

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004930.D
 Acq On : 02 Oct 2018 20:22
 Operator : JC/MD
 Sample : PB113364ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#07

Quant Time: Oct 03 04:43:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340136	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184574	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	161042	56.34	ug/l	0.00
Spiked Amount			Recovery	=	112.68%	
35) Dibromofluoromethane	5.51	113	133761	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
50) Toluene-d8	8.72	98	495434	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	11.14	95	177604	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	

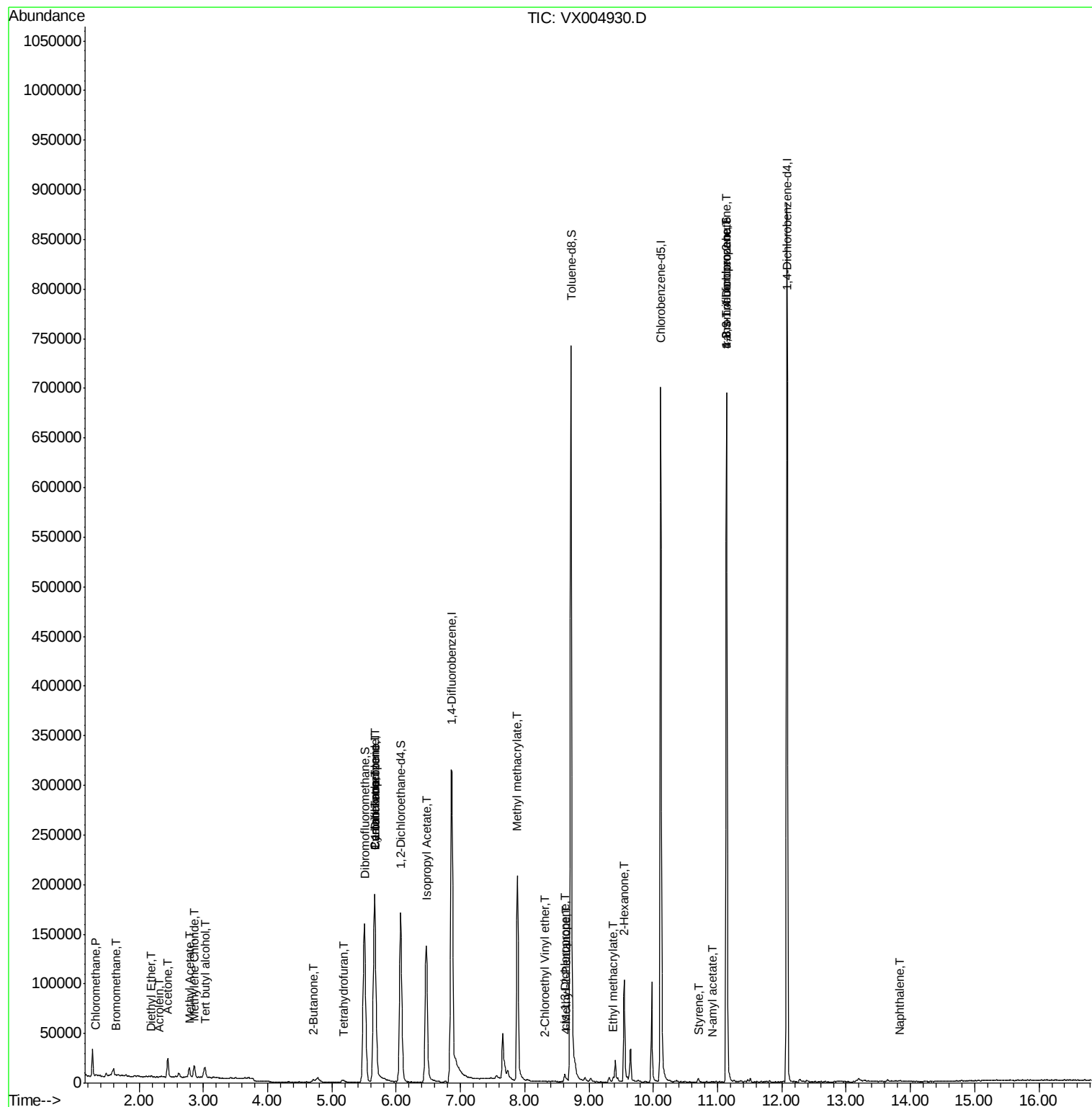
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	664	0.201	ug/l #	87
5) Bromomethane	1.65	94	382	0.207	ug/l #	80
6) Chloroethane	1.75	64	355	Below Cal	#	65
8) Diethyl Ether	2.19	74	533	0.319	ug/l	93
11) Tert butyl alcohol	3.03	59	6617	8.279	ug/l #	76
13) Acrolein	2.31	56	135	0.237	ug/l #	54
16) Acetone	2.45	43	19982	11.973	ug/l	92
18) Methyl Acetate	2.78	43	11796	2.790	ug/l	97
20) Methylene Chloride	2.85	84	5328	1.380	ug/l	94
25) 2-Butanone	4.71	43	5242	2.131	ug/l	96
29) Tetrahydrofuran	5.18	42	1966	1.286	ug/l #	76
31) Cyclohexane	5.66	56	4064	1.117	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14173	3.604	ug/l #	45
38) Carbon Tetrachloride	5.67	117	18181	4.398	ug/l #	19
43) Isopropyl Acetate	6.47	43	193331	25.656	ug/l	98
48) Methyl methacrylate	7.88	41	19694	5.758	ug/l #	43
51) 4-Methyl-2-Pentanone	8.65	43	1196	0.252	ug/l #	38
54) cis-1,3-Dichloropropene	8.62	75	1197	0.285	ug/l #	72
56) Ethyl methacrylate	9.38	69	140	2.890	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	59	14.264	ug/l #	49
59) 2-Hexanone	9.55	43	11933	3.018	ug/l #	54
70) Styrene	10.71	104	286	2.170	ug/l #	89
74) N-ethyl acetate	10.92	43	75	1.759	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	88066	21.288	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1203	Below Cal		95
81) trans-1,4-Dichloro-2-buten	11.14	75	88066	57.739	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	512	Below Cal	#	65
95) Naphthalene	13.83	128	811	0.772	ug/l #	90

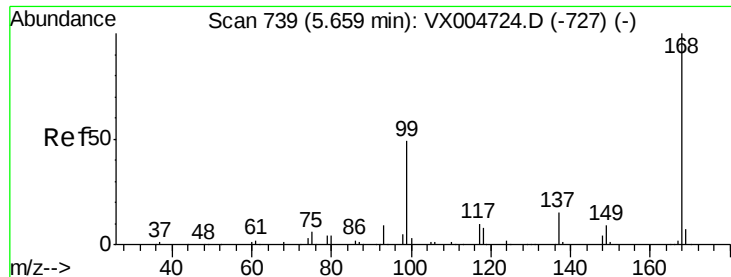
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100318\
Data File : VX004930.D
Acq On : 02 Oct 2018 20:22
Operator : JC/MD
Sample : PB113364ZHE#07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Oct 03 04:43:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

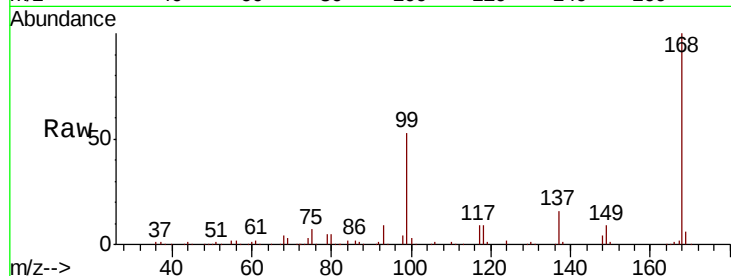
PB113364ZHE#07

Tot Ion:168 Resp: 200112

Ion Ratio Lower Upper

168 100

99 52.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

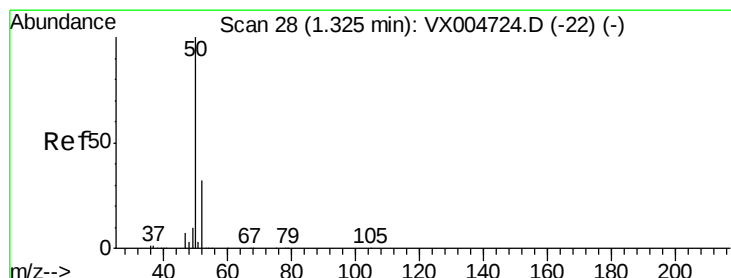
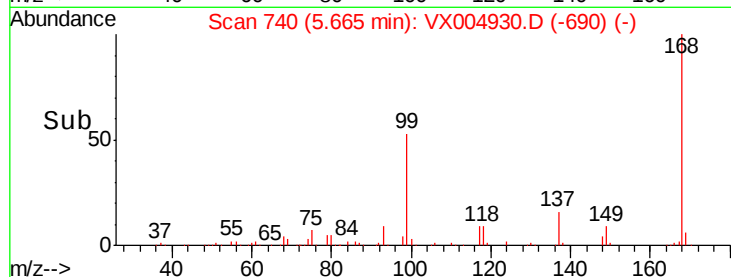
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.201 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004930.D

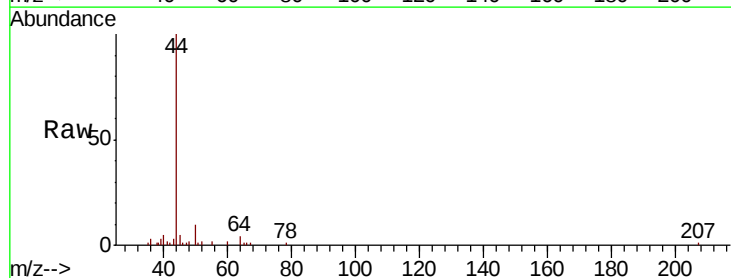
Acq: 02 Oct 2018 20:22

Tgt Ion: 50 Resp: 664

Ion Ratio Lower Upper

50 100

52 24.9 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

300

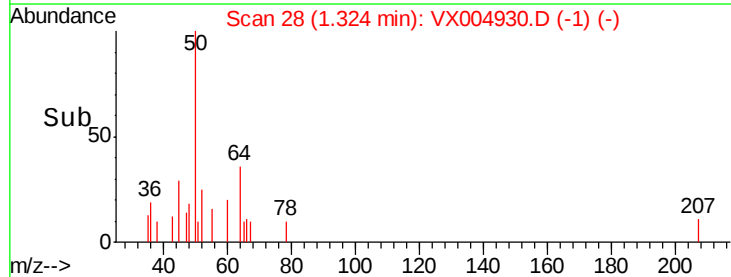
200

100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.207 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

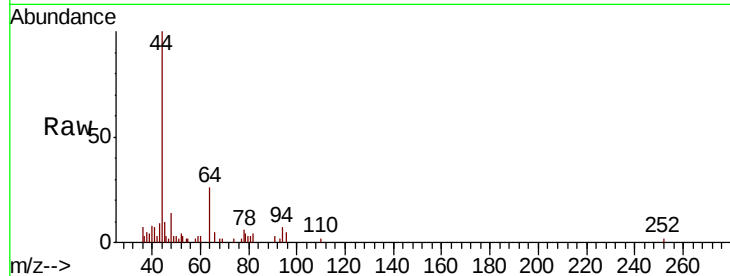
PB113364ZHE#07

Tot Ion: 94 Resp: 382

Ion Ratio Lower Upper

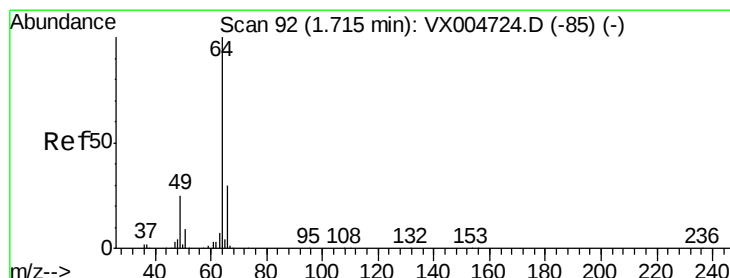
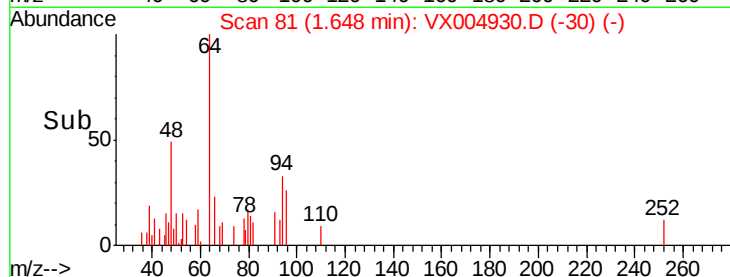
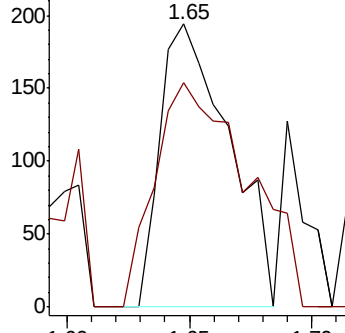
94 100

