

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006201.D
 Acq On : 27 Nov 2018 03:37
 Operator : JC/MD
 Sample : PB115023ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#04

Quant Time: Nov 28 12:59:44 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	267870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180621	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	172145	55.46	ug/l	0.00
Spiked Amount			Recovery	=	110.92%	
35) Dibromofluoromethane	5.50	113	137526	53.75	ug/l	0.00
Spiked Amount			Recovery	=	107.50%	
50) Toluene-d8	8.71	98	512384	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	11.14	95	165353	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1305	0.519	ug/l #	81
5) Bromomethane	1.62	94	104	3.764	ug/l #	72
6) Chloroethane	1.70	64	208	Below Cal	#	1
8) Diethyl Ether	2.20	74	328	0.232	ug/l #	1
13) Acrolein	2.29	56	189	0.478	ug/l #	13
14) Allyl chloride	2.85	41	159878	40.402	ug/l #	27
16) Acetone	2.44	43	16280	11.820	ug/l	94
17) Carbon Disulfide	2.57	76	2037	0.390	ug/l #	82
18) Methyl Acetate	2.78	43	5605	1.587	ug/l #	87
20) Methylene Chloride	2.86	84	3608655	1742.766	ug/l	97
25) 2-Butanone	4.70	43	1963	0.768	ug/l	91
29) Tetrahydrofuran	5.15	42	962	0.603	ug/l #	60
30) Chloroform	5.21	83	1807	0.374	ug/l	91
36) 1,1-Dichloropropene	5.67	75	19818	5.465	ug/l #	50
37) Ethyl Acetate	4.85	43	1006	0.216	ug/l #	77
38) Carbon Tetrachloride	5.67	117	24483	7.184	ug/l #	19
40) Benzene	6.15	78	6070	0.568	ug/l	91
43) Isopropyl Acetate	6.46	43	9183	1.363	ug/l #	93
48) Methyl methacrylate	7.68	41	5409	1.583	ug/l #	22
49) 1,4-Dioxane	7.73	88	51	0.629	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	43794	9.067	ug/l #	49
52) Toluene	8.79	92	2727	0.413	ug/l	82
54) cis-1,3-Dichloropropene	8.62	75	18577	4.497	ug/l #	72
56) Ethyl methacrylate	9.21	69	120	2.891	ug/l #	23
58) 2-Chloroethyl Vinyl ether	8.18	63	113	6.766	ug/l	97
59) 2-Hexanone	9.54	43	20162	5.260	ug/l #	53
67) Ethyl Benzene	10.26	91	2776	0.212	ug/l #	86
68) m/p-Xylenes	10.36	106	2936	0.576	ug/l	99
69) o-Xylene	10.69	106	1206	0.248	ug/l	95
74) N-amyl acetate	10.89	43	326	2.248	ug/l #	70
76) 1,2,3-Trichloropropane	11.13	75	86117	23.158	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	2720	0.295	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	86117	78.327	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.81	105	5805	0.618	ug/l	97

