

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
 Data File : VX004444.D
 Acq On : 10 Sep 2018 13:15
 Operator : JC/MD
 Sample : PB112704ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112704ZHE#01

Quant Time: Sep 11 01:18:52 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	5.66	168	311482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	514541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	447712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227068	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	220238	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
35) Dibromofluoromethane	5.50	113	196805	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	8.71	98	739559	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.14	95	221837	41.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.30%	

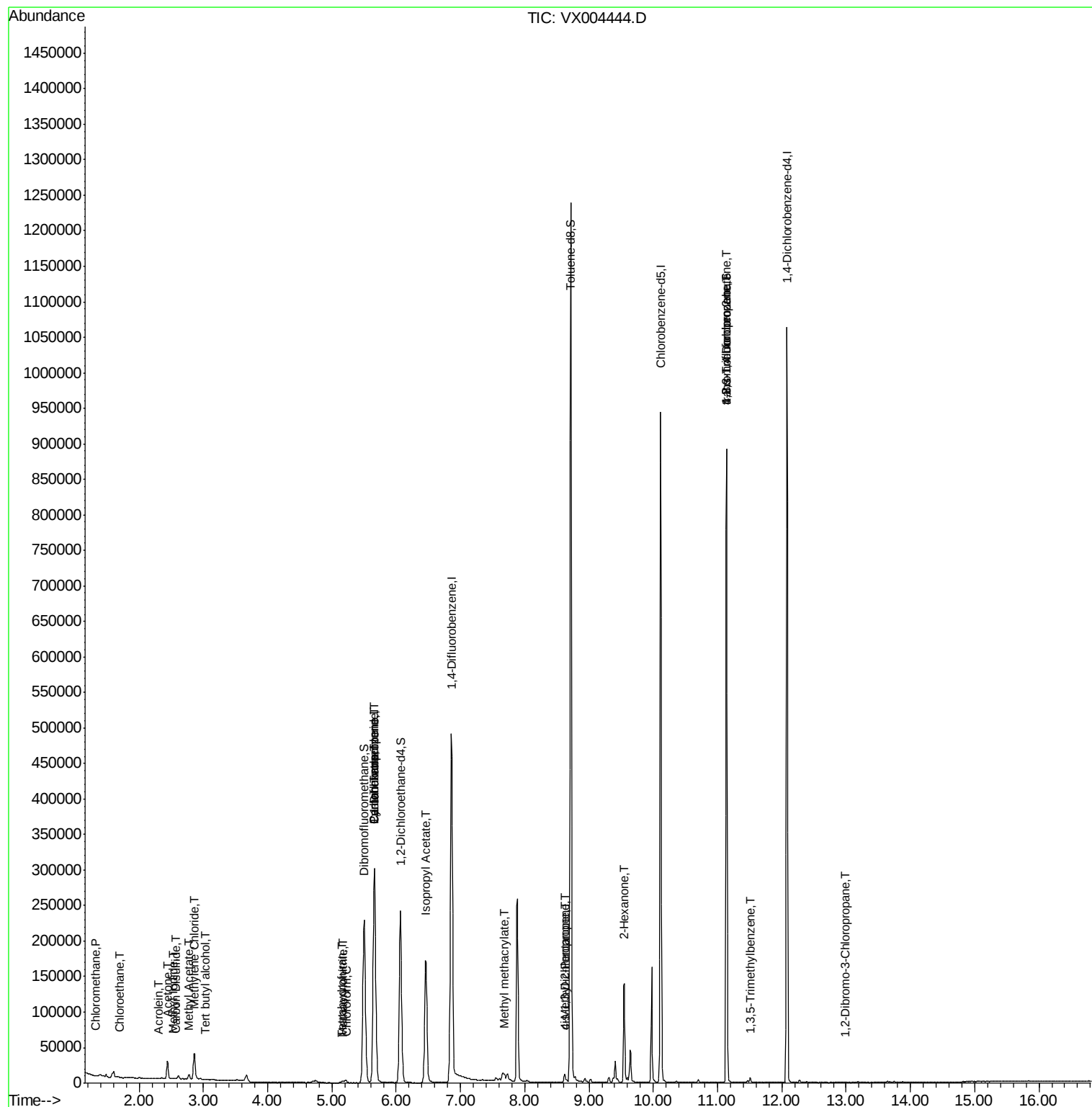
Target Compounds					Qvalue	
3) Chloromethane	1.32	50	725	0.47	ug/l #	81
5) Bromomethane	1.65	94	757	Below	Cal #	50
6) Chloroethane	1.70	64	1049	1.29	ug/l #	63
10) Methyl Iodide	2.52	142	712	4.43	ug/l #	87
11) Tert butyl alcohol	3.03	59	463	0.54	ug/l #	72
13) Acrolein	2.29	56	156	0.75	ug/l #	25
16) Acetone	2.44	43	25920	7.82	ug/l	98
17) Carbon Disulfide	2.57	76	981	0.90	ug/l	99
18) Methyl Acetate	2.78	43	7966	1.32	ug/l	98
20) Methylene Chloride	2.85	84	17828	4.56	ug/l	95
25) 2-Butanone	4.70	43	3493	Below	Cal	90
29) Tetrahydrofuran	5.15	42	1624	0.93	ug/l #	80
30) Chloroform	5.22	83	3774	0.57	ug/l	96
31) Cyclohexane	5.66	56	5189	0.91	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	20547	3.55	ug/l #	50
38) Carbon Tetrachloride	5.67	117	27370	5.03	ug/l #	16
41) Methacrylonitrile	5.16	41	1268	0.38	ug/l #	45
43) Isopropyl Acetate	6.46	43	227496	26.02	ug/l	99
48) Methyl methacrylate	7.68	41	9486	2.03	ug/l #	20
51) 4-Methyl-2-Pentanone	8.62	43	3828	0.60	ug/l #	34
54) cis-1,3-Dichloropropene	8.62	75	1832	0.28	ug/l #	57
59) 2-Hexanone	9.55	43	15675	3.23	ug/l #	55
76) 1,2,3-Trichloropropane	11.13	75	101977	22.08	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	2817	0.23	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	101977	71.65	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	12.97	75	258	0.28	ug/l #	1
94) Hexachlorobutadiene	13.78	225	89	Below	Cal #	73

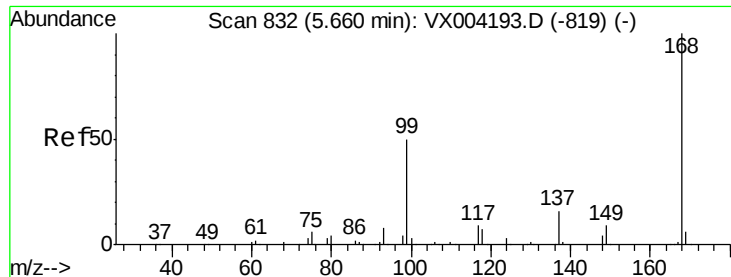
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091018\
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Quant Time: Sep 11 01:18:52 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: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

Instrument :

MSVOA_X

ClientSampleId :

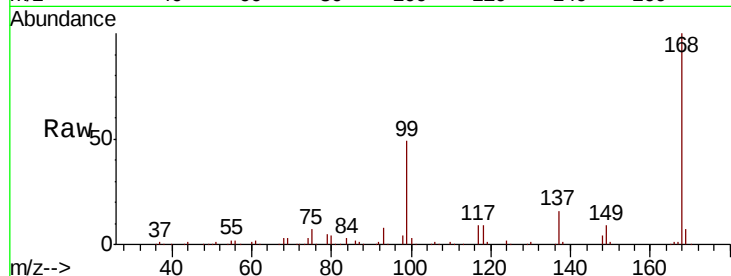
PB112704ZHE#01

Tot Ion:168 Resp: 311482

Ion Ratio Lower Upper

168 100

99 48.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

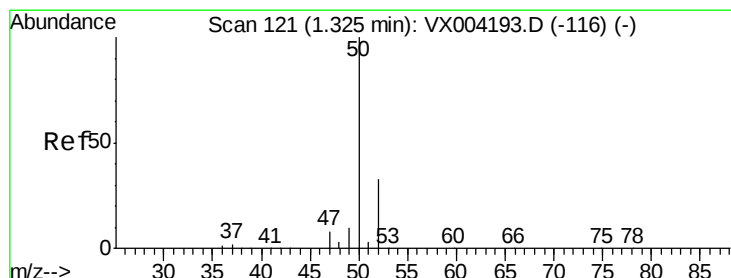
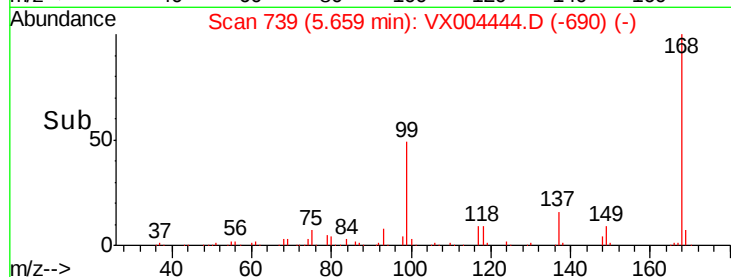
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.47 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004444.D

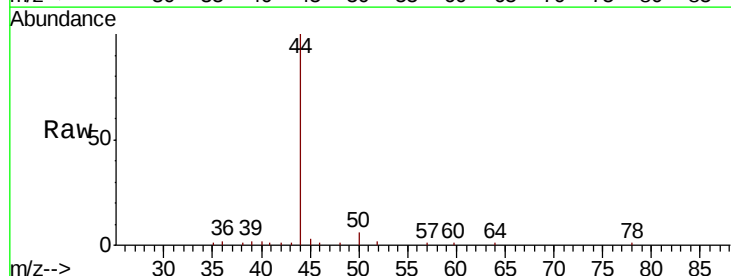
Acq: 10 Sep 2018 13:15

Tgt Ion: 50 Resp: 725

Ion Ratio Lower Upper

50 100

52 43.5 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

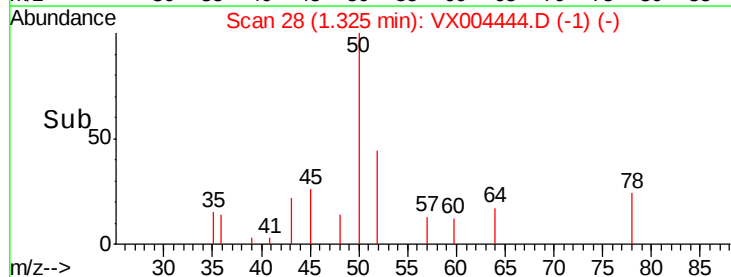
300

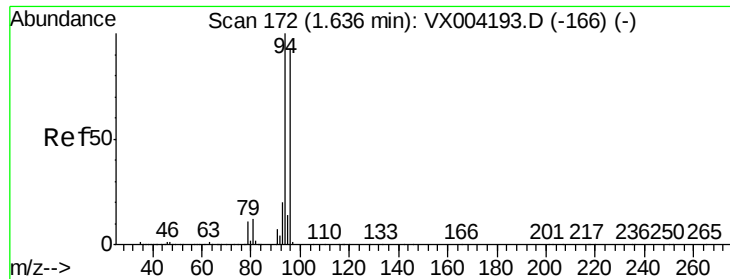
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

Instrument :

MSVOA_X

ClientSampleId :

