

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009606.D
 Acq On : 16 May 2019 14:47
 Operator : JC/SP
 Sample : PB119766TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB119766TB

Quant Time: May 17 06:38:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	175714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108282	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117262	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.50	113	84429	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	8.71	98	354459	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	118142	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	

Target Compounds

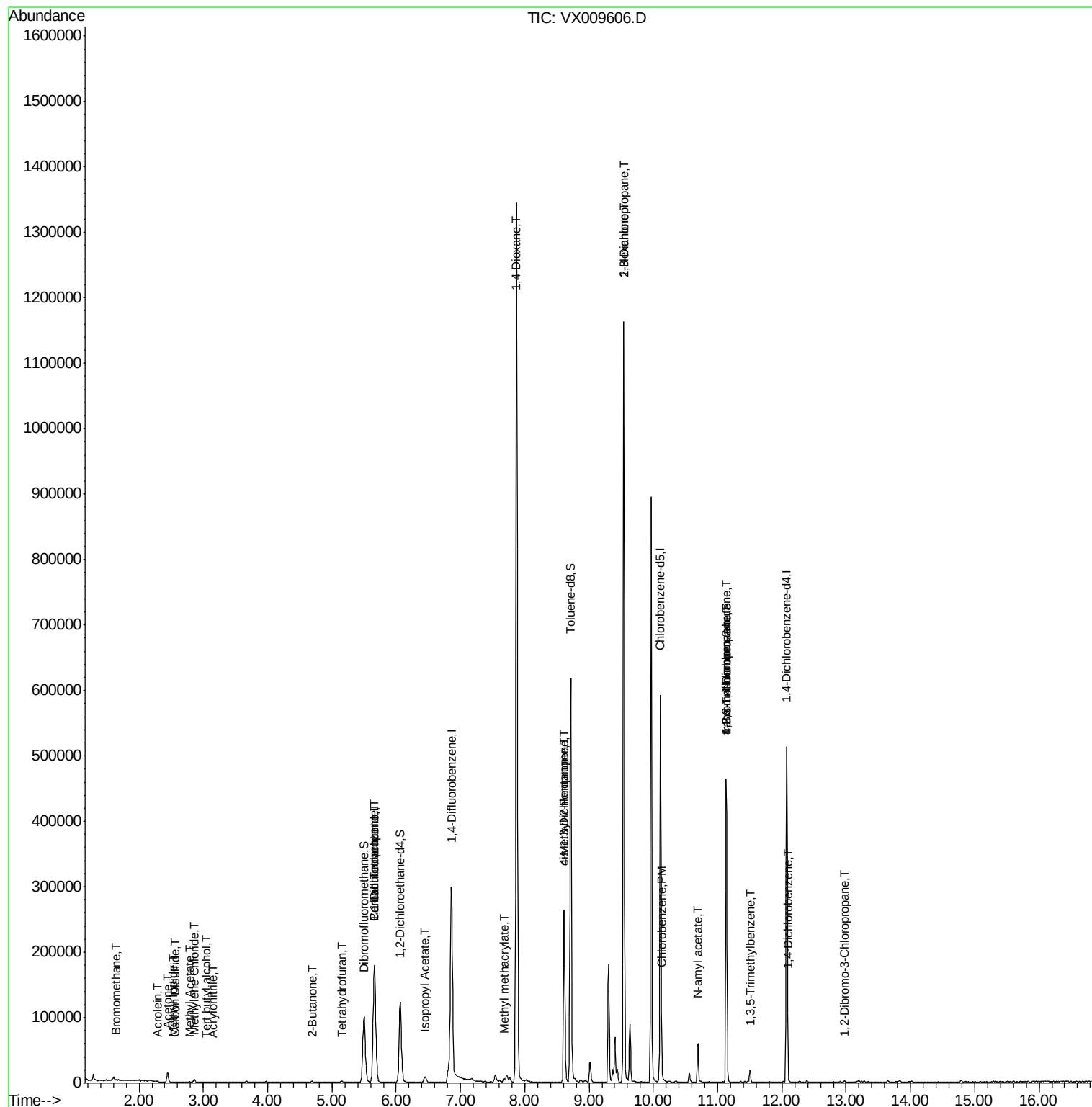
						Qvalue
5) Bromomethane	1.64	94	349	0.270	ug/l	85
10) Methyl Iodide	2.52	142	355	4.762	ug/l #	75
11) Tert butyl alcohol	3.04	59	341	0.614	ug/l #	94
13) Acrolein	2.29	56	178	0.354	ug/l #	82
15) Acrylonitrile	3.15	53	480	0.354	ug/l #	59
16) Acetone	2.45	43	15385	11.945	ug/l	97
17) Carbon Disulfide	2.57	76	997	0.215	ug/l #	60
18) Methyl Acetate	2.78	43	1562	0.510	ug/l	98
20) Methylene Chloride	2.86	84	1668	0.800	ug/l #	87
25) 2-Butanone	4.68	43	3097	1.547	ug/l #	90
28) Bromochloromethane	4.99	49	144	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	1974	1.533	ug/l	92
36) 1,1-Dichloropropene	5.67	75	13660	5.216	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16845	7.080	ug/l #	16
43) Isopropyl Acetate	6.45	43	12923	2.214	ug/l	98
48) Methyl methacrylate	7.68	41	7619	2.631	ug/l #	18
49) 1,4-Dioxane	7.87	88	229	3.900	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	94977	24.897	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	40184	12.096	ug/l #	58
57) 1,3-Dichloropropane	9.54	76	9333	2.639	ug/l #	44
59) 2-Hexanone	9.54	43	146678	48.956	ug/l #	52
65) Chlorobenzene	10.13	112	1770	0.352	ug/l	98
74) N-amyl acetate	10.69	43	16370	3.566	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	61073	24.315	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	6952	1.049	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	61073	62.213	ug/l #	10
88) 1,4-Dichlorobenzene	12.10	146	728	0.207	ug/l #	64
92) 1,2-Dibromo-3-Chloropropan	12.97	75	353	0.536	ug/l #	2

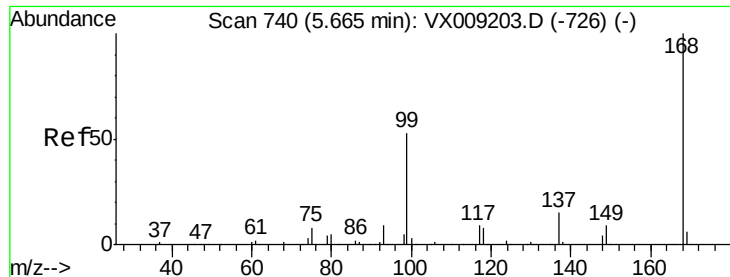
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX051619\
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Quant Time: May 17 06:38:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

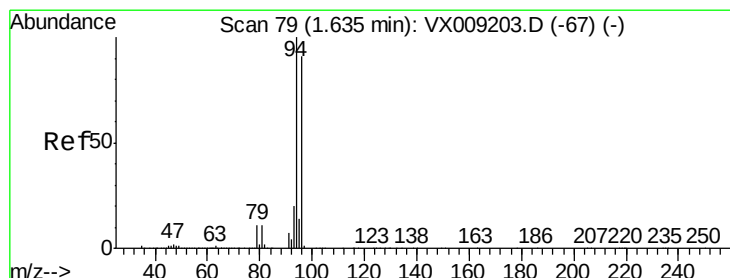
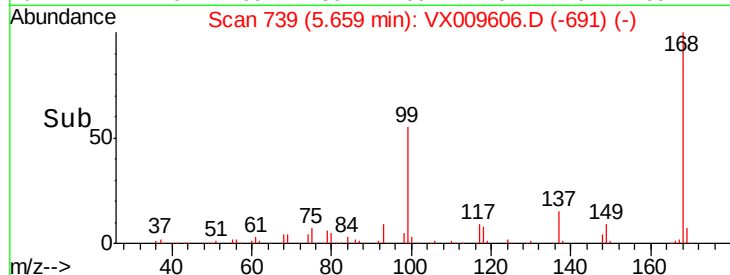
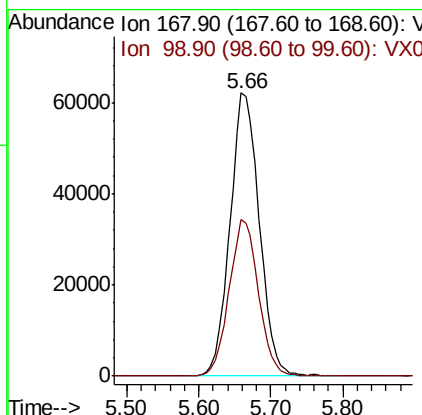
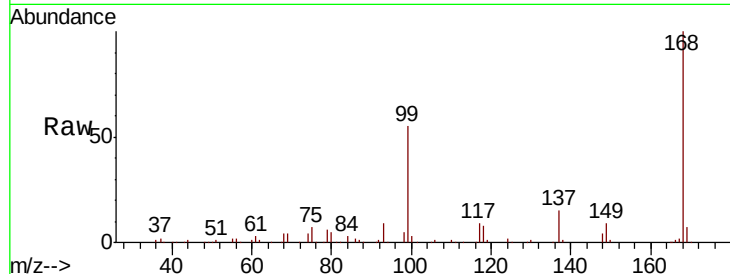




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009606.D
Acq: 16 May 2019 14:47

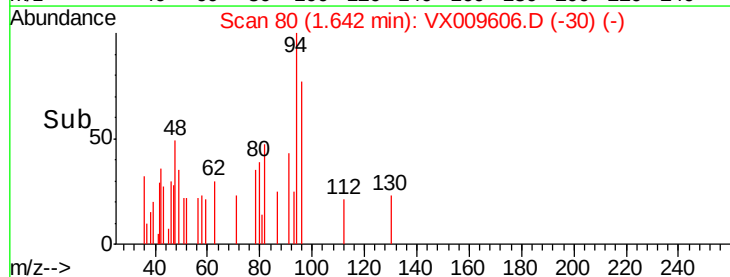
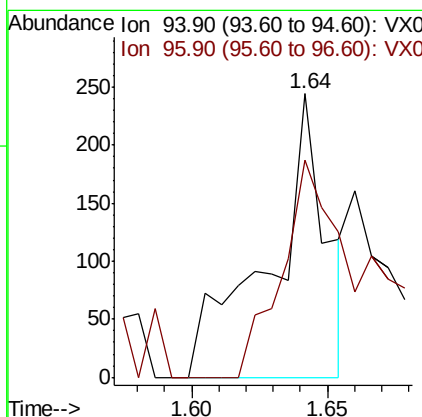
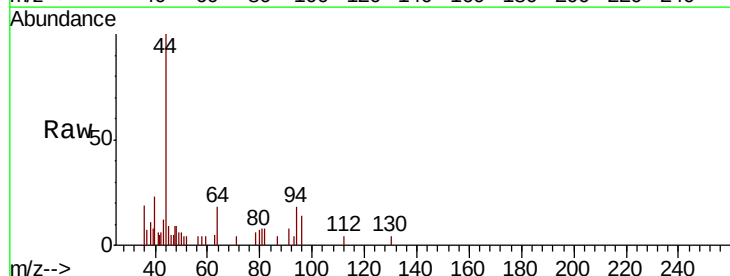
Instrument :
MSVOA_X
ClientSampleId :
PB119766TB

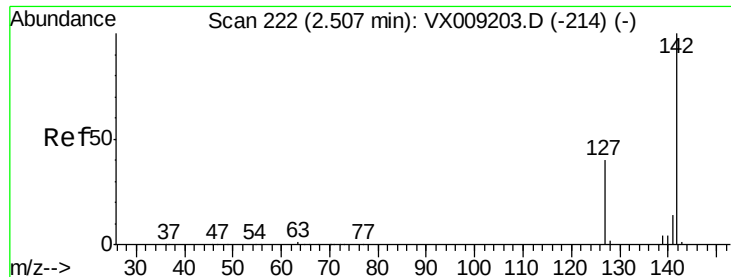
Tot Ion:168 Resp: 175714
Ion Ratio Lower Upper
168 100
99 55.2 42.3 63.5



#5
Bromomethane
Concen: 0.270 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX009606.D
Acq: 16 May 2019 14:47

