

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
 Data File : VX004445.D
 Acq On : 10 Sep 2018 13:41
 Operator : JC/MD
 Sample : PB112704ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112704ZHE#02

Quant Time: Sep 11 01:19:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	310877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	515101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	471386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	274899	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	220414	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	
35) Dibromofluoromethane	5.50	113	195360	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
50) Toluene-d8	8.71	98	736609	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.14	95	259171	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	

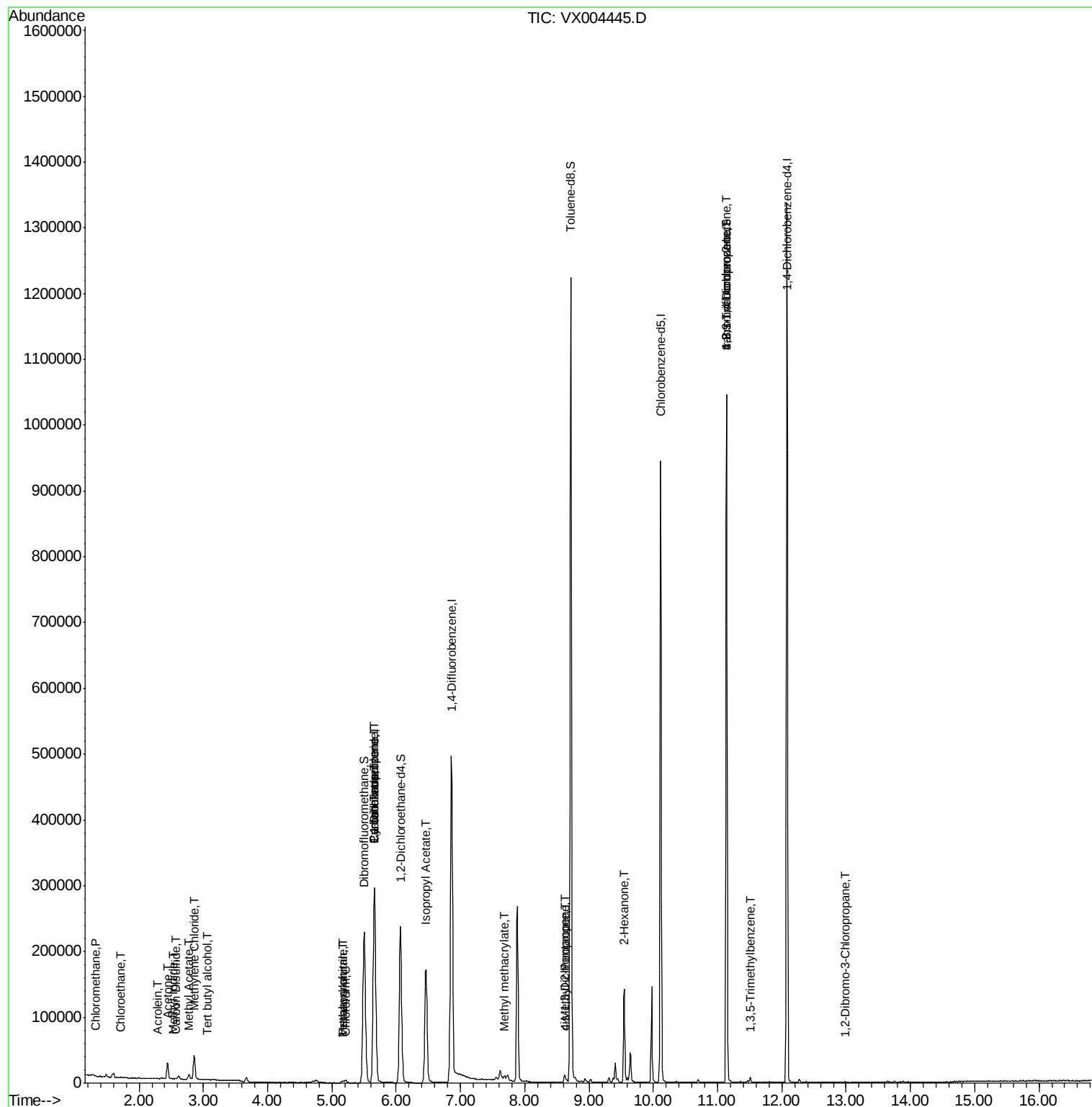
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	837	0.50	ug/l	98
5) Bromomethane	1.65	94	676	Below Cal		99
6) Chloroethane	1.71	64	1857	1.53	ug/l #	58
10) Methyl Iodide	2.53	142	474	4.37	ug/l #	82
11) Tert butyl alcohol	3.06	59	485	0.56	ug/l #	87
13) Acrolein	2.29	56	217	1.04	ug/l #	1
16) Acetone	2.44	43	26260	8.06	ug/l	100
17) Carbon Disulfide	2.57	76	718	0.88	ug/l #	76
18) Methyl Acetate	2.78	43	8930	1.49	ug/l	96
20) Methylene Chloride	2.85	84	17431	4.47	ug/l	99
25) 2-Butanone	4.70	43	3727	Below Cal		97
29) Tetrahydrofuran	5.17	42	1696	0.97	ug/l	92
30) Chloroform	5.22	83	3598	0.55	ug/l	96
31) Cyclohexane	5.66	56	5050	0.89	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	20044	3.46	ug/l #	49
38) Carbon Tetrachloride	5.67	117	26645	4.89	ug/l #	15
41) Methacrylonitrile	5.17	41	1225	0.37	ug/l #	44
43) Isopropyl Acetate	6.46	43	228435	26.10	ug/l	100
48) Methyl methacrylate	7.69	41	9230	1.97	ug/l #	20
51) 4-Methyl-2-Pentanone	8.62	43	3610	0.57	ug/l #	86
54) cis-1,3-Dichloropropene	8.62	75	1790	0.28	ug/l #	67
59) 2-Hexanone	9.55	43	16192	3.34	ug/l #	55
76) 1,2,3-Trichloropropane	11.14	75	121183	21.67	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	3250	0.22	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	121183	70.33	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	12.97	75	226	0.20	ug/l #	1
94) Hexachlorobutadiene	13.79	225	109	Below Cal	#	62

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

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ClientSampleId :
PB112704ZHE#02

Quant Time: Sep 11 01:19:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

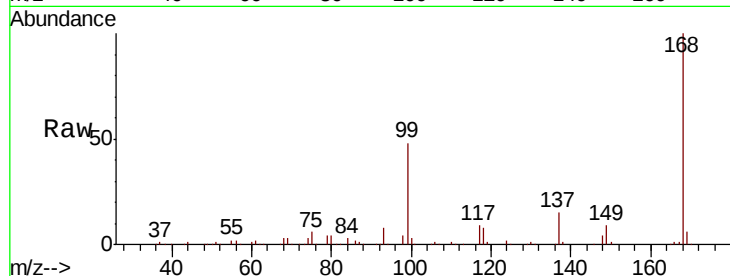
PB112704ZHE#02

Tot Ion:168 Resp: 310877

Ion Ratio Lower Upper

168 100

99 48.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

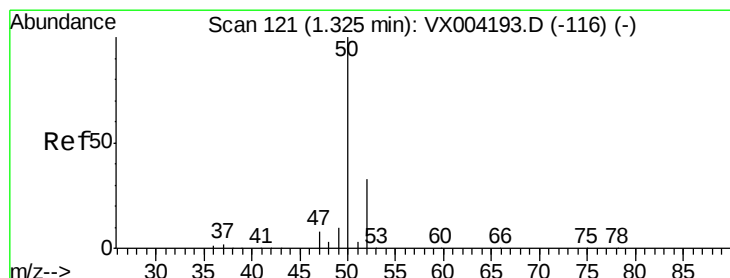
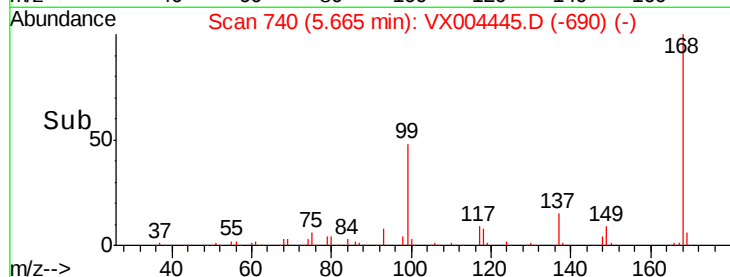
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.50 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004445.D

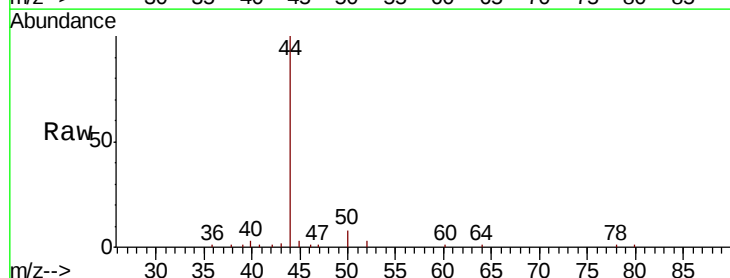
Acq: 10 Sep 2018 13:41

Tgt Ion: 50 Resp: 837

Ion Ratio Lower Upper

50 100

52 33.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

800

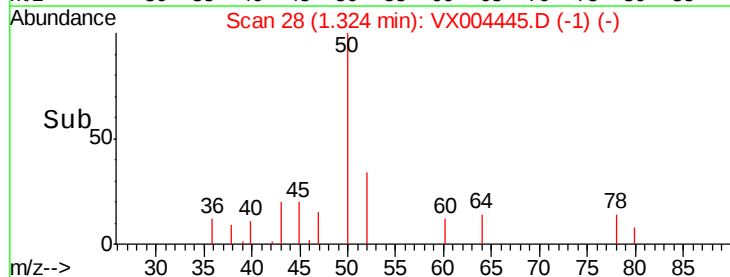
600

400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

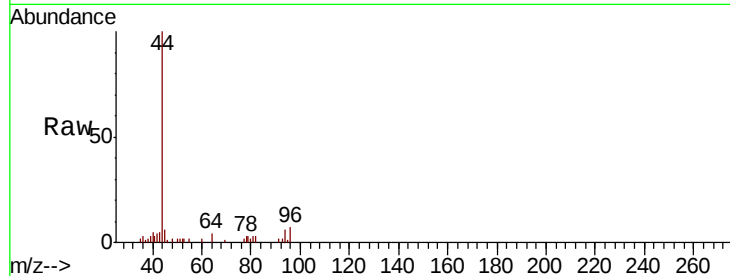
PB112704ZHE#02

Tot Ion: 94 Resp: 676

Ion Ratio Lower Upper

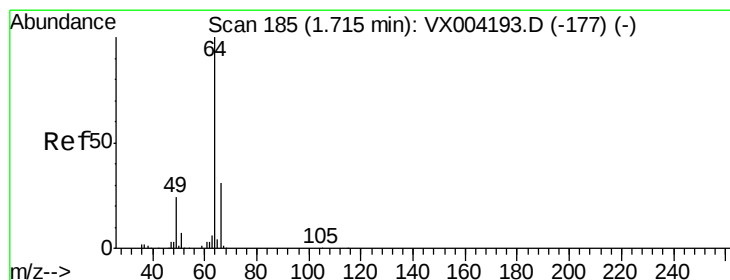
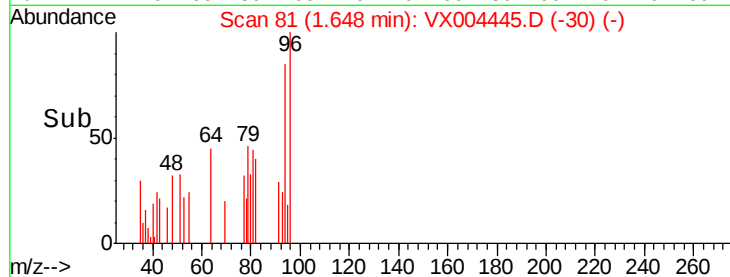
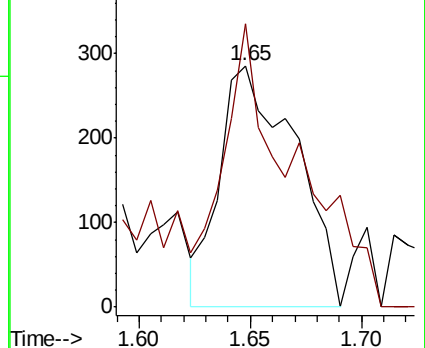
94 100

