

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005087.D
 Acq On : 06 Oct 2018 00:39
 Operator : JC/MD
 Sample : PB113539ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113539ZHE#02

Quant Time: Oct 06 01:00:20 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	210748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180213	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	164804	54.74	ug/l	0.00
Spiked Amount			Recovery	=	109.48%	
35) Dibromofluoromethane	5.51	113	136240	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
50) Toluene-d8	8.72	98	478719	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.14	95	173261	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	

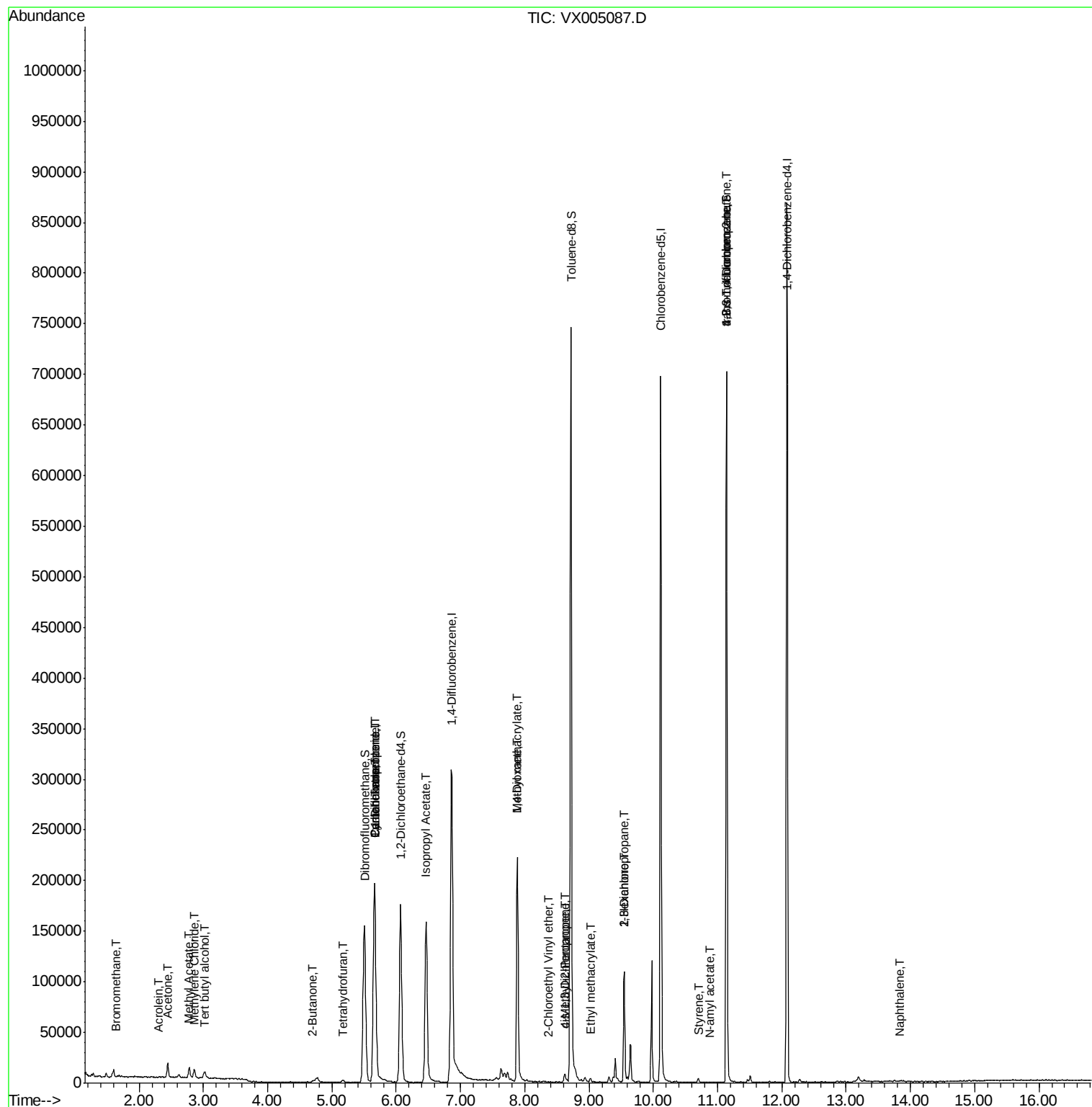
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	434	0.224	ug/l #	41
6) Chloroethane	1.71	64	337	Below Cal	#	46
11) Tert butyl alcohol	3.02	59	4433	5.266	ug/l #	78
13) Acrolein	2.29	56	168	0.281	ug/l	86
16) Acetone	2.45	43	14677	8.351	ug/l	94
18) Methyl Acetate	2.78	43	11902	2.673	ug/l	96
20) Methylene Chloride	2.85	84	3467	0.526	ug/l #	84
25) 2-Butanone	4.70	43	3656	1.411	ug/l	97
29) Tetrahydrofuran	5.16	42	1719	1.068	ug/l #	61
31) Cyclohexane	5.66	56	3826	0.999	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14977	3.943	ug/l #	45
38) Carbon Tetrachloride	5.67	117	18599	4.658	ug/l #	16
43) Isopropyl Acetate	6.46	43	212248	29.162	ug/l	96
48) Methyl methacrylate	7.88	41	20196	6.114	ug/l #	43
49) 1,4-Dioxane	7.89	88	19	0.232	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	2858	0.624	ug/l #	37
54) cis-1,3-Dichloropropene	8.62	75	1415	0.348	ug/l #	69
56) Ethyl methacrylate	9.04	69	112	2.885	ug/l #	1
57) 1,3-Dichloropropane	9.55	76	985	0.207	ug/l #	41
58) 2-Chloroethyl Vinyl ether	8.37	63	20	14.250	ug/l #	49
59) 2-Hexanone	9.55	43	12705	3.327	ug/l #	54
70) Styrene	10.71	104	226	2.164	ug/l #	83
74) N-ethyl acetate	10.89	43	77	1.760	ug/l #	46
76) 1,2,3-Trichloropropane	11.14	75	85888	21.263	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	85888	57.676	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	453	Below Cal		86
95) Naphthalene	13.83	128	534	0.755	ug/l #	90

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

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Instrument :
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Quant Time: Oct 06 01:00:20 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

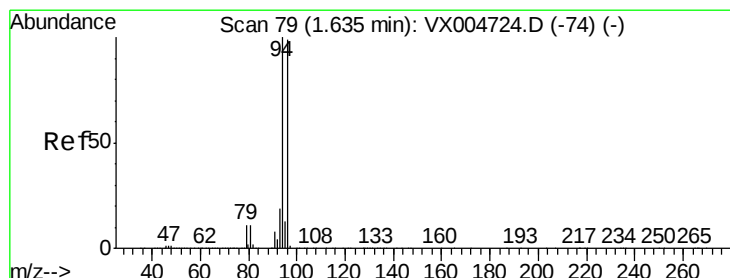
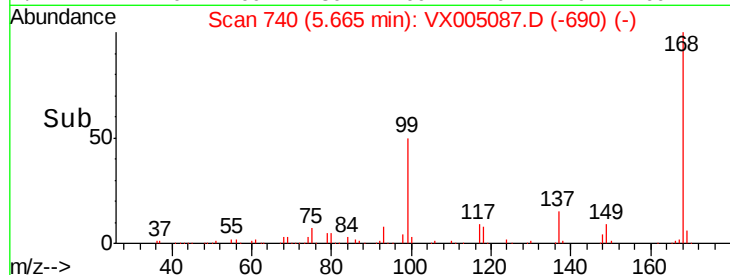
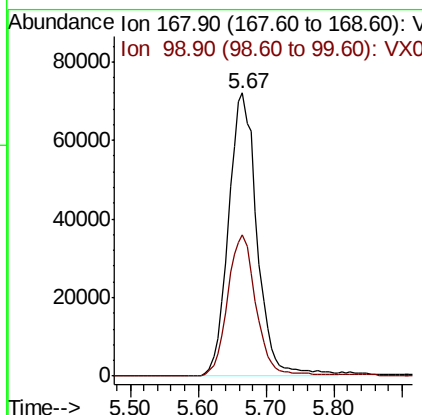
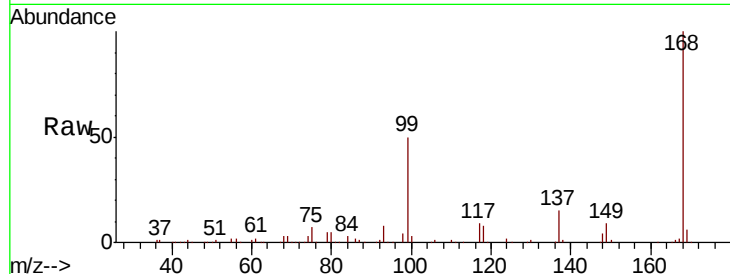




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005087.D
Acq: 06 Oct 2018 00:39

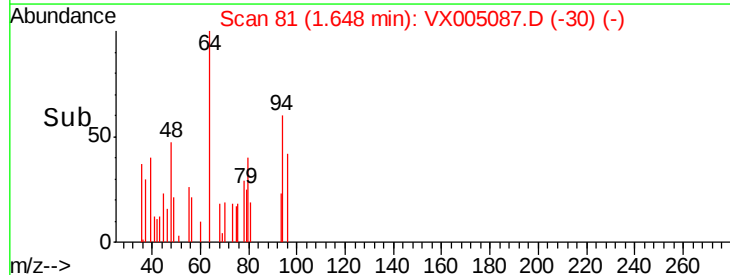
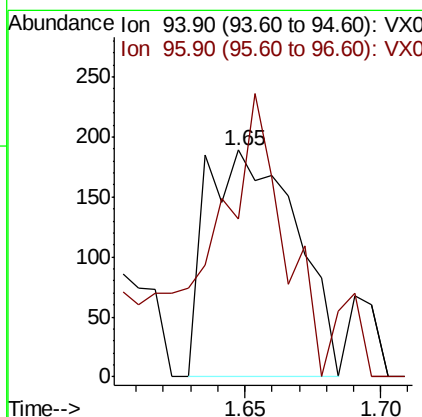
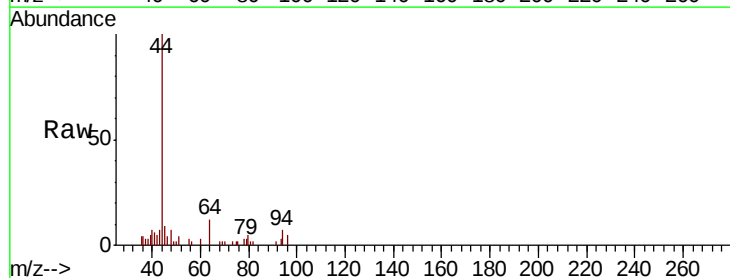
Instrument :
MSVOA_X
ClientSampleId :
PB113539ZHE#02

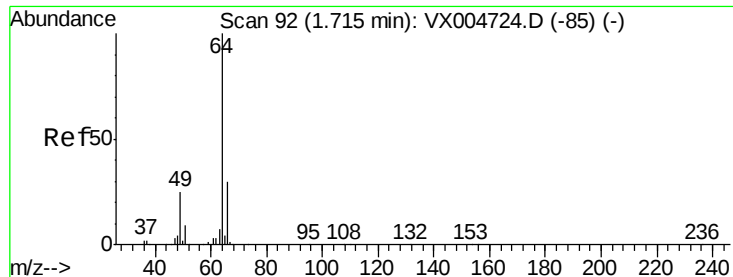
Tot Ion:168 Resp: 210748
Ion Ratio Lower Upper
168 100
99 49.8 39.3 58.9



#5
Bromomethane
Concen: 0.224 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX005087.D
Acq: 06 Oct 2018 00:39

Tgt Ion: 94 Resp: 434
Ion Ratio Lower Upper
94 100
96 40.7 79.5 119.3#





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

Instrument :

MSVOA_X

ClientSampleId :