Tgt Ion: 94 Resp: 349
Ion Ratio Lower Upper
94 100
96 76.6 73.0 109.6

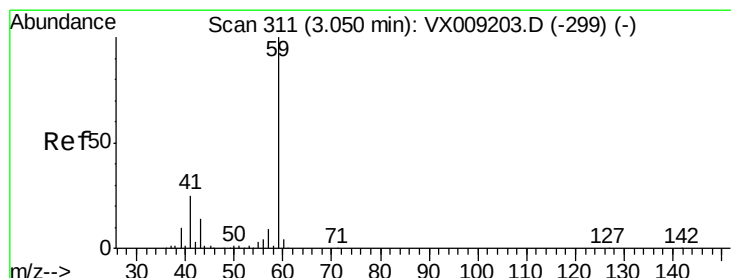
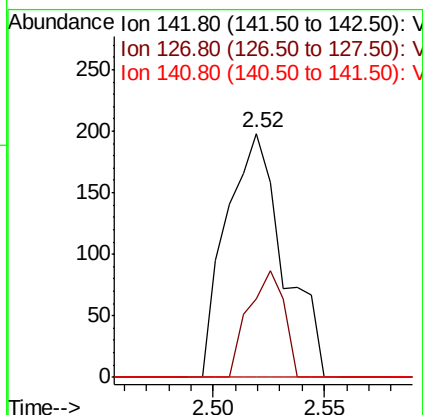
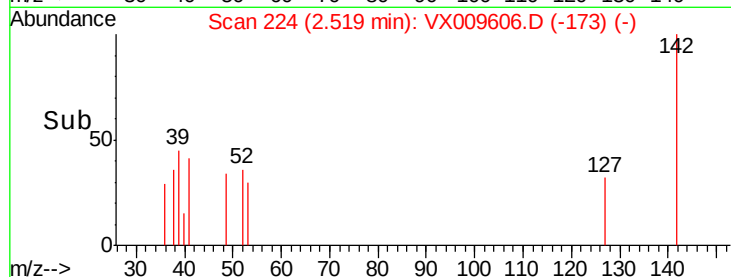
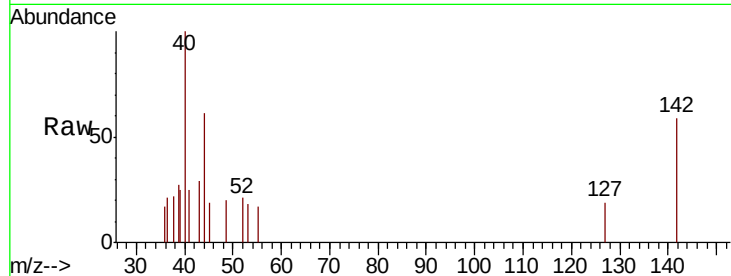




#10
Methvl Iodide
Concen: 4.762 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009606.D
Acq: 16 May 2019 14:47

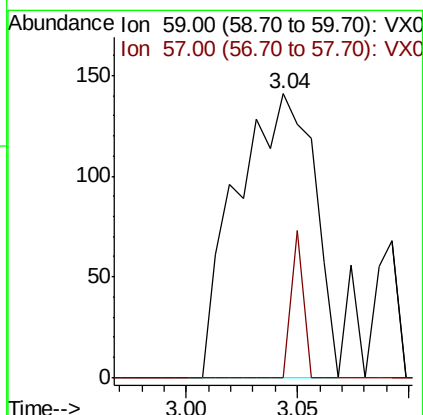
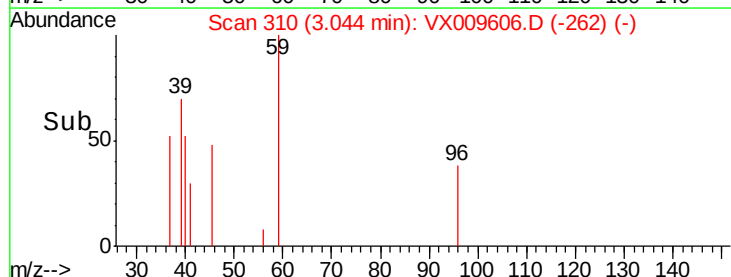
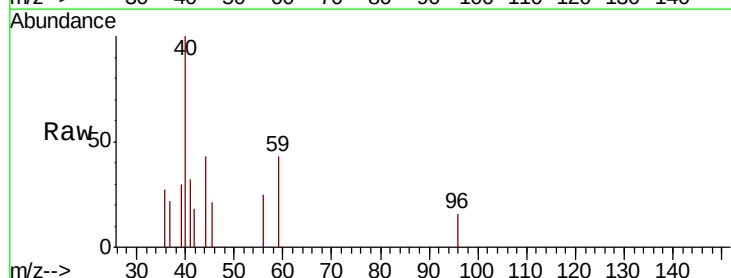
Instrument :
MSVOA_X
ClientSampled :
PB119766TB

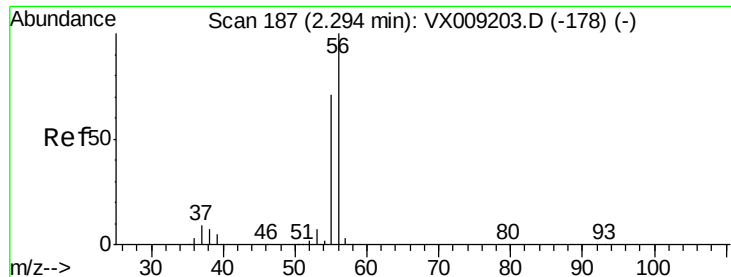
Tot Ion:142 Resp: 355
Ion Ratio Lower Upper
142 100
127 27.3 32.7 49.1#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.614 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009606.D
Acq: 16 May 2019 14:47

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 7.9 8.2 12.2#





#13

Acrolein

Concen: 0.354 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

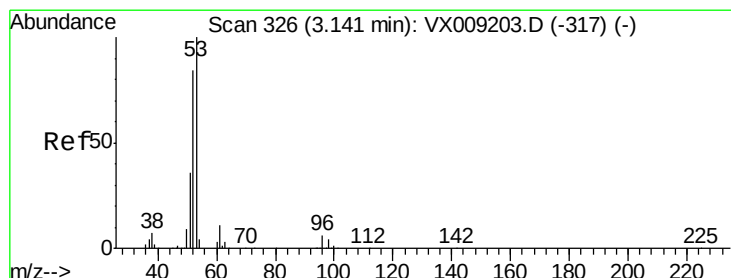
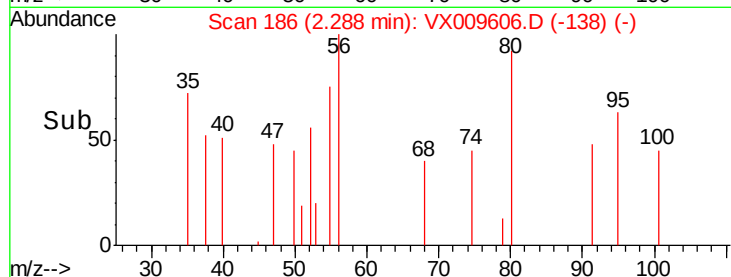
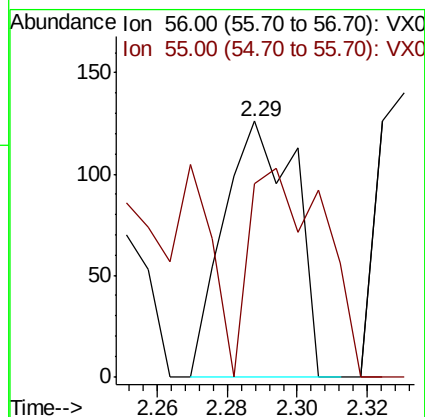
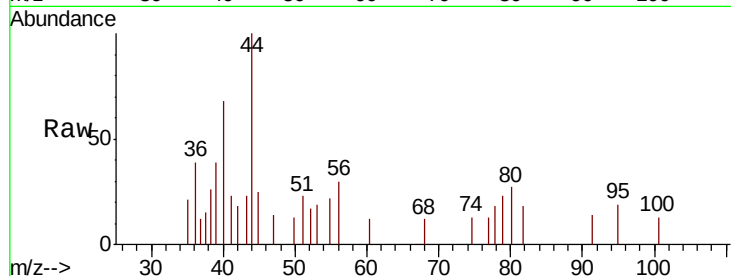
PB119766TB

Tot Ion: 56 Resp: 178

Ion Ratio Lower Upper

56 100

55 86.0 56.6 85.0#



#15

Acrylonitrile

Concen: 0.354 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

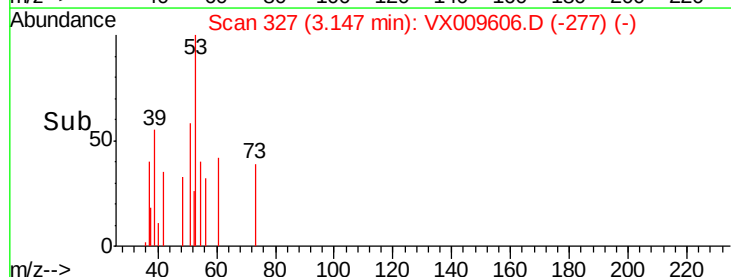
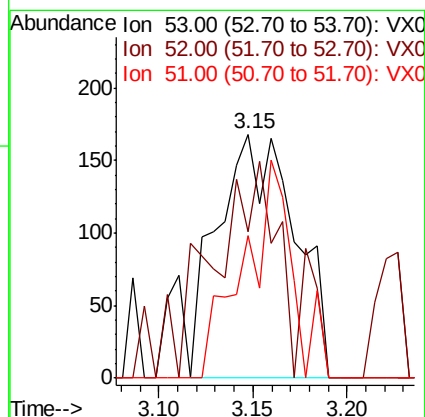
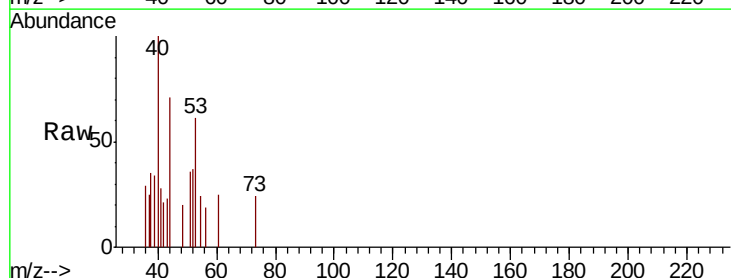
Tgt Ion: 53 Resp: 480

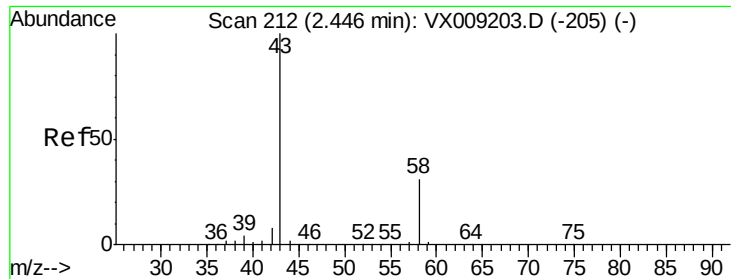
Ion Ratio Lower Upper

53 100

52 44.8 66.9 100.3#

51 55.8 28.2 42.2#





#16

Acetone

Concen: 11.945 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

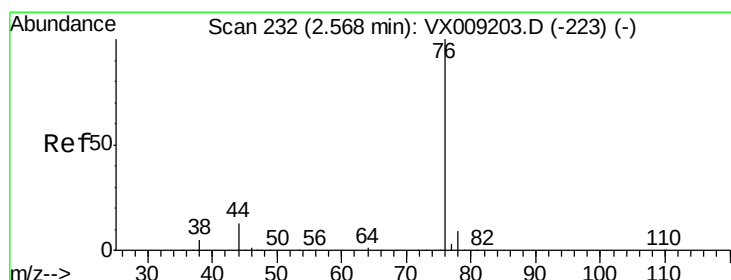
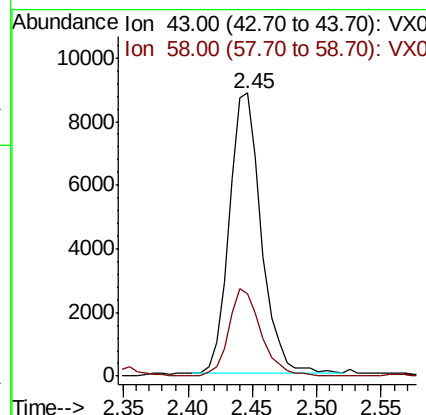
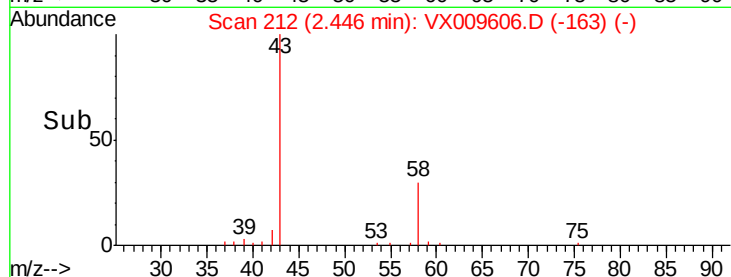
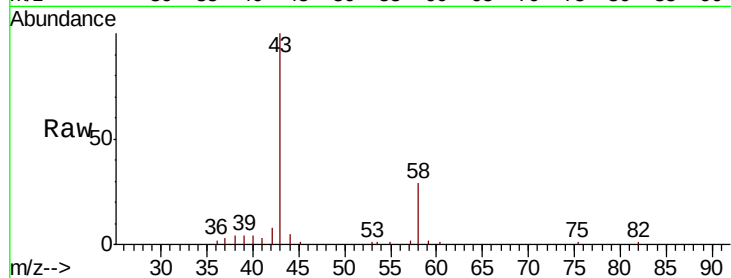
PB119766TB