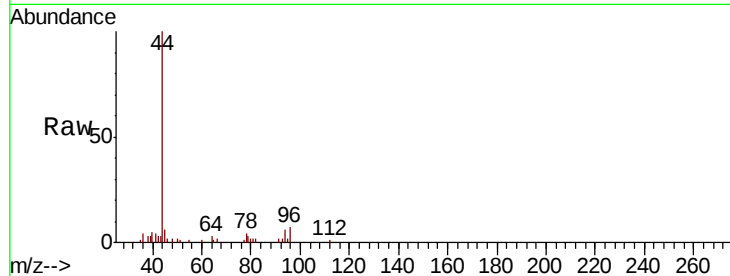
PB112704ZHE#01

Tot Ion: 94 Resp: 757

Ion Ratio Lower Upper

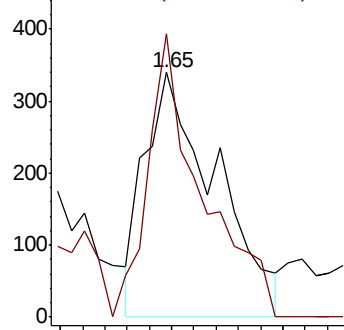
94 100

96 140.9 74.5 111.7#

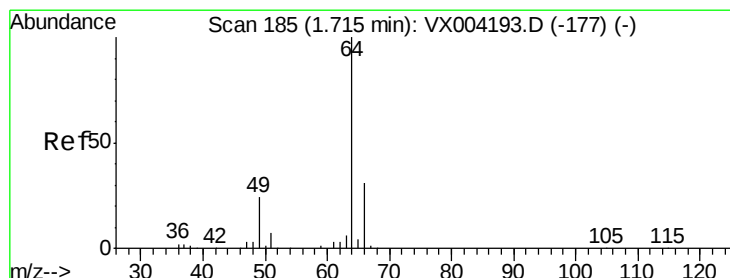
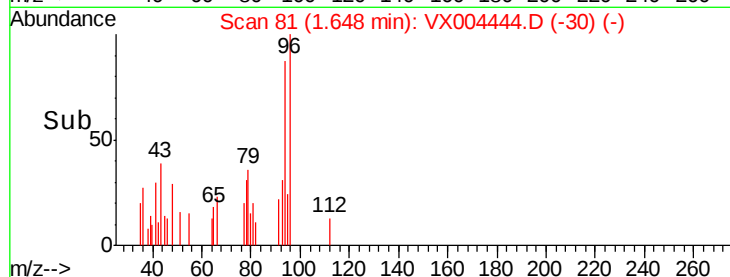


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 1.29 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX004444.D

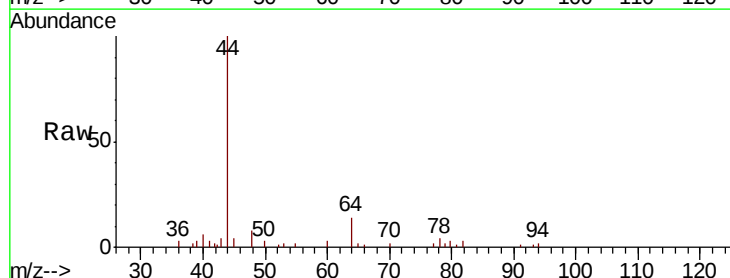
Acq: 10 Sep 2018 13:15

Tgt Ion: 64 Resp: 1049

Ion Ratio Lower Upper

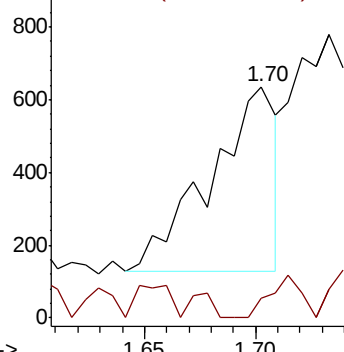
64 100

66 10.7 24.6 36.8#

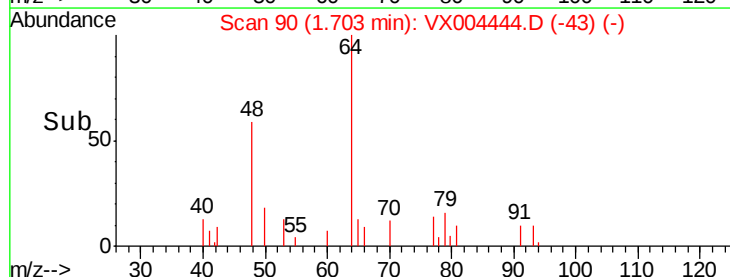


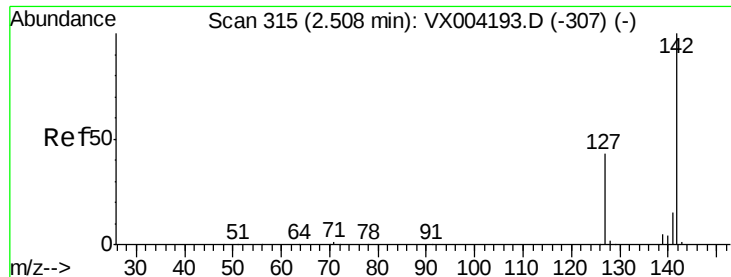
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->

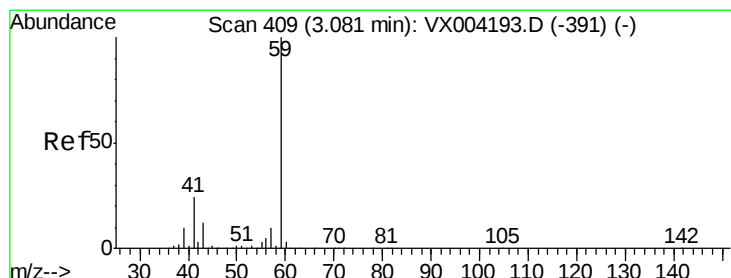
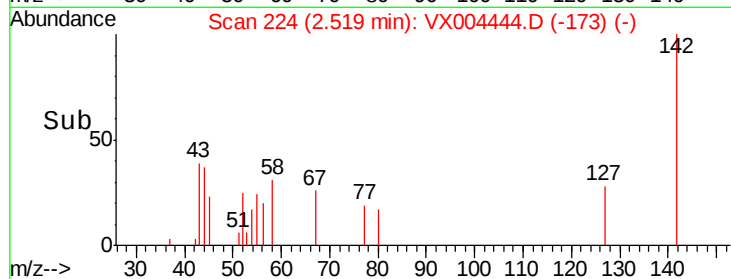
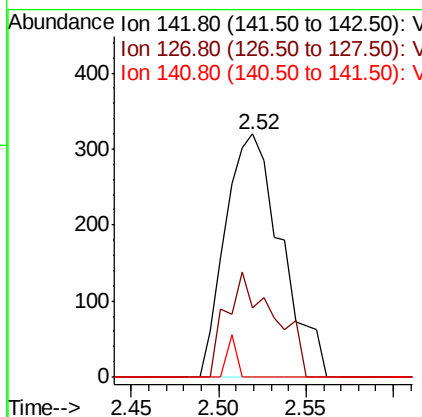
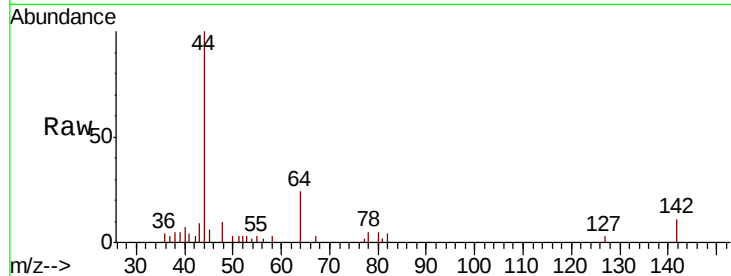




#10
Methvl Iodide
Concen: 4.43 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

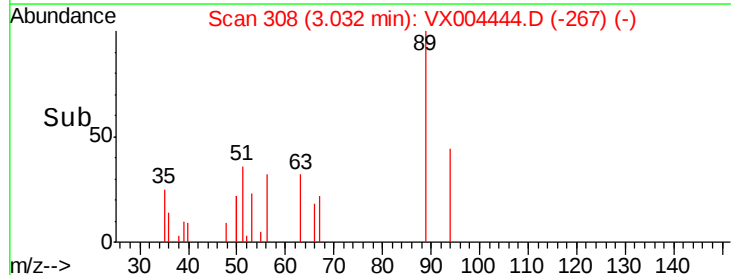
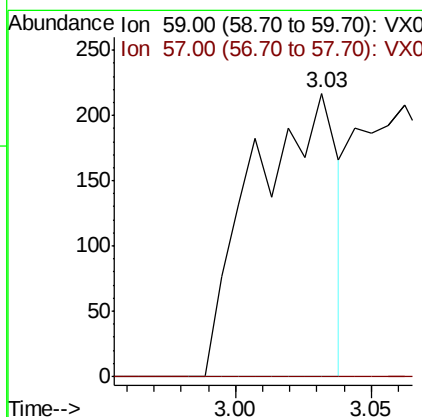
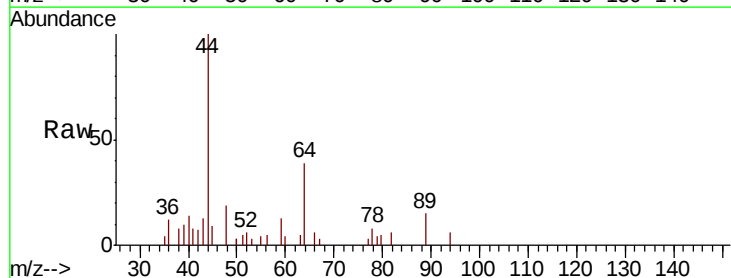
Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

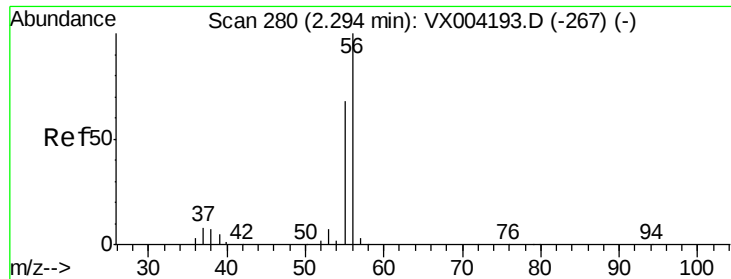
Tot Ion:142 Resp: 712
Ion Ratio Lower Upper
142 100
127 36.9 33.8 50.6
141 2.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.54 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.05 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 59 Resp: 463
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

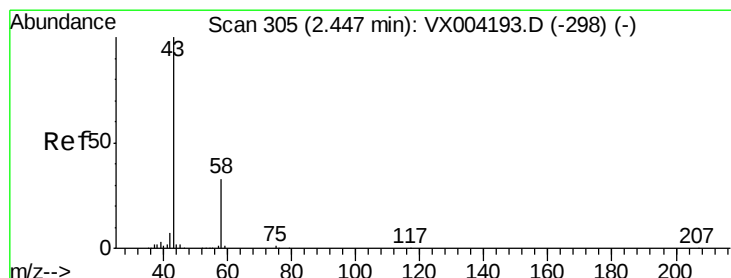
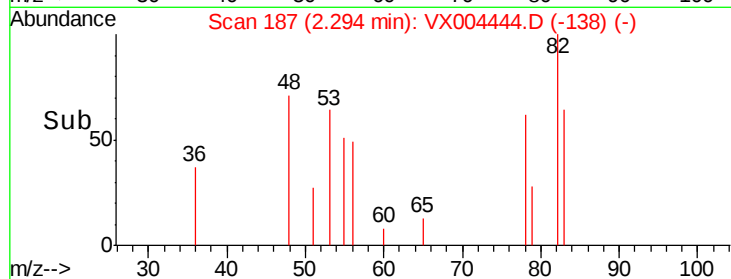
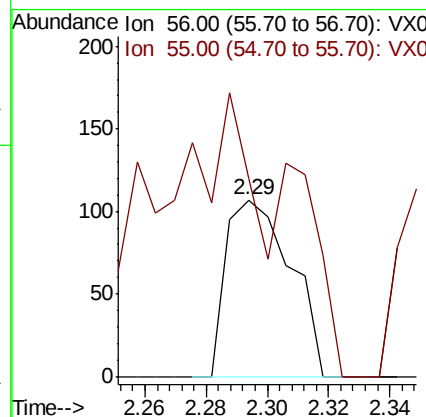
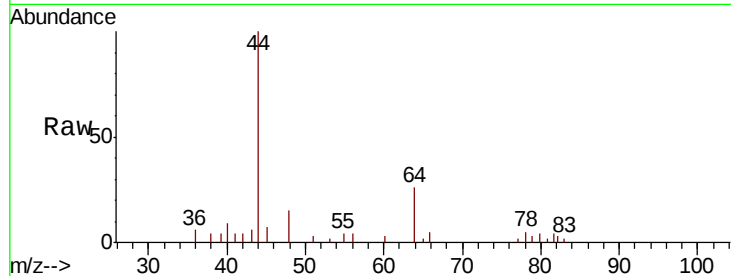




