

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006183.D
 Acq On : 26 Nov 2018 18:45
 Operator : JC/MD
 Sample : PB115023ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#02

Quant Time: Nov 27 02:30:59 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	5.67	168	313846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	471272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	465189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214905	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	198913	54.70	ug/l	0.00
Spiked Amount			Recovery	=	109.40%	
35) Dibromofluoromethane	5.51	113	160015	52.89	ug/l	0.00
Spiked Amount			Recovery	=	105.78%	
50) Toluene-d8	8.71	98	608231	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	11.14	95	201741	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	

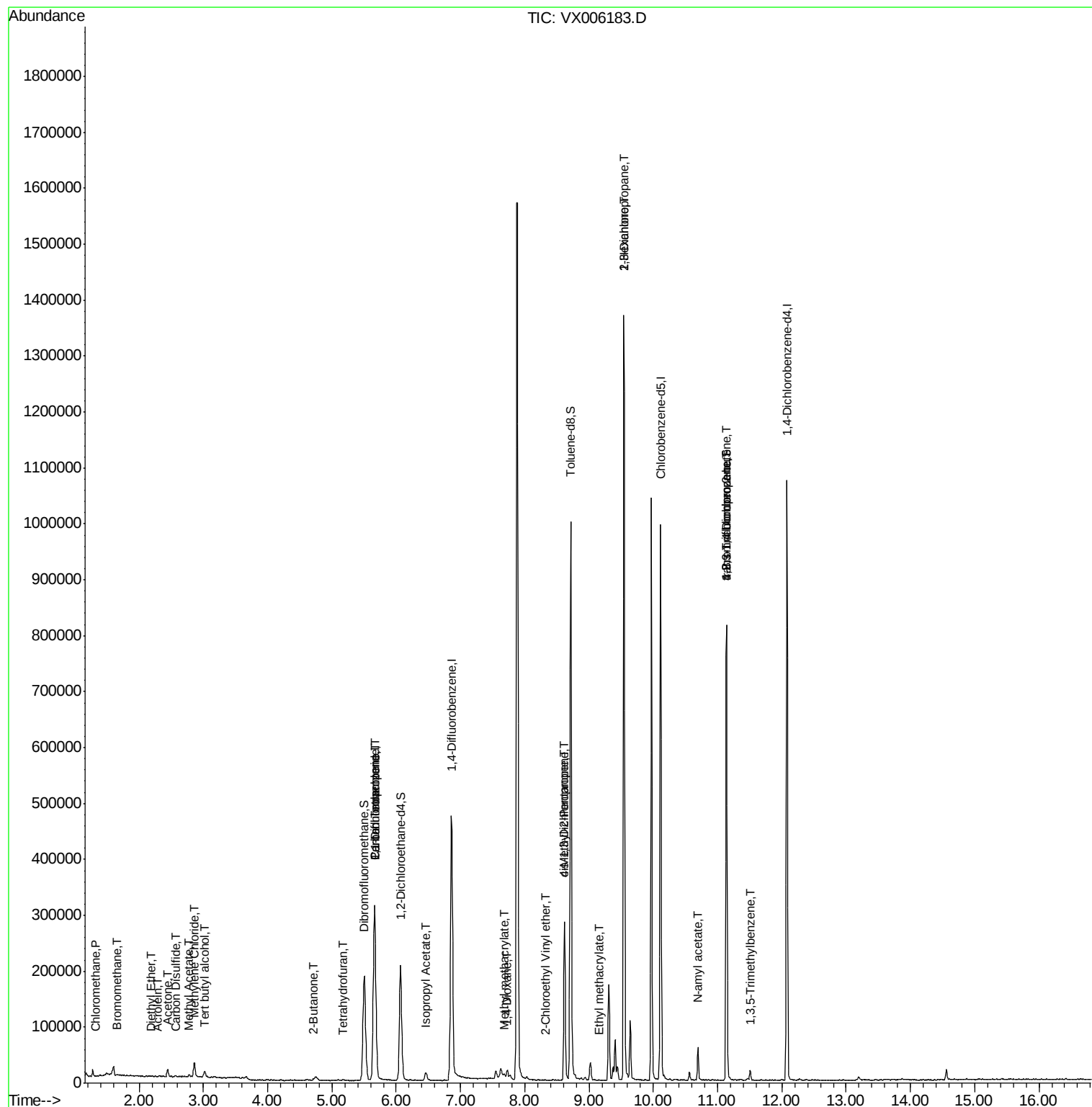
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	744	0.253	ug/l #	66
5) Bromomethane	1.66	94	553	3.937	ug/l	98
6) Chloroethane	1.68	64	517	Below Cal	#	79
8) Diethyl Ether	2.18	74	476	0.287	ug/l	89
11) Tert butyl alcohol	3.03	59	6313	8.160	ug/l #	71
13) Acrolein	2.29	56	207	0.447	ug/l #	71
16) Acetone	2.45	43	14176	8.784	ug/l	99
17) Carbon Disulfide	2.57	76	1564	0.256	ug/l #	59
18) Methyl Acetate	2.78	43	4894	1.183	ug/l #	84
20) Methylene Chloride	2.86	84	11266	4.294	ug/l #	92
25) 2-Butanone	4.70	43	2505	0.836	ug/l	96
29) Tetrahydrofuran	5.16	42	474	0.254	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	22155	5.167	ug/l #	51
38) Carbon Tetrachloride	5.67	117	29279	7.266	ug/l #	16
43) Isopropyl Acetate	6.46	43	19136	2.402	ug/l	96
48) Methyl methacrylate	7.69	41	10464	2.590	ug/l #	17
49) 1,4-Dioxane	7.73	88	44	0.459	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	95395	16.704	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	41749	8.547	ug/l #	65
56) Ethyl methacrylate	9.15	69	310	2.921	ug/l #	23
57) 1,3-Dichloropropane	9.54	76	11198	2.008	ug/l #	44
58) 2-Chloroethyl Vinyl ether	8.32	63	260	6.808	ug/l	99
59) 2-Hexanone	9.54	43	163029	35.971	ug/l #	52
74) N-ethyl acetate	10.69	43	14290	4.254	ug/l #	57
76) 1,2,3-Trichloropropane	11.13	75	102910	23.259	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	7496	0.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	102910	78.669	ug/l #	7

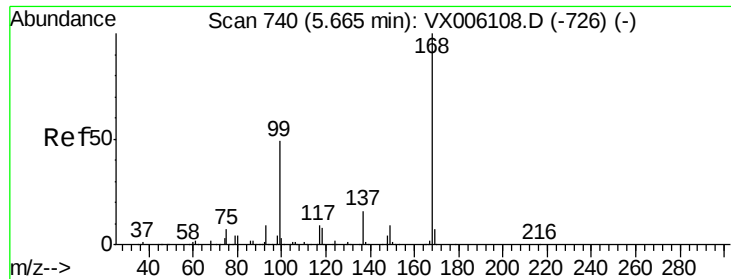
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112618\
Data File : VX006183.D
Acq On : 26 Nov 2018 18:45
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Quant Time: Nov 27 02:30:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

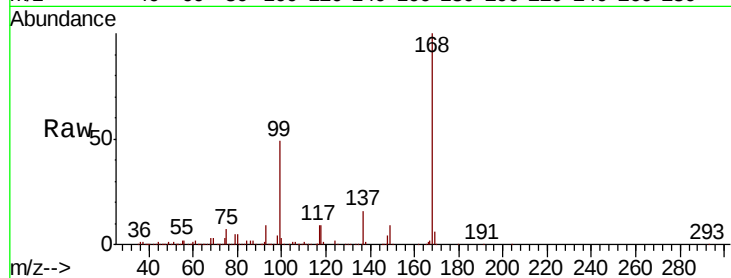
PB115023ZHE#02

Tot Ion:168 Resp: 313846

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

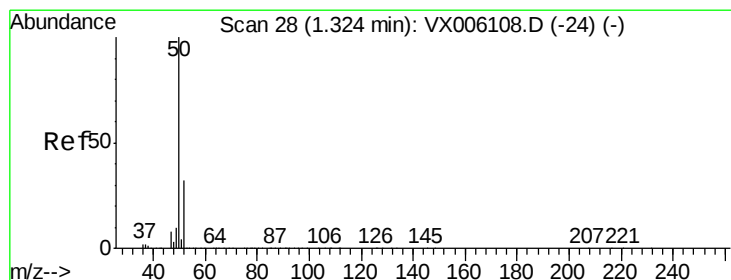
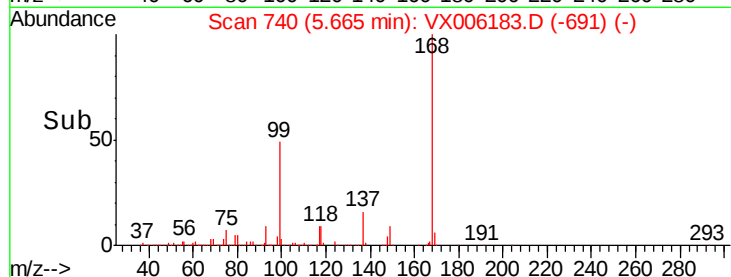
100000

50000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: 0.253 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006183.D

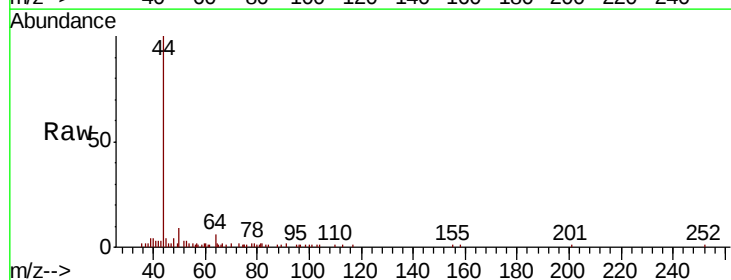
Acq: 26 Nov 2018 18:45

Tgt Ion: 50 Resp: 744

Ion Ratio Lower Upper

50 100

52 13.3 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

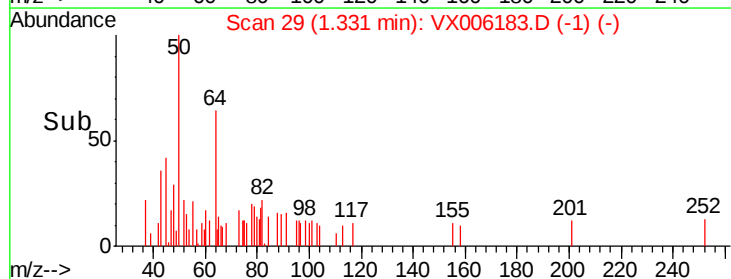
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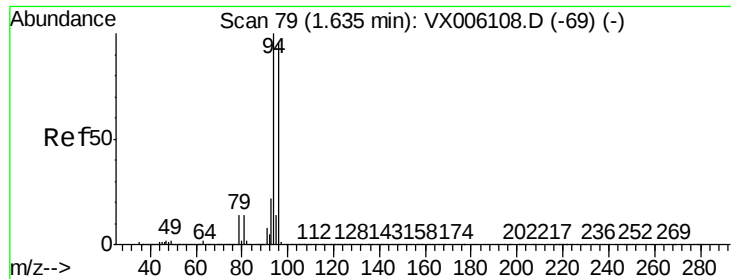
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 3.937 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