Tot Ion: 43 Resp: 15385

Ion Ratio Lower Upper

43 100

58 29.6 24.9 37.3



#17

Carbon Disulfide

Concen: 0.215 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009606.D

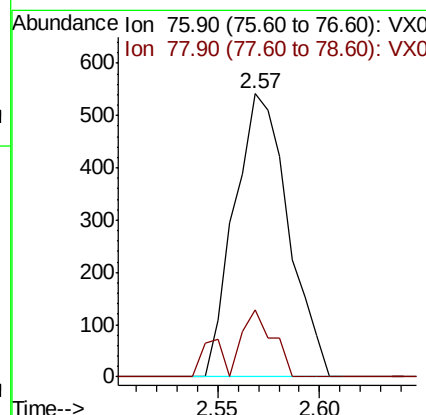
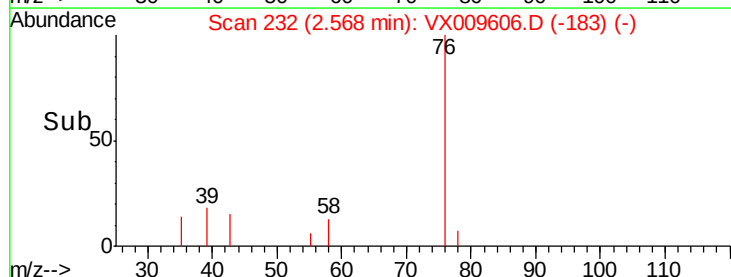
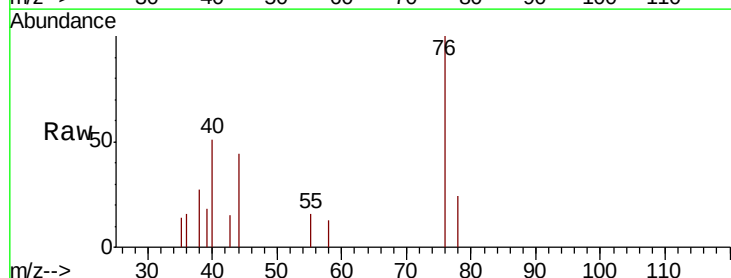
Acq: 16 May 2019 14:47

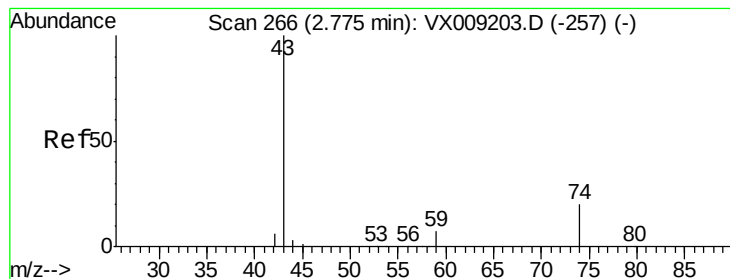
Tgt Ion: 76 Resp: 997

Ion Ratio Lower Upper

76 100

78 23.6 7.4 11.0#





#18

Methyl Acetate

Concen: 0.510 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

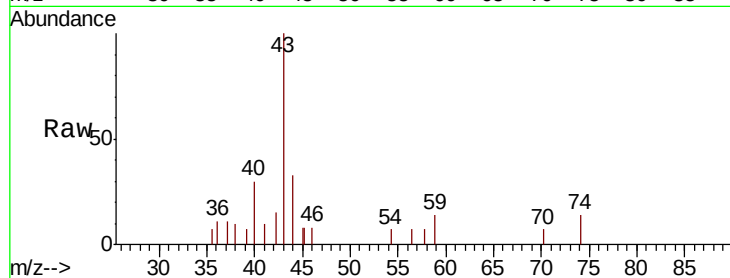
PB119766TB

Tot Ion: 43 Resp: 1562

Ion Ratio Lower Upper

43 100

74 21.1 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

800

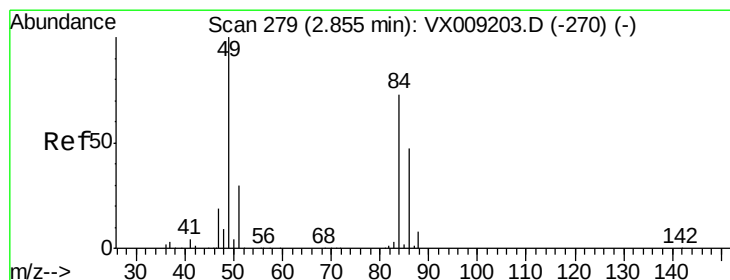
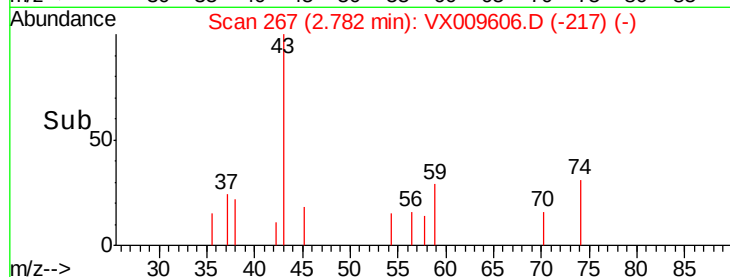
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 0.800 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

Tgt Ion: 84 Resp: 1668

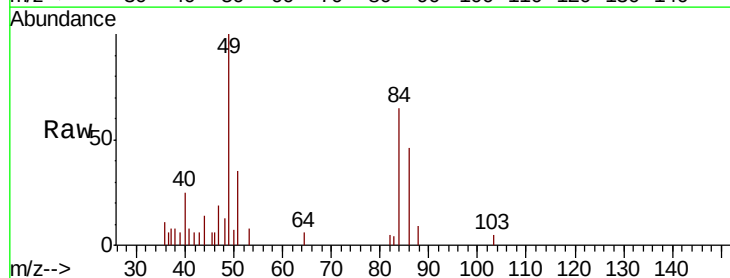
Ion Ratio Lower Upper

84 100

49 153.9 109.9 164.9

51 53.4 32.7 49.1#

86 71.4 52.0 78.0



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

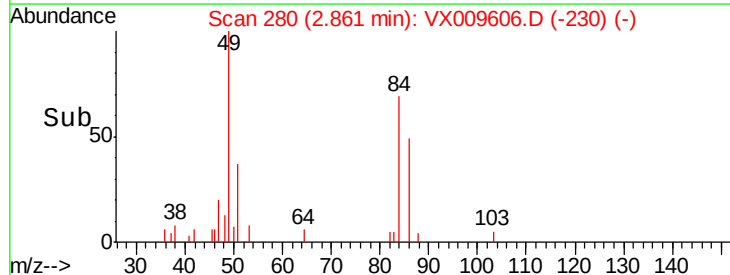
1500

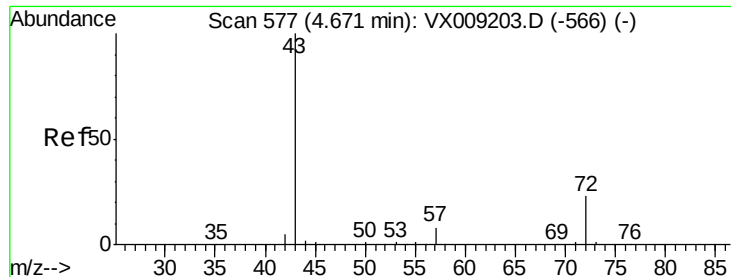
1000

500

0

Time-->





#25

2-Butanone

Concen: 1.547 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

Instrument :

MSVOA_X

ClientSampled :

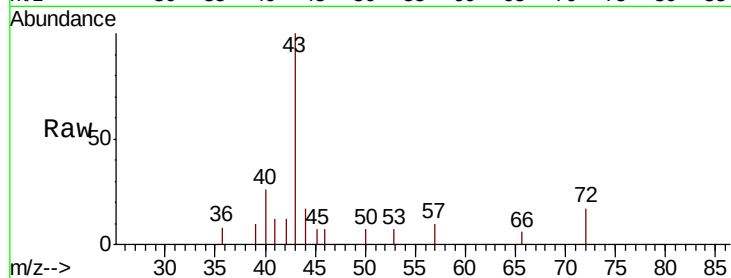
PB119766TB

Tot Ion: 43 Resp: 3097

Ion Ratio Lower Upper

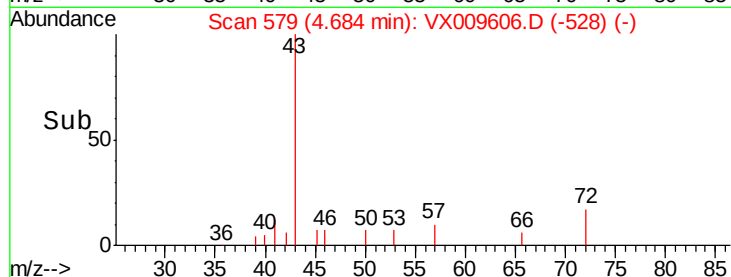
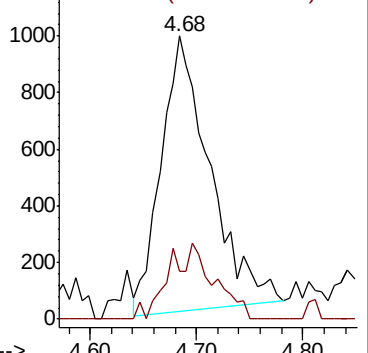
43 100

72 18.1 18.2 27.2#

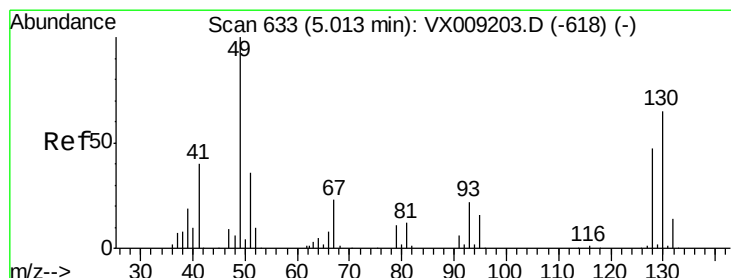


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 4.99 min Scan# 630

Delta R.T. -0.02 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

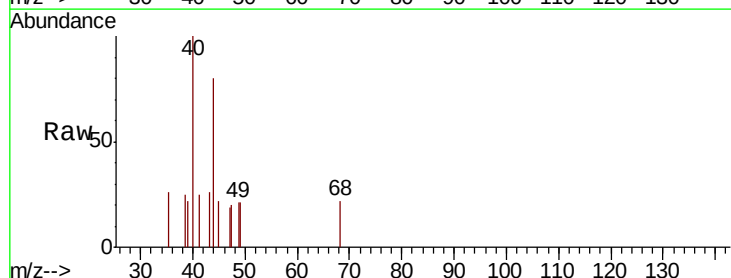
Tgt Ion: 49 Resp: 144

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

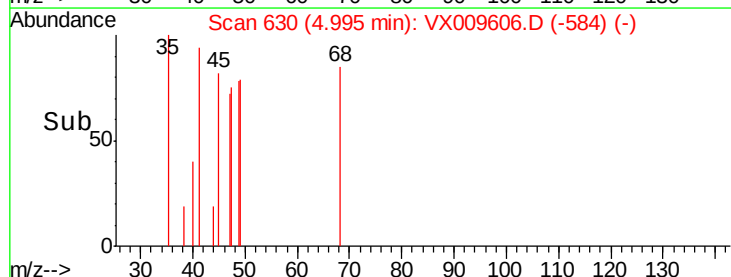
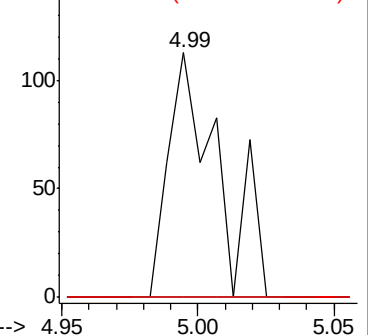
130 0.0 51.2 76.8#



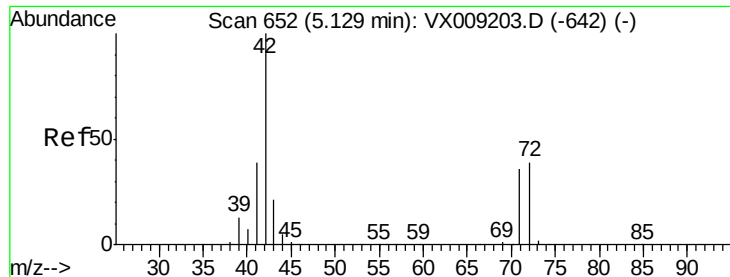
Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->