96 94.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.53 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004445.D

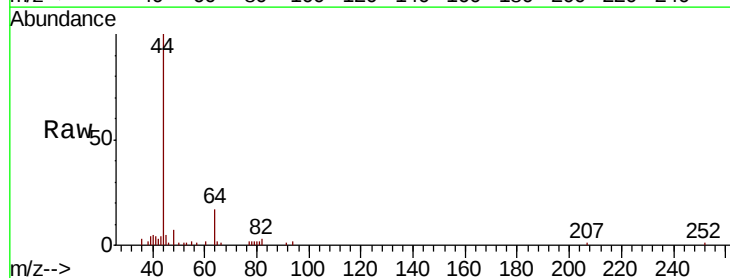
Acq: 10 Sep 2018 13:41

Tgt Ion: 64 Resp: 1857

Ion Ratio Lower Upper

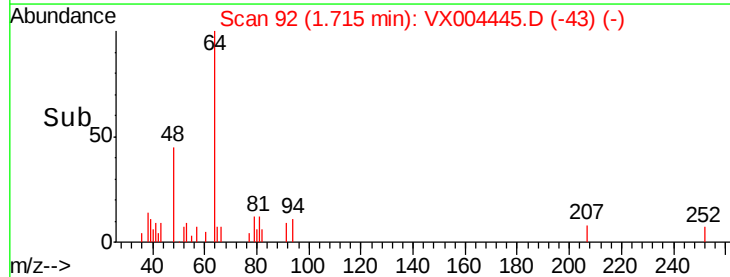
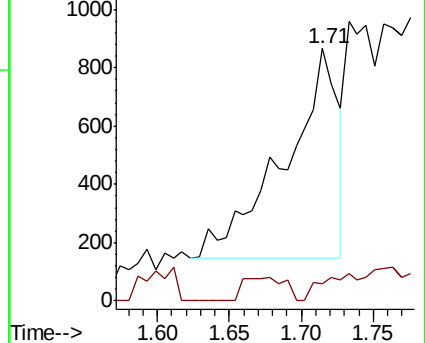
64 100

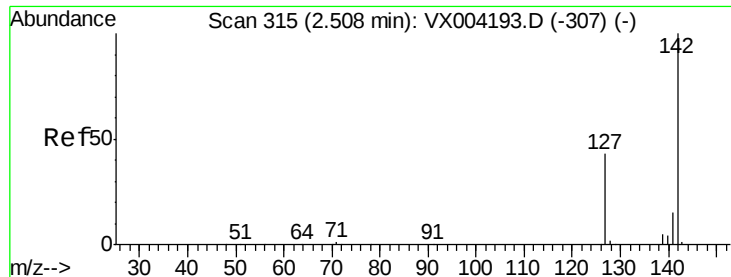
66 7.9 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

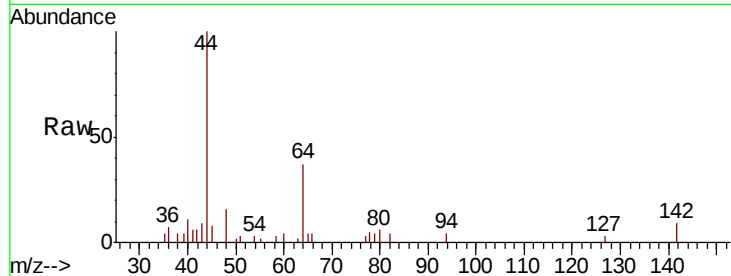




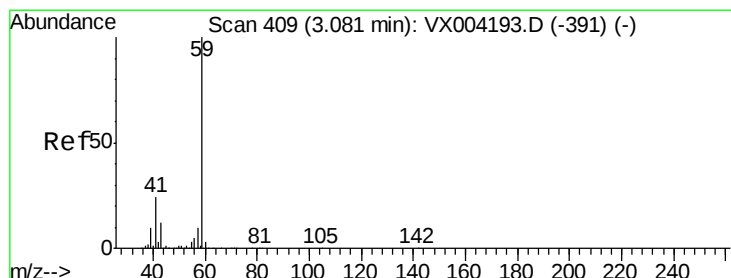
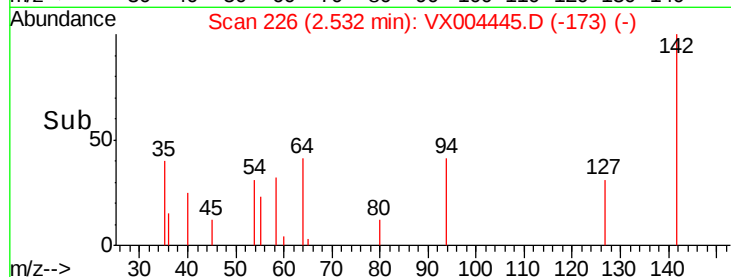
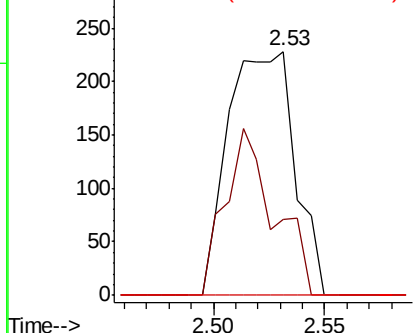
#10
Methyl Iodide
Concen: 4.37 ug/l
RT: 2.53 min Scan# 226
Delta R.T. 0.02 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tot Ion:142 Resp: 474
Ion Ratio Lower Upper
142 100
127 50.2 33.8 50.6
141 0.0 11.4 17.0#

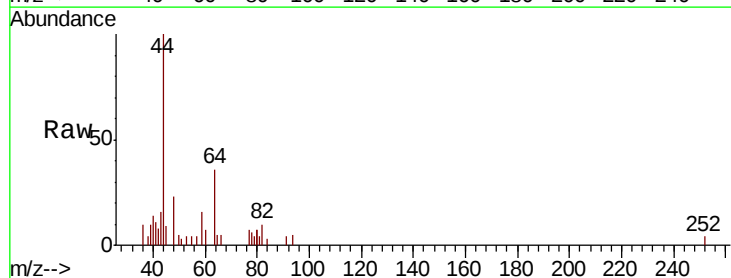


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

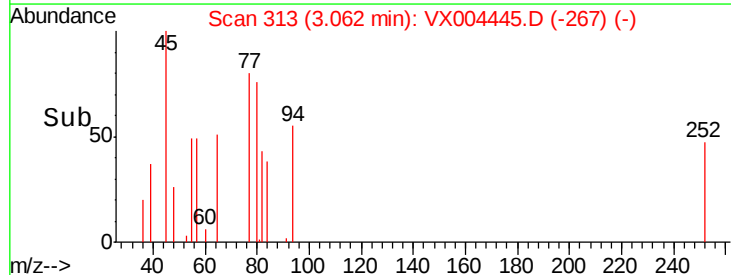
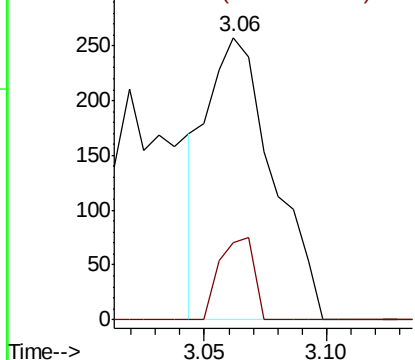


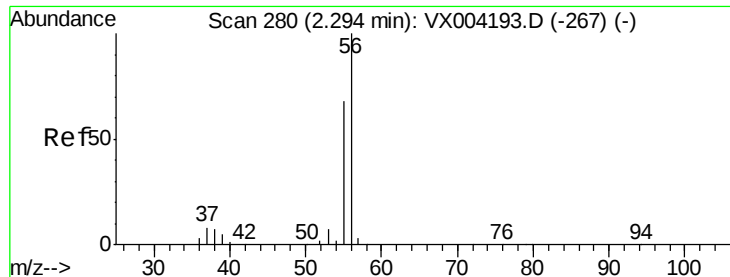
#11
Tert butyl alcohol
Concen: 0.56 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 59 Resp: 485
Ion Ratio Lower Upper
59 100
57 15.1 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 1.04 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

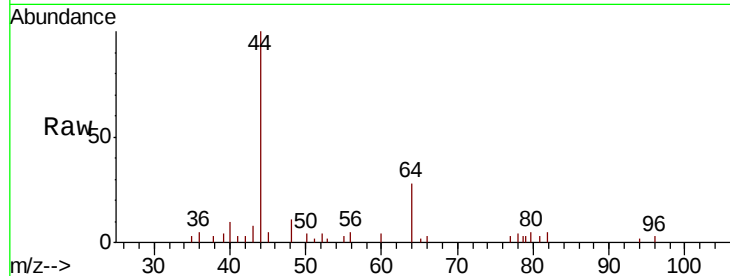
PB112704ZHE#02

Tot Ion: 56 Resp: 217

Ion Ratio Lower Upper

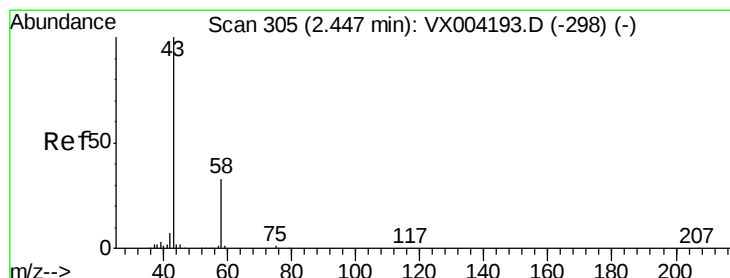
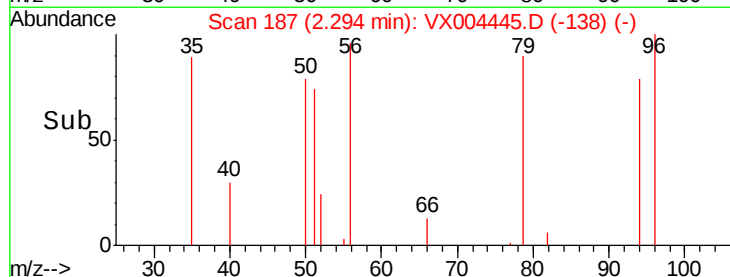
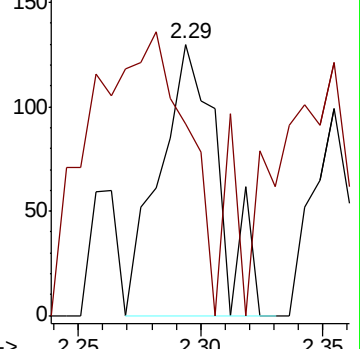
56 100

55 170.5 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 8.06 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004445.D

