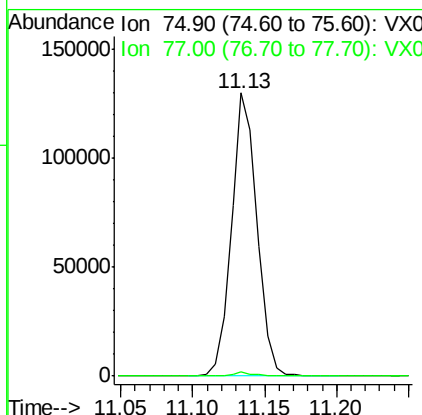
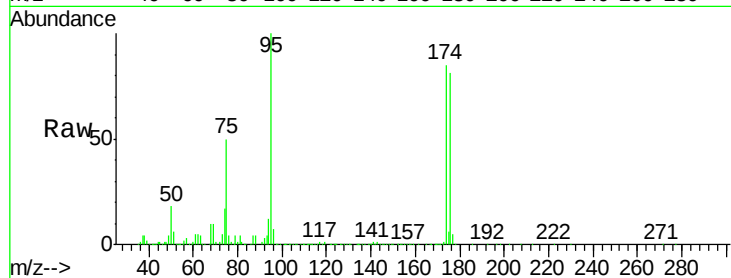




#76
 1,2,3-Trichloropropane
 Concen: 22.821 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007448.D
 Acq: 08 Feb 2019 17:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 160886
 Ion Ratio Lower Upper
 75 100
 77 1.3 23.0 69.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.801 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007448.D
 Acq: 08 Feb 2019 17:56

Tgt Ion: 75 Resp: 160886
 Ion Ratio Lower Upper
 75 100
 53 0.2 81.0 121.6#
 89 0.0 41.4 62.0#

