

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002207.D
 Acq On : 01 Jun 2018 09:08
 Operator : JC/MD
 Sample : J3119-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 01 15:24:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

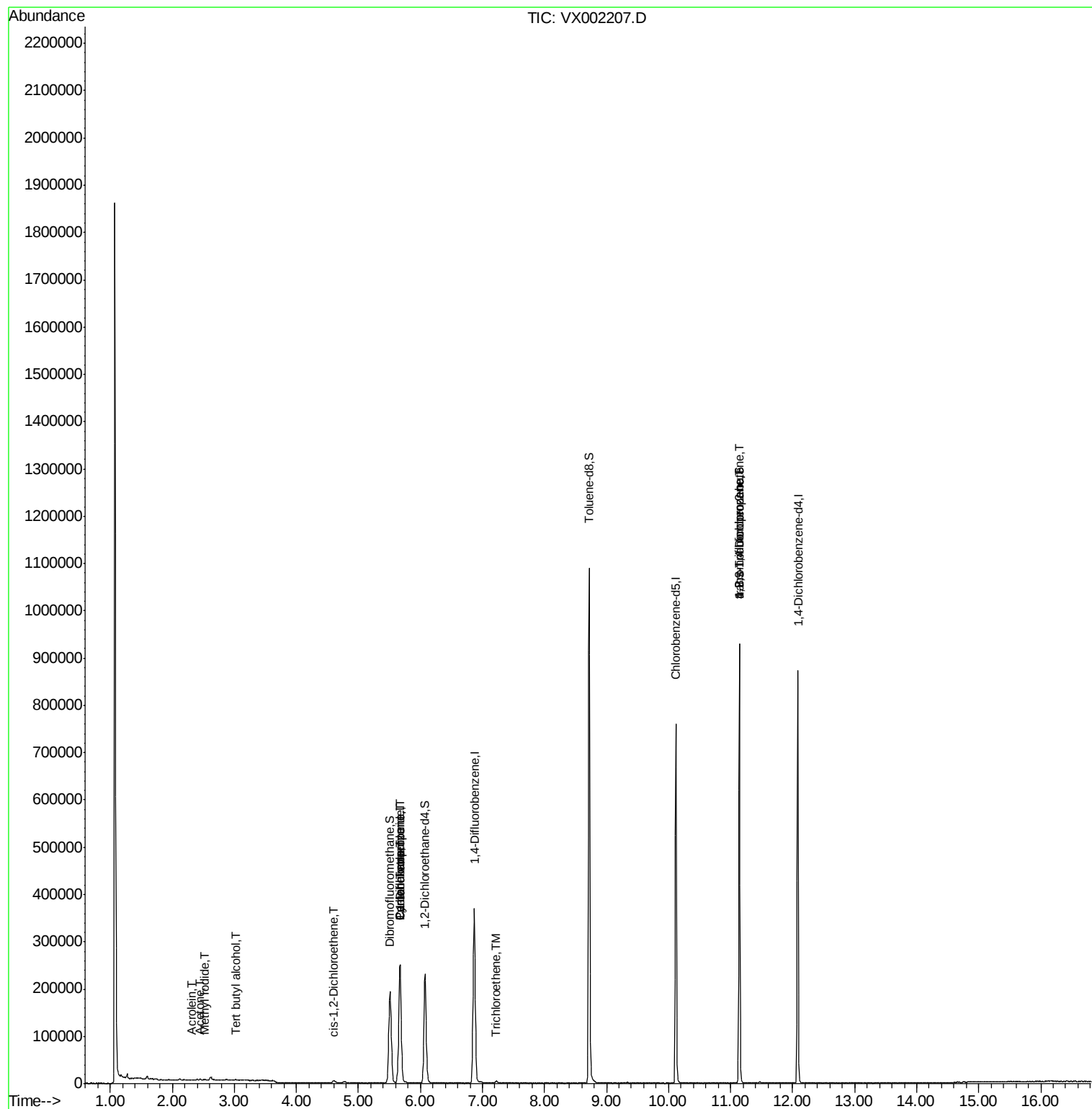
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	181043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	218129	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.51	113	159917	43.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.62%	
50) Toluene-d8	8.72	98	628991	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	11.14	95	220795	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	90	Below Cal	#	41
5) Bromomethane	1.65	94	930	Below Cal	#	71
10) Methyl Iodide	2.52	142	1000	0.237	ug/l #	94
11) Tert butyl alcohol	3.03	59	1021	1.164	ug/l #	93
13) Acrolein	2.31	56	396	1.044	ug/l #	51
16) Acetone	2.45	43	1343	0.778	ug/l	90
18) Methyl Acetate	2.78	43	209	Below Cal	#	55
20) Methylene Chloride	2.87	84	469	Below Cal	#	73
21) trans-1,2-Dichloroethene	3.15	96	139	Below Cal	#	1
27) cis-1,2-Dichloroethene	4.60	96	1229	0.323	ug/l #	1
28) Bromochloromethane	4.93	49	45	Below Cal	#	14
31) Cyclohexane	5.67	56	5664	0.920	ug/l #	12
36) 1,1-Dichloropropene	5.67	75	17673	3.481	ug/l #	51
38) Carbon Tetrachloride	5.67	117	23279	3.932	ug/l #	14
41) Methacrylonitrile	5.07	41	69	Below Cal	#	1
44) Trichloroethene	7.22	130	1678	0.387	ug/l	88
74) N-amyl acetate	6.46	43	86	Below Cal	#	29
75) 1,1,2,2-Tetrachloroethane	11.29	83	18	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.14	75	118265	27.196	ug/l #	33
79) 2-Chlorotoluene	11.51	91	180	Below Cal		82
81) trans-1,4-Dichloro-2-buten	11.14	75	118265	65.364	ug/l #	10

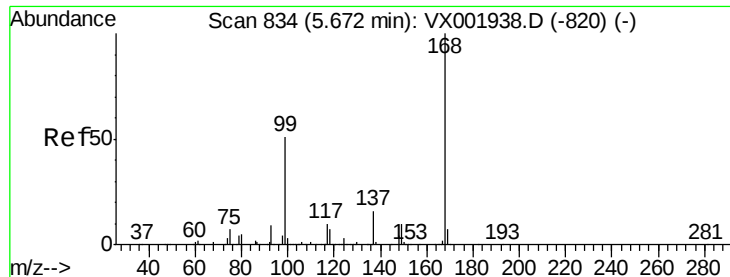
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
Data File : VX002207.D
Acq On : 01 Jun 2018 09:08
Operator : JC/MD
Sample : J3119-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 01 15:24:42 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002207.D

Acq: 01 Jun 2018 09:08

Instrument :

MSVOA_X

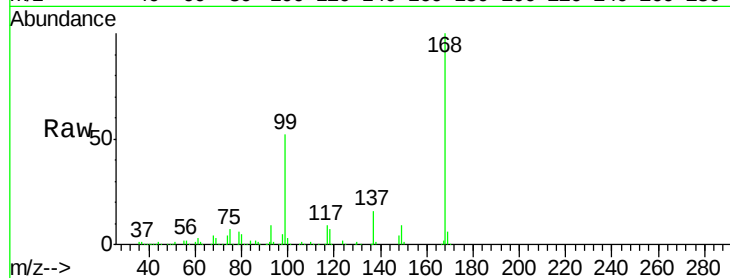
ClientSampleId :

Tot Ion:168 Resp: 250089

Ion Ratio Lower Upper

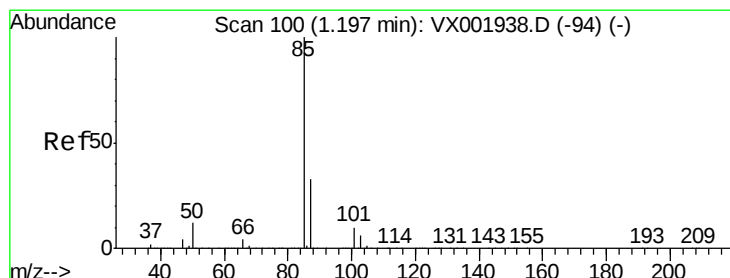
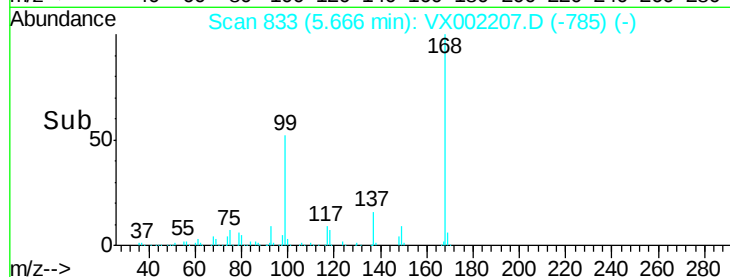
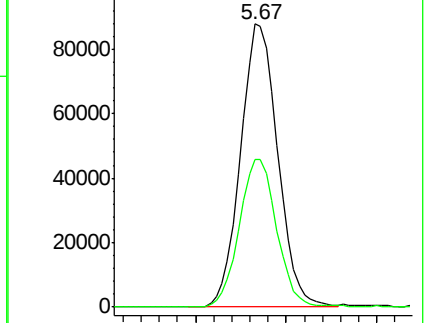
168 100

99 52.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002207.D

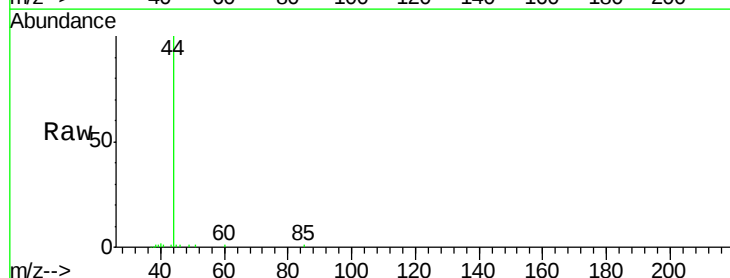
Acq: 01 Jun 2018 09:08

Tgt Ion: 85 Resp: 90

Ion Ratio Lower Upper

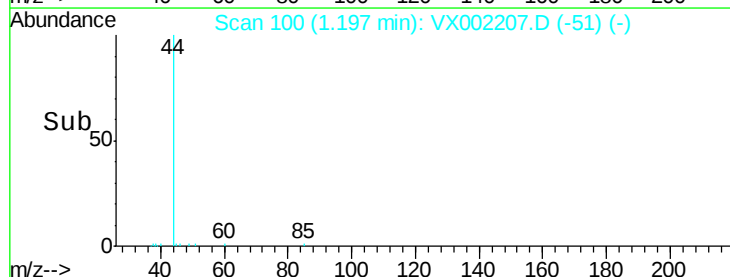
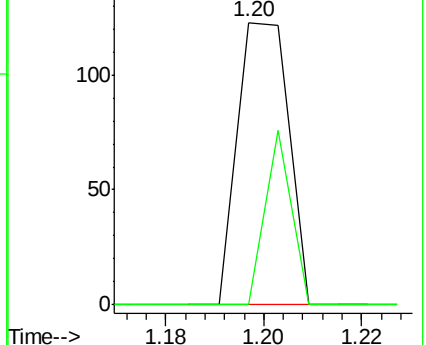
85 100