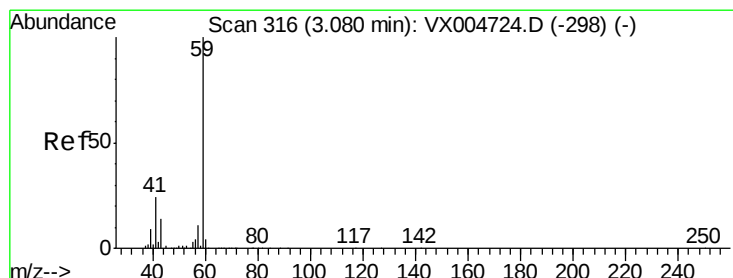
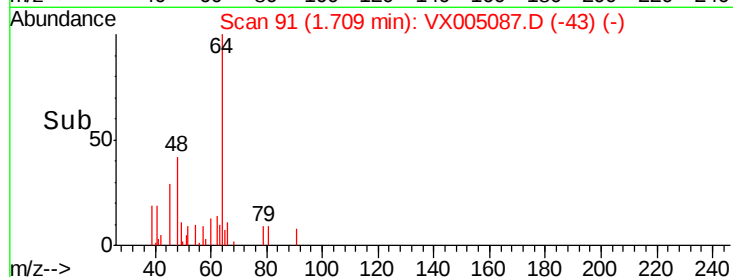
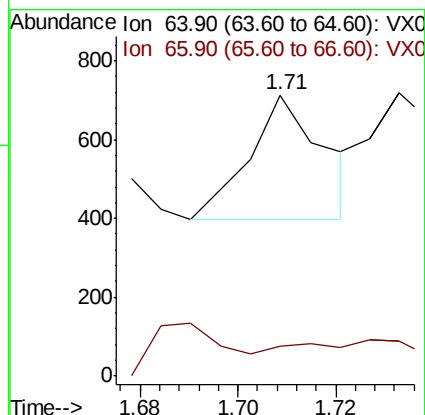
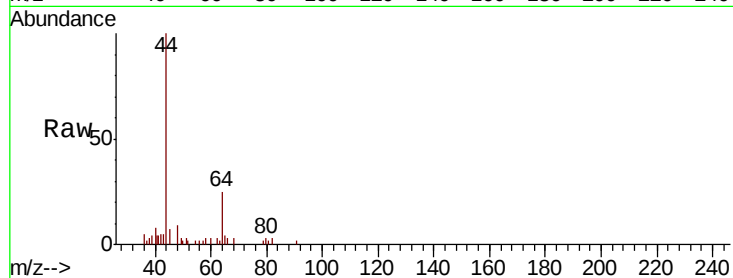
PB113539ZHE#02

Tot Ion: 64 Resp: 337

Ion Ratio Lower Upper

64 100

66 0.3 23.8 35.6#



#11

Tert butyl alcohol

Concen: 5.266 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX005087.D

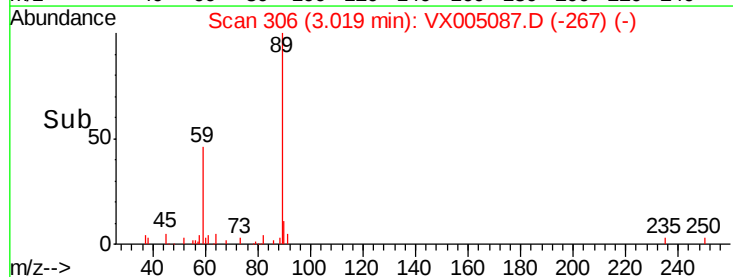
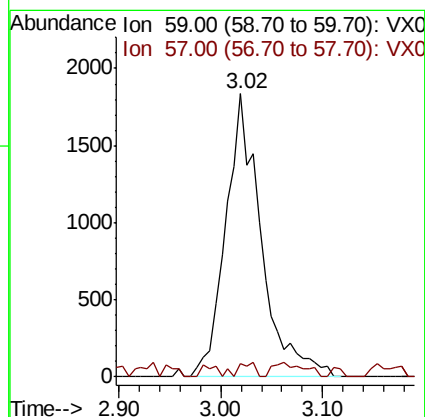
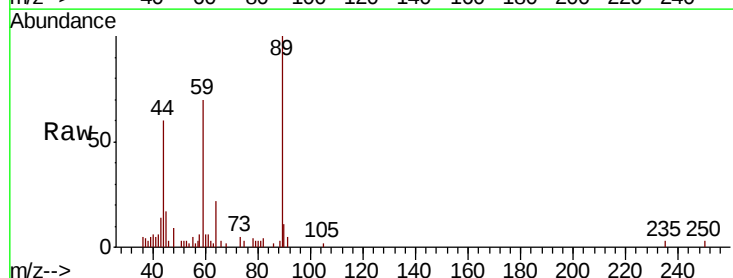
Acq: 06 Oct 2018 00:39

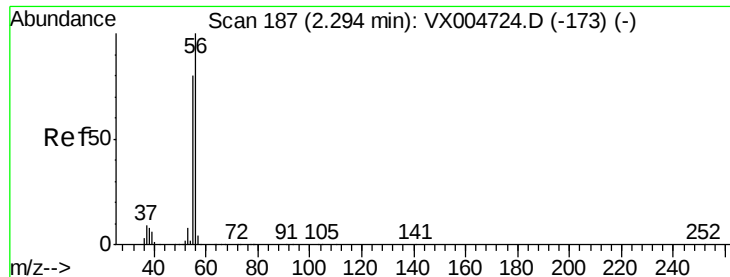
Tgt Ion: 59 Resp: 4433

Ion Ratio Lower Upper

59 100

57 2.5 8.6 12.8#





#13

Acrolein

Concen: 0.281 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

Instrument :

MSVOA_X

ClientSampleId :

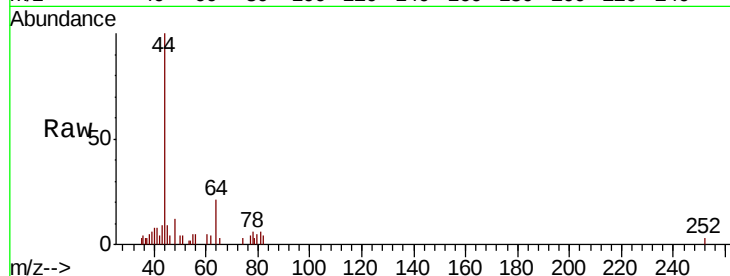
PB113539ZHE#02

Tot Ion: 56 Resp: 168

Ion Ratio Lower Upper

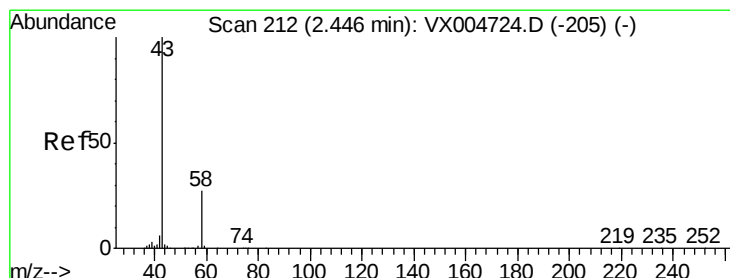
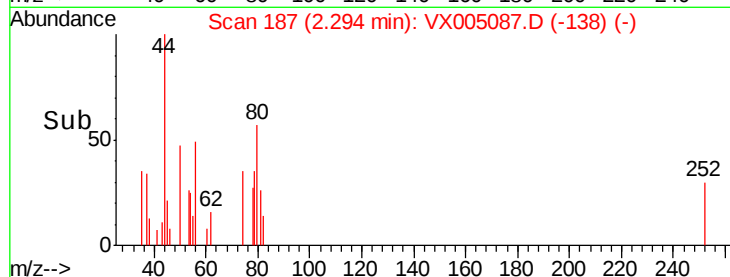
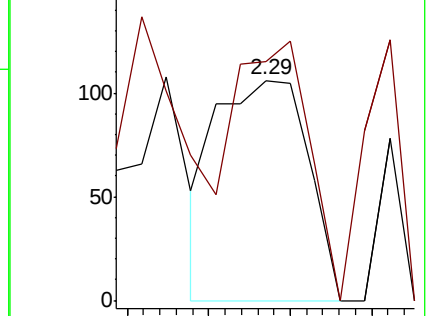
56 100

55 91.7 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: 8.351 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005087.D

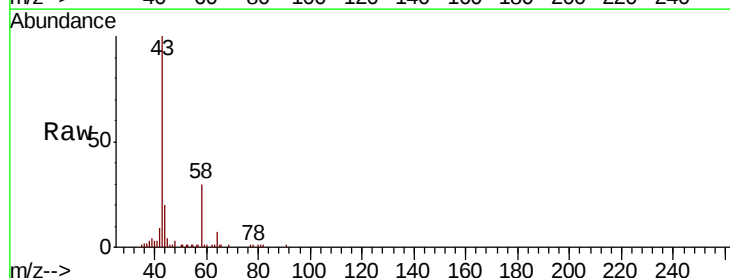
Acq: 06 Oct 2018 00:39

Tgt Ion: 43 Resp: 14677

Ion Ratio Lower Upper

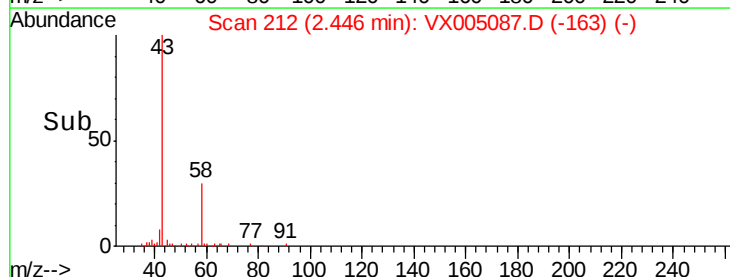
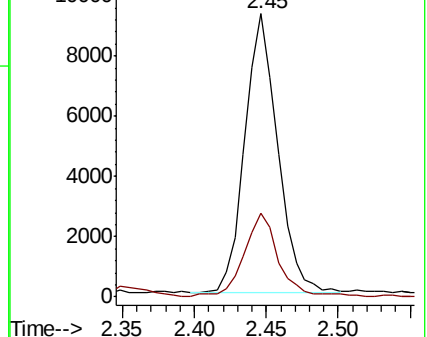
43 100

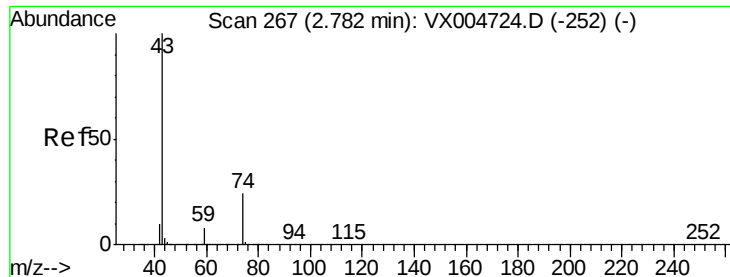
58 30.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

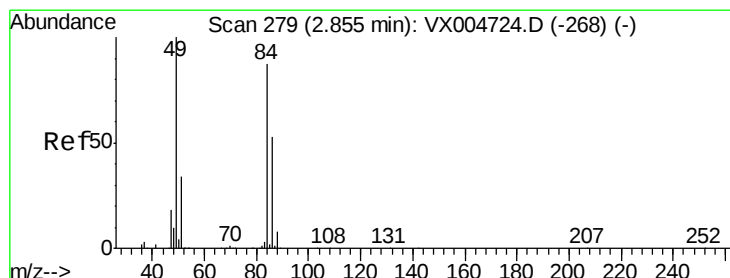
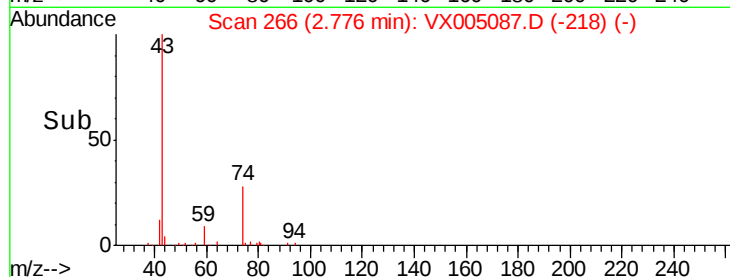
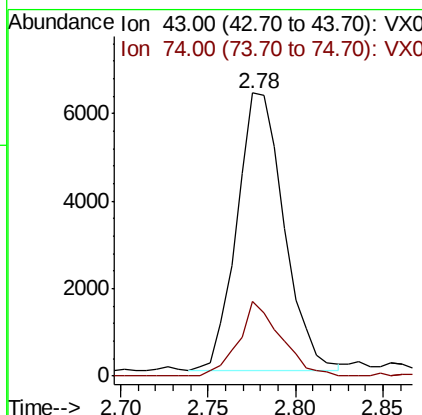
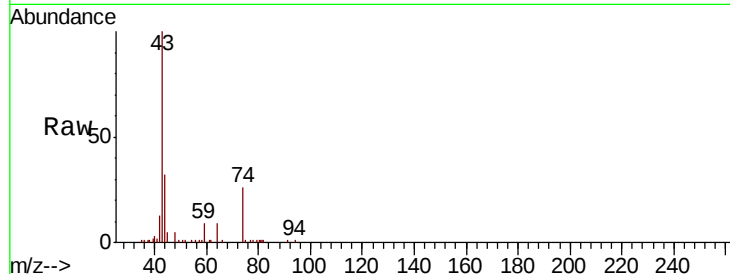




