

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004929.D
 Acq On : 02 Oct 2018 19:55
 Operator : JC/MD
 Sample : PB113364ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#06

Quant Time: Oct 03 04:43:30 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	198905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	334262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176313	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	158011	55.61	ug/l	0.00
Spiked Amount			Recovery	=	111.22%	
35) Dibromofluoromethane	5.51	113	134635	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
50) Toluene-d8	8.72	98	492217	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.14	95	175190	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	

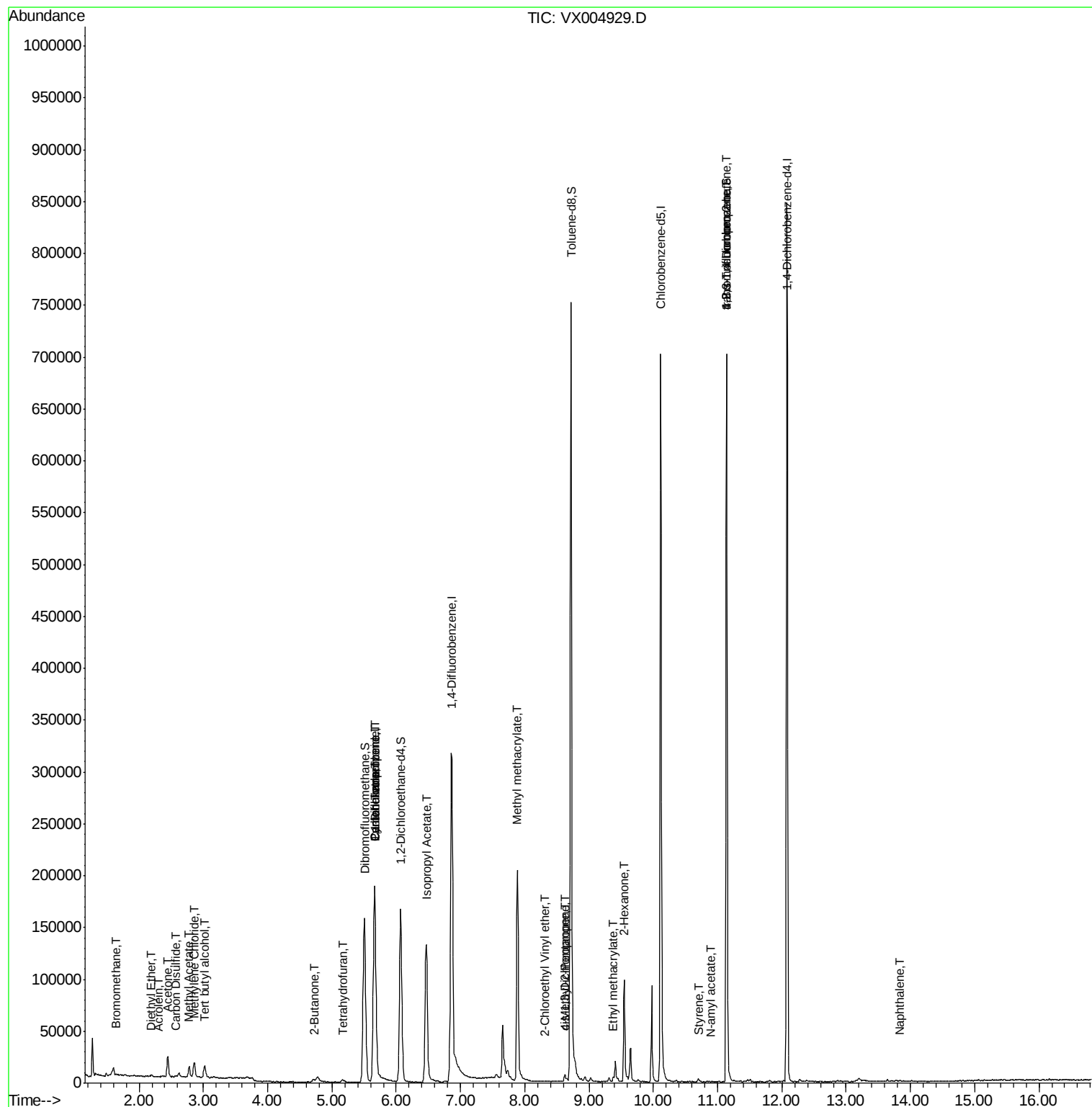
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	522	0.285	ug/l	100
6) Chloroethane	1.60	64	487	Below Cal	#	45
8) Diethyl Ether	2.20	74	464	0.280	ug/l	82
11) Tert butyl alcohol	3.02	59	7263	9.142	ug/l #	79
13) Acrolein	2.31	56	286	0.506	ug/l	98
16) Acetone	2.45	43	21640	13.045	ug/l	98
17) Carbon Disulfide	2.57	76	1303	0.201	ug/l	97
18) Methyl Acetate	2.78	43	12859	3.060	ug/l	98
20) Methylene Chloride	2.86	84	6372	1.834	ug/l	91
25) 2-Butanone	4.71	43	4494	1.838	ug/l	91
29) Tetrahydrofuran	5.18	42	2199	1.447	ug/l #	90
31) Cyclohexane	5.66	56	3959	1.095	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13185	3.411	ug/l #	47
38) Carbon Tetrachloride	5.67	117	17655	4.345	ug/l #	17
43) Isopropyl Acetate	6.47	43	187508	25.321	ug/l	97
48) Methyl methacrylate	7.88	41	18810	5.596	ug/l #	45
51) 4-Methyl-2-Pentanone	8.62	43	2426	0.520	ug/l #	37
54) cis-1,3-Dichloropropene	8.63	75	1145	0.277	ug/l #	62
56) Ethyl methacrylate	9.37	69	119	2.886	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.31	63	98	14.279	ug/l #	49
59) 2-Hexanone	9.55	43	11739	3.021	ug/l #	57
70) Styrene	10.72	104	274	2.169	ug/l #	74
74) N-ethyl acetate	10.89	43	84	1.761	ug/l #	57
76) 1,2,3-Trichloropropane	11.14	75	85093	21.533	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	937	Below Cal		96
81) trans-1,4-Dichloro-2-buten	11.14	75	85093	58.381	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	636	Below Cal	#	64
95) Naphthalene	13.83	128	1051	0.790	ug/l #	88

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

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Quant Time: Oct 03 04:43:30 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: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

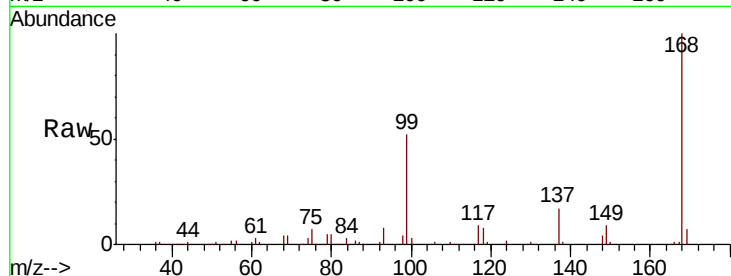
PB113364ZHE#06

Tot Ion:168 Resp: 198905

Ion Ratio Lower Upper

168 100

99 52.4 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

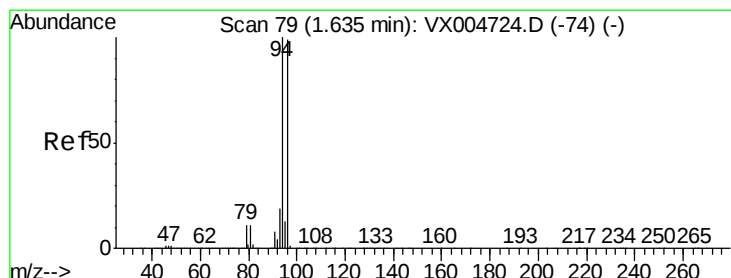
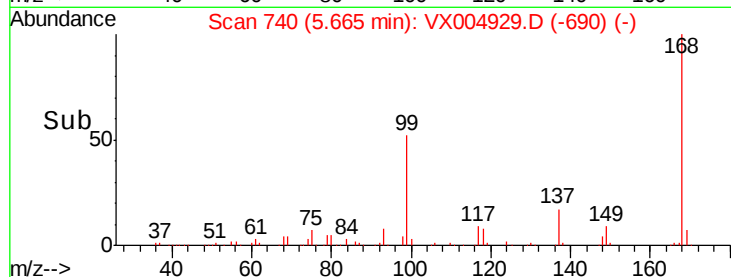
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.285 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004929.D

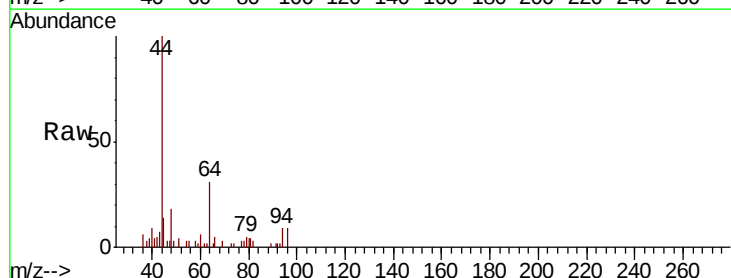
Acq: 02 Oct 2018 19:55

Tgt Ion: 94 Resp: 522

Ion Ratio Lower Upper

94 100

96 99.6 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

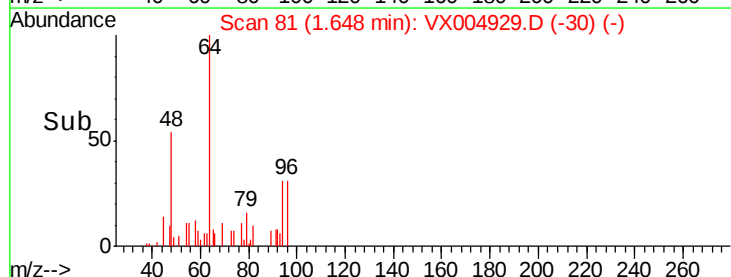
150

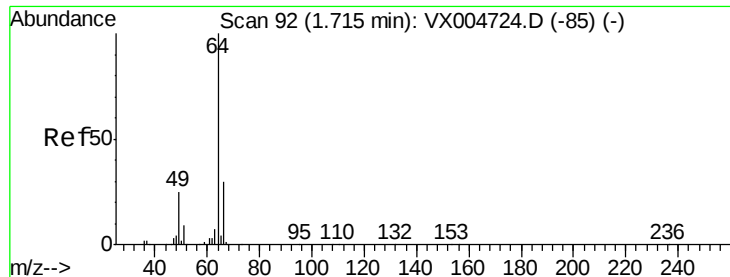
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.60 min Scan# 74