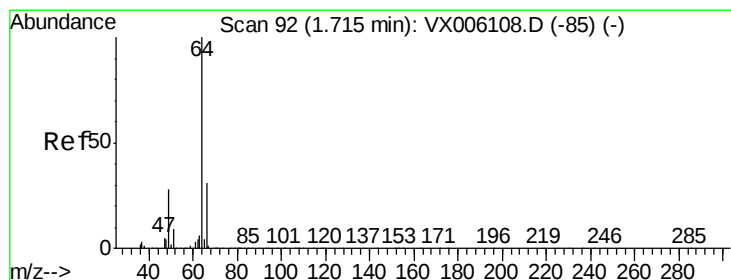
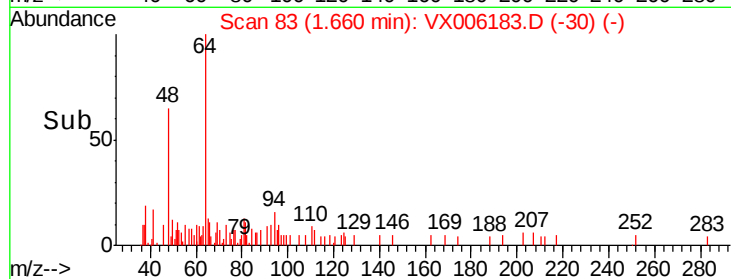
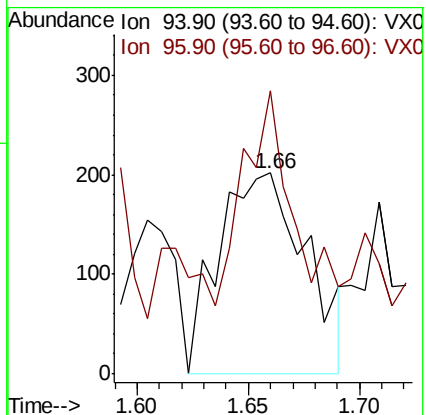
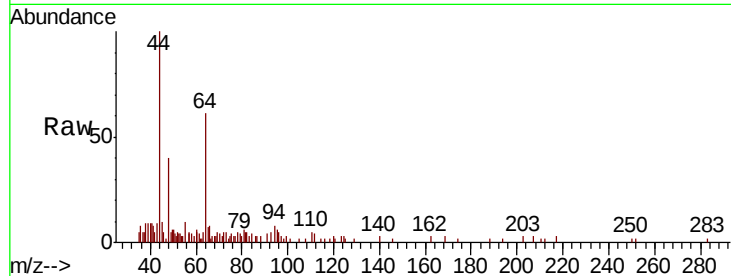
PB115023ZHE#02

Tot Ion: 94 Resp: 553

Ion Ratio Lower Upper

94 100

96 97.5 76.7 115.1



#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 87

Delta R.T. -0.03 min

Lab File: VX006183.D

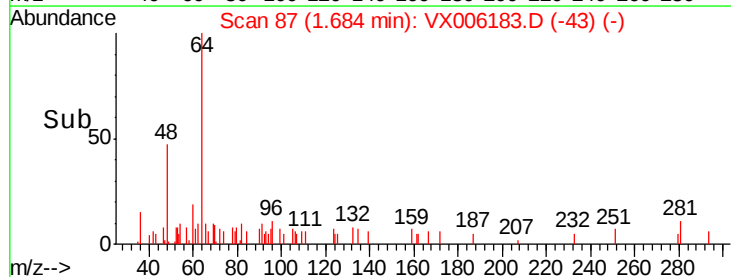
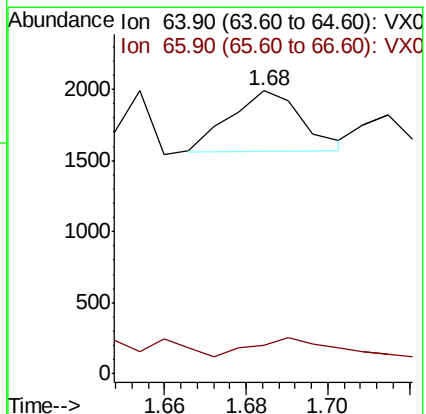
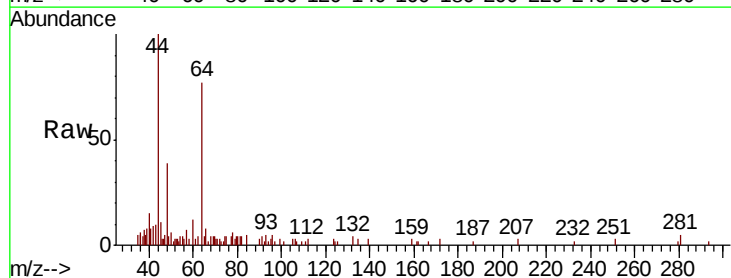
Acq: 26 Nov 2018 18:45

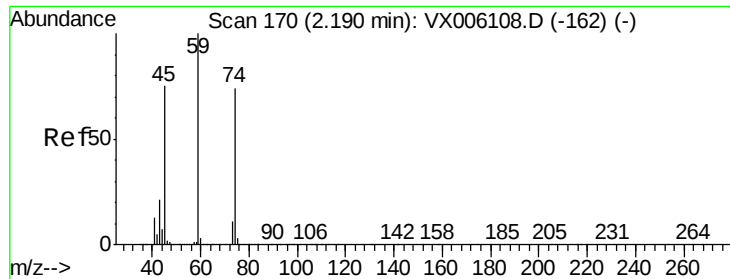
Tgt Ion: 64 Resp: 517

Ion Ratio Lower Upper

64 100

66 19.8 25.1 37.7#





#8

Diethyl Ether

Concen: 0.287 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

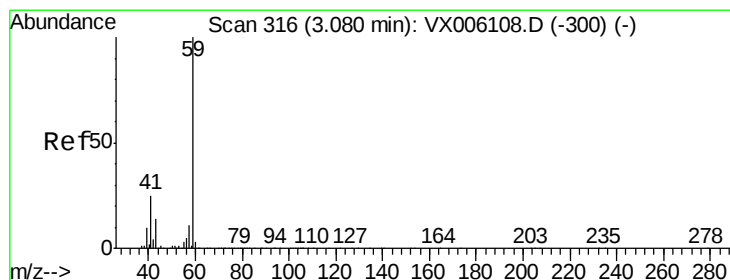
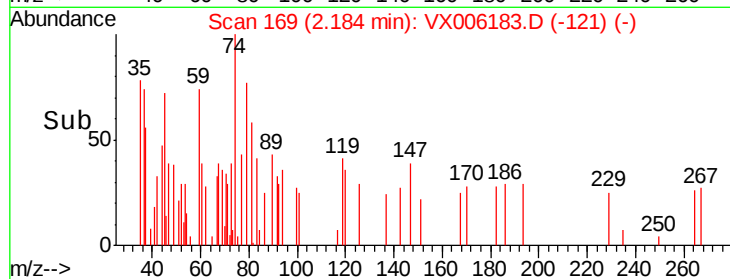
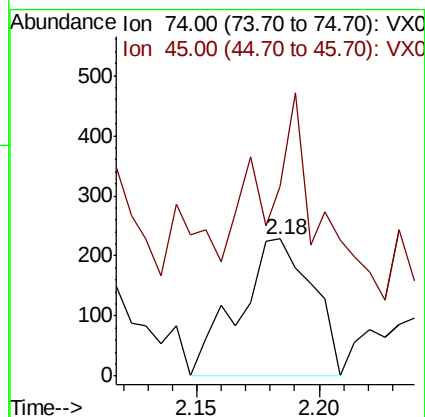
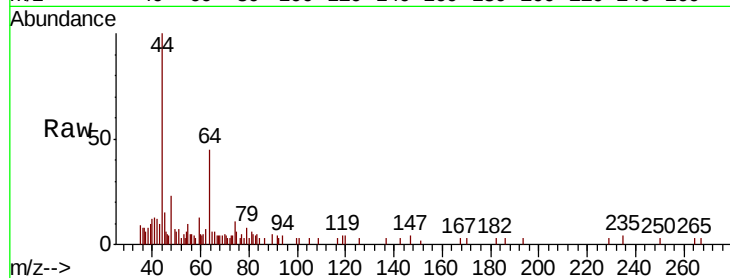
PB115023ZHE#02

Tot Ion: 74 Resp: 476

Ion Ratio Lower Upper

74 100

45 115.5 52.2 156.6



#11

Tert butyl alcohol

Concen: 8.160 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX006183.D

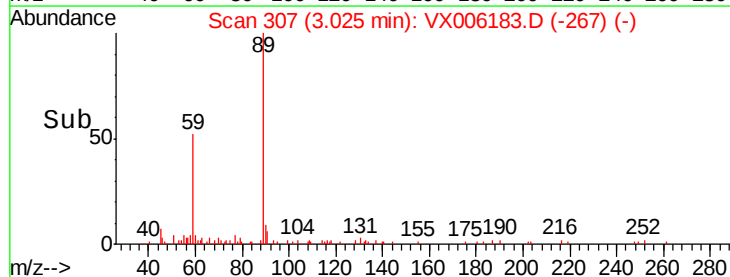
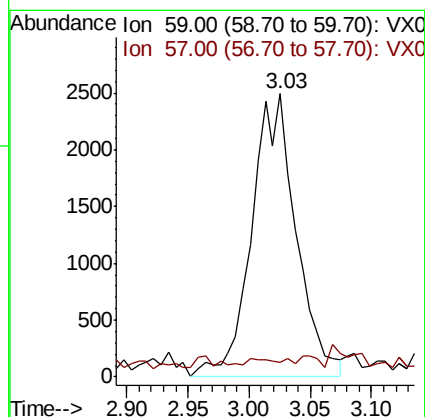
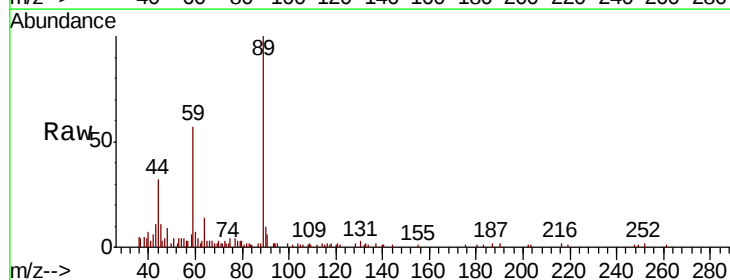
Acq: 26 Nov 2018 18:45

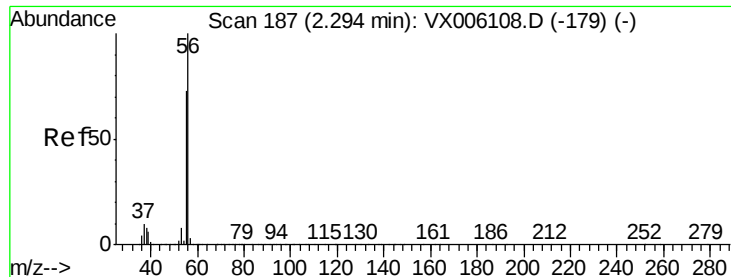
Tgt Ion: 59 Resp: 6313

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#





#13

Acrolein

Concen: 0.447 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

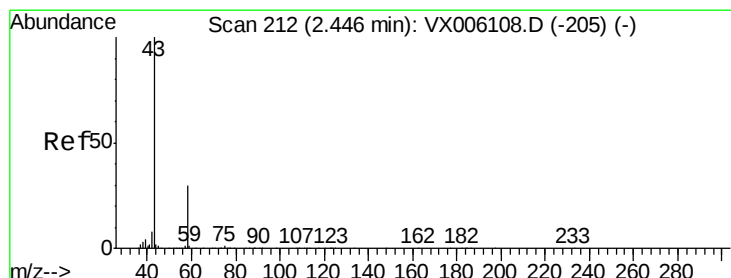
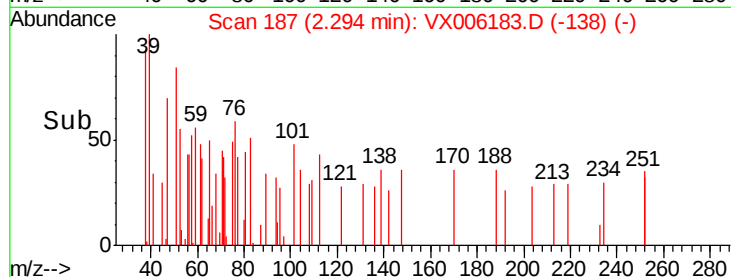
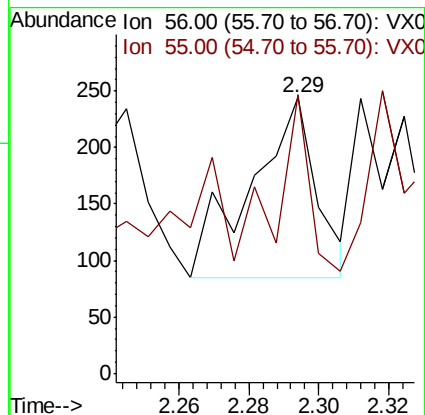
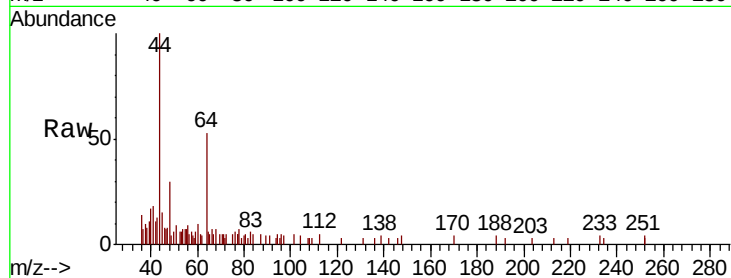
PB115023ZHE#02