#18
Methvl Acetate
Concen: 2.673 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005087.D
Acq: 06 Oct 2018 00:39

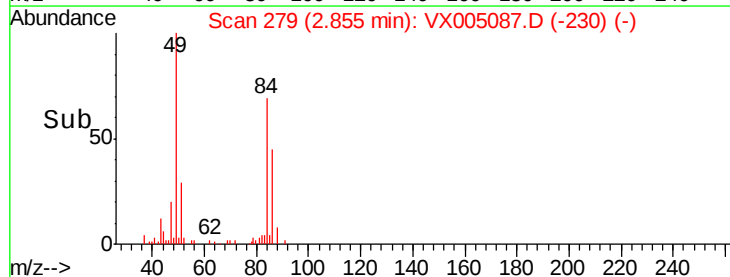
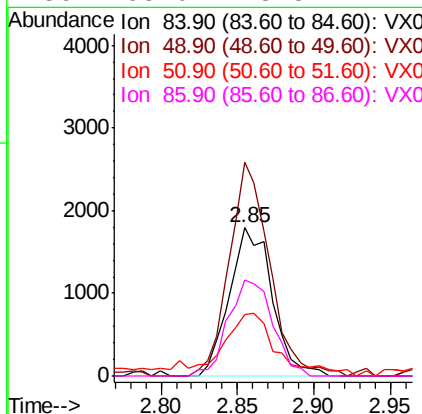
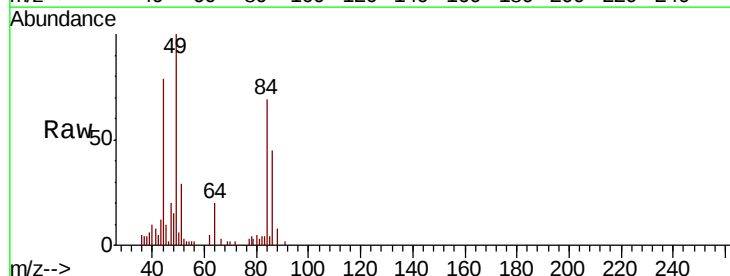
Instrument :
MSVOA_X
ClientSampleId :
PB113539ZHE#02

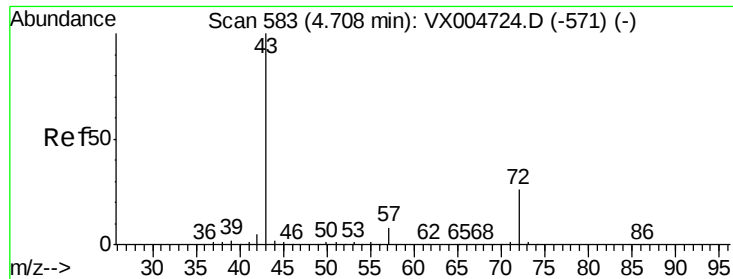
Tot Ion: 43 Resp: 11902
Ion Ratio Lower Upper
43 100
74 24.0 17.8 26.8



#20
Methylene Chloride
Concen: 0.526 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005087.D
Acq: 06 Oct 2018 00:39

Tgt Ion: 84 Resp: 3467
Ion Ratio Lower Upper
84 100
49 144.4 92.3 138.5#
51 37.9 31.8 47.6
86 65.0 48.5 72.7





#25

2-Butanone

Concen: 1.411 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

Instrument :

MSVOA_X

ClientSampleId :

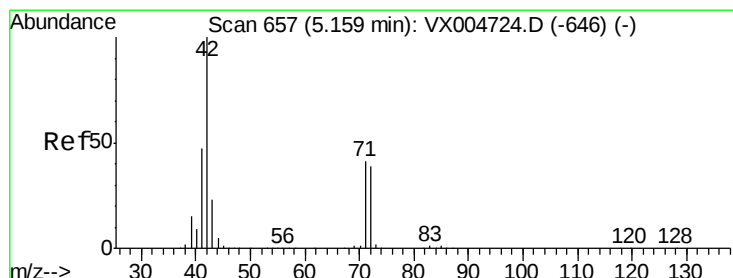
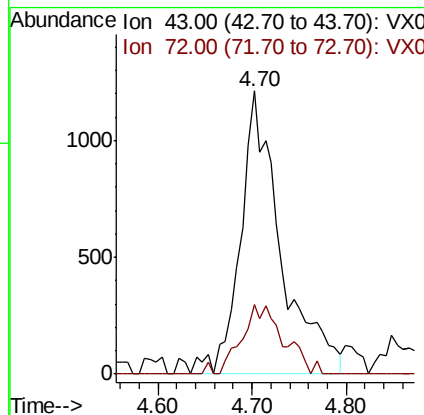
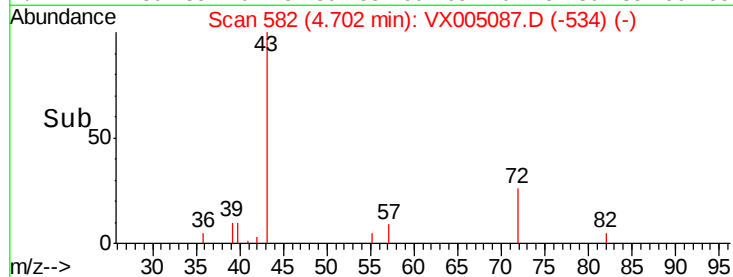
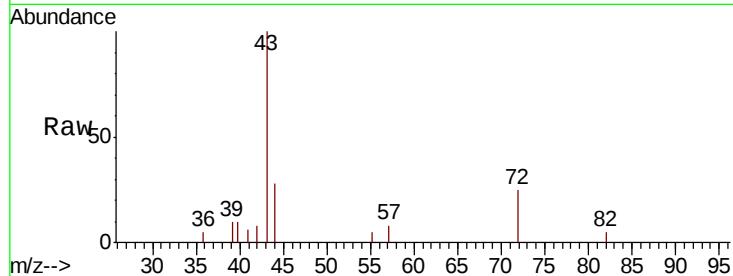
PB113539ZHE#02

Tot Ion: 43 Resp: 3656

Ion Ratio Lower Upper

43 100

72 24.6 20.8 31.2



#29

Tetrahydrofuran

Concen: 1.068 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

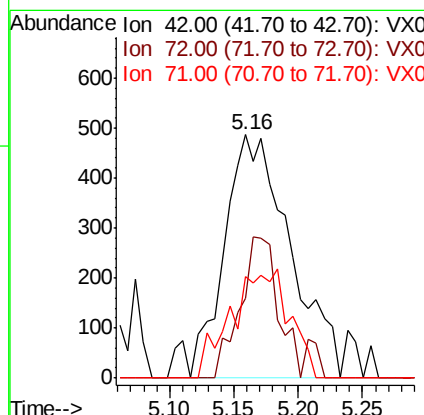
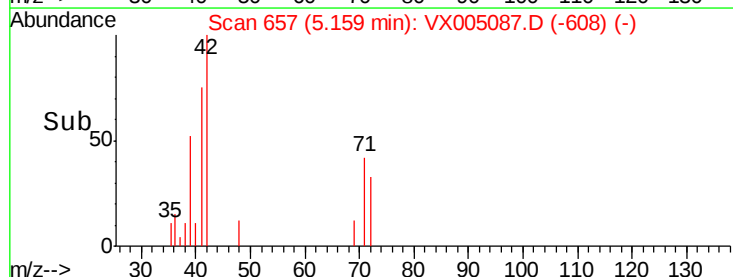
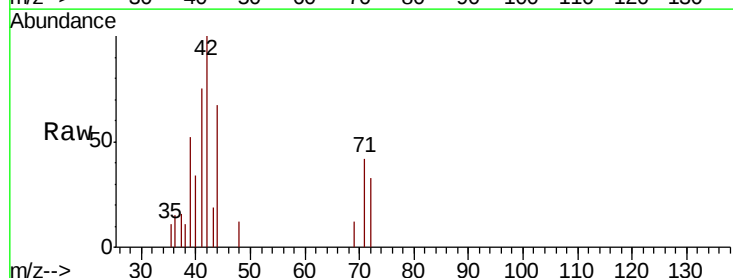
Tgt Ion: 42 Resp: 1719

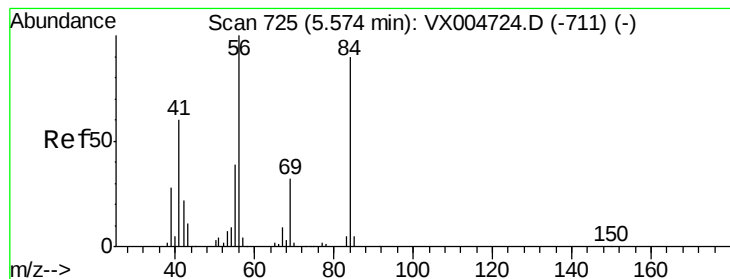
Ion Ratio Lower Upper

42 100

72 33.4 33.7 50.5#

71 0.0 32.2 48.4#





#31

Cyclohexane

Concen: 0.999 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#02

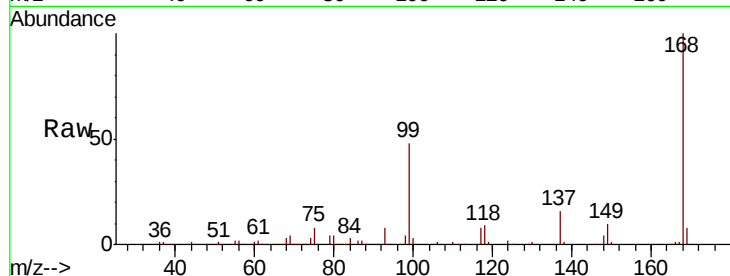
Tot Ion: 56 Resp: 3826

Ion Ratio Lower Upper

56 100

69 170.7 25.9 38.9#

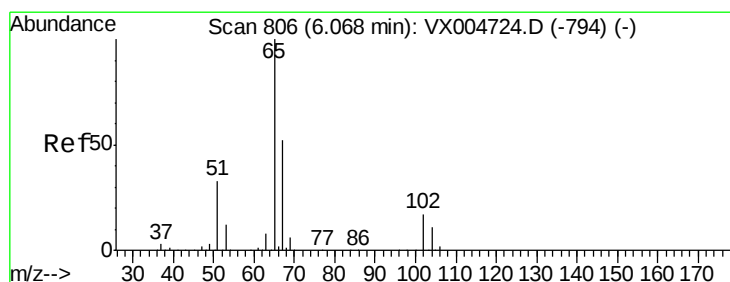
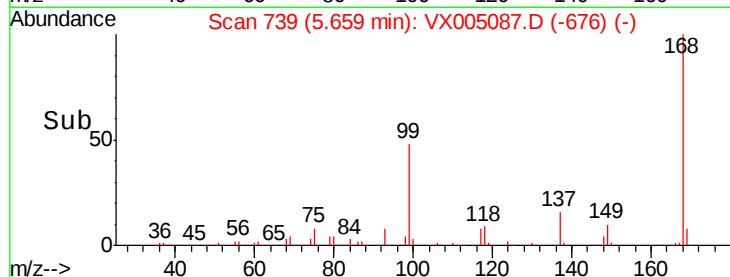
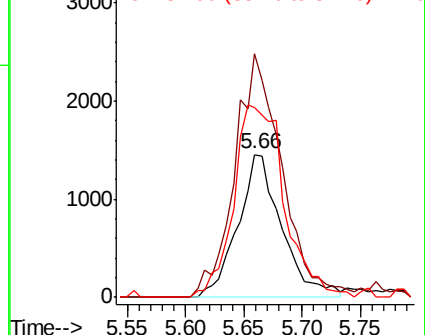
84 133.4 71.9 107.9#