Delta R.T. -0.11 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

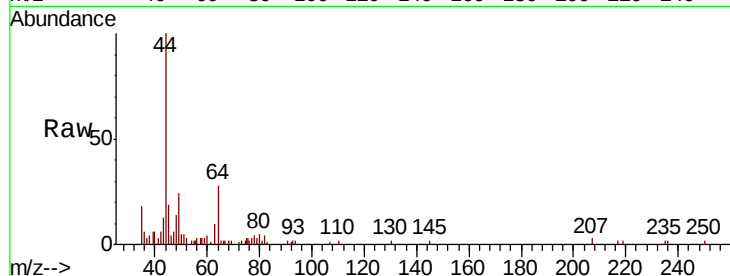
PB113364ZHE#06

Tot Ion: 64 Resp: 487

Ion Ratio Lower Upper

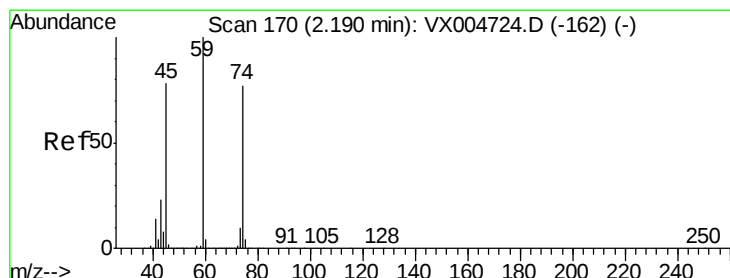
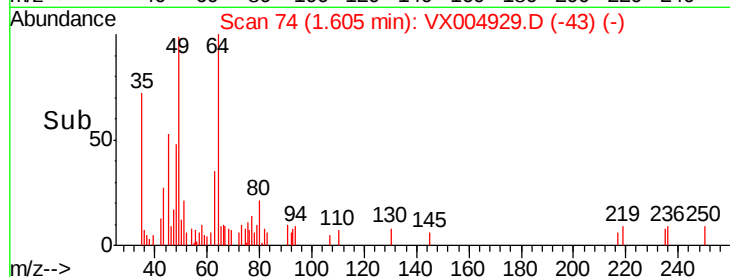
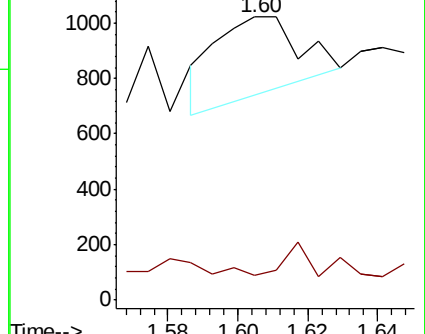
64 100

66 0.0 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: 0.280 ug/l

RT: 2.20 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX004929.D

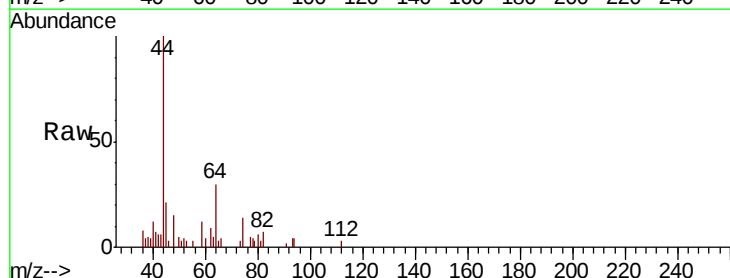
Acq: 02 Oct 2018 19:55

Tgt Ion: 74 Resp: 464

Ion Ratio Lower Upper

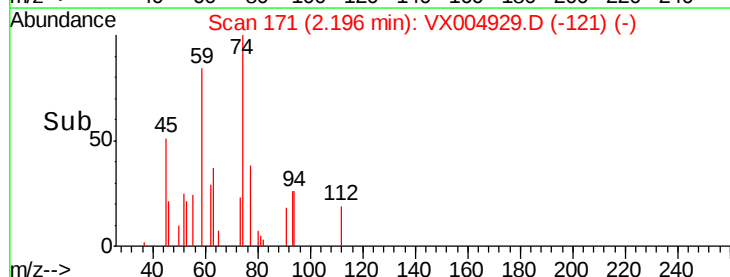
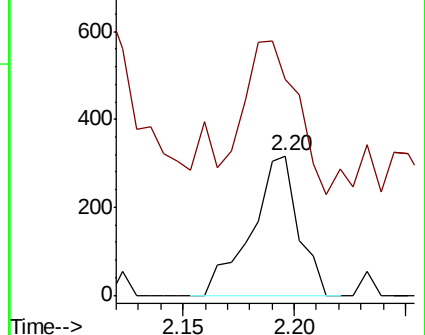
74 100

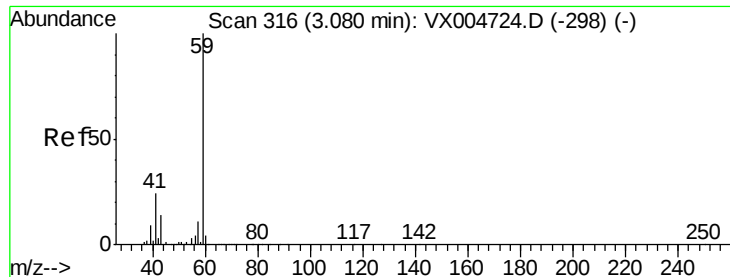
45 123.9 52.5 157.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

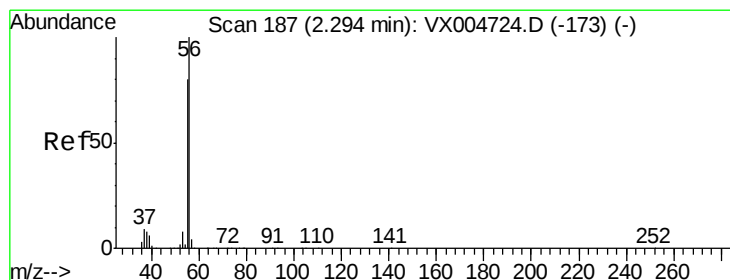
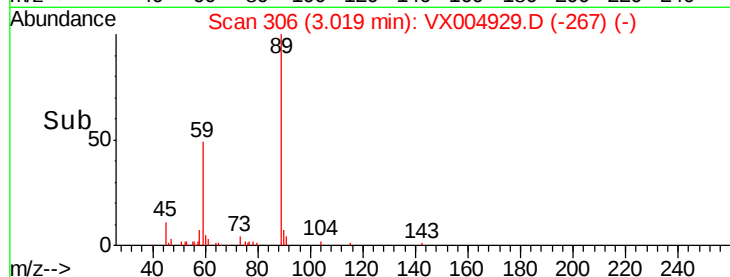
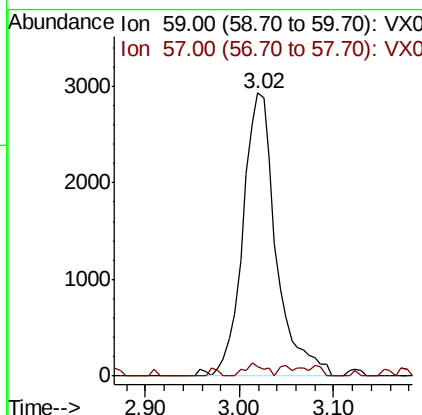
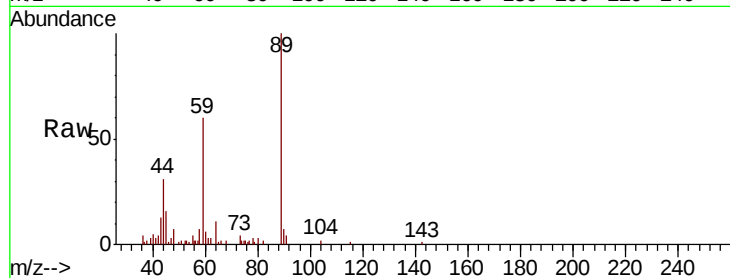




#11
Tert butyl alcohol
Concen: 9.142 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004929.D
Acq: 02 Oct 2018 19:55

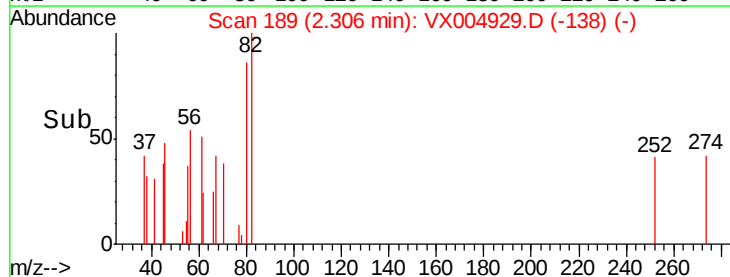
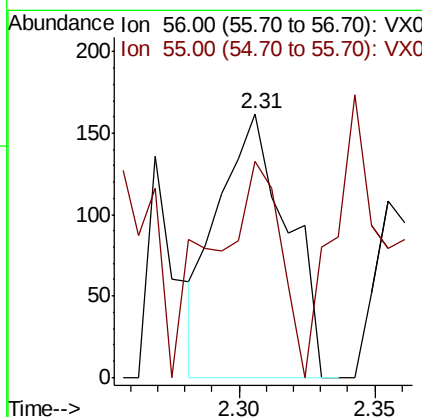
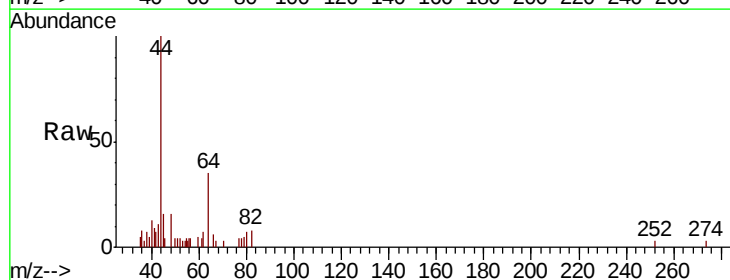
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#06

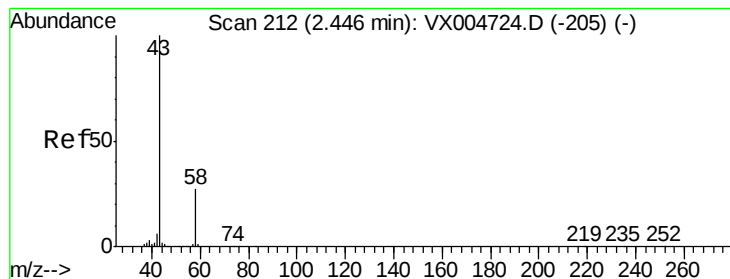
Tot Ion: 59 Resp: 7263
Ion Ratio Lower Upper
59 100
57 2.6 8.6 12.8#



#13
Acrolein
Concen: 0.506 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX004929.D
Acq: 02 Oct 2018 19:55

Tgt Ion: 56 Resp: 286
Ion Ratio Lower Upper
56 100
55 80.8 63.4 95.2





#16

Acetone

Concen: 13.045 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

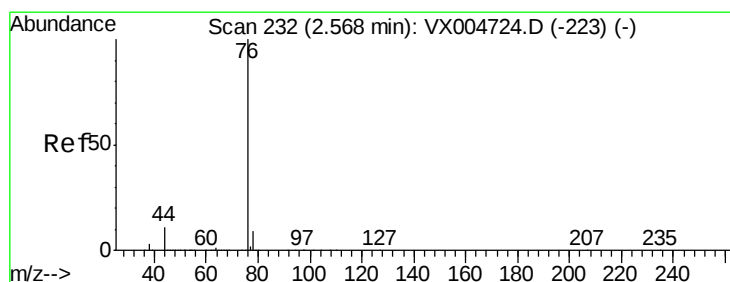
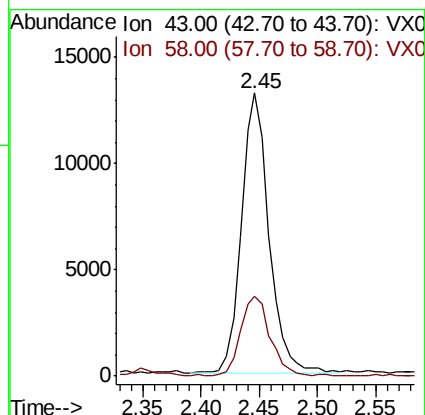
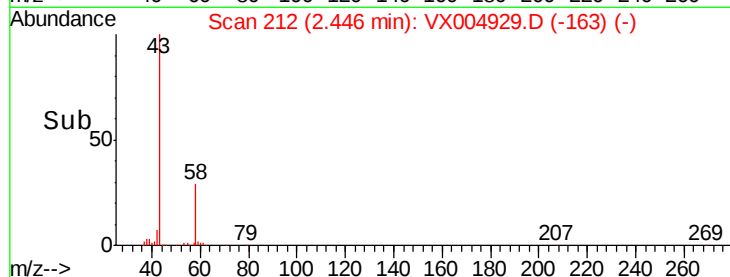
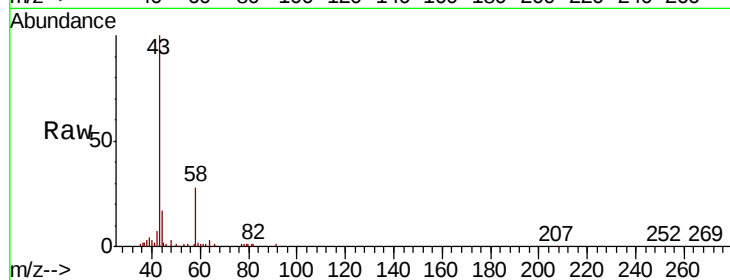
PB113364ZHE#06