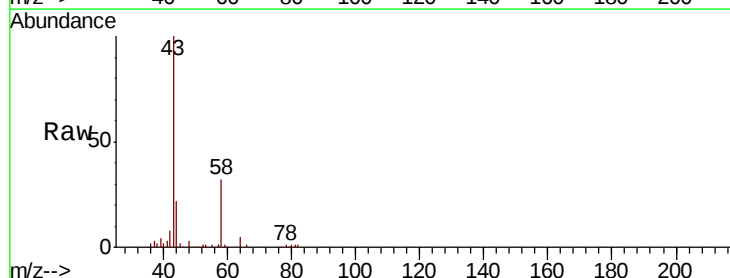
Acq: 10 Sep 2018 13:41

Tgt Ion: 43 Resp: 26260

Ion Ratio Lower Upper

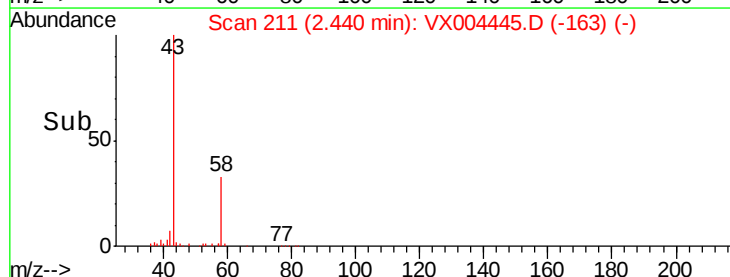
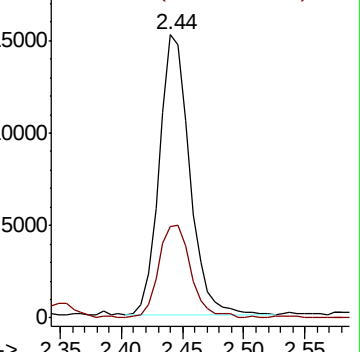
43 100

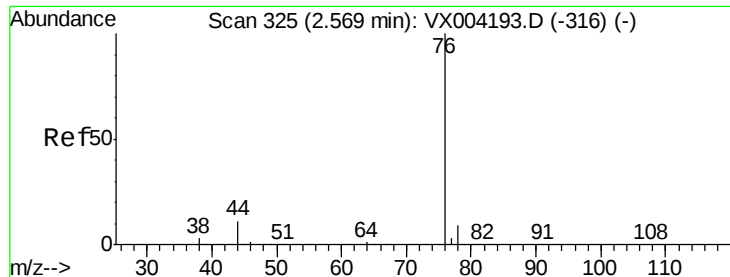
58 32.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.88 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

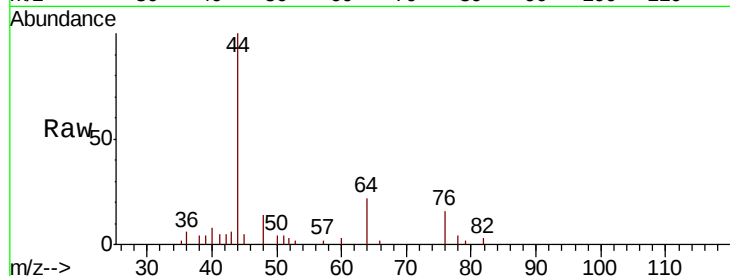
PB112704ZHE#02

Tot Ion: 76 Resp: 718

Ion Ratio Lower Upper

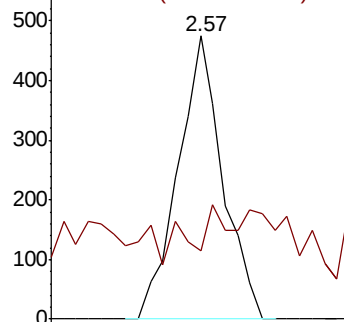
76 100

78 0.0 7.0 10.6#

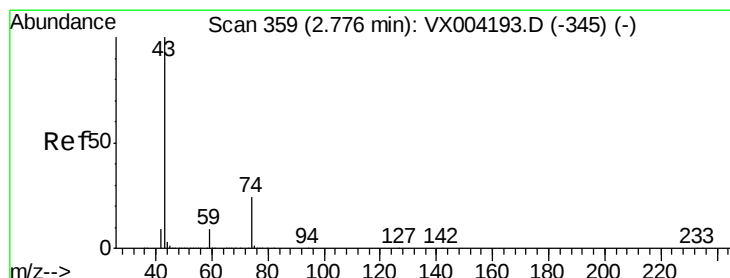
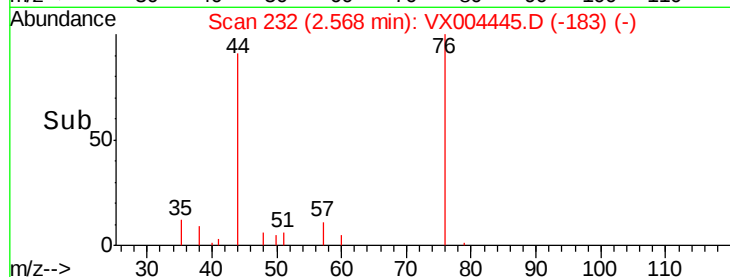


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time--> 2.50 2.55 2.60



#18

Methyl Acetate

Concen: 1.49 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004445.D

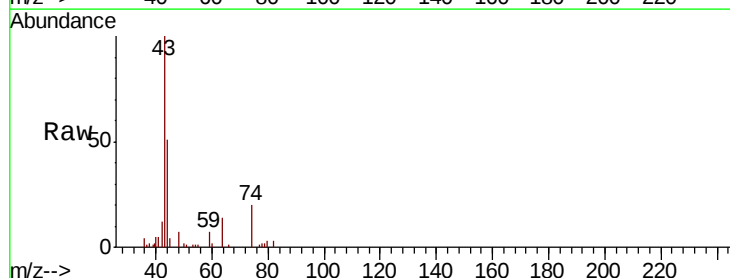
Acq: 10 Sep 2018 13:41

Tgt Ion: 43 Resp: 8930

Ion Ratio Lower Upper

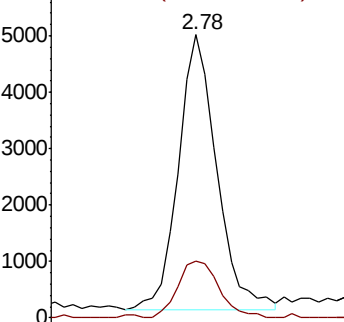
43 100

74 22.5 19.4 29.2

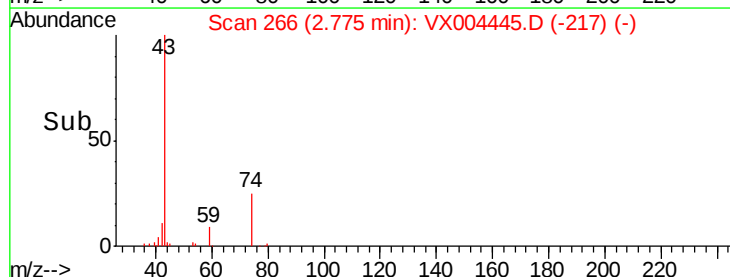


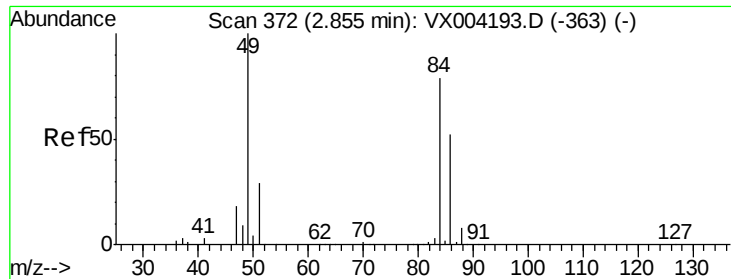
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time--> 2.70 2.75 2.80 2.85

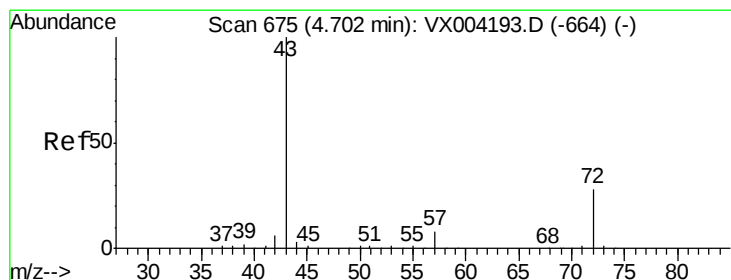
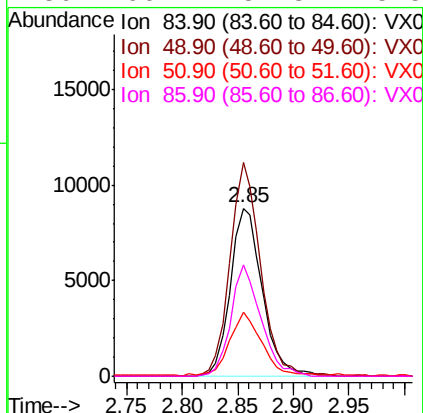
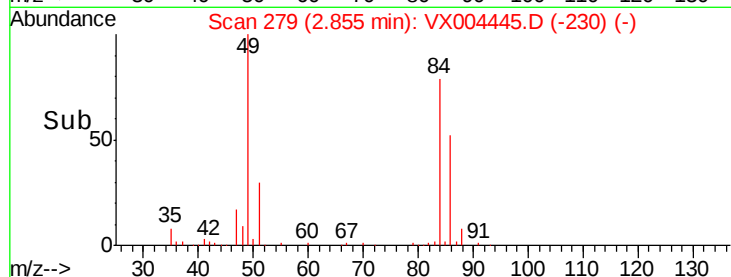
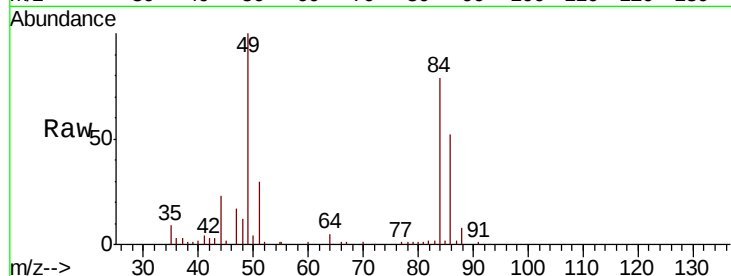




#20
Methvlene Chloride
Concen: 4.47 ua/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

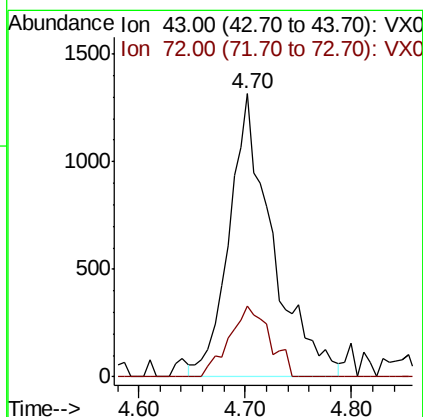
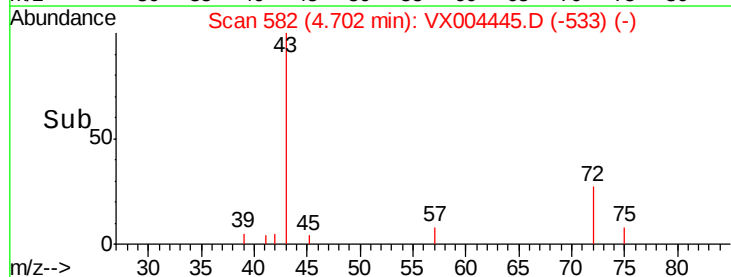
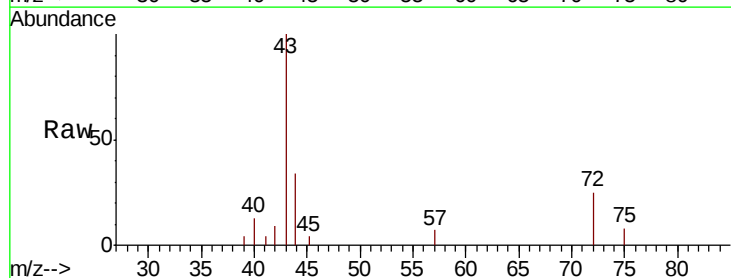
Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