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: 54.742 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005087.D

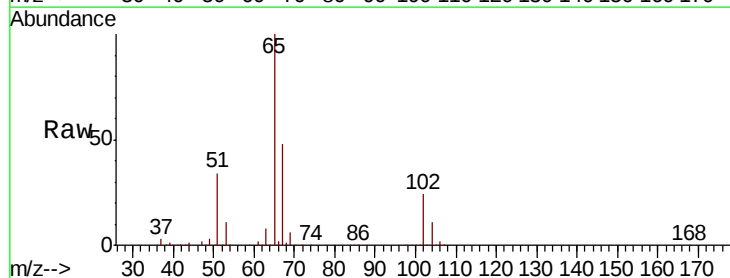
Acq: 06 Oct 2018 00:39

Tgt Ion: 65 Resp: 164804

Ion Ratio Lower Upper

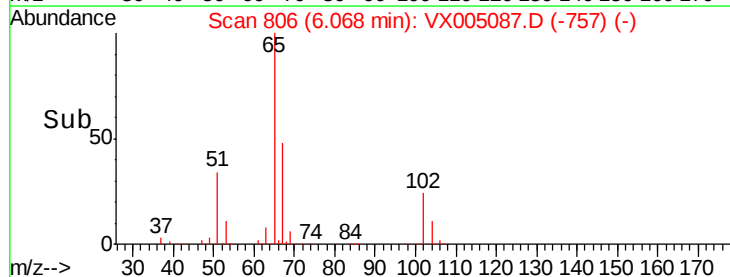
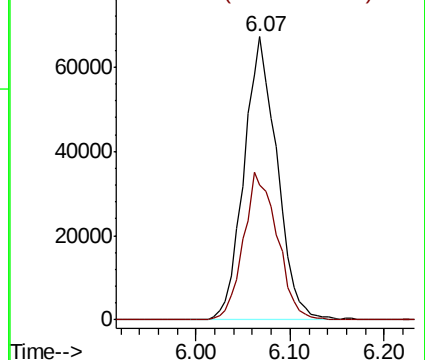
65 100

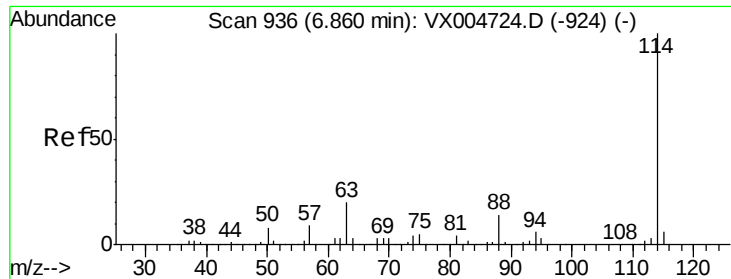
67 53.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

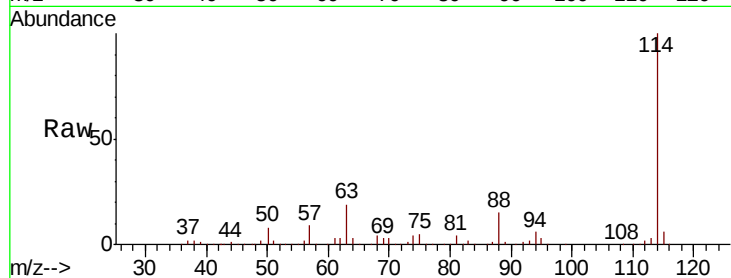




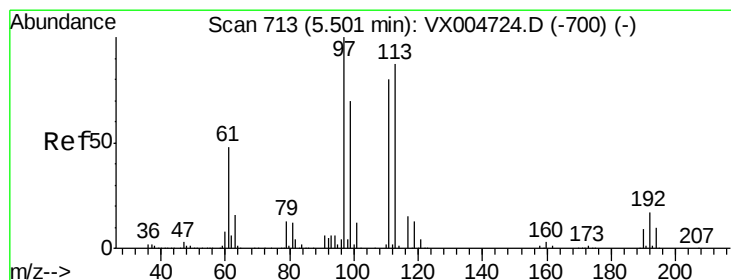
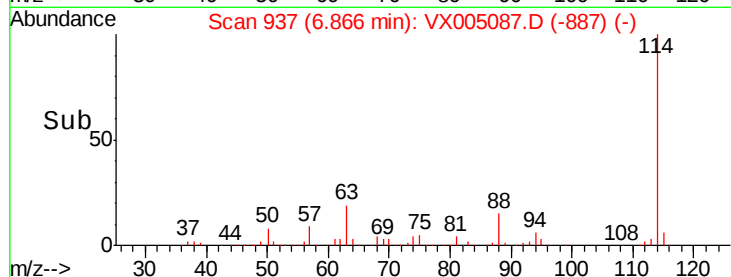
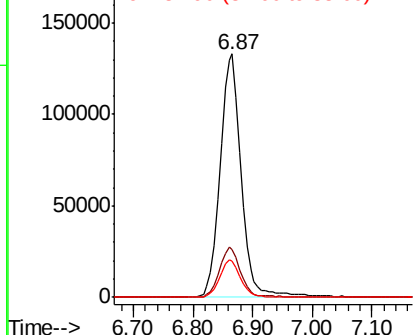
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005087.D
Acq: 06 Oct 2018 00:39

Instrument :
MSVOA_X
ClientSampleId :
PB113539ZHE#02

Tot Ion:114 Resp: 328527
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.8
88 15.1 0.0 27.0

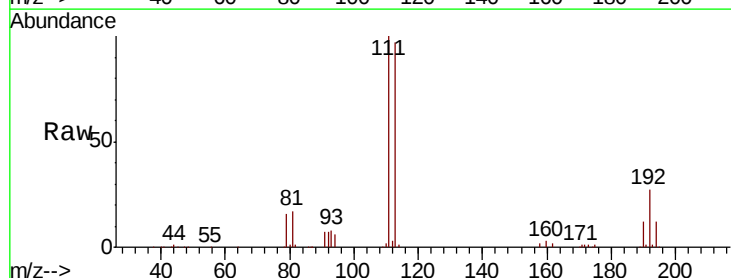


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

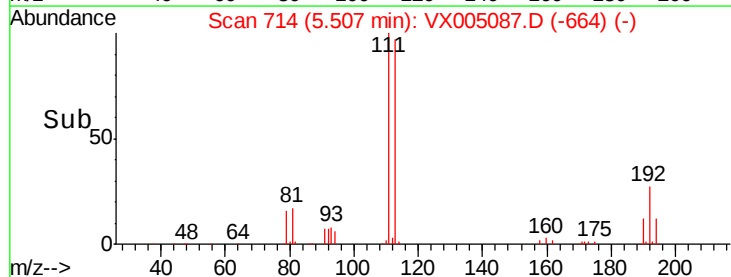
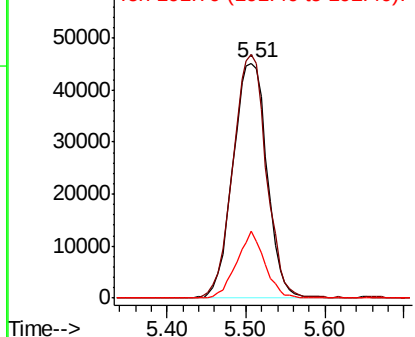


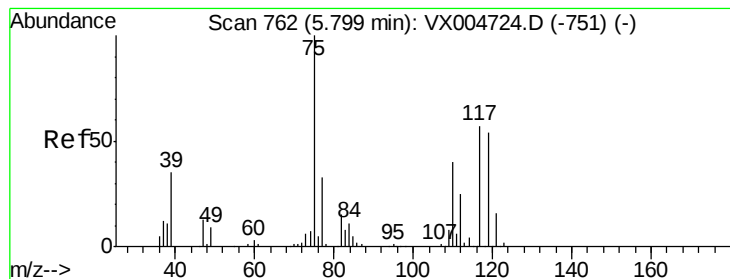
#35
Dibromofluoromethane
Concen: 48.931 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005087.D
Acq: 06 Oct 2018 00:39

Tgt Ion:113 Resp: 136240
Ion Ratio Lower Upper
113 100
111 101.2 77.0 115.4
192 23.4 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: 3.943 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#02

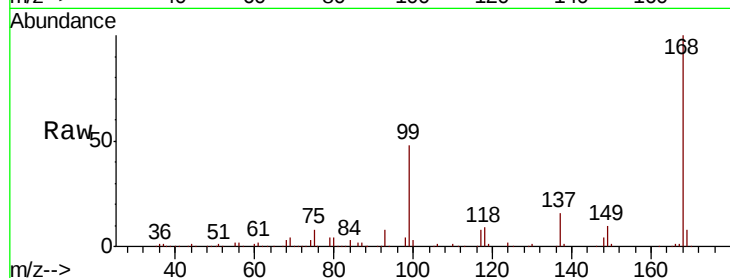
Tot Ion: 75 Resp: 14977

Ion Ratio Lower Upper

75 100

110 8.6 20.0 59.9#

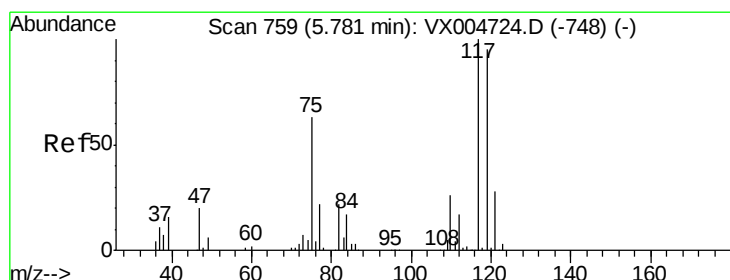
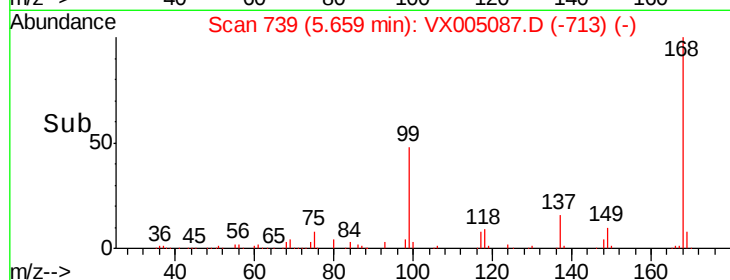
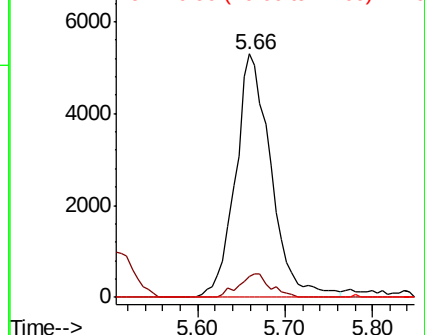
77 0.0 27.1 40.7#



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: 4.658 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