87 0.0 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002207.D

Acq: 01 Jun 2018 09:08

Instrument :

MSVOA_X

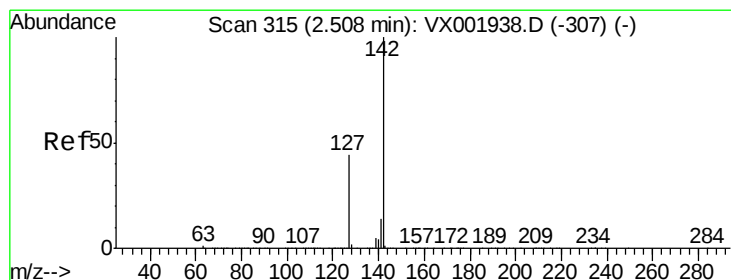
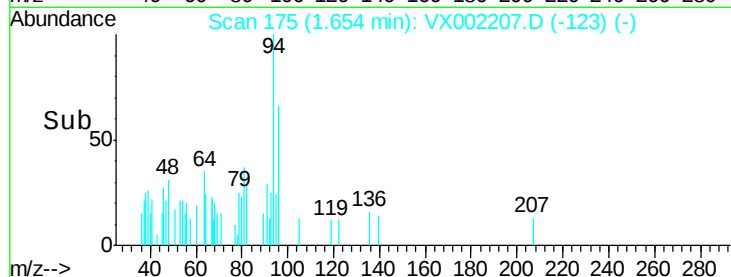
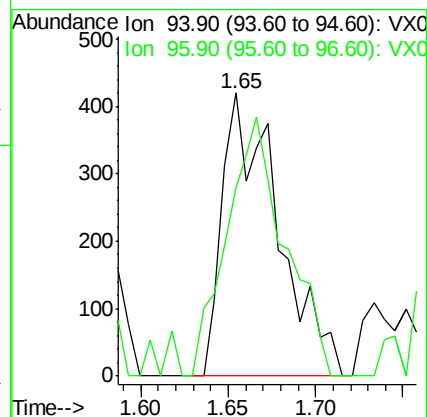
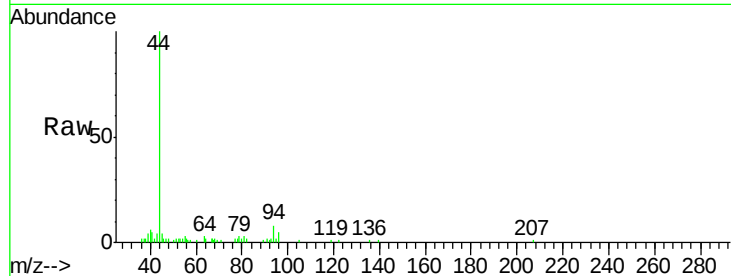
ClientSampleId :

Tot Ion: 94 Resp: 930

Ion Ratio Lower Upper

94 100

96 66.4 75.9 113.9#



#10

Methyl Iodide

Concen: 0.237 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002207.D

Acq: 01 Jun 2018 09:08

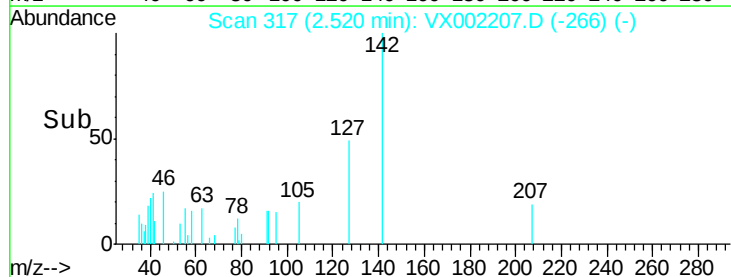
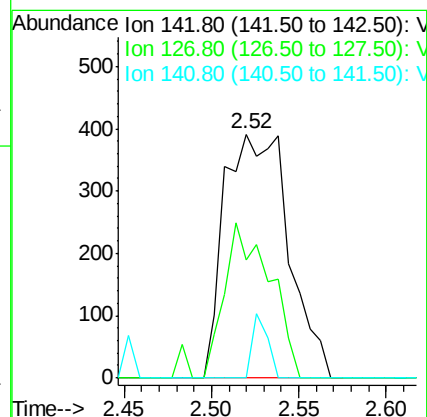
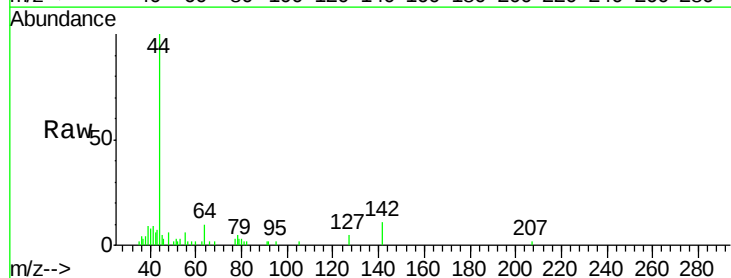
Tgt Ion: 142 Resp: 1000

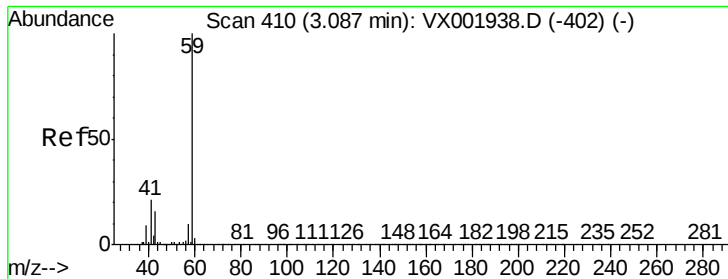
Ion Ratio Lower Upper

142 100

127 45.1 35.5 53.3

141 6.1 11.3 16.9#

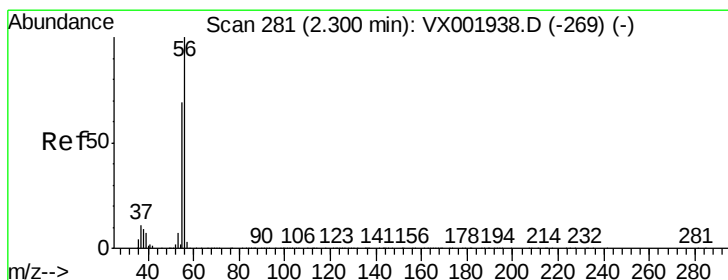
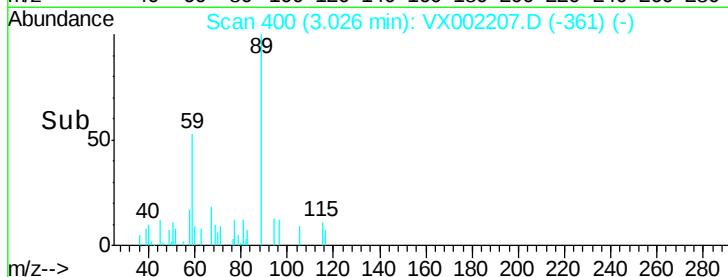
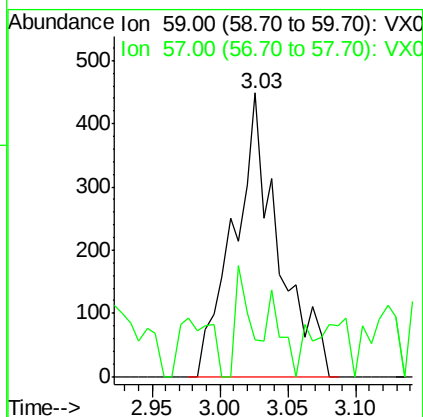
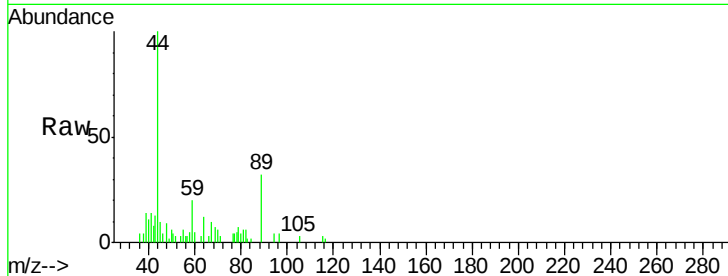




#11
Tert butyl alcohol
Concen: 1.164 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

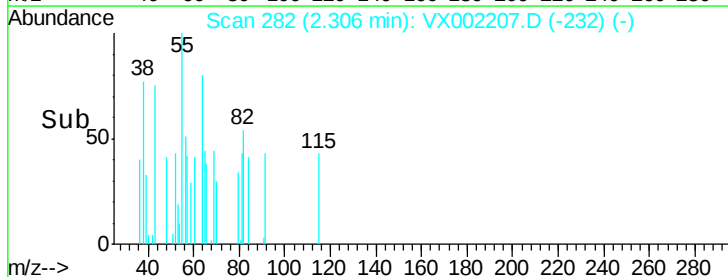
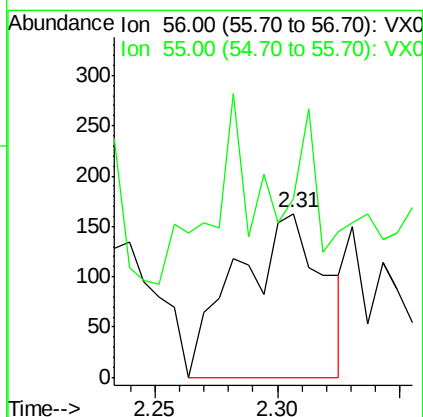
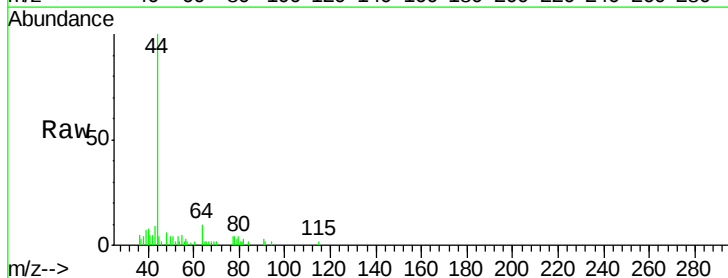
Instrument :
MSVOA_X
ClientSampled :