#13
Acrolein
Concen: 0.75 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

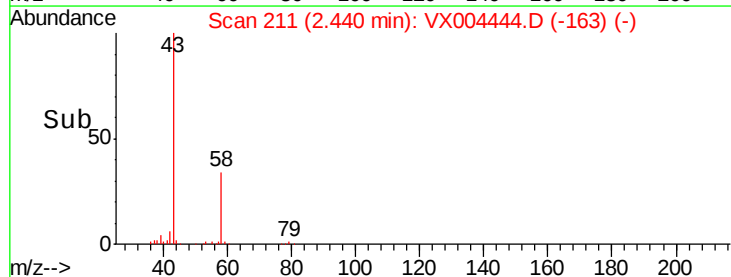
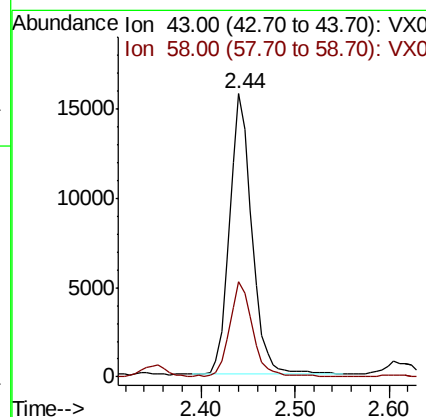
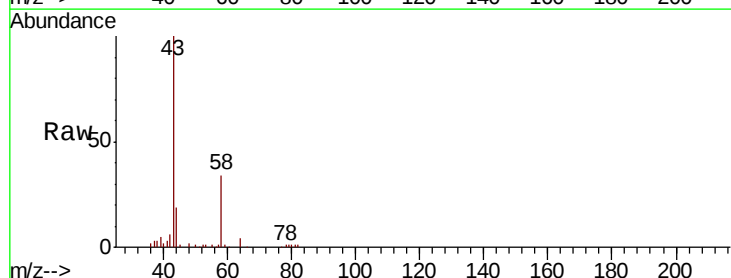
Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

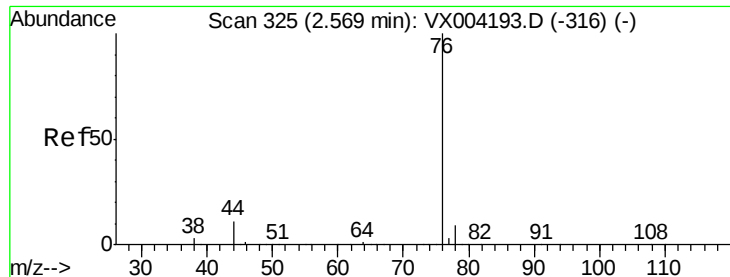
Tot Ion: 56 Resp: 156
Ion Ratio Lower Upper
56 100
55 129.5 54.7 82.1#



#16
Acetone
Concen: 7.82 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 43 Resp: 25920
Ion Ratio Lower Upper
43 100
58 34.0 26.2 39.4





#17

Carbon Disulfide

Concen: 0.90 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

Instrument :

MSVOA_X

ClientSampleId :

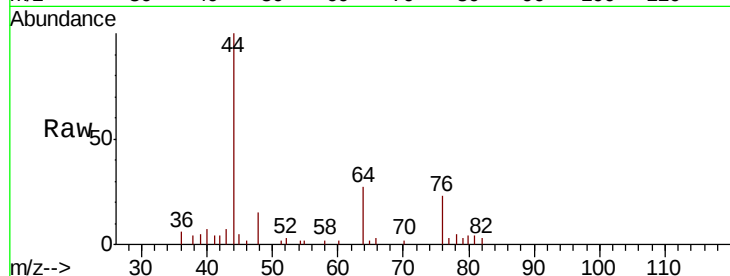
PB112704ZHE#01

Tot Ion: 76 Resp: 981

Ion Ratio Lower Upper

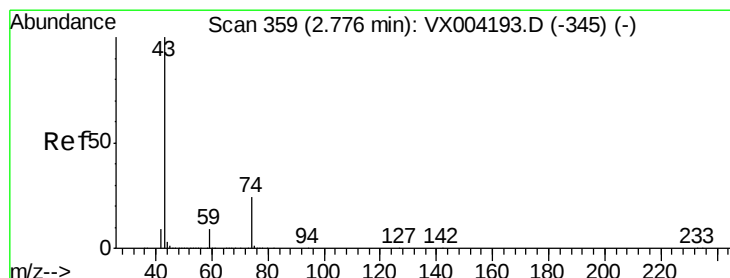
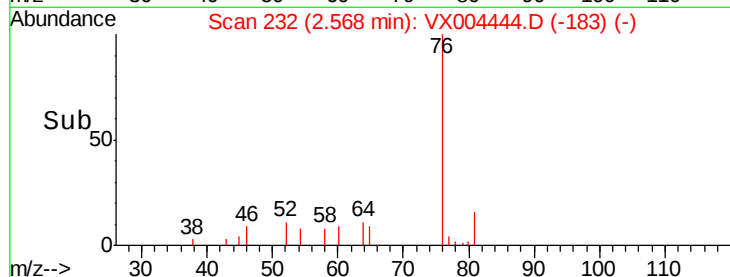
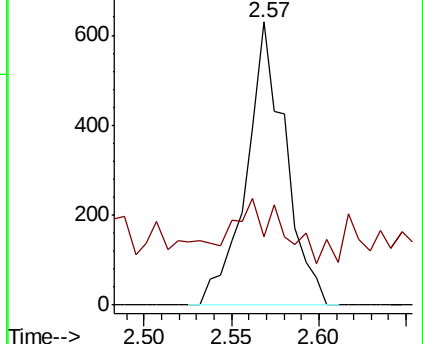
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.32 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004444.D

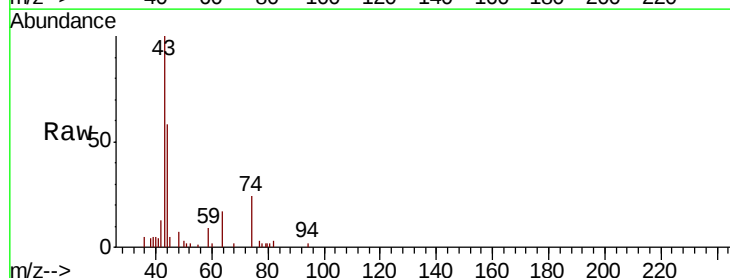
Acq: 10 Sep 2018 13:15

Tgt Ion: 43 Resp: 7966

Ion Ratio Lower Upper

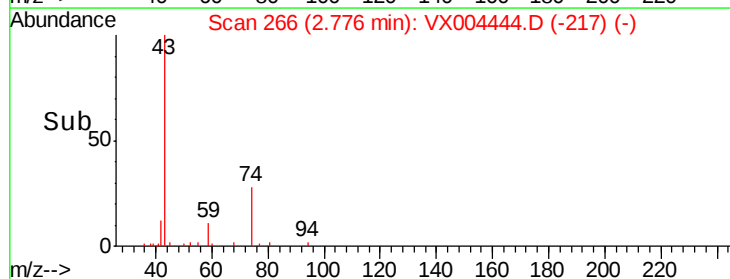
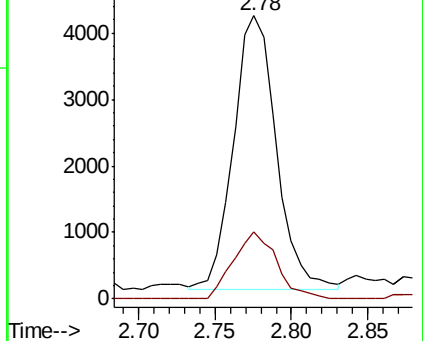
43 100

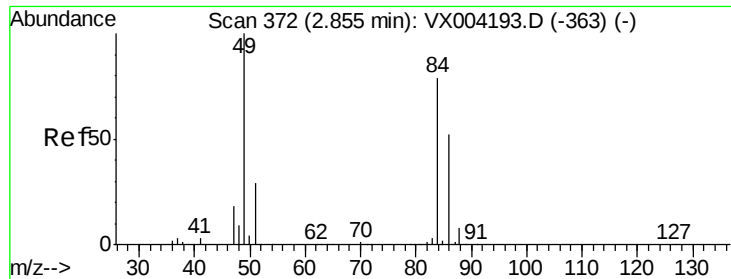
74 25.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

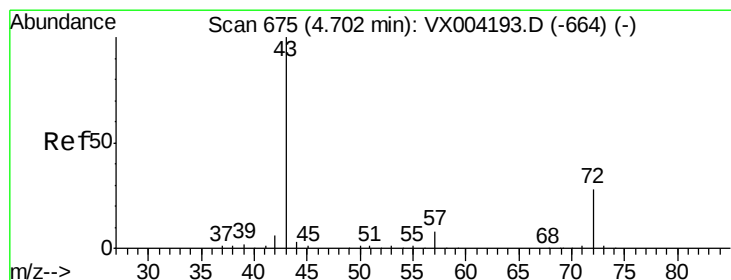
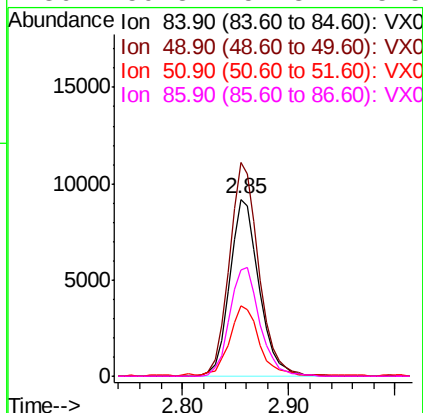
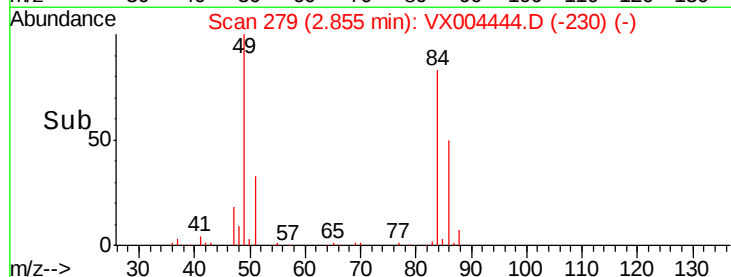
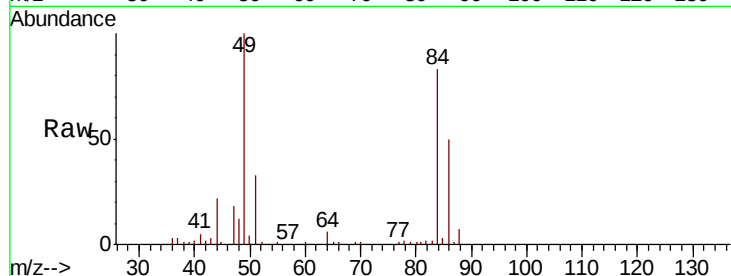




#20
Methvlene Chloride
Concen: 4.56 ua/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