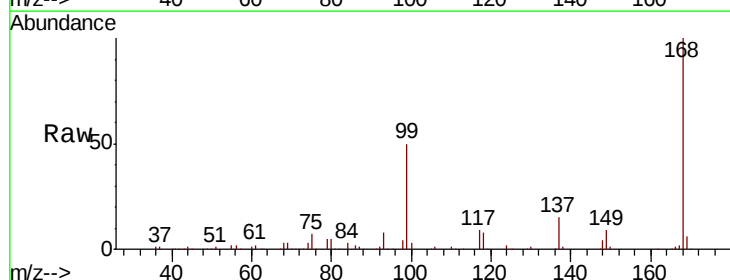
Tgt Ion: 117 Resp: 18599

Ion Ratio Lower Upper

117 100

119 4.5 75.2 112.8#

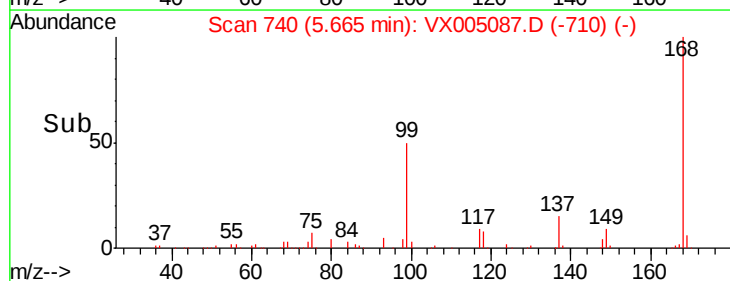
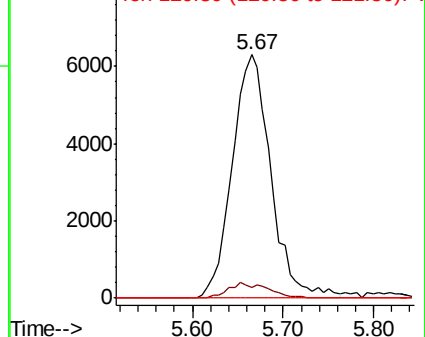
121 0.0 22.5 33.7#

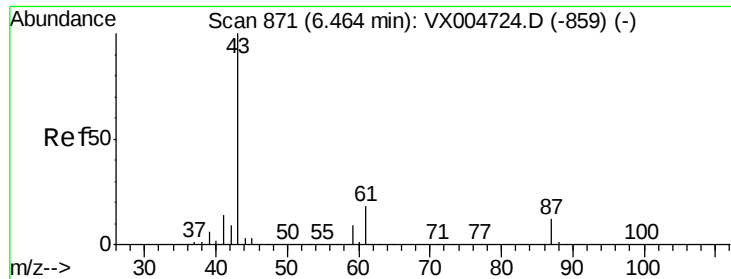


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 29.162 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#02

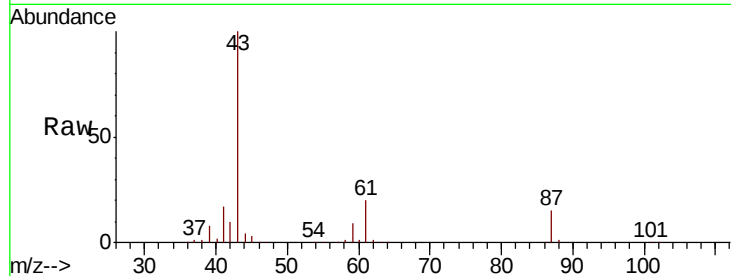
Tot Ion: 43 Resp: 212248

Ion Ratio Lower Upper

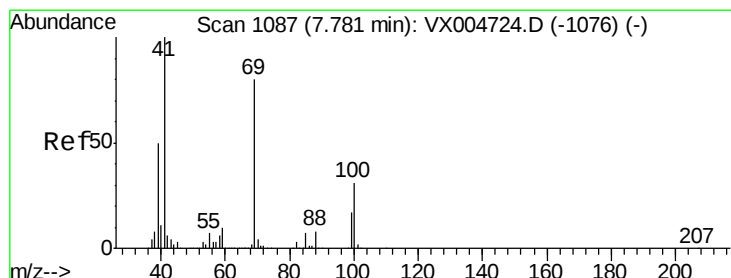
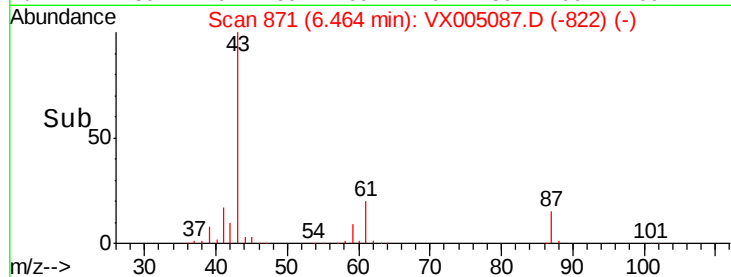
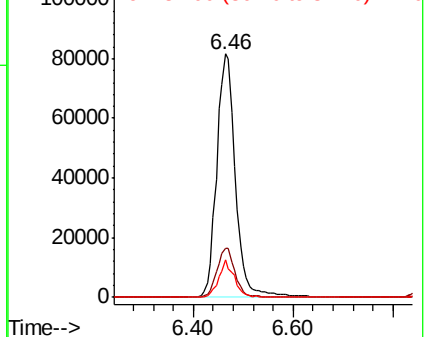
43 100

61 19.6 14.2 21.4

87 12.6 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: 6.114 ug/l

RT: 7.88 min Scan# 1104

Delta R.T. 0.10 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

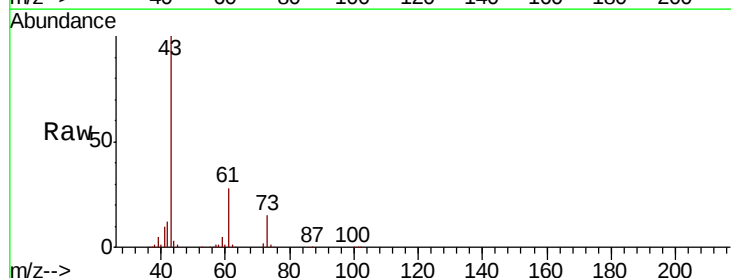
Tgt Ion: 41 Resp: 20196

Ion Ratio Lower Upper

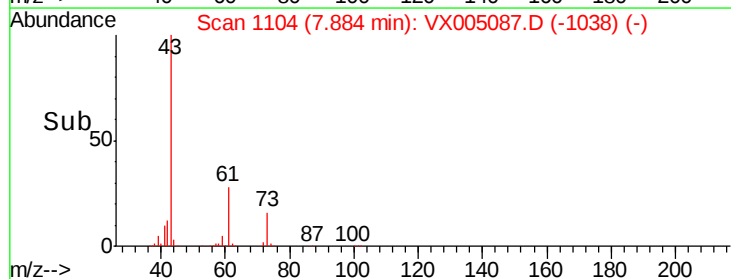
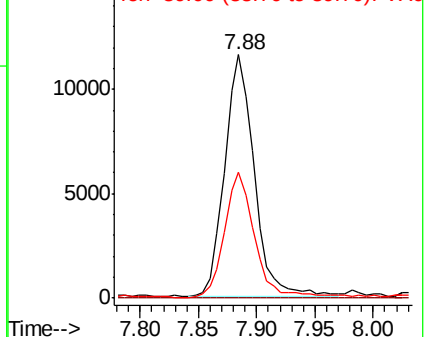
41 100

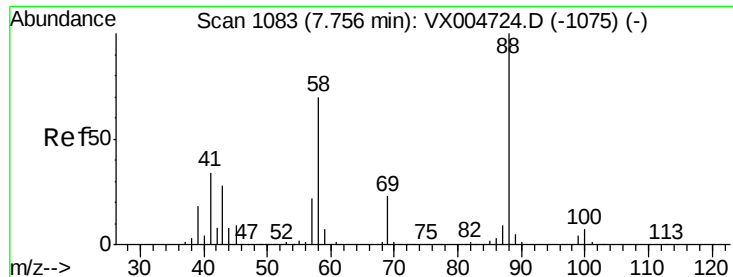
69 0.0 63.8 95.6#

39 53.2 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

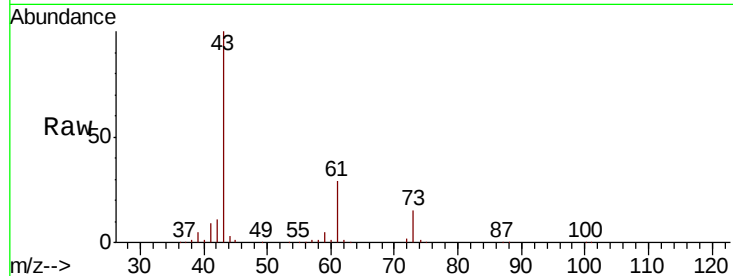




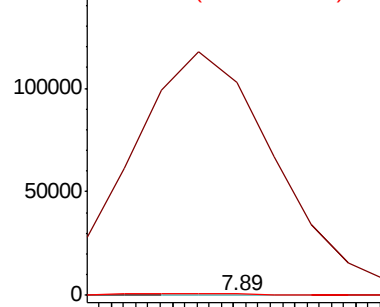
#49
1,4-Dioxane
Concen: 0.232 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. 0.13 min
Lab File: VX005087.D
Acq: 06 Oct 2018 00:39

Instrument :
MSVOA_X
ClientSampleId :
PB113539ZHE#02

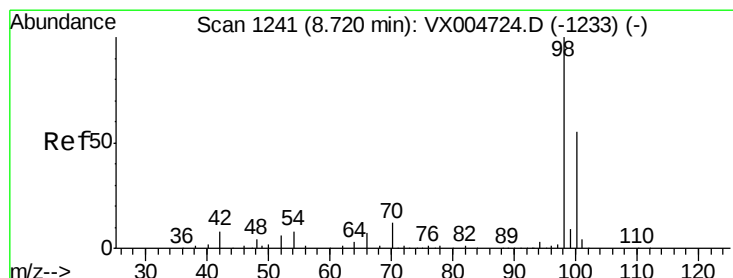
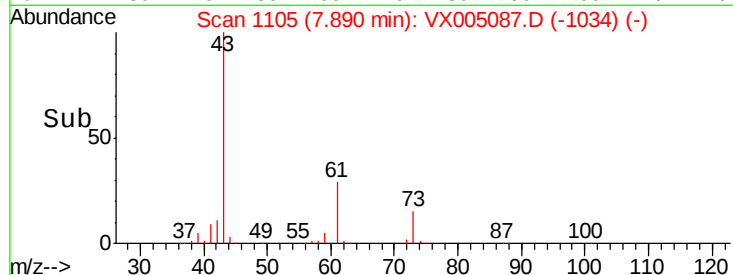
Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 1087210.5 25.1 37.7#
58 8915.8 56.2 84.2#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

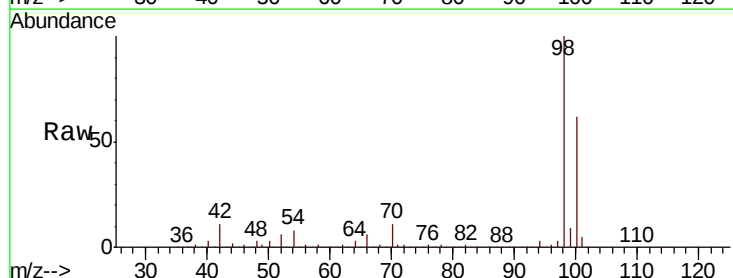


Time-->

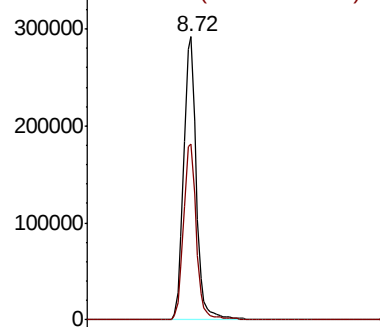


#50
Toluene-d8
Concen: 51.718 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005087.D
Acq: 06 Oct 2018 00:39

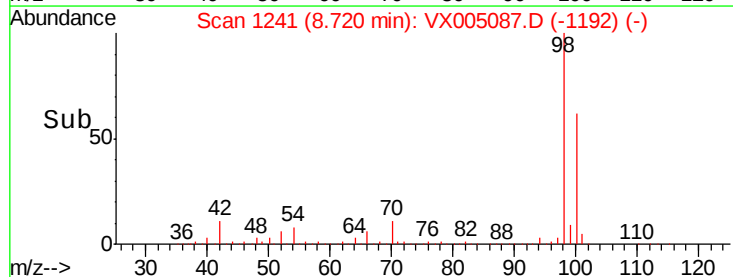
Tgt Ion: 98 Resp: 478719
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9