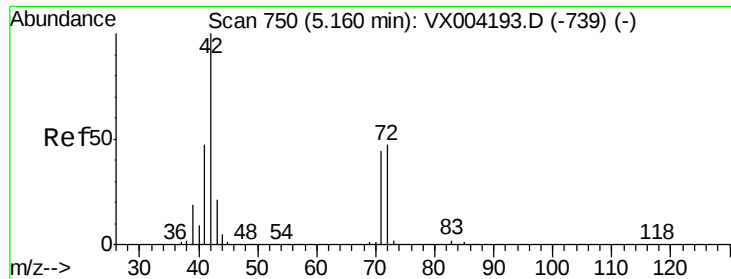
Tot Ion:	84	Resp:	17431
Ion	Ratio	Lower	Upper
84	100		
49	127.0	101.2	151.8
51	36.8	29.5	44.3
86	66.1	52.3	78.5



#25
2-Butanone
Concen: Below Cal
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion:	43	Resp:	3727
Ion	Ratio	Lower	Upper
43	100		
72	26.1	22.0	33.0





#29

Tetrahydrofuran

Concen: 0.97 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

PB112704ZHE#02

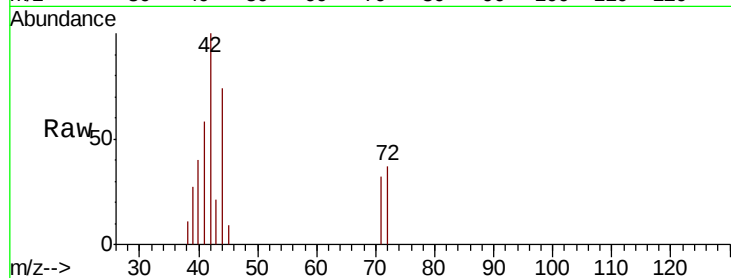
Tot Ion: 42 Resp: 1696

Ion Ratio Lower Upper

42 100

72 40.0 37.4 56.0

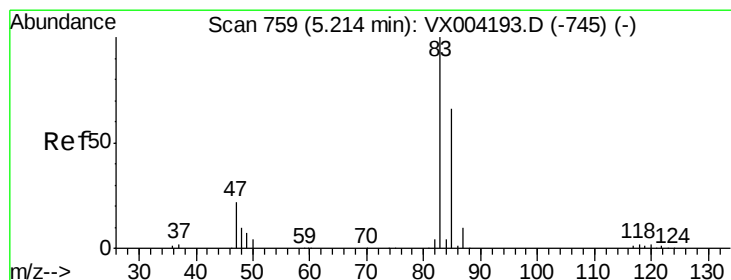
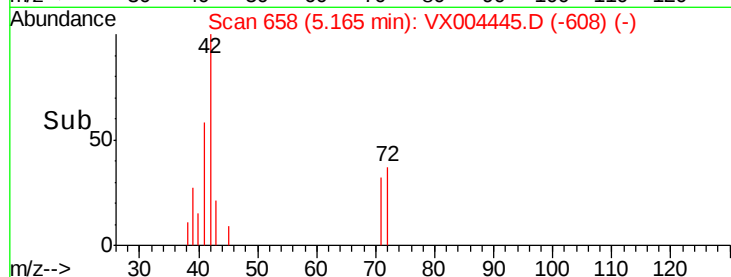
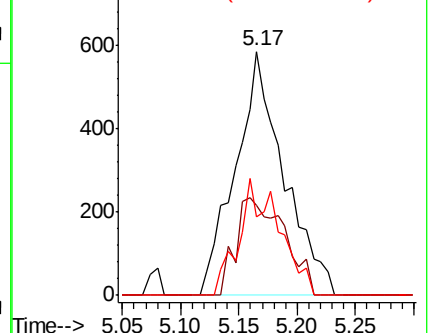
71 39.6 34.5 51.7



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



#30

Chloroform

Concen: 0.55 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX004445.D

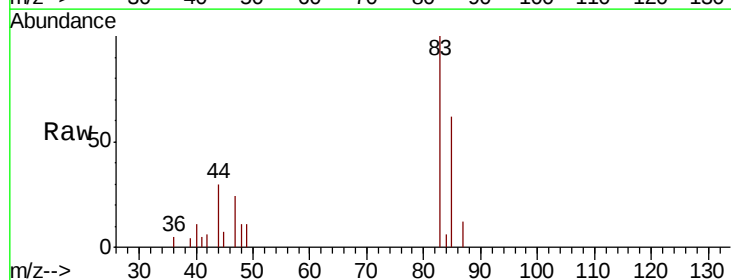
Acq: 10 Sep 2018 13:41

Tgt Ion: 83 Resp: 3598

Ion Ratio Lower Upper

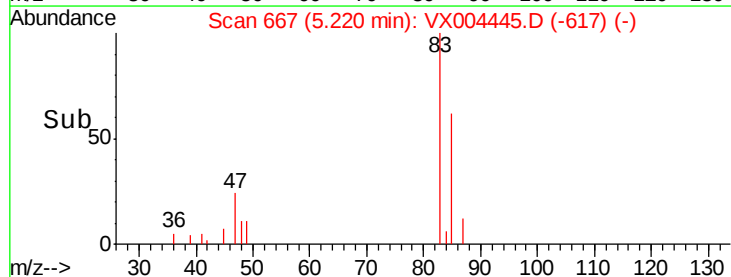
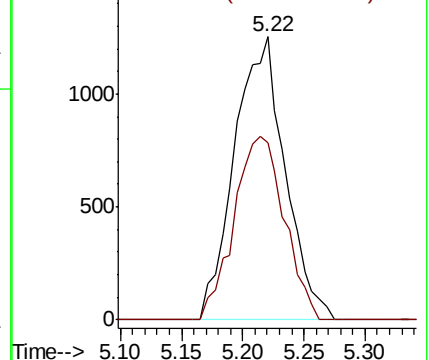
83 100

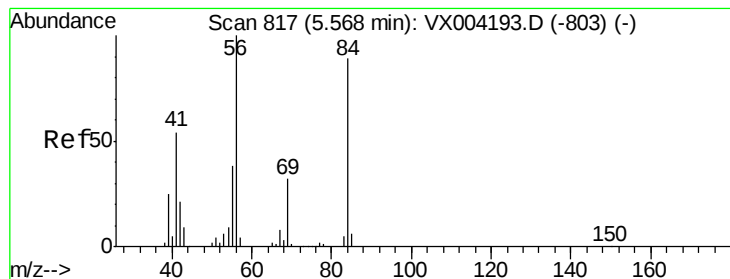
85 62.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 0.89 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

PB112704ZHE#02

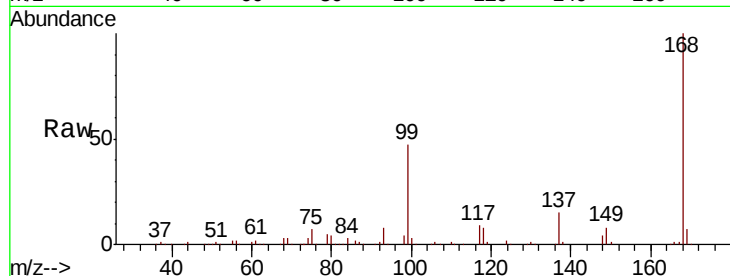
Tot Ion: 56 Resp: 5050

Ion Ratio Lower Upper

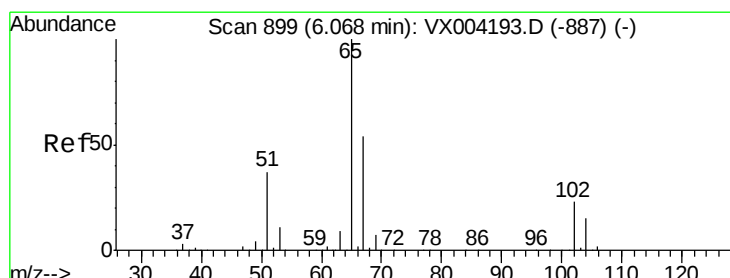
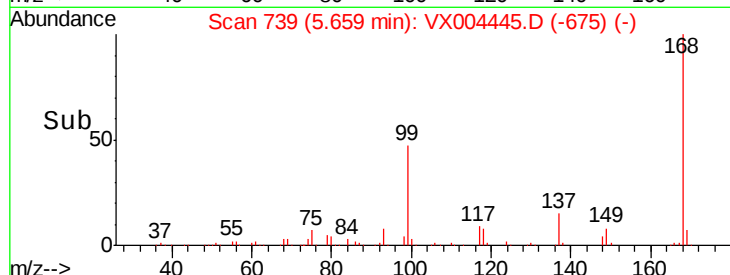
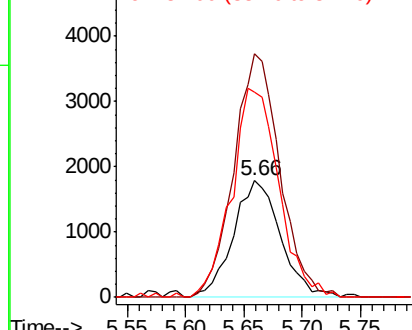
56 100

69 209.1 25.4 38.2#

84 176.4 71.4 107.2#



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: 54.40 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004445.D

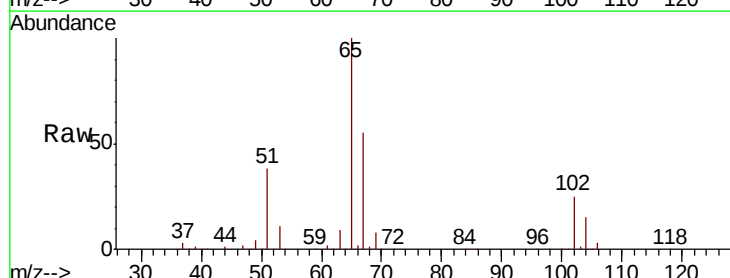
Acq: 10 Sep 2018 13:41

Tgt Ion: 65 Resp: 220414

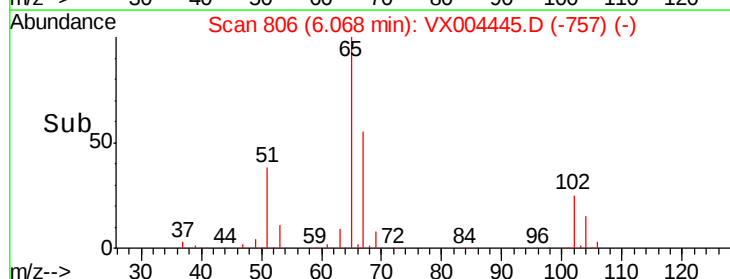
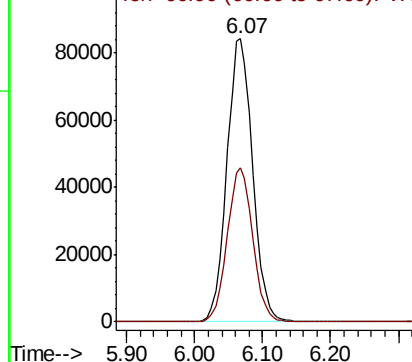
Ion Ratio Lower Upper