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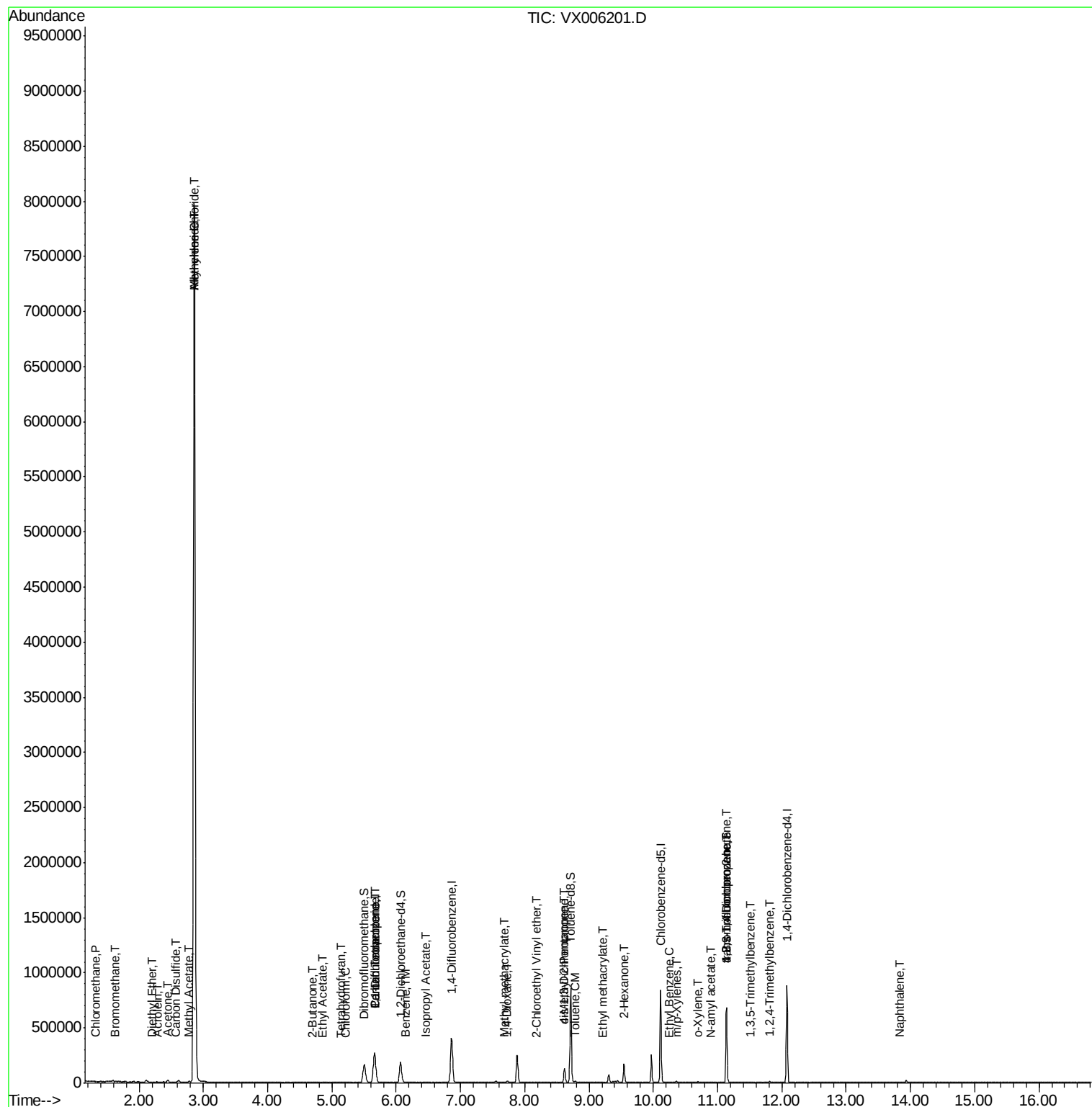
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	5503	0.460	ug/l #	94

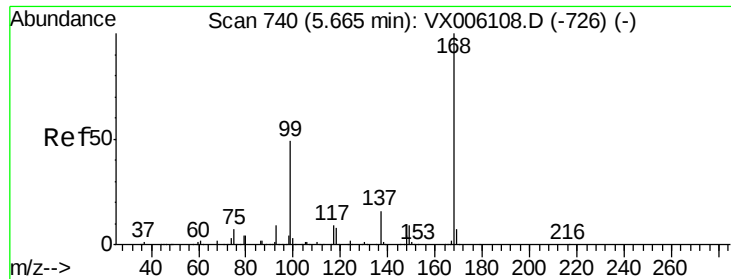
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

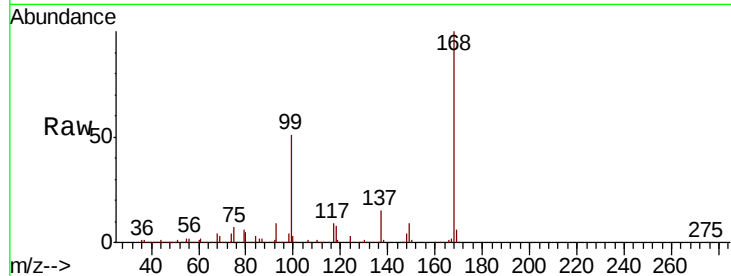
PB115023ZHE#04

Tot Ion:168 Resp: 267870

Ion Ratio Lower Upper

168 100

99 50.6 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

80000

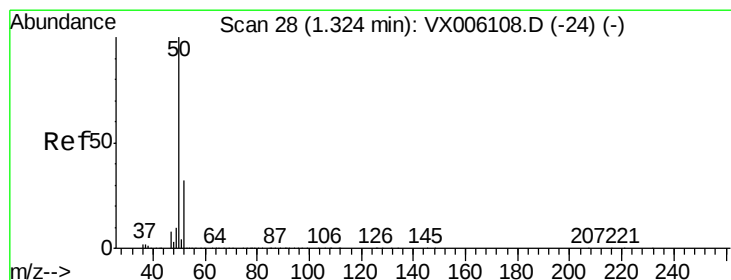
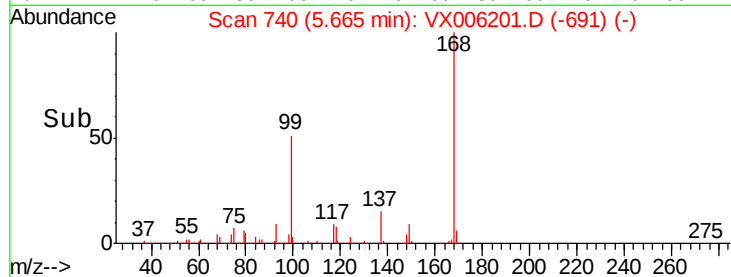
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.519 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006201.D