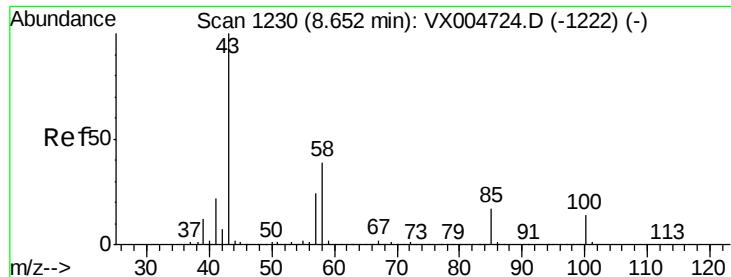


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.624 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

Instrument :

MSVOA_X

ClientSampleId :

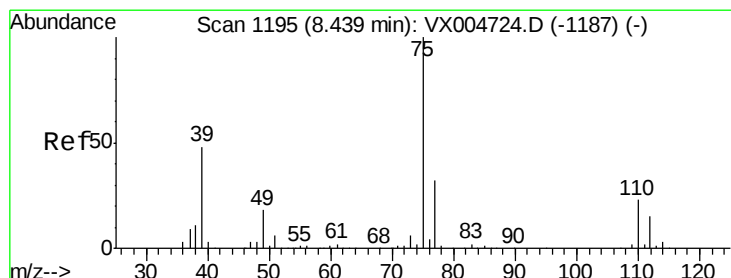
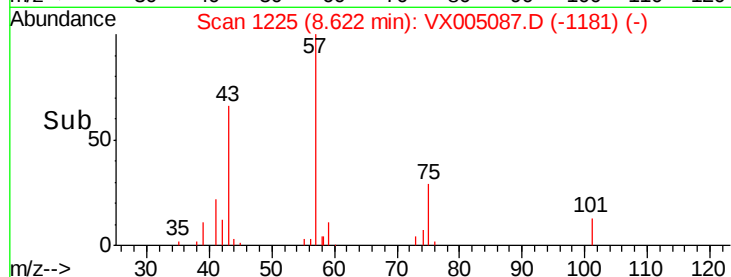
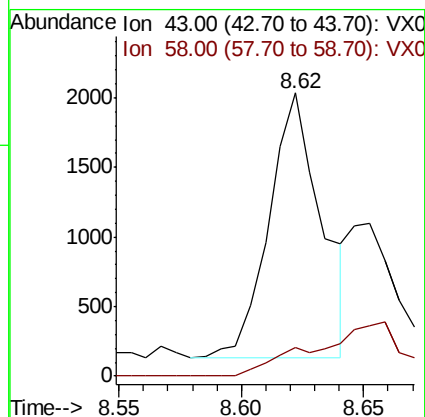
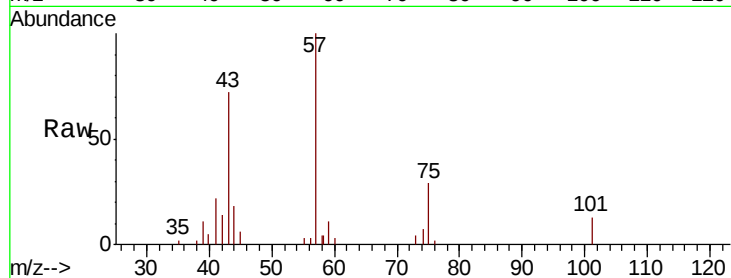
PB113539ZHE#02

Tot Ion: 43 Resp: 2858

Ion Ratio Lower Upper

43 100

58 0.0 30.5 45.7#



#54

cis-1,3-Dichloropropene

Concen: 0.348 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

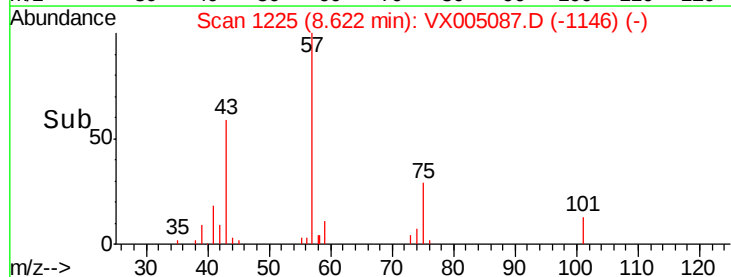
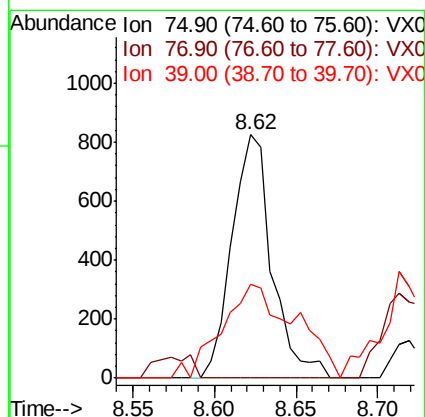
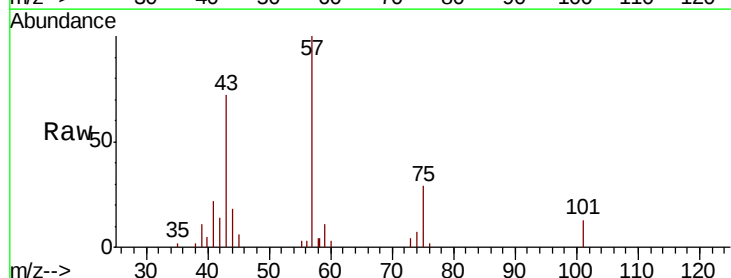
Tgt Ion: 75 Resp: 1415

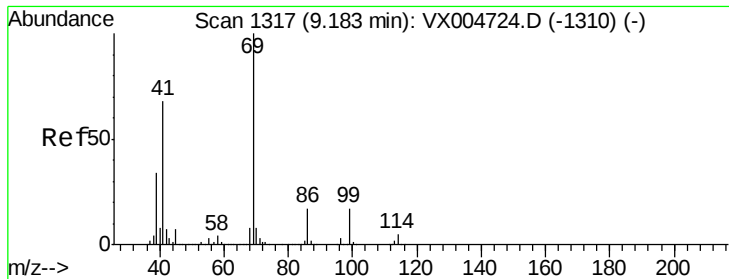
Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

39 38.5 38.3 57.5





#56

Ethyl methacrylate

Concen: 2.885 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.15 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#02

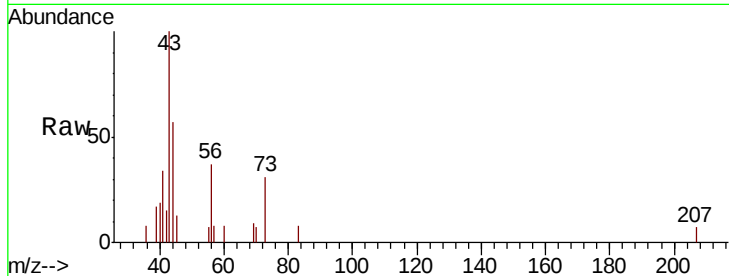
Tot Ion: 69 Resp: 112

Ion Ratio Lower Upper

69 100

41 474.1 56.9 85.3#

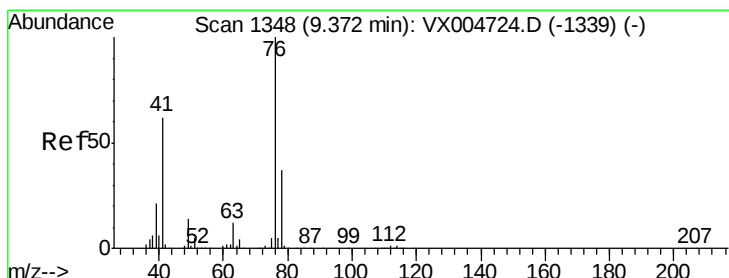
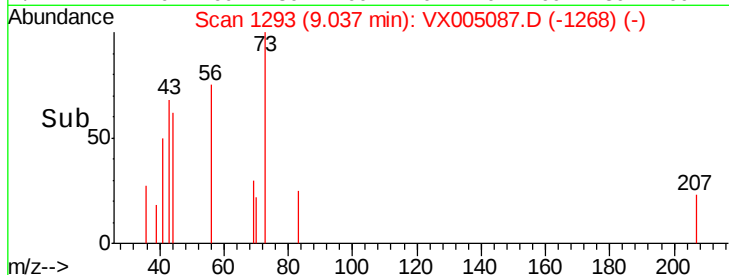
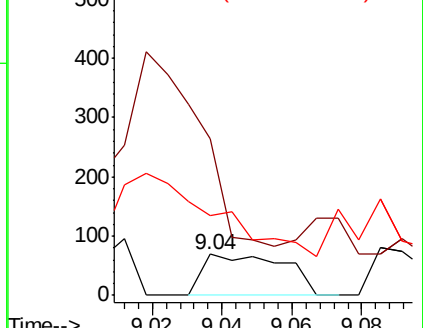
39 476.8 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 0.207 ug/l

RT: 9.55 min Scan# 1377

Delta R.T. 0.18 min

Lab File: VX005087.D

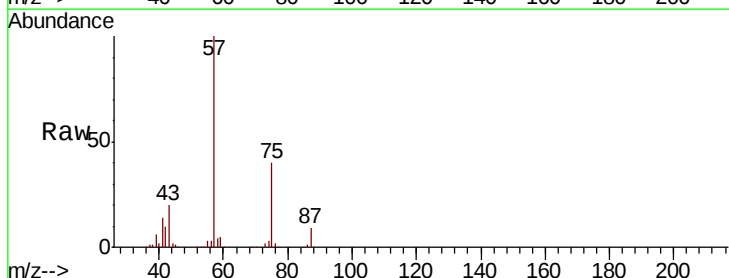
Acq: 06 Oct 2018 00:39

Tgt Ion: 76 Resp: 985

Ion Ratio Lower Upper

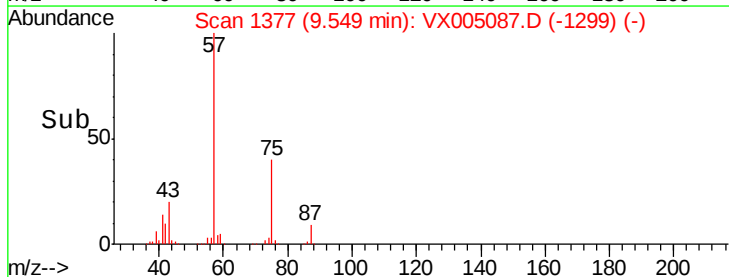
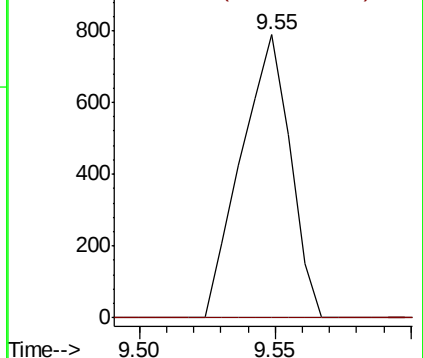
76 100

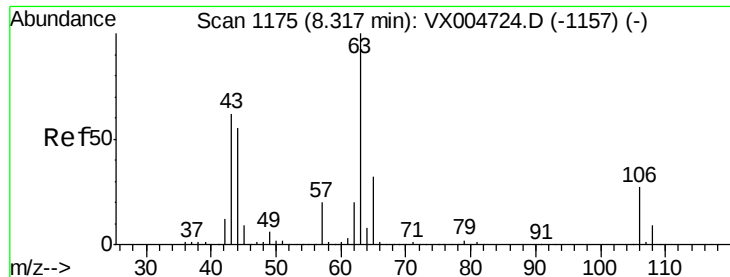
78 0.0 26.6 40.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