Tot Ion: 56 Resp: 207

Ion Ratio Lower Upper

56 100

55 48.3 57.8 86.6#



#16

Acetone

Concen: 8.784 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006183.D

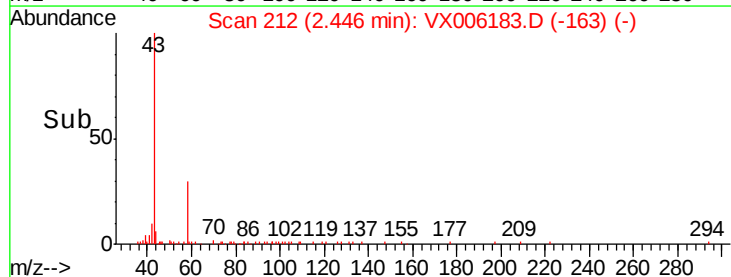
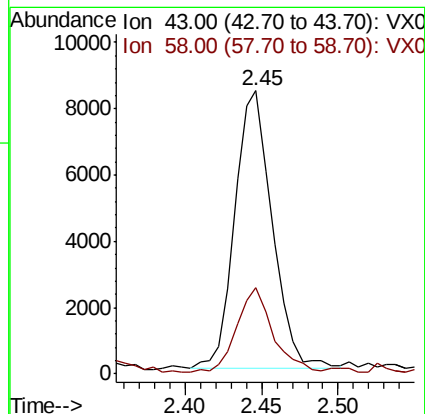
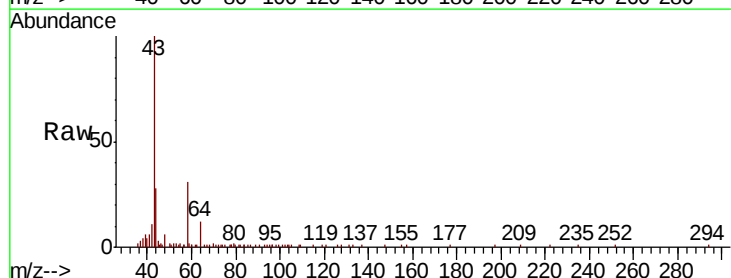
Acq: 26 Nov 2018 18:45

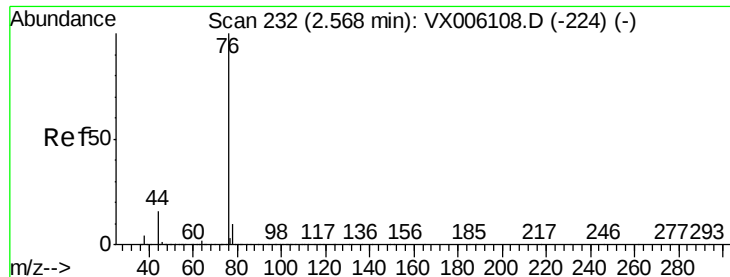
Tgt Ion: 43 Resp: 14176

Ion Ratio Lower Upper

43 100

58 30.3 23.8 35.8





#17

Carbon Disulfide

Concen: 0.256 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

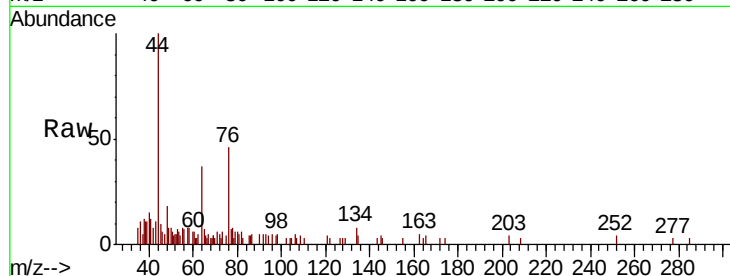
PB115023ZHE#02

Tot Ion: 76 Resp: 1564

Ion Ratio Lower Upper

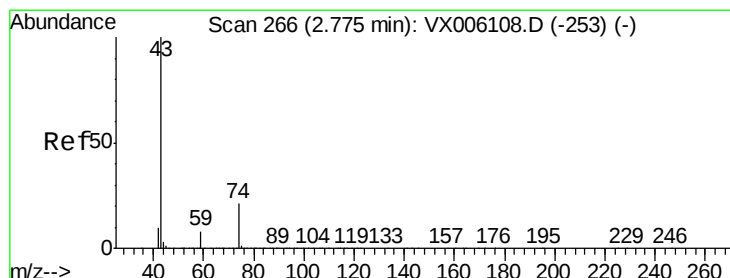
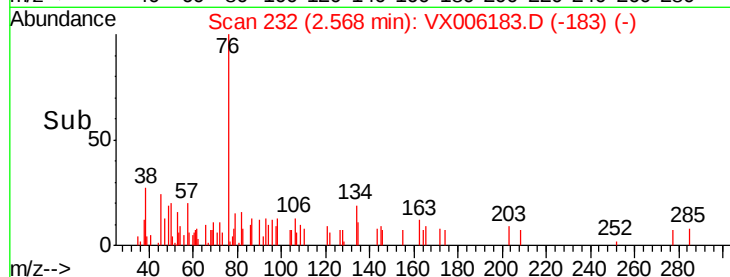
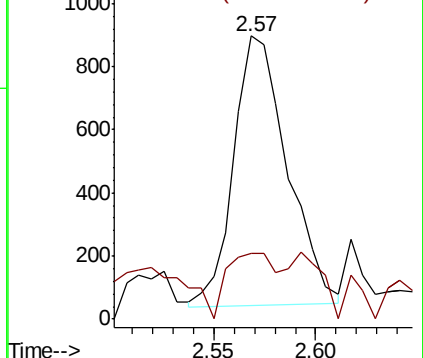
76 100

78 24.7 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.183 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006183.D

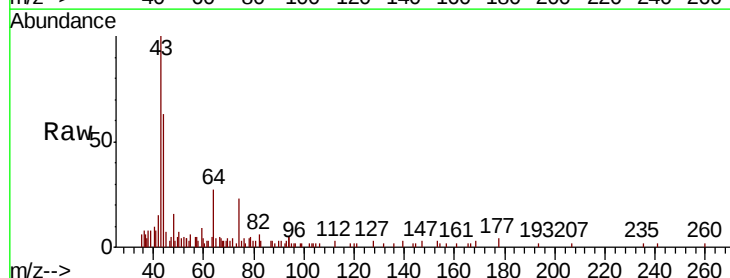
Acq: 26 Nov 2018 18:45

Tgt Ion: 43 Resp: 4894

Ion Ratio Lower Upper

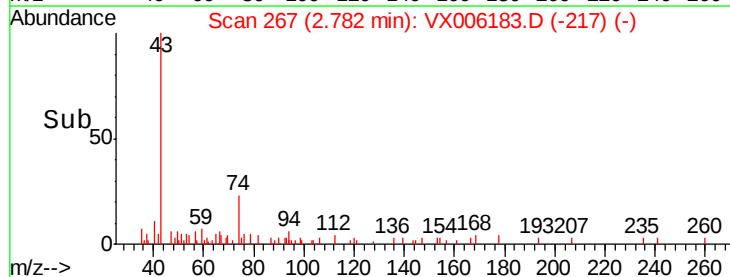
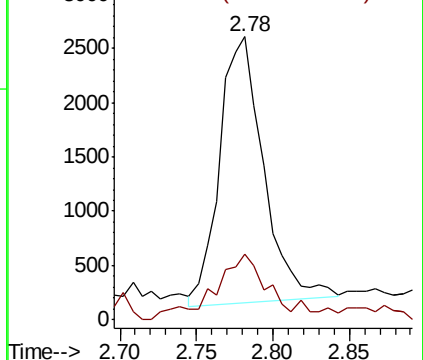
43 100

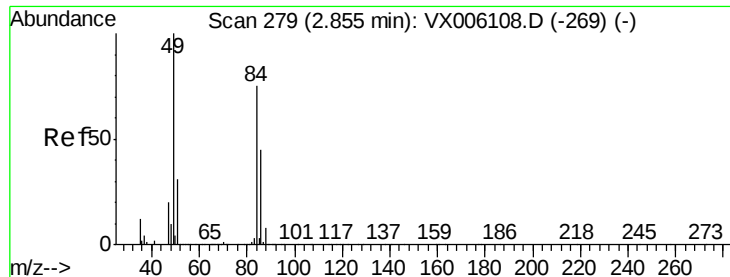
74 29.0 17.3 25.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

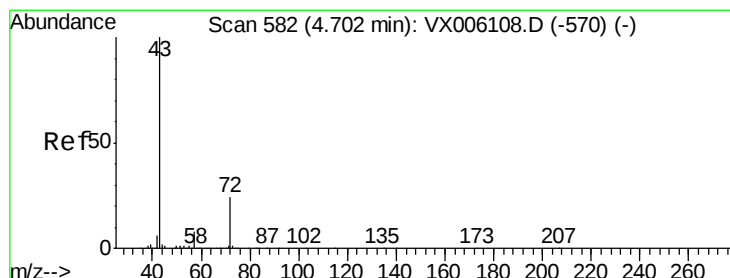
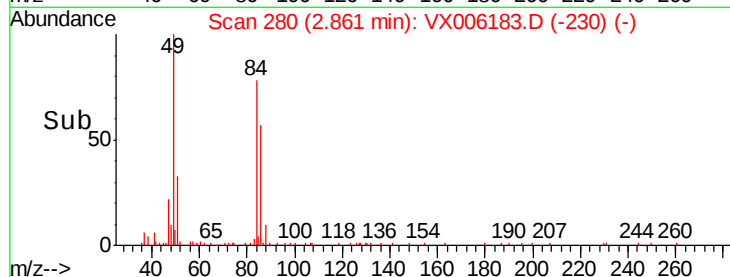
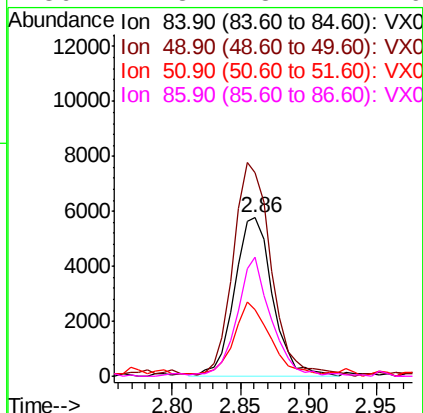
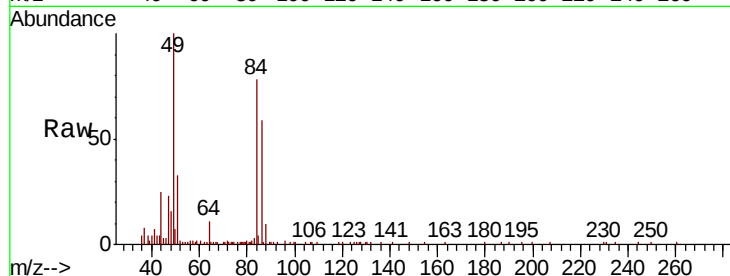




#20
Methvlene Chloride
Concen: 4.294 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006183.D
Acq: 26 Nov 2018 18:45

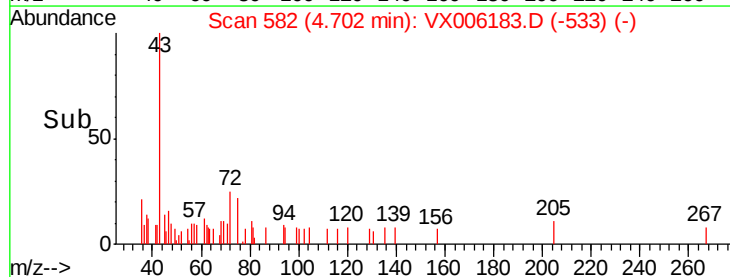
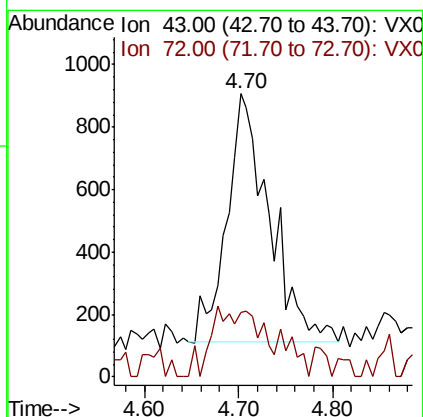
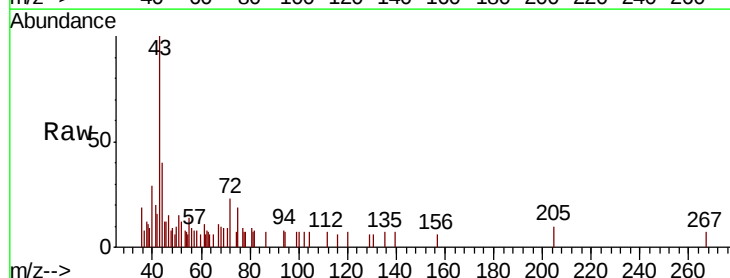
Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#02