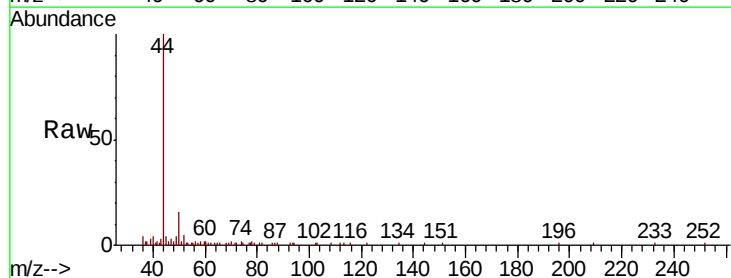
Acq: 27 Nov 2018 03:37

Tgt Ion: 50 Resp: 1305

Ion Ratio Lower Upper

50 100

52 21.5 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

1200

1000

800

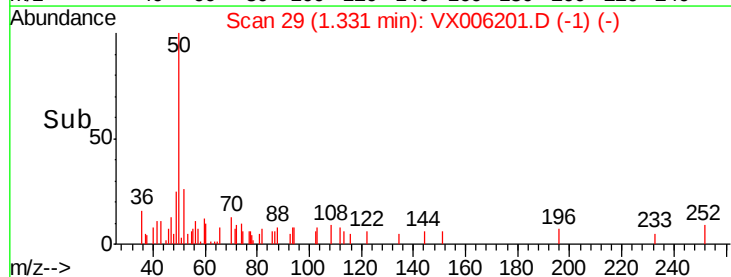
600

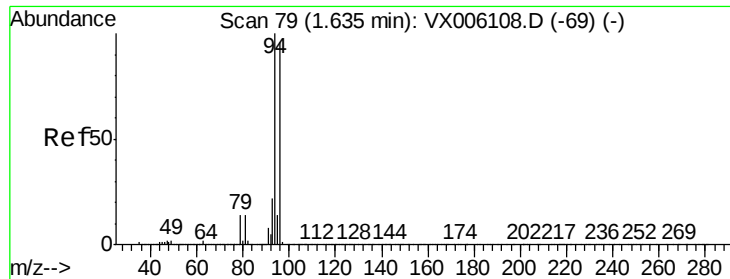
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 3.764 ug/l

RT: 1.62 min Scan# 77

Delta R.T. -0.01 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

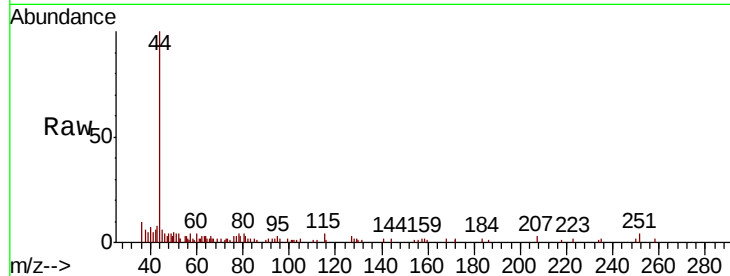
PB115023ZHE#04

Tot Ion: 94 Resp: 104

Ion Ratio Lower Upper

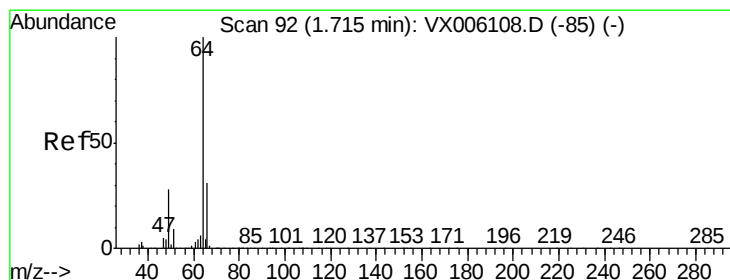
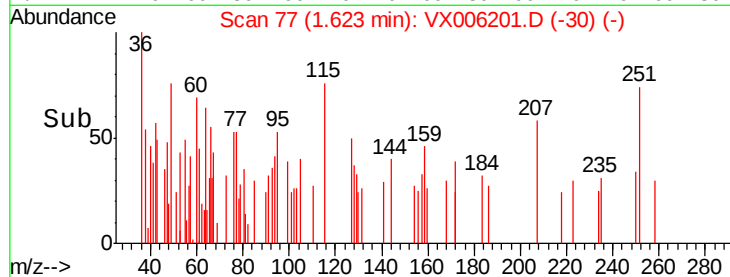
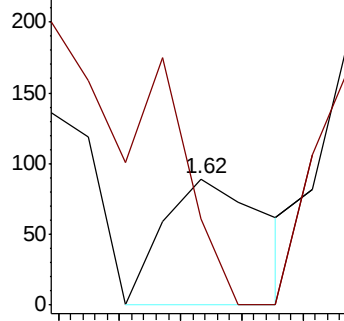
94 100

