

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006194.D
 Acq On : 27 Nov 2018 00:31
 Operator : JC/MD
 Sample : PB115023ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#07

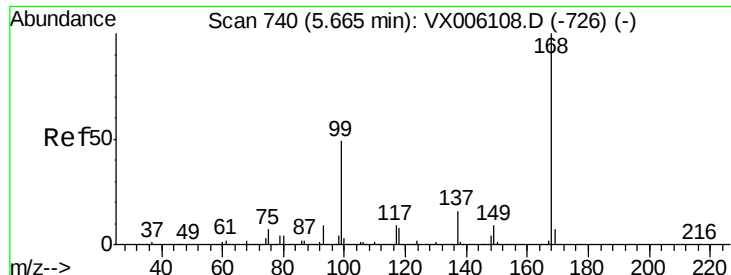
Quant Time: Nov 27 04:05:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	294357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	435100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201009	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	188422	55.24	ug/l	0.00
Spiked Amount						
			Recovery	=	110.48%	
35) Dibromofluoromethane	5.51	113	150050	53.45	ug/l	0.00
Spiked Amount						
			Recovery	=	106.90%	
50) Toluene-d8	8.71	98	574739	53.67	ug/l	0.00
Spiked Amount						
			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	11.14	95	187543	46.68	ug/l	0.00
Spiked Amount						
			Recovery	=	93.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	882	0.319	ug/l	94
5) Bromomethane	1.65	94	825	4.068	ug/l #	62
6) Chloroethane	1.78	64	352	Below Cal	#	59
8) Diethyl Ether	2.19	74	507	0.326	ug/l	81
10) Methyl Iodide	2.52	142	822	0.301	ug/l #	64
11) Tert butyl alcohol	3.10	59	201	0.277	ug/l #	71
13) Acrolein	2.28	56	539	1.241	ug/l #	13
16) Acetone	2.45	43	12927	8.541	ug/l	100
17) Carbon Disulfide	2.57	76	2114	0.368	ug/l #	79
18) Methyl Acetate	2.78	43	1740	0.448	ug/l #	73
20) Methylene Chloride	2.85	84	12234	5.027	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	605	0.272	ug/l #	21
25) 2-Butanone	4.71	43	2640	0.940	ug/l	94
29) Tetrahydrofuran	5.16	42	1305	0.745	ug/l #	53
36) 1,1-Dichloropropene	5.66	75	21000	5.278	ug/l #	51
38) Carbon Tetrachloride	5.66	117	27478	7.348	ug/l #	16
43) Isopropyl Acetate	6.46	43	18697	2.529	ug/l	99
48) Methyl methacrylate	7.69	41	9768	2.605	ug/l #	16
49) 1,4-Dioxane	7.76	88	52	0.585	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	88896	16.774	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	38495	8.492	ug/l #	67
56) Ethyl methacrylate	9.18	69	164	2.897	ug/l #	23
57) 1,3-Dichloropropane	9.54	76	10407	2.011	ug/l #	47
58) 2-Chloroethyl Vinyl ether	8.32	63	477	6.892	ug/l #	56
59) 2-Hexanone	9.54	43	153695	36.542	ug/l #	53
74) N-amyl acetate	10.69	43	12643	4.142	ug/l #	58
76) 1,2,3-Trichloropropane	11.14	75	93688	22.639	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	7008	0.683	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	93688	76.570	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.65	180	1104	0.244	ug/l	87
94) Hexachlorobutadiene	13.78	225	476	0.216	ug/l	86

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

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MSVOA_X

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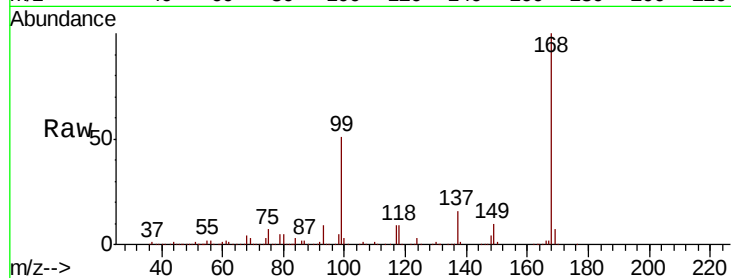
PB115023ZHE#07

Tot Ion:168 Resp: 294357

Ion Ratio Lower Upper

168 100

99 50.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

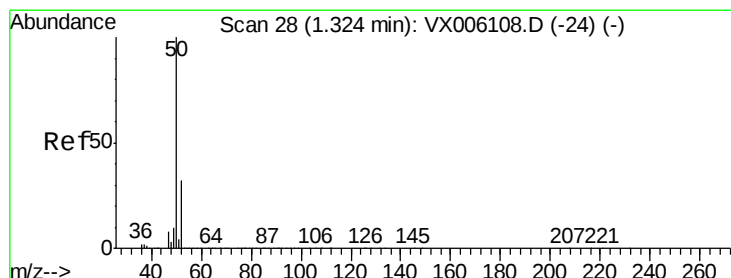
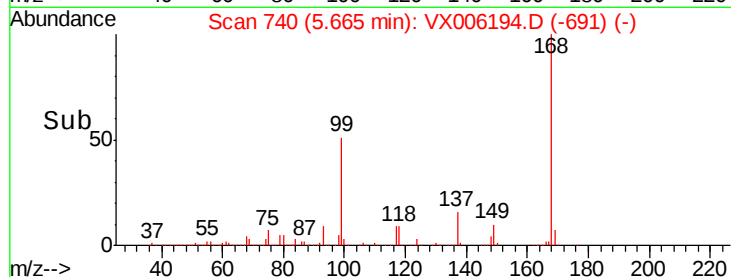
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.319 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006194.D

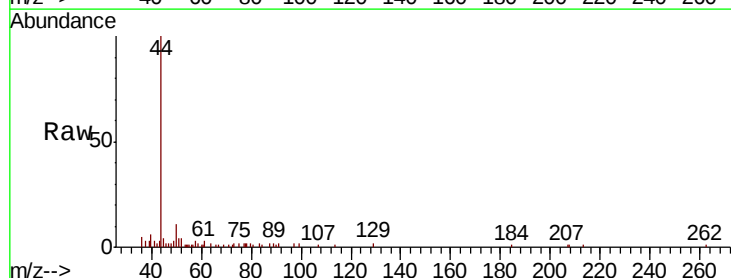
Acq: 27 Nov 2018 00:31

Tgt Ion: 50 Resp: 882

Ion Ratio Lower Upper

50 100

52 35.3 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

600

500

400

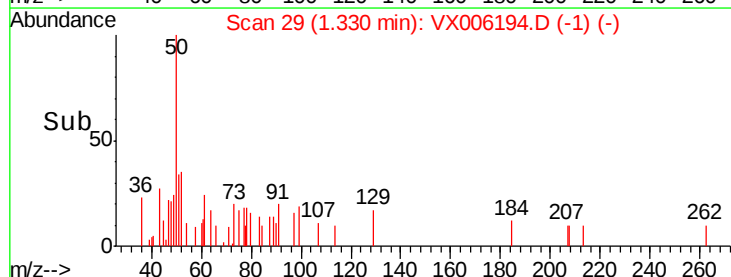
300

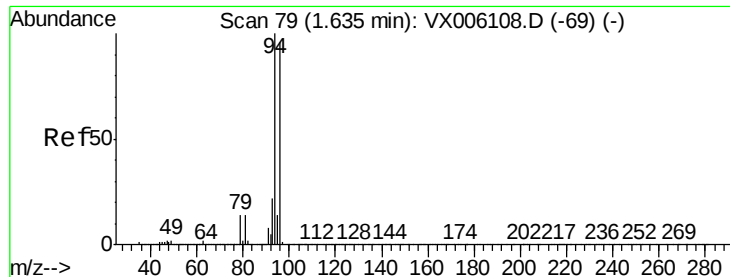
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 4.068 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

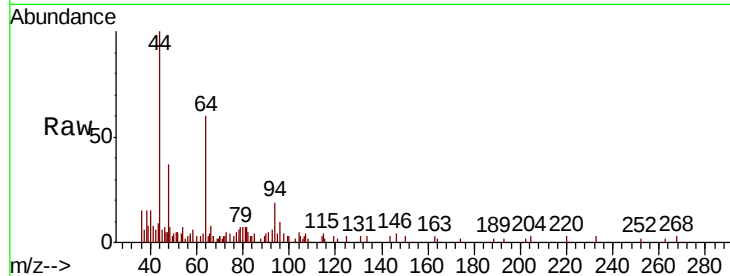
PB115023ZHE#07

Tot Ion: 94 Resp: 825

Ion Ratio Lower Upper

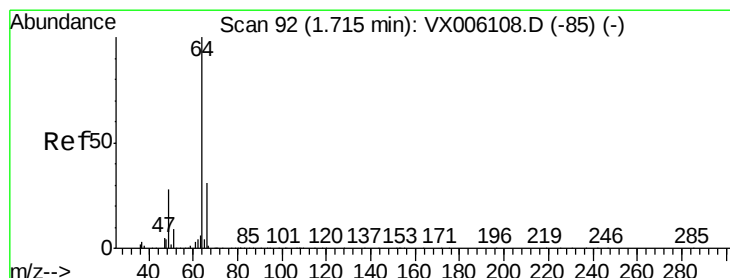
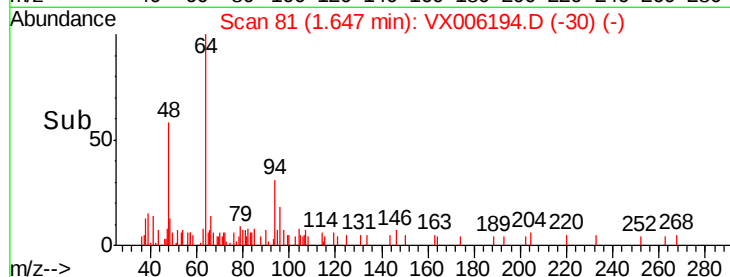
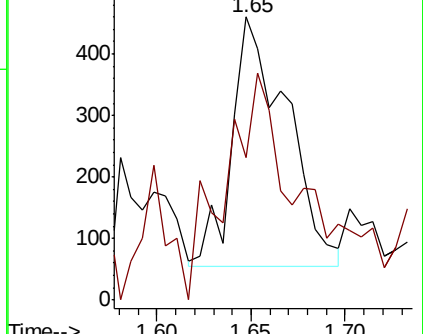
94 100

96 58.4 76.7 115.1#



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: 1.78 min Scan# 102

Delta R.T. 0.06 min

Lab File: VX006194.D

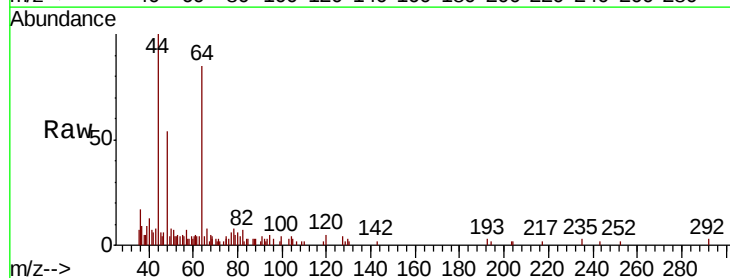
Acq: 27 Nov 2018 00:31

Tgt Ion: 64 Resp: 352

Ion Ratio Lower Upper

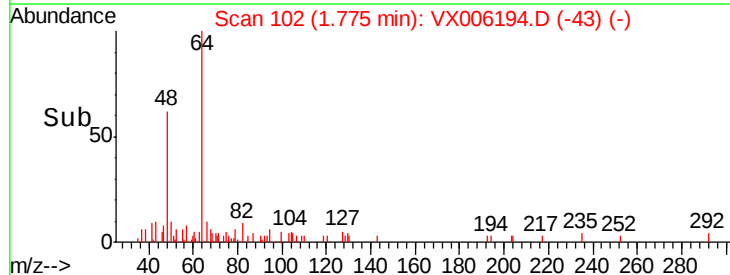
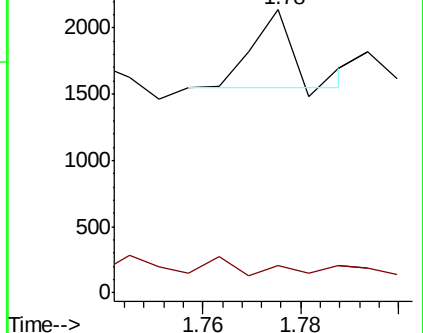
64 100

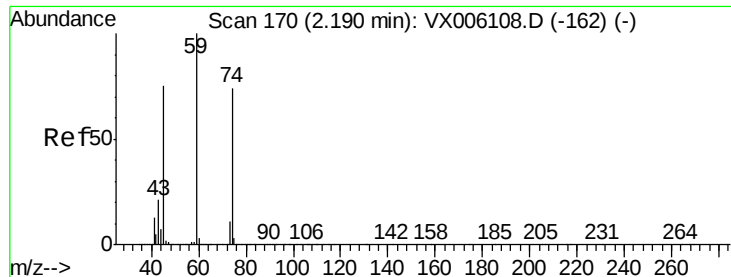
66 9.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.326 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