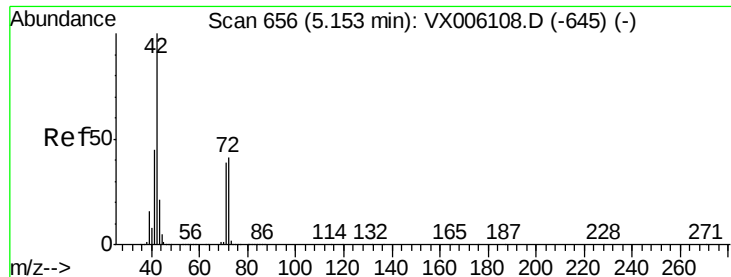
Tot Ion: 84 Resp: 11266
Ion Ratio Lower Upper
84 100
49 127.0 106.6 159.8
51 40.0 32.6 49.0
86 74.3 48.4 72.6#



#25
2-Butanone
Concen: 0.836 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006183.D
Acq: 26 Nov 2018 18:45

Tgt Ion: 43 Resp: 2505
Ion Ratio Lower Upper
43 100
72 25.9 19.2 28.8





#29

Tetrahydrofuran

Concen: 0.254 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#02

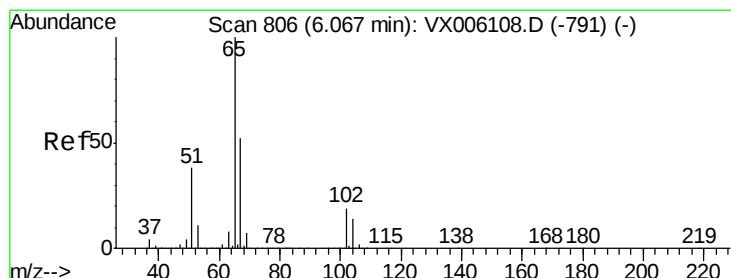
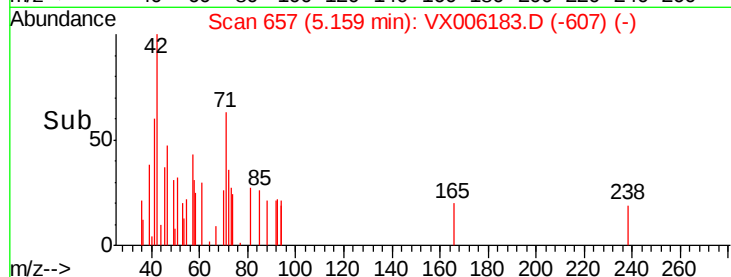
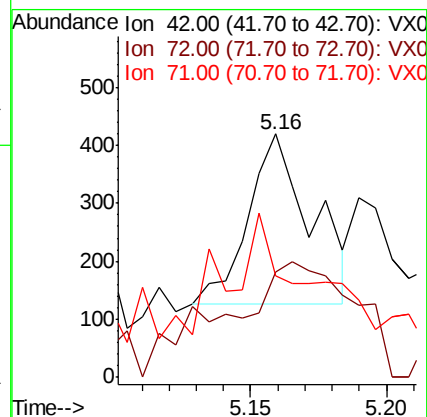
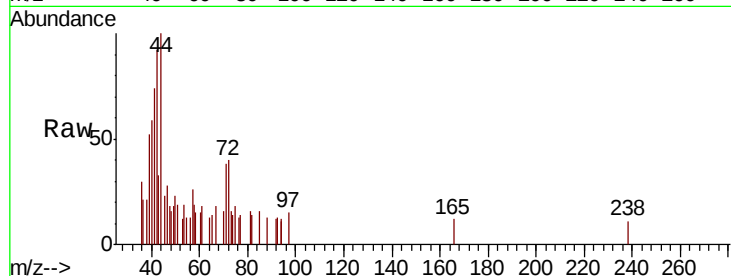
Tot Ion: 42 Resp: 474

Ion Ratio Lower Upper

42 100

72 95.8 33.0 49.6#

71 169.0 31.0 46.4#



#33

1,2-Dichloroethane-d4

Concen: 54.696 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006183.D

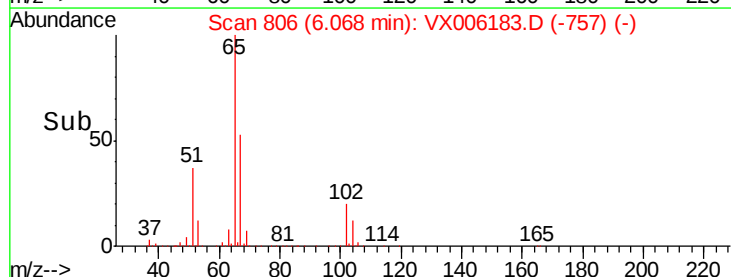
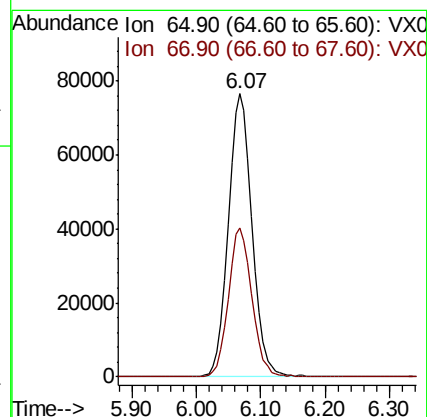
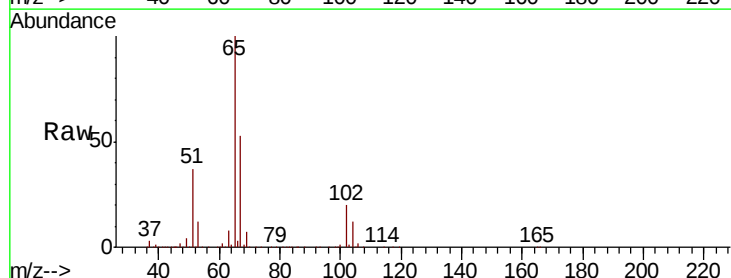
Acq: 26 Nov 2018 18:45

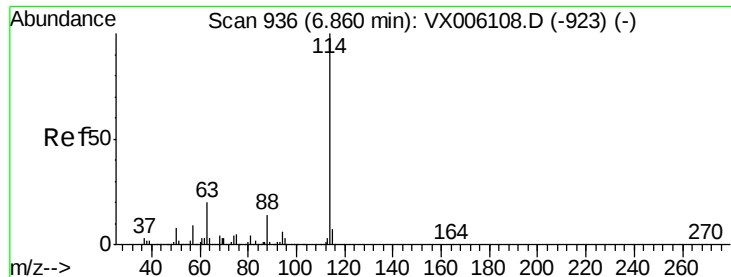
Tgt Ion: 65 Resp: 198913

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: VX006183.D

Acq: 26 Nov 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#02

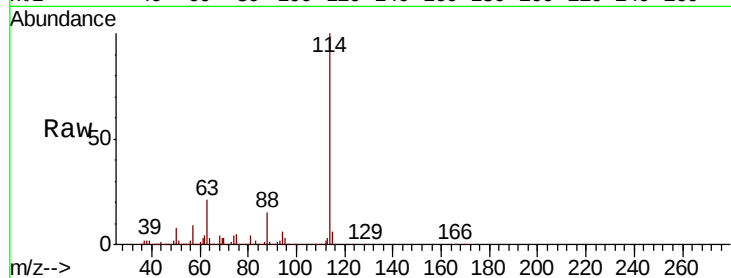
Tot Ion:114 Resp: 471272

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

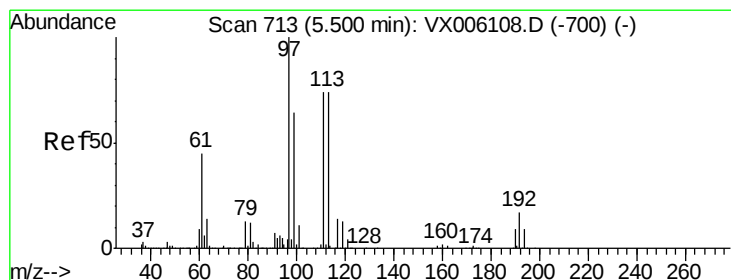
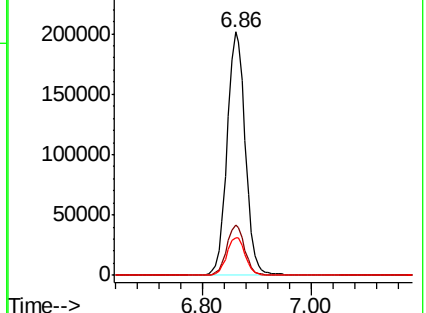
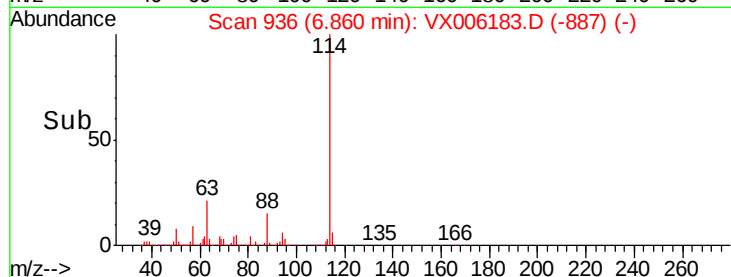
88 15.5 0.0 28.6



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: 52.894 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

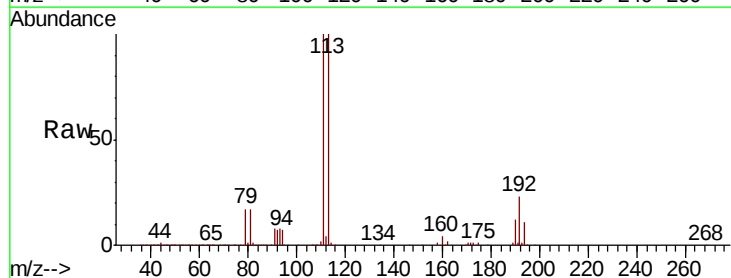
Tgt Ion:113 Resp: 160015

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

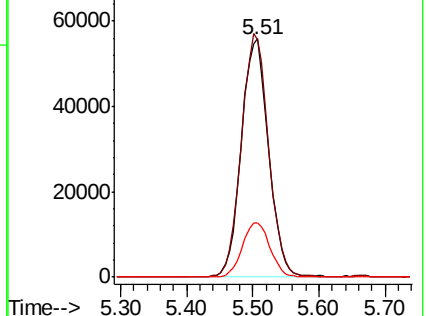
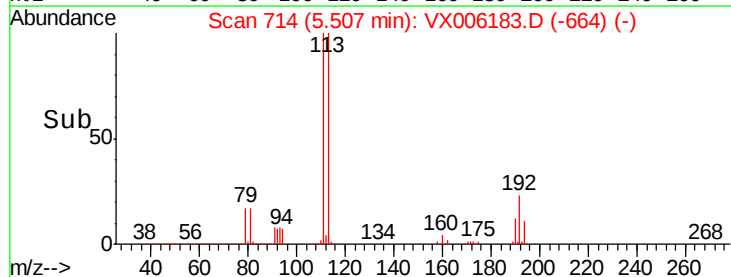
192 23.2 18.6 28.0

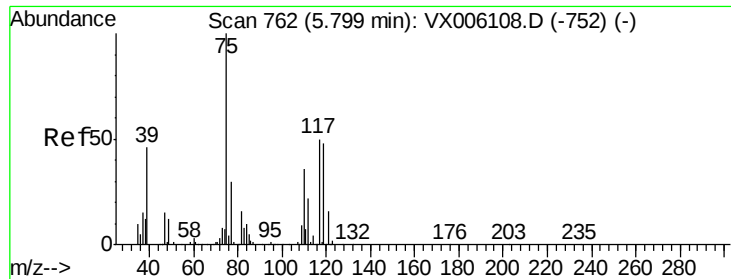


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.167 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#02