96 68.5 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: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX006201.D

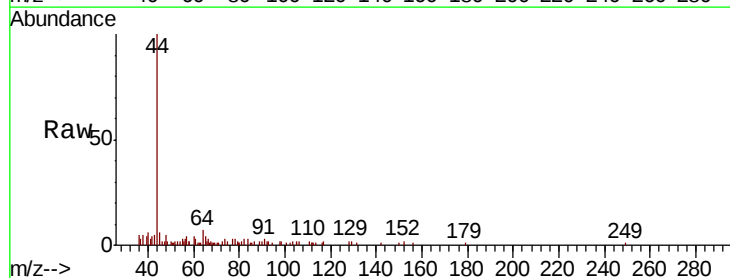
Acq: 27 Nov 2018 03:37

Tgt Ion: 64 Resp: 208

Ion Ratio Lower Upper

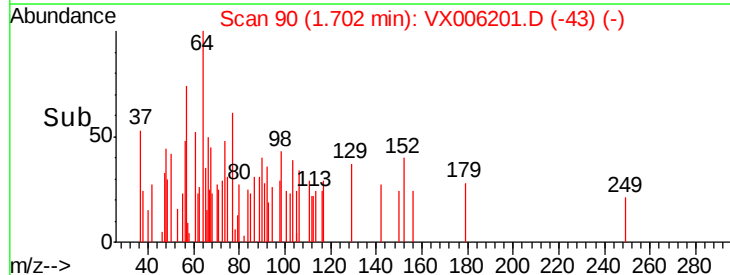
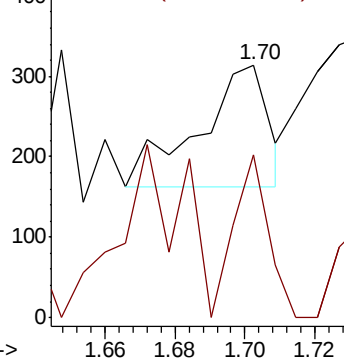
64 100

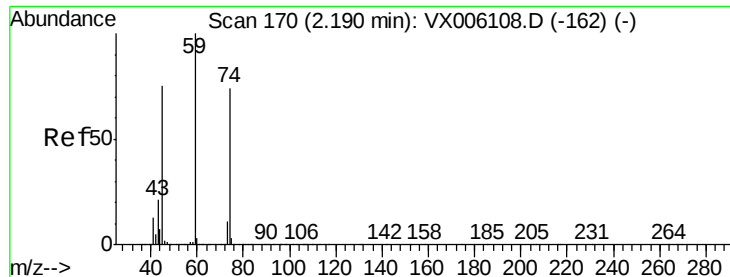
66 91.4 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