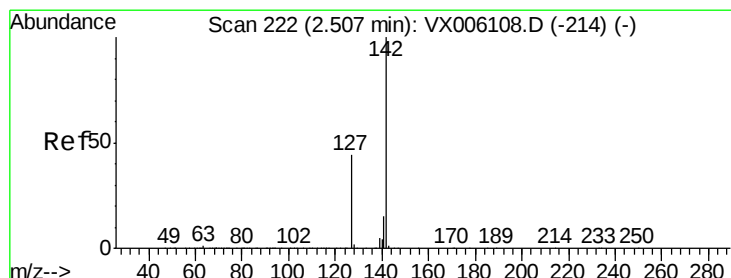
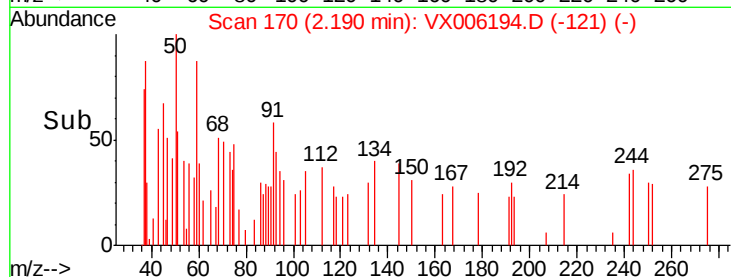
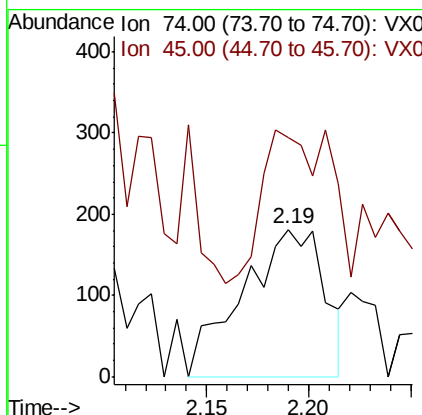
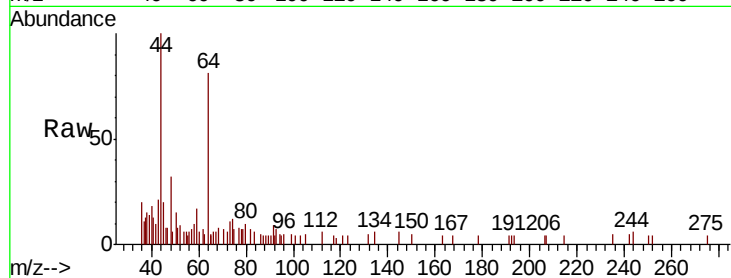
PB115023ZHE#07

Tot Ion: 74 Resp: 507

Ion Ratio Lower Upper

74 100

45 85.2 52.2 156.6



#10

Methyl Iodide

Concen: 0.301 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

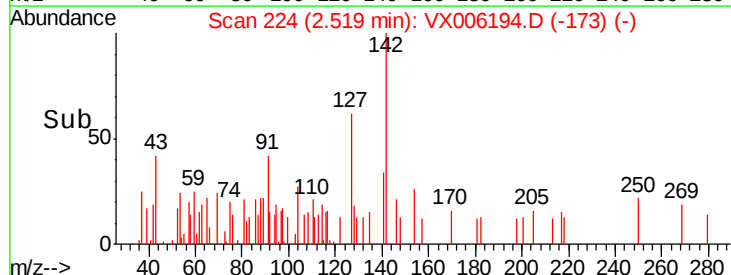
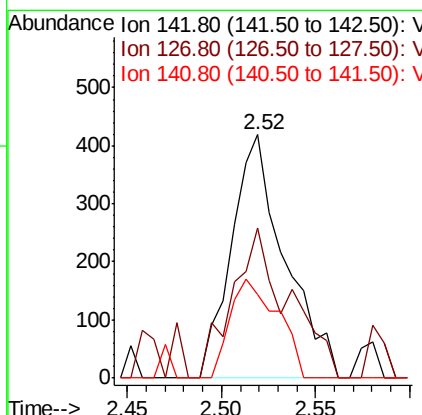
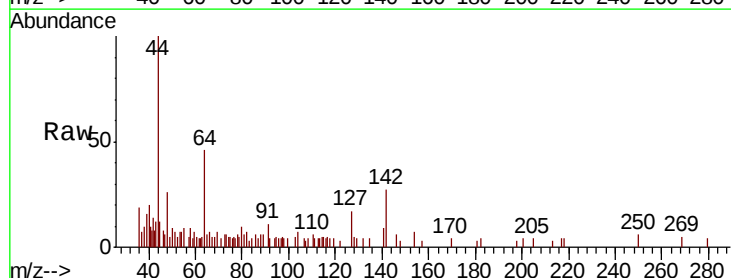
Tgt Ion: 142 Resp: 822

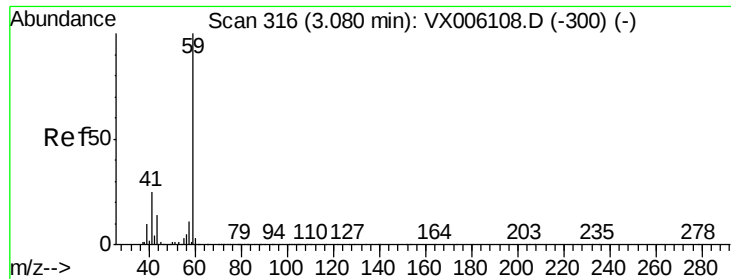
Ion Ratio Lower Upper

142 100

127 65.1 36.0 54.0#

141 36.3 11.7 17.5#



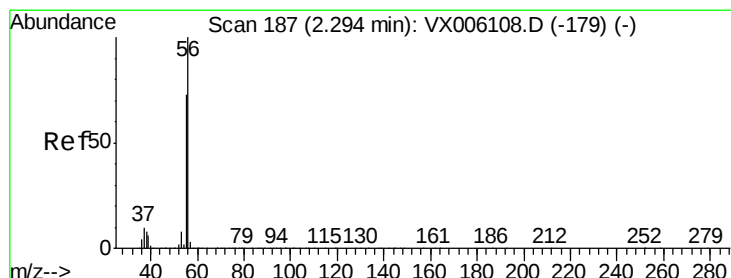
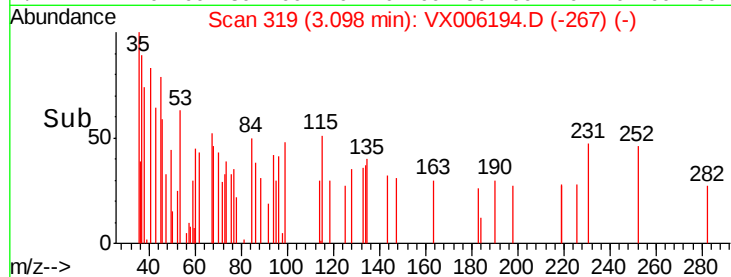
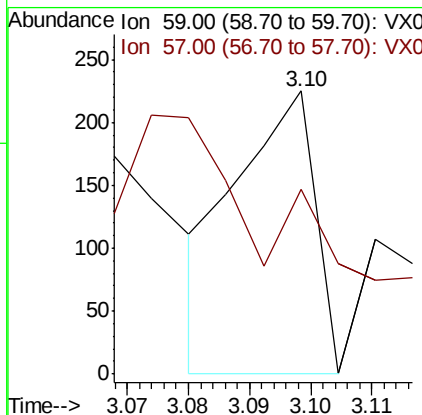
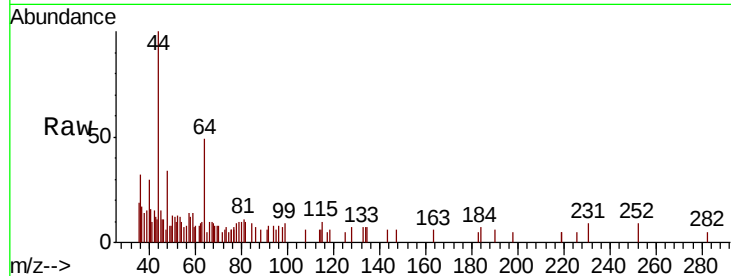


#11

Tert butyl alcohol
 Concen: 0.277 ug/l
 RT: 3.10 min Scan# 319
 Delta R.T. 0.02 min
 Lab File: VX006194.D
 Acq: 27 Nov 2018 00:31

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#07

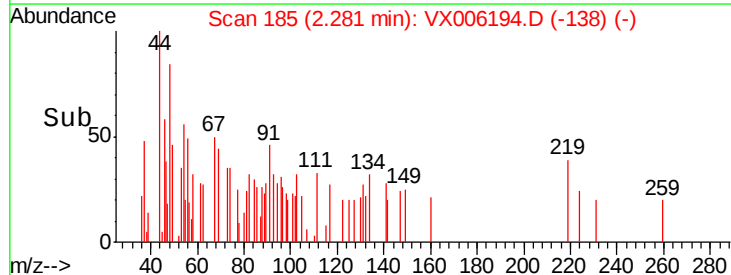
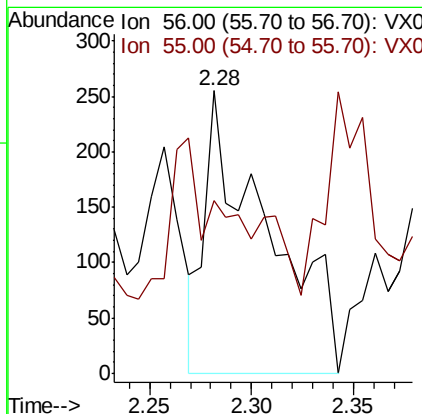
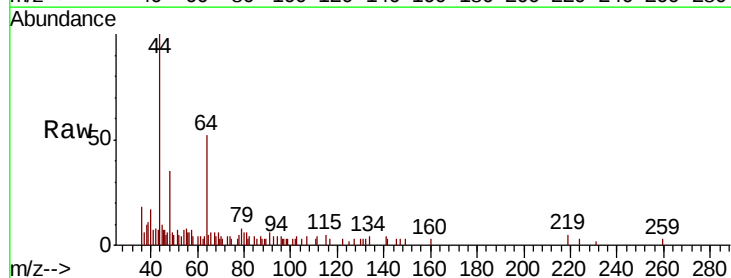
Tot Ion: 59 Resp: 201
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

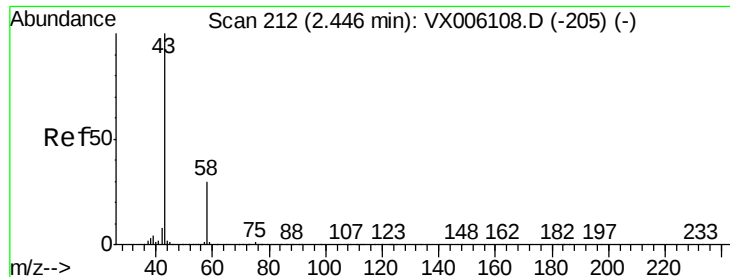


#13

Acrolein
 Concen: 1.241 ug/l
 RT: 2.28 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VX006194.D
 Acq: 27 Nov 2018 00:31

Tgt Ion: 56 Resp: 539
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.8 86.6#





#16

Acetone

Concen: 8.541 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

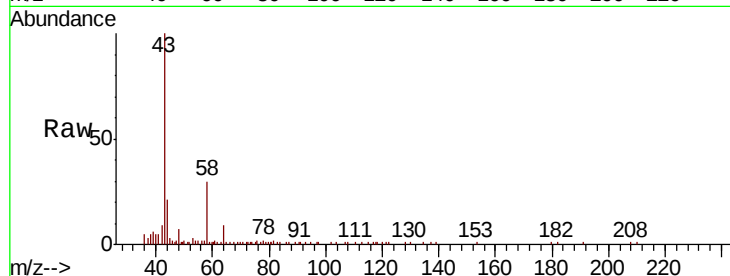
PB115023ZHE#07

Tot Ion: 43 Resp: 12927

Ion Ratio Lower Upper

43 100

58 29.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

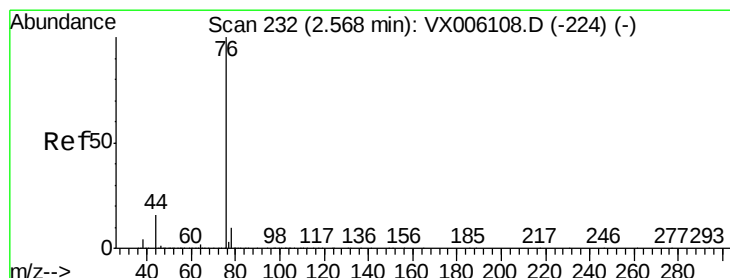
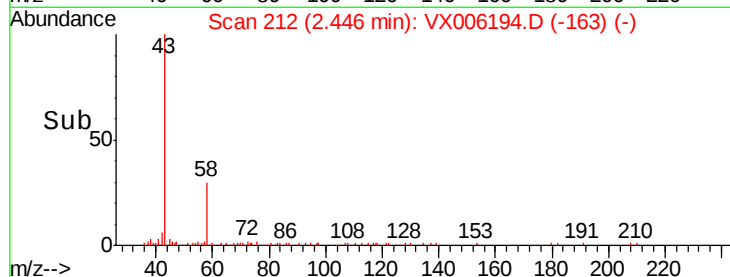
4000