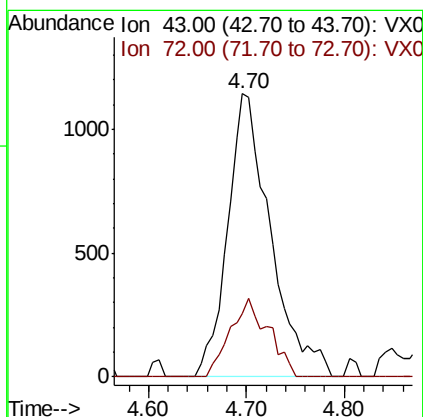
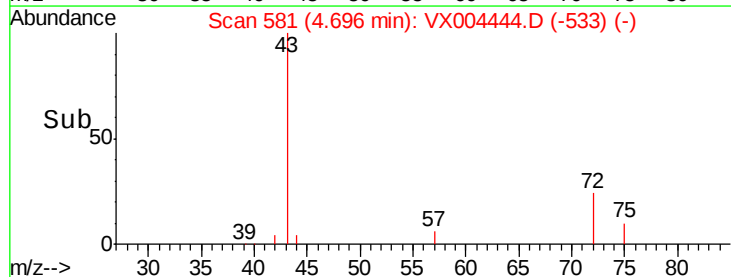
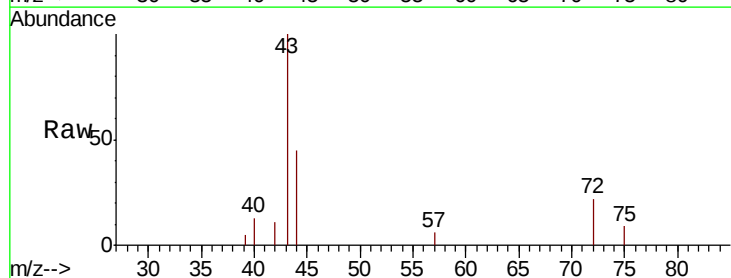
Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

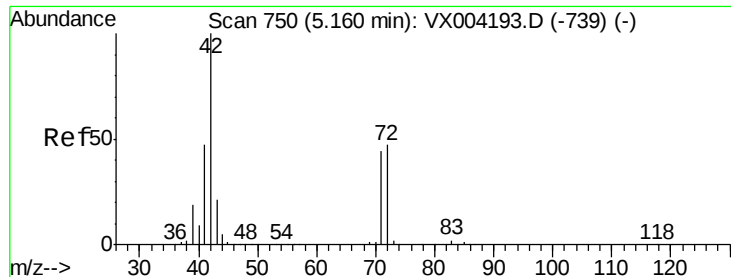
Tot Ion:	84	Resp:	17828
Ion	Ratio	Lower	Upper
84	100		
49	120.7	101.2	151.8
51	39.3	29.5	44.3
86	59.8	52.3	78.5



#25
2-Butanone
Concen: Below Cal
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion:	43	Resp:	3493
Ion	Ratio	Lower	Upper
43	100		
72	22.4	22.0	33.0





#29

Tetrahydrofuran

Concen: 0.93 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

Instrument :

MSVOA_X

ClientSampleId :

PB112704ZHE#01

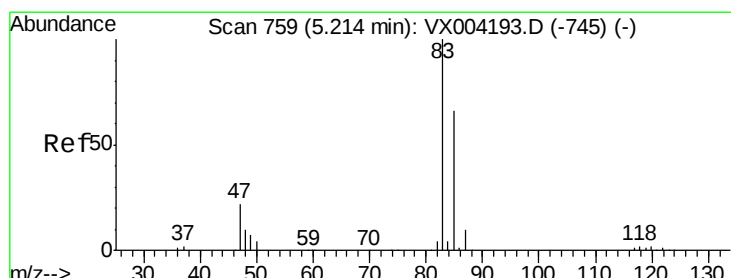
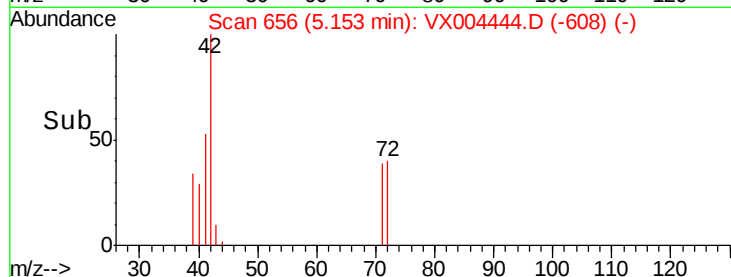
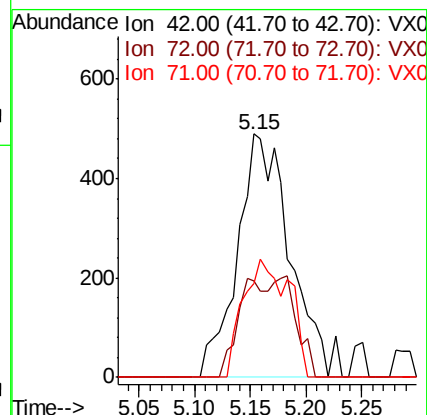
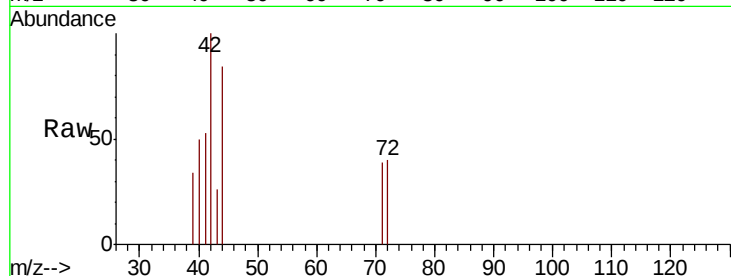
Tot Ion: 42 Resp: 1624

Ion Ratio Lower Upper

42 100

72 22.5 37.4 56.0#

71 41.9 34.5 51.7



#30

Chloroform

Concen: 0.57 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX004444.D

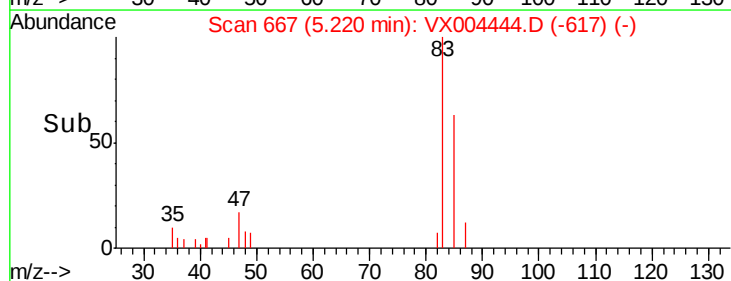
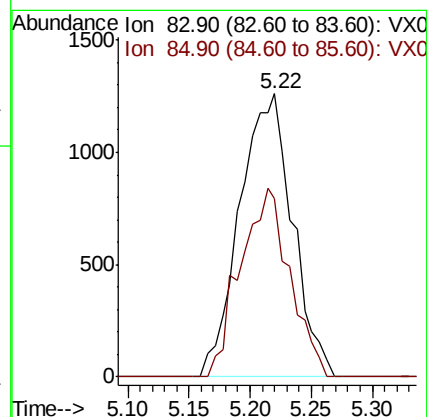
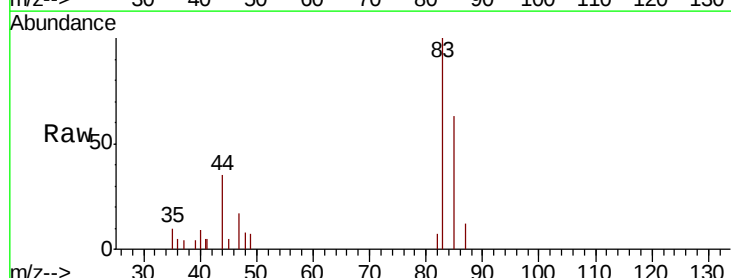
Acq: 10 Sep 2018 13:15

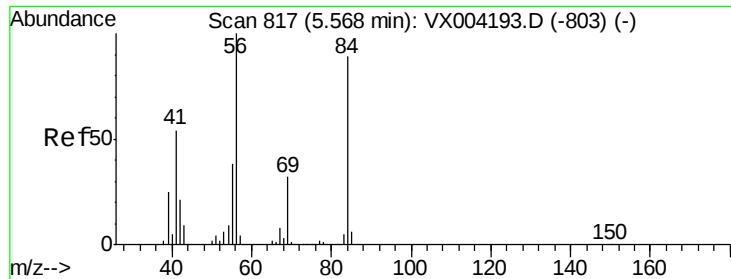
Tgt Ion: 83 Resp: 3774

Ion Ratio Lower Upper

83 100

85 62.9 52.6 79.0





#31

Cyclohexane

Concen: 0.91 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

Instrument :

MSVOA_X

ClientSampleId :

PB112704ZHE#01

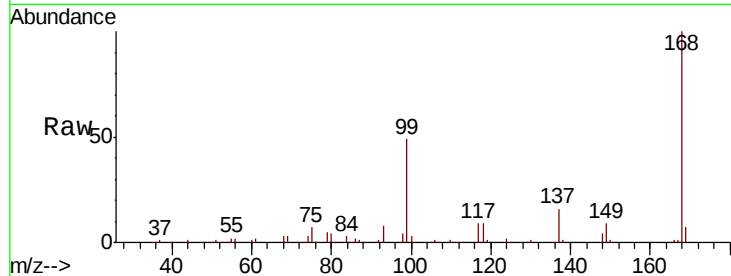
Tot Ion: 56 Resp: 5189

Ion Ratio Lower Upper

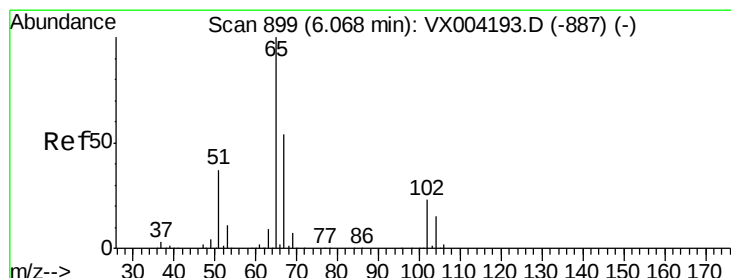
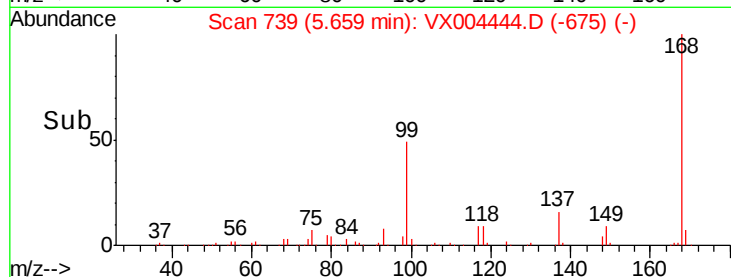
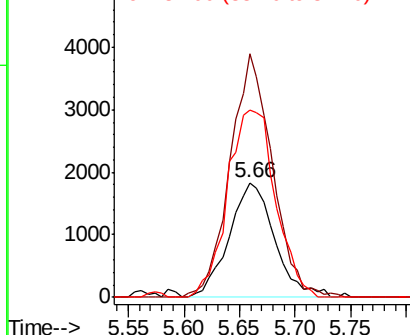
56 100

69 209.6 25.4 38.2#

84 163.5 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: 54.25 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004444.D