96 79.4 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 98

Delta R.T. 0.04 min

Lab File: VX004930.D

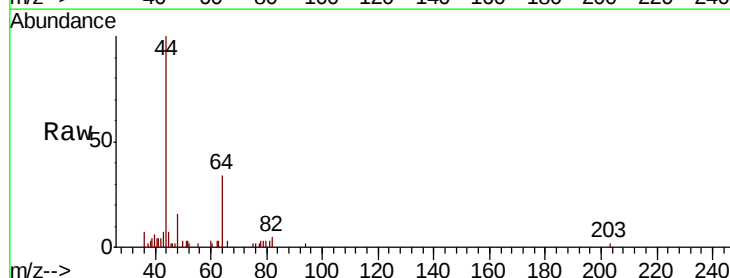
Acq: 02 Oct 2018 20:22

Tgt Ion: 64 Resp: 355

Ion Ratio Lower Upper

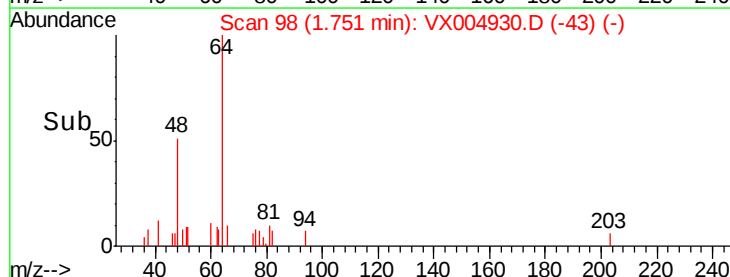
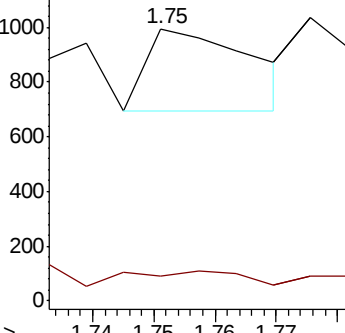
64 100

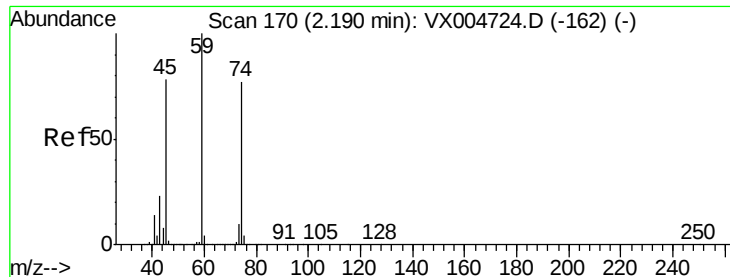
66 10.6 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.319 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

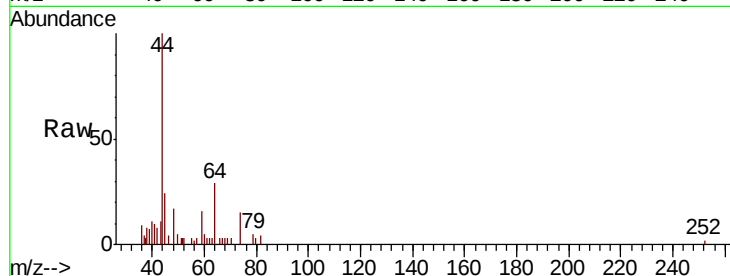
PB113364ZHE#07

Tot Ion: 74 Resp: 533

Ion Ratio Lower Upper

74 100

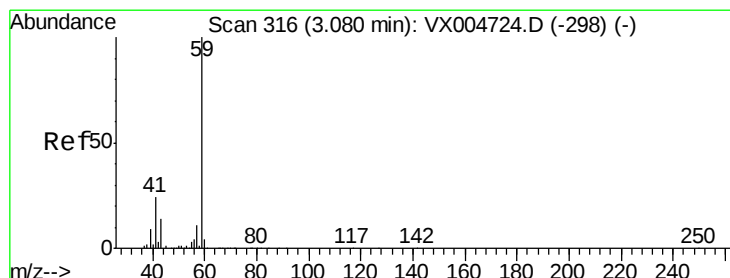
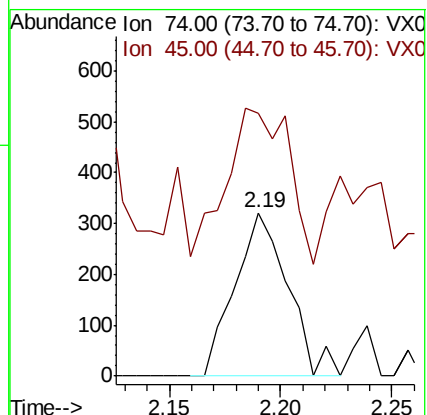
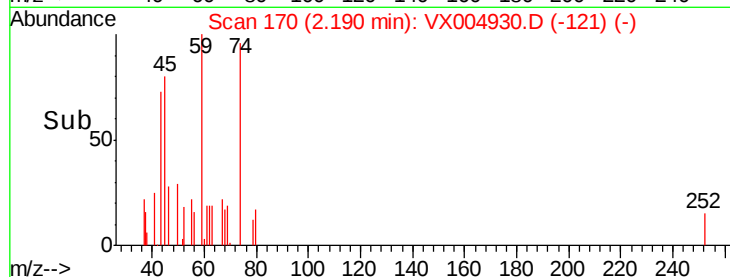
45 112.4 52.5 157.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

Time-->



#11

Tert butyl alcohol

Concen: 8.279 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX004930.D

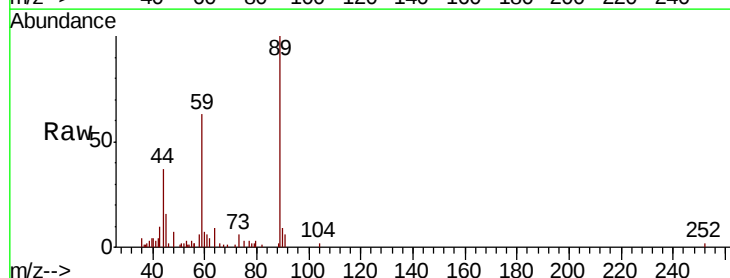
Acq: 02 Oct 2018 20:22

Tgt Ion: 59 Resp: 6617

Ion Ratio Lower Upper

59 100

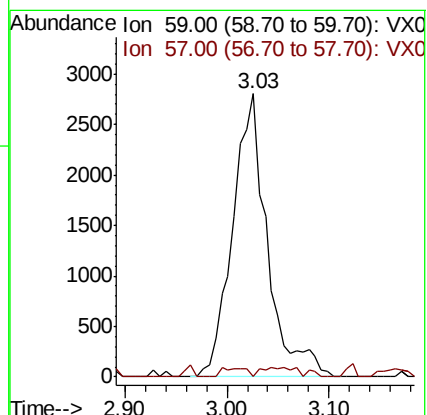
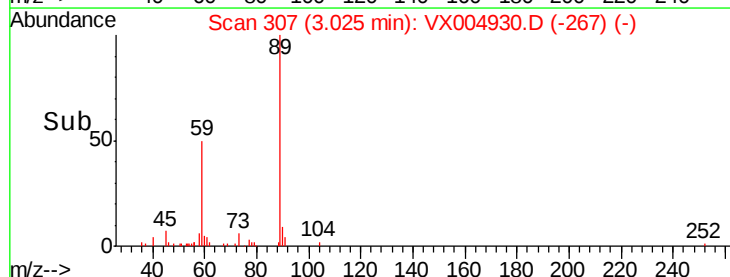
57 1.8 8.6 12.8#

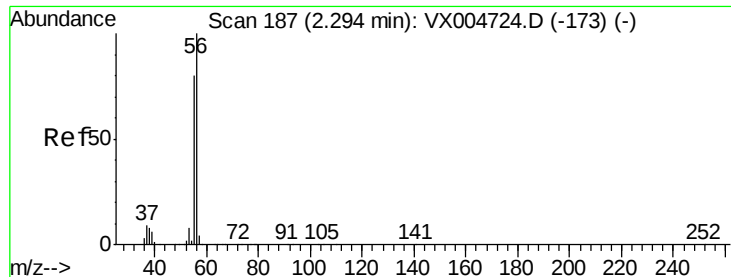


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Time-->





#13

Acrolein

Concen: 0.237 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

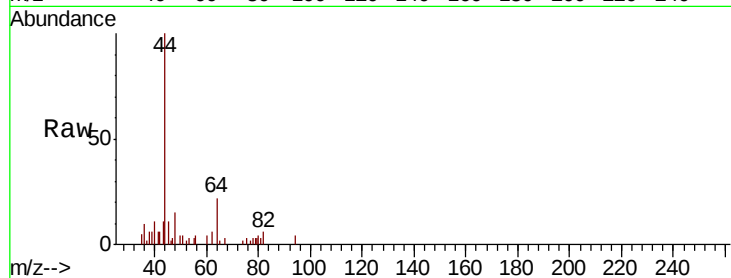
PB113364ZHE#07

Tot Ion: 56 Resp: 135

Ion Ratio Lower Upper

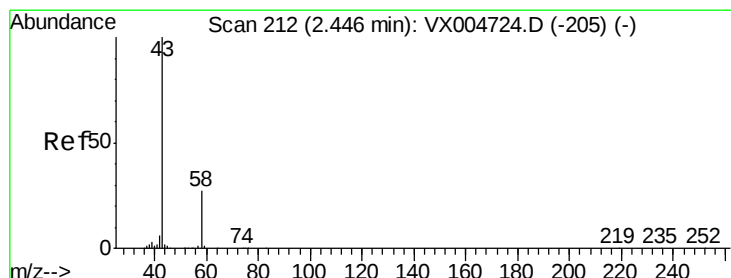
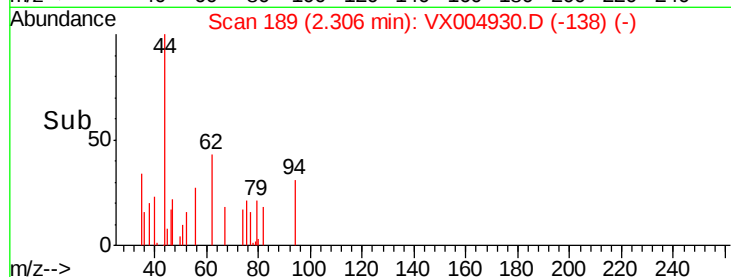
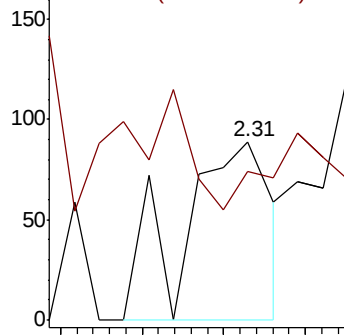
56 100