2000

0

2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.368 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006194.D

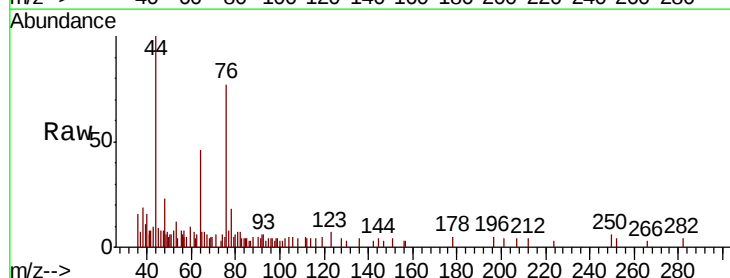
Acq: 27 Nov 2018 00:31

Tgt Ion: 76 Resp: 2114

Ion Ratio Lower Upper

76 100

78 17.3 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

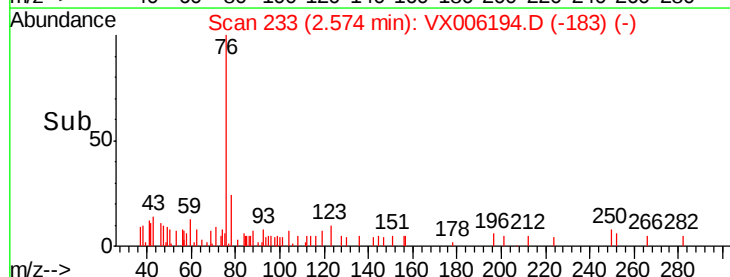
1000

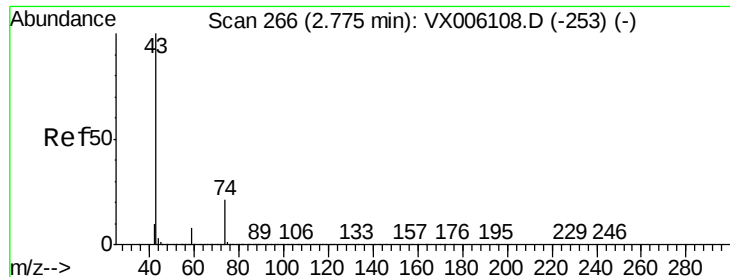
500

0

2.50 2.55 2.60 2.65

Time-->

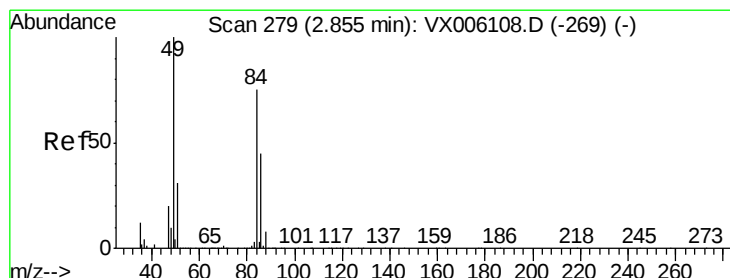
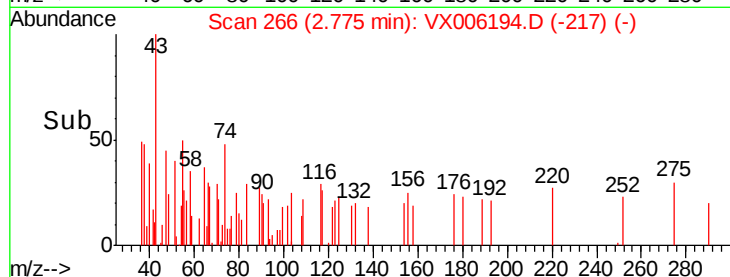
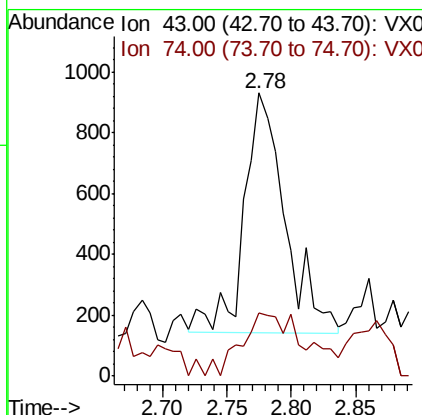
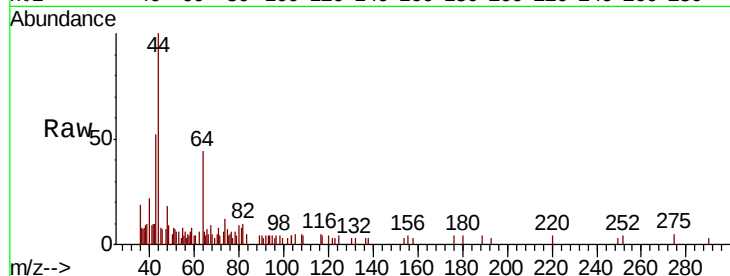




#18
Methvl Acetate
Concen: 0.448 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006194.D
Acq: 27 Nov 2018 00:31

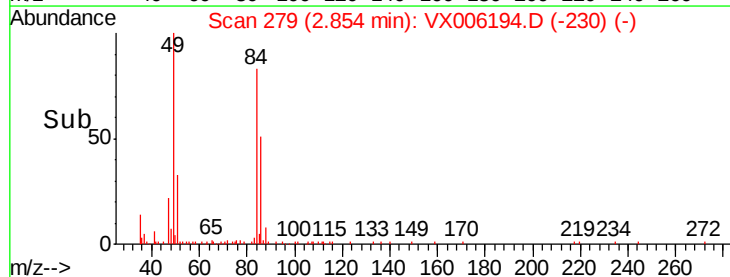
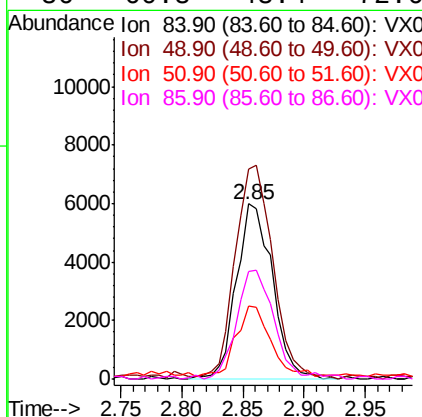
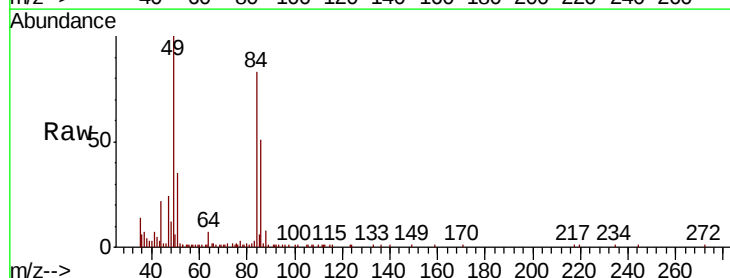
Instrument :
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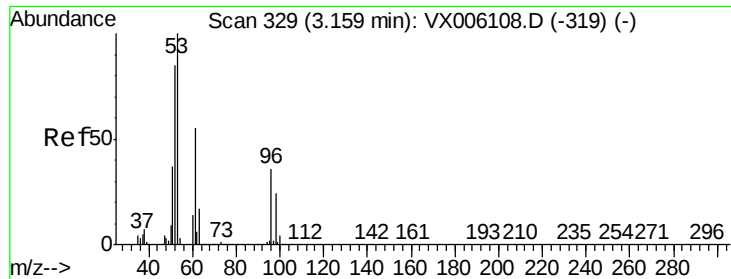
Tot Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
74 34.3 17.3 25.9#



#20
Methylene Chloride
Concen: 5.027 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006194.D
Acq: 27 Nov 2018 00:31

Tgt Ion: 84 Resp: 12234
Ion Ratio Lower Upper
84 100
49 120.2 106.6 159.8
51 39.5 32.6 49.0
86 60.8 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 0.272 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#07

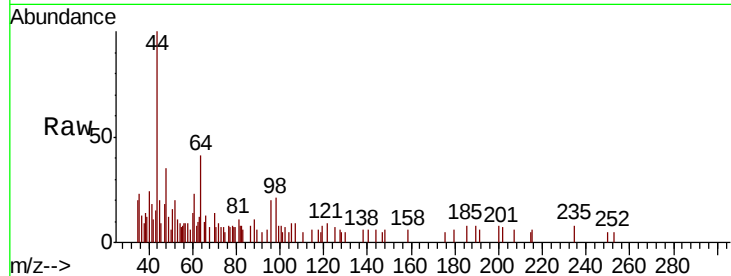
Tot Ion: 96 Resp: 605

Ion Ratio Lower Upper

96 100

61 35.8 122.0 183.0#

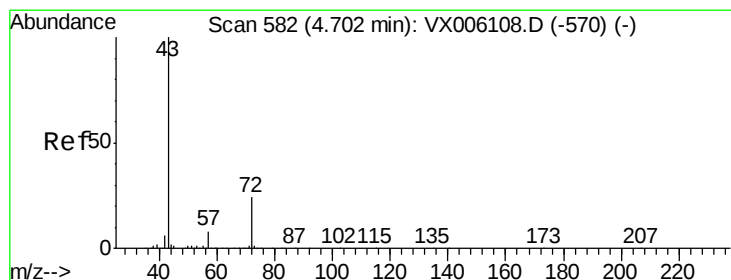
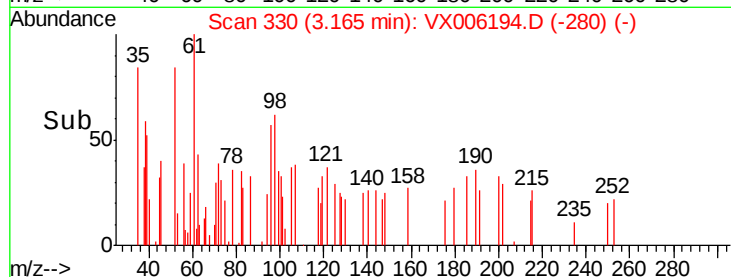
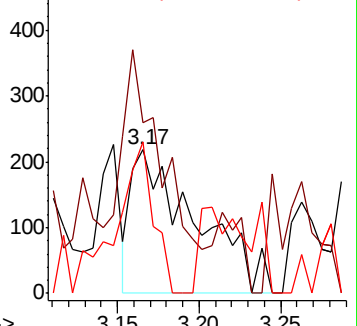
98 106.0 52.7 79.1#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 0.940 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006194.D

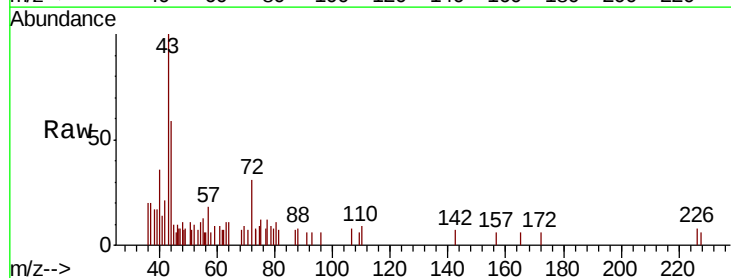
Acq: 27 Nov 2018 00:31

Tgt Ion: 43 Resp: 2640

Ion Ratio Lower Upper

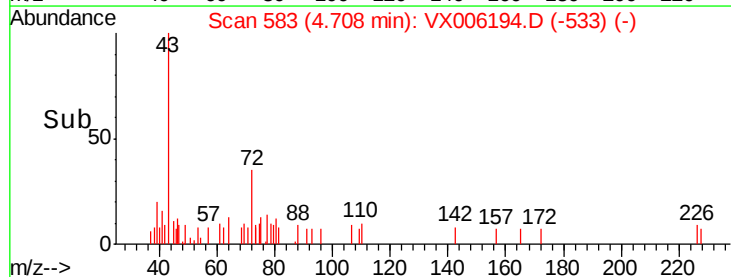
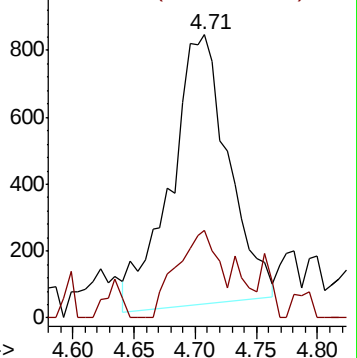
43 100