#29

Tetrahydrofuran

Concen: 1.533 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.02 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

PB119766TB

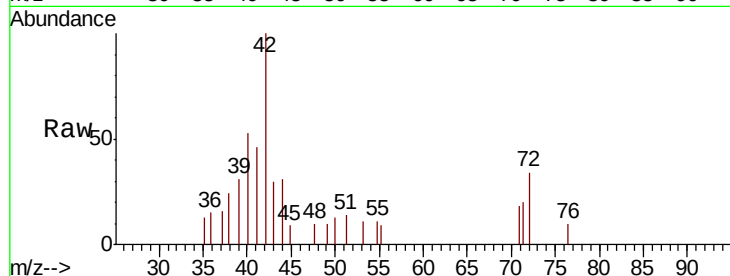
Tot Ion: 42 Resp: 1974

Ion Ratio Lower Upper

42 100

72 31.0 30.4 45.6

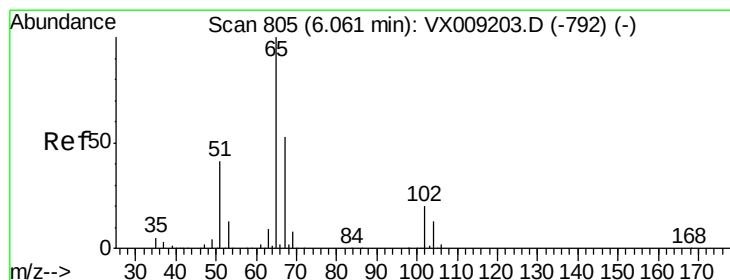
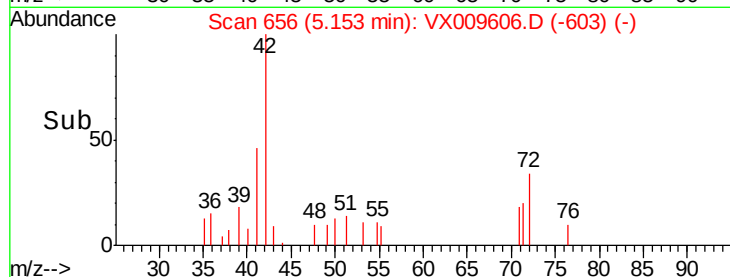
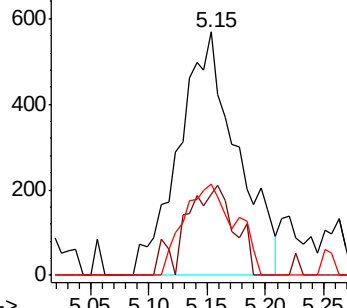
71 33.5 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.886 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009606.D

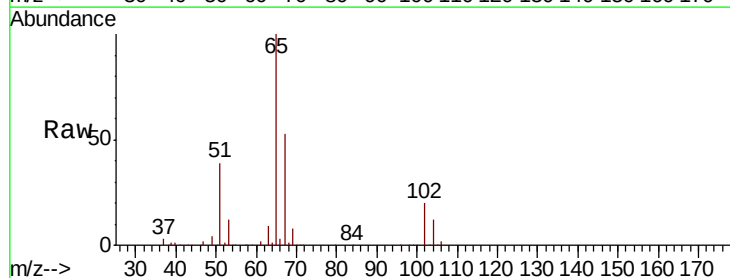
Acq: 16 May 2019 14:47

Tgt Ion: 65 Resp: 117262

Ion Ratio Lower Upper

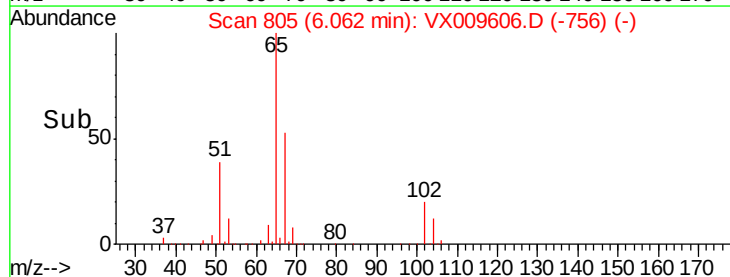
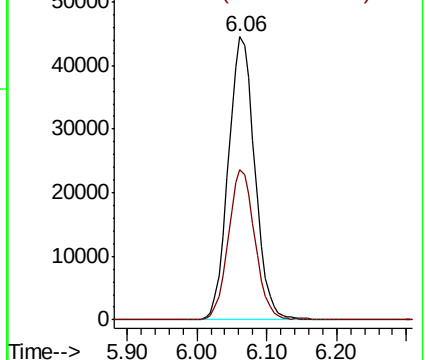
65 100

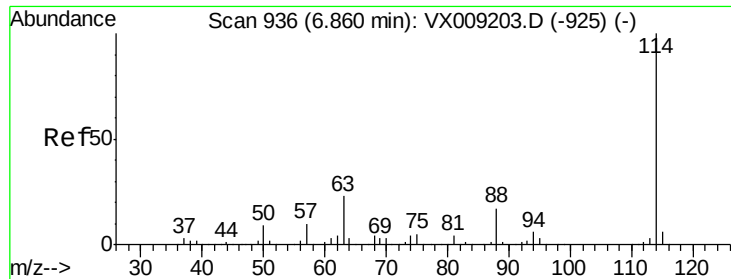
67 53.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

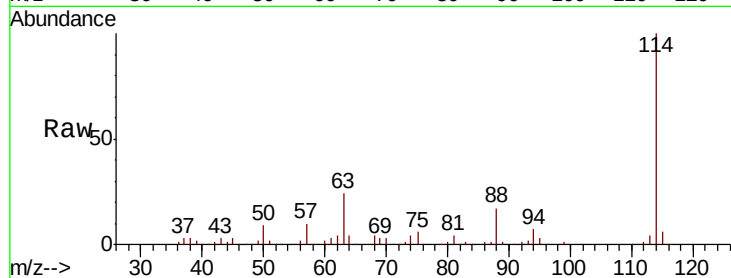




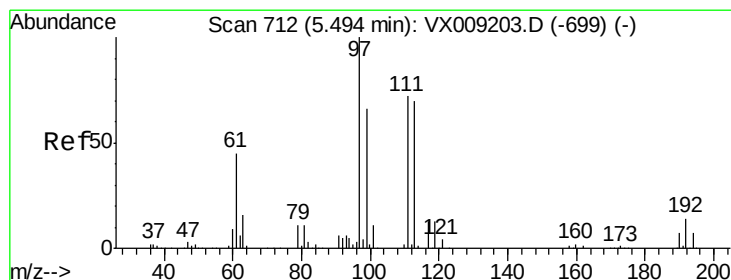
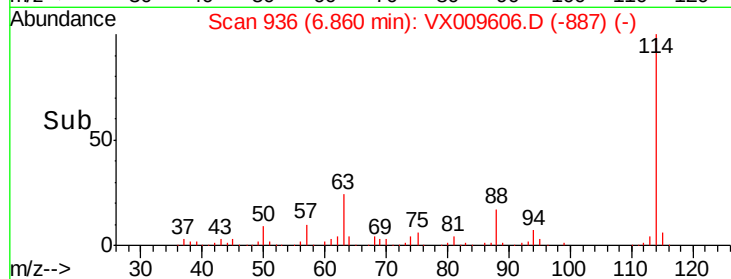
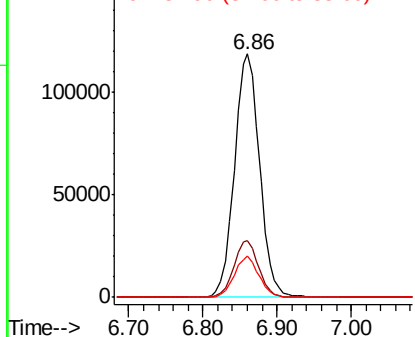
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009606.D
 Acq: 16 May 2019 14:47

Instrument :
 MSVOA_X
 ClientSampleId :
 PB119766TB

Tot Ion:114 Resp: 281803
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.6
 88 16.8 0.0 33.2

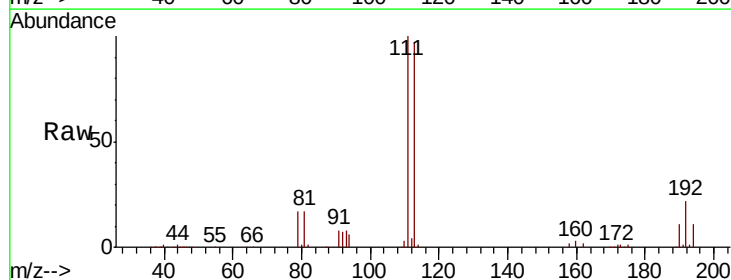


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

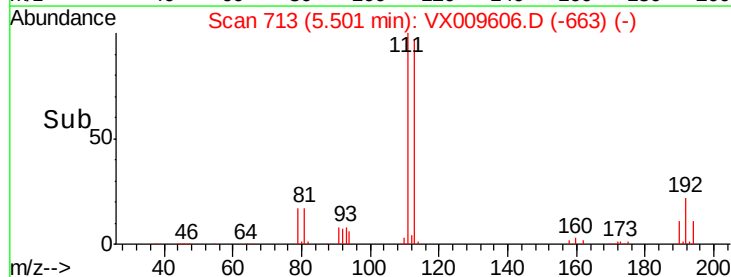
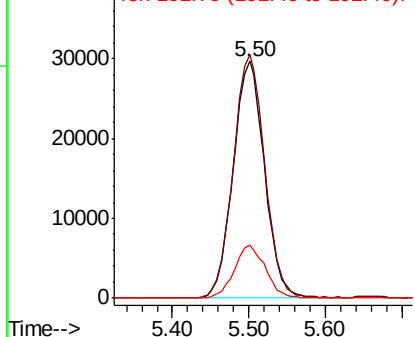


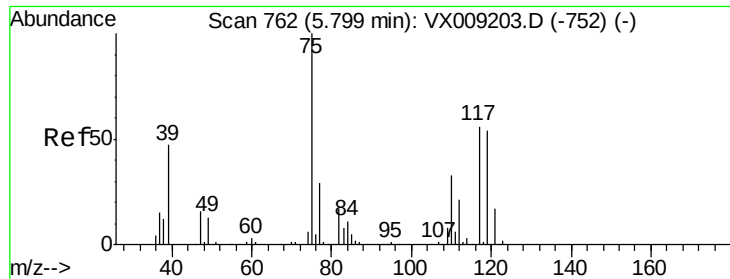
#35
 Dibromofluoromethane
 Concen: 47.659 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009606.D
 Acq: 16 May 2019 14:47

Tgt Ion:113 Resp: 84429
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 22.0 17.0 25.6



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

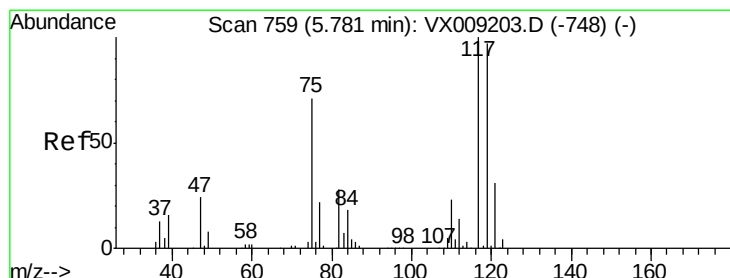
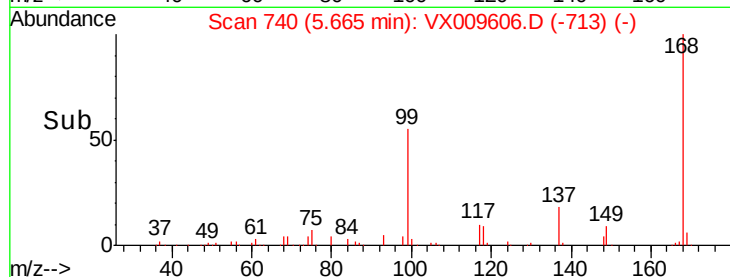
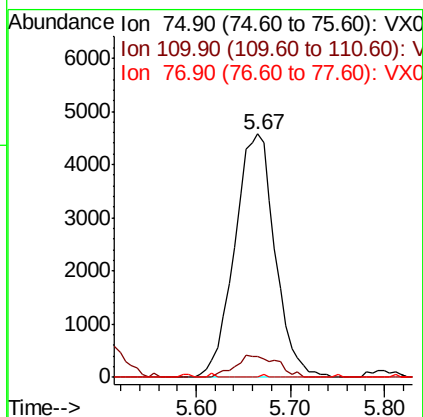
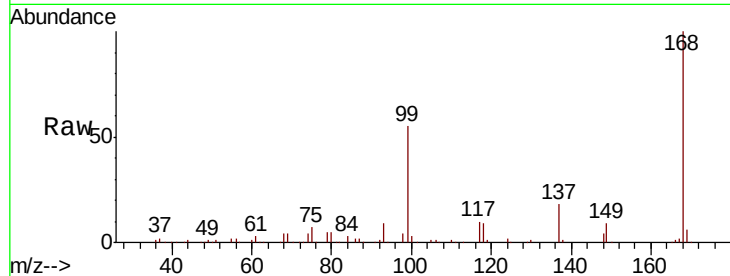