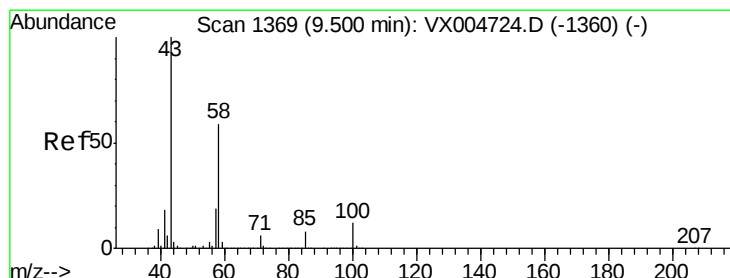
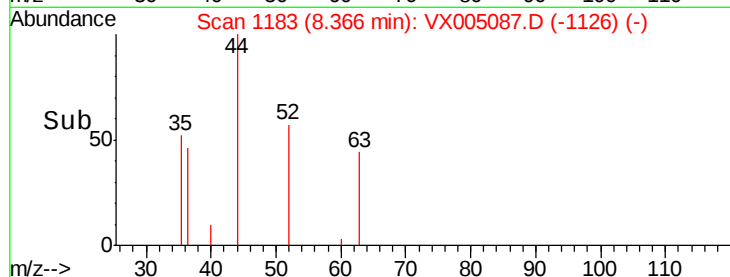
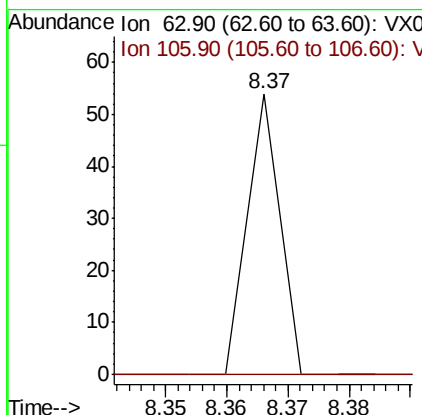
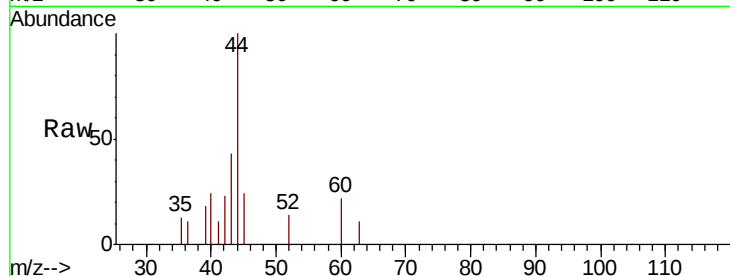




#58
2-Chloroethyl Vinyl ether
Concen: 14.250 ug/l
RT: 8.37 min Scan# 1183
Delta R.T. 0.05 min
Lab File: VX005087.D
Acq: 06 Oct 2018 00:39

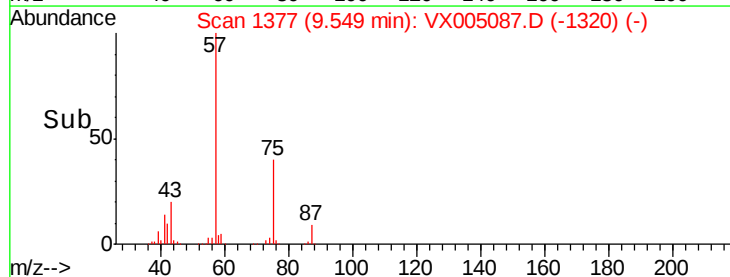
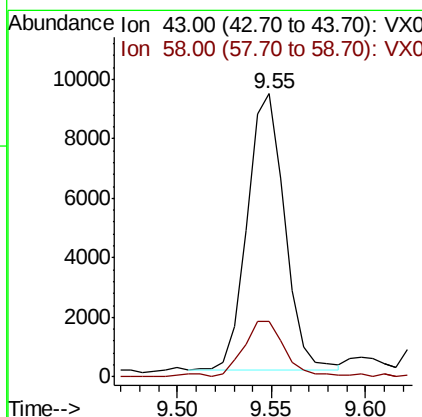
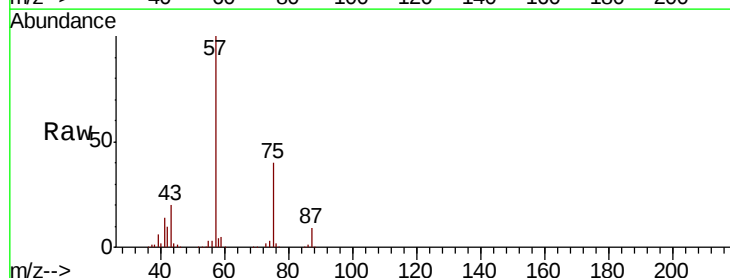
Instrument :
MSVOA_X
ClientSampleId :
PB113539ZHE#02

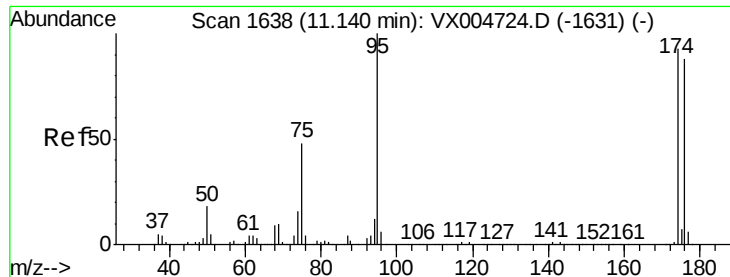
Tot Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.6#



#59
2-Hexanone
Concen: 3.327 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX005087.D
Acq: 06 Oct 2018 00:39

Tgt Ion: 43 Resp: 12705
Ion Ratio Lower Upper
43 100
58 23.3 28.4 85.3#





#62

4-Bromofluorobenzene

Concen: 51.957 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#02

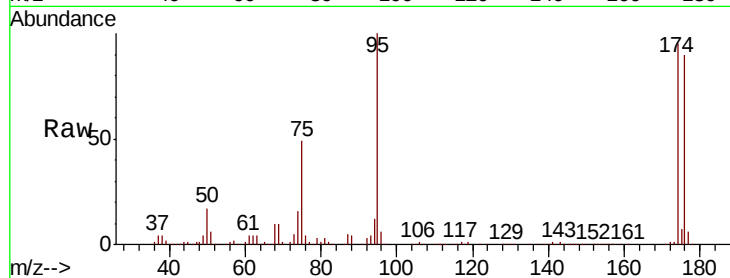
Tot Ion: 95 Resp: 173261

Ion Ratio Lower Upper

95 100

174 93.2 0.0 185.0

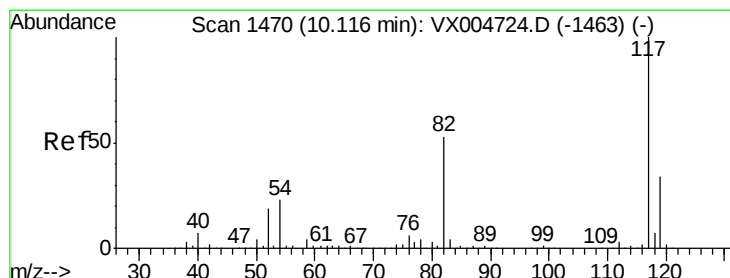
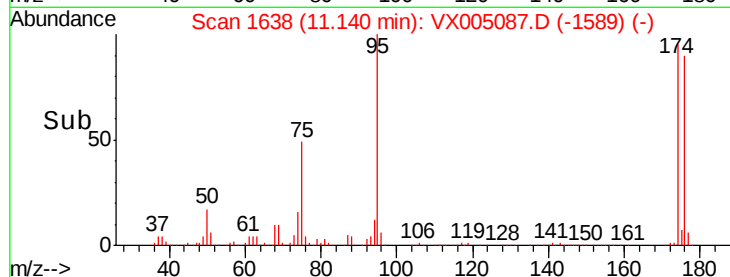
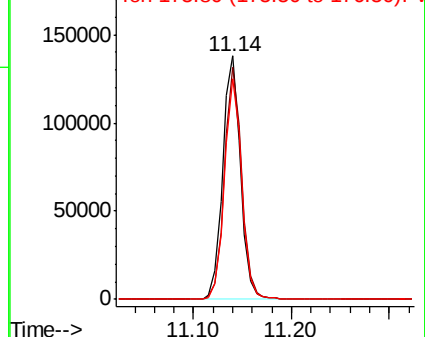
176 88.5 0.0 180.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

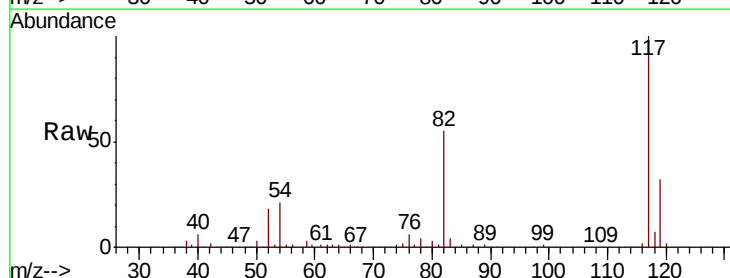
Tgt Ion: 117 Resp: 330307

Ion Ratio Lower Upper

117 100

82 55.0 42.2 63.4

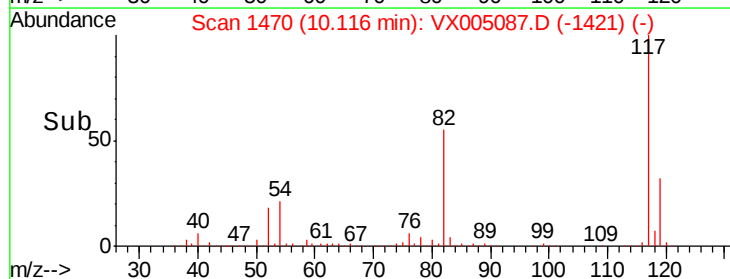
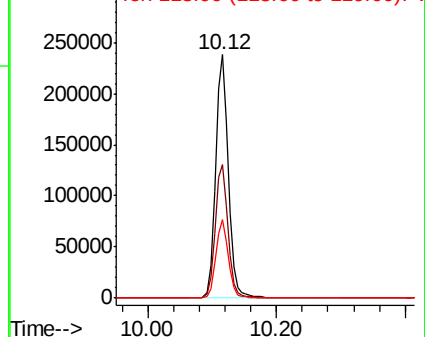
119 32.4 27.4 41.0

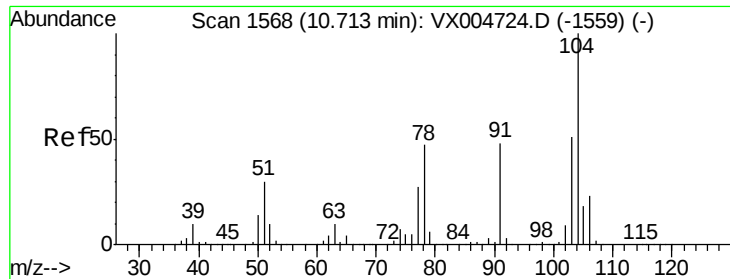


Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

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

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





#70

Stvrene

Concen: 2.164 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#02

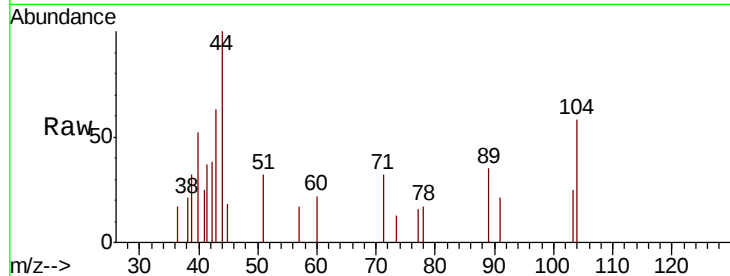
Tot Ion:104 Resp: 226

Ion Ratio Lower Upper

104 100

78 29.6 40.0 60.0#

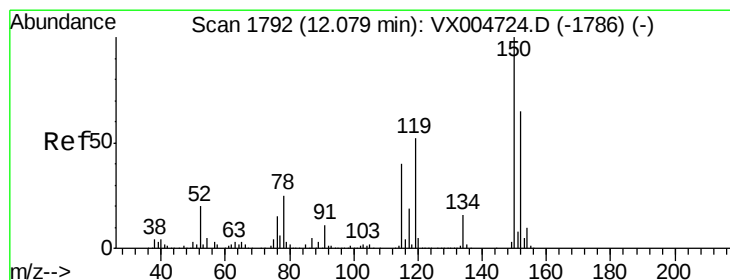
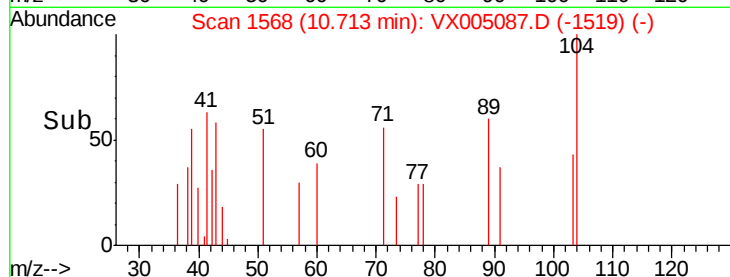
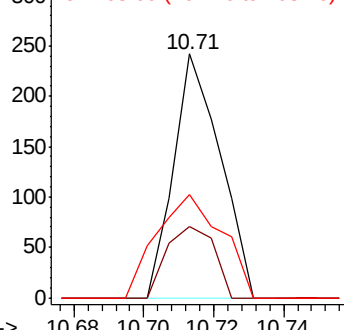
103 58.8 44.3 66.5