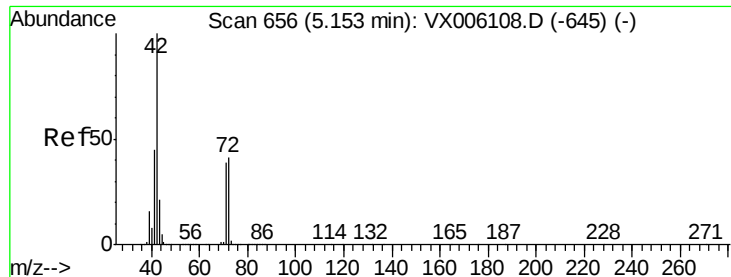
72 26.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.745 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#07

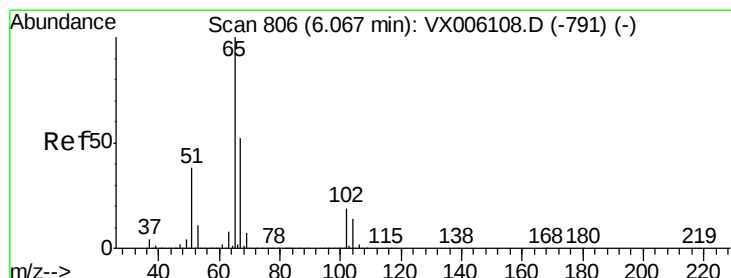
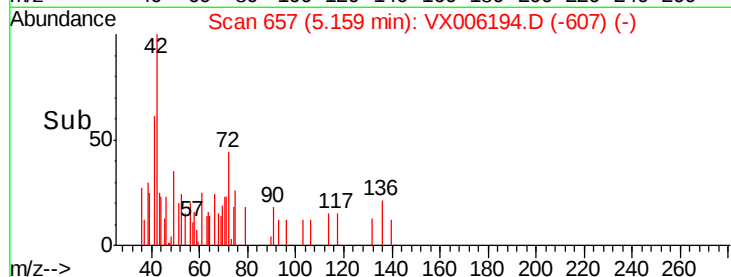
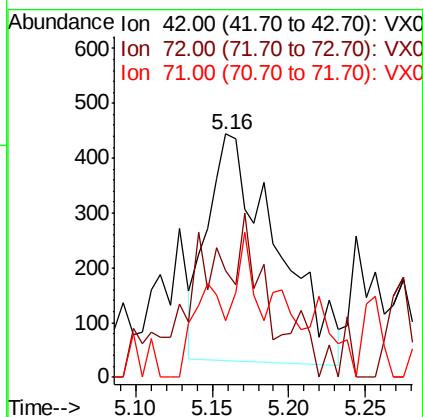
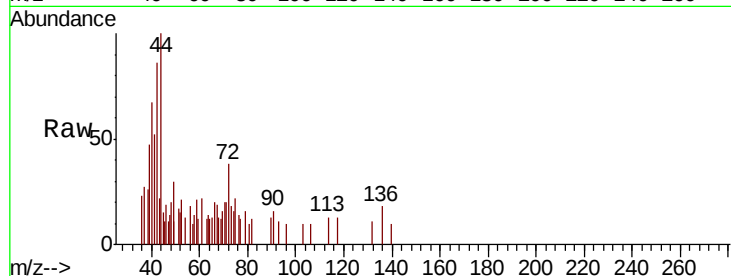
Tot Ion: 42 Resp: 1305

Ion Ratio Lower Upper

42 100

72 68.9 33.0 49.6#

71 7.7 31.0 46.4#



#33

1,2-Dichloroethane-d4

Concen: 55.242 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006194.D

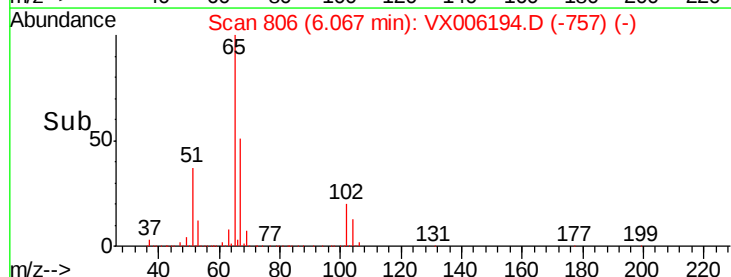
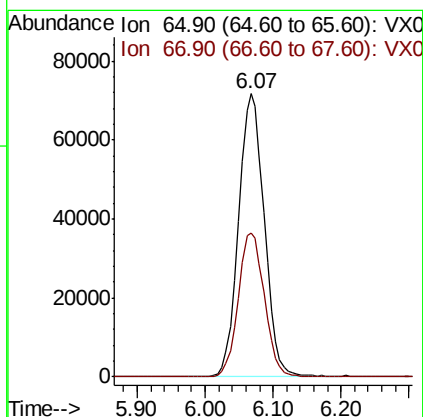
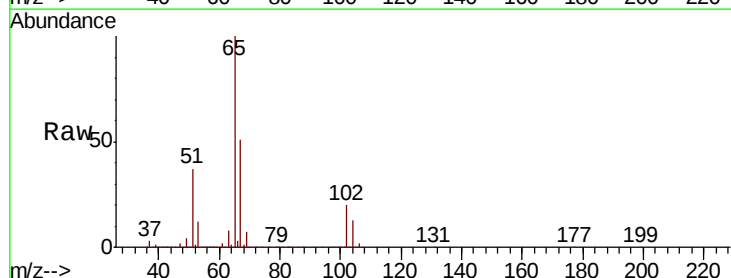
Acq: 27 Nov 2018 00:31

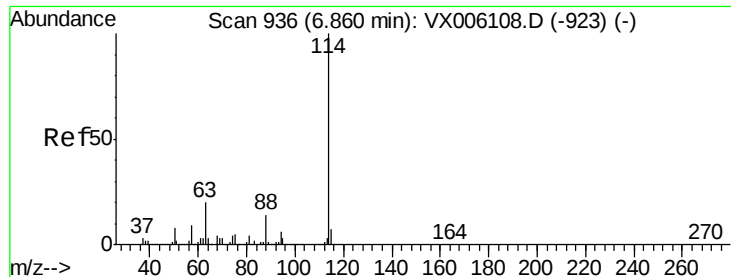
Tgt Ion: 65 Resp: 188422

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.8

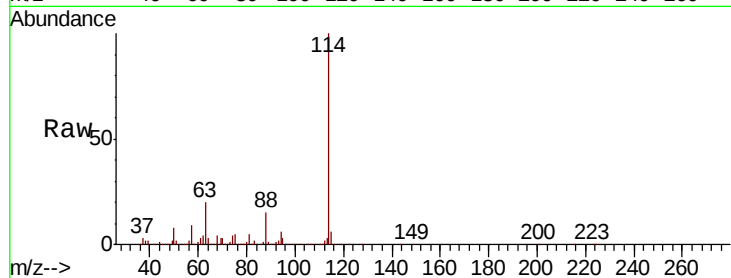




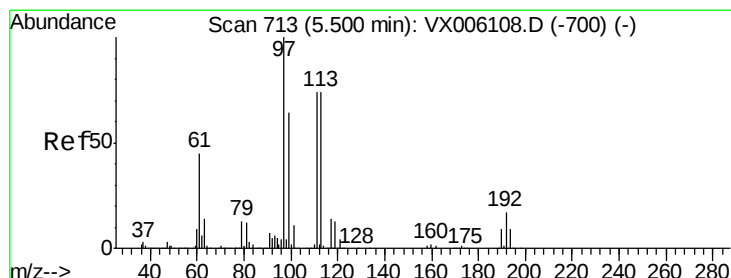
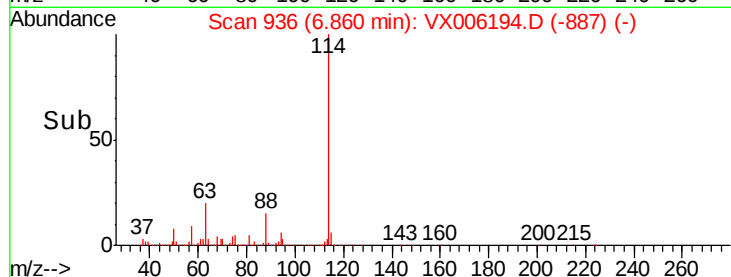
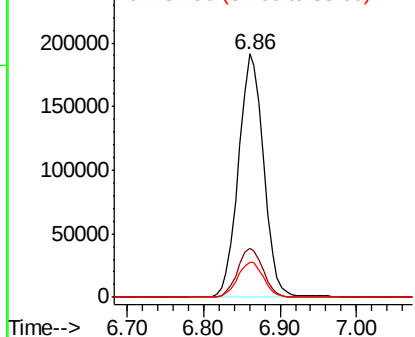
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006194.D
Acq: 27 Nov 2018 00:31

Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#07

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.2
88	14.6	0.0	28.6

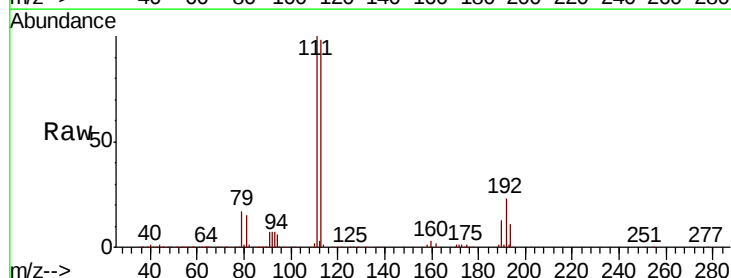


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

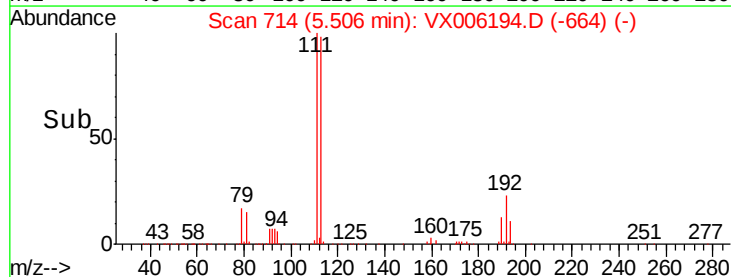
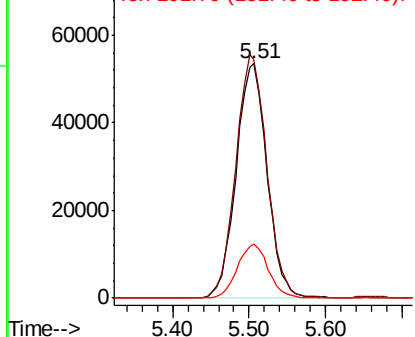


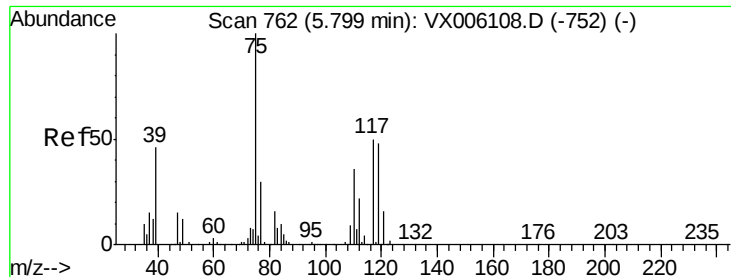
#35
Dibromofluoromethane
Concen: 53.448 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006194.D
Acq: 27 Nov 2018 00:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.5	122.3
192	23.1	18.6	28.0



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: 5.278 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#07

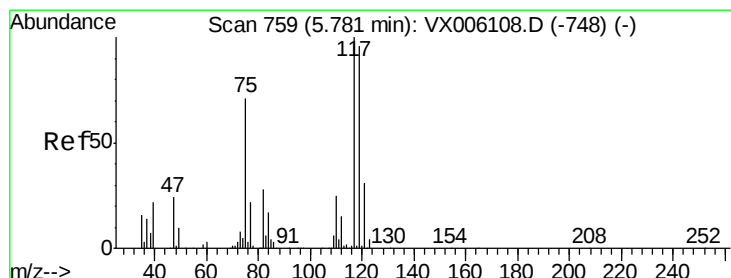
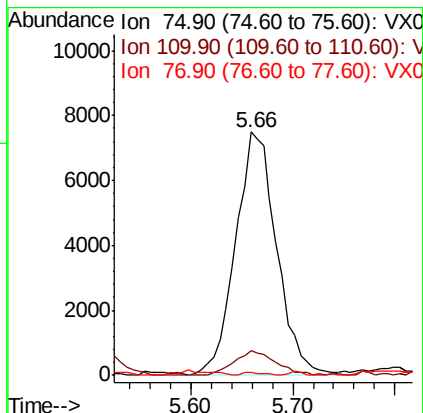
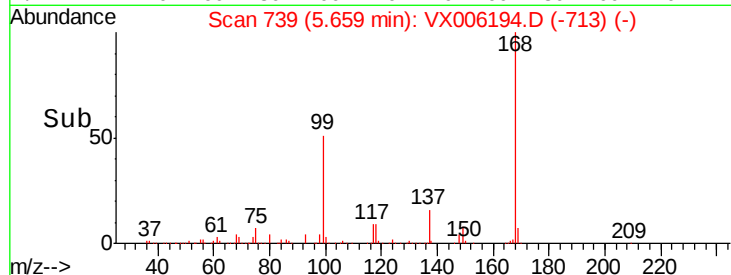
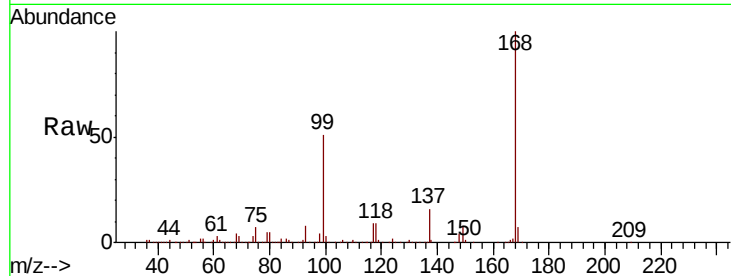
Tot Ion: 75 Resp: 21000