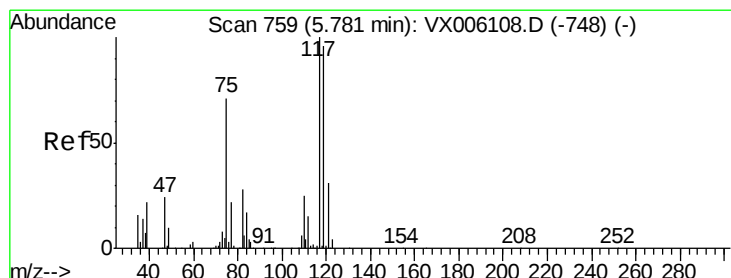
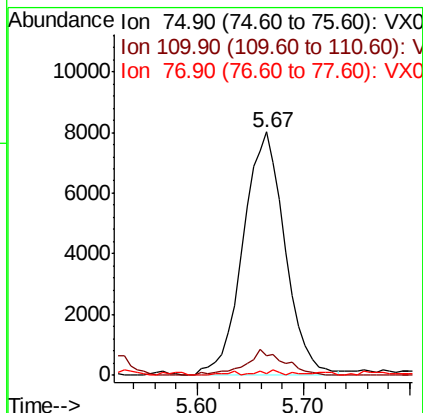
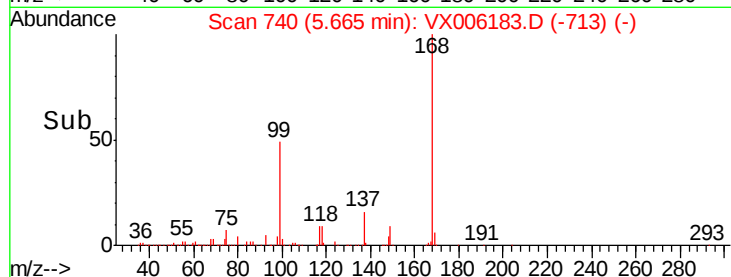
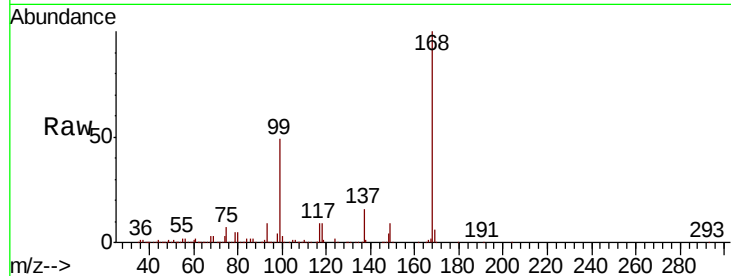
Tot Ion: 75 Resp: 22155

Ion Ratio Lower Upper

75 100

110 9.9 17.8 53.3#

77 1.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 7.266 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

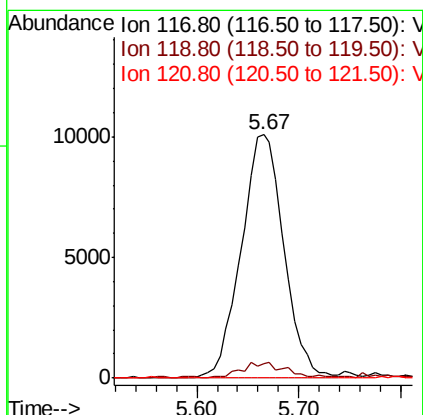
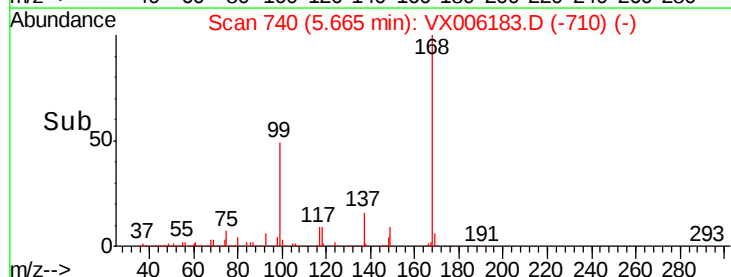
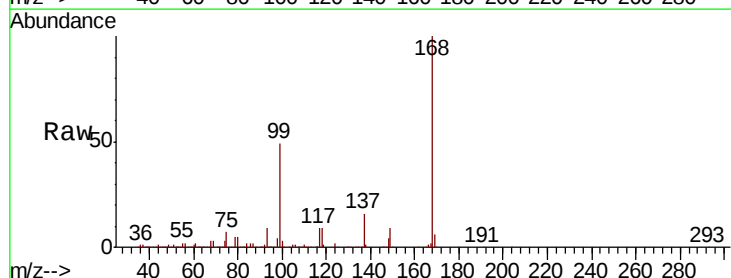
Tgt Ion: 117 Resp: 29279

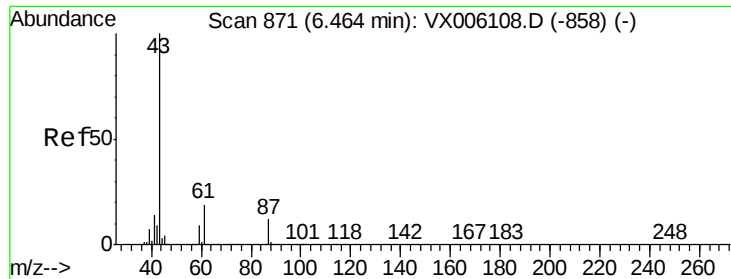
Ion Ratio Lower Upper

117 100

119 5.2 76.3 114.5#

121 0.0 24.7 37.1#



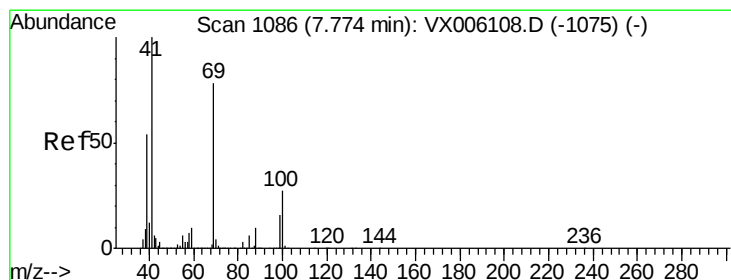
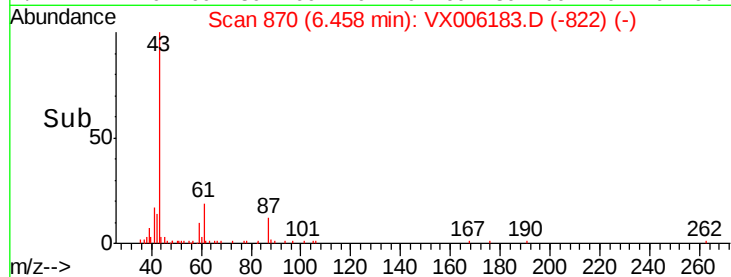
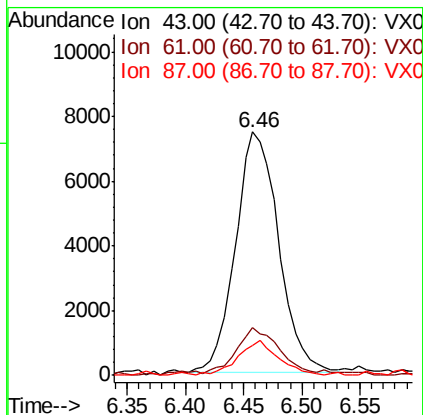
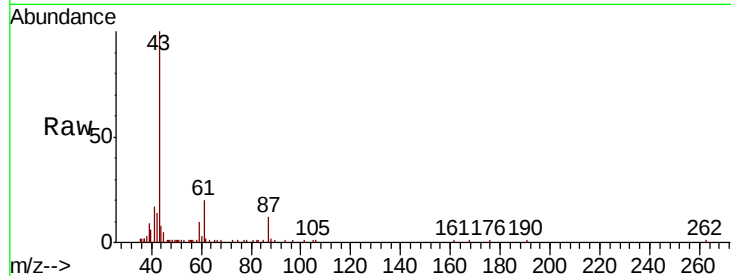


#43

Isopropyl Acetate
 Concen: 2.402 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006183.D
 Acq: 26 Nov 2018 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#02

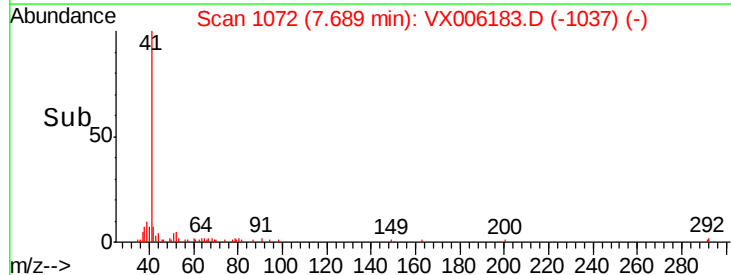
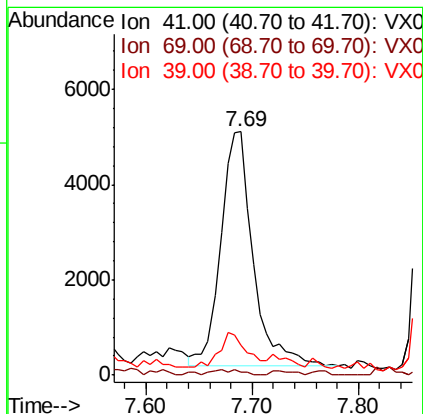
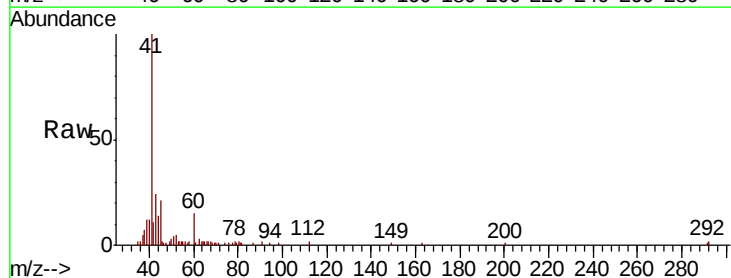
Tot Ion	43	Resp	19136
Ion Ratio	Lower	Upper	
43	100		
61	20.9	15.2	22.8
87	13.6	9.6	14.4

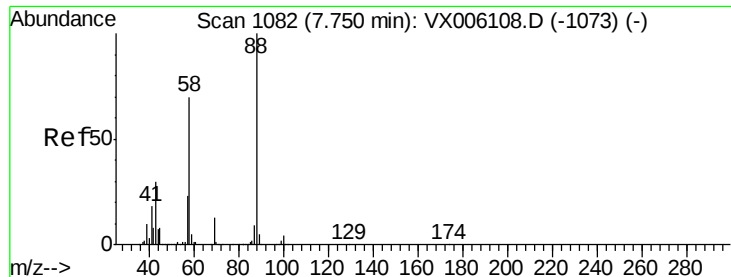


#48

Methyl methacrylate
 Concen: 2.590 ug/l
 RT: 7.69 min Scan# 1072
 Delta R.T. -0.09 min
 Lab File: VX006183.D
 Acq: 26 Nov 2018 18:45

Tgt Ion	41	Resp	10464
Ion Ratio	Lower	Upper	
41	100		
69	1.9	62.8	94.2#
39	0.0	43.8	65.6#

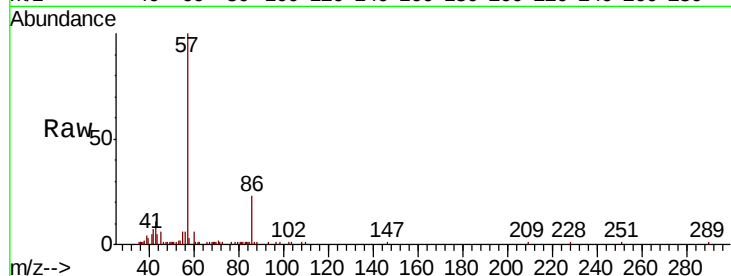




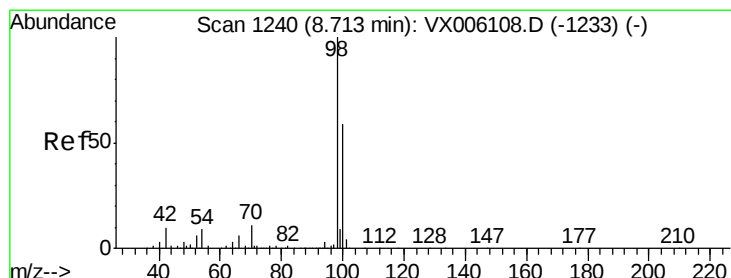
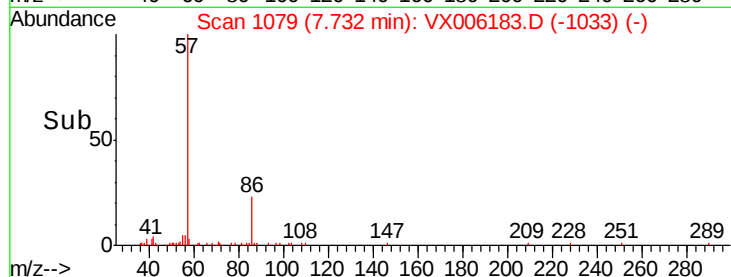
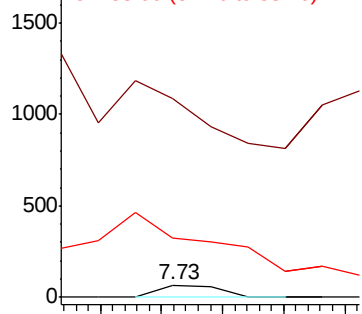
#49
 1,4-Dioxane
 Concen: 0.459 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: VX006183.D
 Acq: 26 Nov 2018 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#02