55 39.3 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 11.973 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004930.D

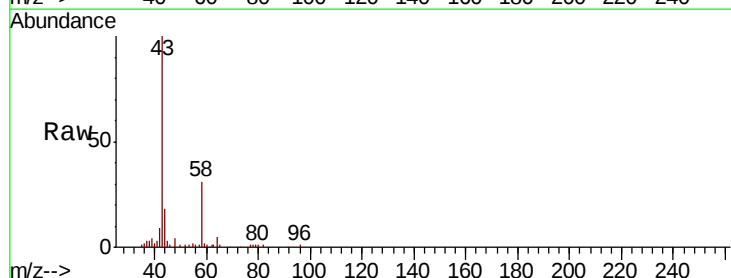
Acq: 02 Oct 2018 20:22

Tgt Ion: 43 Resp: 19982

Ion Ratio Lower Upper

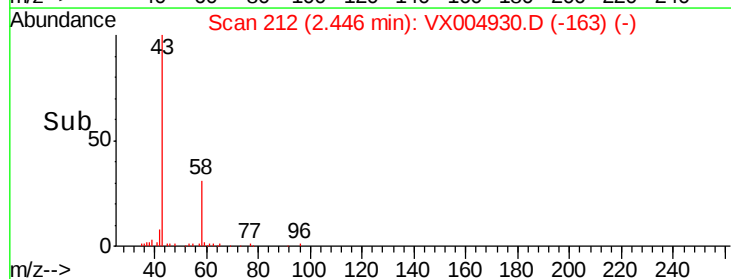
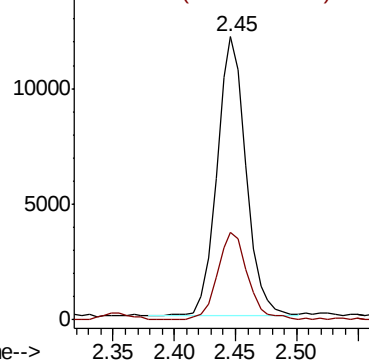
43 100

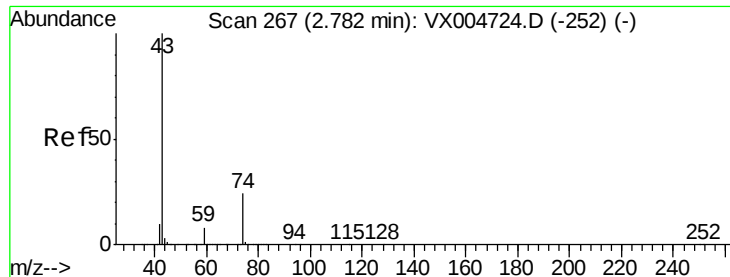
58 31.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

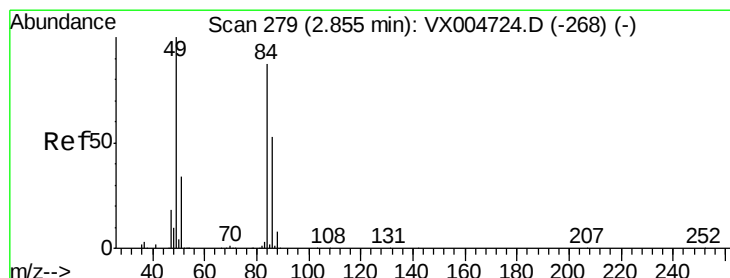
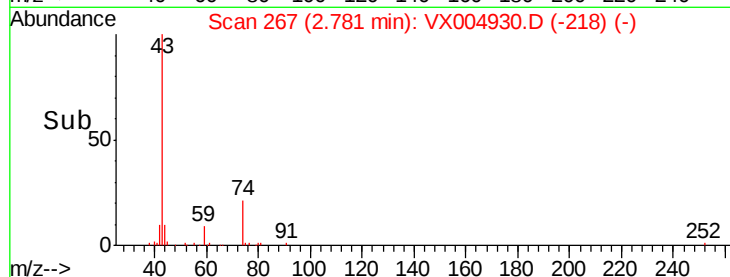
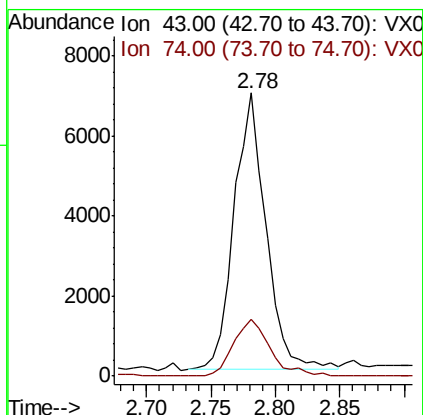
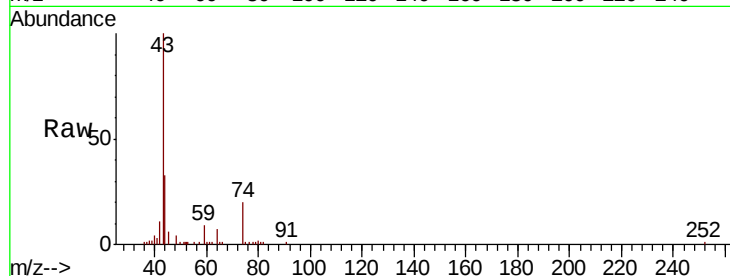




#18
Methvl Acetate
Concen: 2.790 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

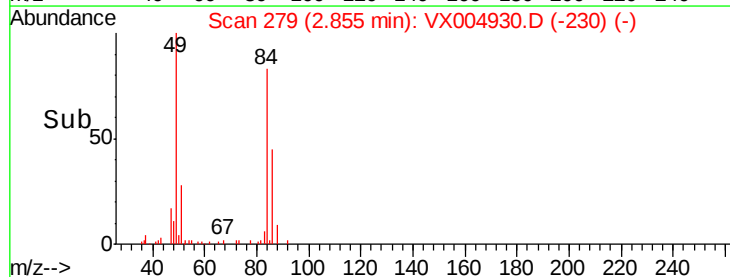
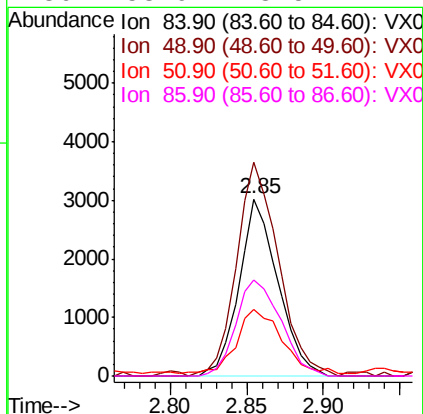
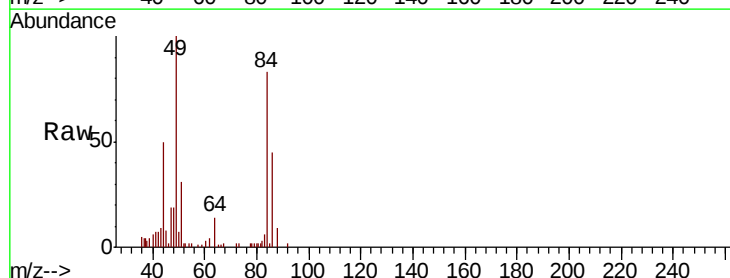
Instrument :
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ClientSampleId :
PB113364ZHE#07

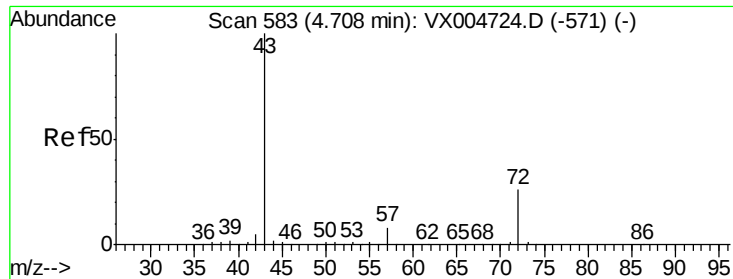
Tot Ion: 43 Resp: 11796
Ion Ratio Lower Upper
43 100
74 23.7 17.8 26.8



#20
Methylene Chloride
Concen: 1.380 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 84 Resp: 5328
Ion Ratio Lower Upper
84 100
49 120.7 92.3 138.5
51 36.3 31.8 47.6
86 53.9 48.5 72.7

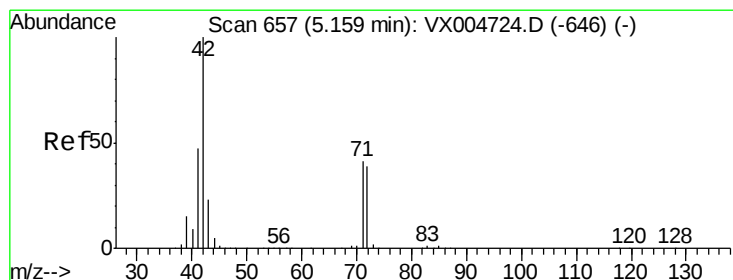
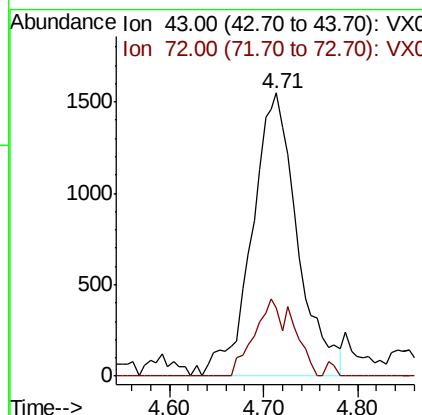
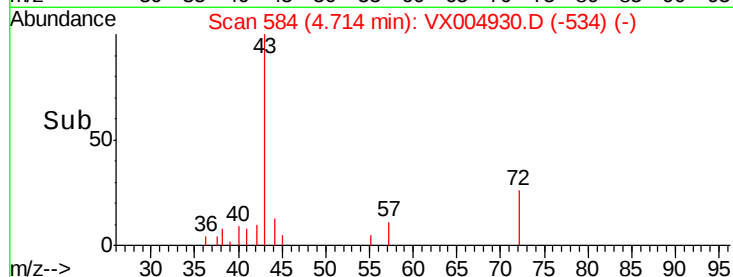
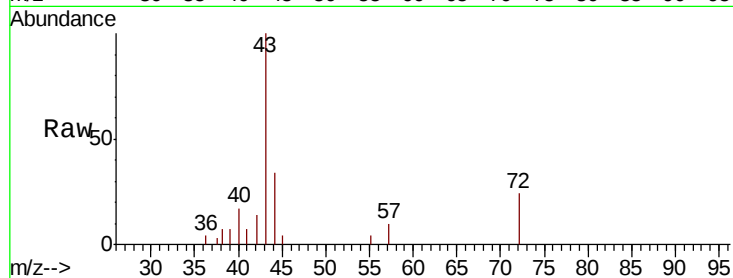




#25
2-Butanone
Concen: 2.131 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