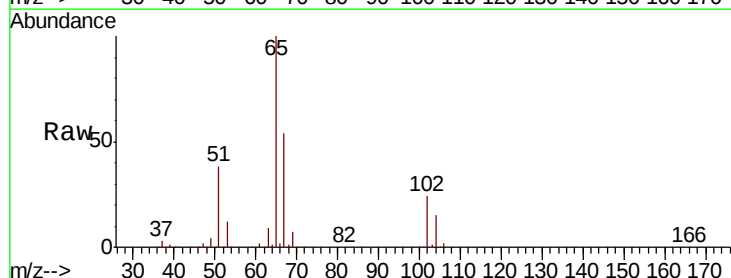
Acq: 10 Sep 2018 13:15

Tgt Ion: 65 Resp: 220238

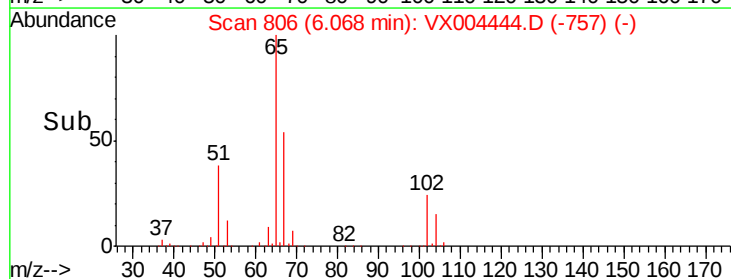
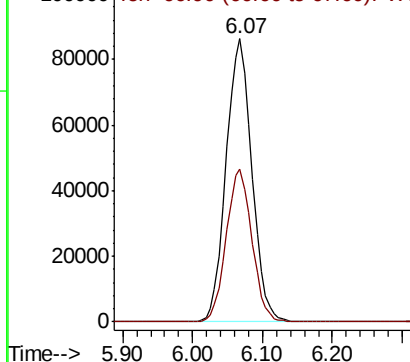
Ion Ratio Lower Upper

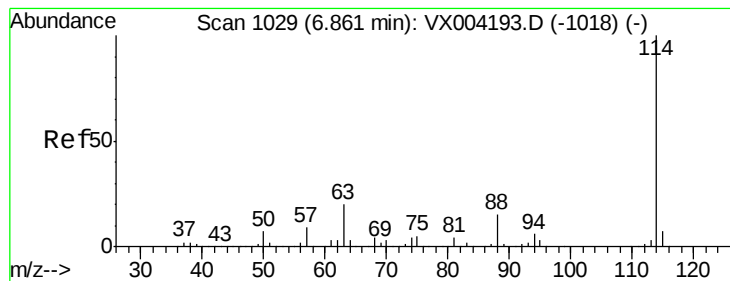
65 100

67 53.8 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: VX004444.D

Acq: 10 Sep 2018 13:15

Instrument :

MSVOA_X

ClientSampleId :

PB112704ZHE#01

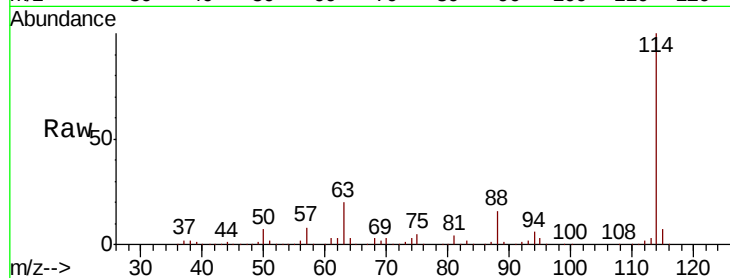
Tot Ion:114 Resp: 514541

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

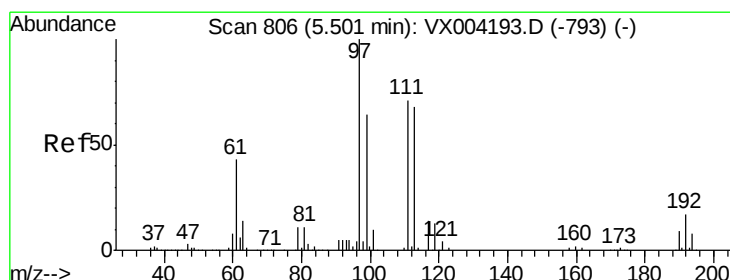
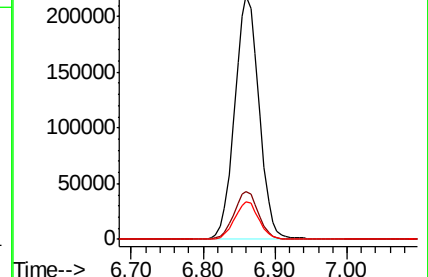
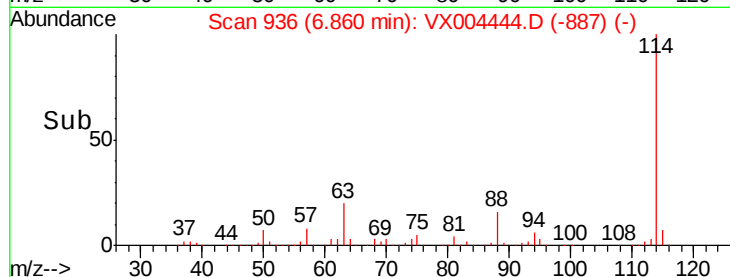
88 15.5 0.0 30.4



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: 51.41 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

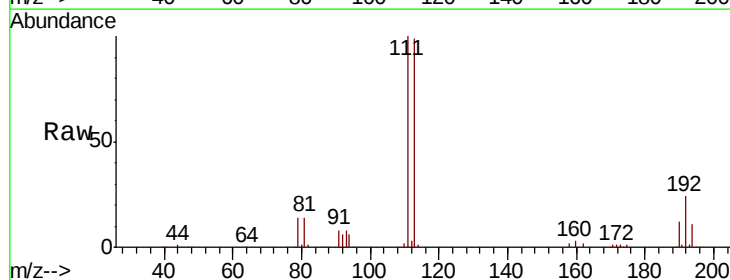
Tgt Ion:113 Resp: 196805

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

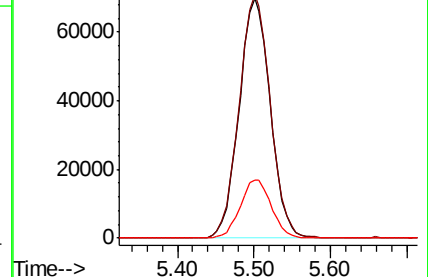
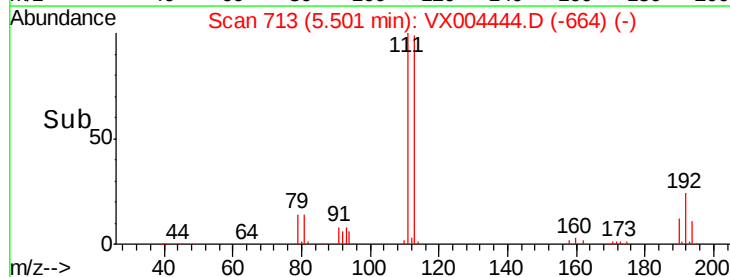
192 24.3 19.4 29.2

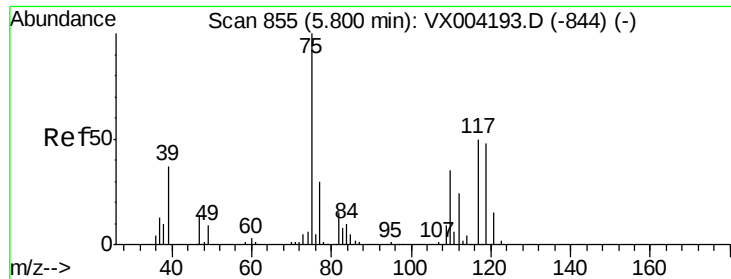


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

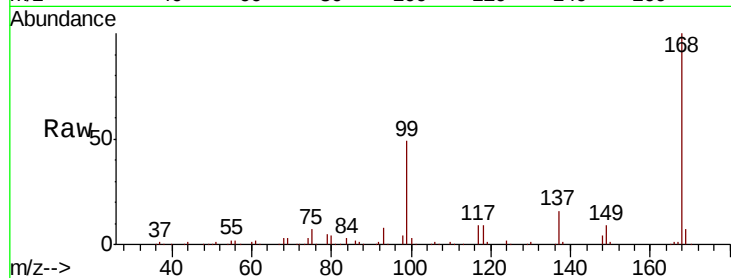




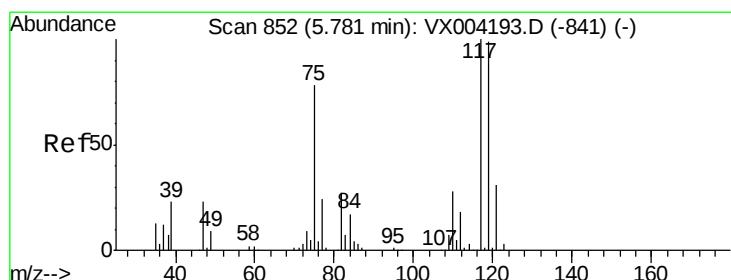
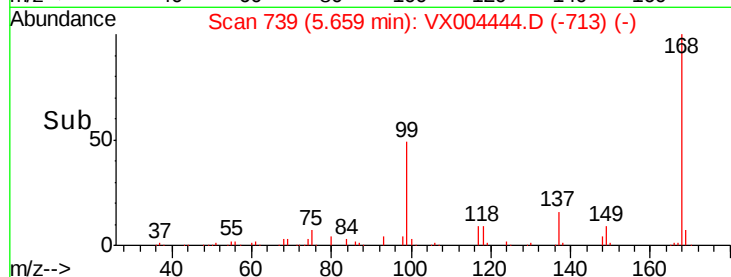
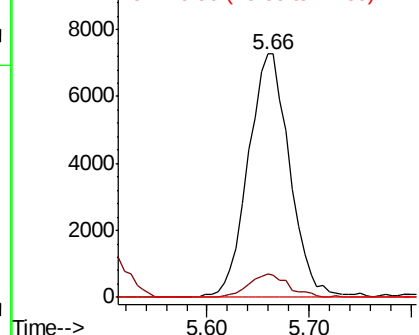
#36
 1,1-Dichloropropene
 Concen: 3.55 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004444.D
 Acq: 10 Sep 2018 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112704ZHE#01

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.0	54.0#
77	0.0	24.6	36.8#

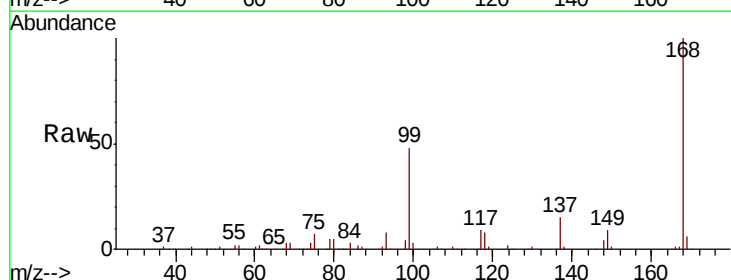


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

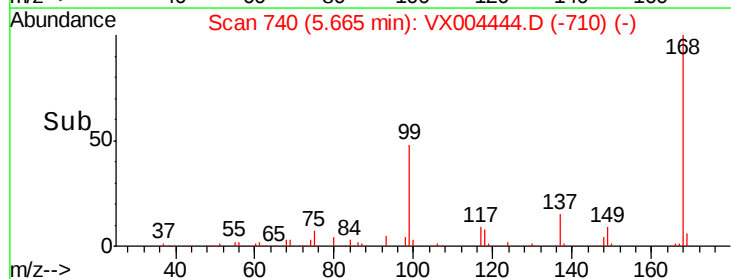
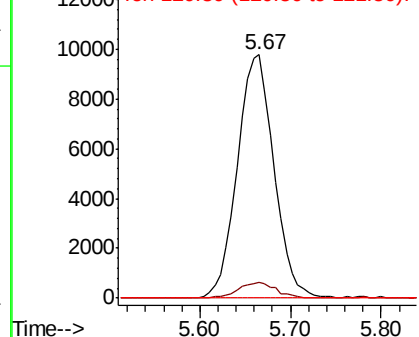