Tot Ion: 88 Resp: 44
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.7 40.1#
 58 1809.1 58.5 87.7#

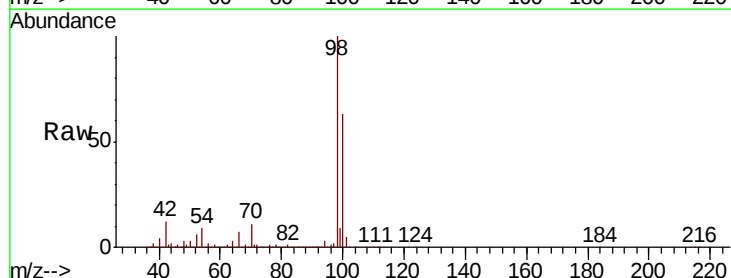


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

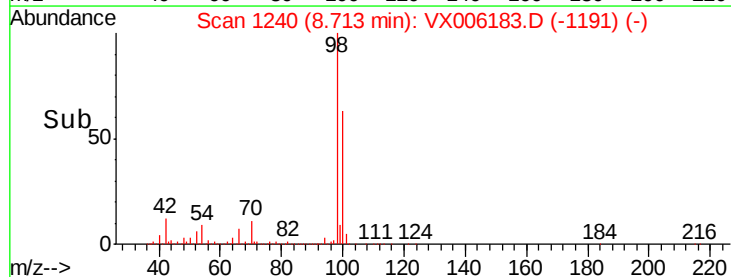
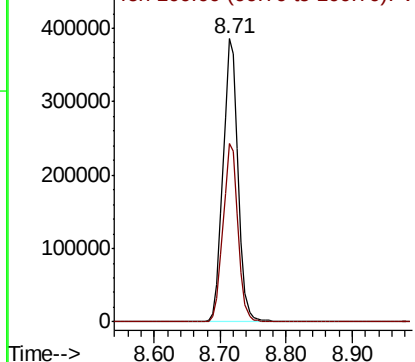


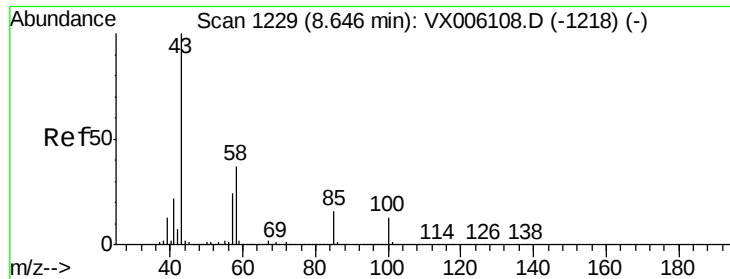
#50
 Toluene-d8
 Concen: 52.713 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006183.D
 Acq: 26 Nov 2018 18:45

Tgt Ion: 98 Resp: 608231
 Ion Ratio Lower Upper
 98 100
 100 62.7 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: 16.704 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

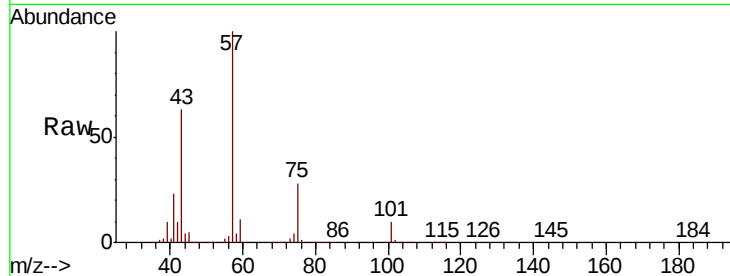
PB115023ZHE#02

Tot Ion: 43 Resp: 95395

Ion Ratio Lower Upper

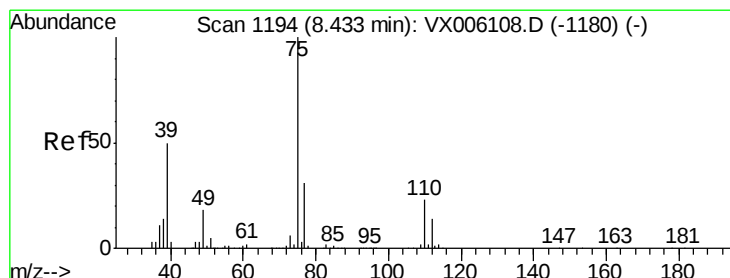
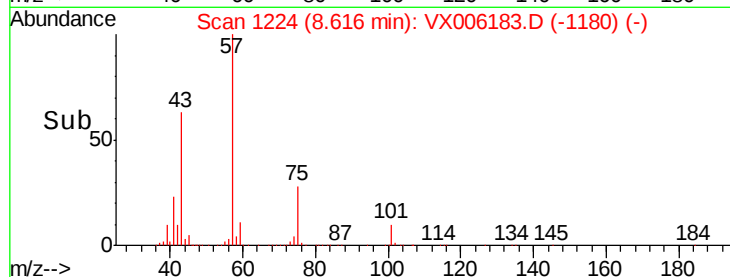
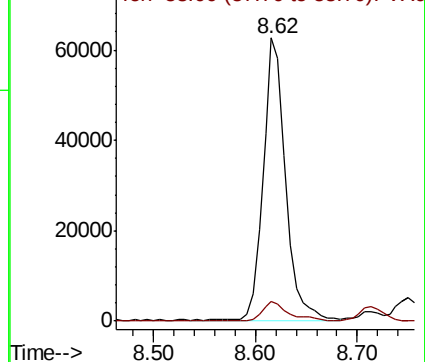
43 100

58 8.3 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 8.547 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

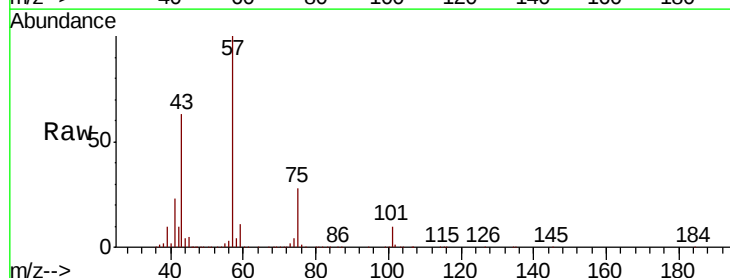
Tgt Ion: 75 Resp: 41749

Ion Ratio Lower Upper

75 100

77 0.7 24.7 37.1#

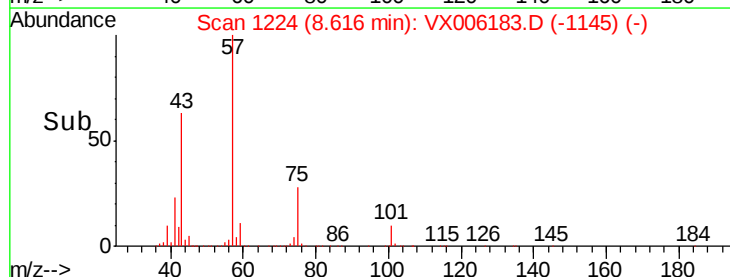
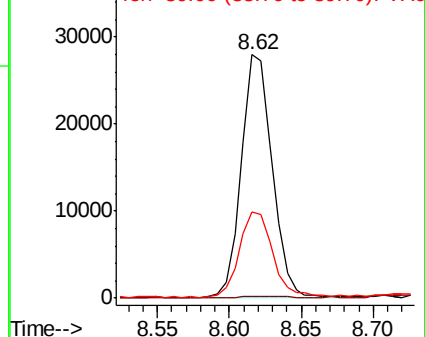
39 34.9 40.3 60.5#

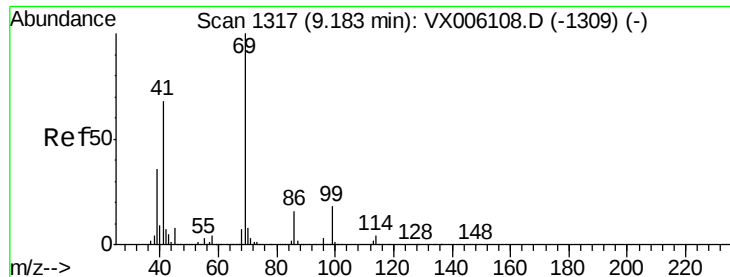


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 2.921 ug/l

RT: 9.15 min Scan# 1312

Delta R.T. -0.03 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#02

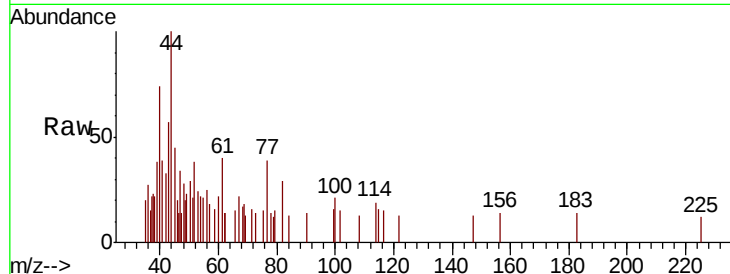
Tot Ion: 69 Resp: 310

Ion Ratio Lower Upper

69 100

41 0.0 56.2 84.4#

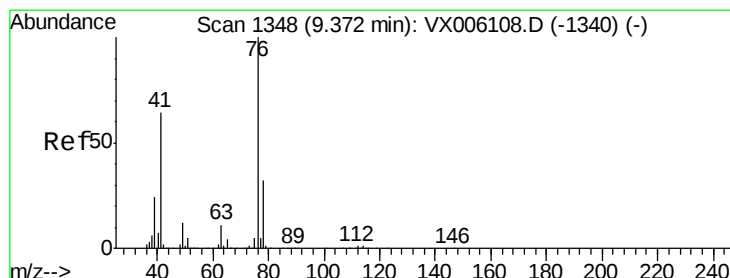
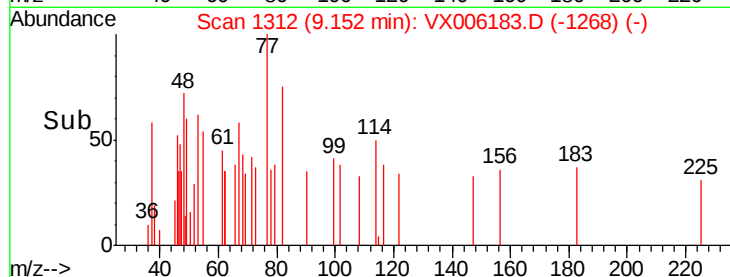
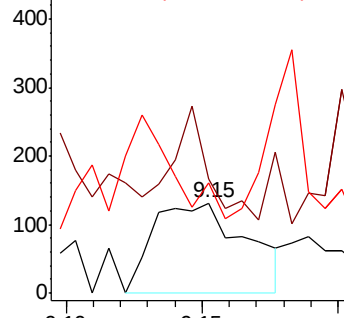
39 0.0 29.4 44.0#