#36
 1,1-Dichloropropene
 Concen: 5.216 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX009606.D
 Acq: 16 May 2019 14:47

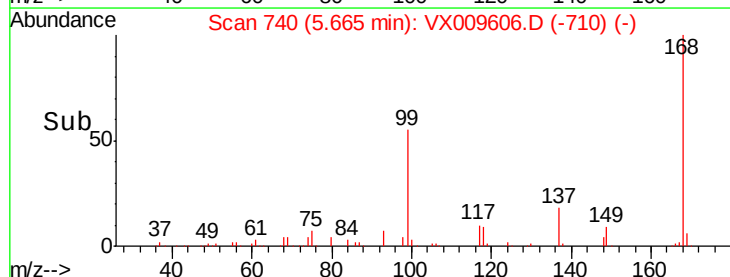
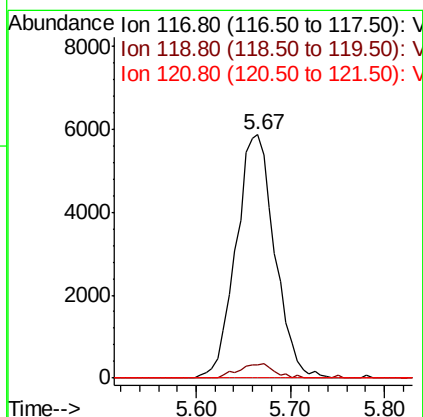
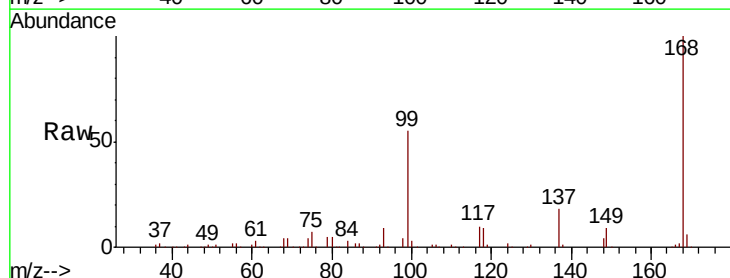
Instrument :
 MSVOA_X
 ClientSampleId :
 PB119766TB

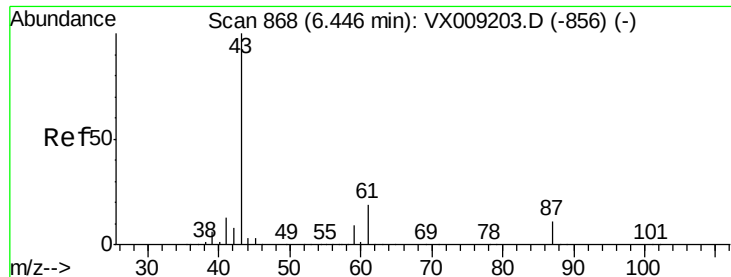
Tot Ion	75	Resp	13660
Ion Ratio	Lower	Upper	
75	100		
110	9.5	16.9	50.6#
77	0.1	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.080 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX009606.D
 Acq: 16 May 2019 14:47

Tgt Ion	117	Resp	16845
Ion Ratio	Lower	Upper	
117	100		
119	5.3	77.5	116.3#
121	0.0	24.7	37.1#





#43

Isopropyl Acetate

Concen: 2.214 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

PB119766TB

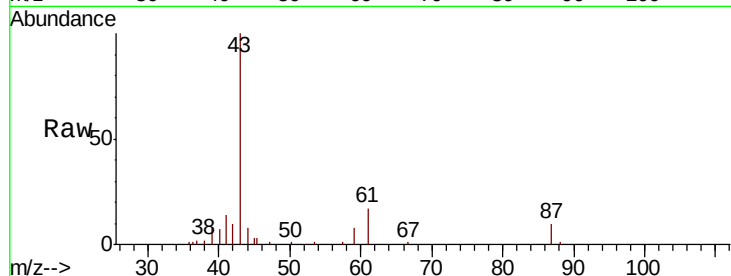
Tot Ion: 43 Resp: 12923

Ion Ratio Lower Upper

43 100

61 19.5 15.1 22.7

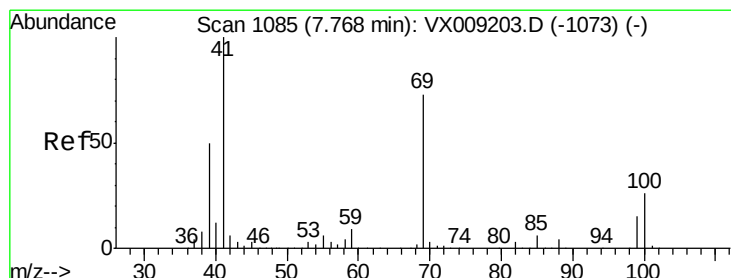
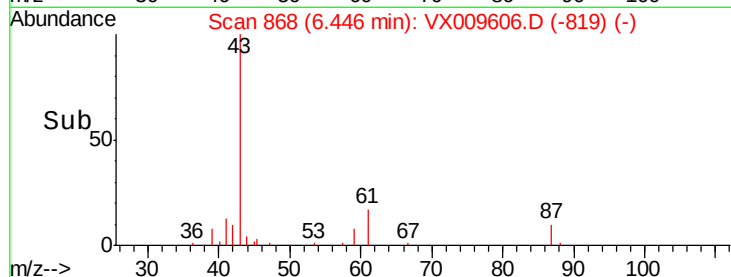
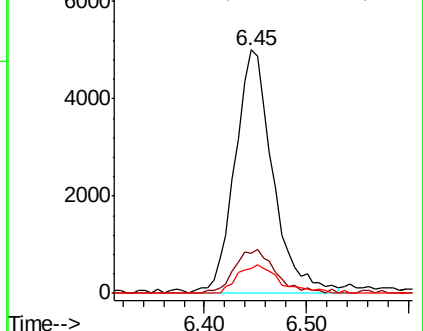
87 12.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 2.631 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

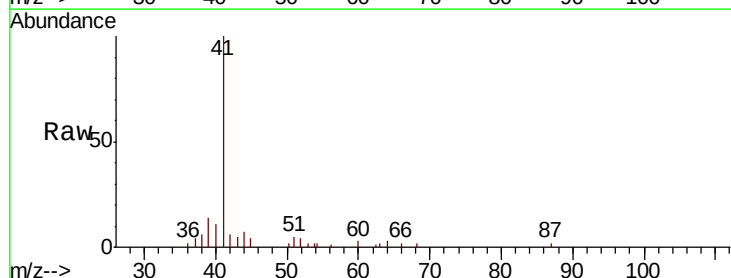
Tgt Ion: 41 Resp: 7619

Ion Ratio Lower Upper

41 100

69 0.0 59.1 88.7#

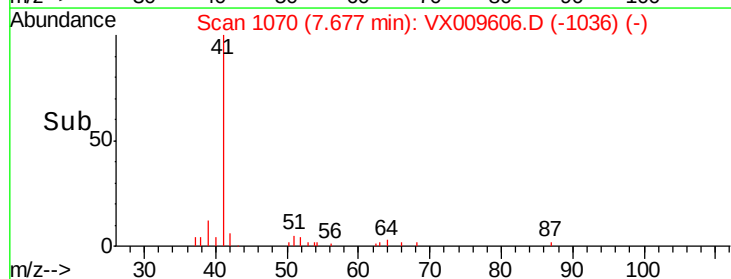
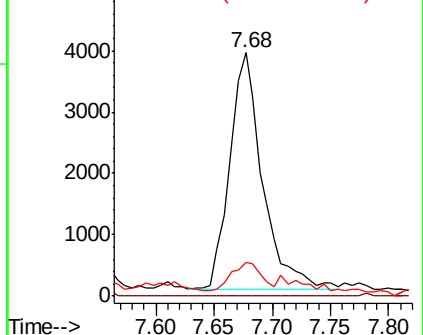
39 0.0 40.4 60.6#

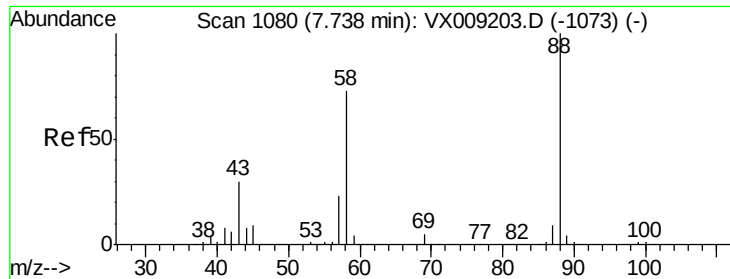


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 3.900 ug/l

RT: 7.87 min Scan# 1102

Delta R.T. 0.13 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

PB119766TB

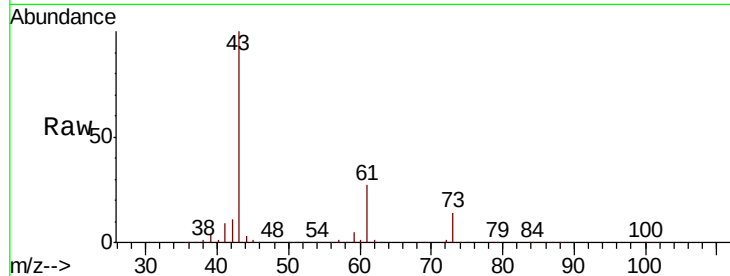
Tot Ion: 88 Resp: 229

Ion Ratio Lower Upper

88 100

43 551381.2 28.6 42.8#

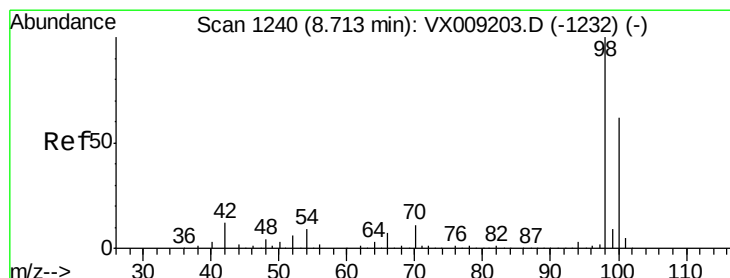
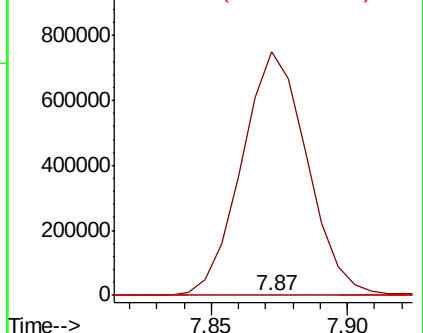
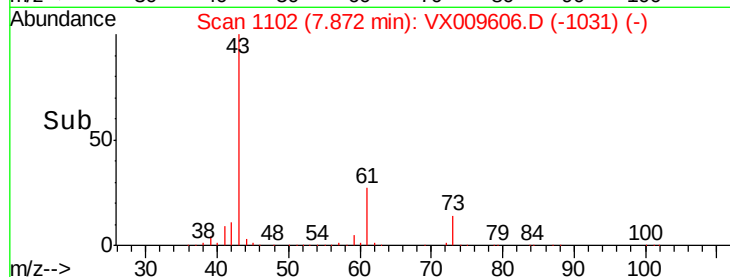
58 2184.7 61.7 92.5#



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: 49.560 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009606.D

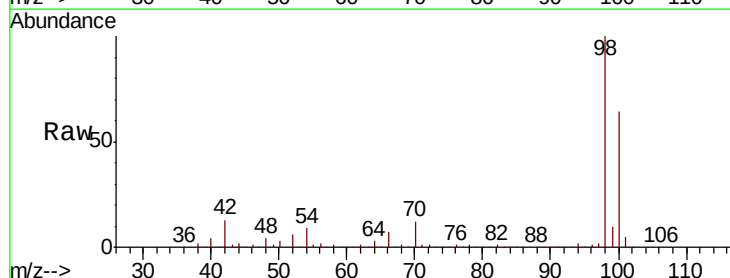
Acq: 16 May 2019 14:47

Tgt Ion: 98 Resp: 354459

Ion Ratio Lower Upper

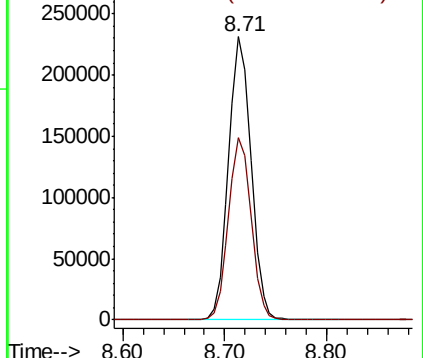
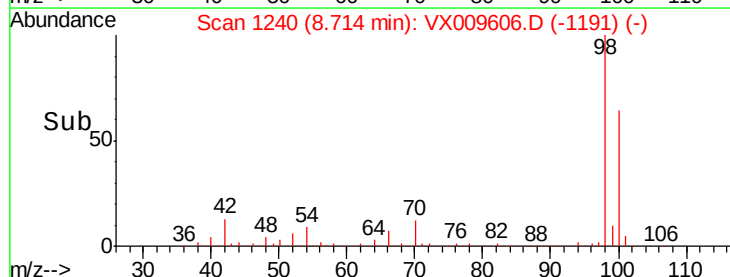
98 100