Ion Ratio Lower Upper

75 100

110 10.0 17.8 53.3#

77 0.6 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 7.348 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

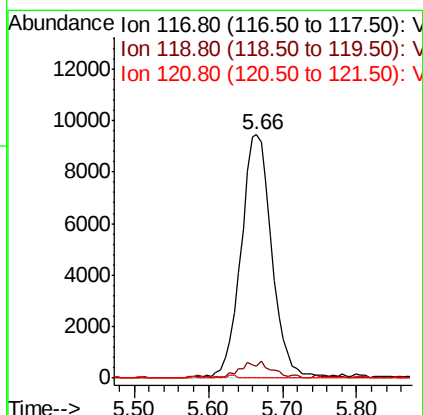
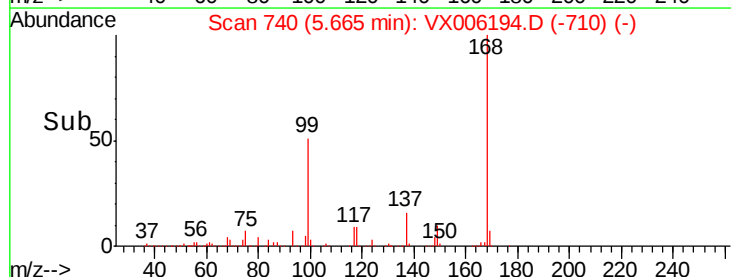
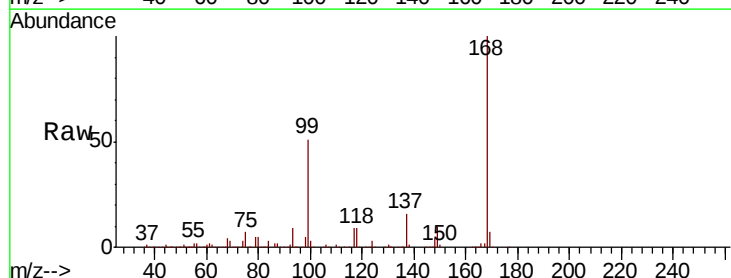
Tgt Ion: 117 Resp: 27478

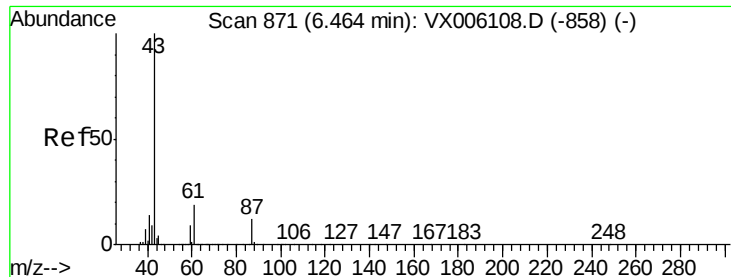
Ion Ratio Lower Upper

117 100

119 4.2 76.3 114.5#

121 0.8 24.7 37.1#





#43

Isopropyl Acetate

Concen: 2.529 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#07

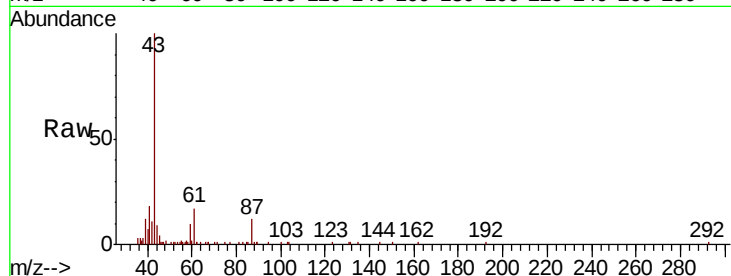
Tot Ion: 43 Resp: 18697

Ion Ratio Lower Upper

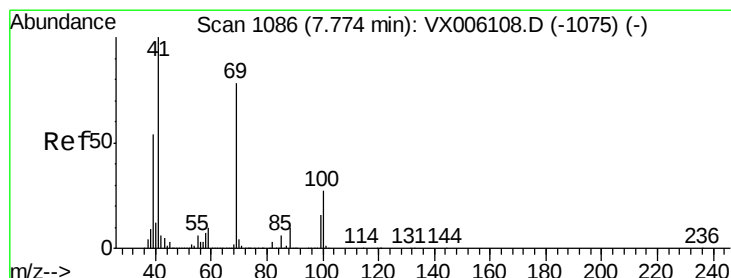
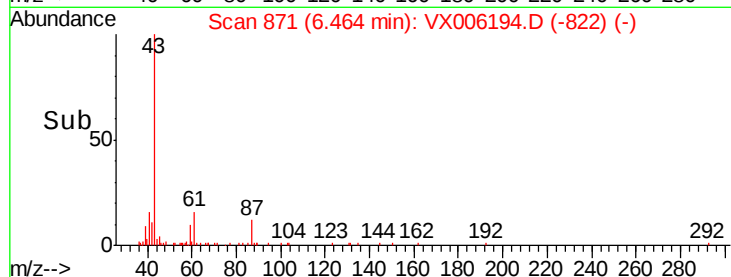
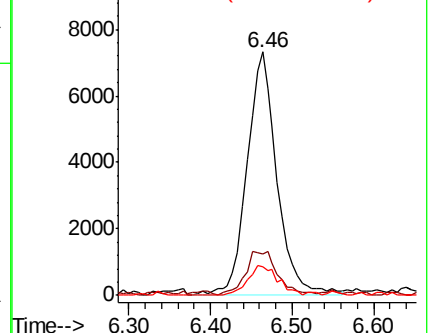
43 100

61 19.7 15.2 22.8

87 12.5 9.6 14.4



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: 2.605 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

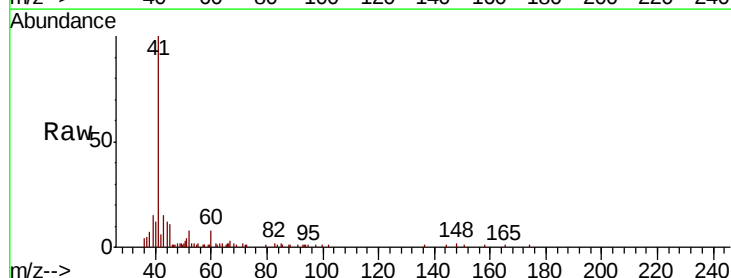
Tgt Ion: 41 Resp: 9768

Ion Ratio Lower Upper

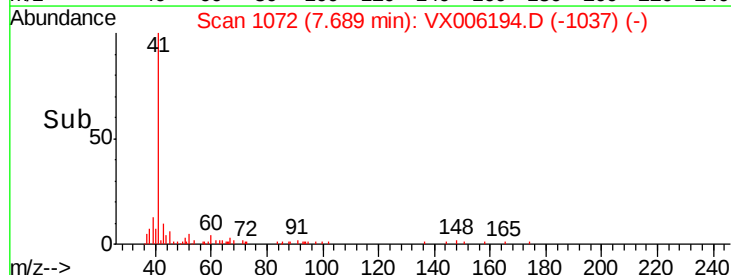
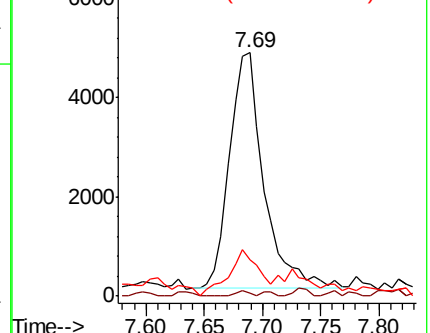
41 100

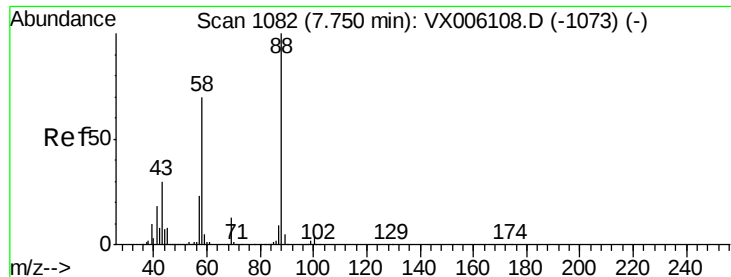
69 0.8 62.8 94.2#

39 0.0 43.8 65.6#



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

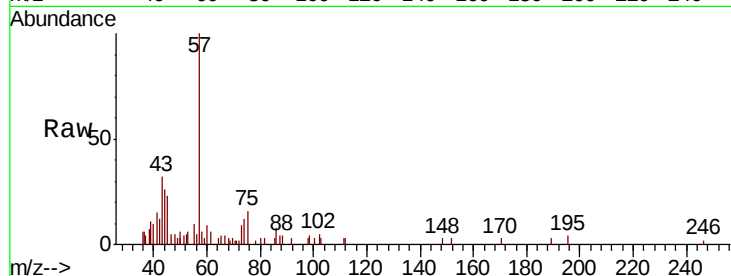




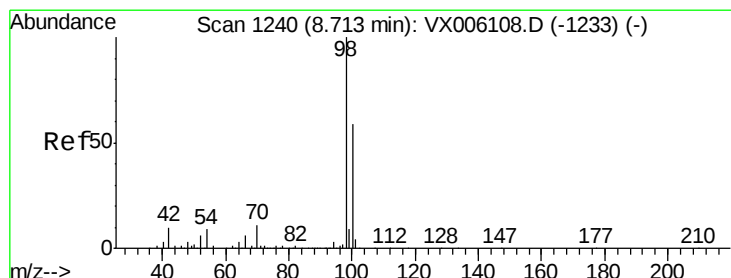
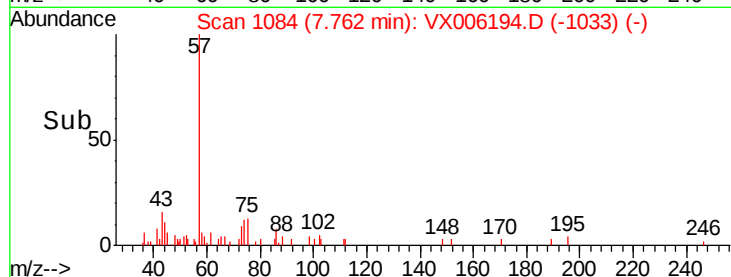
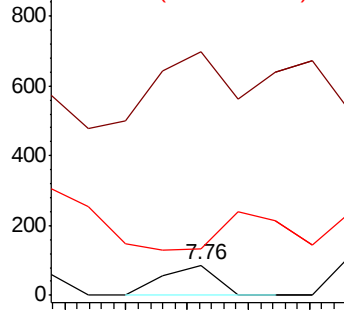
#49
1,4-Dioxane
Concen: 0.585 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006194.D
Acq: 27 Nov 2018 00:31

Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#07

Tot Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 0.0 26.7 40.1#
58 426.9 58.5 87.7#

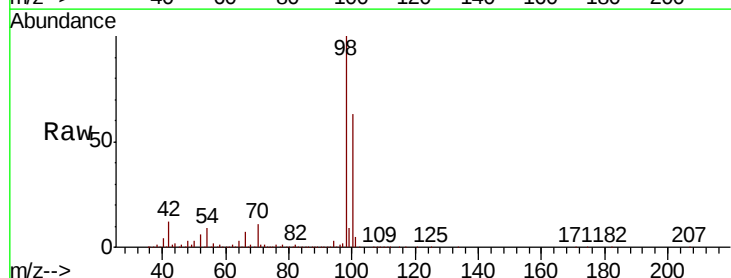


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

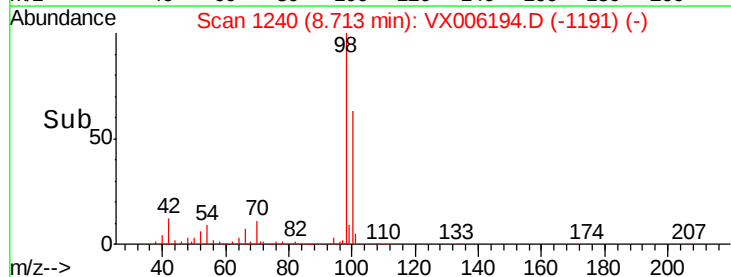
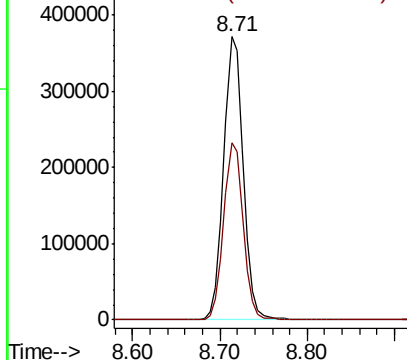