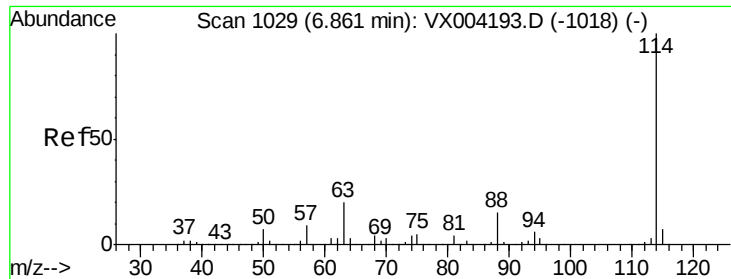
65 100

67 54.0 0.0 106.8



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

PB112704ZHE#02

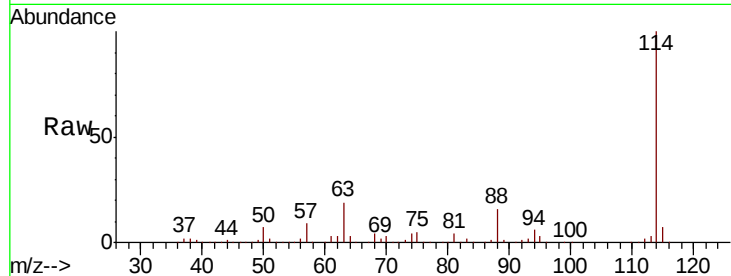
Tot Ion:114 Resp: 515101

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

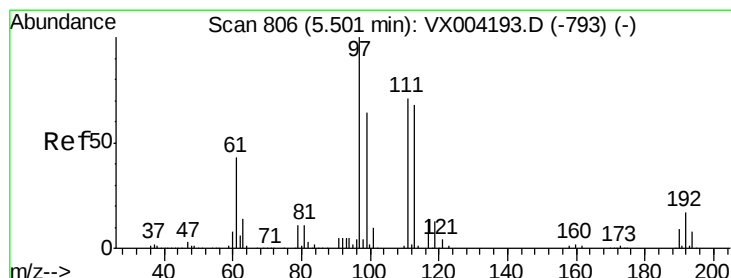
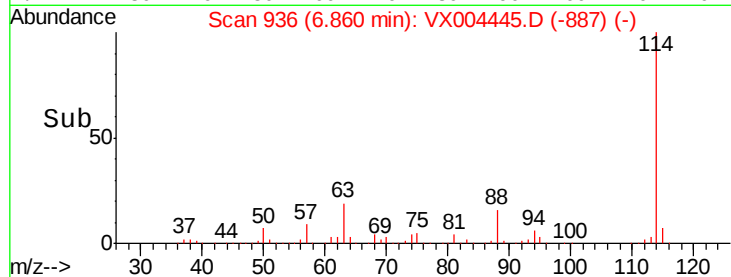
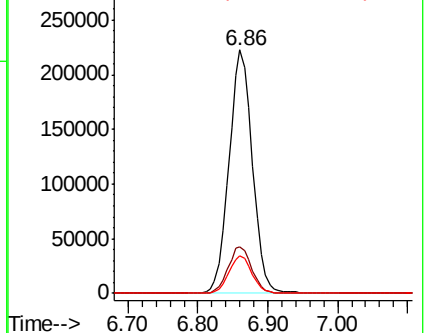
88 15.5 0.0 30.4



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: 50.98 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

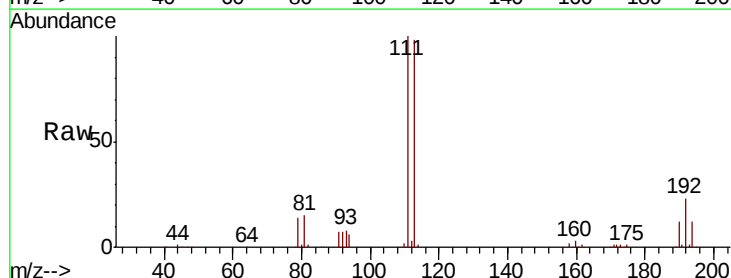
Tgt Ion:113 Resp: 195360

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

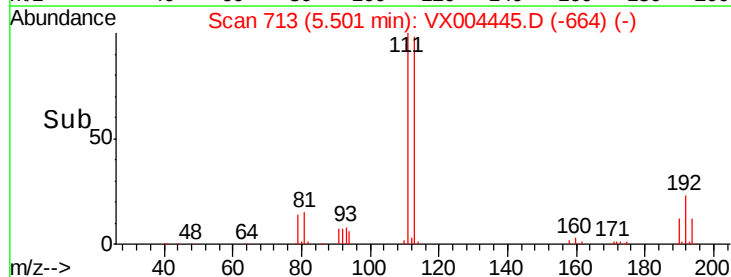
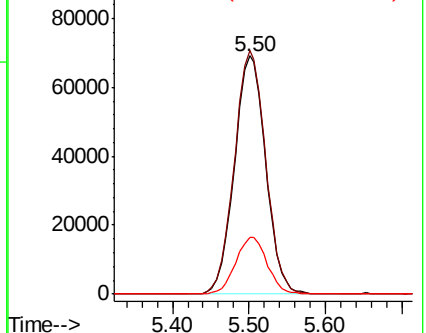
192 23.9 19.4 29.2

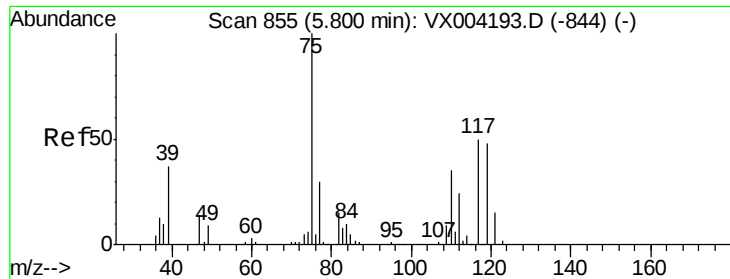


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

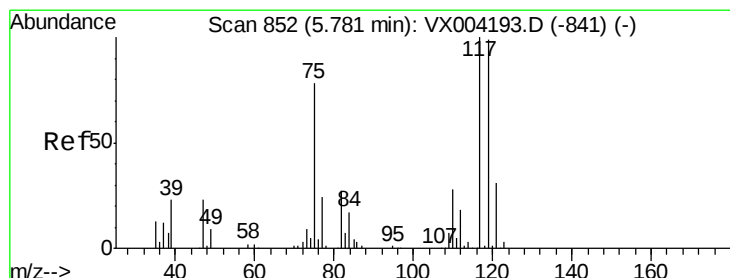
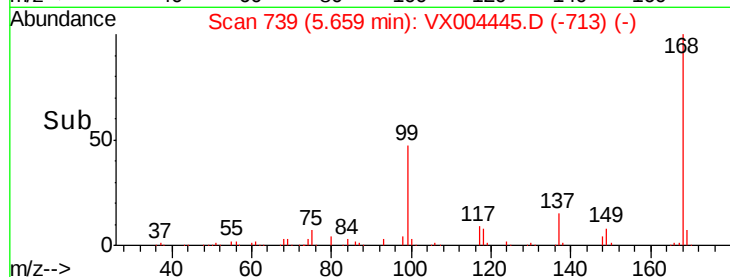
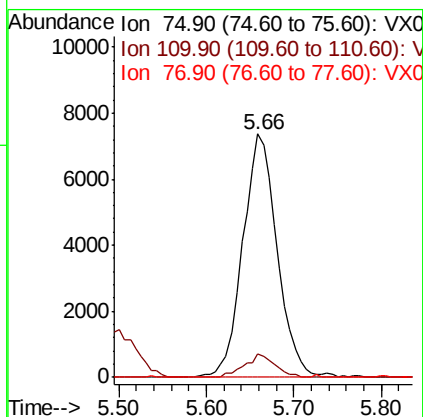
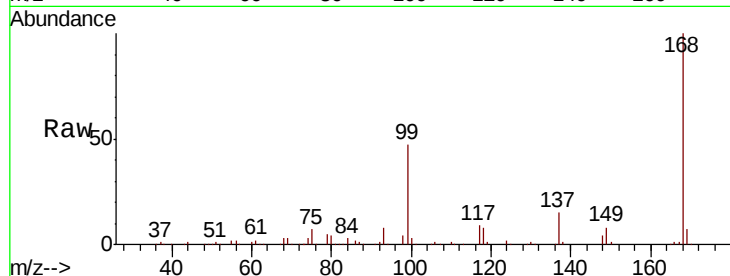




#36
 1,1-Dichloropropene
 Concen: 3.46 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004445.D
 Acq: 10 Sep 2018 13:41

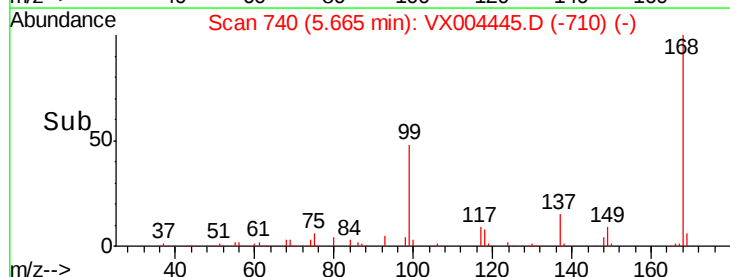
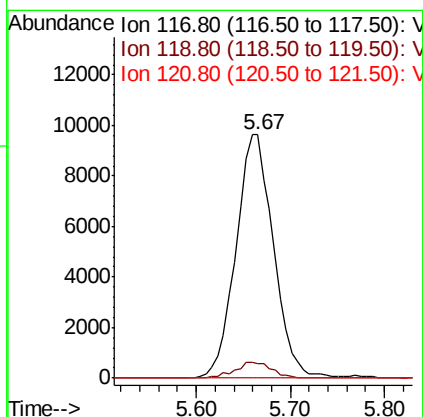
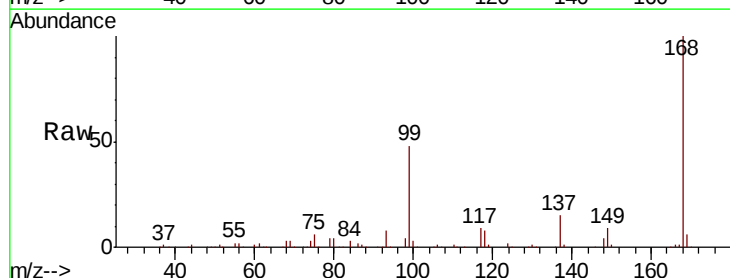
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112704ZHE#02

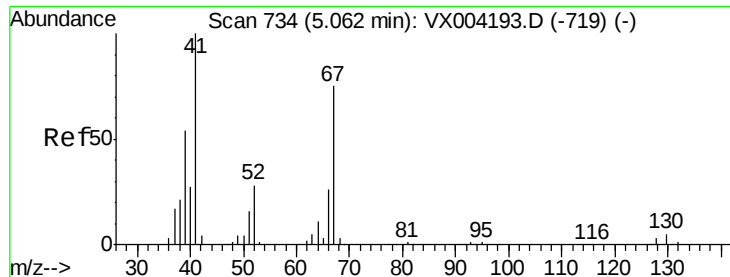
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.0	54.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 4.89 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX004445.D
 Acq: 10 Sep 2018 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	78.8	118.2#
121	0.0	24.9	37.3#