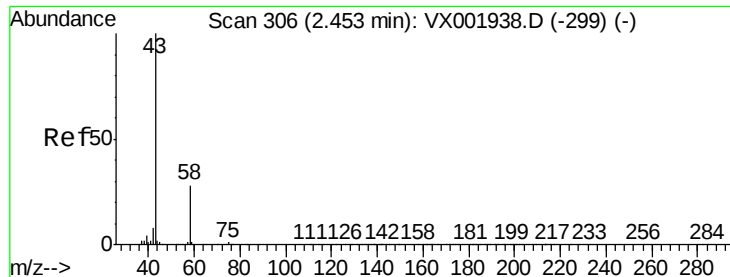
Tot Ion: 59 Resp: 1021
Ion Ratio Lower Upper
59 100
57 13.9 8.9 13.3#



#13
Acrolein
Concen: 1.044 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

Tgt Ion: 56 Resp: 396
Ion Ratio Lower Upper
56 100
55 30.3 56.8 85.2#





#16

Acetone

Concen: 0.778 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002207.D

Acq: 01 Jun 2018 09:08

Instrument :

MSVOA_X

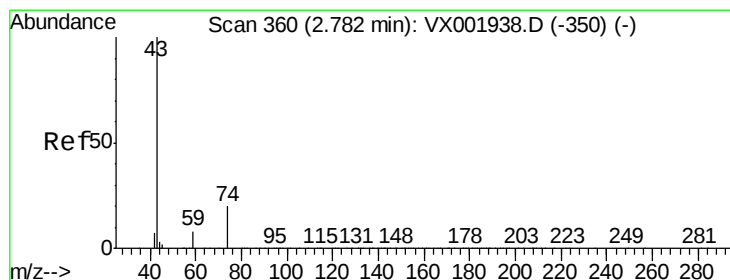
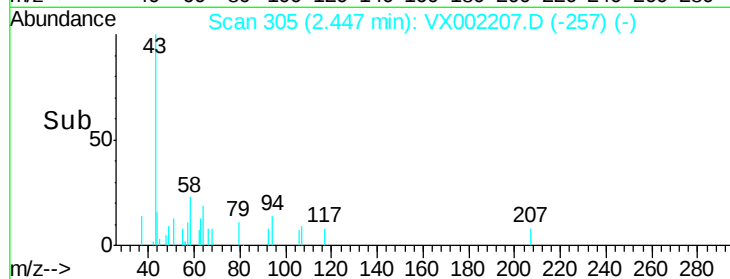
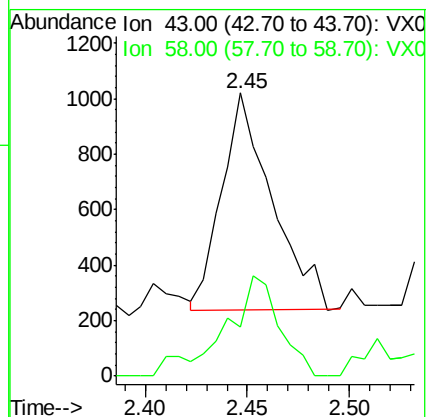
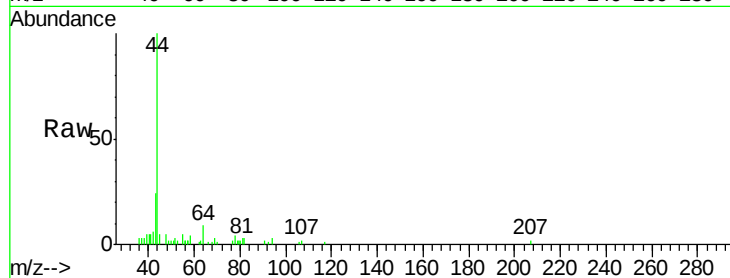
ClientSampled :

Tot Ion: 43 Resp: 1343

Ion Ratio Lower Upper

43 100

58 22.6 22.3 33.5



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002207.D

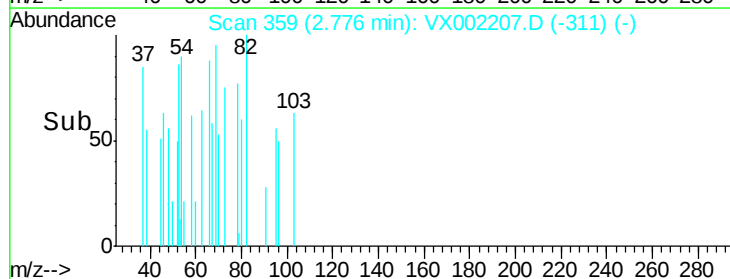
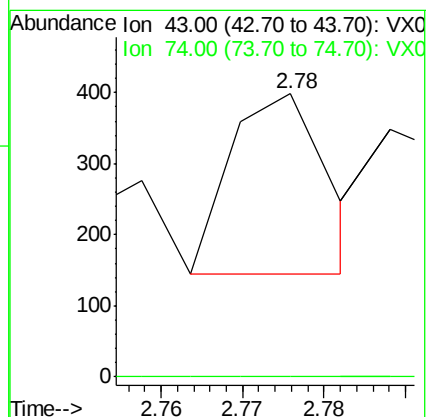
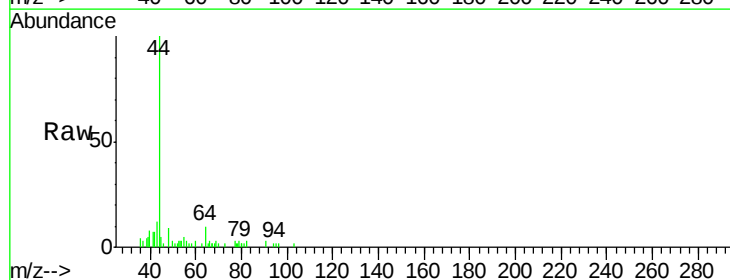
Acq: 01 Jun 2018 09:08

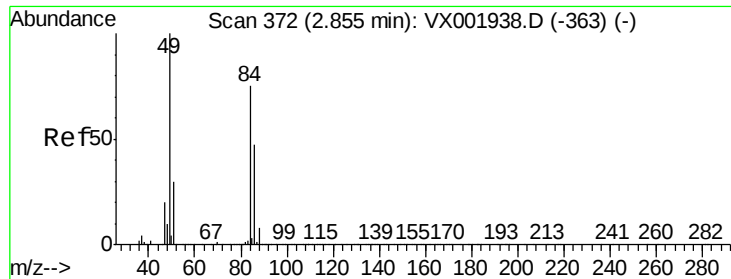
Tgt Ion: 43 Resp: 209

Ion Ratio Lower Upper

43 100

74 0.0 16.8 25.2#

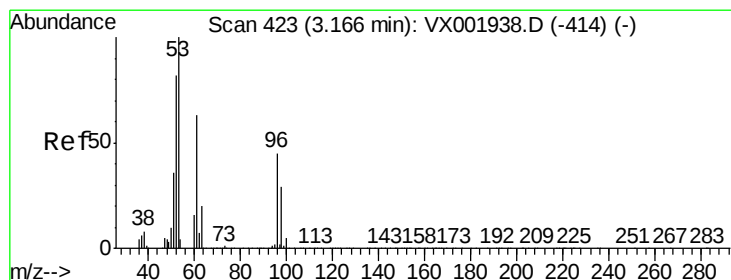
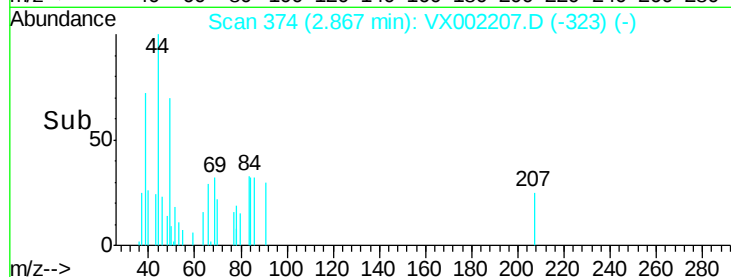
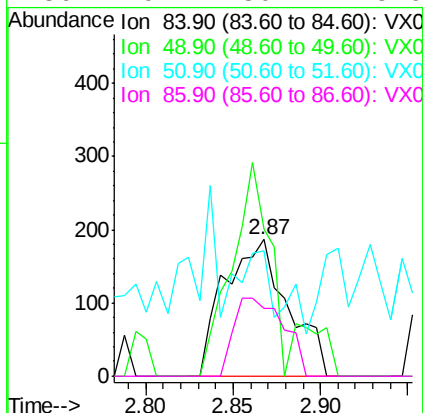
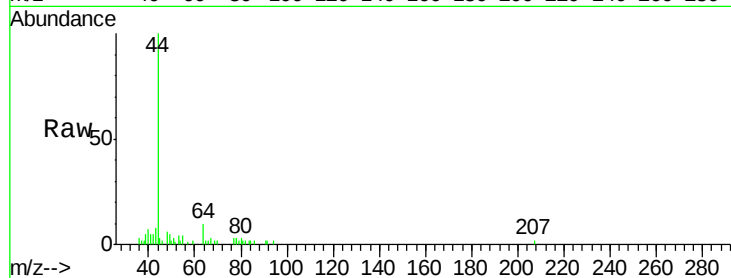