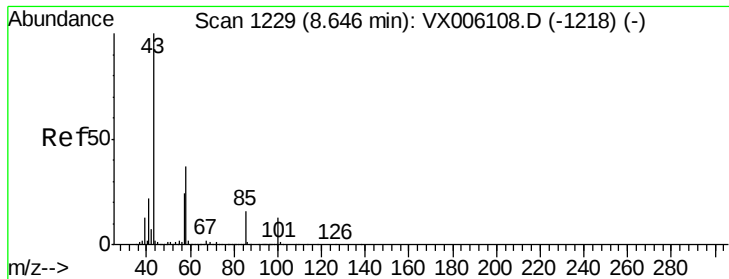
#50
Toluene-d8
Concen: 53.674 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006194.D
Acq: 27 Nov 2018 00:31

Tgt Ion: 98 Resp: 574739
Ion Ratio Lower Upper
98 100
100 62.6 51.0 76.4



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





#51

4-Methyl-2-Pentanone

Concen: 16.774 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

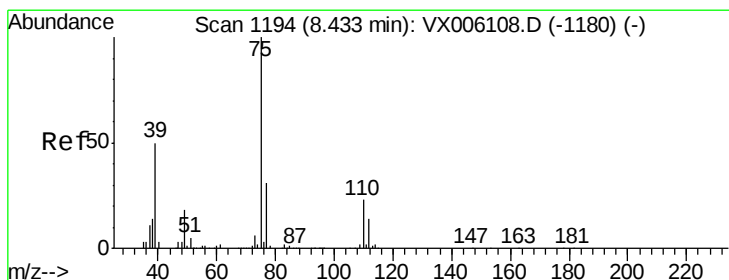
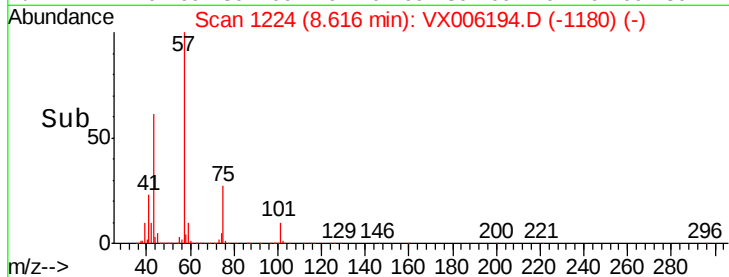
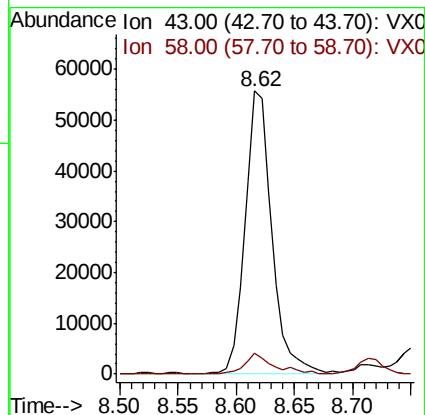
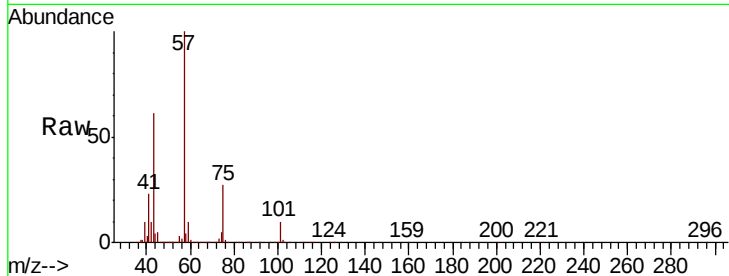
PB115023ZHE#07

Tot Ion: 43 Resp: 88896

Ion Ratio Lower Upper

43 100

58 8.1 29.9 44.9#



#54

cis-1,3-Dichloropropene

Concen: 8.492 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.19 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

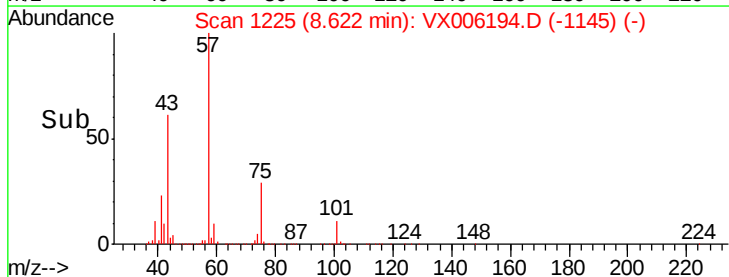
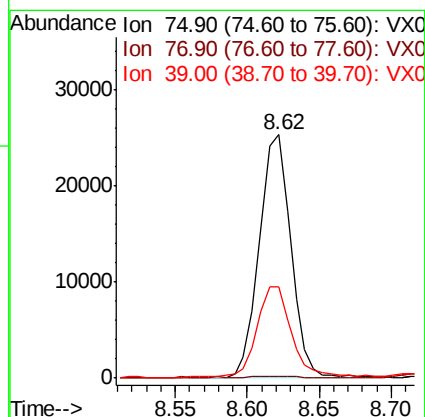
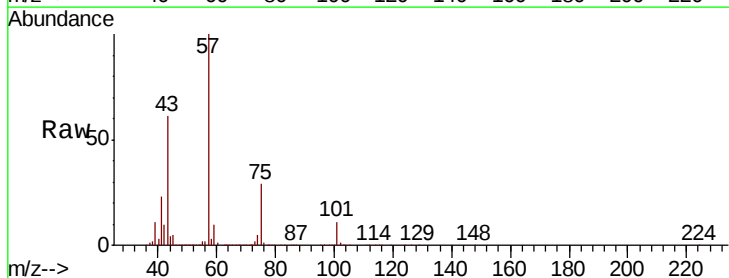
Tgt Ion: 75 Resp: 38495

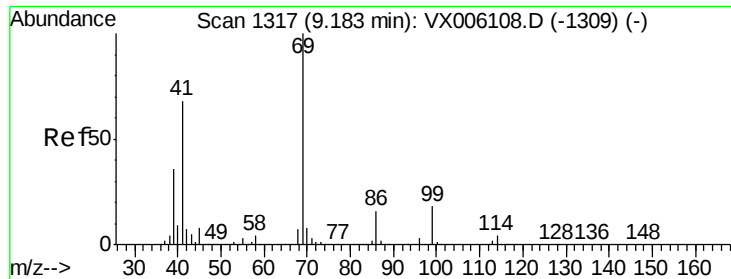
Ion Ratio Lower Upper

75 100

77 1.0 24.7 37.1#

39 37.1 40.3 60.5#





#56

Ethyl methacrylate

Concen: 2.897 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#07

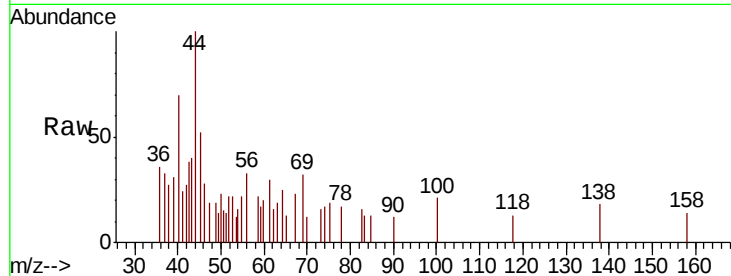
Tot Ion: 69 Resp: 164

Ion Ratio Lower Upper

69 100

41 0.0 56.2 84.4#

39 0.0 29.4 44.0#



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

400

300

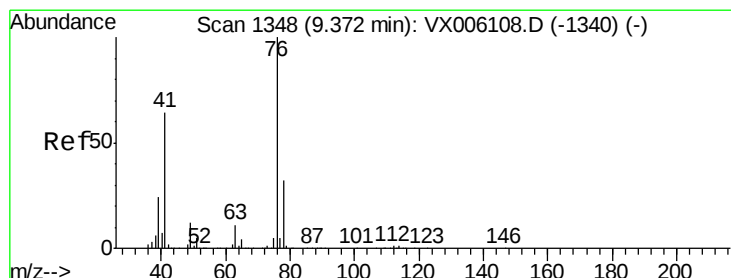
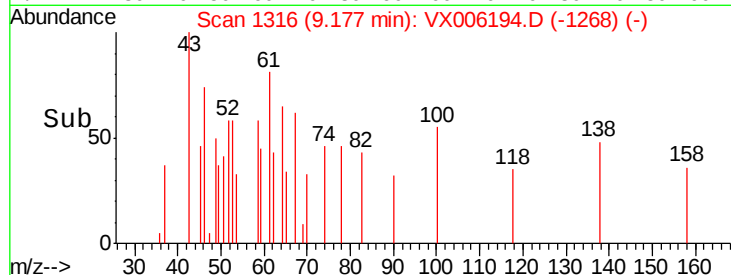
200

100

0

9.16 9.18 9.20 9.22

Time-->



#57

1,3-Dichloropropane

Concen: 2.011 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006194.D

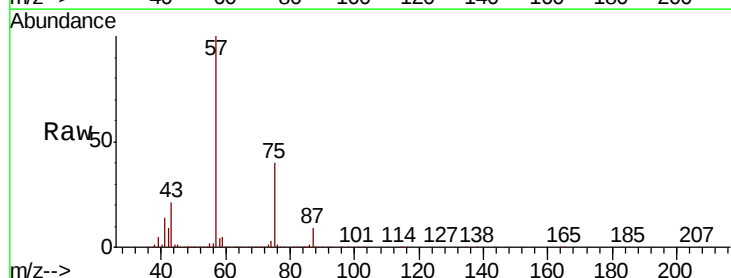
Acq: 27 Nov 2018 00:31

Tgt Ion: 76 Resp: 10407

Ion Ratio Lower Upper

76 100

78 2.5 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

8000

6000

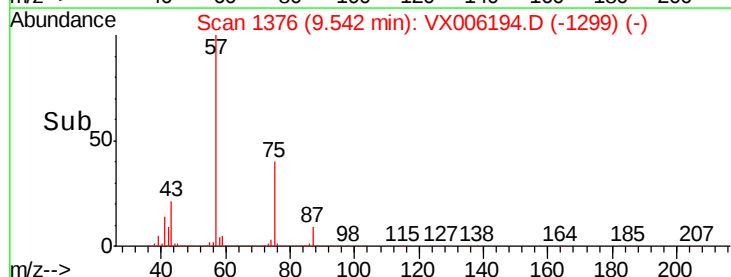
4000

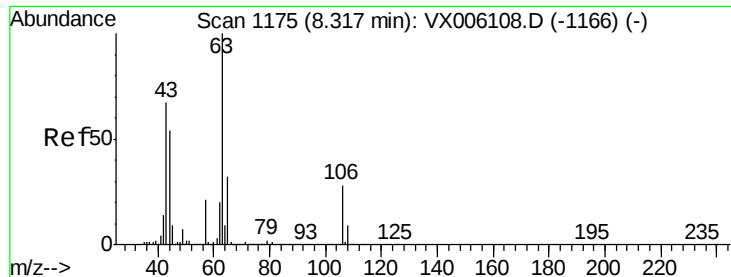
2000

0

9.45 9.50 9.55 9.60 9.65

Time-->

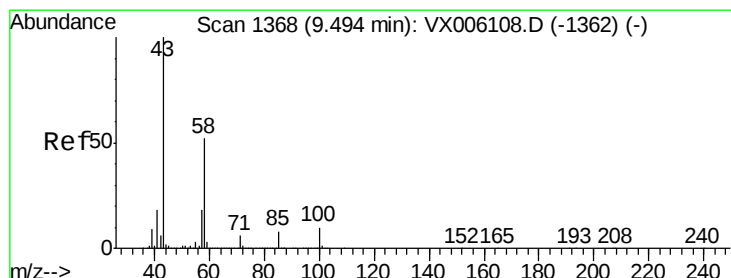
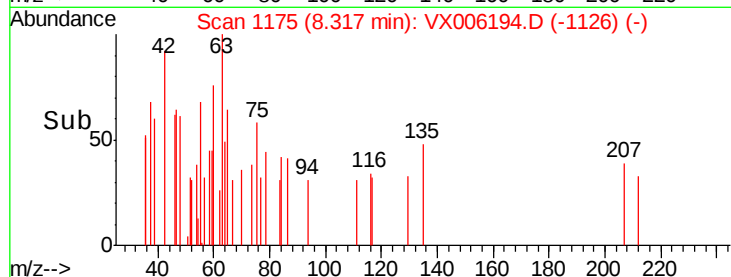
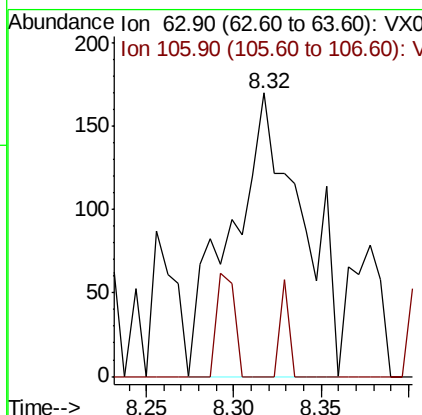
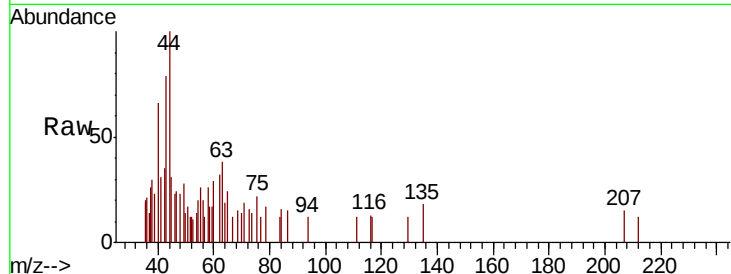