Tot Ion: 43 Resp: 21640

Ion Ratio Lower Upper

43 100

58 28.5 21.8 32.6



#17

Carbon Disulfide

Concen: 0.201 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX004929.D

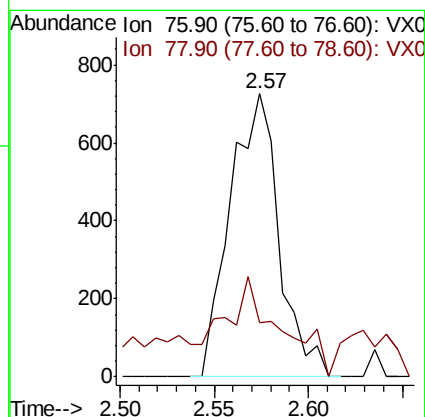
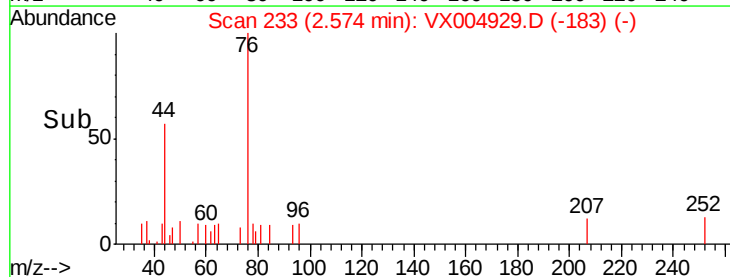
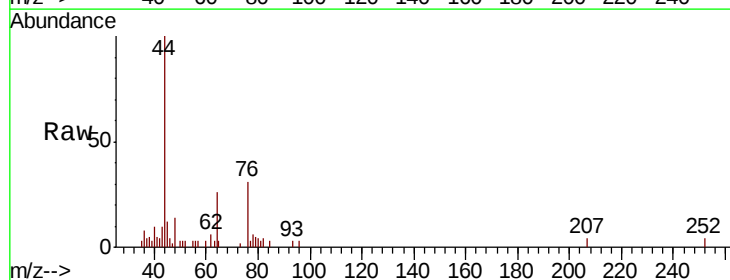
Acq: 02 Oct 2018 19:55

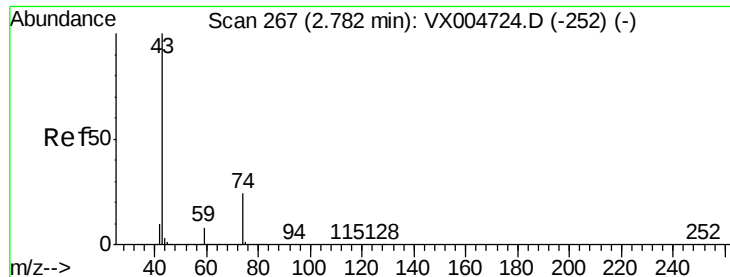
Tgt Ion: 76 Resp: 1303

Ion Ratio Lower Upper

76 100

78 7.6 7.0 10.6

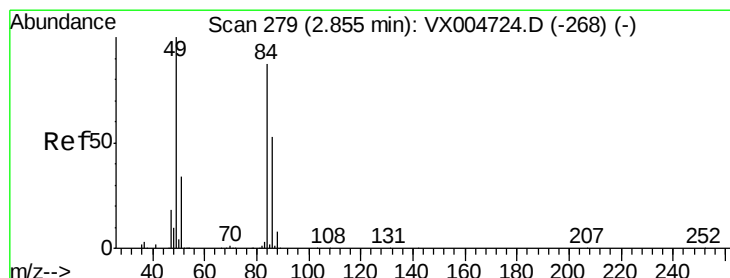
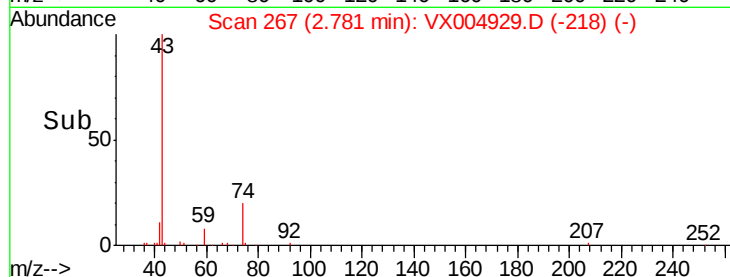
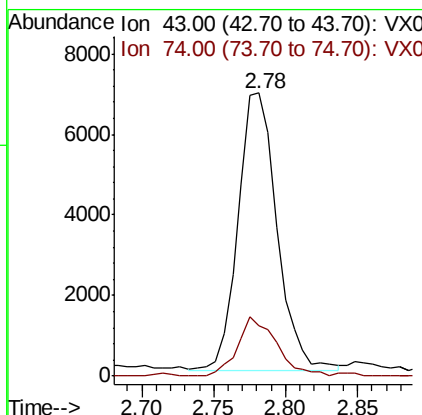
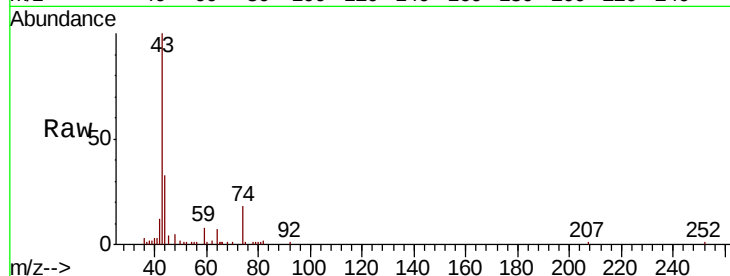




#18
Methvl Acetate
Concen: 3.060 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004929.D
Acq: 02 Oct 2018 19:55

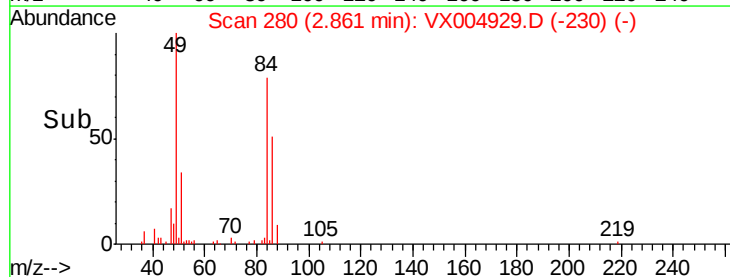
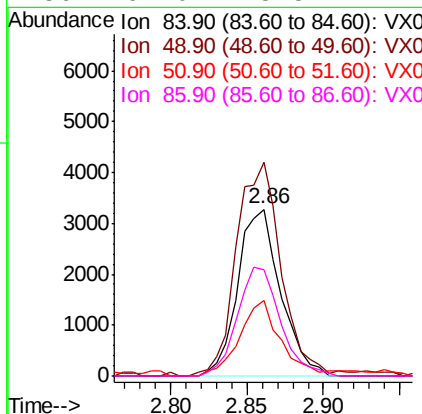
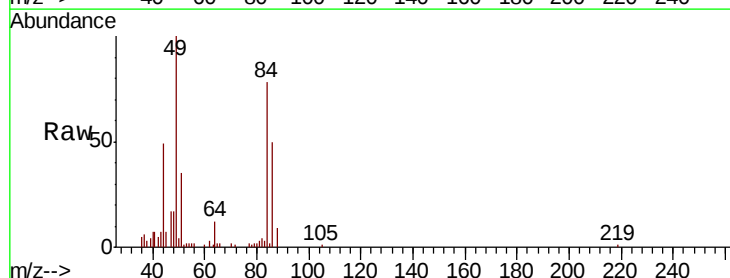
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#06

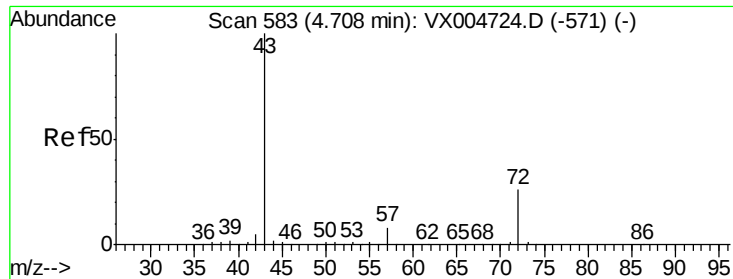
Tot Ion: 43 Resp: 12859
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8



#20
Methylene Chloride
Concen: 1.834 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004929.D
Acq: 02 Oct 2018 19:55

Tgt Ion: 84 Resp: 6372
Ion Ratio Lower Upper
84 100
49 127.9 92.3 138.5
51 45.3 31.8 47.6
86 64.0 48.5 72.7

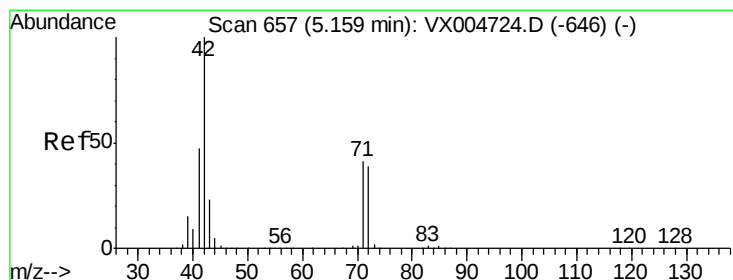
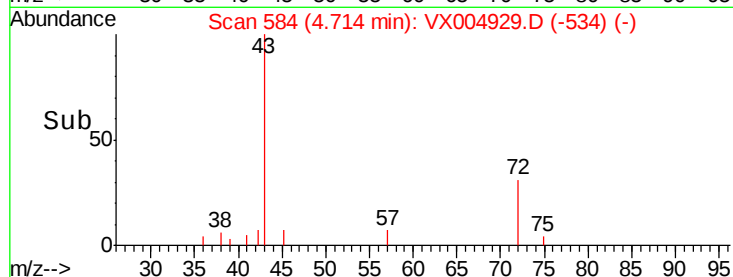
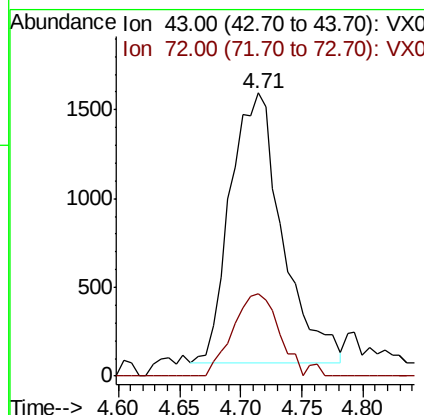
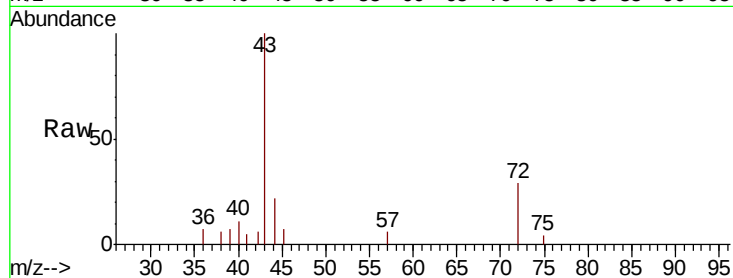




#25
 2-Butanone
 Concen: 1.838 ug/l
 RT: 4.71 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: VX004929.D
 Acq: 02 Oct 2018 19:55