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

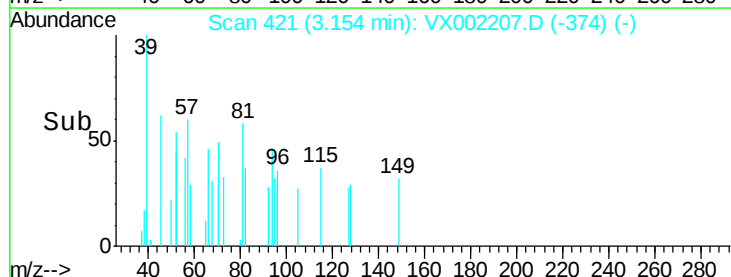
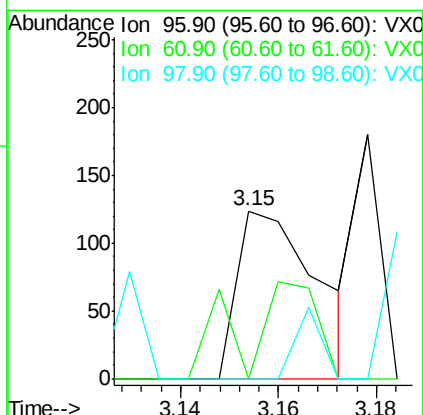
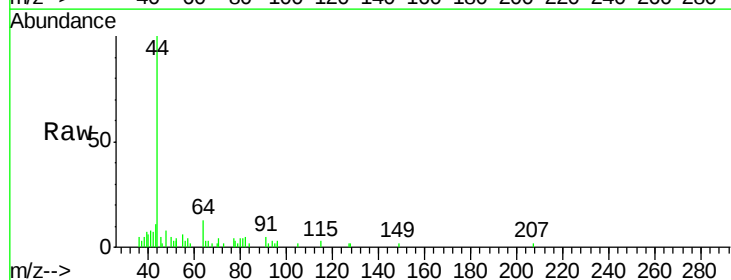
Instrument :
MSVOA_X
ClientSampled :

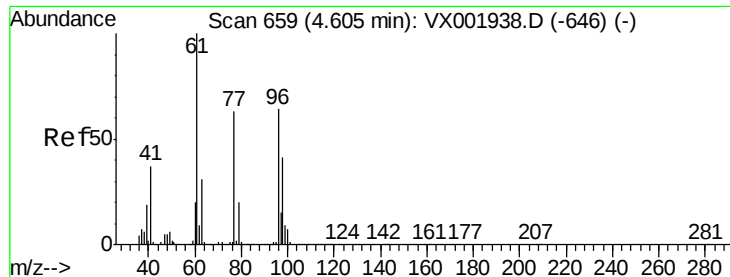
Tot Ion: 84 Resp: 469
Ion Ratio Lower Upper
84 100
49 107.5 107.2 160.8
51 5.3 32.4 48.6#
86 49.2 50.4 75.6#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

Tgt Ion: 96 Resp: 139
Ion Ratio Lower Upper
96 100
61 0.0 113.3 169.9#
98 0.0 51.7 77.5#



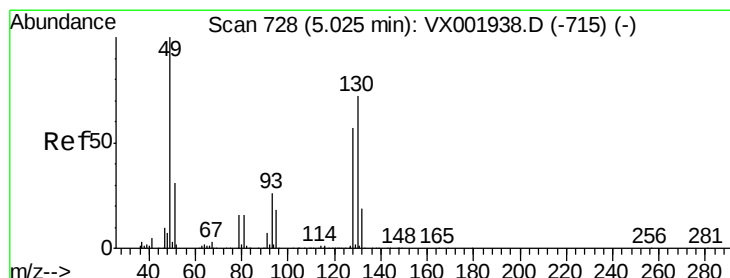
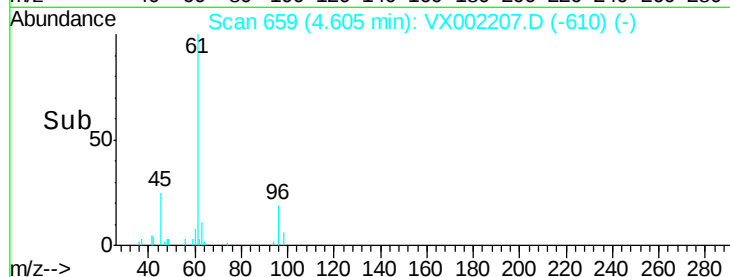
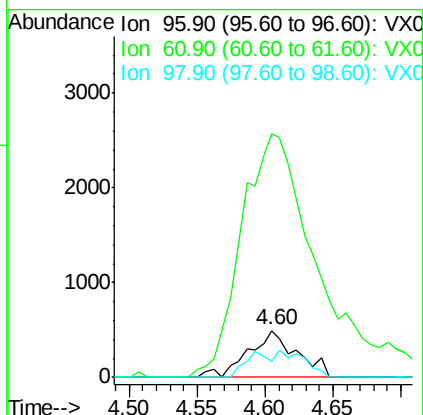
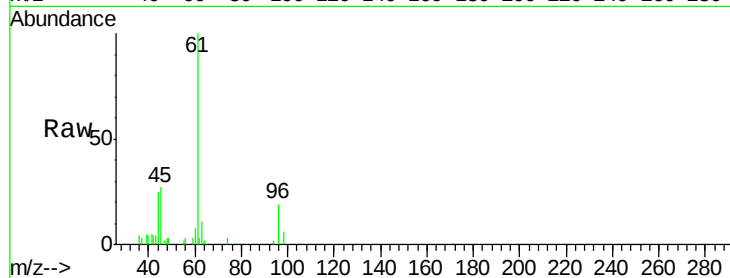


#27

cis-1,2-Dichloroethene
Concen: 0.323 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

Instrument :
MSVOA_X
ClientSampleId :

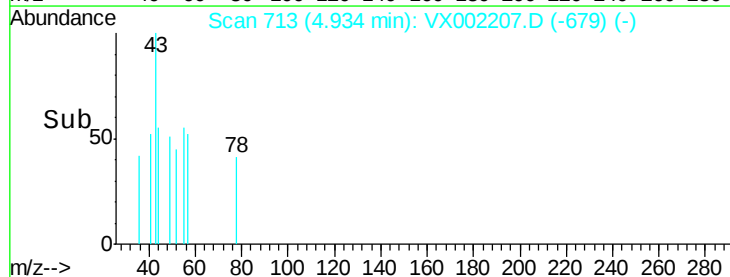
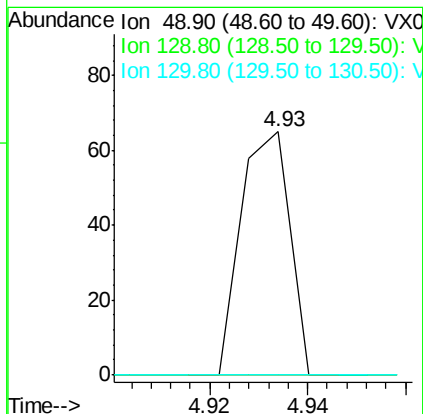
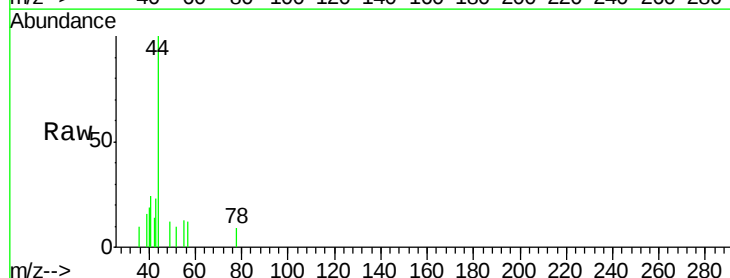
Tot Ion	Ratio	Lower	Upper
96	100		
61	850.5	0.0	348.4#
98	33.8	0.0	128.6

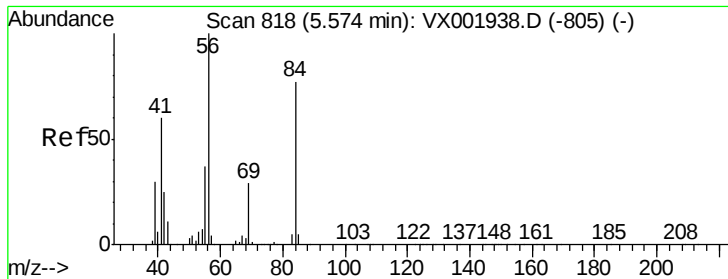


#28

Bromochloromethane
Concen: Below Cal
RT: 4.93 min Scan# 713
Delta R.T. -0.09 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#

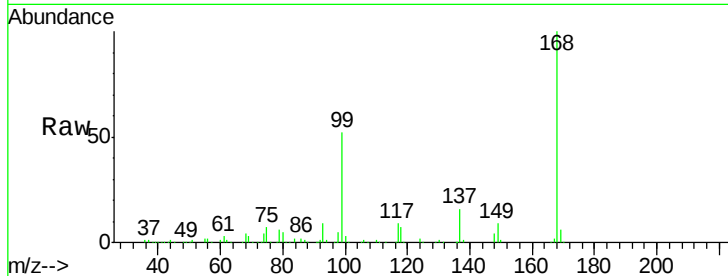




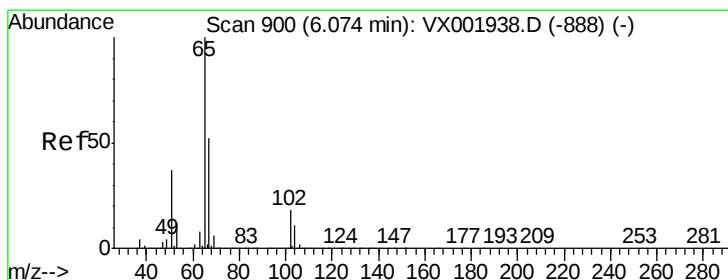
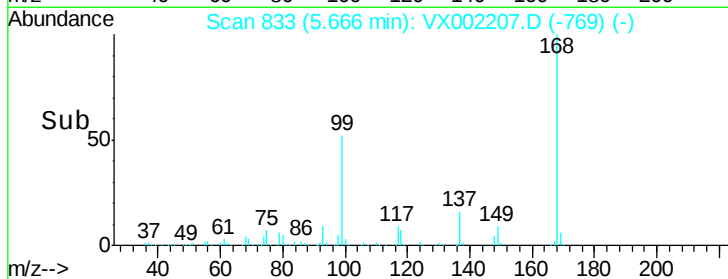
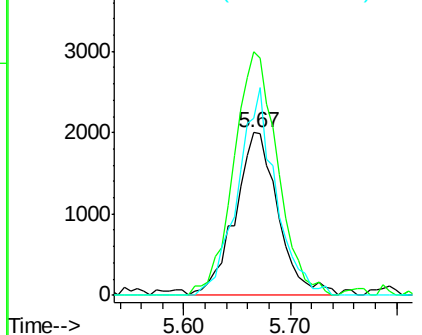
#31
Cyclohexane
Concen: 0.920 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 5664
Ion Ratio Lower Upper
56 100
69 149.8 23.1 34.7#
84 109.1 62.0 93.0#