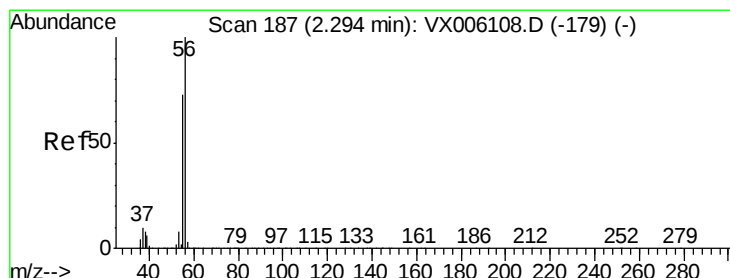
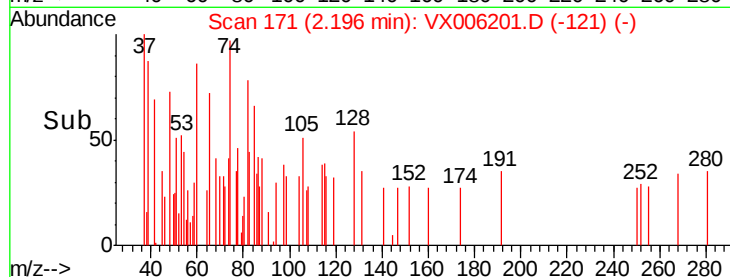
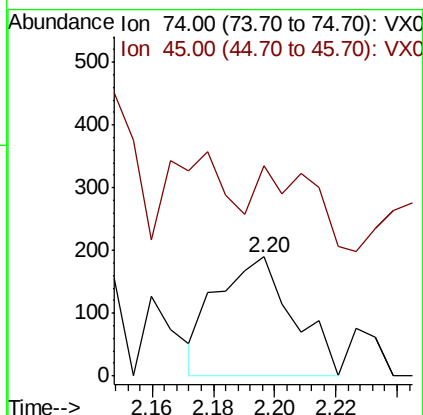
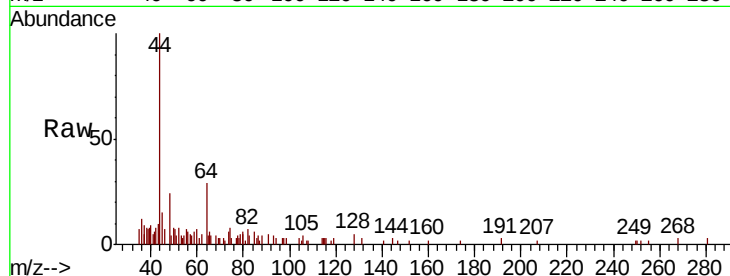




#8
Diethyl Ether
Concen: 0.232 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

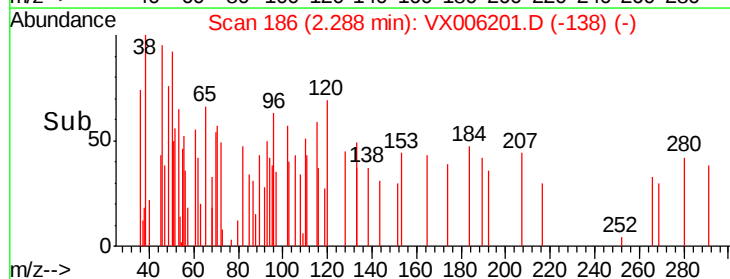
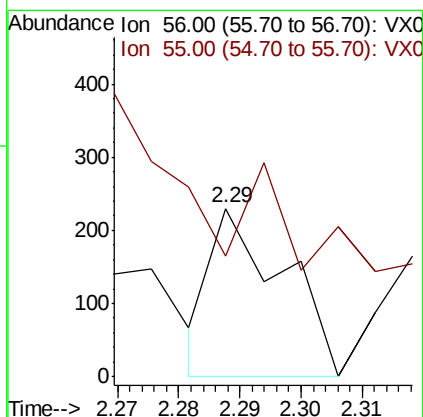
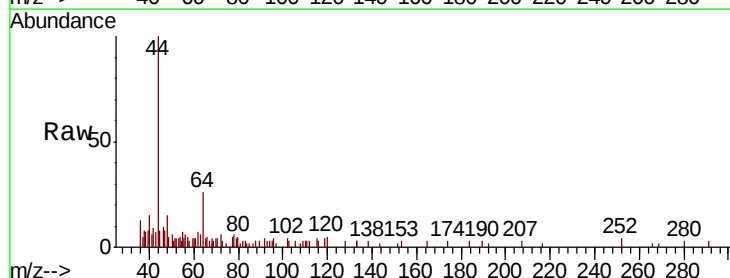
Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#04

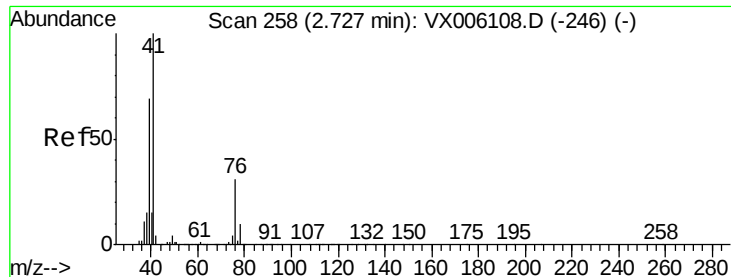
Tot Ion: 74 Resp: 328
Ion Ratio Lower Upper
74 100
45 0.0 52.2 156.6#



#13
Acrolein
Concen: 0.478 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 0.0 57.8 86.6#





#14

Allvl chloride

Concen: 40.402 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.13 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#04