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



#57

1,3-Dichloropropane

Concen: 2.008 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006183.D

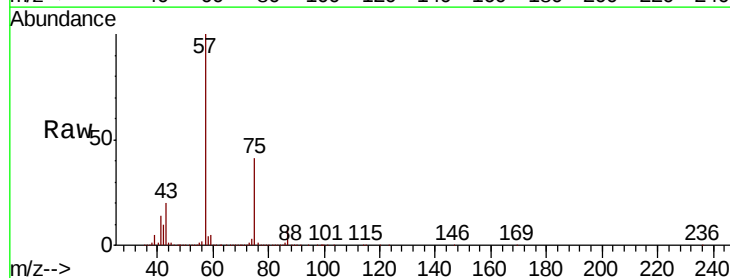
Acq: 26 Nov 2018 18:45

Tgt Ion: 76 Resp: 11198

Ion Ratio Lower Upper

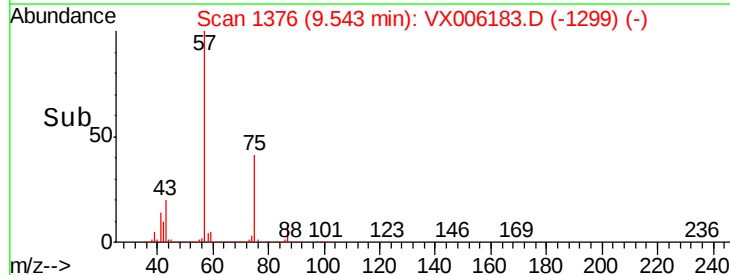
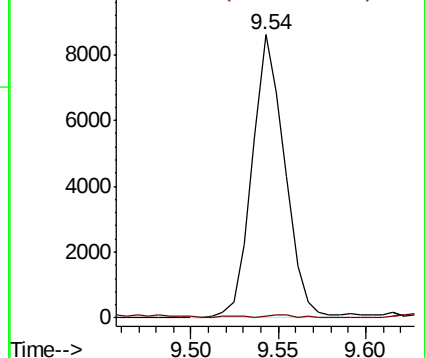
76 100

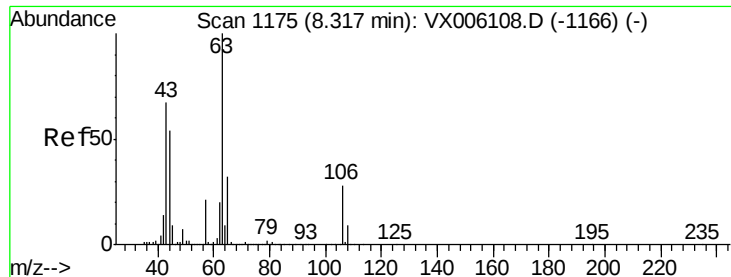
78 1.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

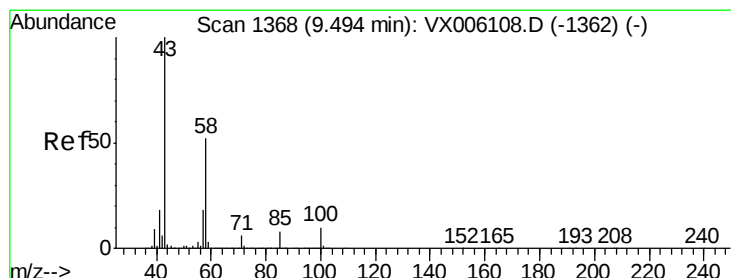
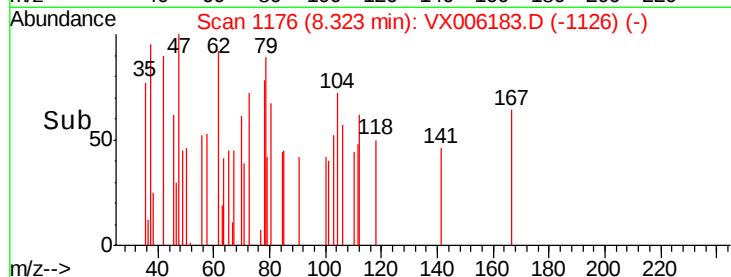
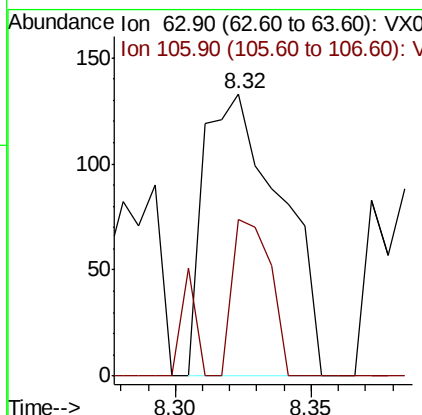
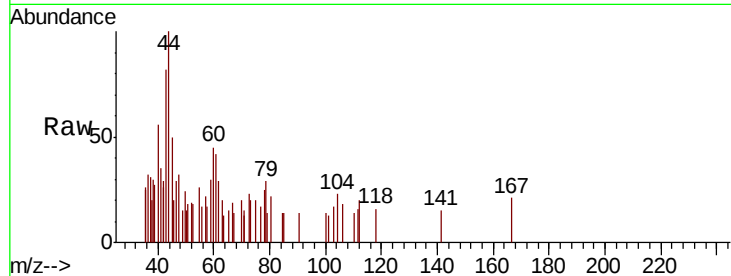




#58
 2-Chloroethyl Vinyl ether
 Concen: 6.808 ug/l
 RT: 8.32 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: VX006183.D
 Acq: 26 Nov 2018 18:45

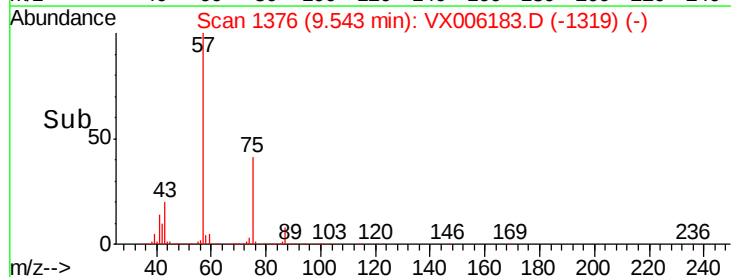
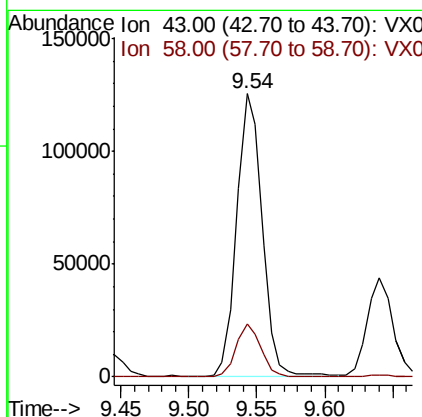
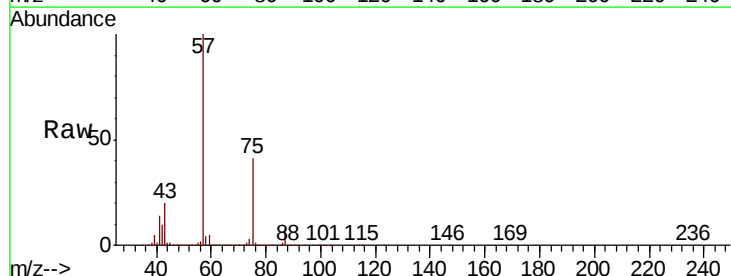
Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#02

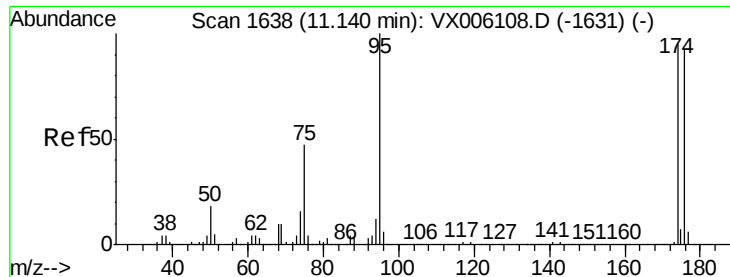
Tot Ion: 63 Resp: 260
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.7 32.5



#59
 2-Hexanone
 Concen: 35.971 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VX006183.D
 Acq: 26 Nov 2018 18:45

Tgt Ion: 43 Resp: 163029
 Ion Ratio Lower Upper
 43 100
 58 18.6 26.3 78.9#





#62

4-Bromofluorobenzene

Concen: 46.599 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#02

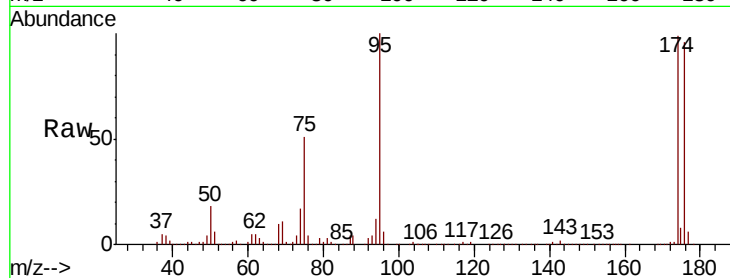
Tot Ion: 95 Resp: 201741

Ion Ratio Lower Upper

95 100

174 93.2 0.0 184.4

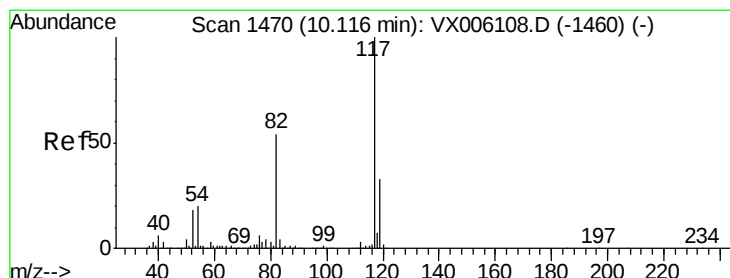
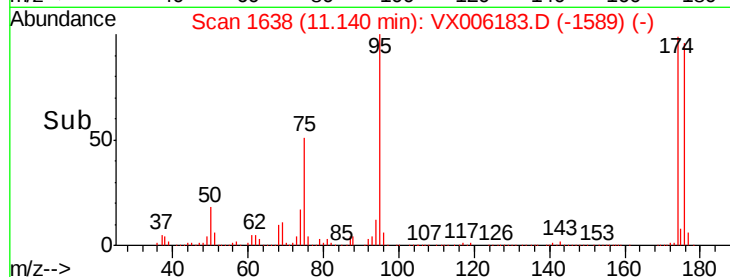
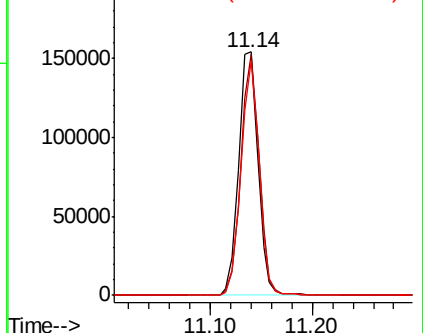
176 90.0 0.0 179.0



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: VX006183.D

Acq: 26 Nov 2018 18:45

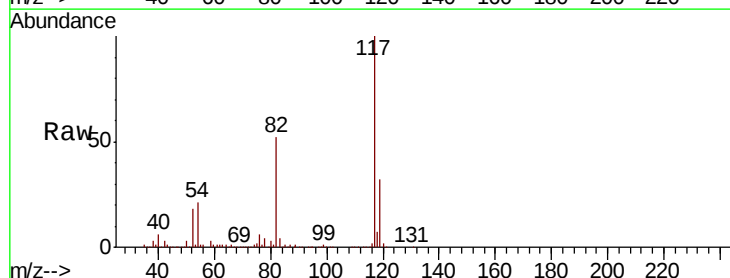
Tgt Ion: 117 Resp: 465189

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

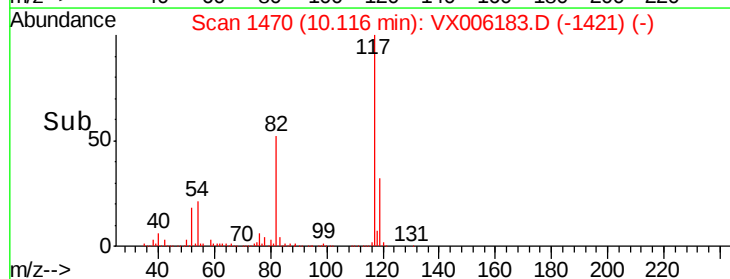
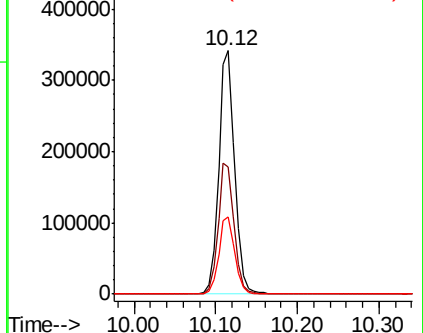
119 31.9 26.1 39.1