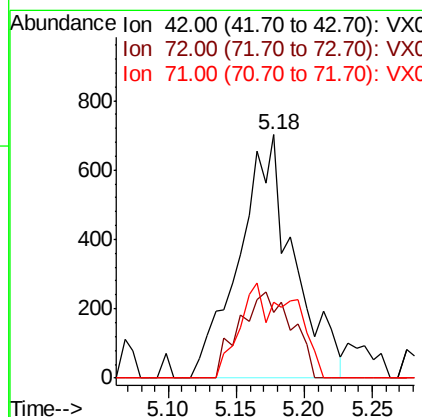
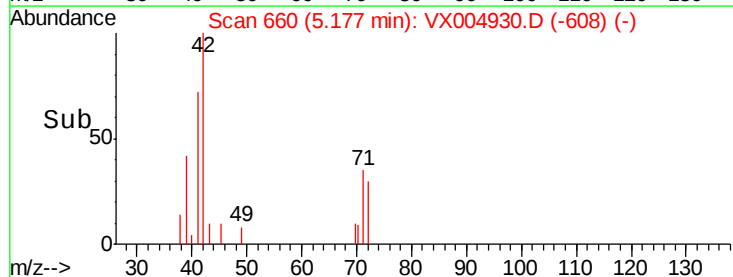
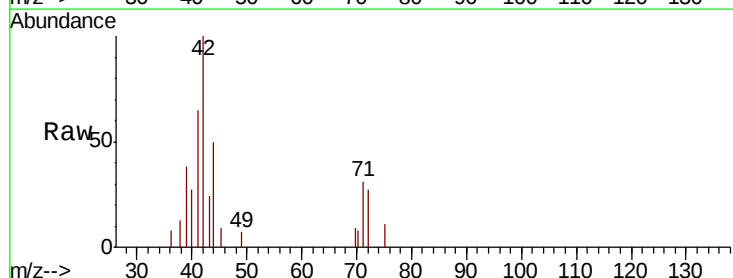
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

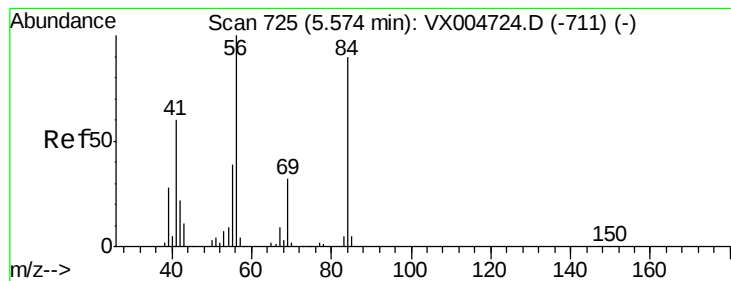
Tot Ion: 43 Resp: 5242
Ion Ratio Lower Upper
43 100
72 24.2 20.8 31.2



#29
Tetrahydrofuran
Concen: 1.286 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 42 Resp: 1966
Ion Ratio Lower Upper
42 100
72 34.0 33.7 50.5
71 18.3 32.2 48.4#





#31

Cyclohexane

Concen: 1.117 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#07

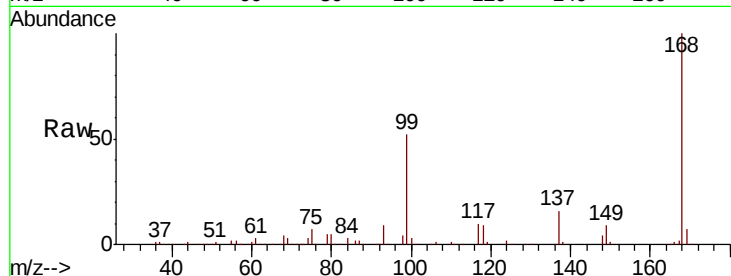
Tot Ion: 56 Resp: 4064

Ion Ratio Lower Upper

56 100

69 177.0 25.9 38.9#

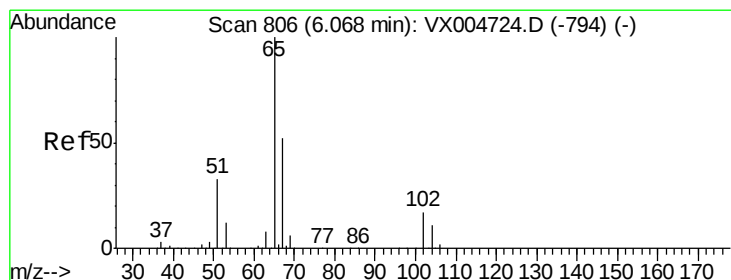
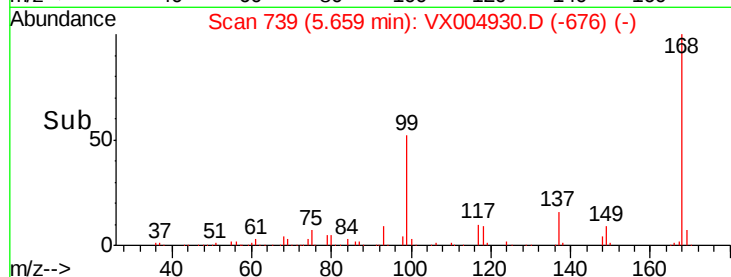
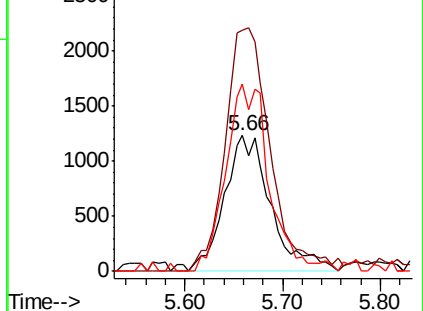
84 137.8 71.9 107.9#



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: 56.336 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004930.D

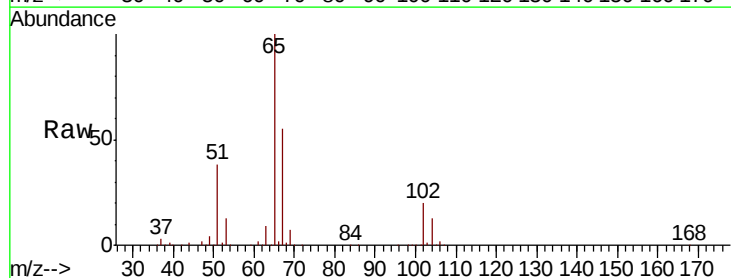
Acq: 02 Oct 2018 20:22

Tgt Ion: 65 Resp: 161042

Ion Ratio Lower Upper

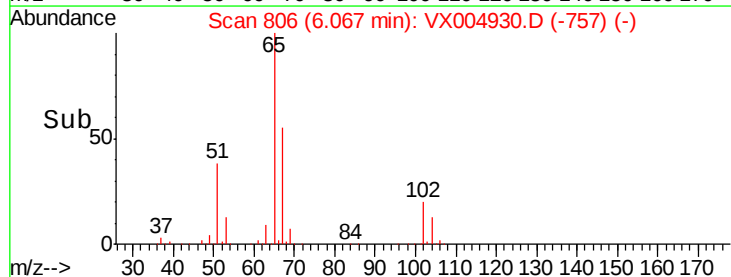
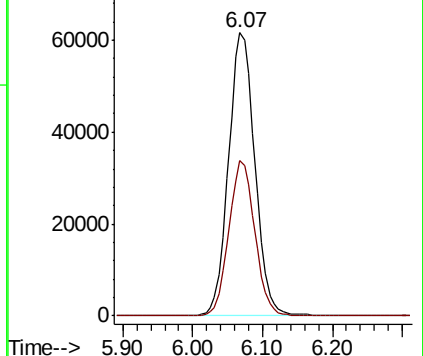
65 100

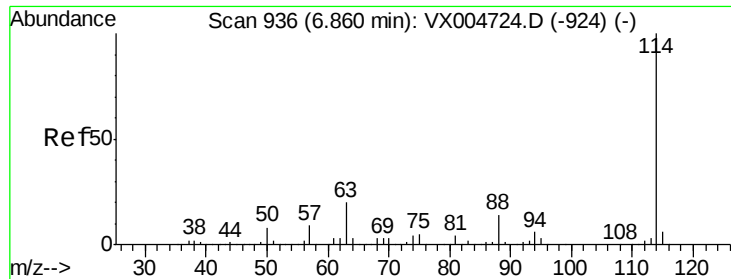
67 53.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

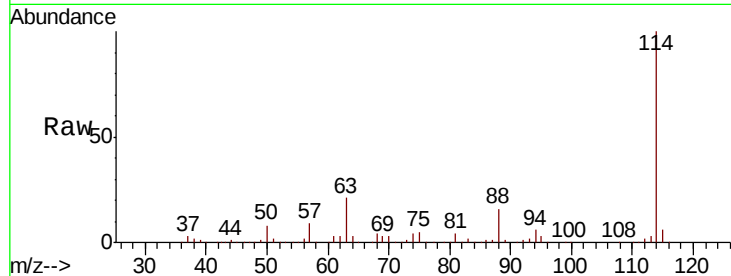




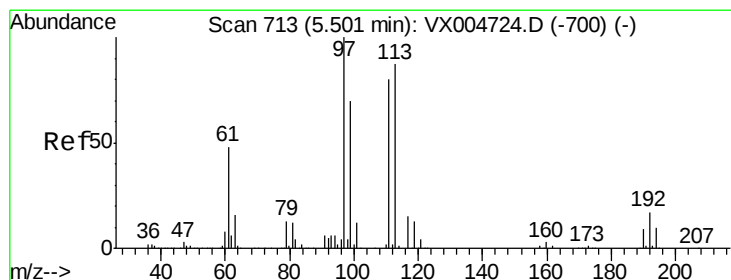
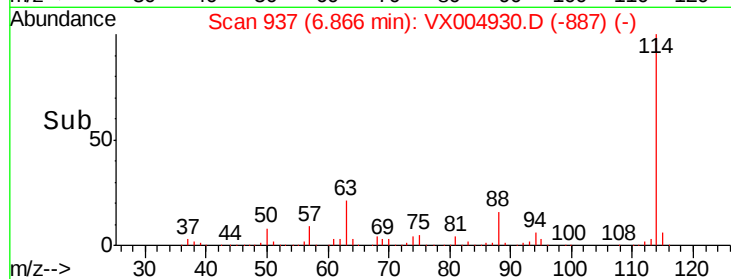
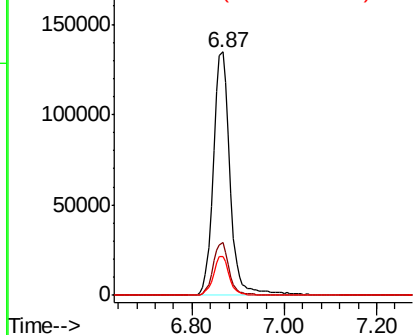
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004930.D
 Acq: 02 Oct 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#07

Tot Ion:114 Resp: 340136
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.8
 88 15.8 0.0 27.0

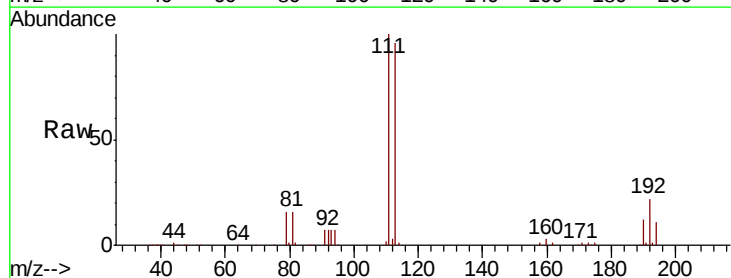


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

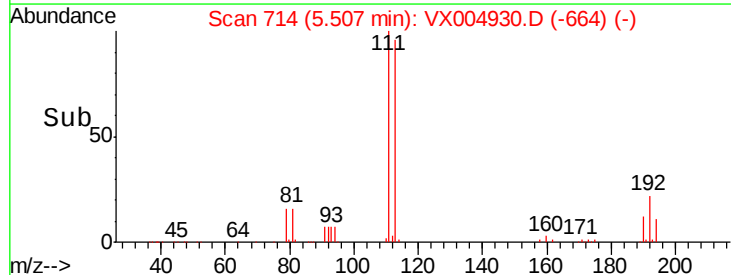
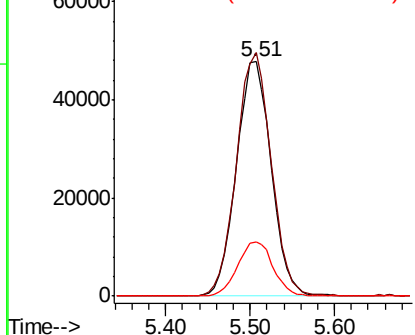