#58
2-Chloroethyl Vinyl ether
Concen: 6.892 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VX006194.D
Acq: 27 Nov 2018 00:31

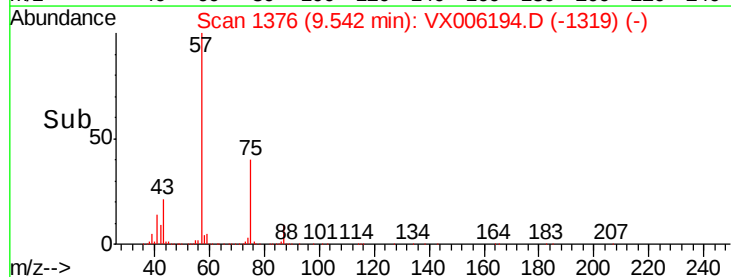
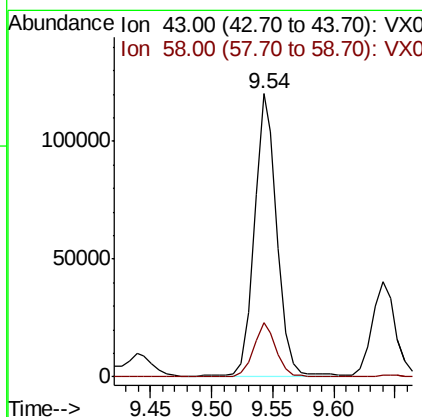
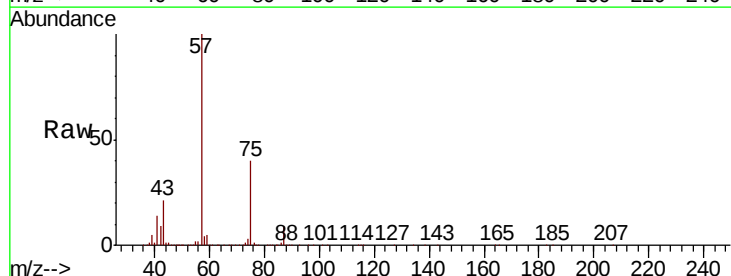
Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#07

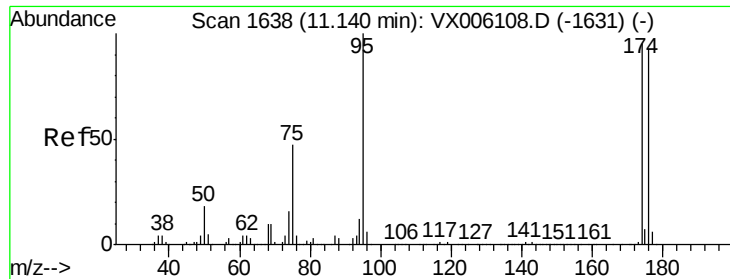
Tot Ion: 63 Resp: 477
Ion Ratio Lower Upper
63 100
106 4.4 21.7 32.5#



#59
2-Hexanone
Concen: 36.542 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006194.D
Acq: 27 Nov 2018 00:31

Tgt Ion: 43 Resp: 153695
Ion Ratio Lower Upper
43 100
58 19.4 26.3 78.9#





#62

4-Bromofluorobenzene

Concen: 46.680 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#07

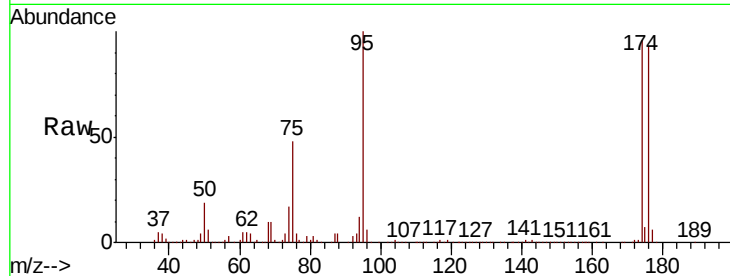
Tot Ion: 95 Resp: 187543

Ion Ratio Lower Upper

95 100

174 93.7 0.0 184.4

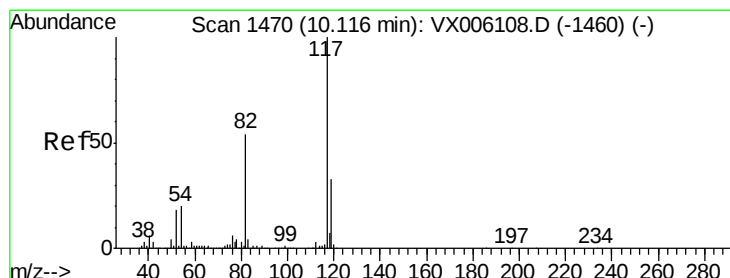
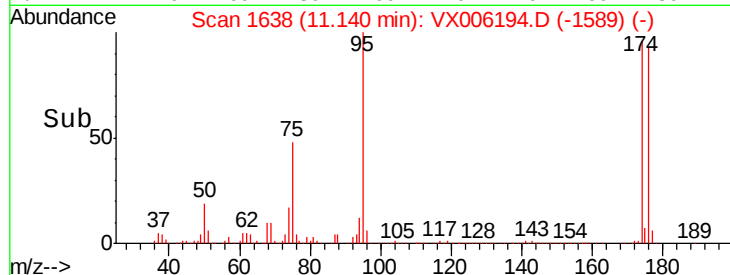
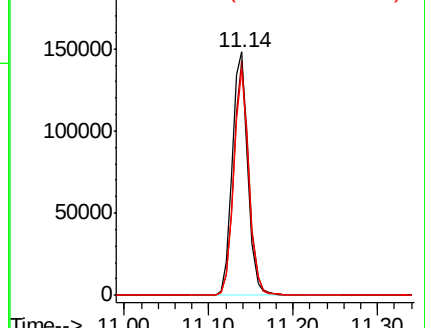
176 89.8 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

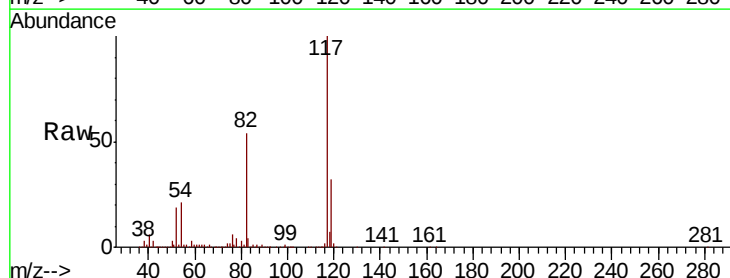
Tgt Ion: 117 Resp: 435100

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

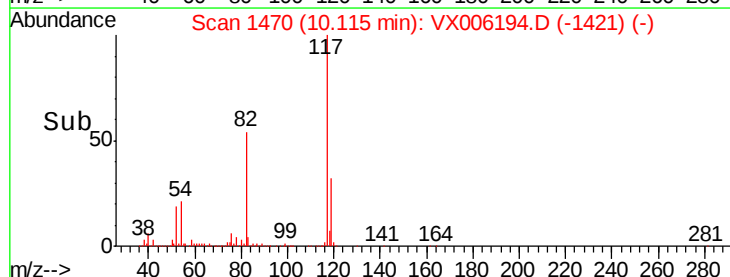
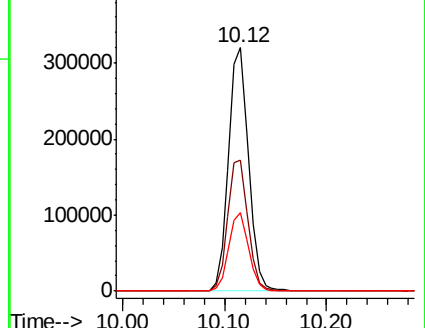
119 32.4 26.1 39.1

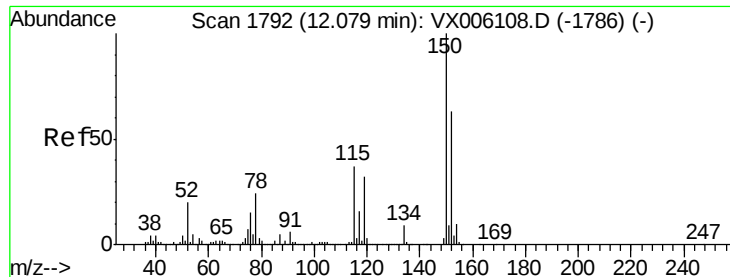


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#07

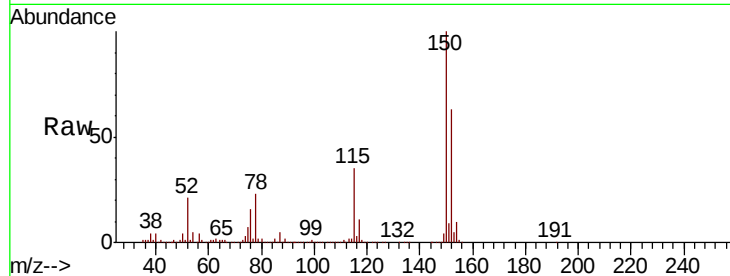
Tot Ion:152 Resp: 201009

Ion Ratio Lower Upper

152 100

115 54.7 39.0 116.9

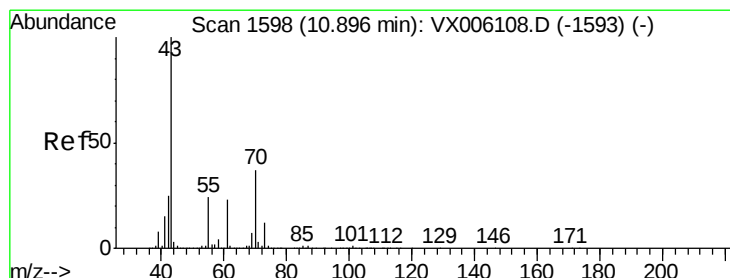
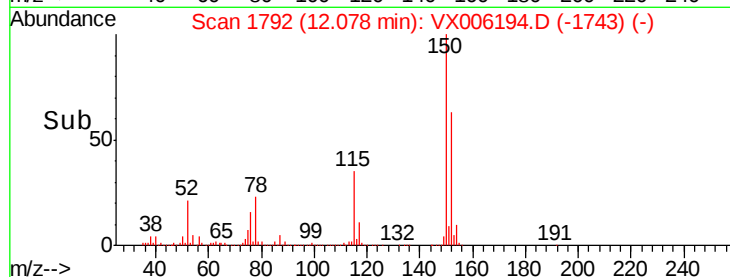
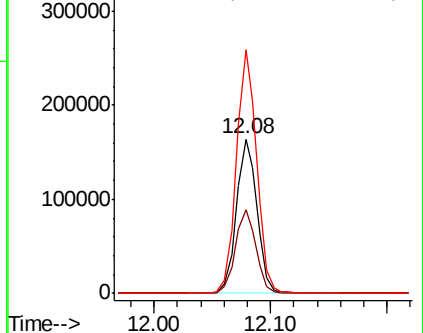
150 156.1 0.0 346.6



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-ethyl acetate

Concen: 4.142 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Tgt Ion: 43 Resp: 12643