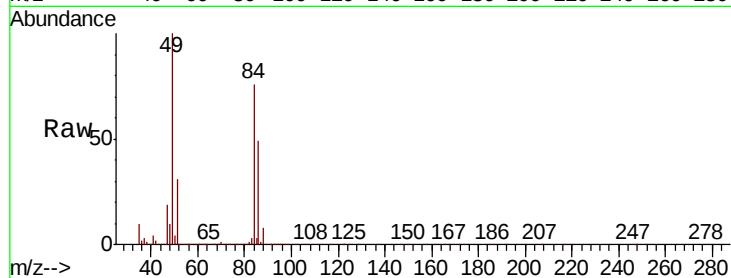
Tot Ion: 41 Resp: 159878

Ion Ratio Lower Upper

41 100

39 1.0 52.5 78.7#

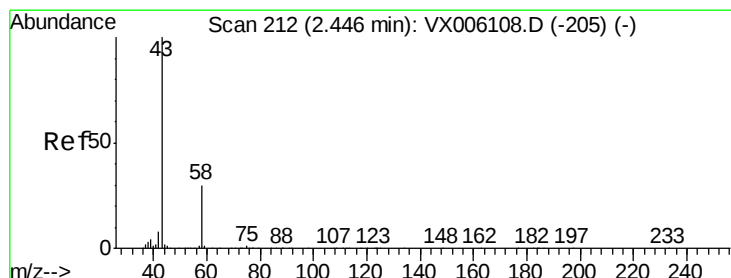
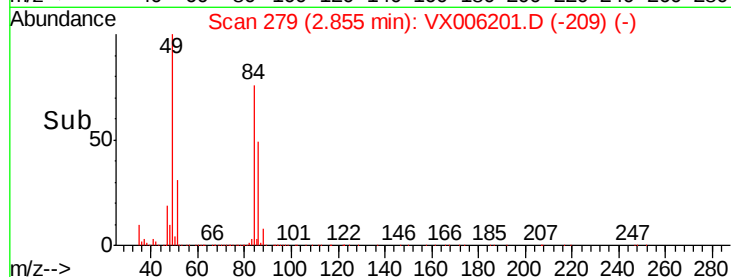
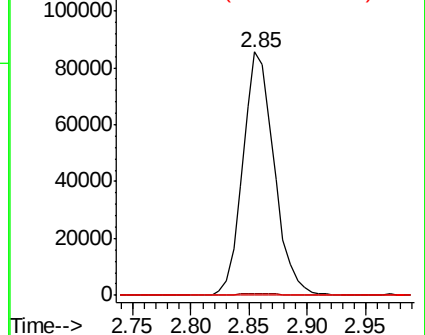
76 0.1 23.4 35.2#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 11.820 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006201.D

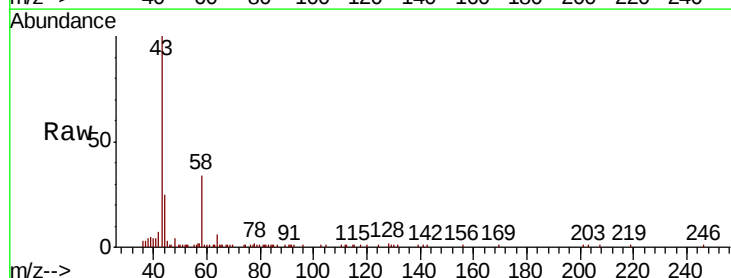
Acq: 27 Nov 2018 03:37

Tgt Ion: 43 Resp: 16280

Ion Ratio Lower Upper

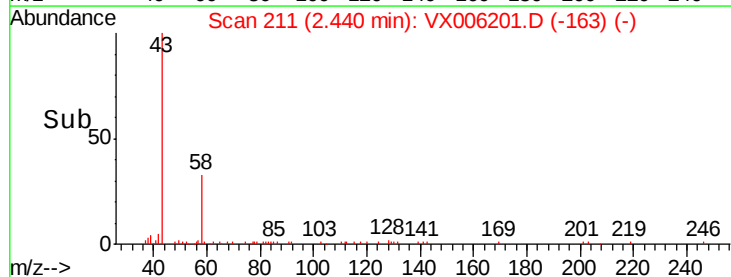
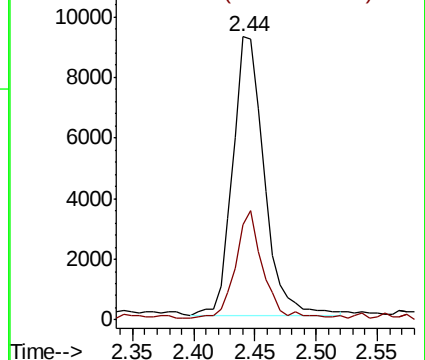
43 100