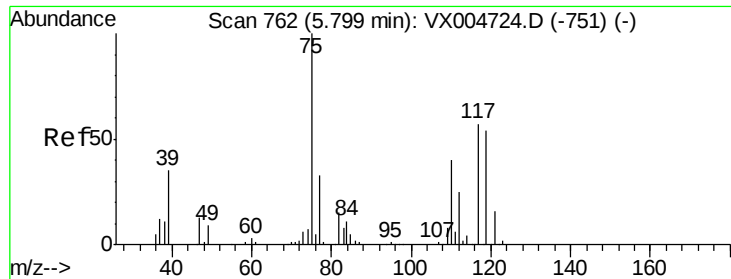
#35
 Dibromofluoromethane
 Concen: 46.401 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004930.D
 Acq: 02 Oct 2018 20:22

Tgt Ion:113 Resp: 133761
 Ion Ratio Lower Upper
 113 100
 111 103.8 77.0 115.4
 192 23.5 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: 3.604 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#07

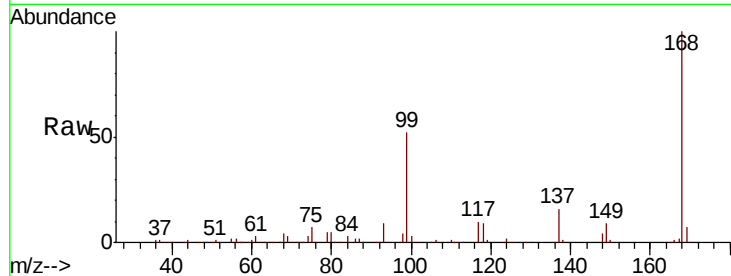
Tot Ion: 75 Resp: 14173

Ion Ratio Lower Upper

75 100

110 8.1 20.0 59.9#

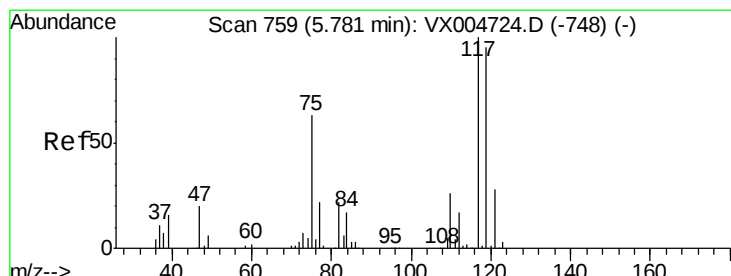
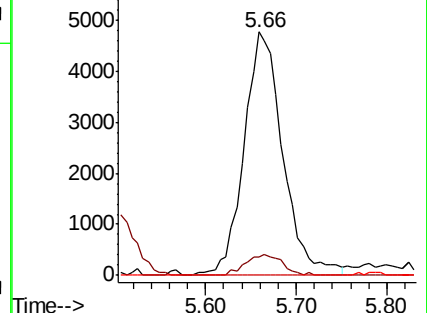
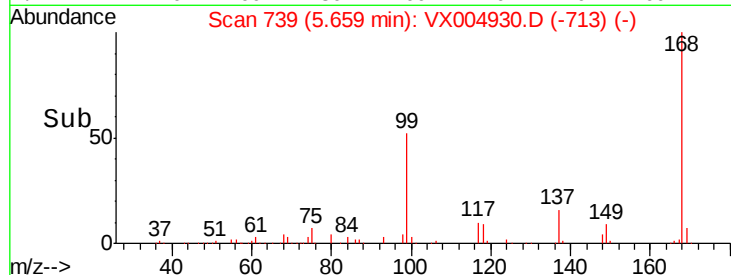
77 0.0 27.1 40.7#



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: 4.398 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

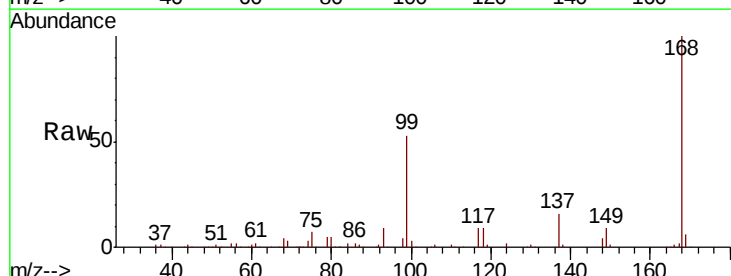
Tgt Ion: 117 Resp: 18181

Ion Ratio Lower Upper

117 100

119 7.3 75.2 112.8#

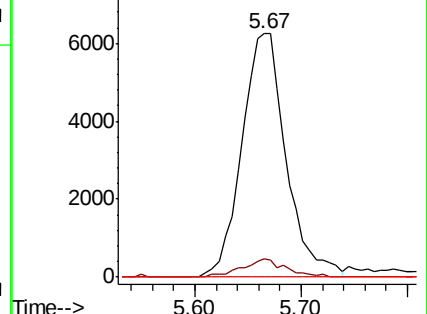
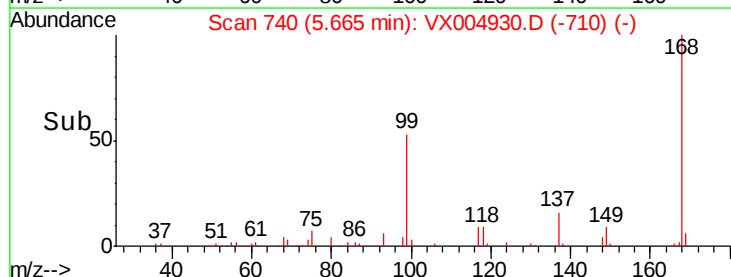
121 0.0 22.5 33.7#

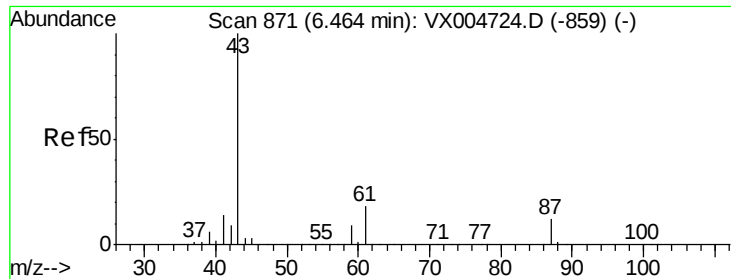


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 25.656 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#07

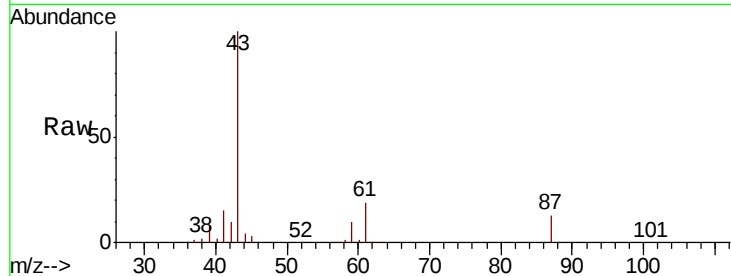
Tot Ion: 43 Resp: 193331

Ion Ratio Lower Upper

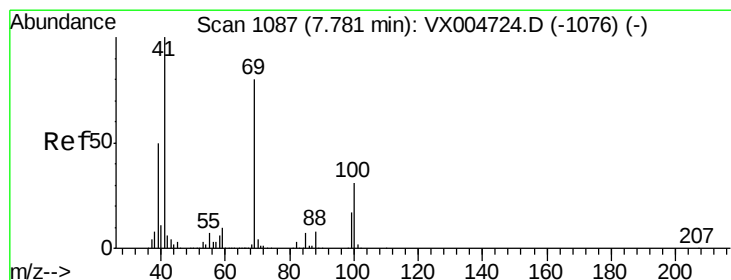
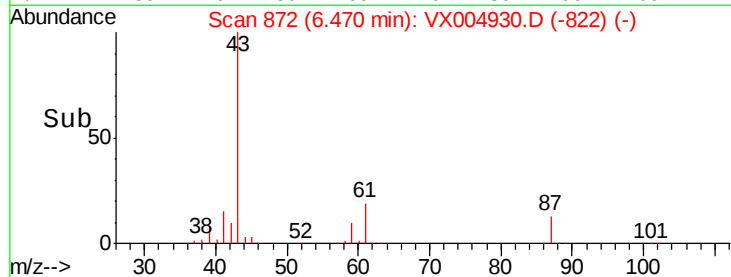
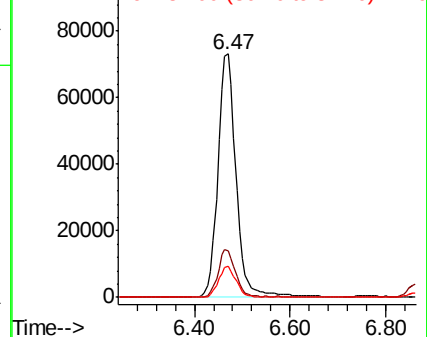
43 100

61 18.8 14.2 21.4

87 12.4 9.3 13.9



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: 5.758 ug/l

RT: 7.88 min Scan# 1104

Delta R.T. 0.10 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

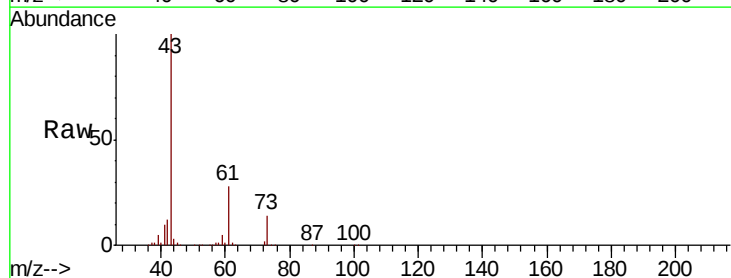
Tgt Ion: 41 Resp: 19694

Ion Ratio Lower Upper

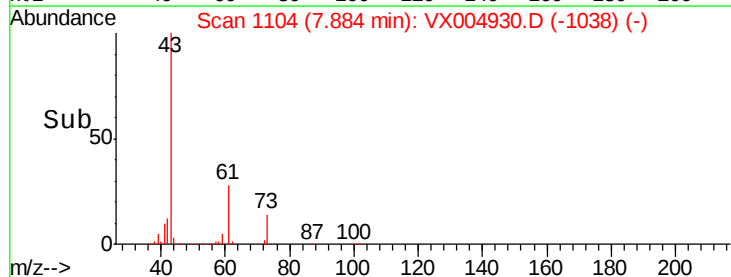
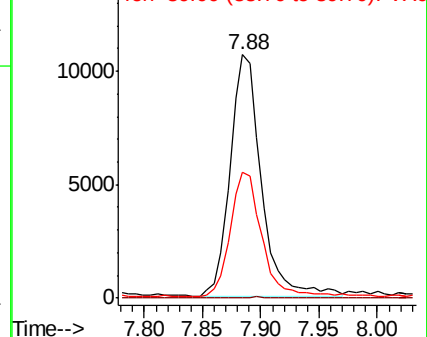
41 100