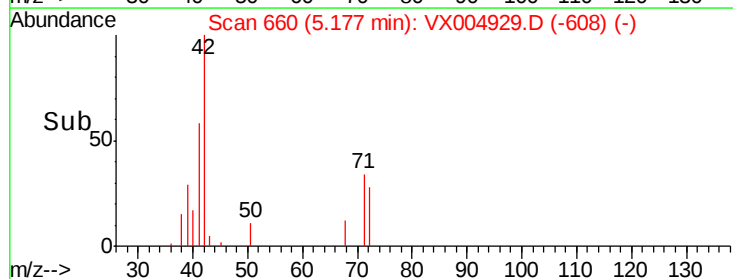
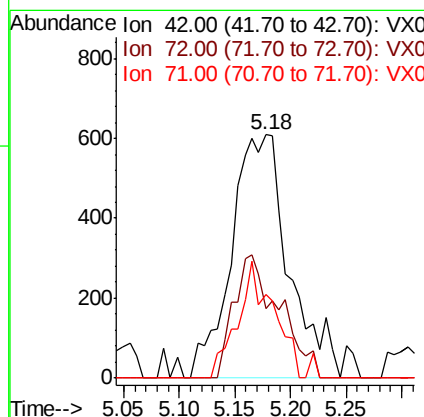
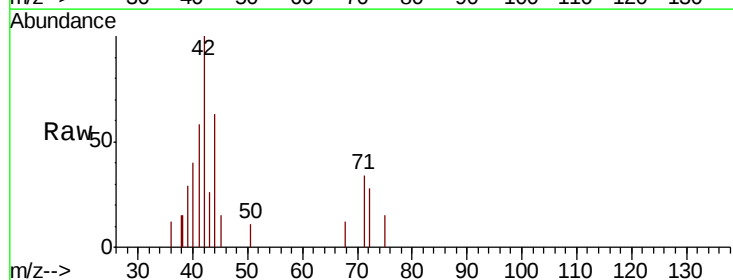
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 PB113364ZHE#06

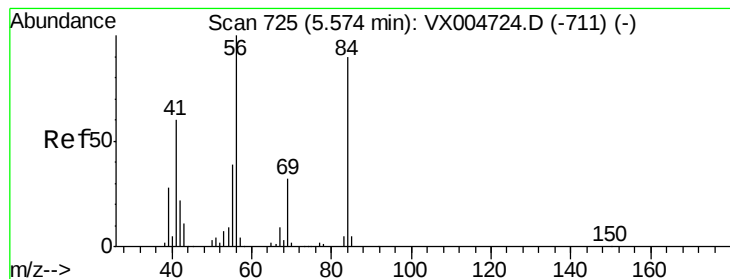
Tot Ion: 43 Resp: 4494
 Ion Ratio Lower Upper
 43 100
 72 30.7 20.8 31.2



#29
 Tetrahydrofuran
 Concen: 1.447 ug/l
 RT: 5.18 min Scan# 660
 Delta R.T. 0.02 min
 Lab File: VX004929.D
 Acq: 02 Oct 2018 19:55

Tgt Ion: 42 Resp: 2199
 Ion Ratio Lower Upper
 42 100
 72 39.7 33.7 50.5
 71 30.0 32.2 48.4#





#31

Cyclohexane

Concen: 1.095 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#06

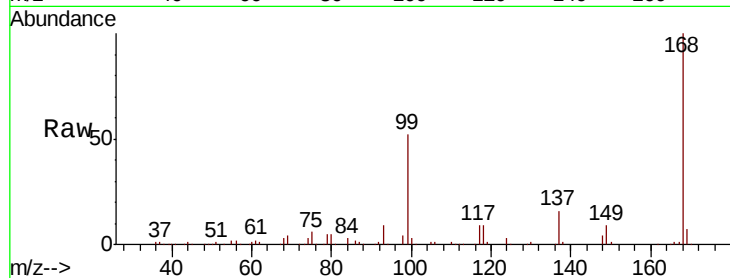
Tot Ion: 56 Resp: 3959

Ion Ratio Lower Upper

56 100

69 190.9 25.9 38.9#

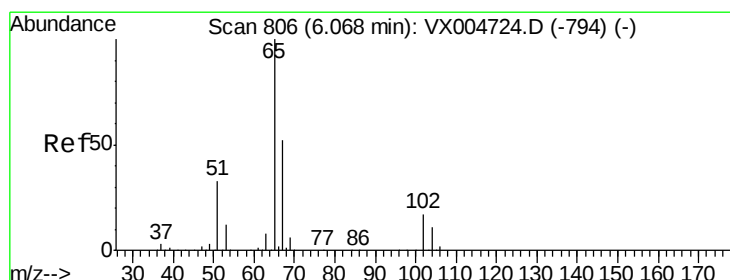
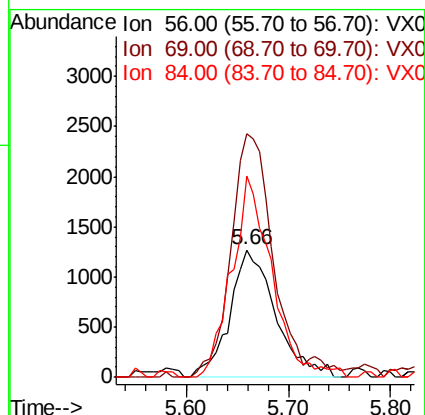
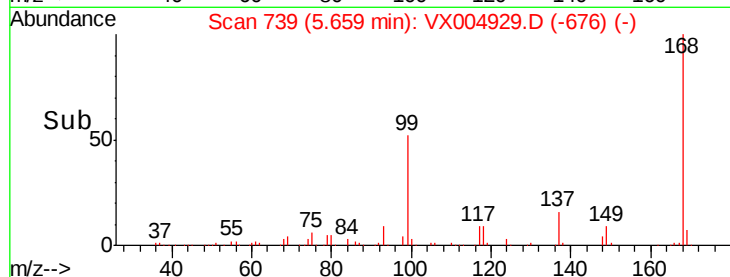
84 157.6 71.9 107.9#



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: 55.611 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004929.D

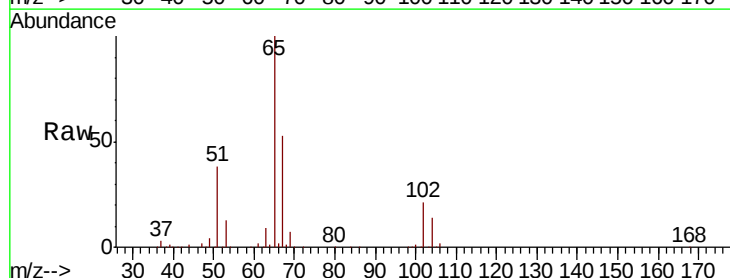
Acq: 02 Oct 2018 19:55

Tgt Ion: 65 Resp: 158011

Ion Ratio Lower Upper

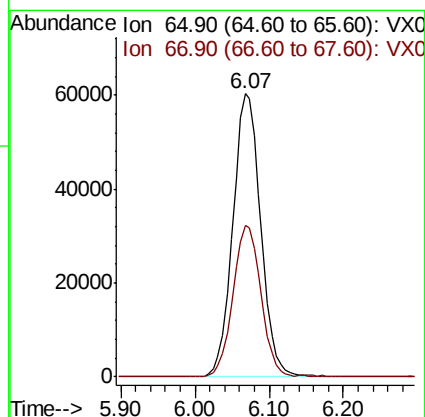
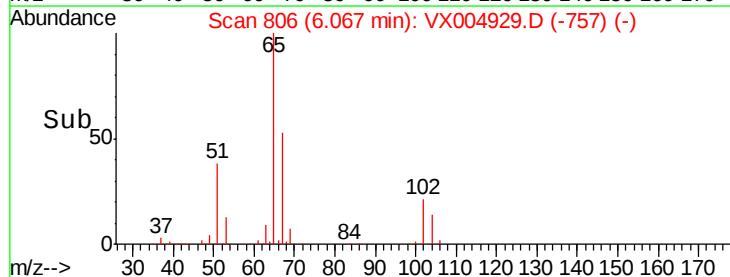
65 100

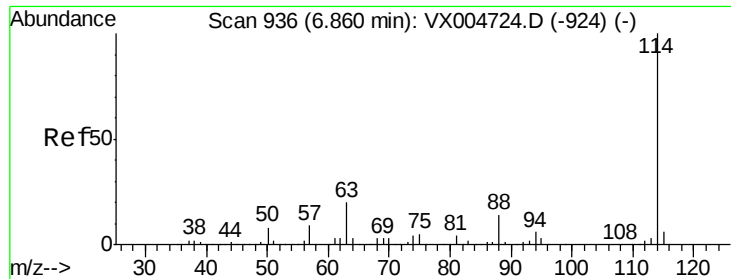
67 53.9 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

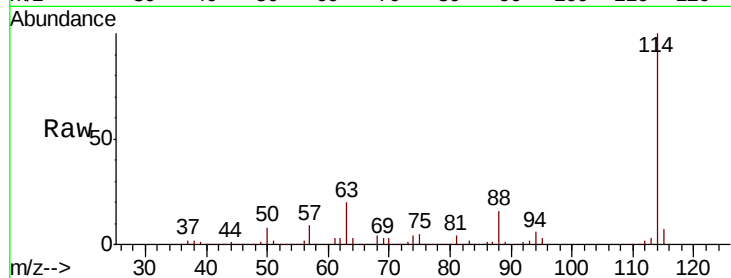




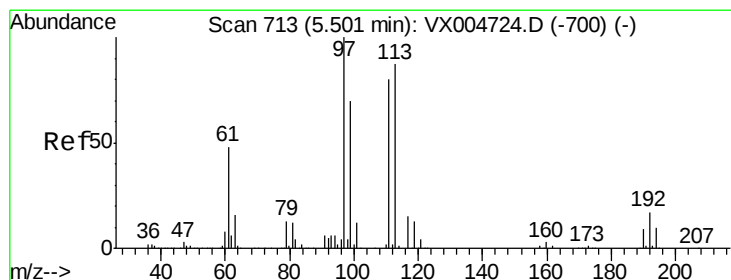
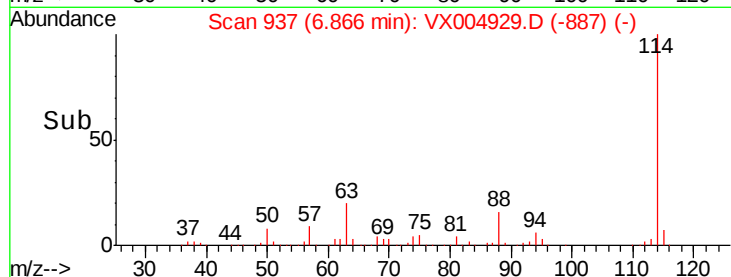
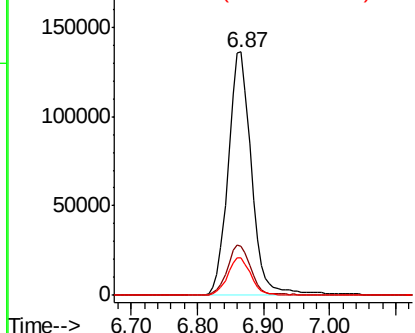
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004929.D
 Acq: 02 Oct 2018 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#06