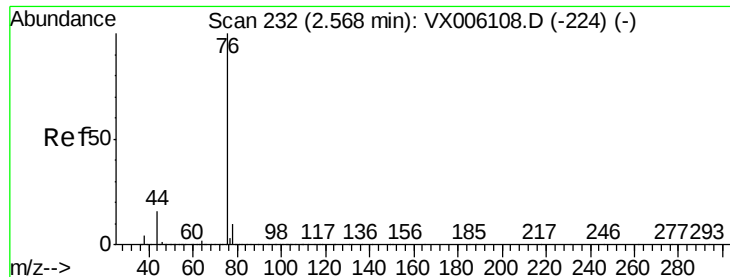
58 33.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.390 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

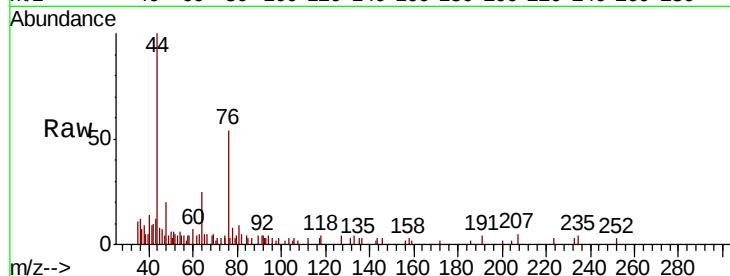
PB115023ZHE#04

Tot Ion: 76 Resp: 2037

Ion Ratio Lower Upper

76 100

78 16.2 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

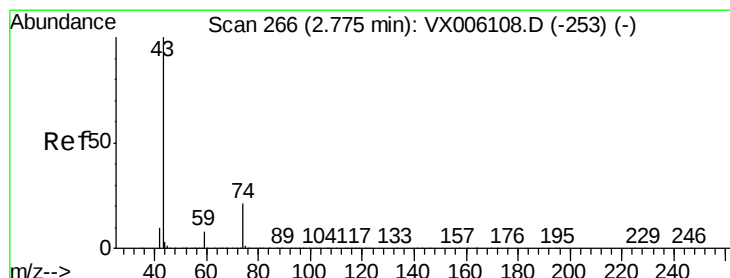
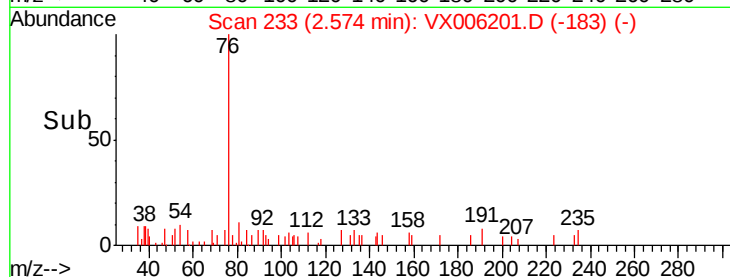
2.57