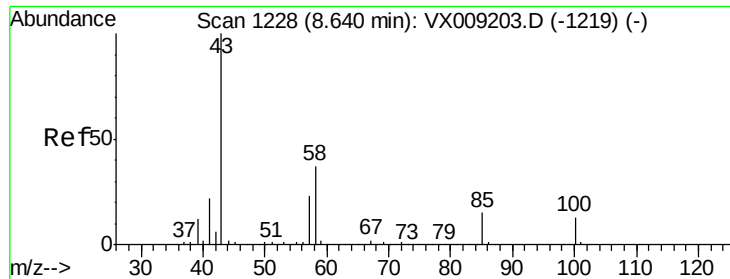
100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

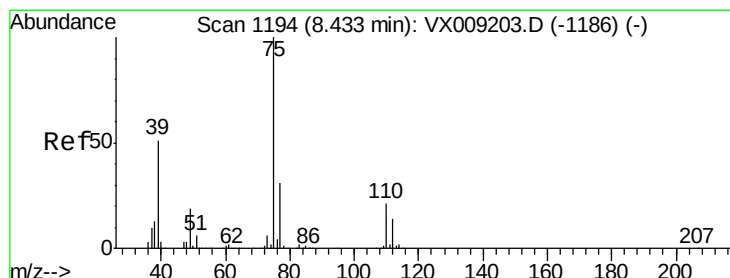
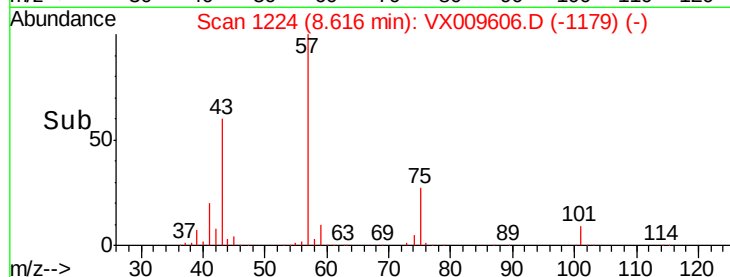
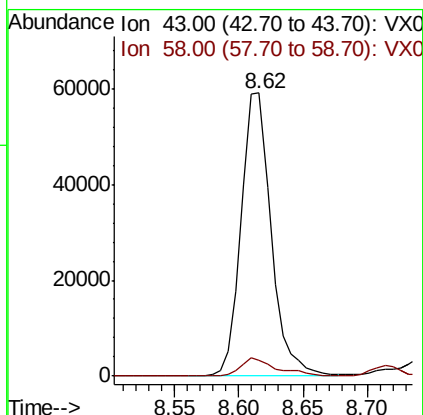
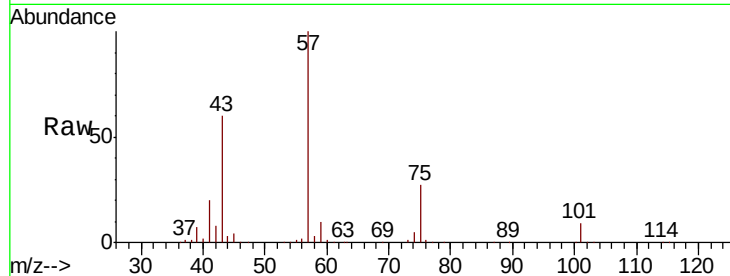




#51
 4-Methyl-2-Pentanone
 Concen: 24.897 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: VX009606.D
 Acq: 16 May 2019 14:47

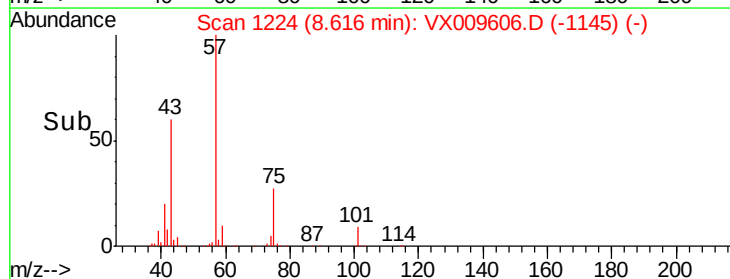
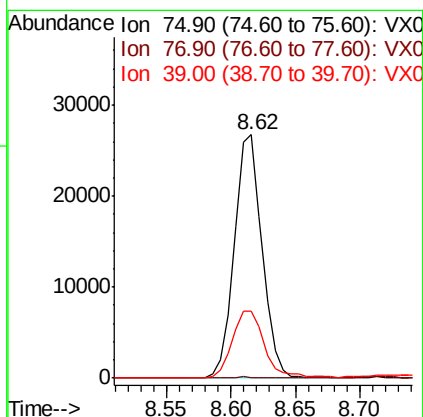
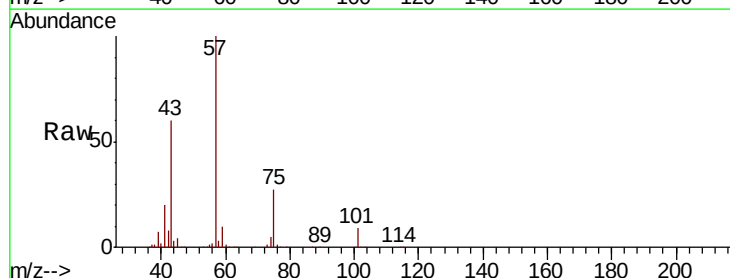
Instrument :
 MSVOA_X
 ClientSampleId :
 PB119766TB

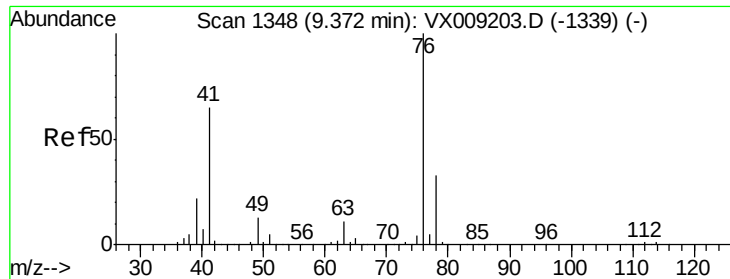
Tot Ion: 43 Resp: 94977
 Ion Ratio Lower Upper
 43 100
 58 7.7 29.5 44.3#



#54
 cis-1,3-Dichloropropene
 Concen: 12.096 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX009606.D
 Acq: 16 May 2019 14:47

Tgt Ion: 75 Resp: 40184
 Ion Ratio Lower Upper
 75 100
 77 0.4 24.6 36.8#
 39 27.1 40.6 60.8#

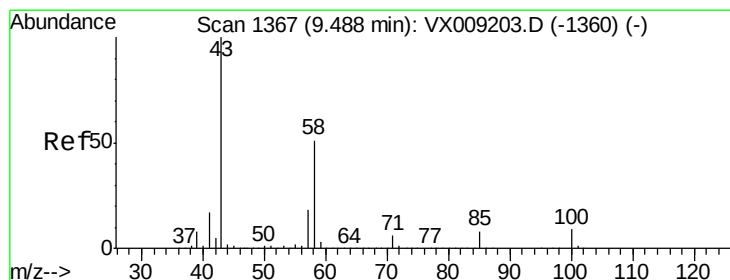
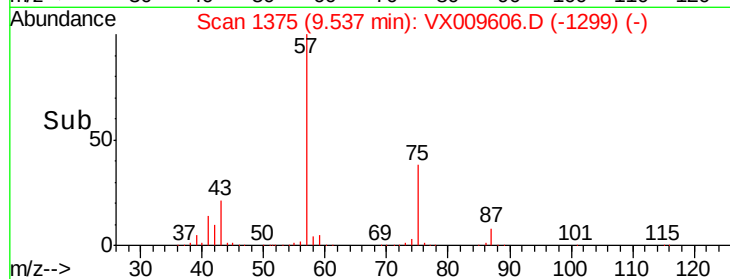
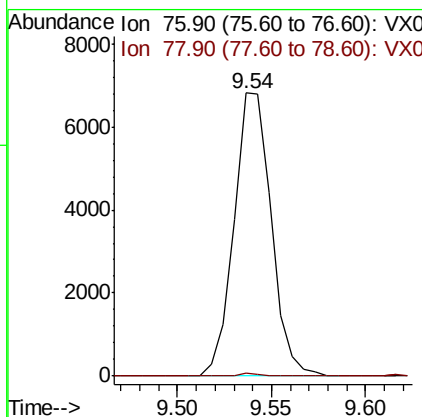
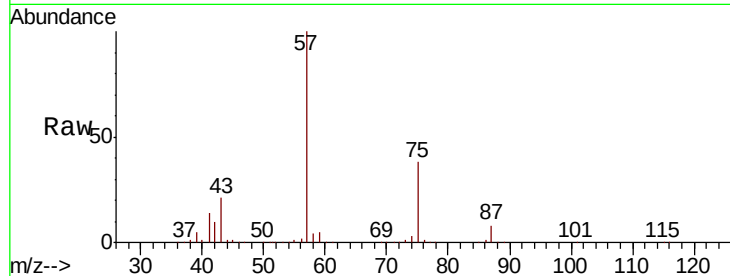




#57
 1,3-Dichloropropane
 Concen: 2.639 ug/l
 RT: 9.54 min Scan# 1375
 Delta R.T. 0.16 min
 Lab File: VX009606.D
 Acq: 16 May 2019 14:47

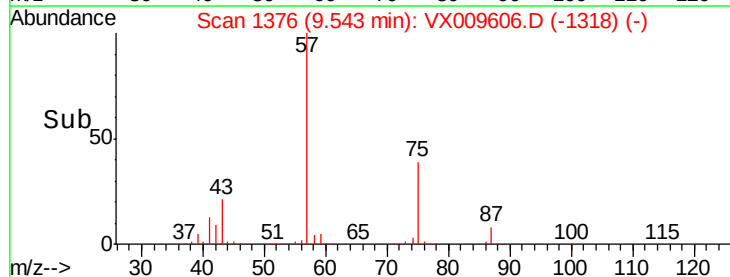
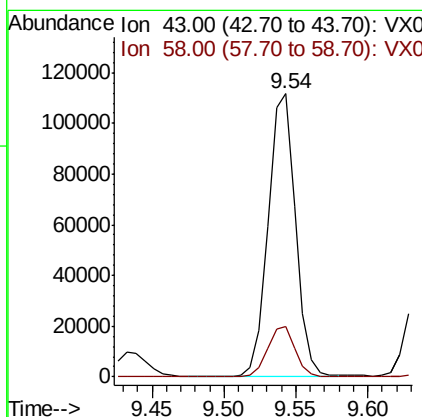
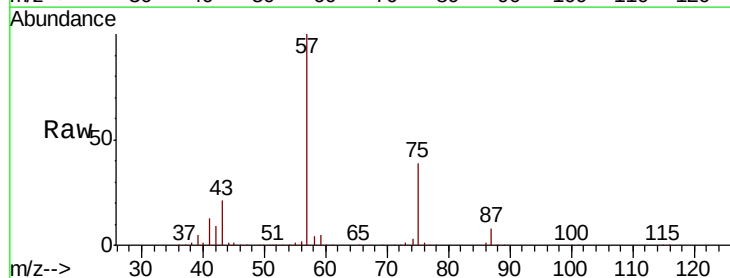
Instrument :
 MSVOA_X
 ClientSampleId :
 PB119766TB

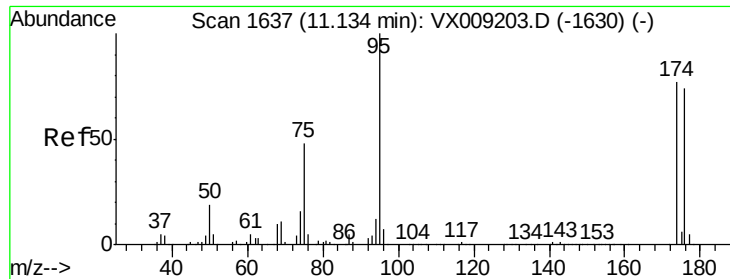
Tot Ion: 76 Resp: 9333
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.5 38.3#



#59
 2-Hexanone
 Concen: 48.956 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VX009606.D
 Acq: 16 May 2019 14:47