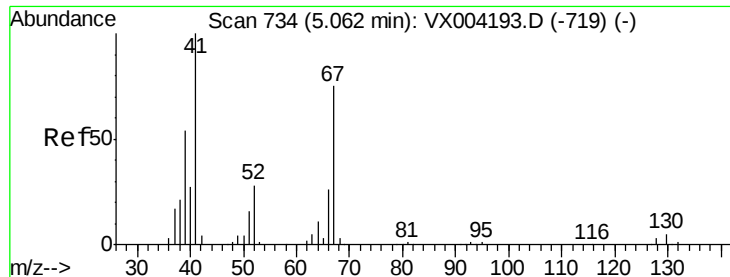
#38
 Carbon Tetrachloride
 Concen: 5.03 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX004444.D
 Acq: 10 Sep 2018 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.6	78.8	118.2#
121	0.0	24.9	37.3#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#41

Methacrylonitrile

Concen: 0.38 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.10 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

Instrument :

MSVOA_X

ClientSampleId :

PB112704ZHE#01

Tot Ion: 41 Resp: 1268

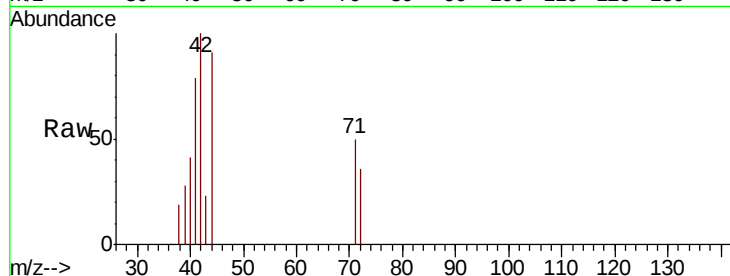
Ion Ratio Lower Upper

41 100

39 45.7 42.4 63.6

67 0.0 59.2 88.8#

52 0.0 23.0 34.4#

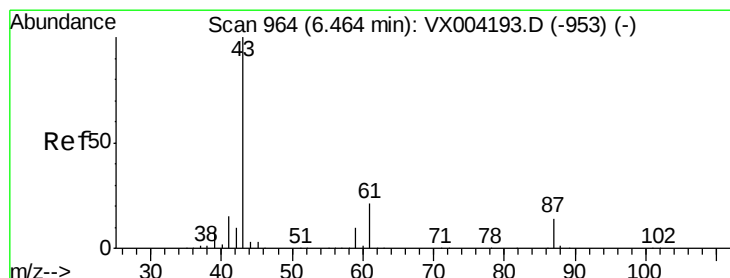
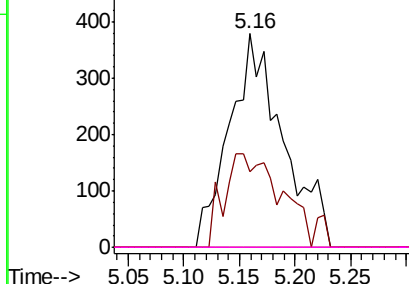
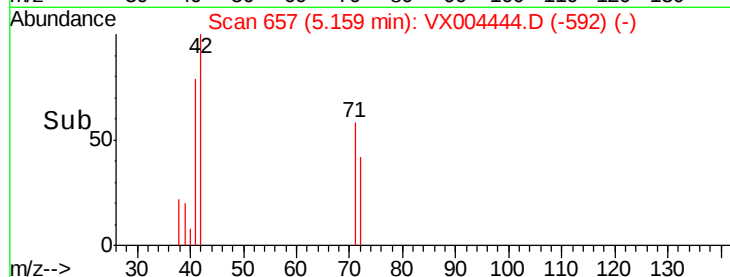


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#43

Isopropyl Acetate

Concen: 26.02 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

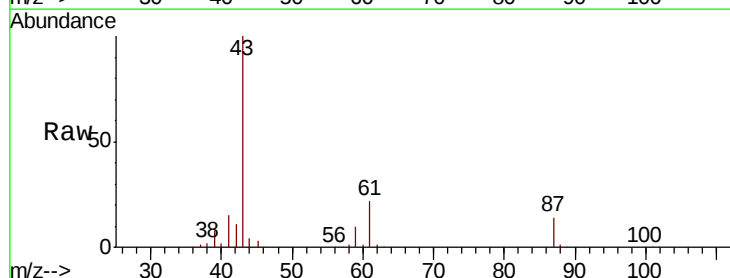
Tgt Ion: 43 Resp: 227496

Ion Ratio Lower Upper

43 100

61 21.2 17.0 25.4

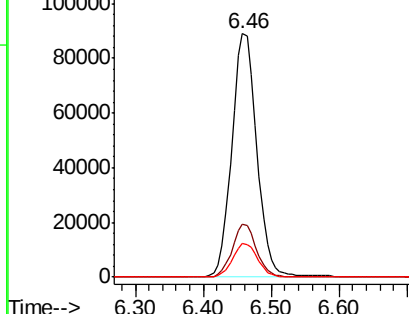
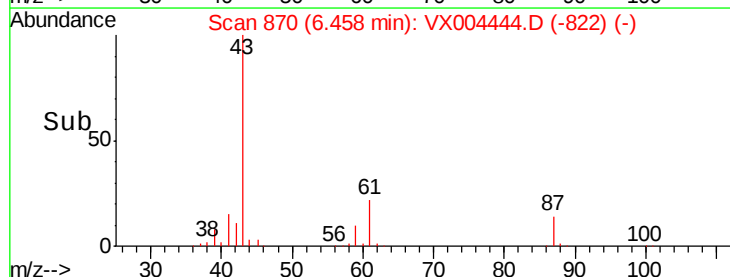
87 13.8 11.4 17.2

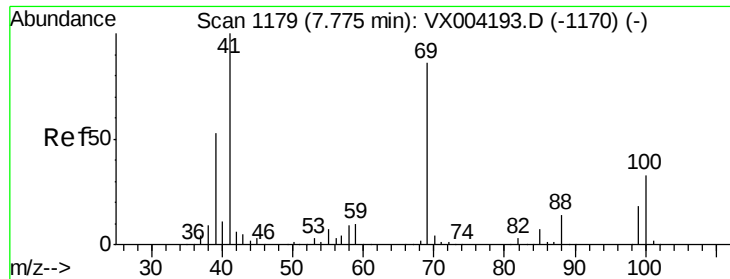


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

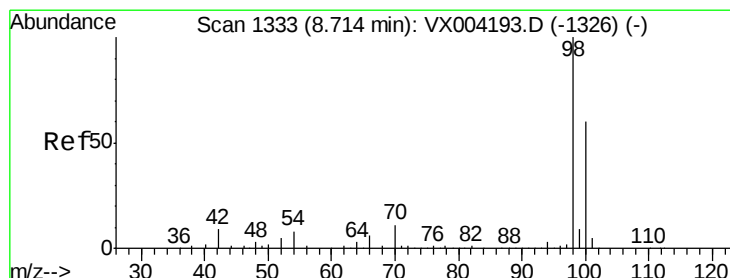
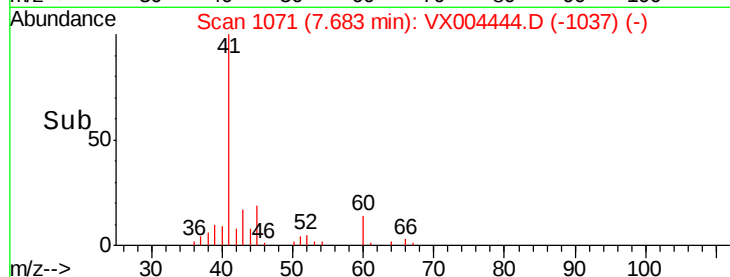
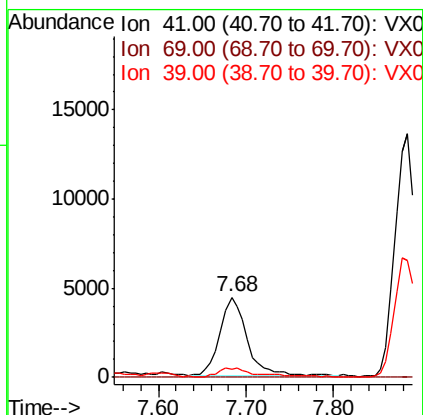
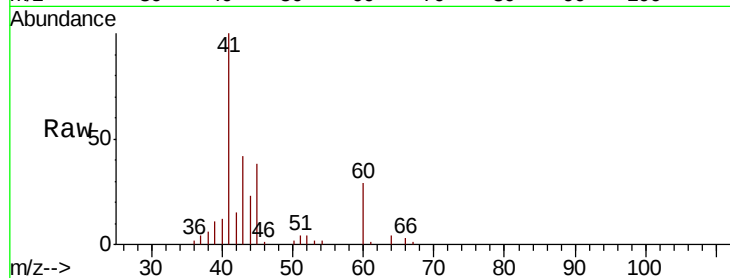




#48
Methvl methacrylate
Concen: 2.03 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

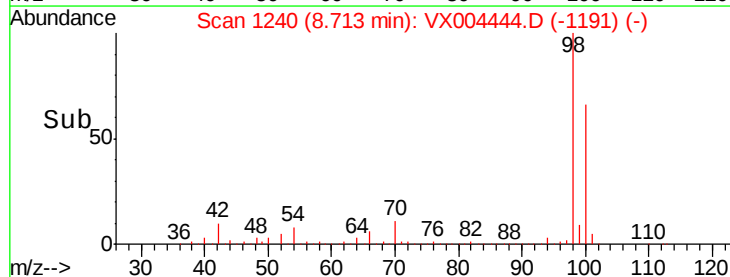
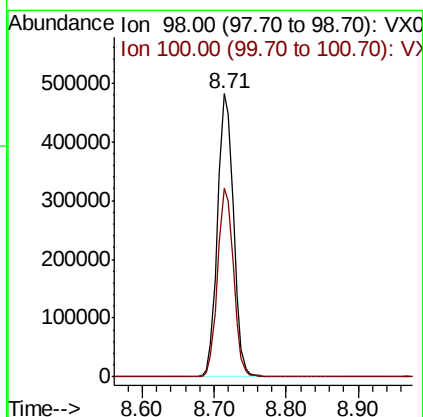
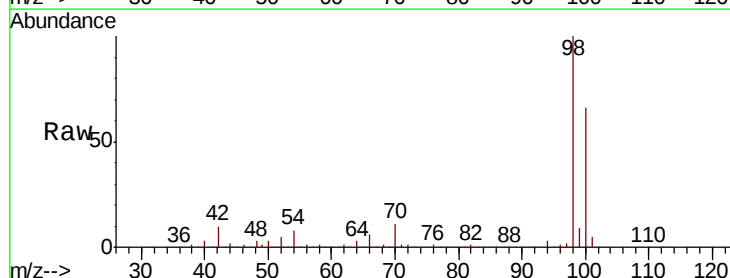
Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

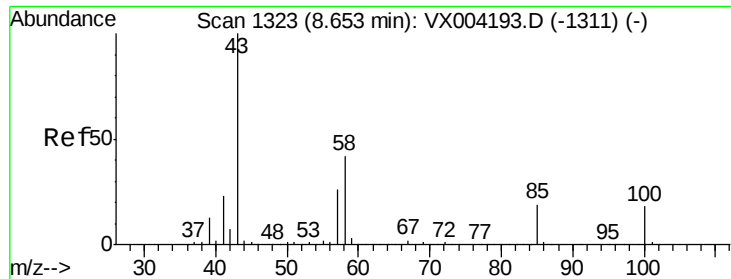
Tot Ion: 41 Resp: 9486
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 13.3 42.7 64.1#



#50
Toluene-d8
Concen: 51.19 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 98 Resp: 739559
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 0.60 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.04 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

Instrument :

MSVOA_X

ClientSampleId :