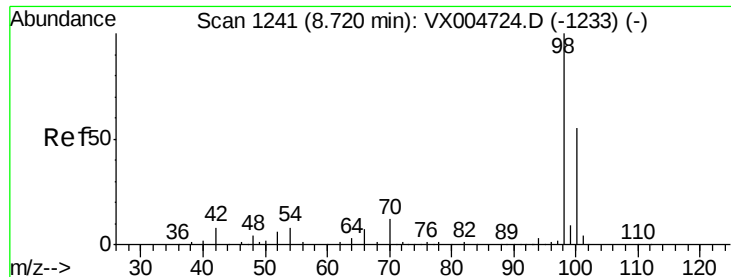
69 0.1 63.8 95.6#

39 53.5 40.7 61.1



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

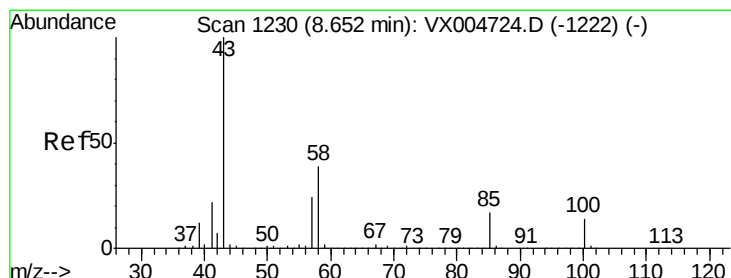
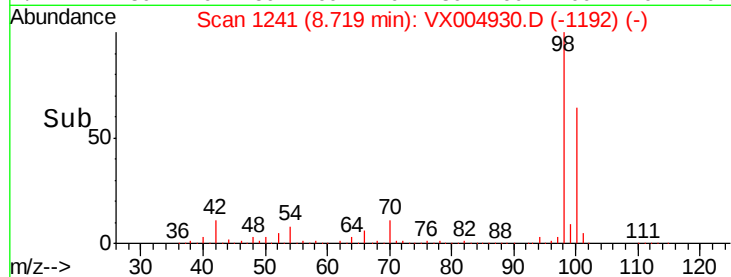
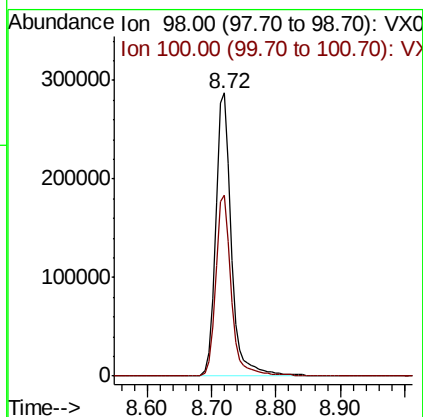
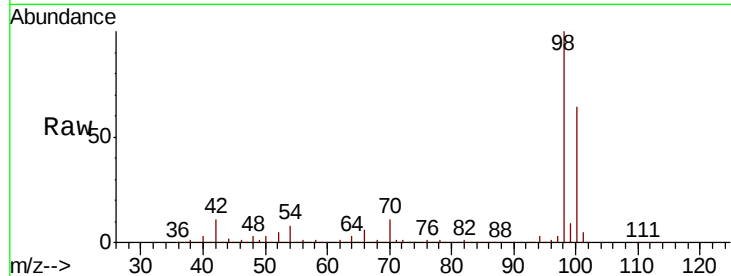




#50
Toluene-d8
Concen: 51.697 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

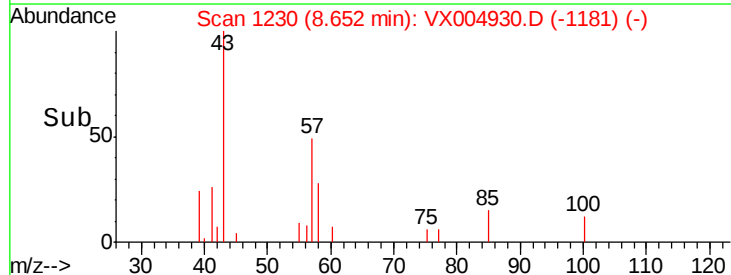
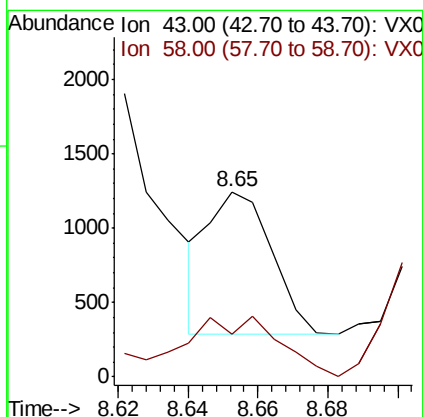
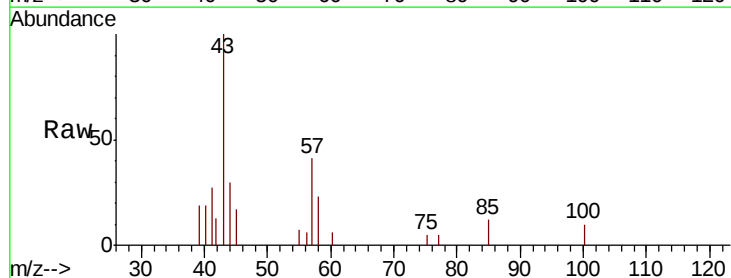
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

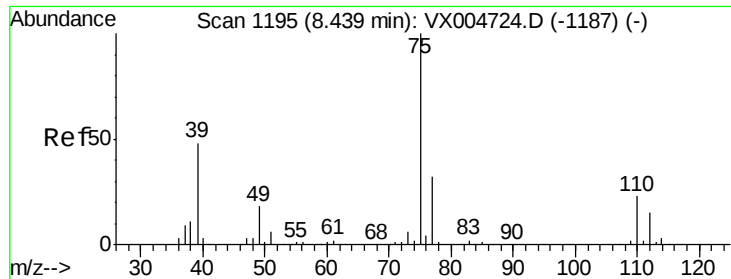
Tot Ion: 98 Resp: 495434
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.252 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
58 75.4 30.5 45.7#



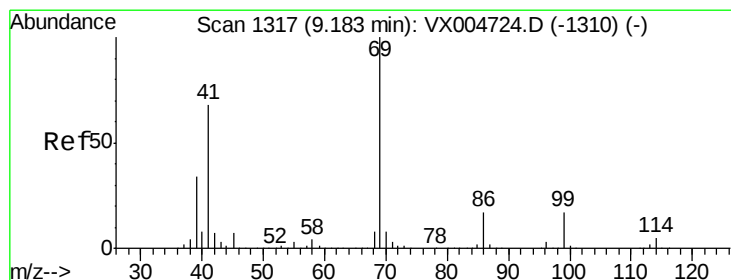
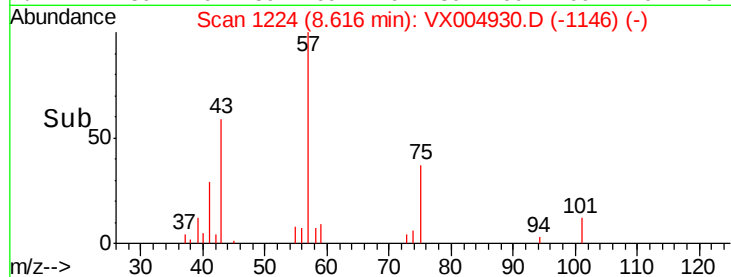
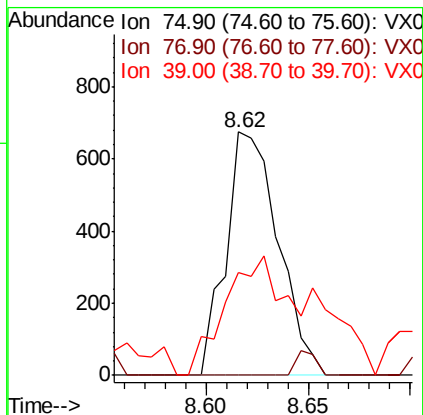
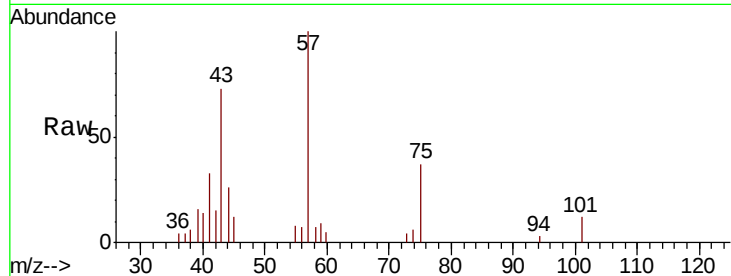


#54

cis-1,3-Dichloropropene
 Concen: 0.285 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX004930.D
 Acq: 02 Oct 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#07

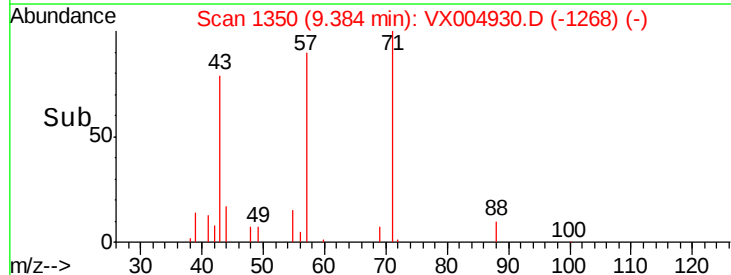
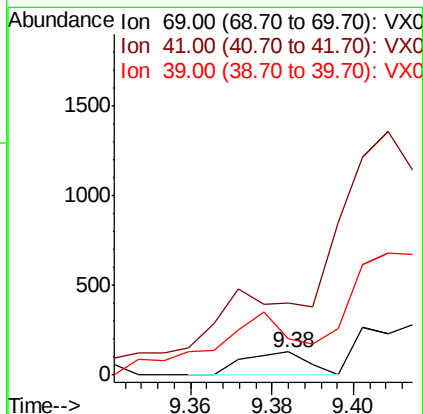
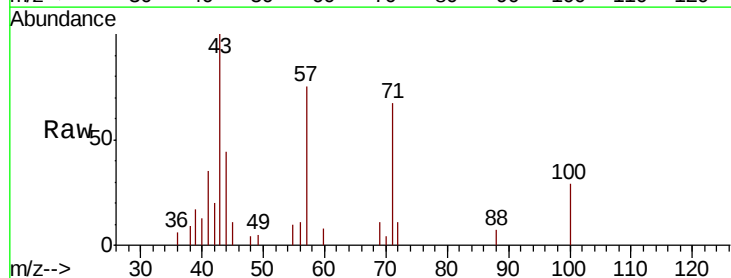
Tot Ion: 75 Resp: 1197
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 42.4 38.3 57.5

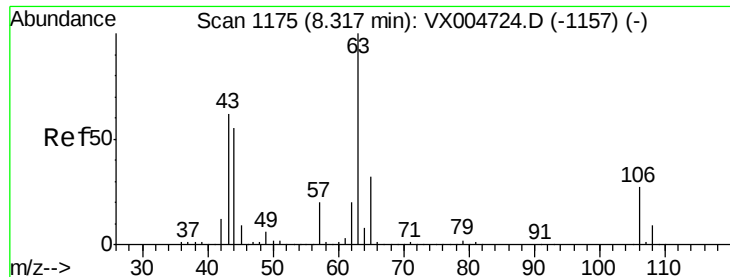


#56

Ethyl methacrylate
 Concen: 2.890 ug/l
 RT: 9.38 min Scan# 1350
 Delta R.T. 0.20 min
 Lab File: VX004930.D
 Acq: 02 Oct 2018 20:22

Tgt Ion: 69 Resp: 140
 Ion Ratio Lower Upper
 69 100
 41 260.7 56.9 85.3#
 39 369.3 28.4 42.6#