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.8
88	15.6	0.0	27.0

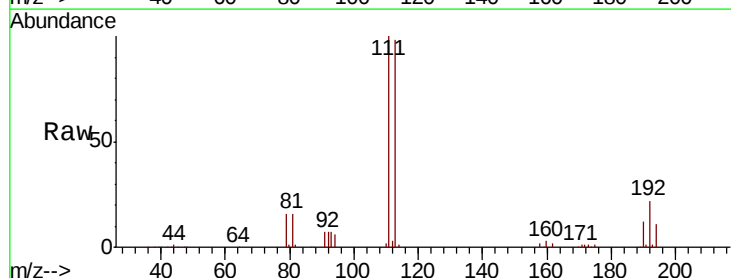


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

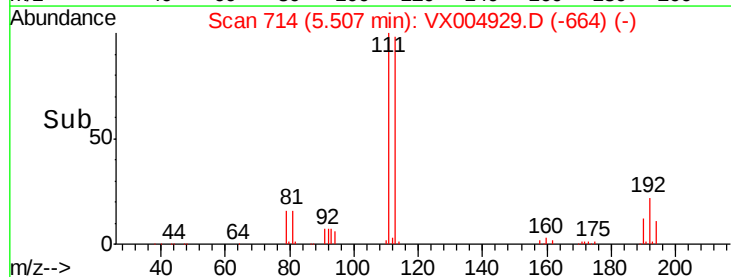
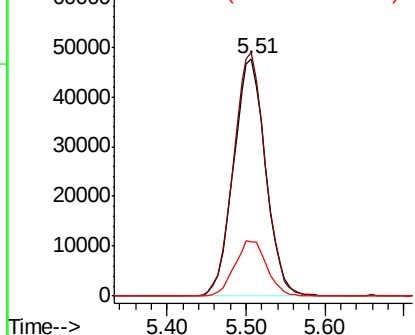


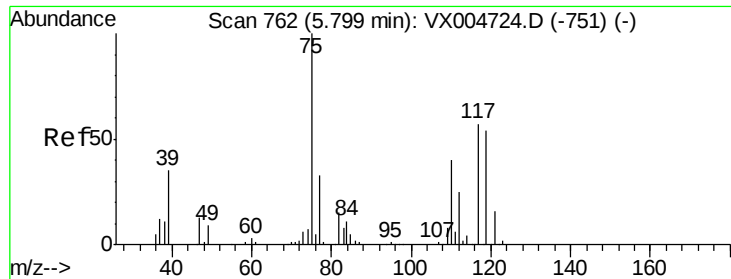
#35
 Dibromofluoromethane
 Concen: 47.525 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004929.D
 Acq: 02 Oct 2018 19:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	77.0	115.4
192	23.3	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: 3.411 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#06

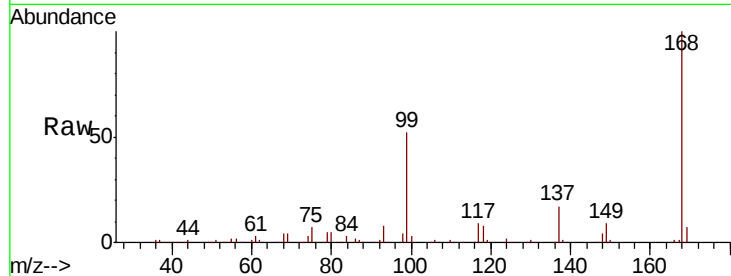
Tot Ion: 75 Resp: 13185

Ion Ratio Lower Upper

75 100

110 10.1 20.0 59.9#

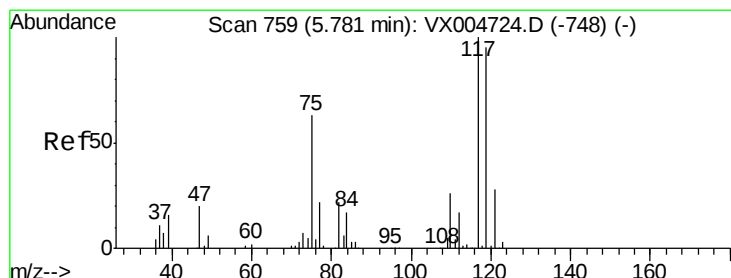
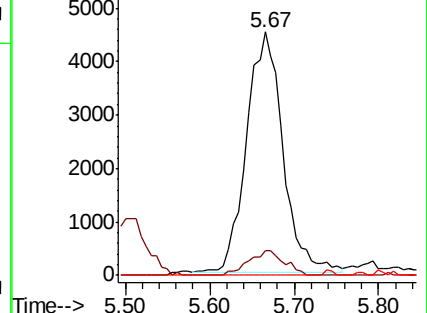
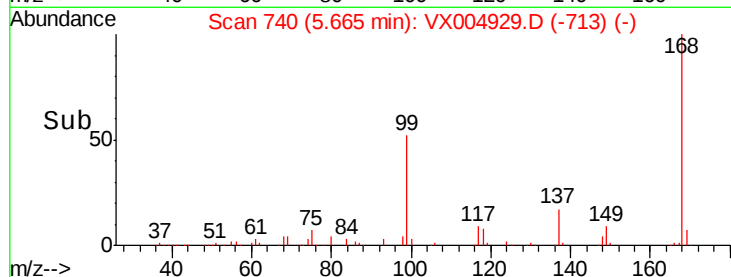
77 0.0 27.1 40.7#



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: 4.345 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

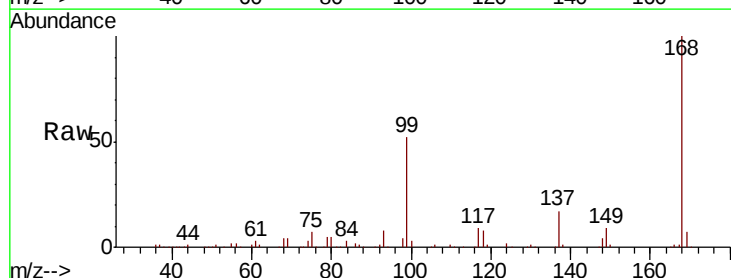
Tgt Ion: 117 Resp: 17655

Ion Ratio Lower Upper

117 100

119 5.6 75.2 112.8#

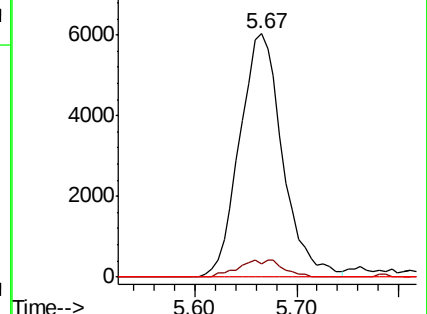
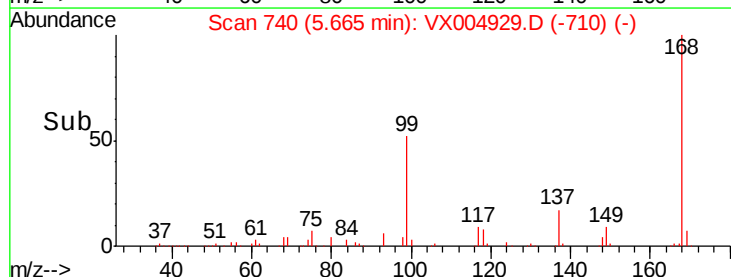
121 0.0 22.5 33.7#

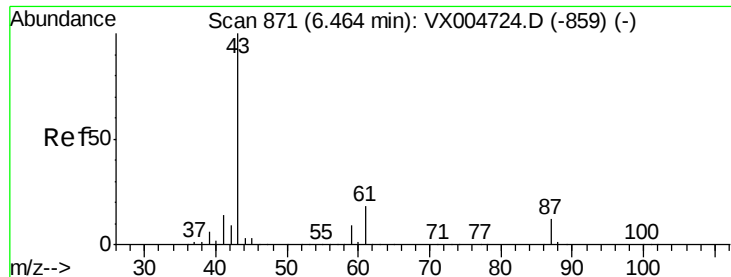


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 25.321 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#06

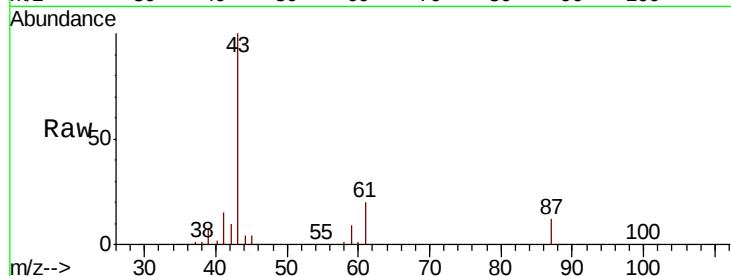
Tot Ion: 43 Resp: 187508

Ion Ratio Lower Upper

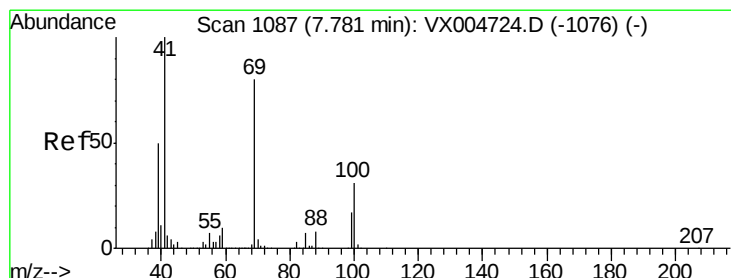
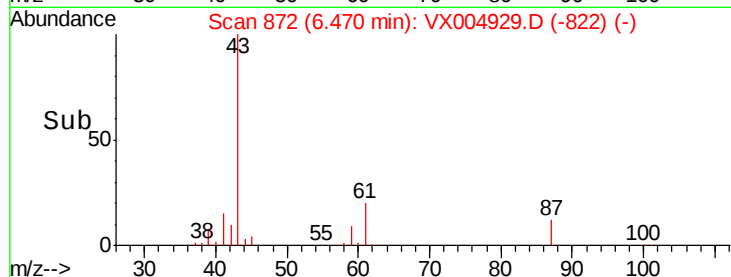
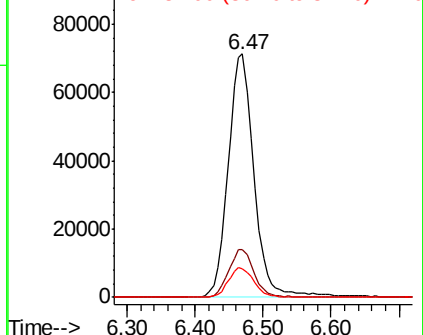
43 100

61 19.4 14.2 21.4

87 12.2 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: 5.596 ug/l

RT: 7.88 min Scan# 1104

Delta R.T. 0.10 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

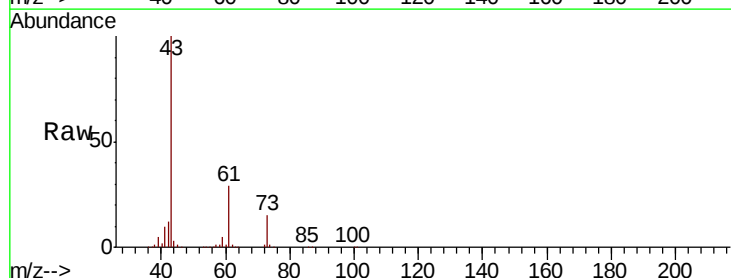
Tgt Ion: 41 Resp: 18810

Ion Ratio Lower Upper

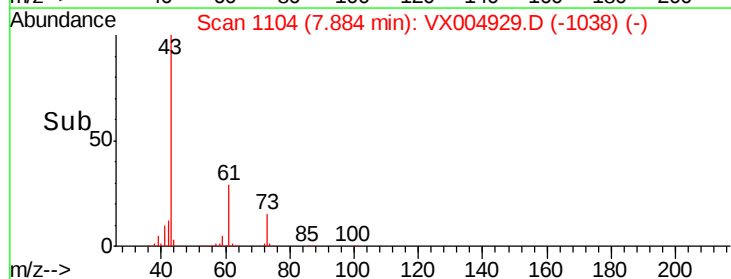
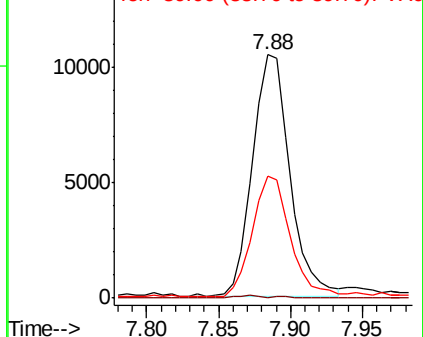
41 100