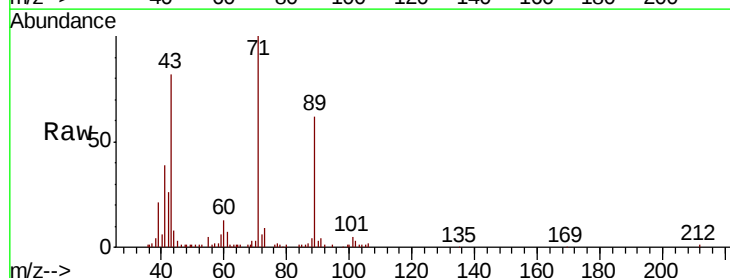
Ion Ratio Lower Upper

43 100

70 4.7 31.8 47.6#

55 6.6 19.5 29.3#

61 12.0 18.6 27.8#

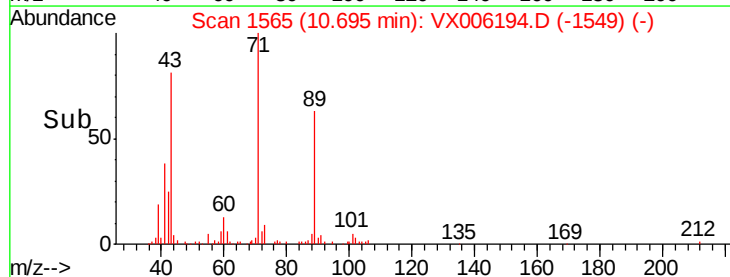
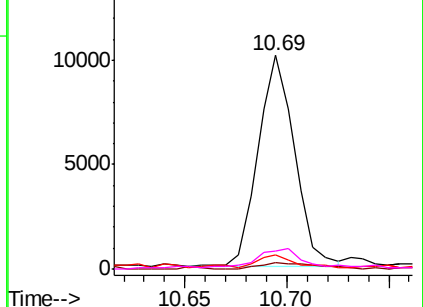


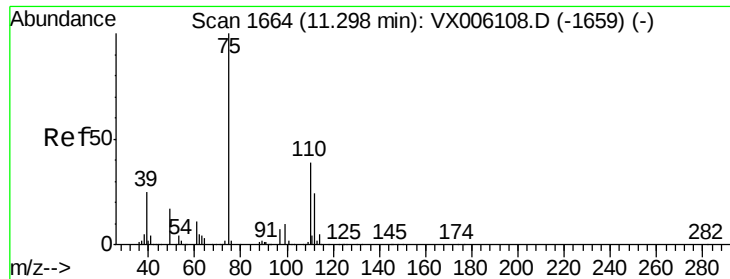
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.639 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

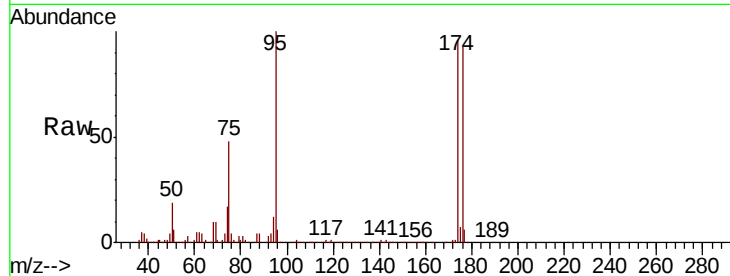
PB115023ZHE#07

Tot Ion: 75 Resp: 93688

Ion Ratio Lower Upper

75 100

77 1.6 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

80000

60000

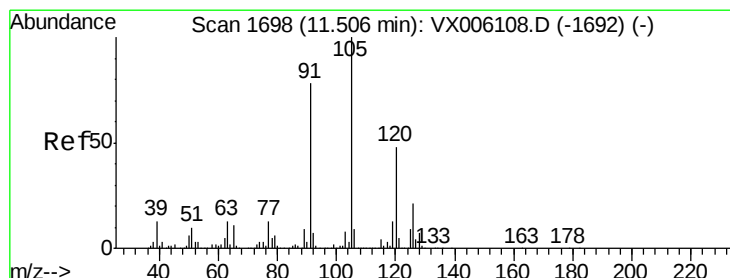
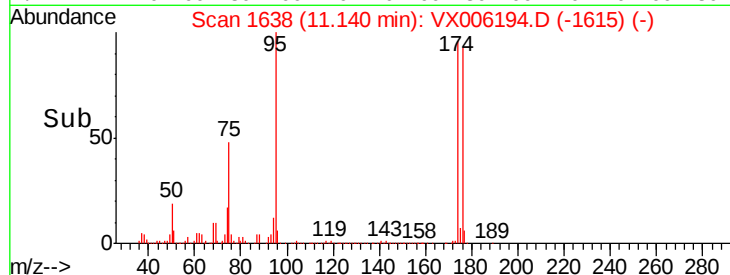
40000

20000

0

11.10 11.20

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.683 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006194.D

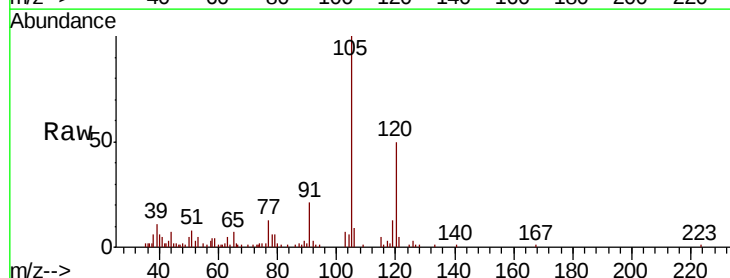
Acq: 27 Nov 2018 00:31

Tgt Ion: 105 Resp: 7008

Ion Ratio Lower Upper

105 100

120 50.2 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.51

6000

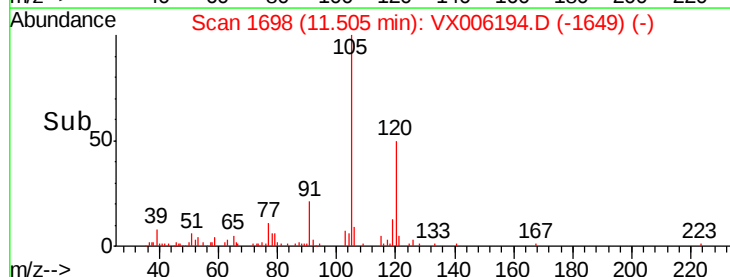
4000

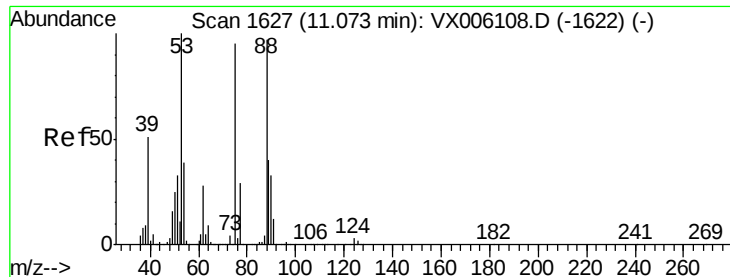
2000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 76.570 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#07

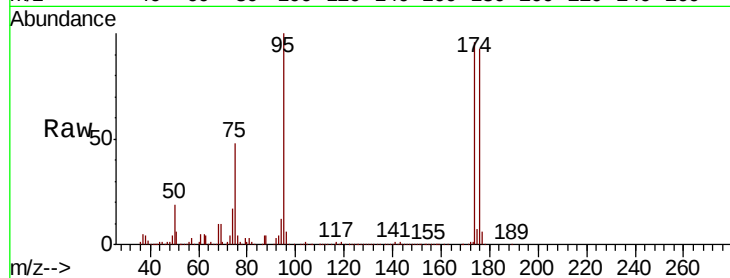
Tot Ion: 75 Resp: 93688

Ion Ratio Lower Upper

75 100

53 0.6 85.3 127.9#

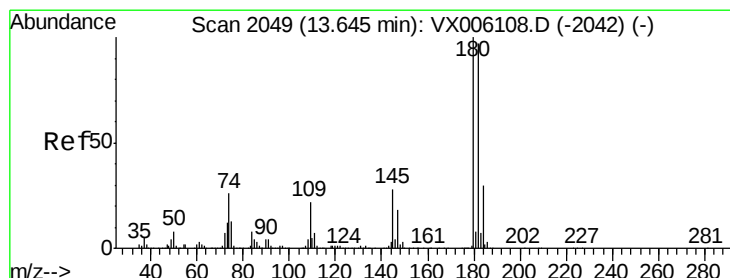
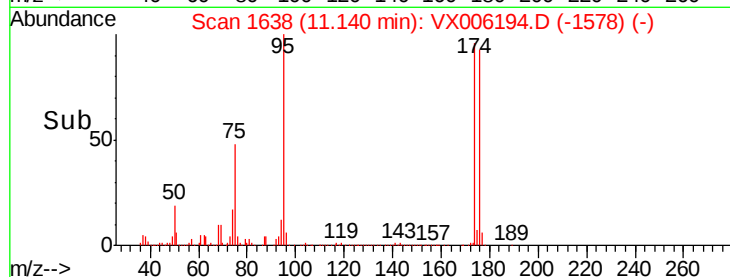
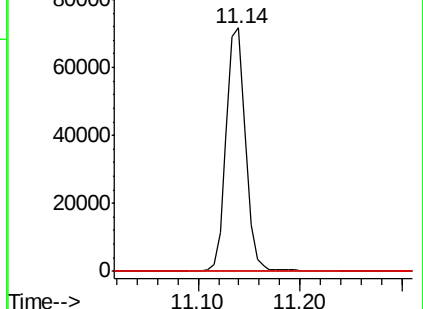
89 0.1 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#93

1,2,4-Trichlorobenzene

Concen: 0.244 ug/l

RT: 13.65 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

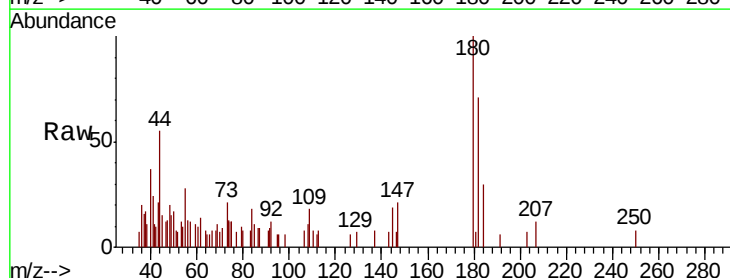
Tgt Ion:180 Resp: 1104

Ion Ratio Lower Upper

180 100

182 80.9 48.2 144.6

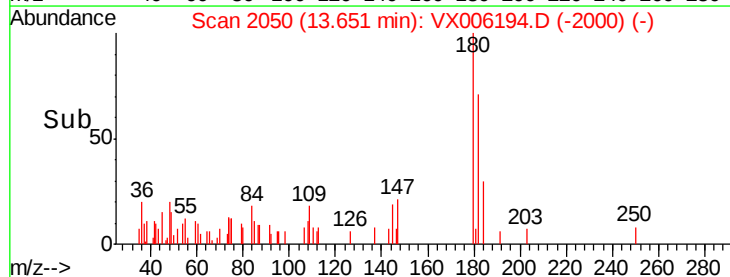
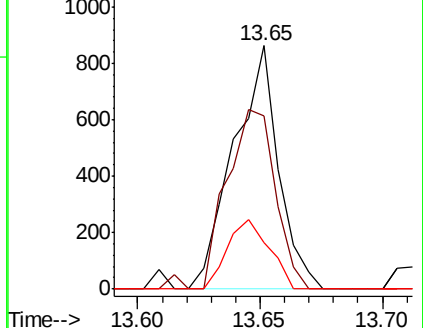
145 26.4 14.1 42.2

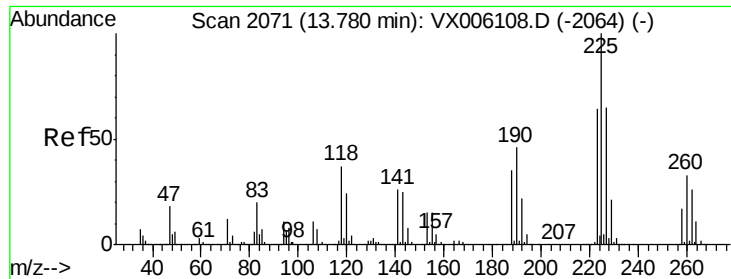


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.216 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX006194.D

Acq: 27 Nov 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#07

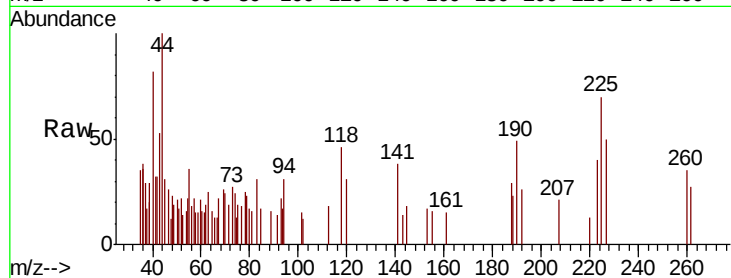
Tot Ion:225 Resp: 476

Ion Ratio Lower Upper

225 100

223 70.8 31.2 93.6

227 51.5 32.4 97.2



Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