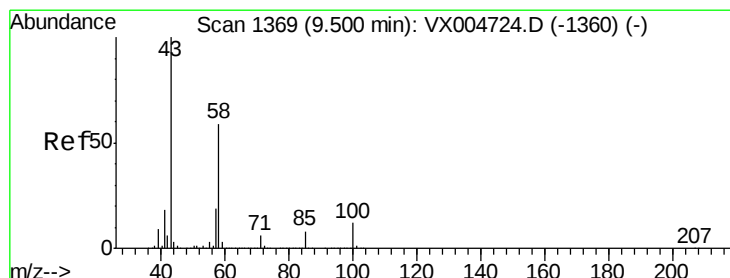
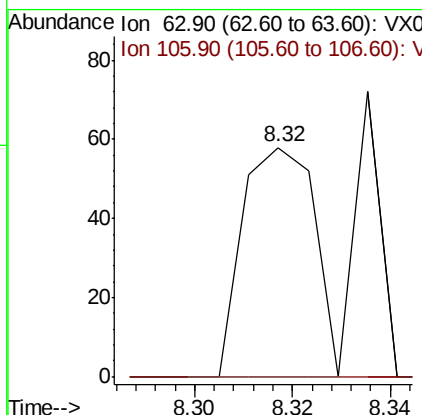
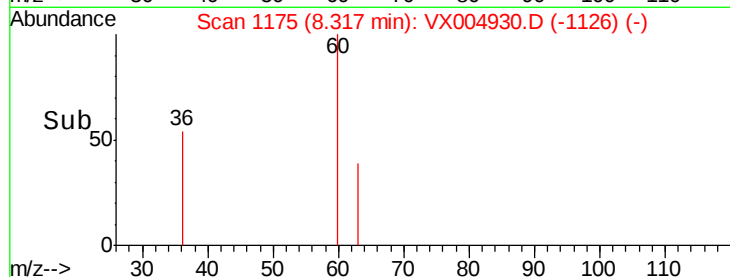
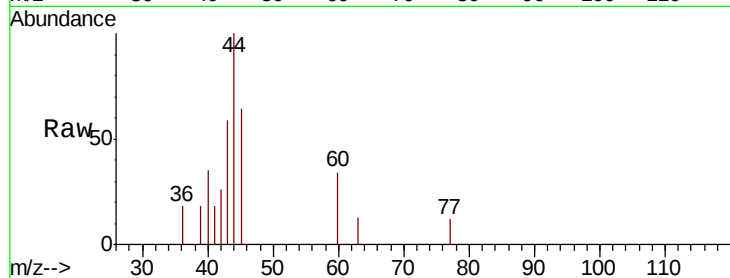




#58
2-Chloroethyl Vinyl ether
Concen: 14.264 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

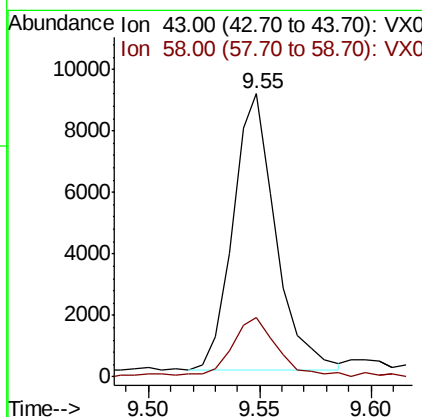
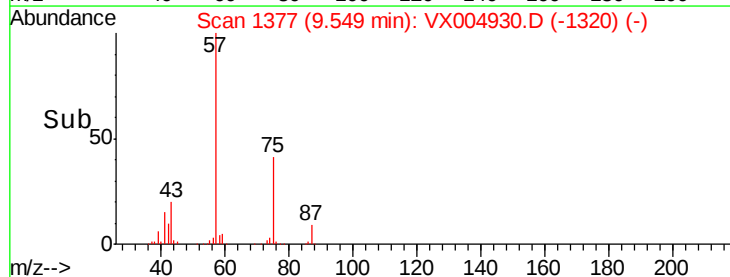
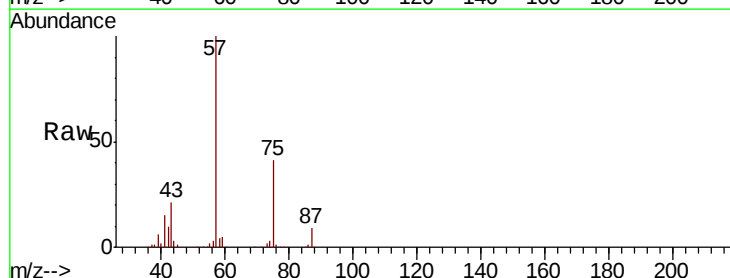
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

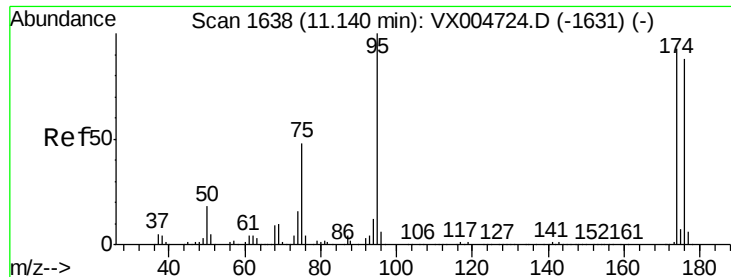
Tot Ion: 63 Resp: 59
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.6#



#59
2-Hexanone
Concen: 3.018 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion: 43 Resp: 11933
Ion Ratio Lower Upper
43 100
58 23.2 28.4 85.3#





#62

4-Bromofluorobenzene

Concen: 51.442 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#07

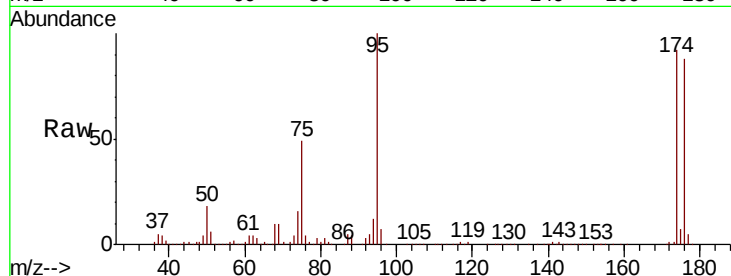
Tot Ion: 95 Resp: 177604

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.0

176 87.9 0.0 180.2

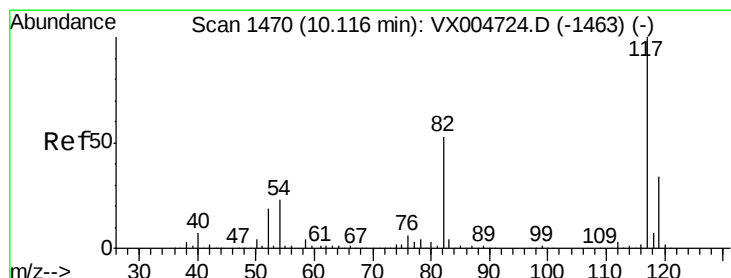
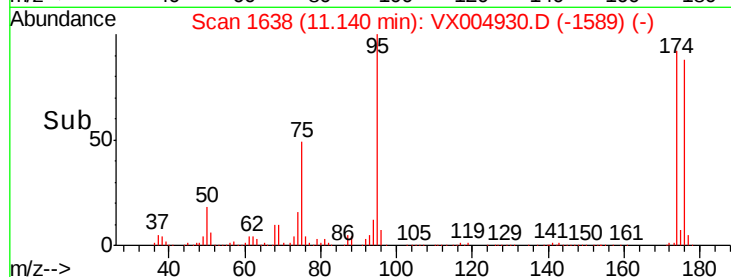


Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

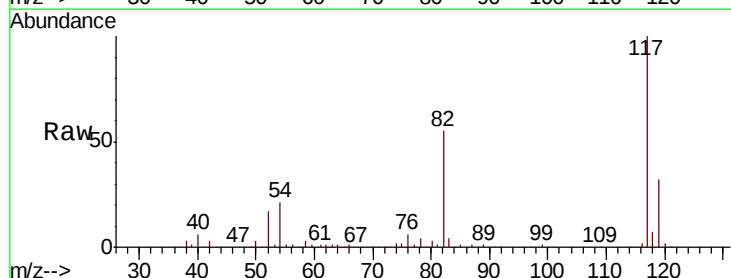
Tgt Ion: 117 Resp: 342316

Ion Ratio Lower Upper

117 100

82 55.1 42.2 63.4

119 32.1 27.4 41.0

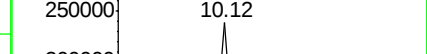
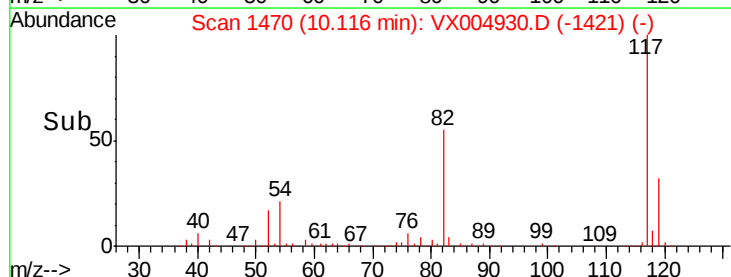


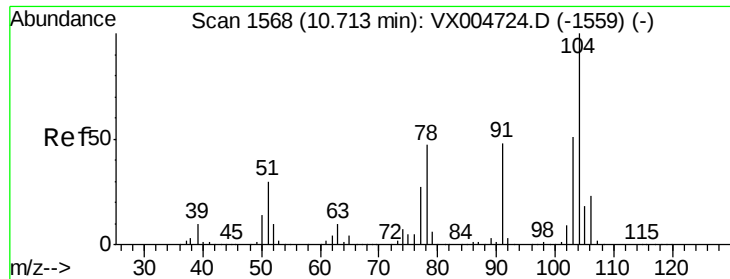
Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

Time-->

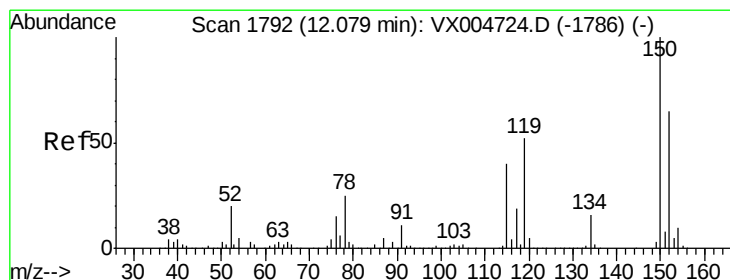
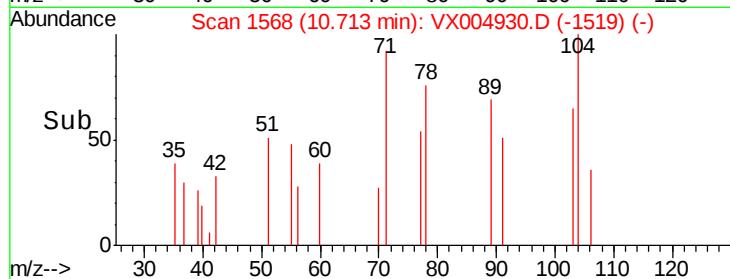
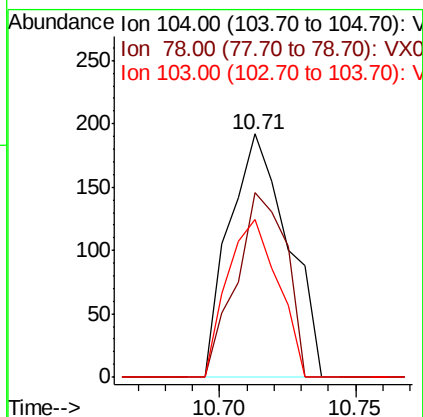
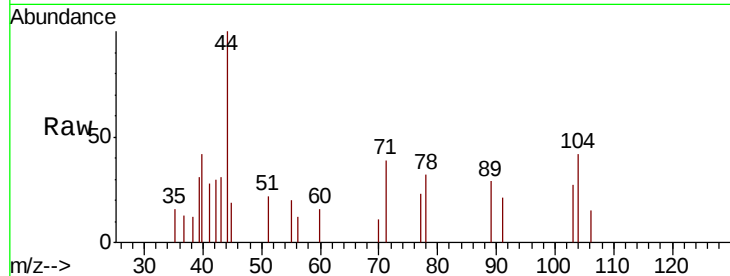