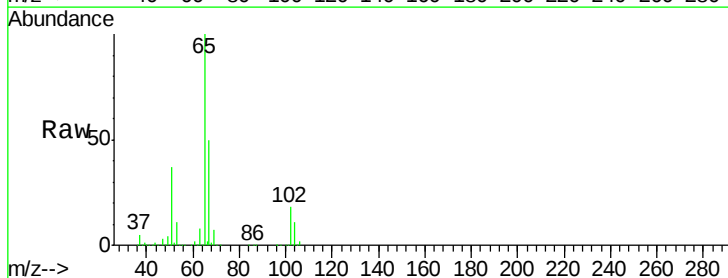


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

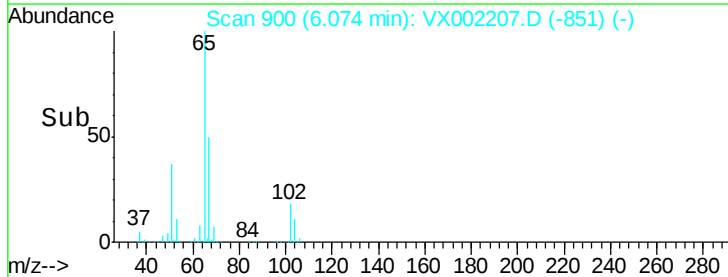
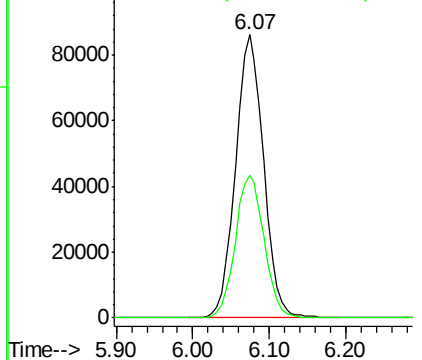


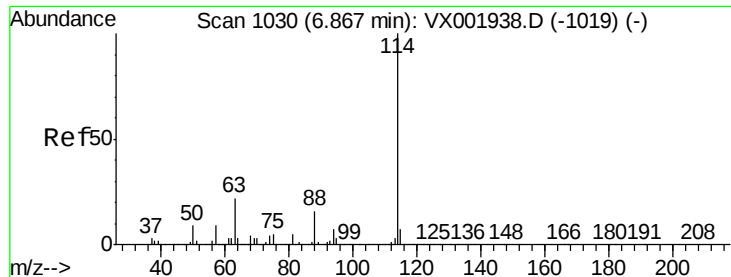
#33
1,2-Dichloroethane-d4
Concen: 48.795 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

Tgt Ion: 65 Resp: 218129
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

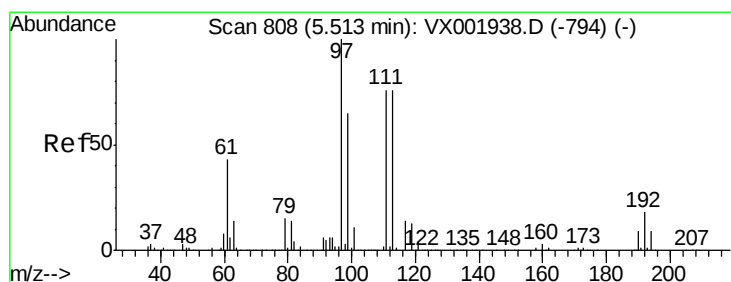
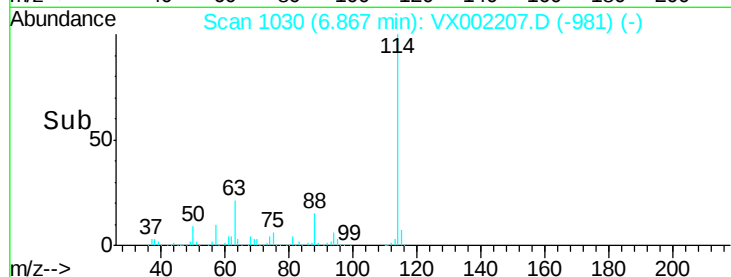
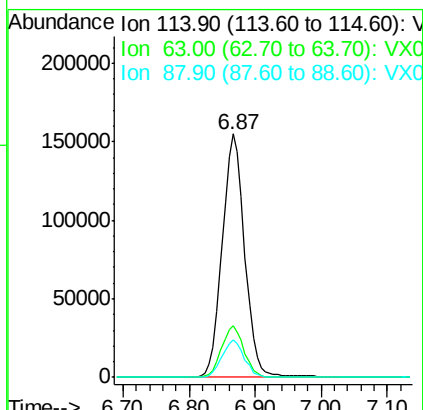
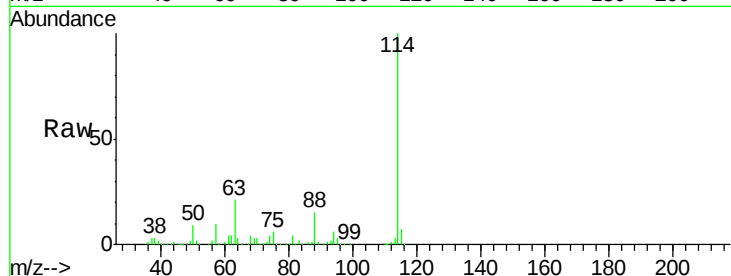




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002207.D
 Acq: 01 Jun 2018 09:08

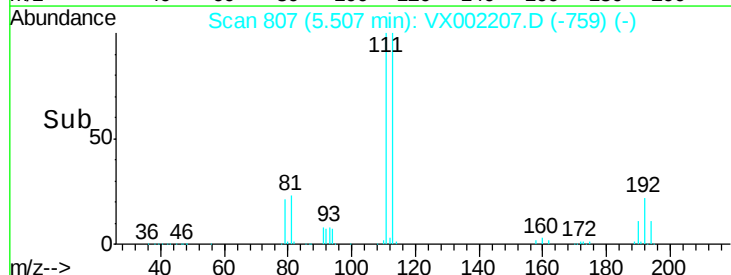
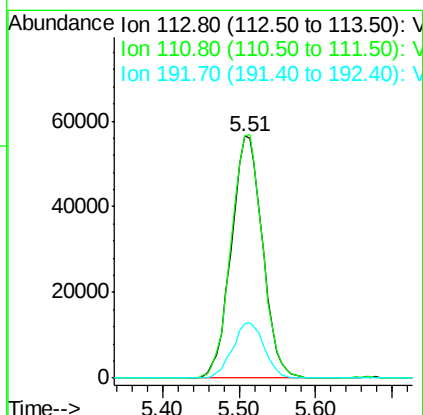
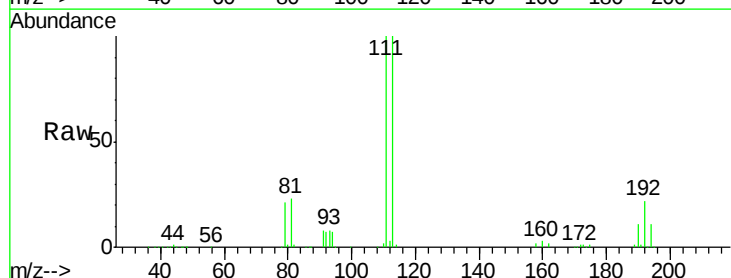
Instrument :
 MSVOA_X
 ClientSampleId :

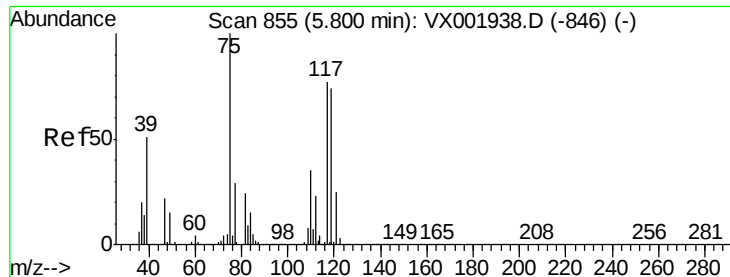
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	15.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 43.811 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002207.D
 Acq: 01 Jun 2018 09:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.0	123.0
192	23.2	18.9	28.3

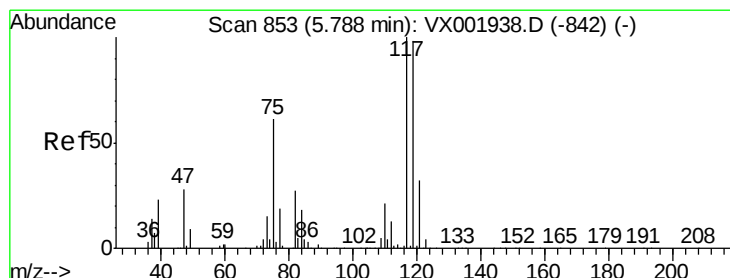
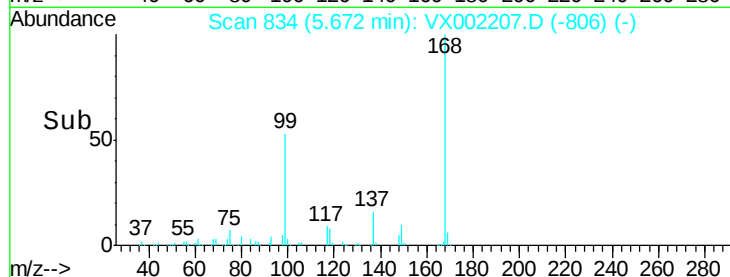
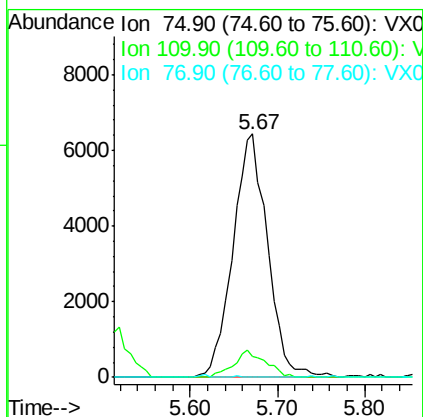
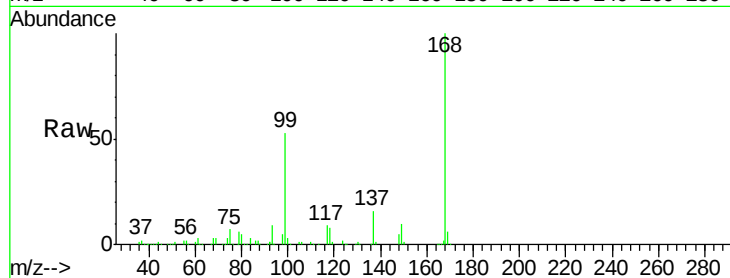