Tgt Ion: 43 Resp: 146678
 Ion Ratio Lower Upper
 43 100
 58 18.1 25.9 77.7#





#62

4-Bromofluorobenzene

Concen: 45.460 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

PB119766TB

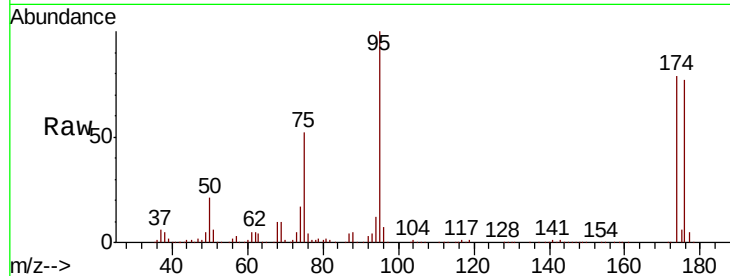
Tot Ion: 95 Resp: 118142

Ion Ratio Lower Upper

95 100

174 83.5 0.0 161.6

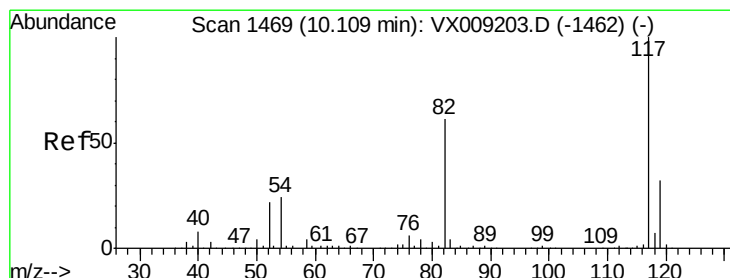
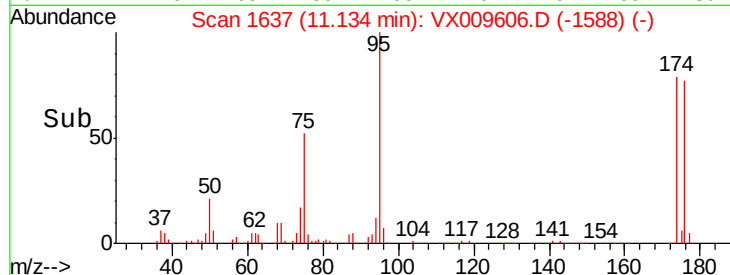
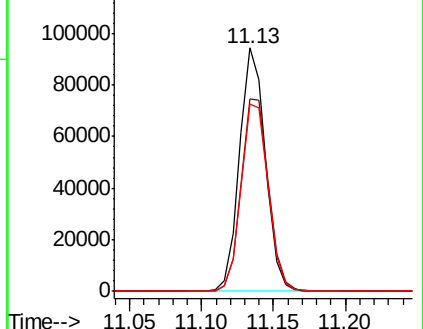
176 80.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009606.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009606.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009606.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

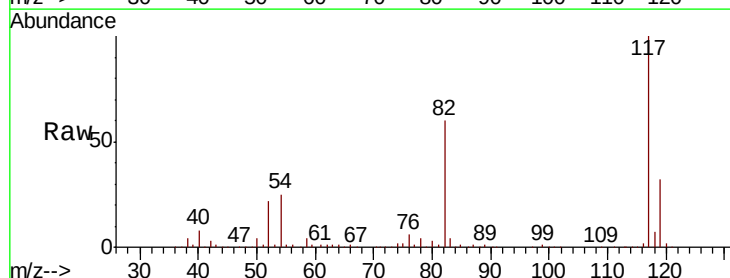
Tgt Ion: 117 Resp: 251500

Ion Ratio Lower Upper

117 100

82 60.3 48.8 73.2

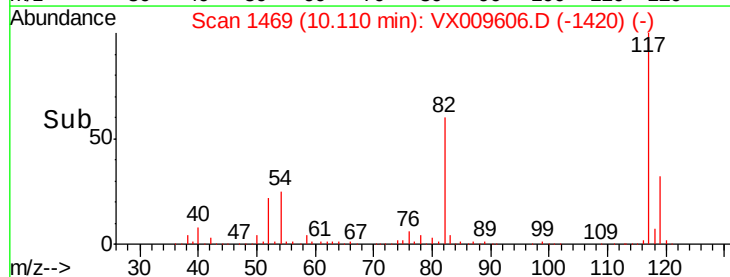
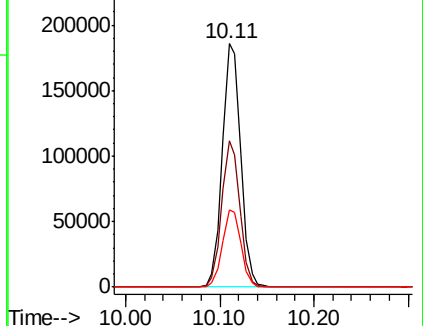
119 31.6 25.8 38.6

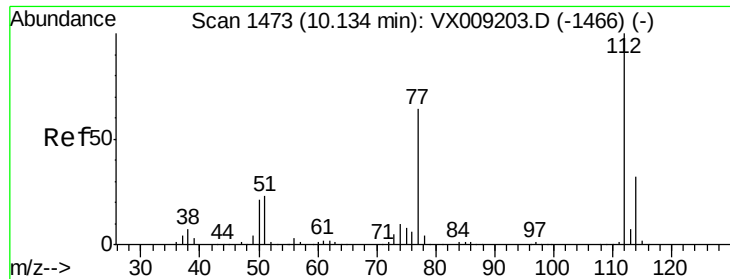


Abundance Ion 116.90 (116.60 to 117.60): VX009606.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009606.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009606.D (-1420) (-)

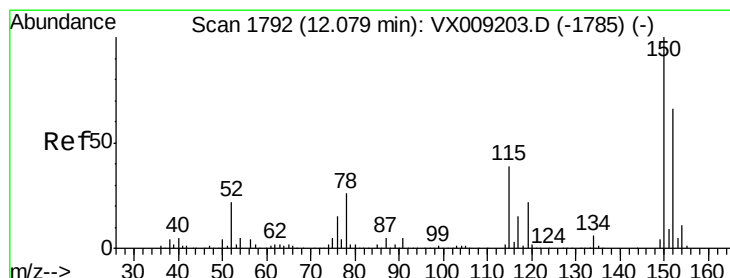
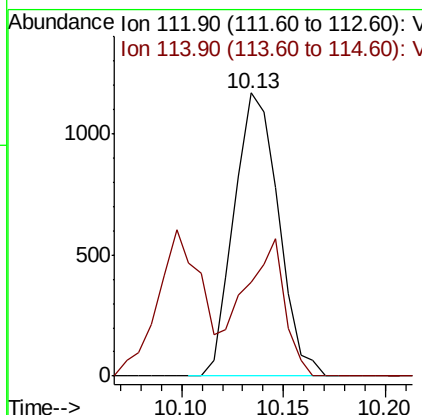
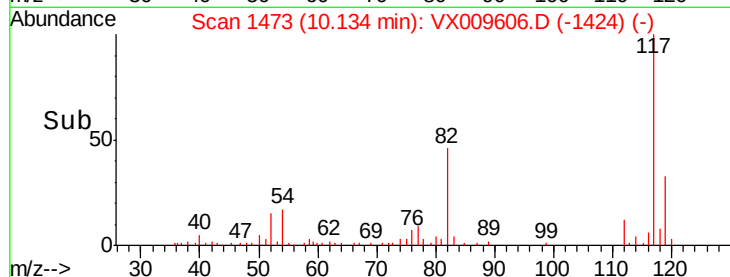
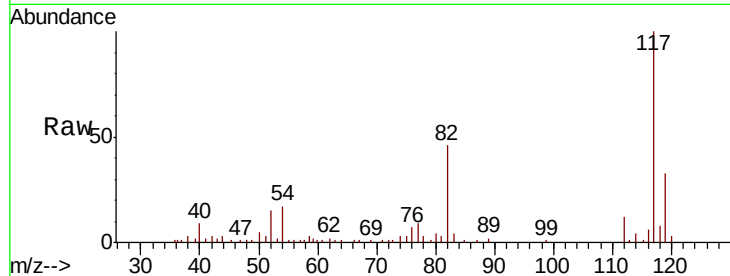




#65
Chlorobenzene
Concen: 0.352 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009606.D
Acq: 16 May 2019 14:47

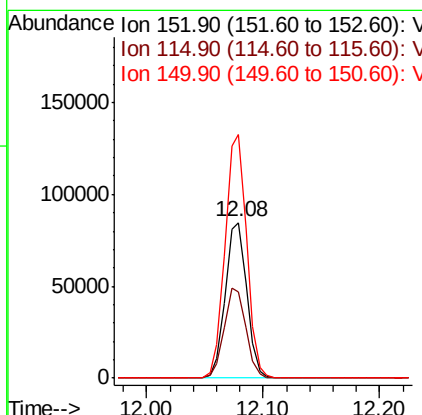
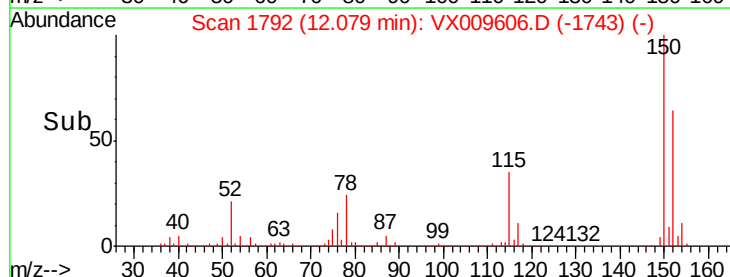
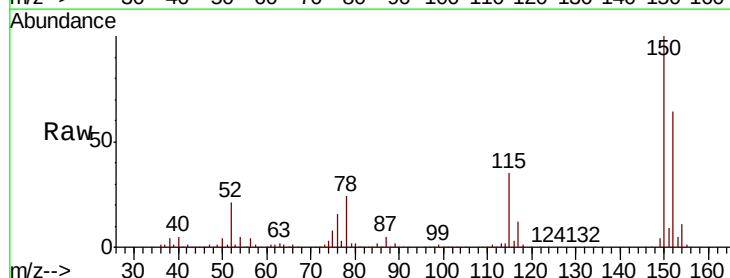
Instrument :
MSVOA_X
ClientSampled :
PB119766TB

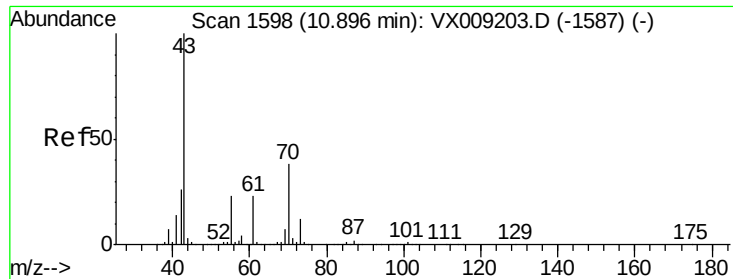
Tot Ion:112 Resp: 1770
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009606.D
Acq: 16 May 2019 14:47

Tgt Ion:152 Resp: 108282
Ion Ratio Lower Upper
152 100
115 58.2 41.2 123.6
150 157.1 0.0 346.4





#74

N-amvl acetate

Concen: 3.566 ug/l

RT: 10.69 min Scan# 1564

Delta R.T. -0.21 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

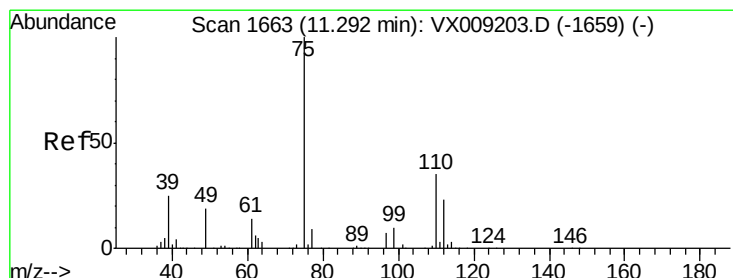
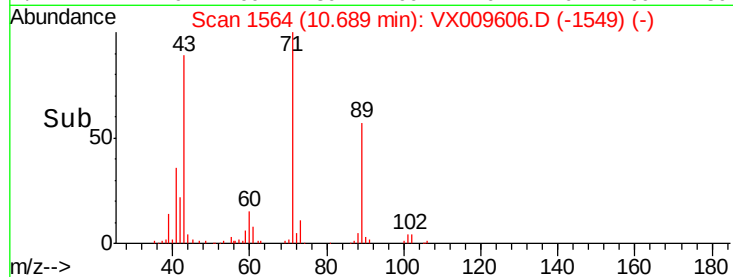
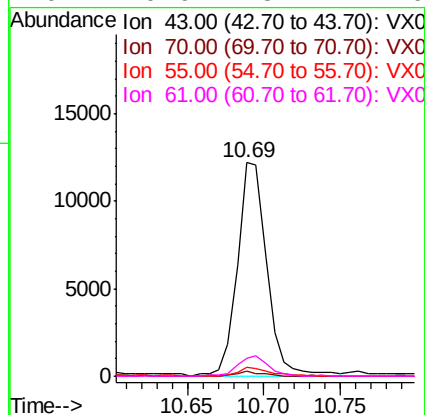
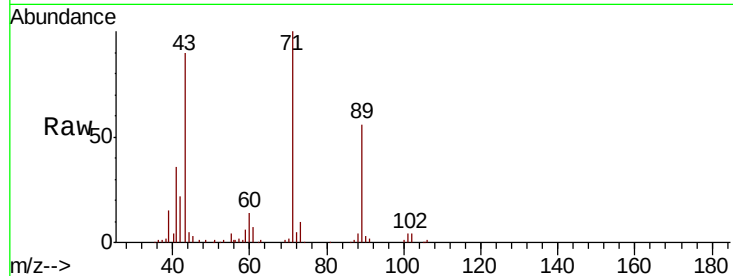
Instrument :