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: VX005087.D

Acq: 06 Oct 2018 00:39

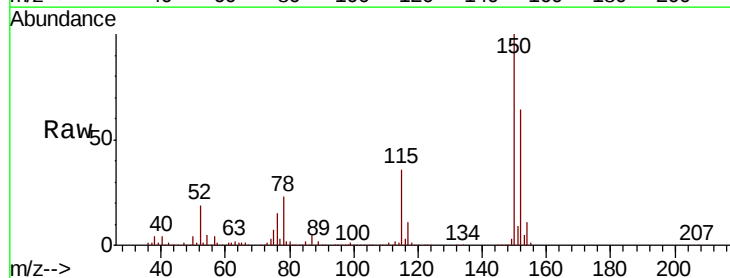
Tgt Ion:152 Resp: 180213

Ion Ratio Lower Upper

152 100

115 56.1 40.2 120.6

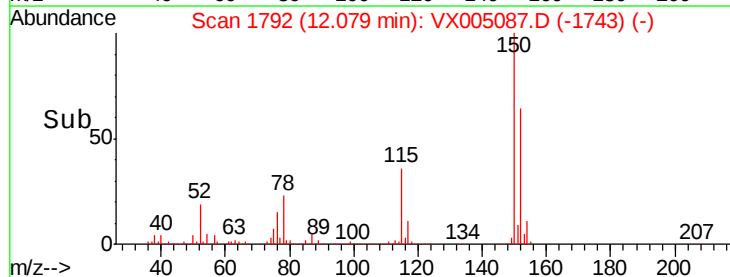
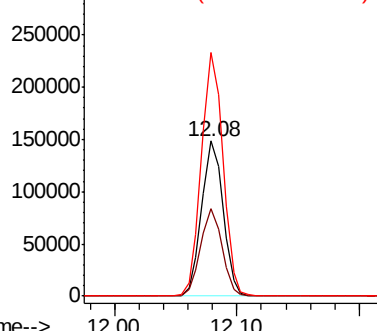
150 157.3 0.0 351.0

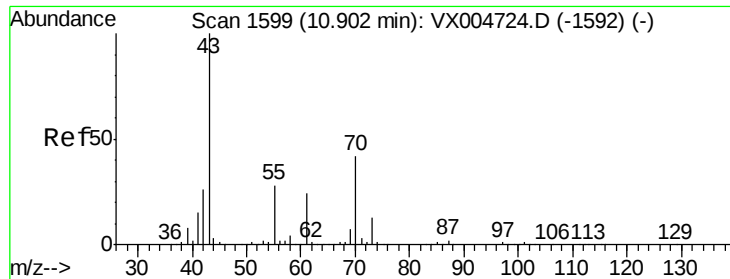


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.760 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#02

Tot Ion: 43 Resp: 77

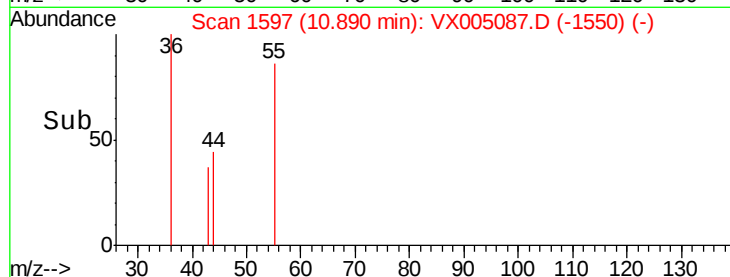
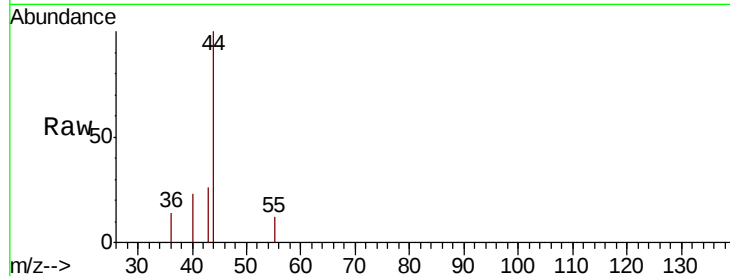
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 48.1 21.6 32.4#

61 0.0 19.1 28.7#

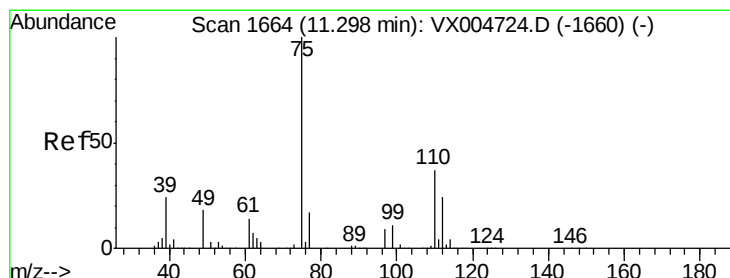
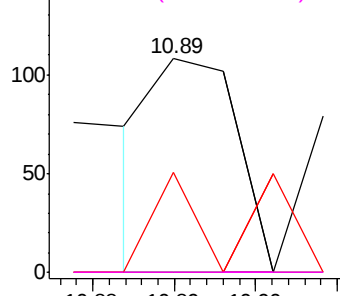


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.263 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005087.D

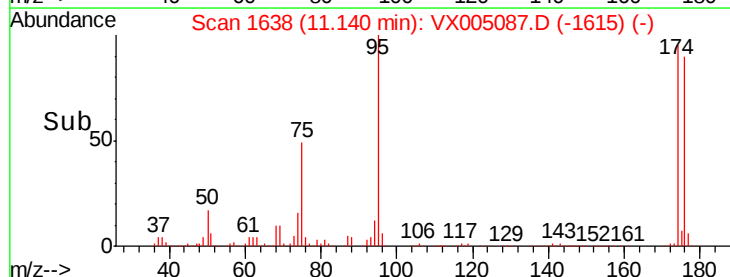
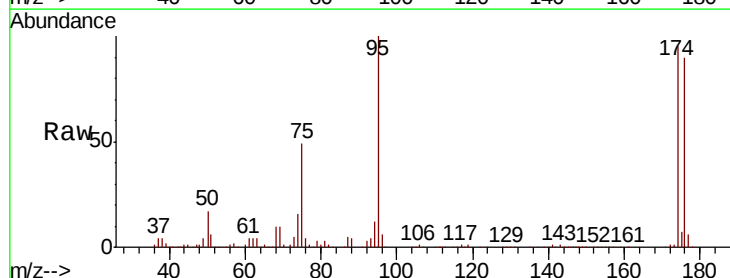
Acq: 06 Oct 2018 00:39

Tgt Ion: 75 Resp: 85888

Ion Ratio Lower Upper

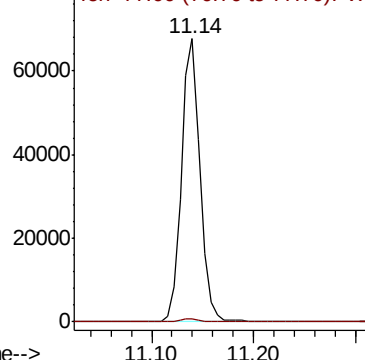
75 100

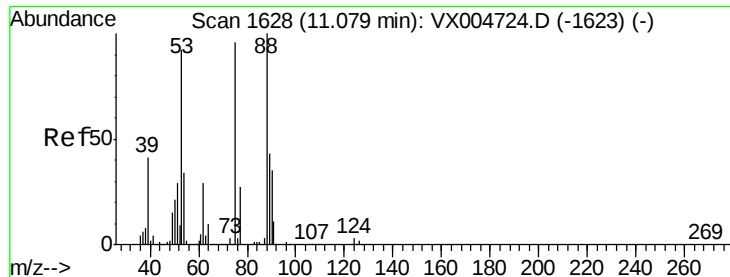
77 1.3 21.4 64.3#



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: 57.676 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

Instrument :

MSVOA_X

ClientSampleId :

PB113539ZHE#02

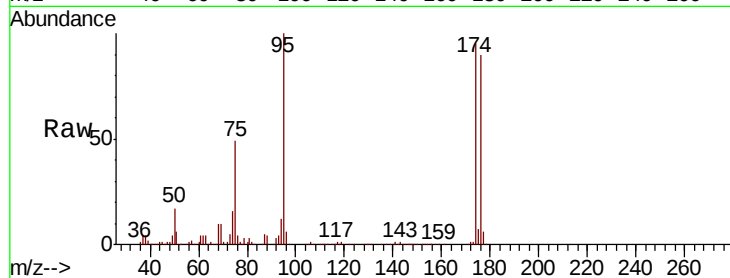
Tot Ion: 75 Resp: 85888

Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.4#

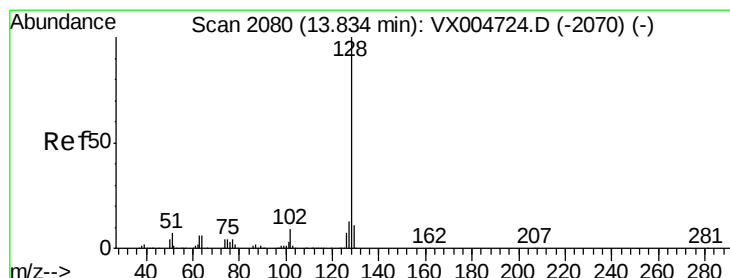
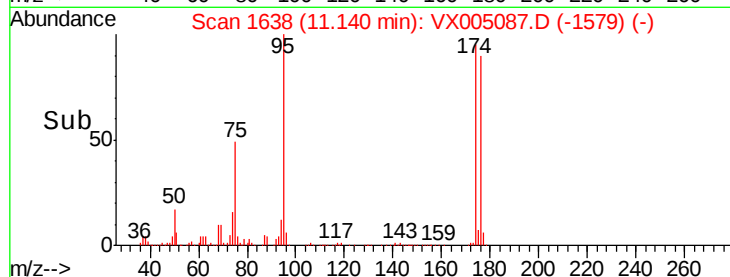
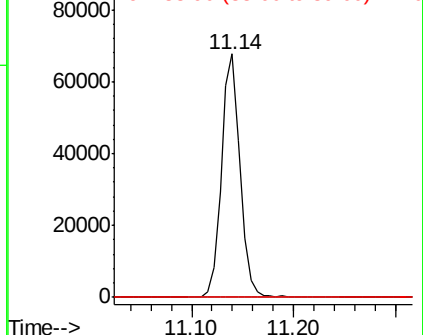
89 0.0 37.1 55.7#



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: 0.755 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005087.D

Acq: 06 Oct 2018 00:39

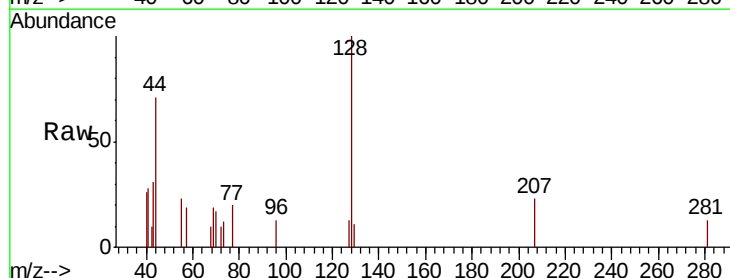
Tgt Ion:128 Resp: 534

Ion Ratio Lower Upper

128 100

127 8.6 10.4 15.6#

129 7.3 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