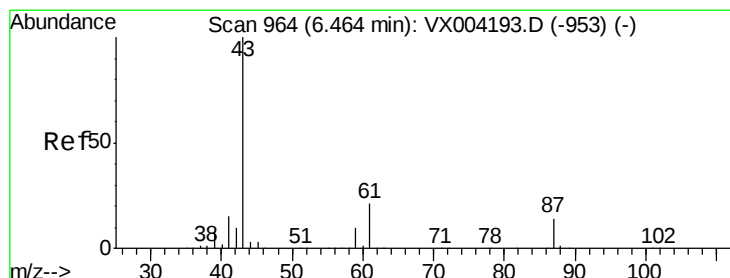
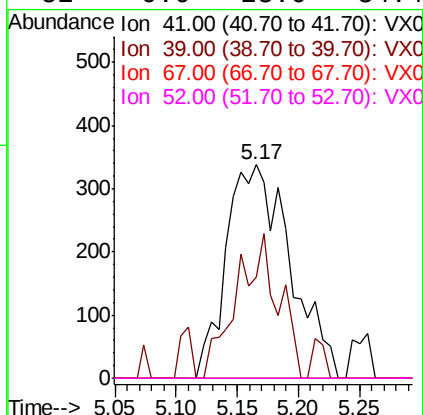
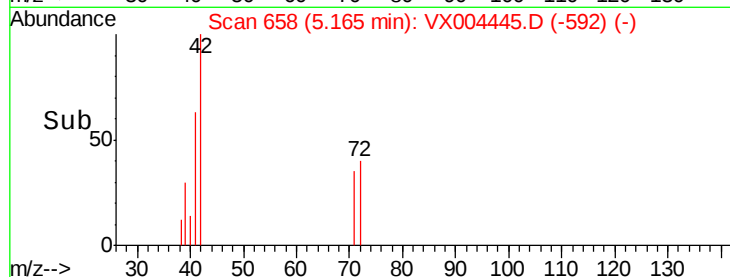
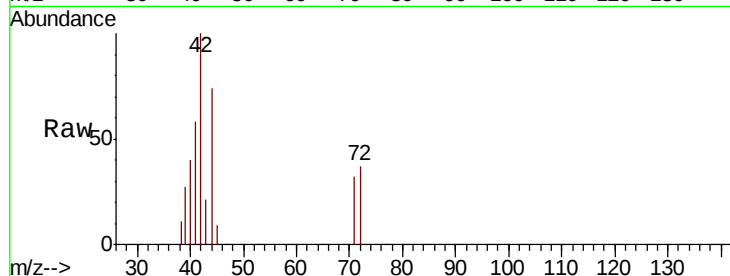




#41
Methacrylonitrile
Concen: 0.37 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.10 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

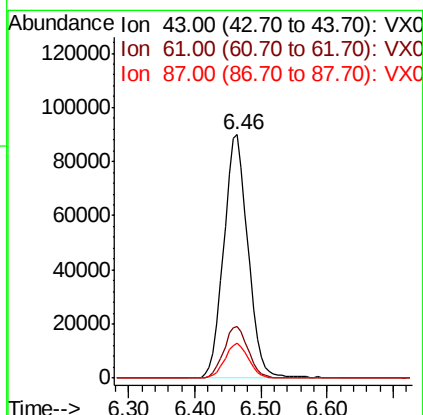
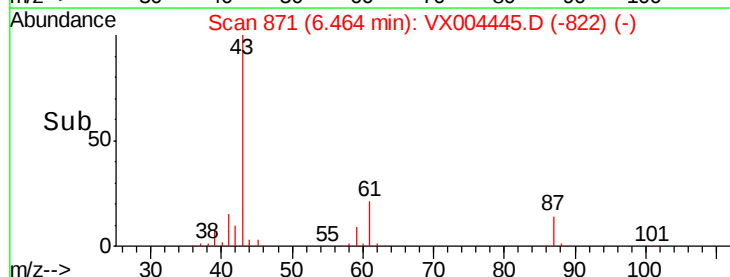
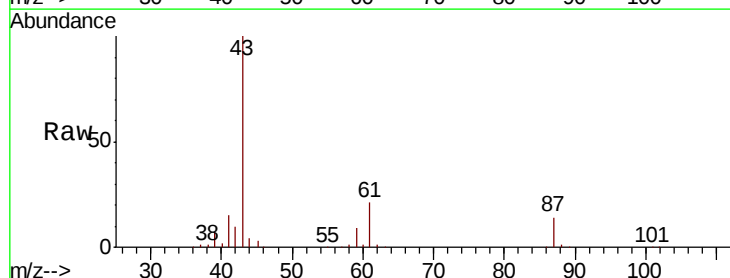
Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

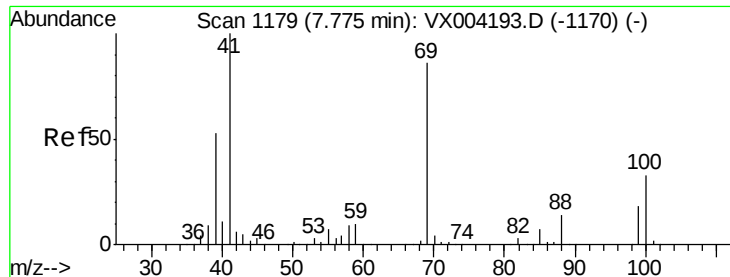
Tot Ion:	41	Resp:	1225
Ion	Ratio	Lower	Upper
41	100		
39	44.4	42.4	63.6
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#



#43
Isopropyl Acetate
Concen: 26.10 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion:	43	Resp:	228435
Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.0	25.4
87	14.0	11.4	17.2

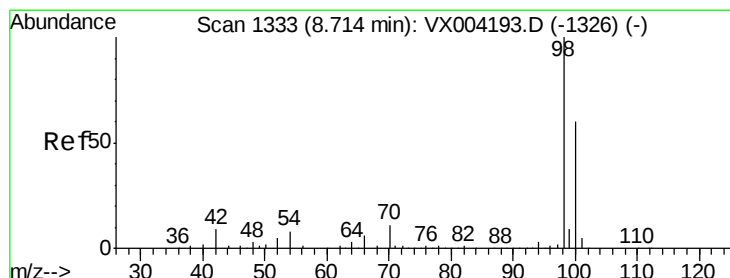
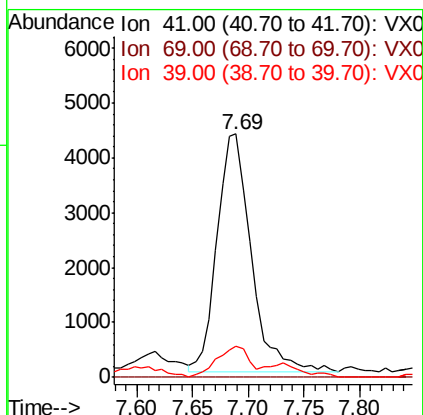
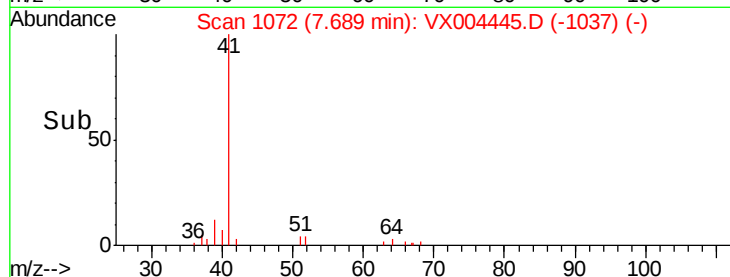
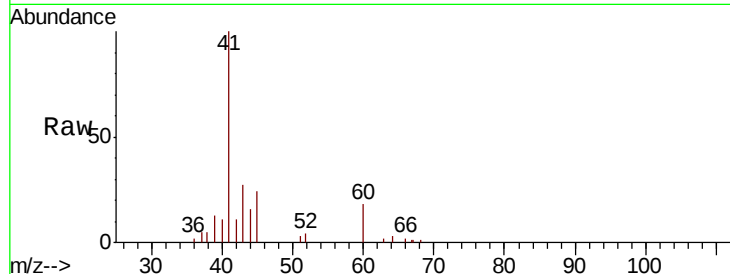




#48
Methvl methacrylate
Concen: 1.97 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

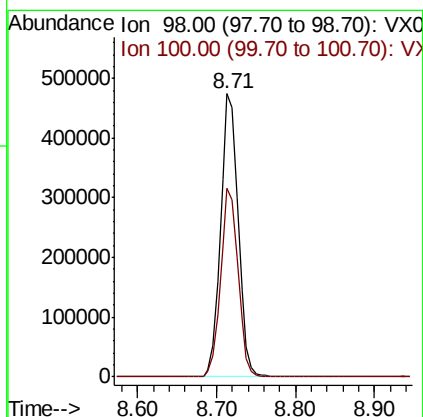
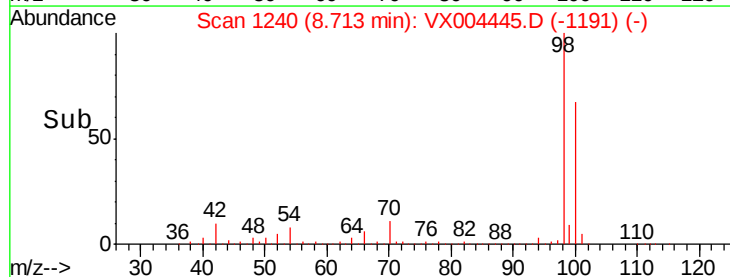
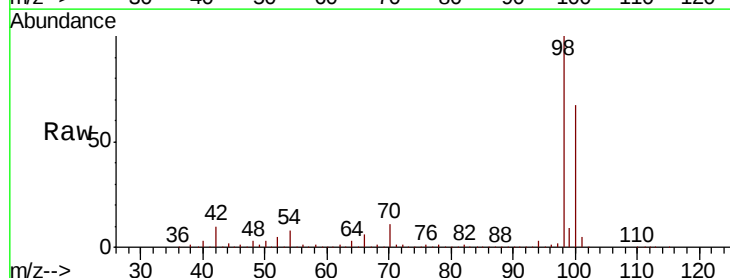
Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

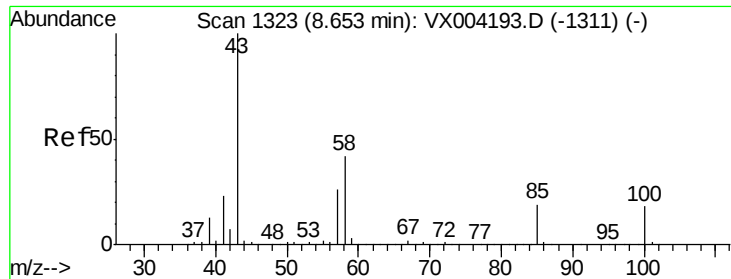
Tot Ion: 41 Resp: 9230
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 12.9 42.7 64.1#



#50
Toluene-d8
Concen: 50.93 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 98 Resp: 736609
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 0.57 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