MSVOA_X

ClientSampleId :

PB119766TB

Tot Ion:	43	Resp:	16370
Ion	Ratio	Lower	Upper
43	100		
70	2.1	30.0	45.0#
55	4.5	17.9	26.9#
61	9.6	18.4	27.6#



#76

1,2,3-Trichloropropane

Concen: 24.315 ug/l

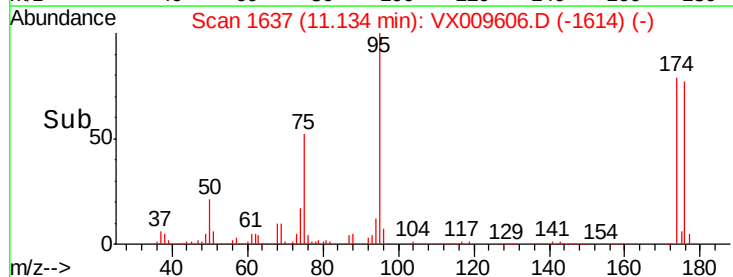
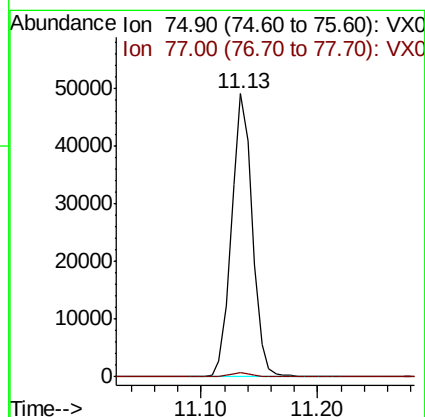
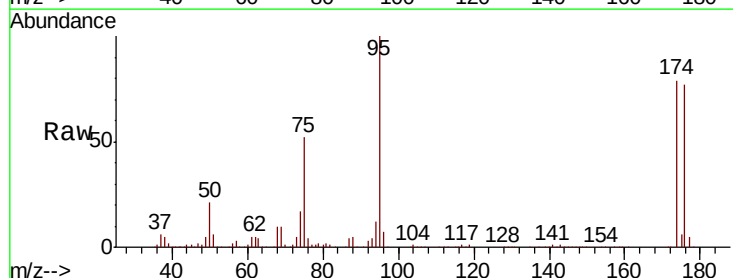
RT: 11.13 min Scan# 1637

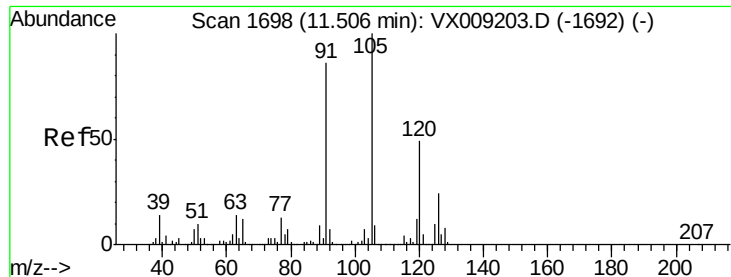
Delta R.T. -0.16 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

Tgt Ion:	75	Resp:	61073
Ion	Ratio	Lower	Upper
75	100		
77	1.7	22.1	66.1#





#80

1,3,5-Trimethylbenzene

Concen: 1.049 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

Instrument :

MSVOA_X

ClientSampled :

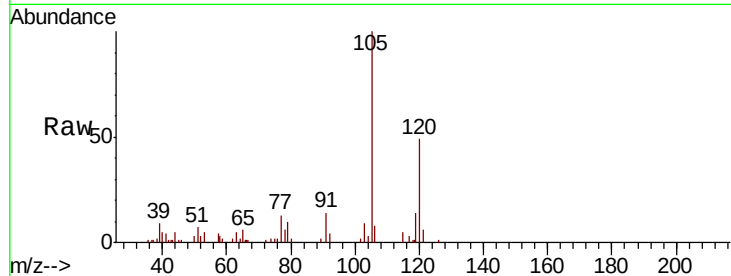
PB119766TB

Tot Ion:105 Resp: 6952

Ion Ratio Lower Upper

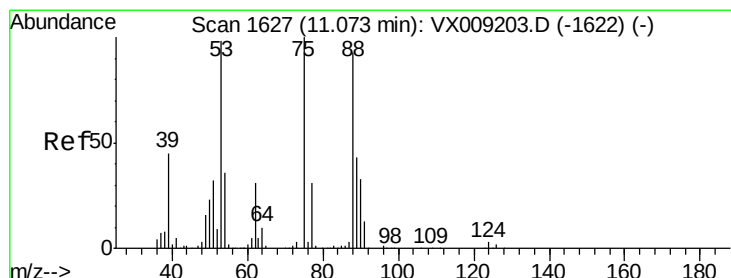
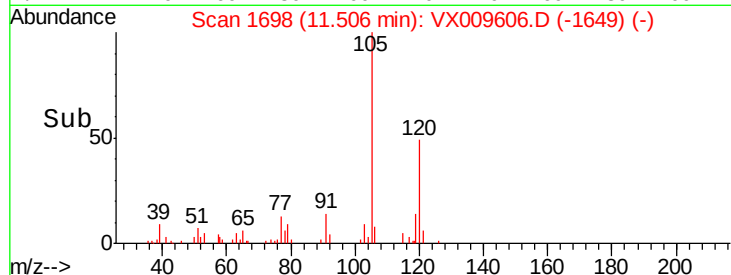
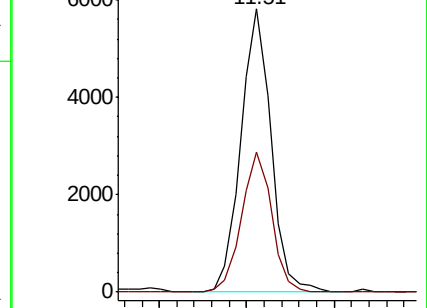
105 100

120 49.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 62.213 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

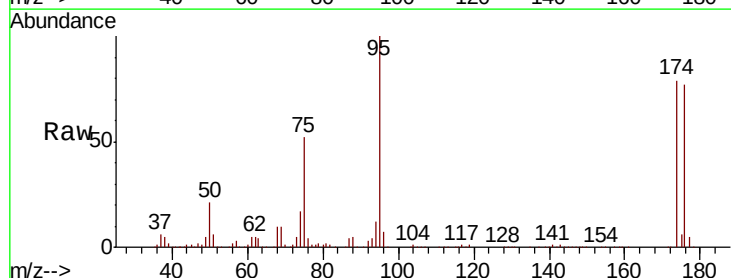
Tgt Ion: 75 Resp: 61073

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

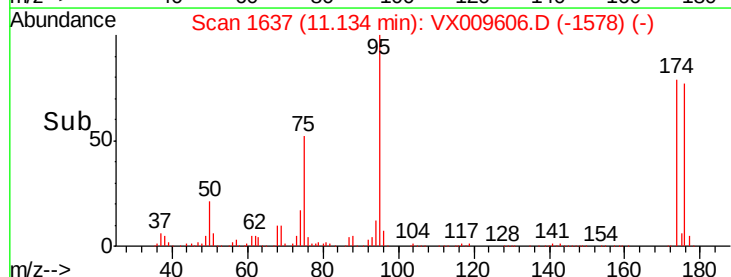
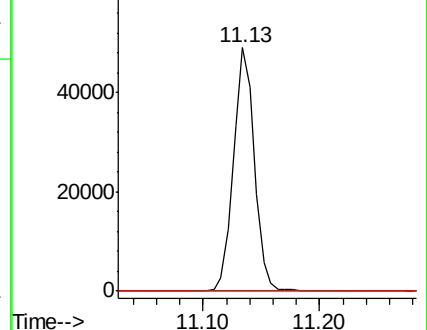
89 0.1 34.7 52.1#

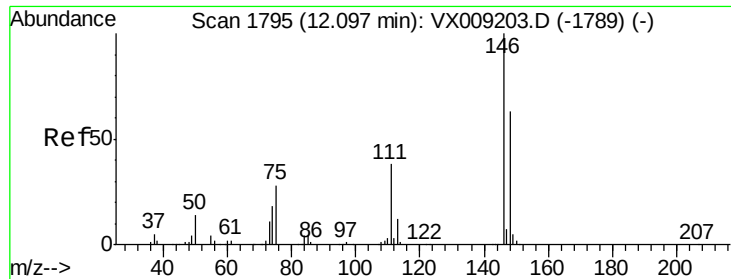


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#88

1,4-Dichlorobenzene

Concen: 0.207 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

Instrument :

MSVOA_X

ClientSampled :

PB119766TB

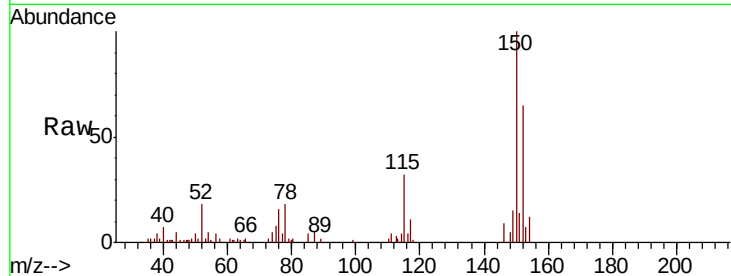
Tot Ion:146 Resp: 728

Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.8#

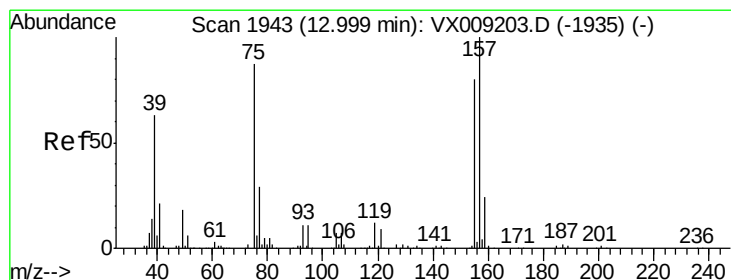
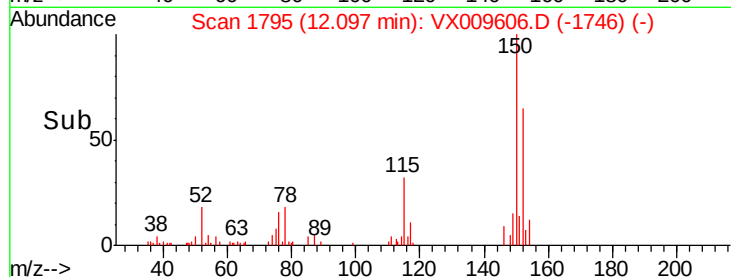
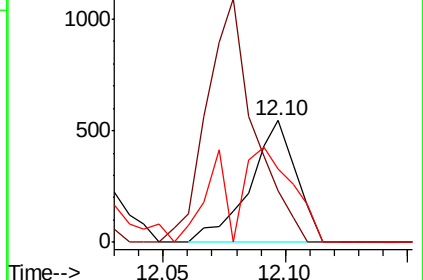
148 77.9 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.536 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX009606.D

Acq: 16 May 2019 14:47

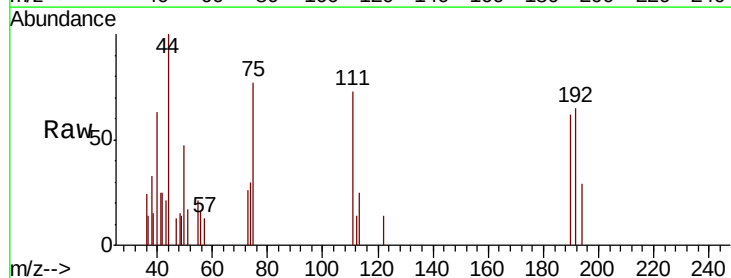
Tgt Ion: 75 Resp: 353

Ion Ratio Lower Upper

75 100

155 0.0 42.0 126.0#

157 0.0 53.2 159.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