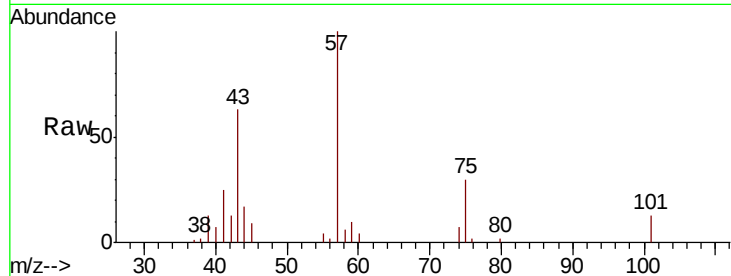
PB112704ZHE#01

Tot Ion: 43 Resp: 3828

Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

2500

2000

1500

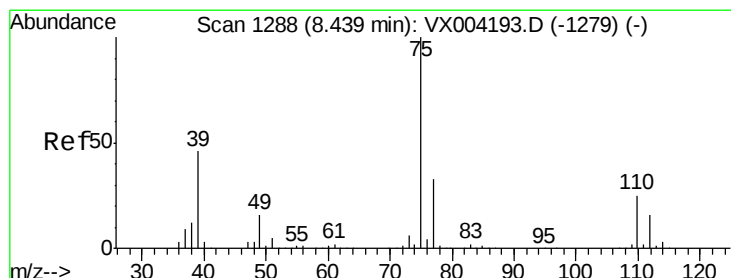
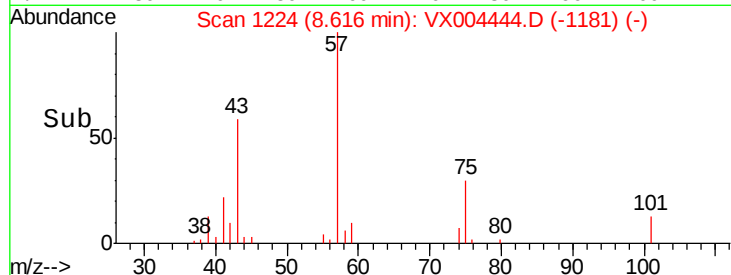
1000

500

0

8.55 8.60 8.65

Time-->



#54

cis-1,3-Dichloropropene

Concen: 0.28 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

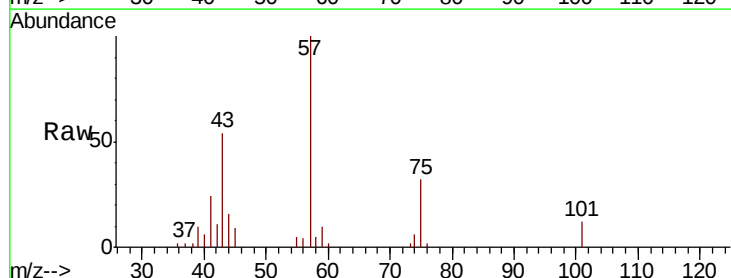
Tgt Ion: 75 Resp: 1832

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

39 24.8 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

1500

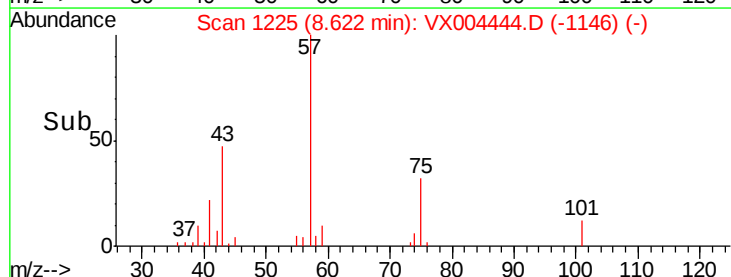
1000

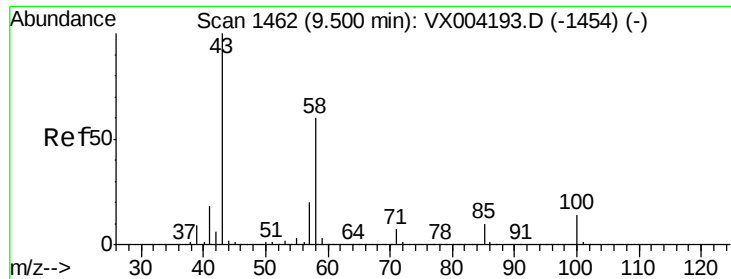
500

0

8.55 8.60 8.65

Time-->

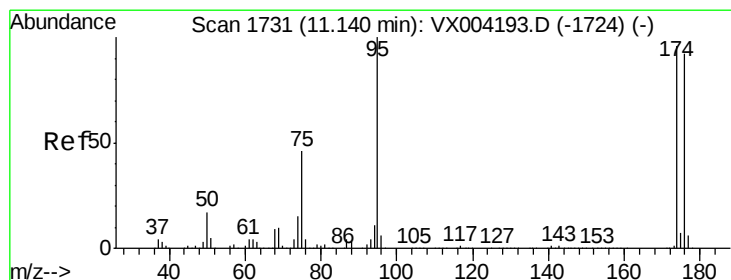
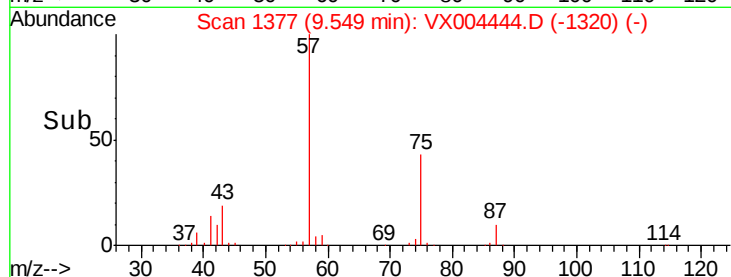
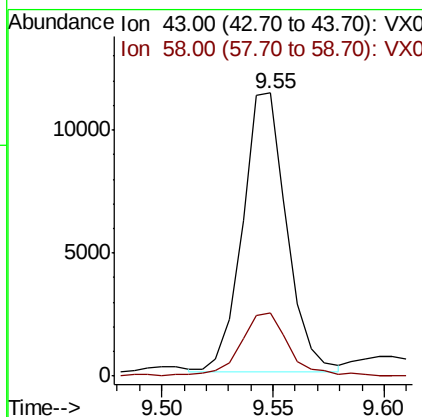
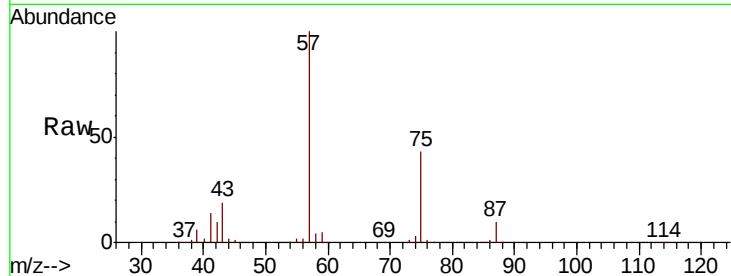




#59
 2-Hexanone
 Concen: 3.23 ug/l
 RT: 9.55 min Scan# 1377
 Delta R.T. 0.05 min
 Lab File: VX004444.D
 Acq: 10 Sep 2018 13:15

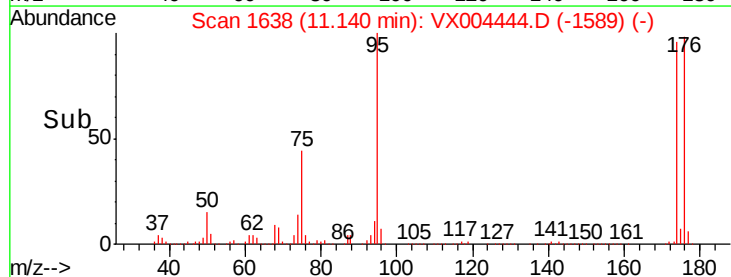
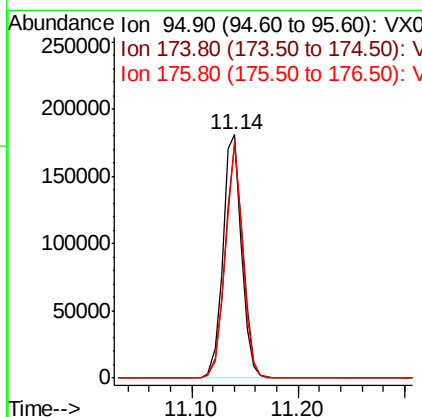
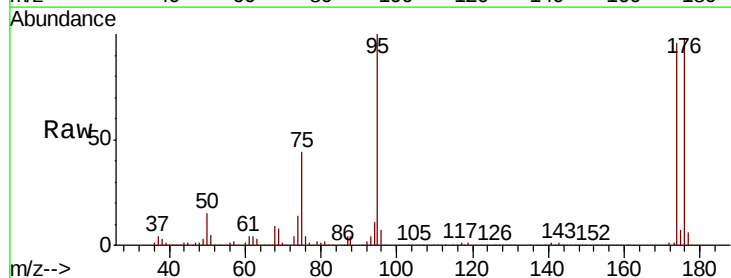
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112704ZHE#01

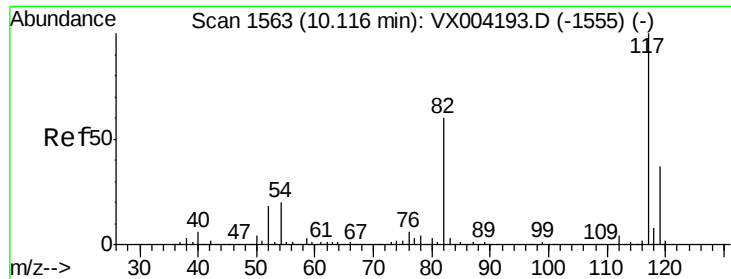
Tot Ion: 43 Resp: 15675
 Ion Ratio Lower Upper
 43 100
 58 24.8 29.0 87.0#



#62
 4-Bromofluorobenzene
 Concen: 41.15 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004444.D
 Acq: 10 Sep 2018 13:15

Tgt Ion: 95 Resp: 221837
 Ion Ratio Lower Upper
 95 100
 174 93.2 0.0 185.2
 176 90.5 0.0 178.6

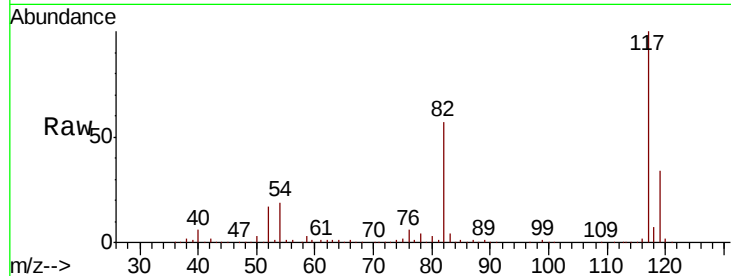




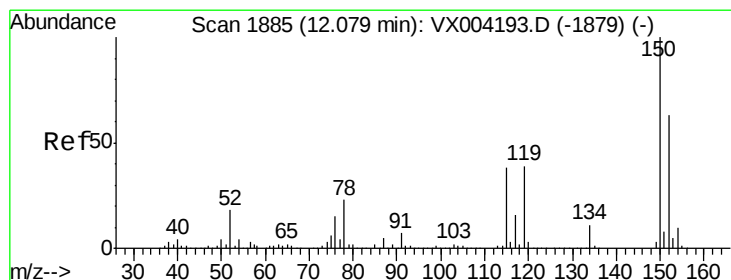
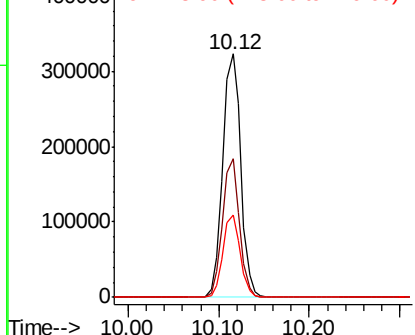
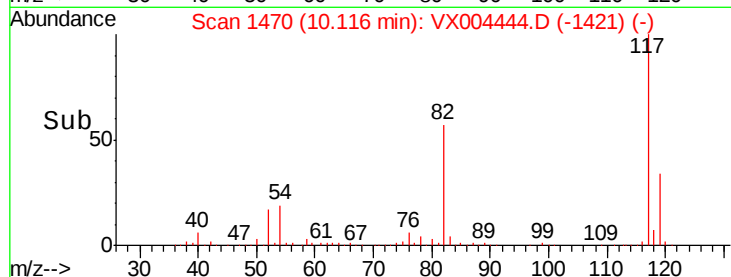
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