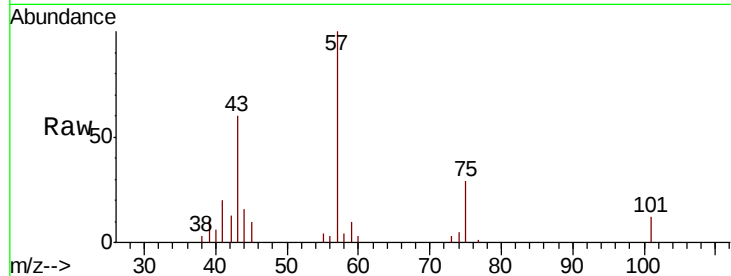
PB112704ZHE#02

Tot Ion: 43 Resp: 3610

Ion Ratio Lower Upper

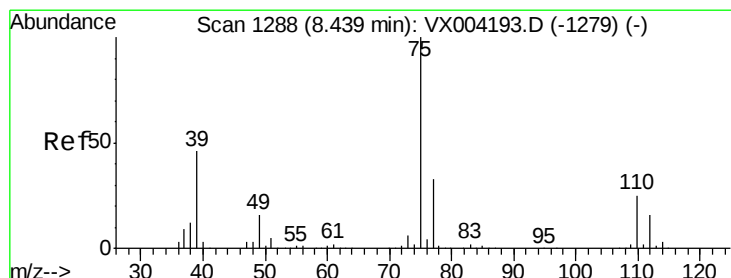
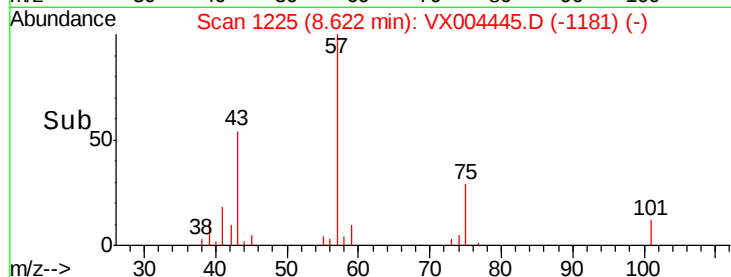
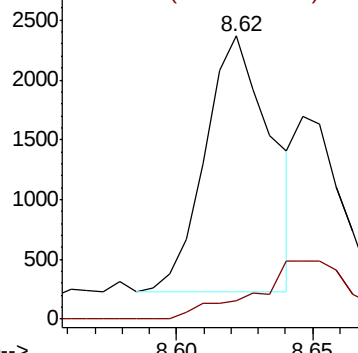
43 100

58 32.4 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.28 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

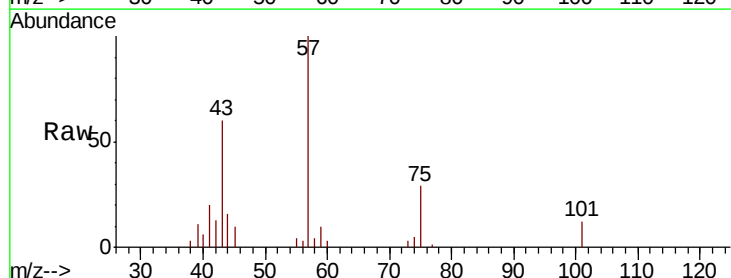
Tgt Ion: 75 Resp: 1790

Ion Ratio Lower Upper

75 100

77 5.0 26.2 39.2#

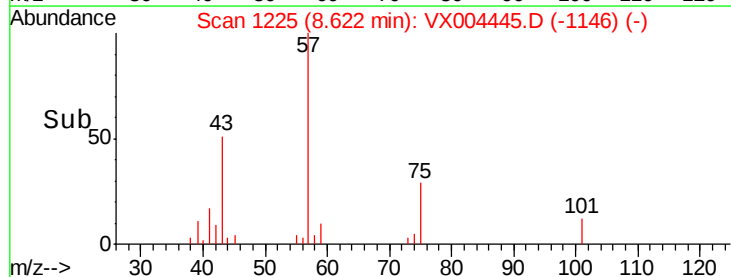
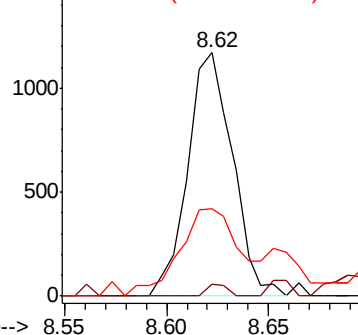
39 31.6 36.4 54.6#

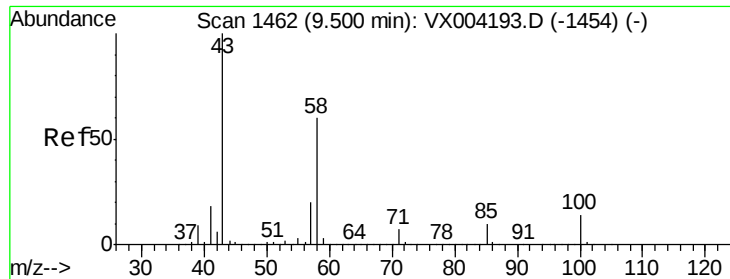


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

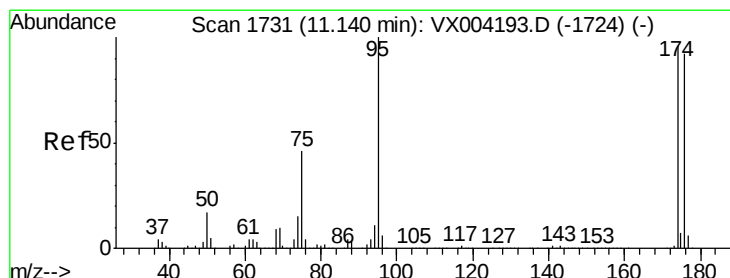
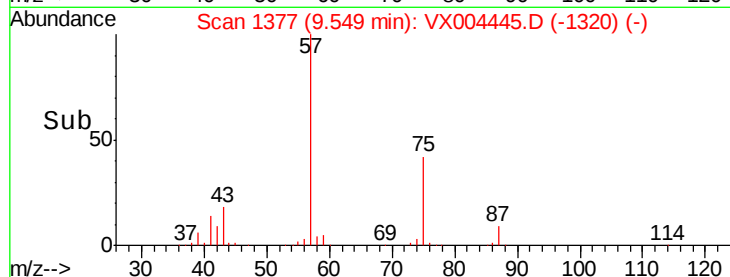
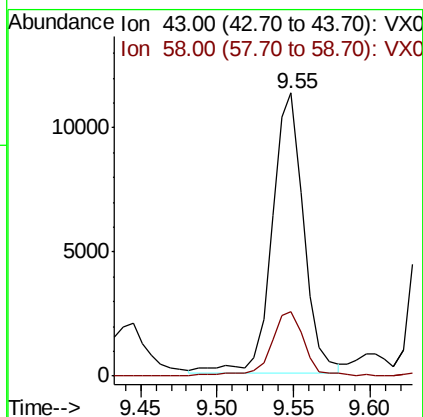
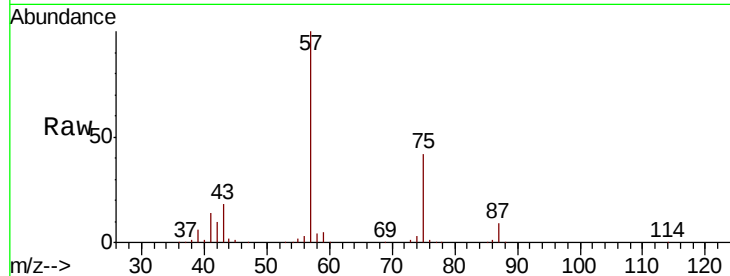




#59
2-Hexanone
Concen: 3.34 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

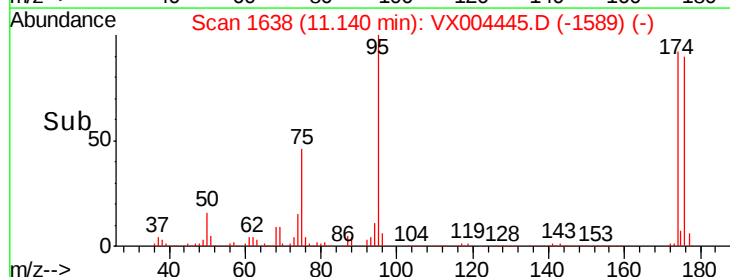
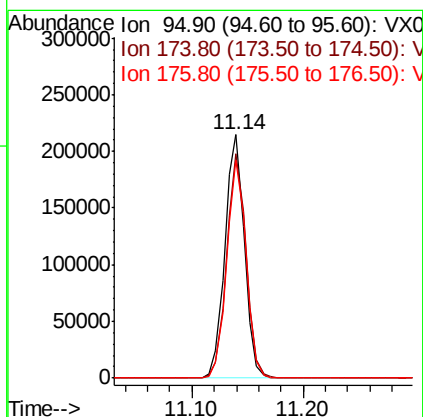
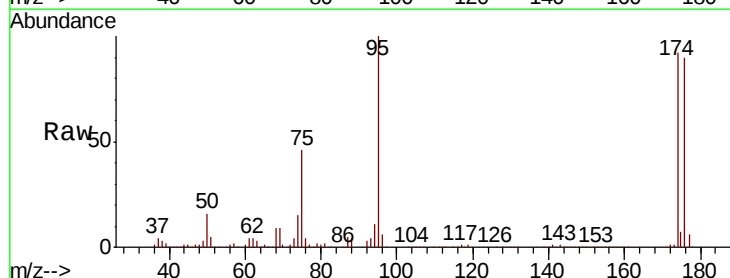
Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

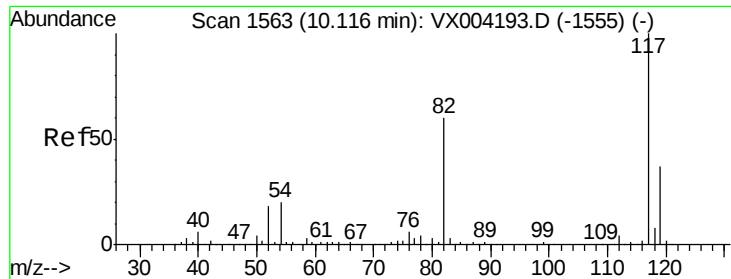
Tot Ion: 43 Resp: 16192
Ion Ratio Lower Upper
43 100
58 24.8 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 48.02 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion: 95 Resp: 259171
Ion Ratio Lower Upper
95 100
174 92.3 0.0 185.2
176 89.1 0.0 178.6

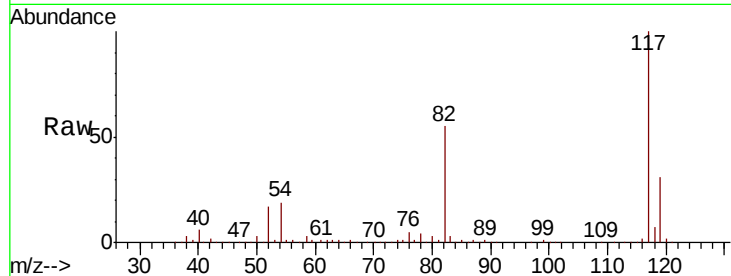




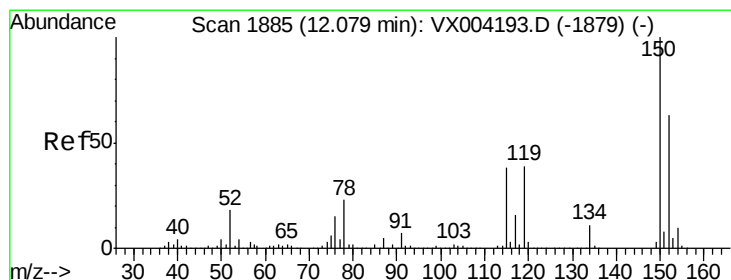
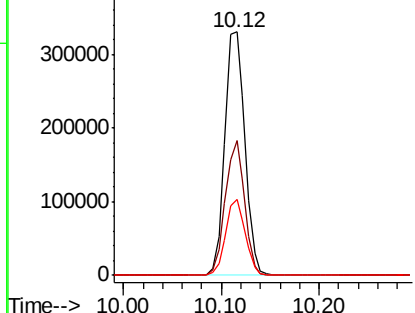
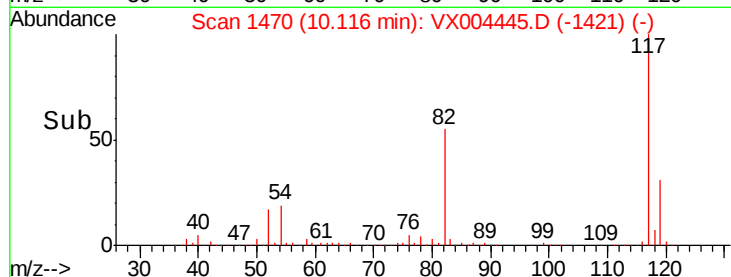
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#02