#36
 1,1-Dichloropropene
 Concen: 3.481 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX002207.D
 Acq: 01 Jun 2018 09:08

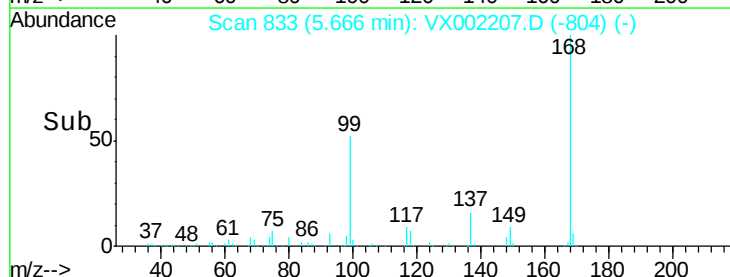
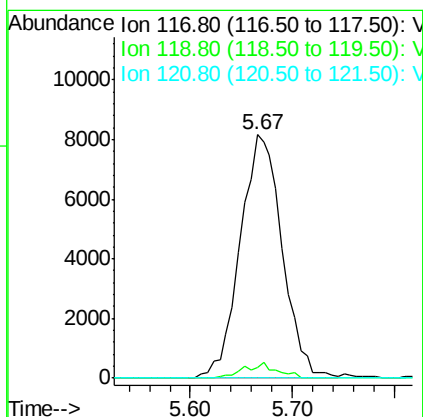
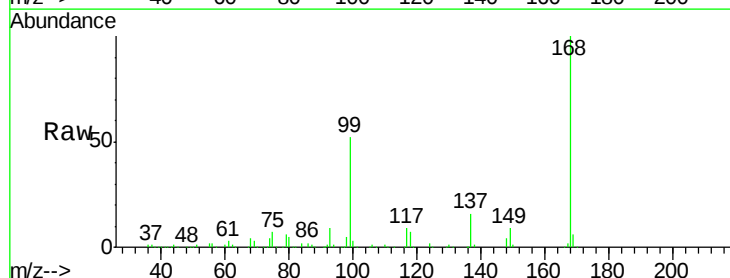
Instrument :
 MSVOA_X
 ClientSampleId :

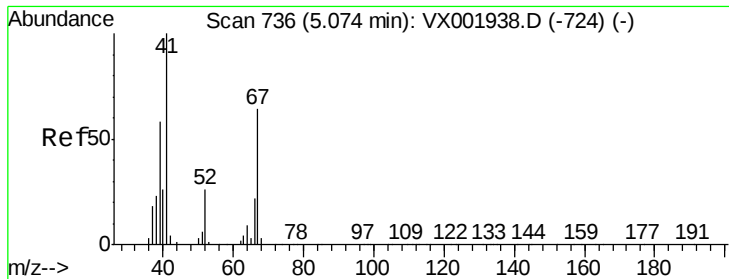
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.4	52.2#
77	0.1	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 3.932 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002207.D
 Acq: 01 Jun 2018 09:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.5	117.7#
121	0.0	25.5	38.3#

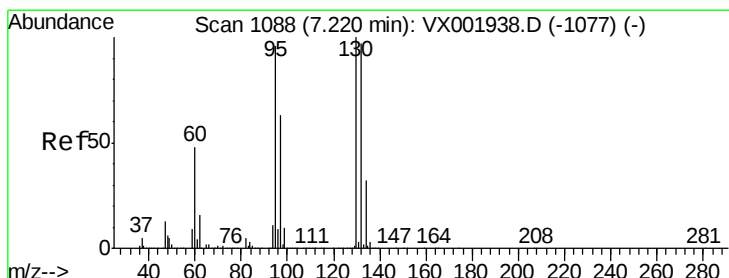
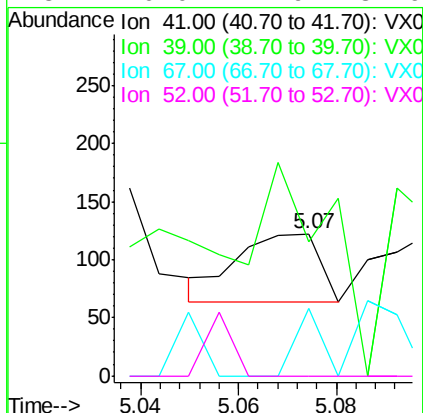
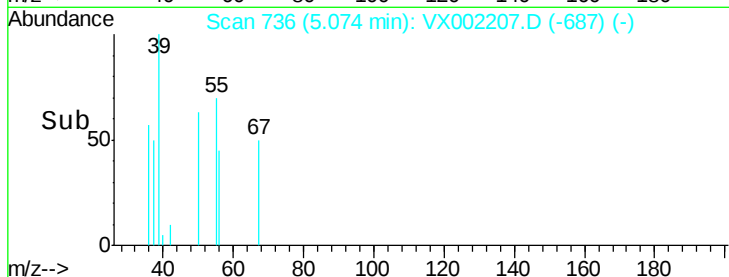
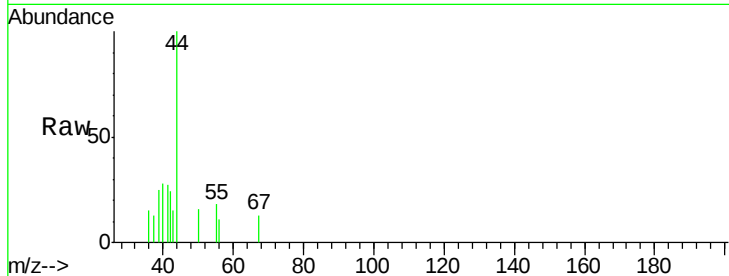




#41
Methacrylonitrile
Concen: Below Cal
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

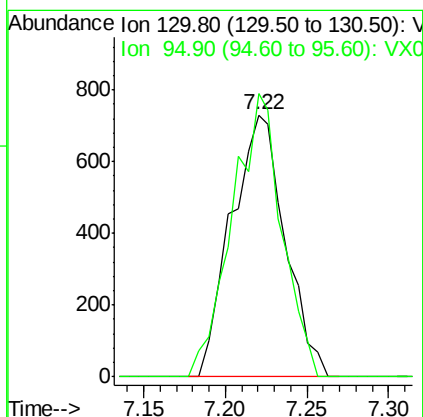
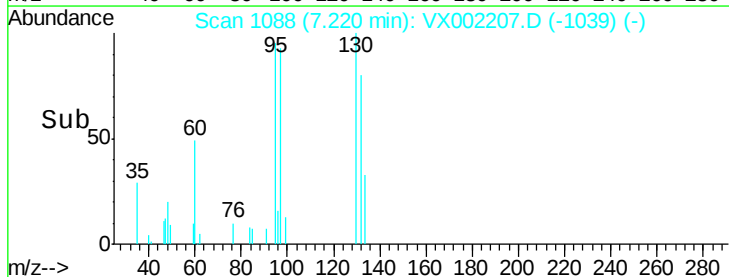
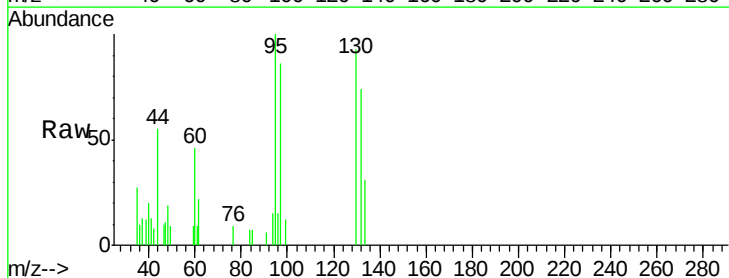
Instrument :
MSVOA_X
ClientSampled :

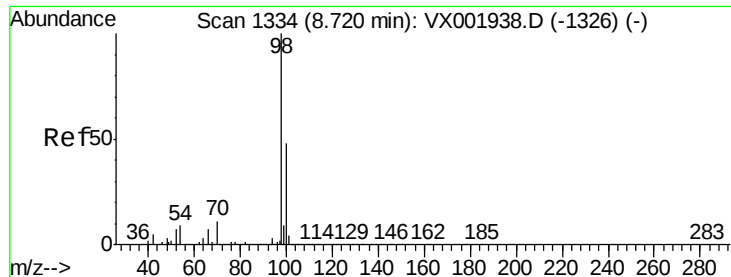
Tot Ion:	41	Resp:	69
Ion	Ratio	Lower	Upper
41	100		
39	239.1	46.0	69.0#
67	0.0	50.6	75.8#
52	0.0	21.9	32.9#



#44
Trichloroethene
Concen: 0.387 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

Tgt Ion:	130	Resp:	1678
Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	192.0