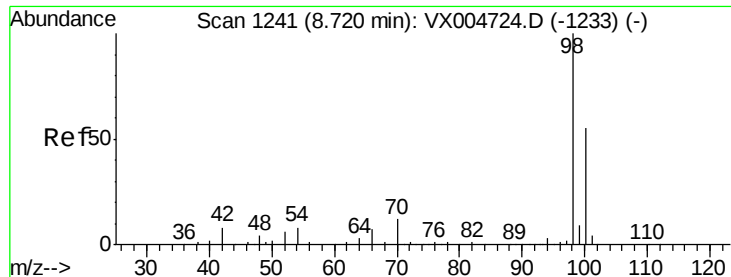
69 0.3 63.8 95.6#

39 51.2 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

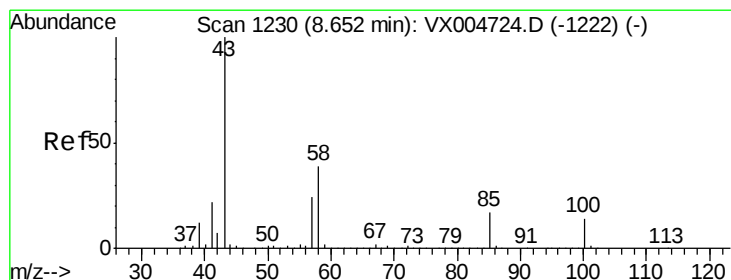
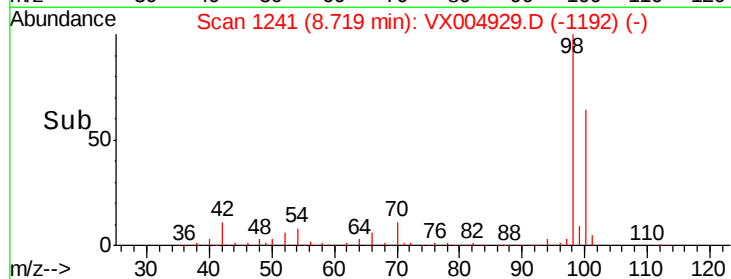
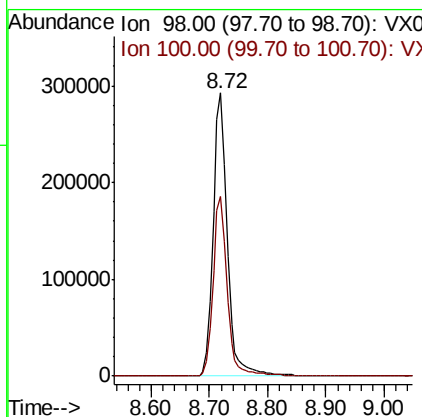
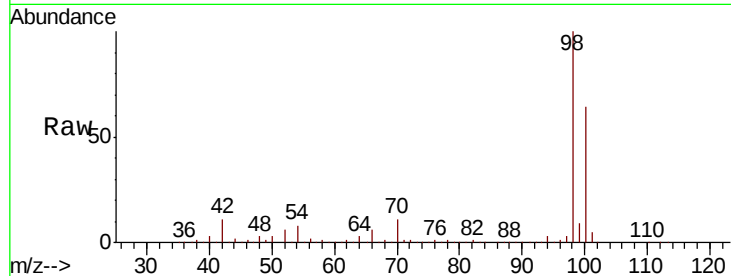




#50
Toluene-d8
Concen: 52.263 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004929.D
Acq: 02 Oct 2018 19:55

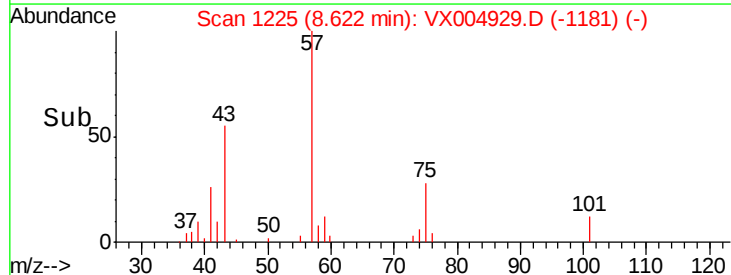
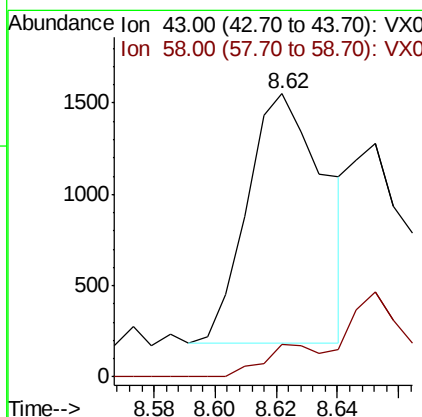
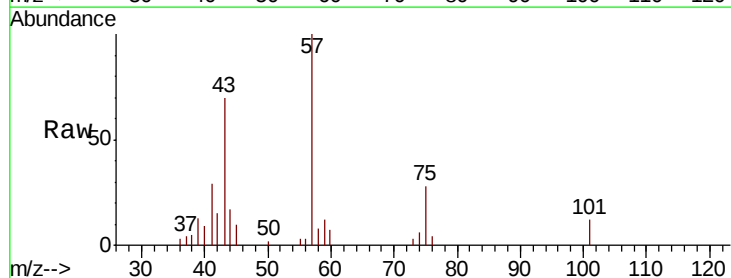
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#06

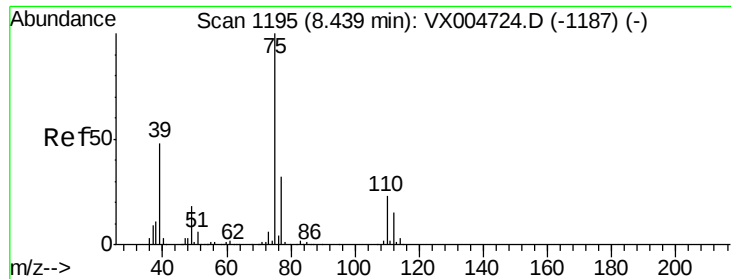
Tot Ion: 98 Resp: 492217
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.520 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004929.D
Acq: 02 Oct 2018 19:55

Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#



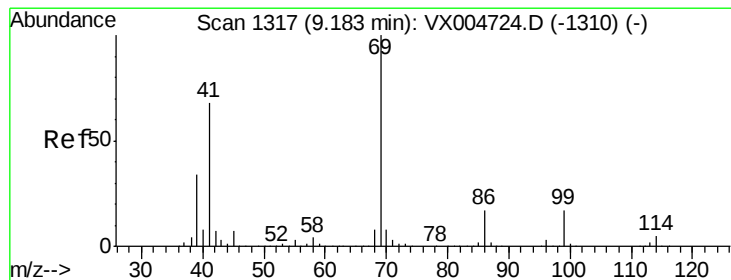
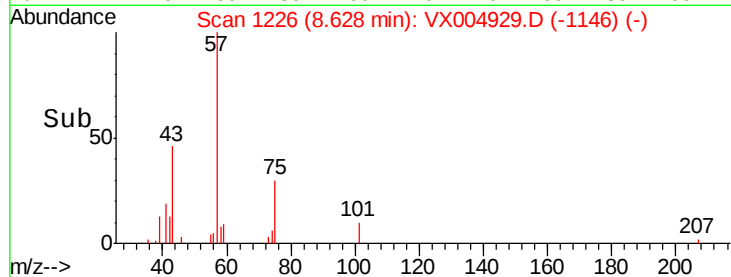
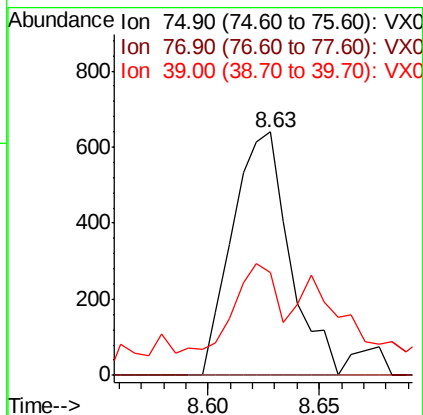
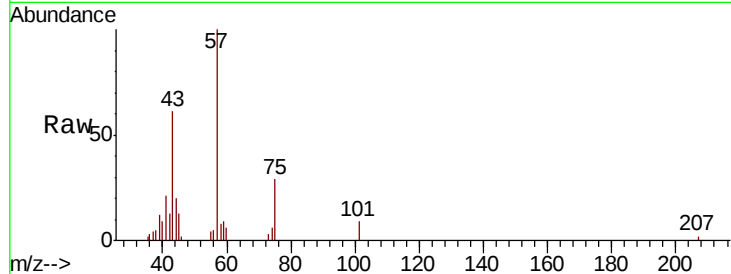


#54

cis-1,3-Dichloropropene
 Concen: 0.277 ug/l
 RT: 8.63 min Scan# 1226
 Delta R.T. 0.19 min
 Lab File: VX004929.D
 Acq: 02 Oct 2018 19:55

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#06

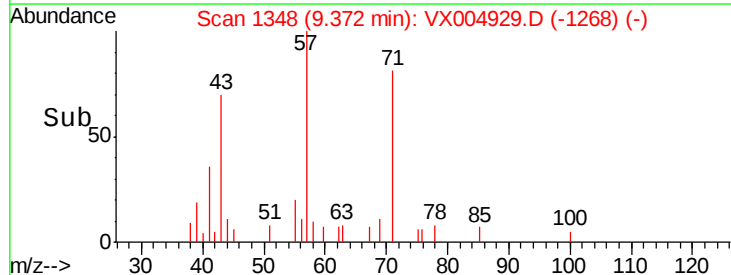
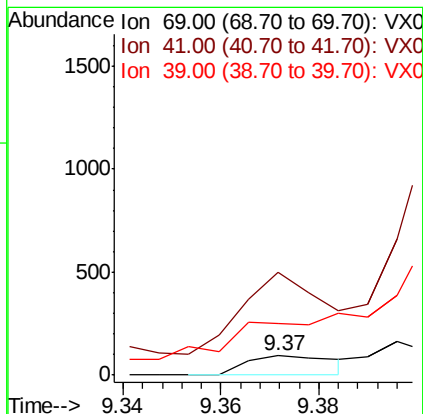
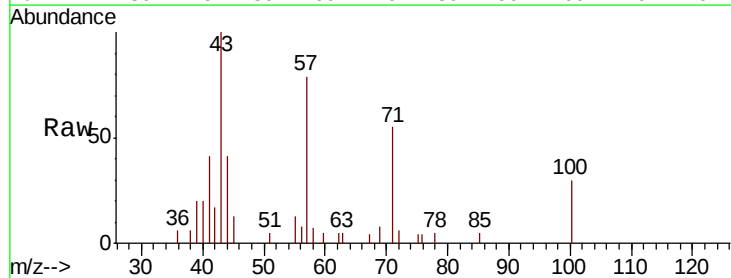
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	30.8	38.3	57.5#

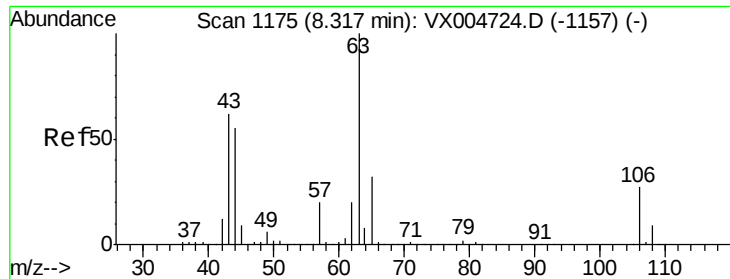


#56

Ethyl methacrylate
 Concen: 2.886 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.19 min
 Lab File: VX004929.D
 Acq: 02 Oct 2018 19:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	388.2	56.9	85.3#
39	0.0	28.4	42.6#