Tot Ion:117 Resp: 471386
Ion Ratio Lower Upper
117 100
82 55.4 47.8 71.6
119 31.2 29.3 43.9

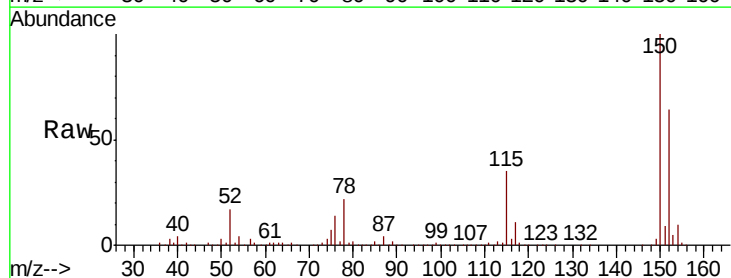


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

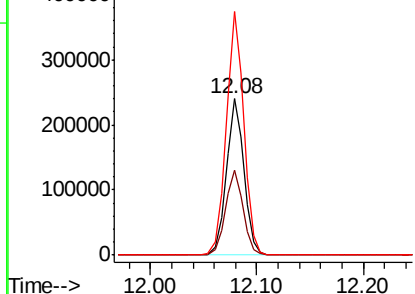
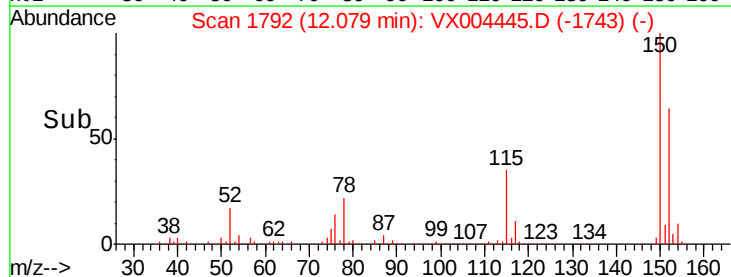


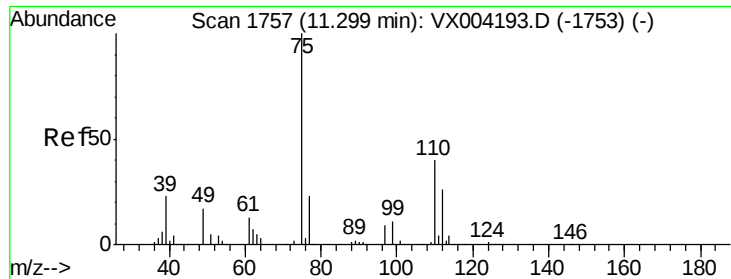
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004445.D
Acq: 10 Sep 2018 13:41

Tgt Ion:152 Resp: 274899
Ion Ratio Lower Upper
152 100
115 54.7 39.0 117.0
150 156.3 0.0 351.0



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: 21.67 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

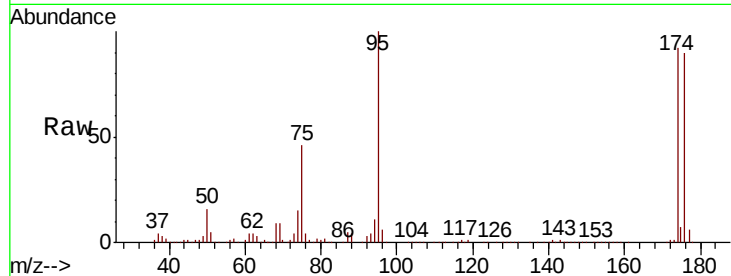
PB112704ZHE#02

Tot Ion: 75 Resp: 121183

Ion Ratio Lower Upper

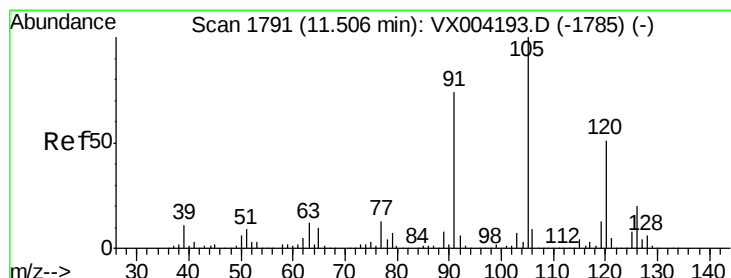
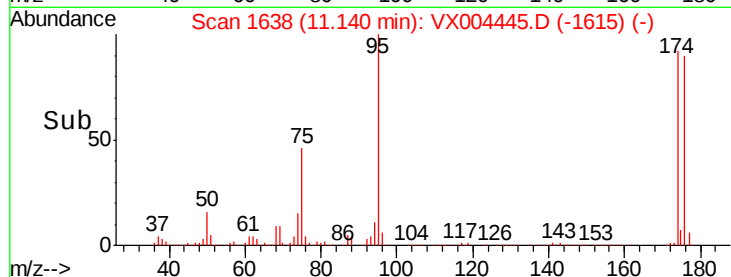
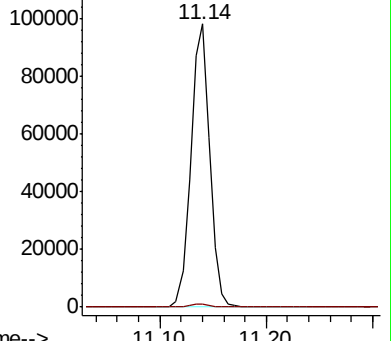
75 100

77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#80

1,3,5-Trimethylbenzene

Concen: 0.22 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004445.D

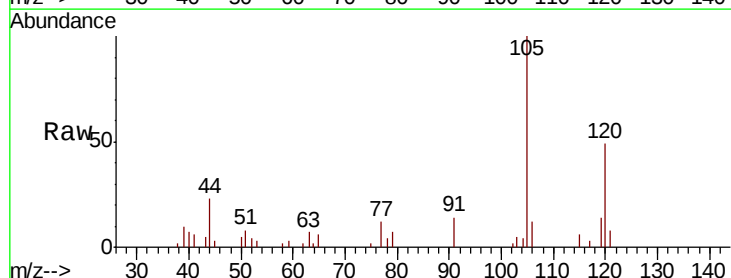
Acq: 10 Sep 2018 13:41

Tgt Ion:105 Resp: 3250

Ion Ratio Lower Upper

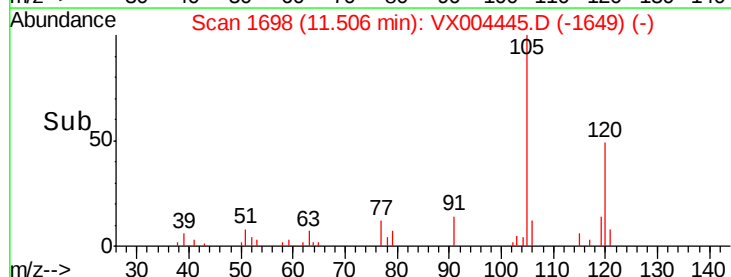
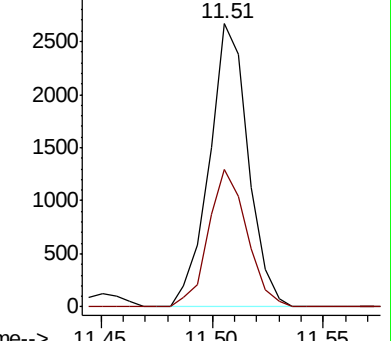
105 100

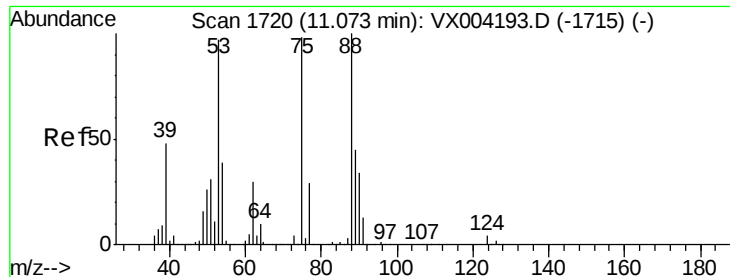
120 48.2 25.6 76.8



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: 70.33 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

PB112704ZHE#02

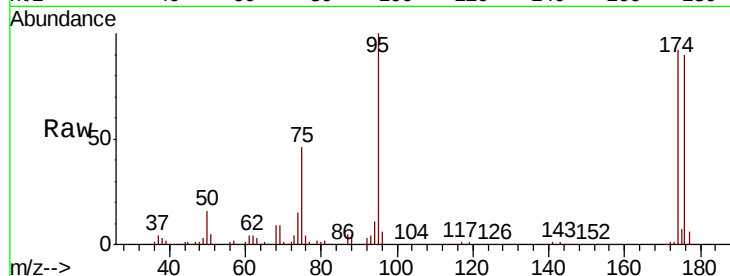
Tot Ion: 75 Resp: 121183

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

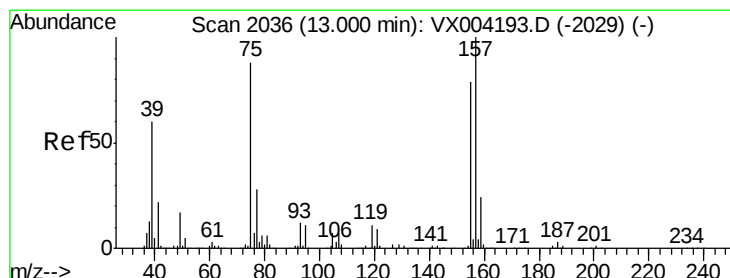
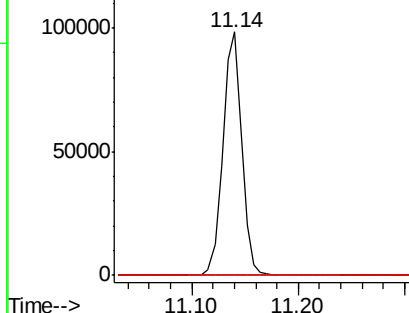
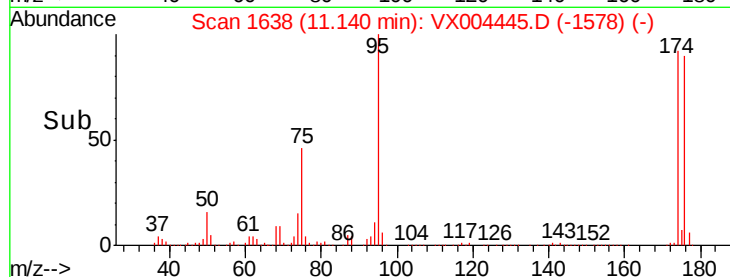
89 0.0 37.2 55.8#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.20 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX004445.D

Acq: 10 Sep 2018 13:41

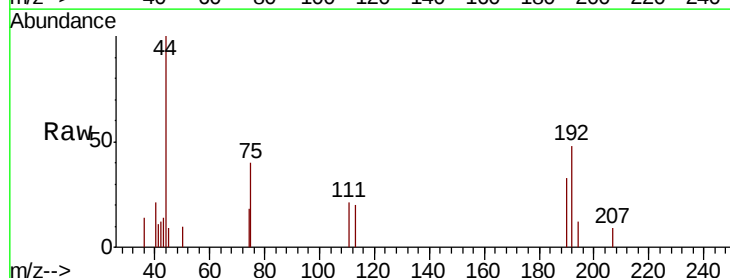
Tgt Ion: 75 Resp: 226

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

157 0.0 61.4 184.1#



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