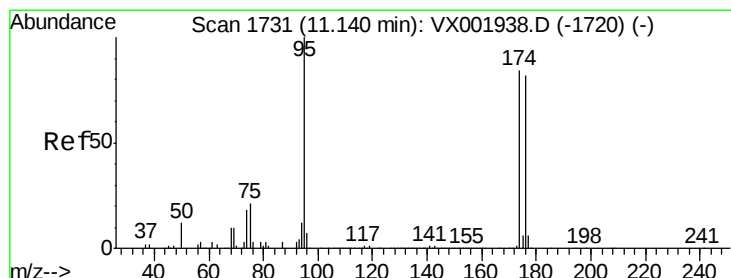
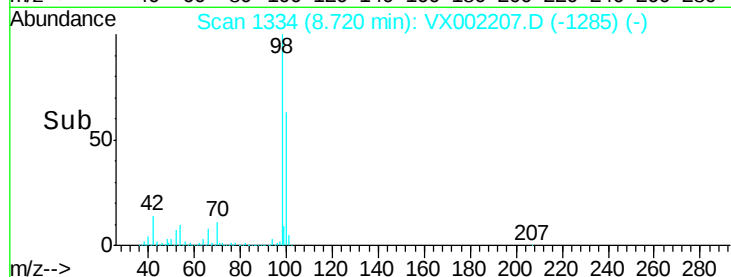
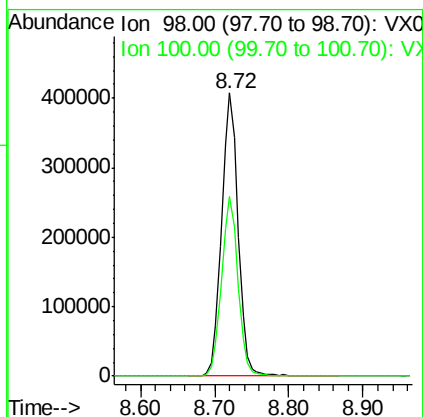
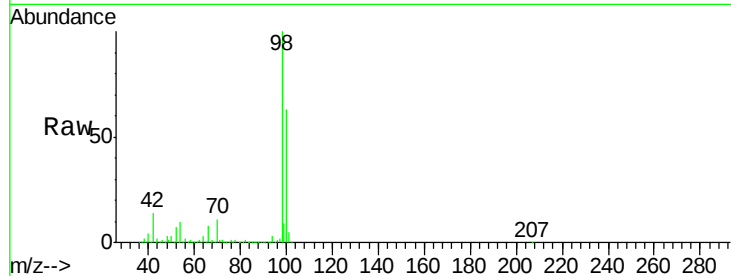




#50
Toluene-d8
Concen: 47.597 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

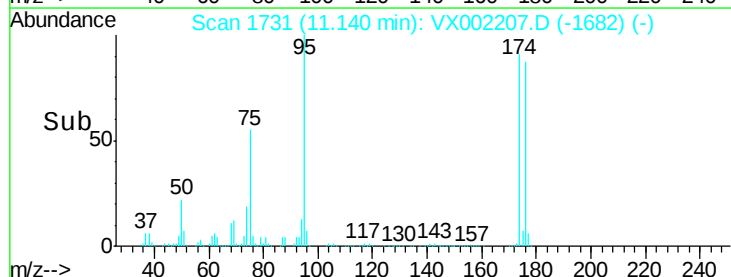
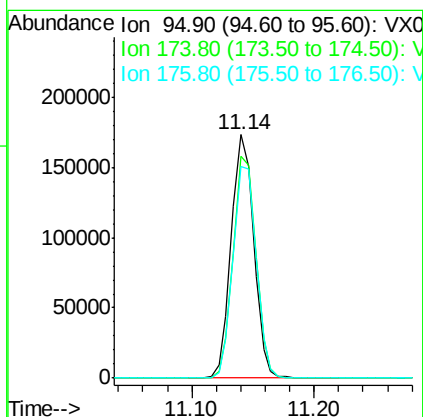
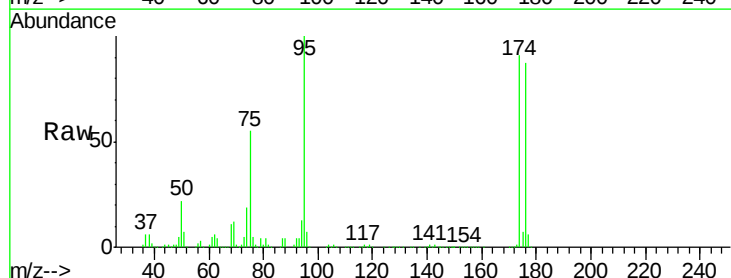
Instrument :
MSVOA_X
ClientSampleId :

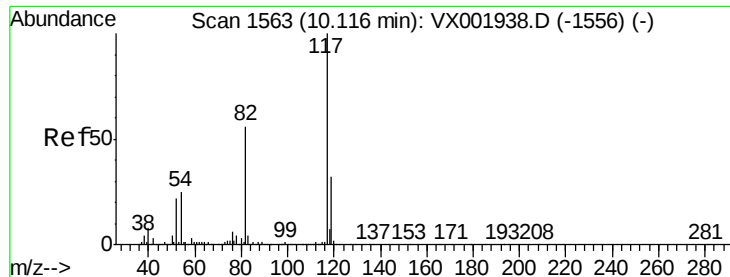
Tot Ion: 98 Resp: 628991
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 42.704 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

Tgt Ion: 95 Resp: 220795
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.8
176 90.0 0.0 175.6

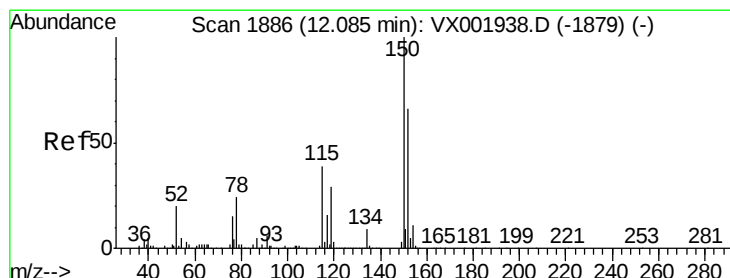
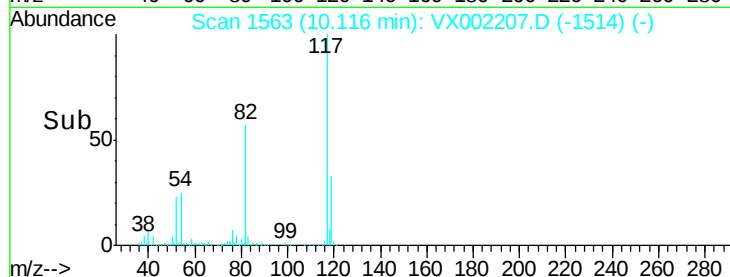
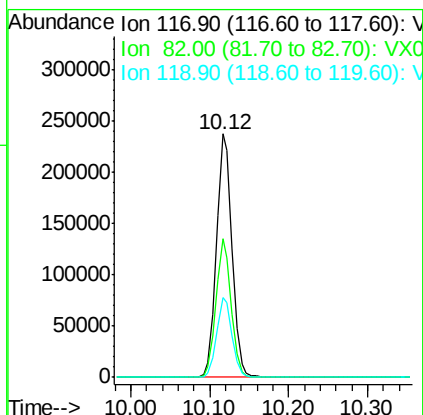
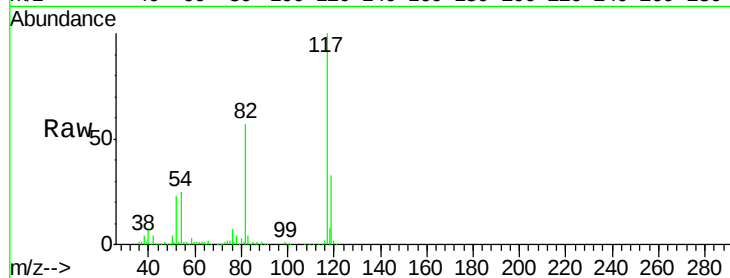




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

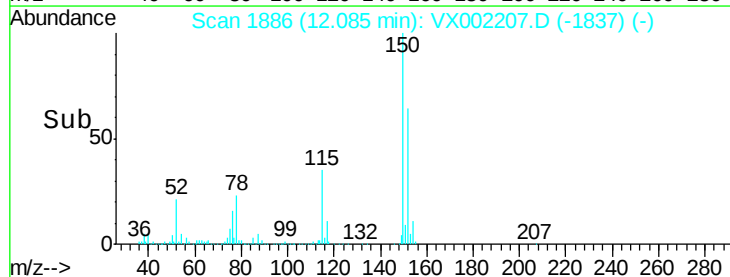
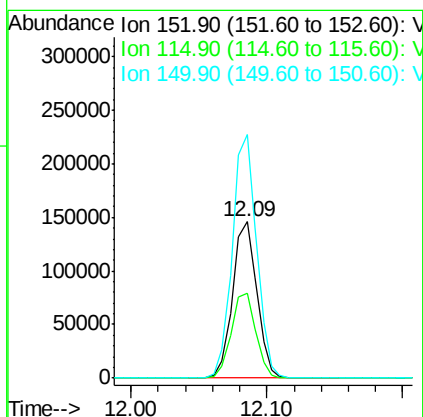
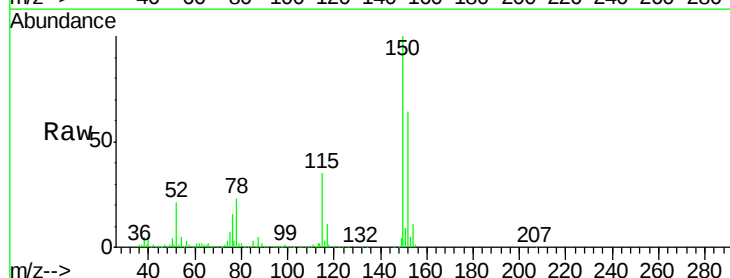
Instrument :
MSVOA_X
ClientSampleId :

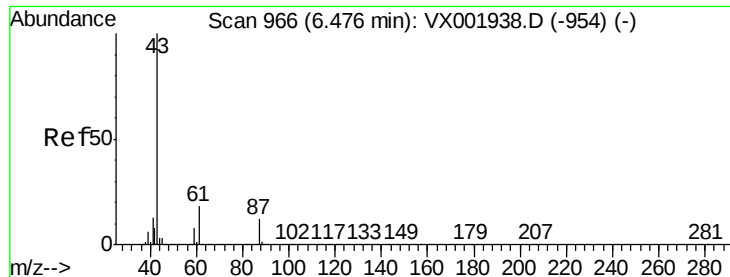
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.8	67.2
119	32.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002207.D
Acq: 01 Jun 2018 09:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	42.3	126.8
150	155.6	0.0	351.0