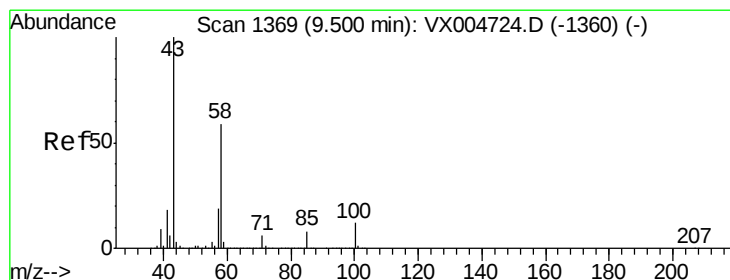
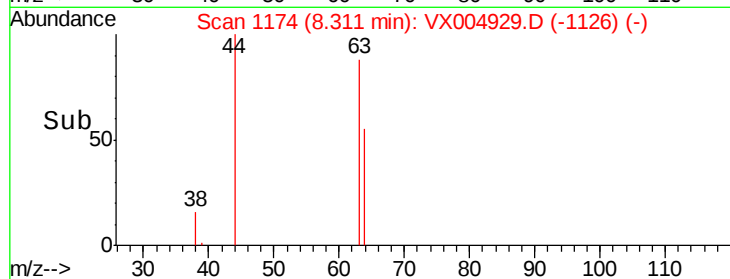
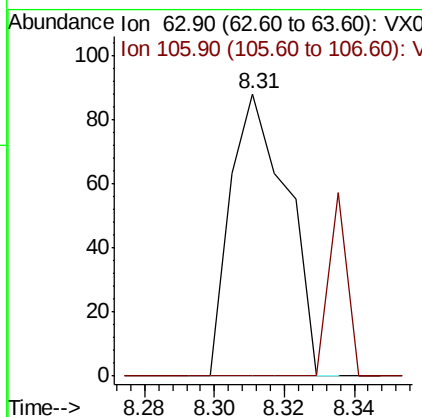
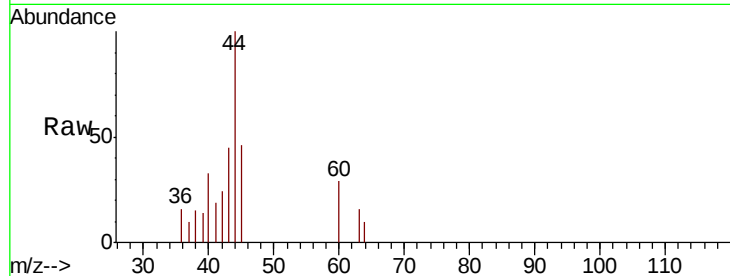




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.279 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX004929.D
 Acq: 02 Oct 2018 19:55

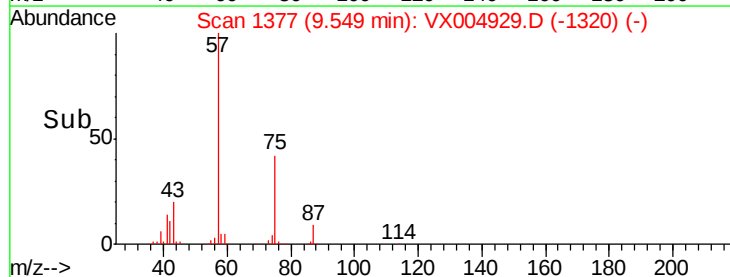
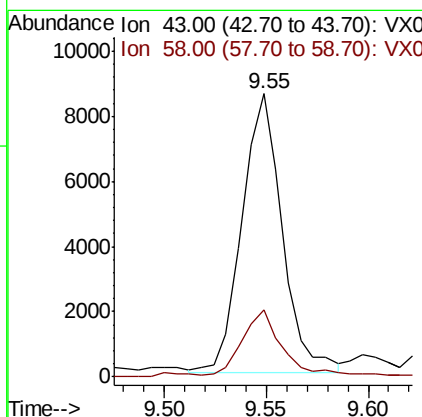
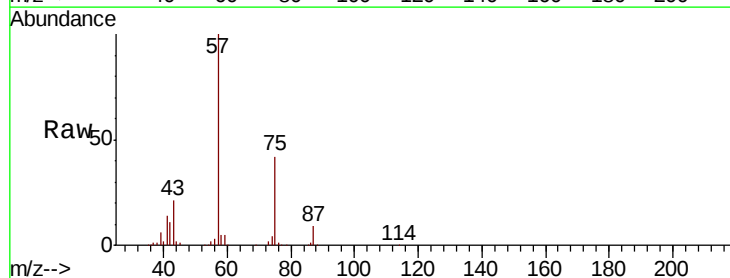
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#06

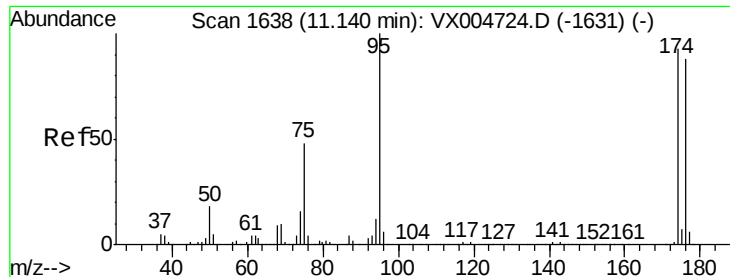
Tot Ion: 63 Resp: 98
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#



#59
 2-Hexanone
 Concen: 3.021 ug/l
 RT: 9.55 min Scan# 1377
 Delta R.T. 0.05 min
 Lab File: VX004929.D
 Acq: 02 Oct 2018 19:55

Tgt Ion: 43 Resp: 11739
 Ion Ratio Lower Upper
 43 100
 58 24.9 28.4 85.3#





#62

4-Bromofluorobenzene

Concen: 51.634 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#06

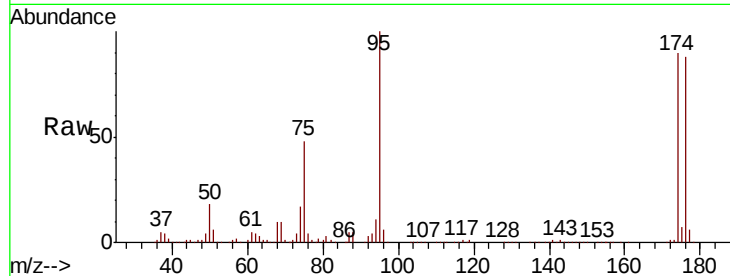
Tot Ion: 95 Resp: 175190

Ion Ratio Lower Upper

95 100

174 91.5 0.0 185.0

176 88.2 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) (-)

11.14

150000

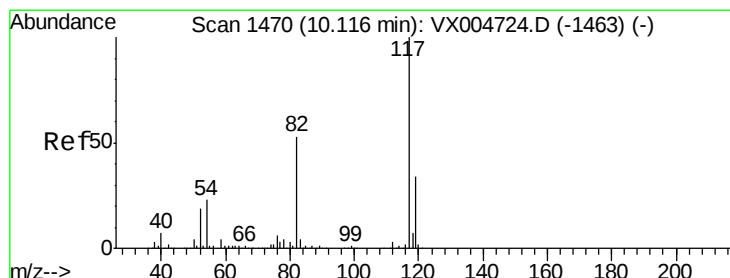
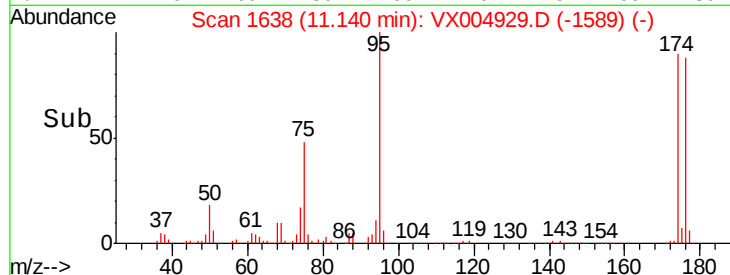
100000

50000

0

Time-->

11.10 11.20 11.30



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

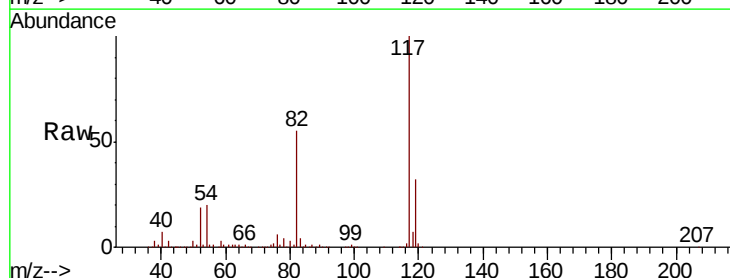
Tgt Ion: 117 Resp: 335585

Ion Ratio Lower Upper

117 100

82 55.5 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) (-)

10.12

300000

250000

200000

150000

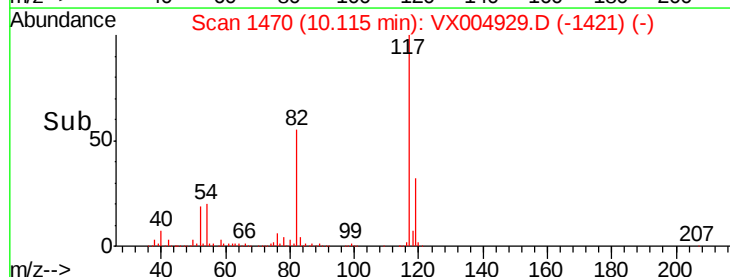
100000

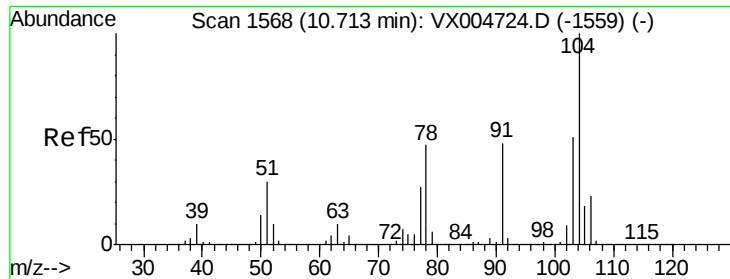
50000

0

Time-->

10.00 10.20





#70

Stvrene

Concen: 2.169 ug/l

RT: 10.72 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#06

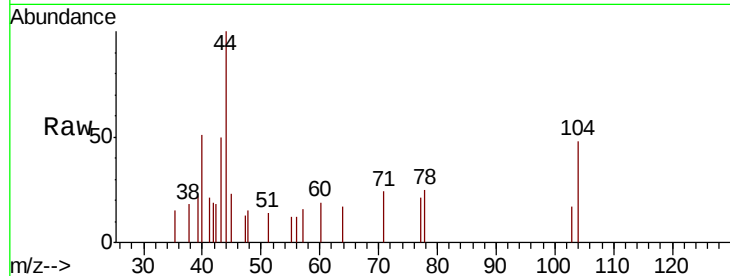
Tot Ion:104 Resp: 274

Ion Ratio Lower Upper

104 100

78 73.4 40.0 60.0#

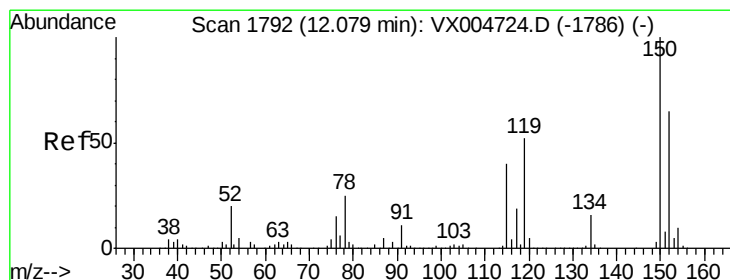
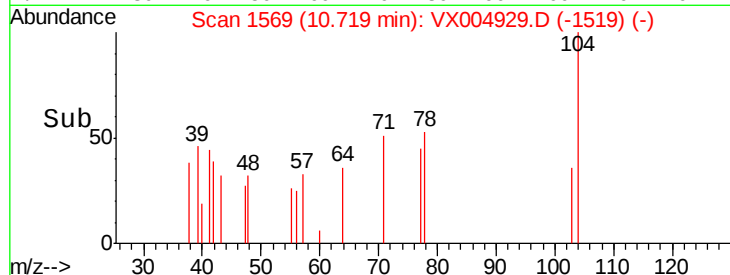
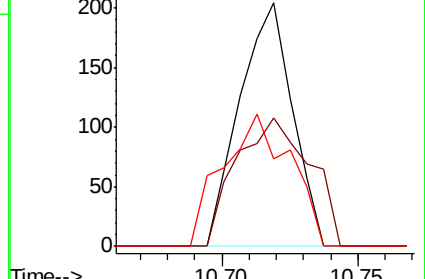
103 69.7 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