Tot Ion:117 Resp: 447712
Ion Ratio Lower Upper
117 100
82 57.0 47.8 71.6
119 33.6 29.3 43.9

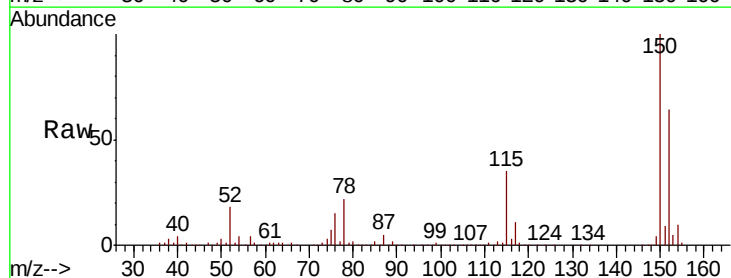


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

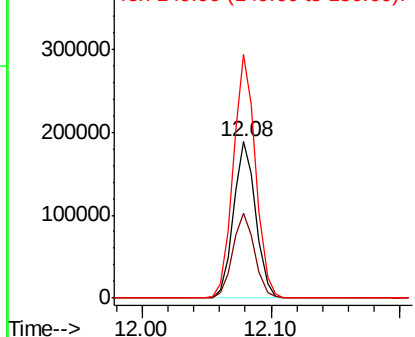
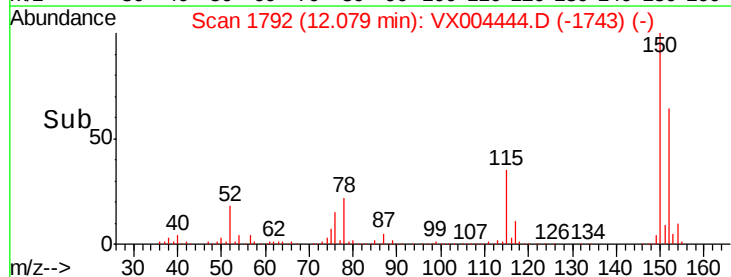


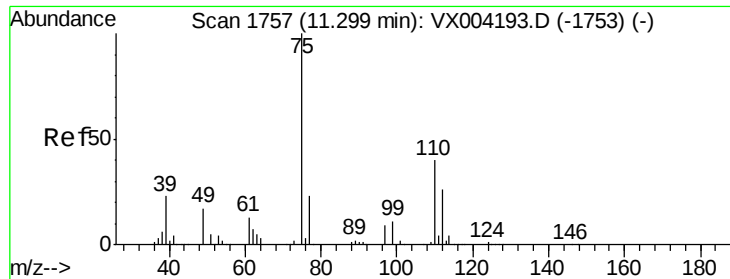
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion:152 Resp: 227068
Ion Ratio Lower Upper
152 100
115 54.1 39.0 117.0
150 156.0 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: 22.08 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

Instrument :

MSVOA_X

ClientSampleId :

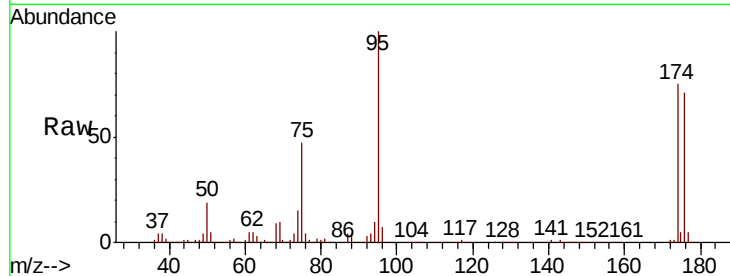
PB112704ZHE#01

Tot Ion: 75 Resp: 101977

Ion Ratio Lower Upper

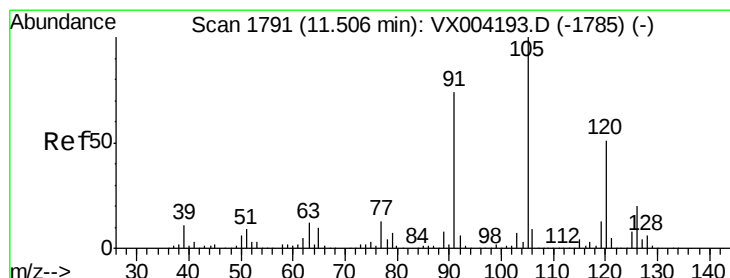
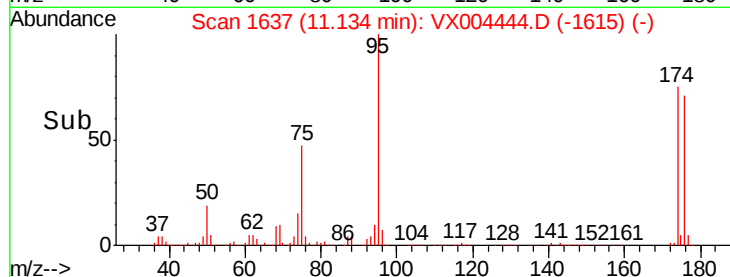
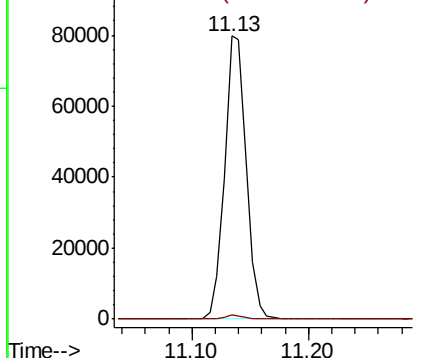
75 100

77 1.5 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: 0.23 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004444.D

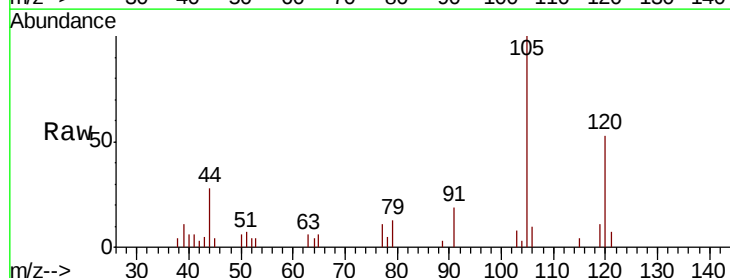
Acq: 10 Sep 2018 13:15

Tgt Ion:105 Resp: 2817

Ion Ratio Lower Upper

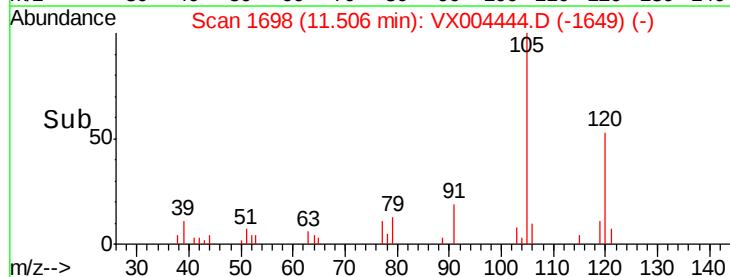
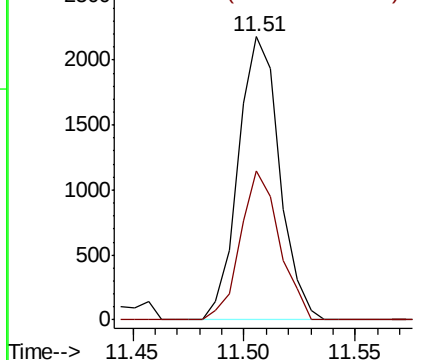
105 100

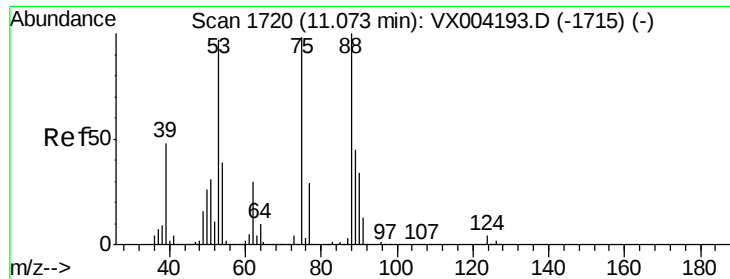
120 49.9 25.6 76.8



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: 71.65 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

Instrument :

MSVOA_X

ClientSampleId :

PB112704ZHE#01

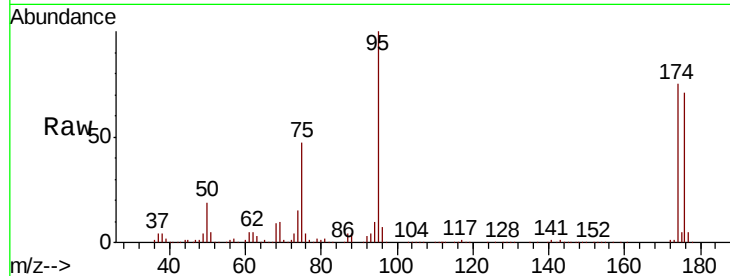
Tot Ion: 75 Resp: 101977

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

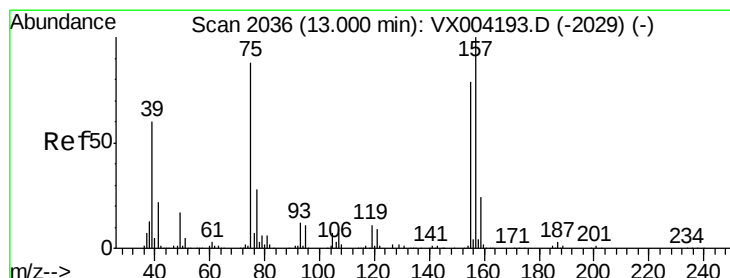
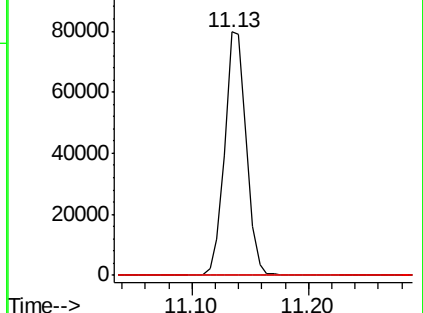
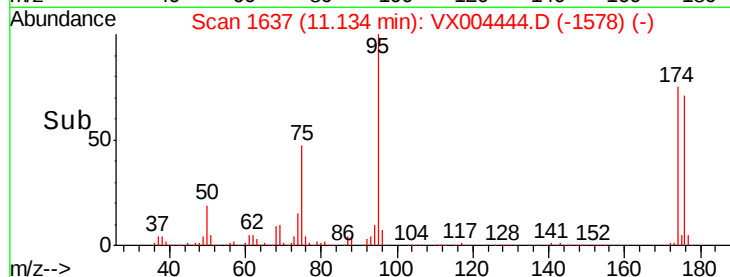
89 0.0 37.2 55.8#



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: 0.28 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX004444.D

Acq: 10 Sep 2018 13:15

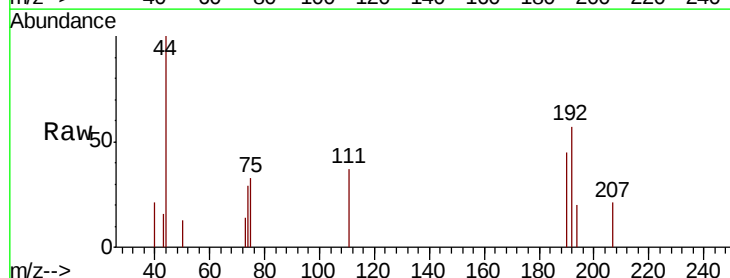
Tgt Ion: 75 Resp: 258

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