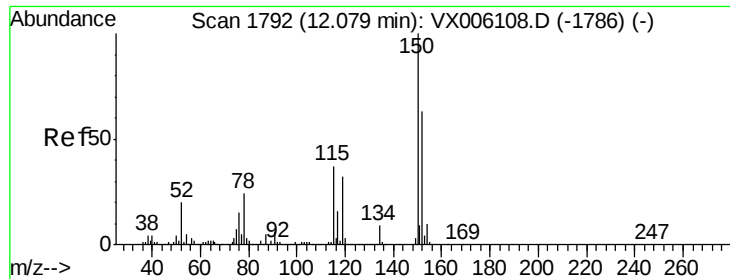


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

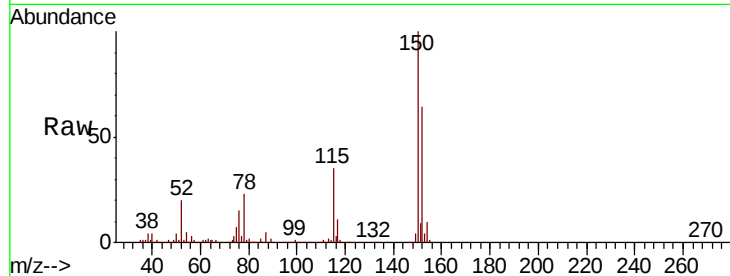




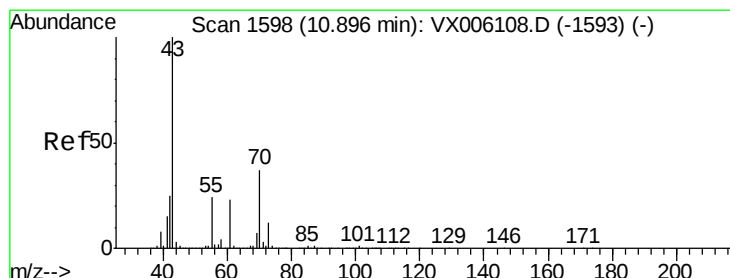
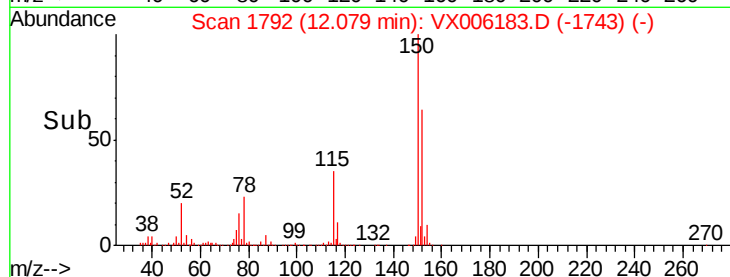
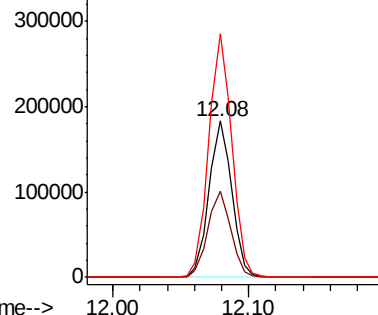
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006183.D
 Acq: 26 Nov 2018 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#02

Tot Ion:152 Resp: 214905
 Ion Ratio Lower Upper
 152 100
 115 55.5 39.0 116.9
 150 157.3 0.0 346.6

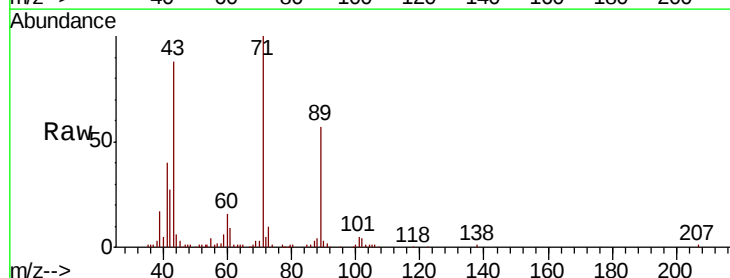


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

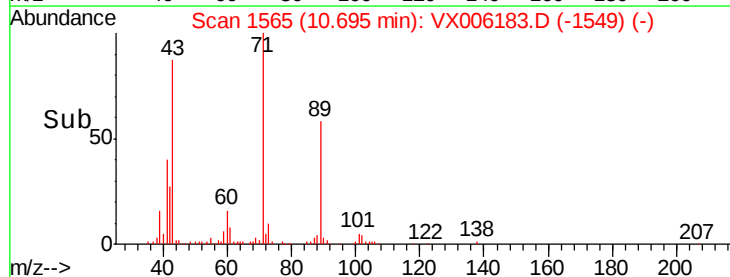
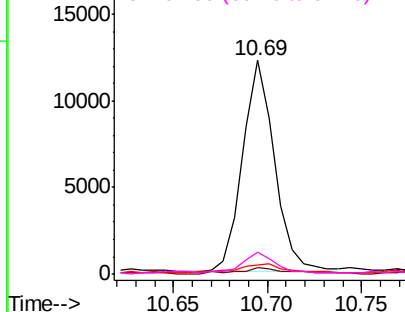


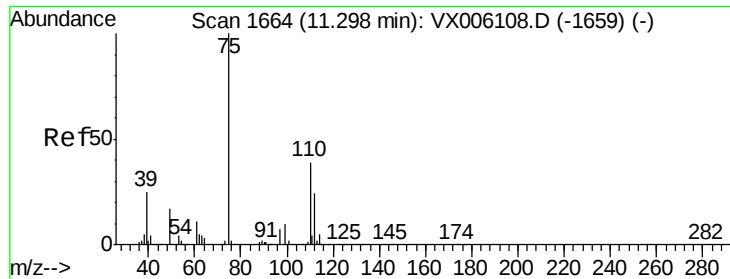
#74
 N-ethyl acetate
 Concen: 4.254 ug/l
 RT: 10.69 min Scan# 1565
 Delta R.T. -0.20 min
 Lab File: VX006183.D
 Acq: 26 Nov 2018 18:45

Tgt Ion: 43 Resp: 14290
 Ion Ratio Lower Upper
 43 100
 70 5.1 31.8 47.6#
 55 6.7 19.5 29.3#
 61 10.2 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

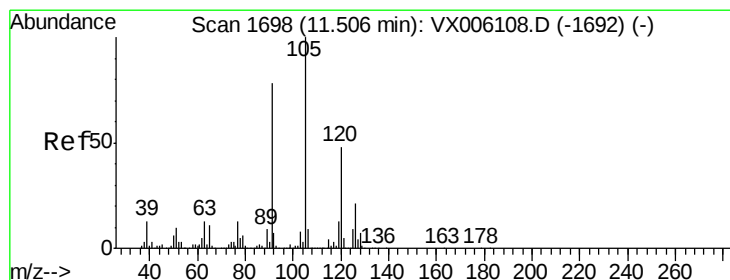
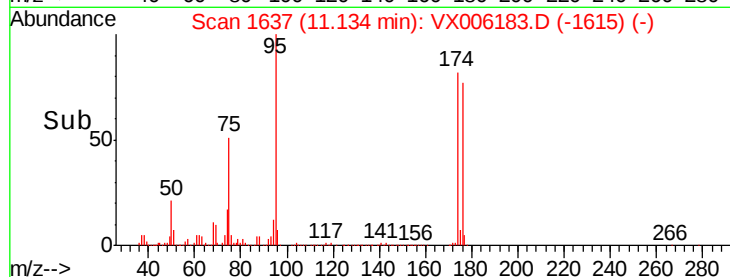
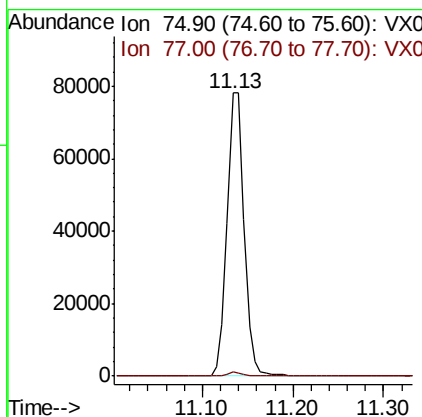
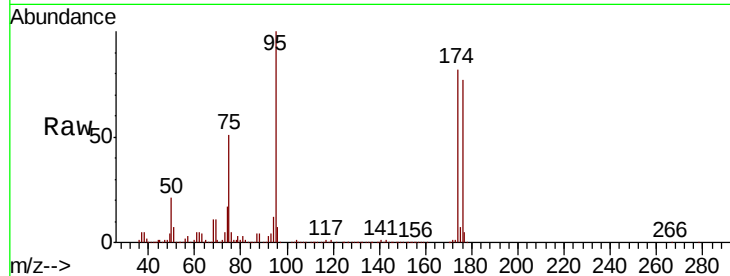




#76
 1,2,3-Trichloropropane
 Concen: 23.259 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006183.D
 Acq: 26 Nov 2018 18:45

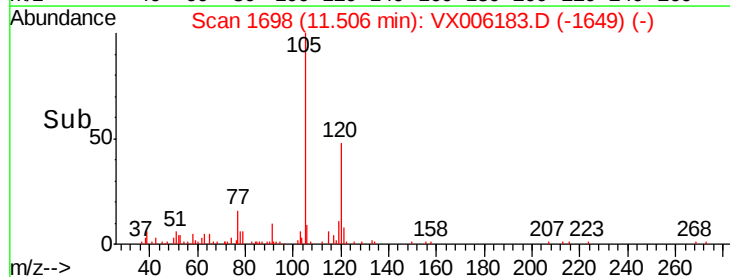
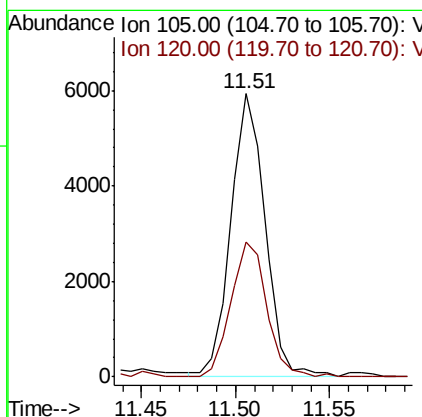
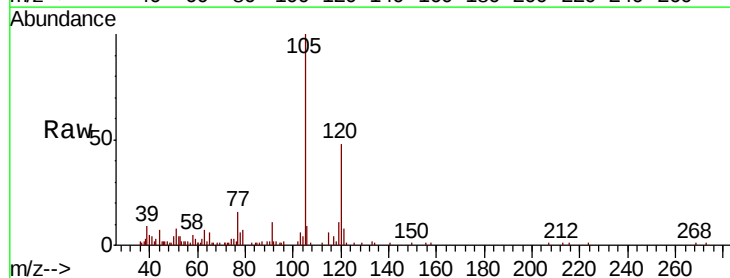
Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#02

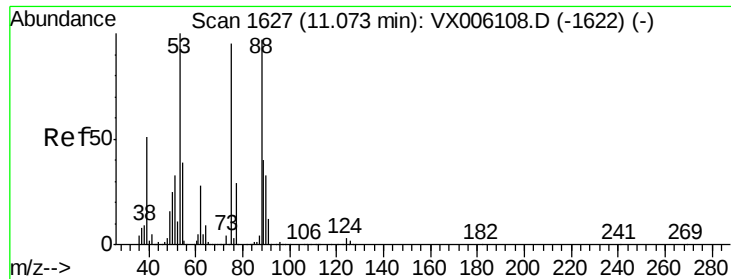
Tot Ion: 75 Resp: 102910
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.6 58.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.684 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006183.D
 Acq: 26 Nov 2018 18:45

Tgt Ion: 105 Resp: 7496
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 78.669 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006183.D

Acq: 26 Nov 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#02

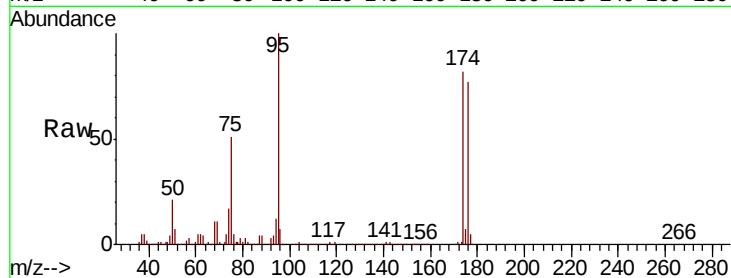
Tot Ion: 75 Resp: 102910

Ion Ratio Lower Upper

75 100

53 0.2 85.3 127.9#

89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