#74

N-amvl acetate

Concen: Below Cal

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002207.D

Acq: 01 Jun 2018 09:08

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 86

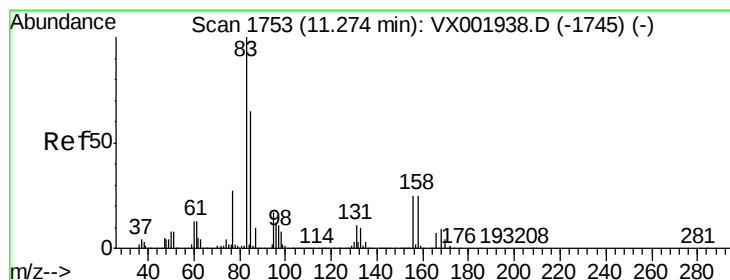
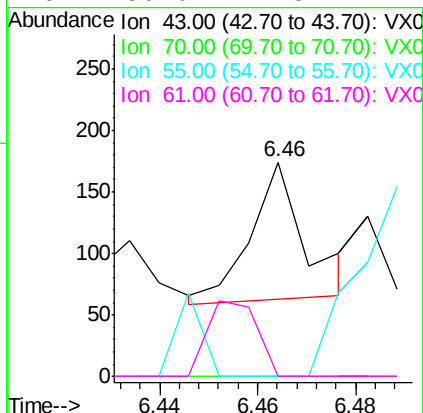
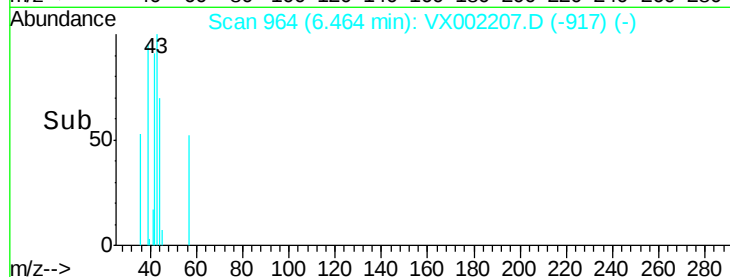
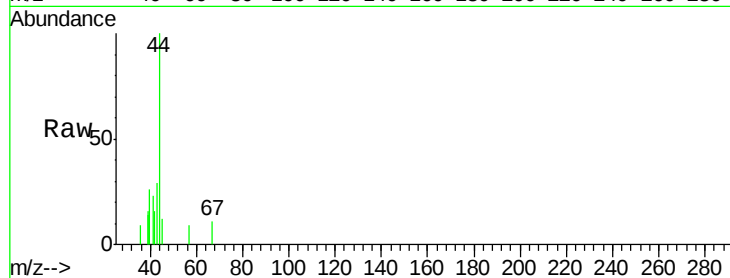
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 29.1 0.1 0.1#

61 50.0 14.5 21.7#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.29 min Scan# 1755

Delta R.T. 0.01 min

Lab File: VX002207.D

Acq: 01 Jun 2018 09:08

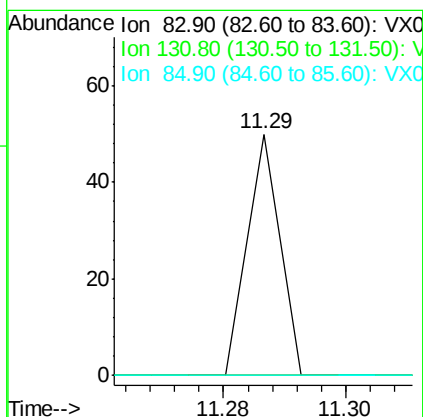
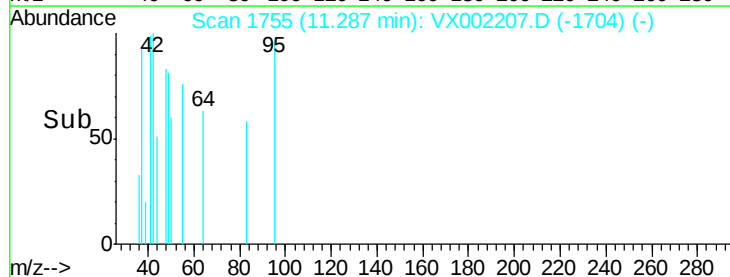
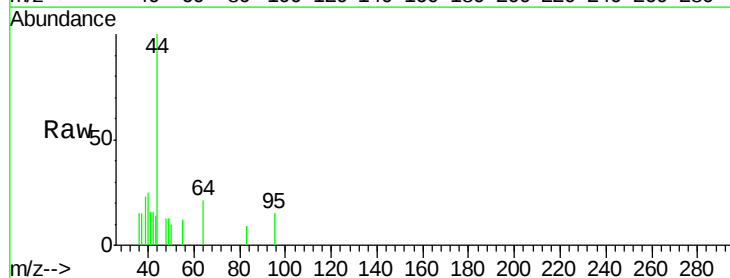
Tgt Ion: 83 Resp: 18

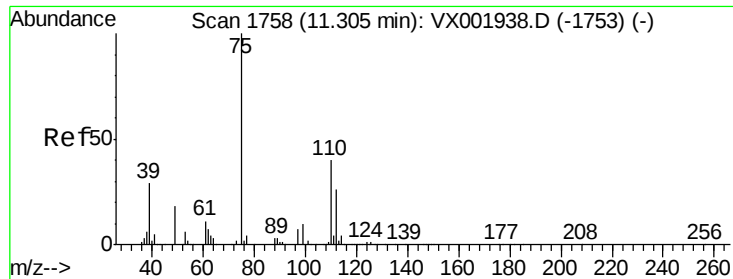
Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

85 0.0 32.6 97.7#





#76

1,2,3-Trichloropropane

Concen: 27.196 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002207.D

Acq: 01 Jun 2018 09:08

Instrument :

MSVOA_X

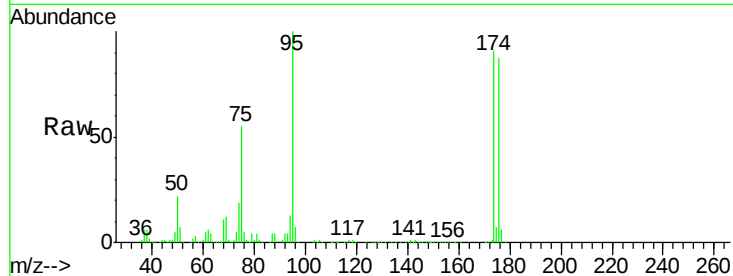
ClientSampleId :

Tot Ion: 75 Resp: 118265

Ion Ratio Lower Upper

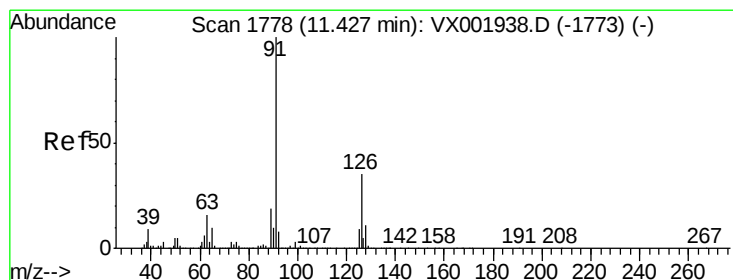
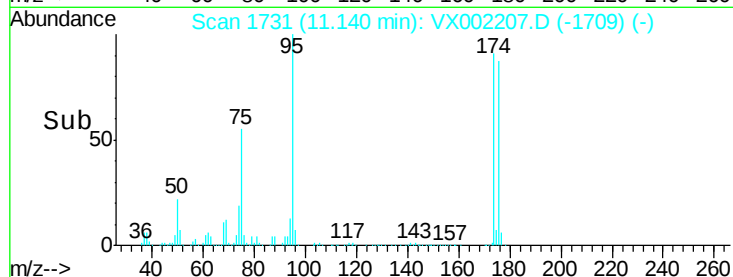
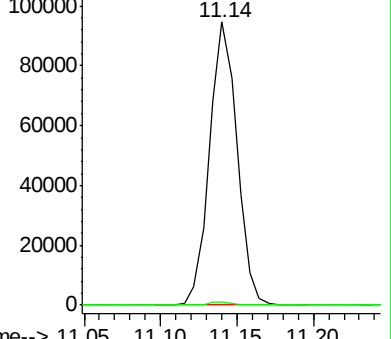
75 100

77 1.1 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.51 min Scan# 1792

Delta R.T. 0.09 min

Lab File: VX002207.D

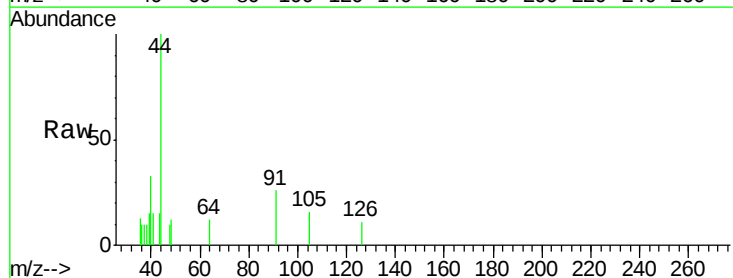
Acq: 01 Jun 2018 09:08

Tgt Ion: 91 Resp: 180

Ion Ratio Lower Upper

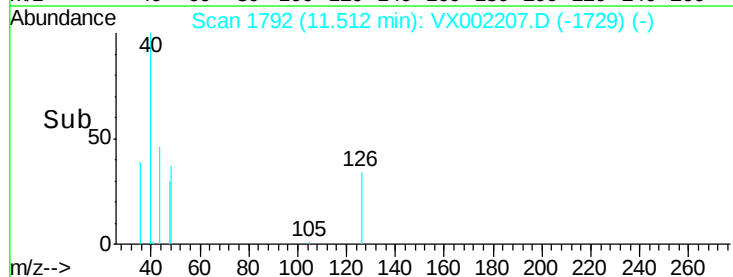
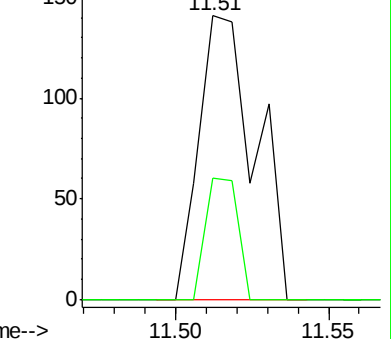
91 100

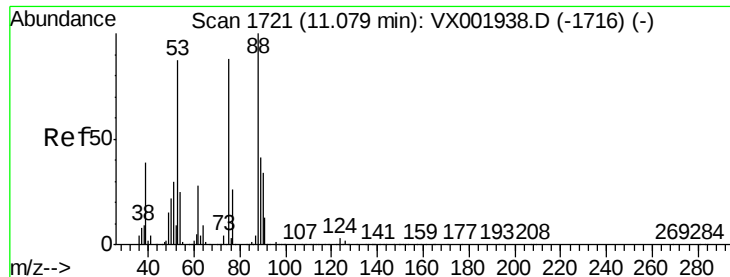
126 24.4 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.364 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002207.D
 Acq: 01 Jun 2018 09:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 118265
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 39.4 59.2#