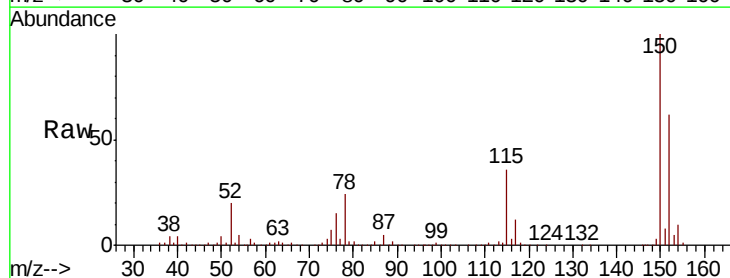
Tgt Ion:152 Resp: 176313

Ion Ratio Lower Upper

152 100

115 56.1 40.2 120.6

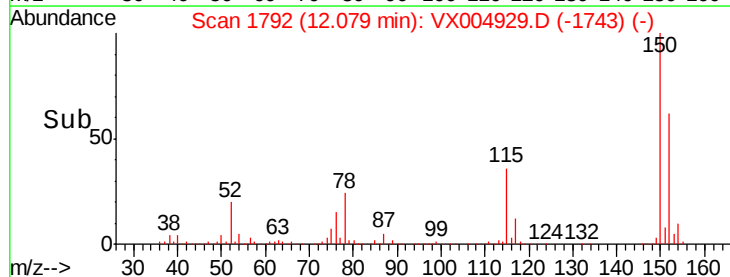
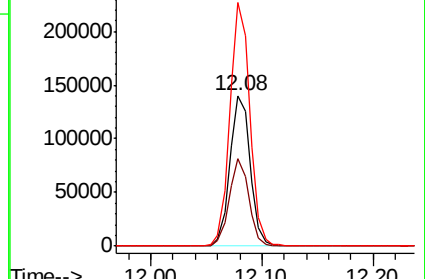
150 159.2 0.0 351.0

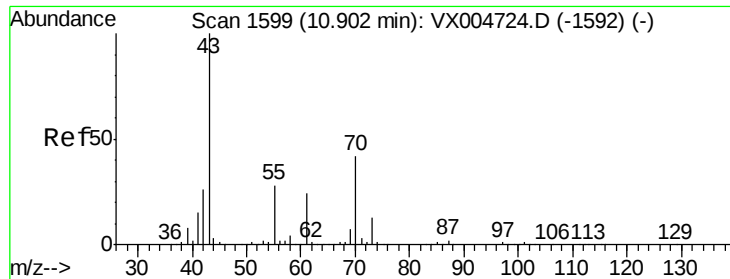


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.761 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#06

Tot Ion: 43 Resp: 84

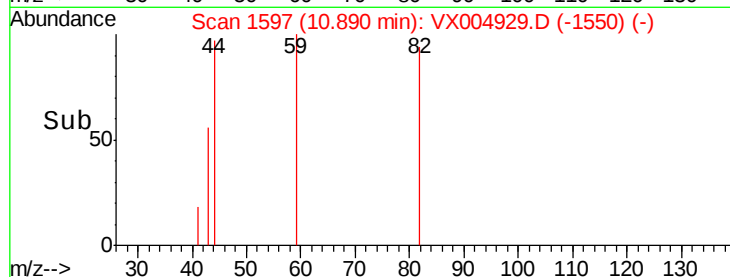
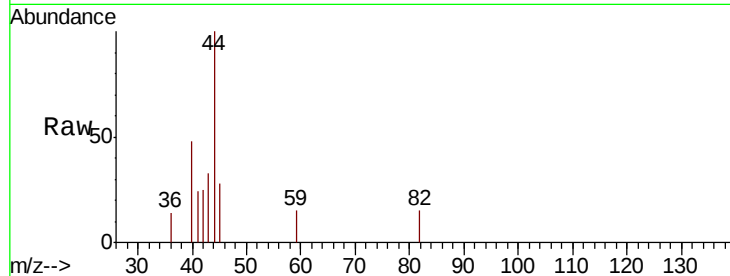
Ion Ratio Lower Upper

43 100

70 61.9 32.6 48.8#

55 0.0 21.6 32.4#

61 0.0 19.1 28.7#

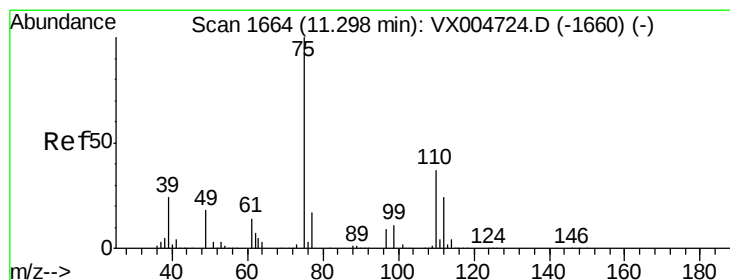
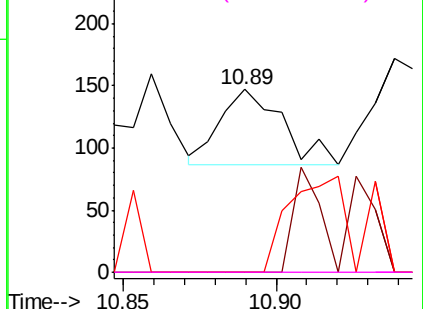


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 21.533 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004929.D

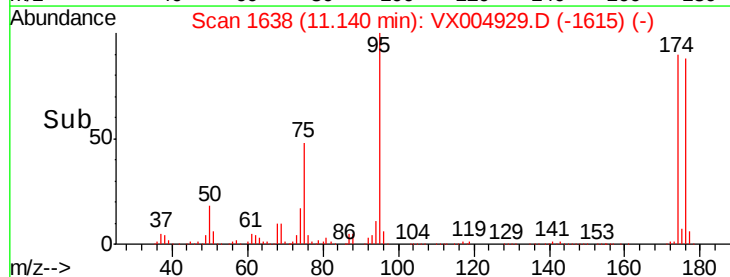
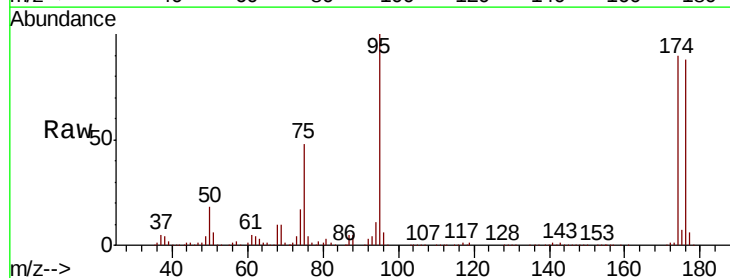
Acq: 02 Oct 2018 19:55

Tgt Ion: 75 Resp: 85093

Ion Ratio Lower Upper

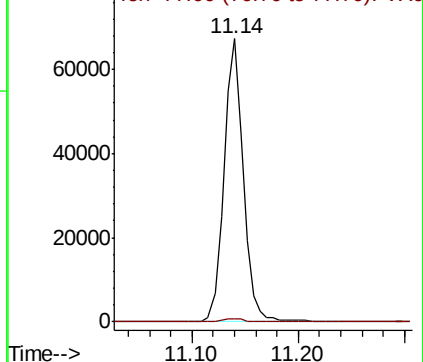
75 100

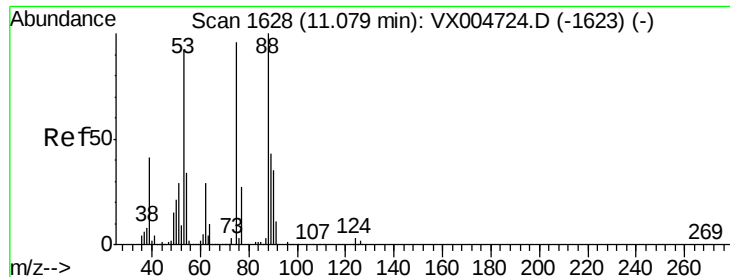
77 1.4 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 58.381 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

PB113364ZHE#06

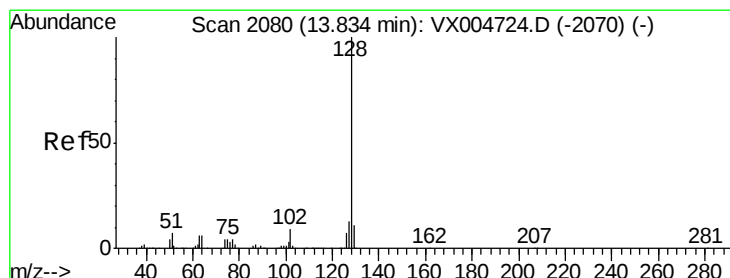
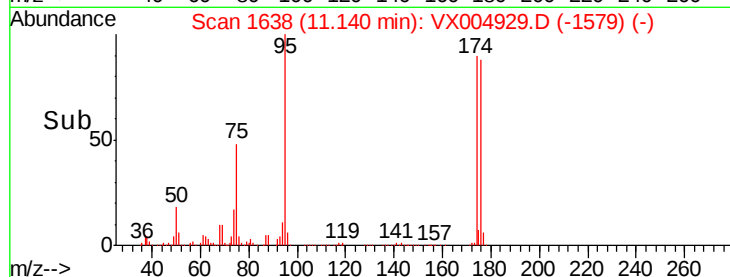
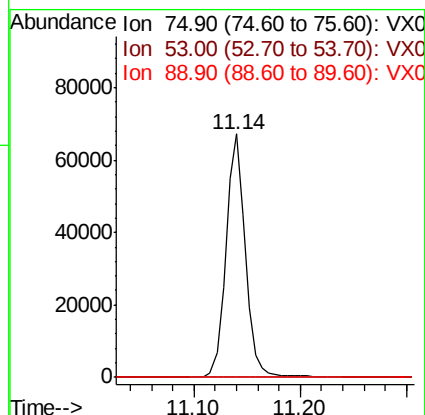
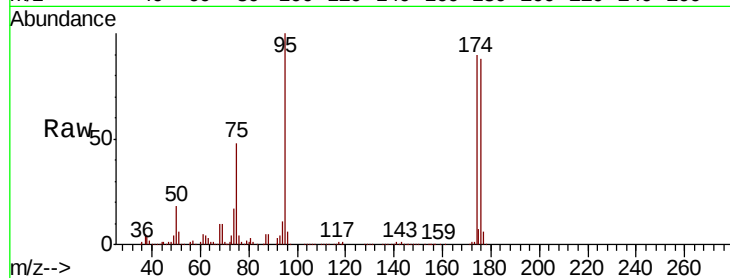
Tot Ion: 75 Resp: 85093

Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.4#

89 0.0 37.1 55.7#



#95

Naphthalene

Concen: 0.790 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004929.D

Acq: 02 Oct 2018 19:55

Tgt Ion: 128 Resp: 1051

Ion Ratio Lower Upper

128 100

127 16.7 10.4 15.6#

129 5.2 8.7 13.1#