#70
Stvrene
Concen: 2.170 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

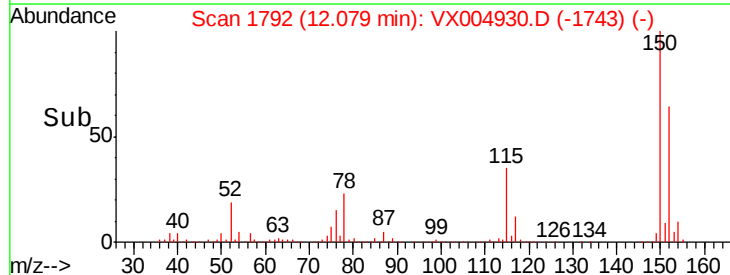
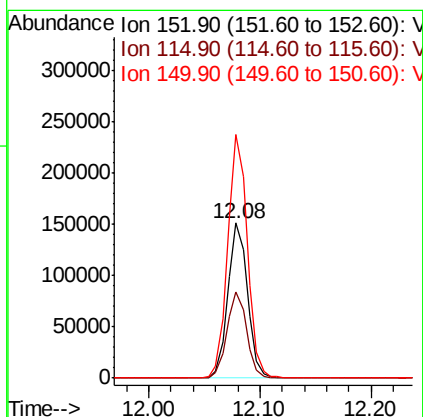
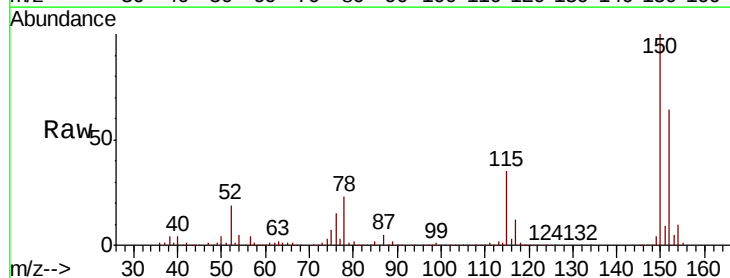
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#07

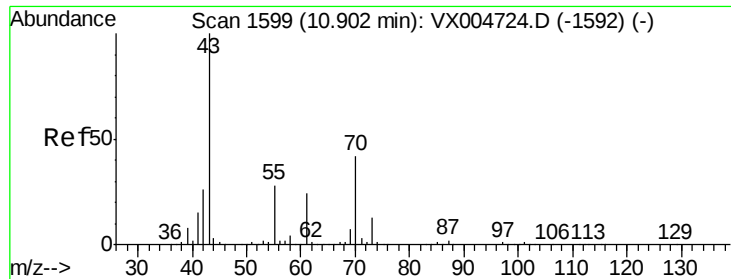
Tot Ion:104 Resp: 286
Ion Ratio Lower Upper
104 100
78 64.7 40.0 60.0#
103 56.3 44.3 66.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004930.D
Acq: 02 Oct 2018 20:22

Tgt Ion:152 Resp: 184574
Ion Ratio Lower Upper
152 100
115 55.6 40.2 120.6
150 156.6 0.0 351.0





#74

N-amvl acetate

Concen: 1.759 ug/l

RT: 10.92 min Scan# 1602

Delta R.T. 0.02 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#07

Tot Ion: 43 Resp: 75

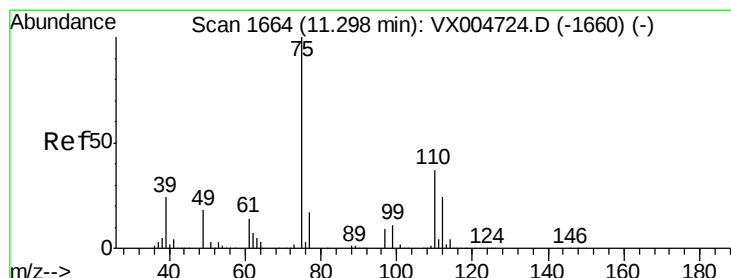
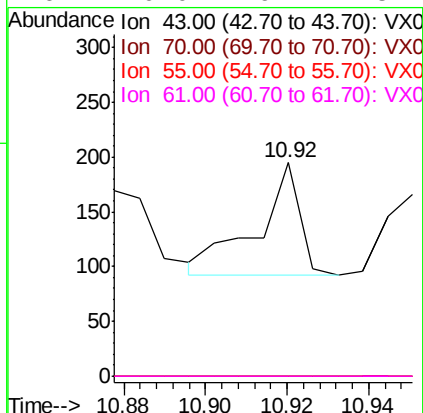
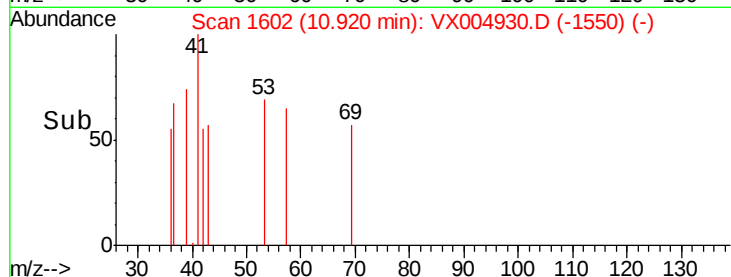
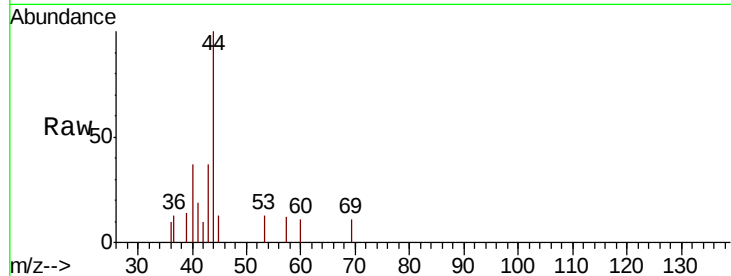
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 0.0 21.6 32.4#

61 0.0 19.1 28.7#



#76

1,2,3-Trichloropropane

Concen: 21.288 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004930.D

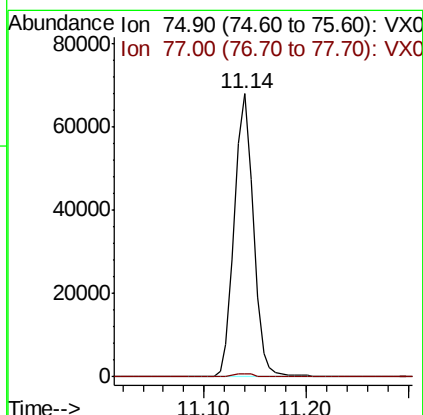
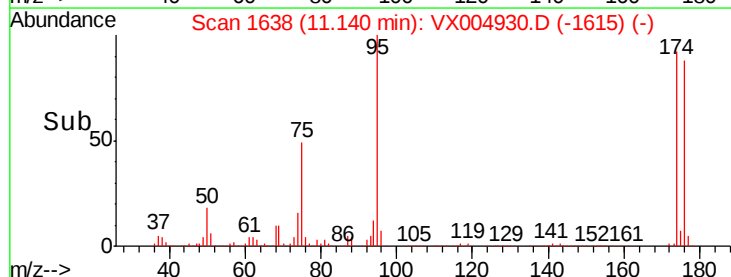
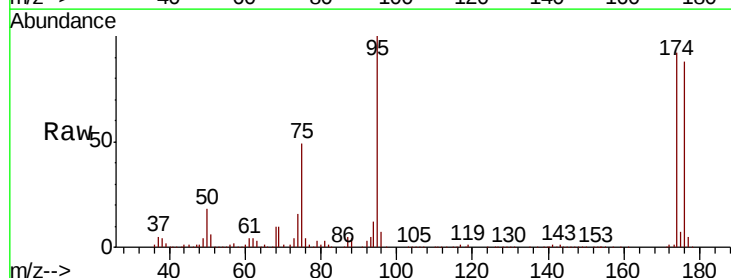
Acq: 02 Oct 2018 20:22

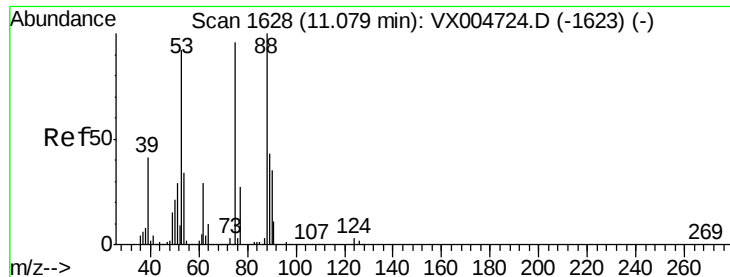
Tgt Ion: 75 Resp: 88066

Ion Ratio Lower Upper

75 100

77 1.3 21.4 64.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 57.739 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#07

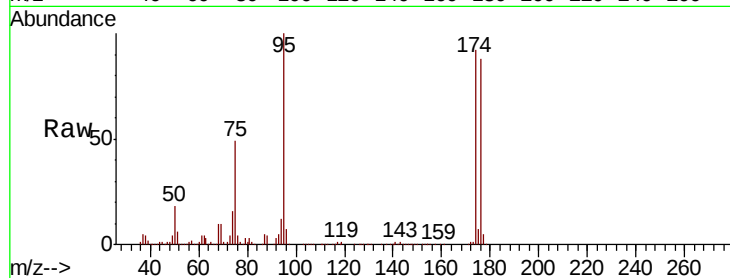
Tot Ion: 75 Resp: 88066

Ion Ratio Lower Upper

75 100

53 0.4 80.2 120.4#

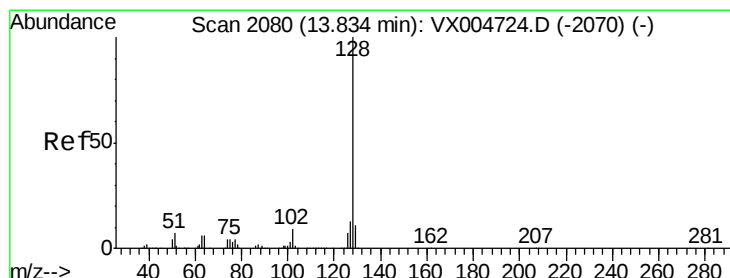
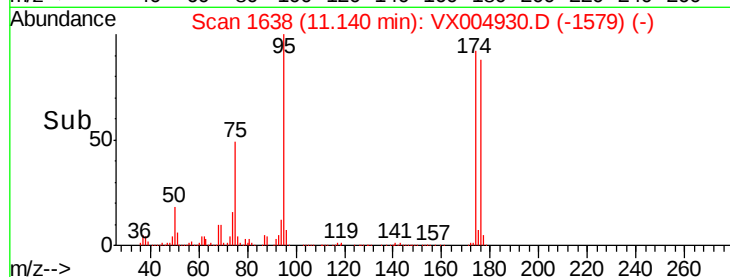
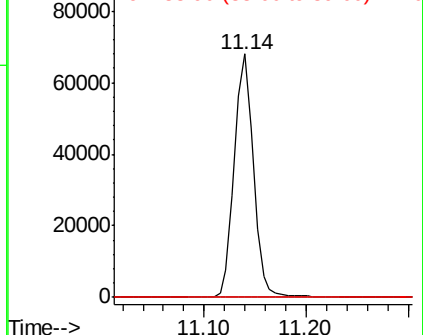
89 0.0 37.1 55.7#



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



#95

Naphthalene

Concen: 0.772 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004930.D

Acq: 02 Oct 2018 20:22

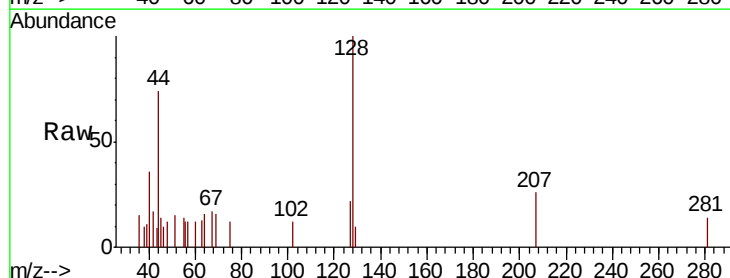
Tgt Ion:128 Resp: 811

Ion Ratio Lower Upper

128 100

127 17.4 10.4 15.6#

129 7.6 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