1000

500

0

Time--> 2.50 2.55 2.60



#18

Methyl Acetate

Concen: 1.587 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006201.D

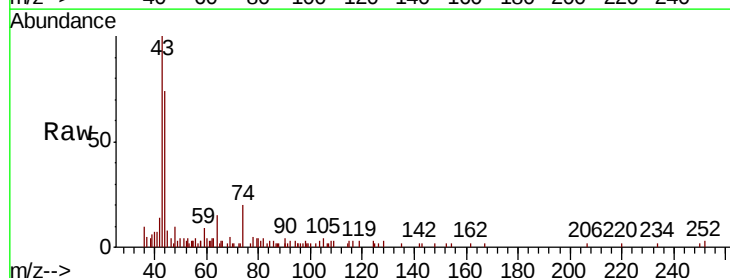
Acq: 27 Nov 2018 03:37

Tgt Ion: 43 Resp: 5605

Ion Ratio Lower Upper

43 100

74 27.7 17.3 25.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

10000

8000

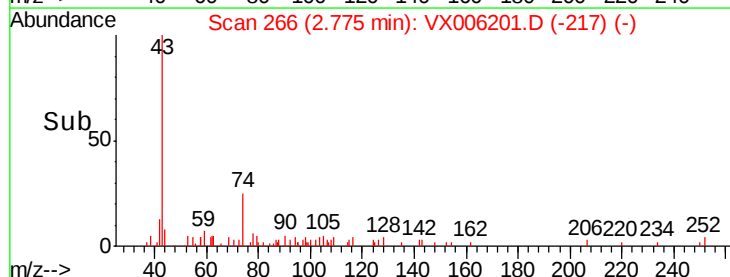
6000

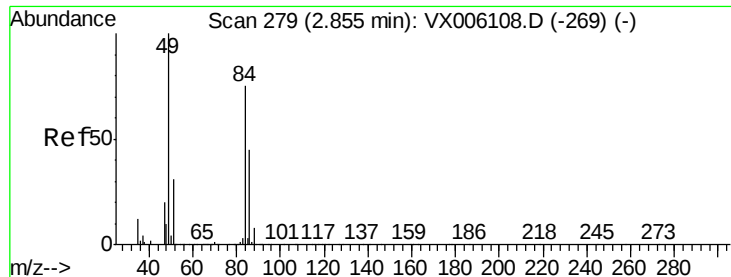
4000

2000

0

Time--> 2.70 2.75 2.80



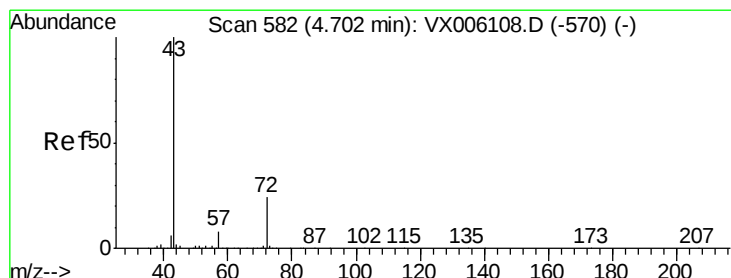
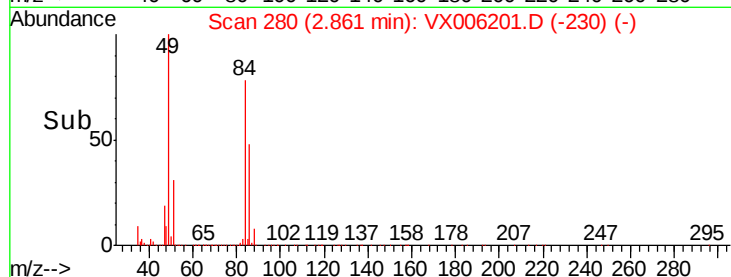
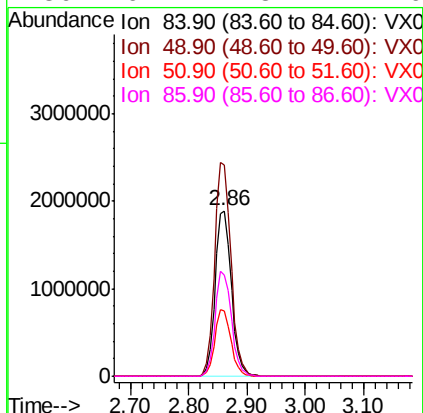
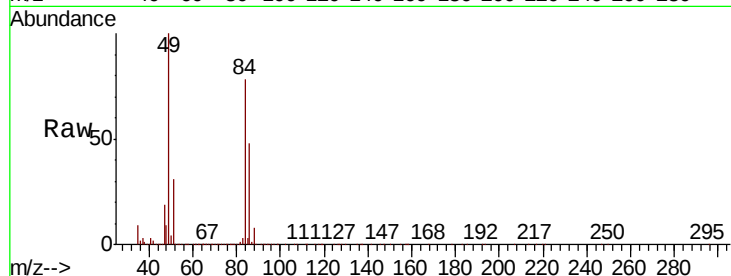


#20
Methvlene Chloride
Concen: 1742.766 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#04

Tot Ion: 84 Resp: 3608655

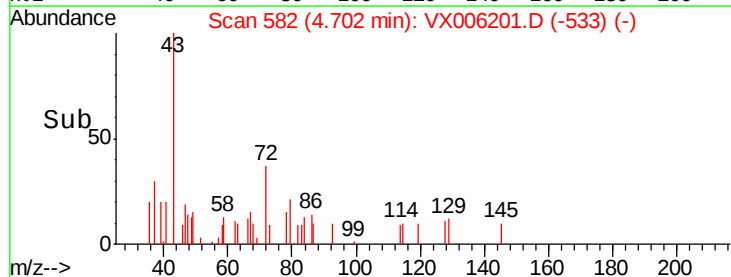
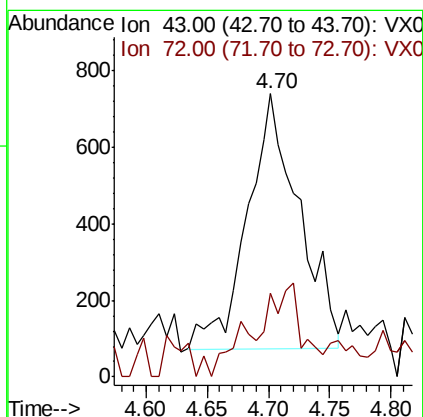
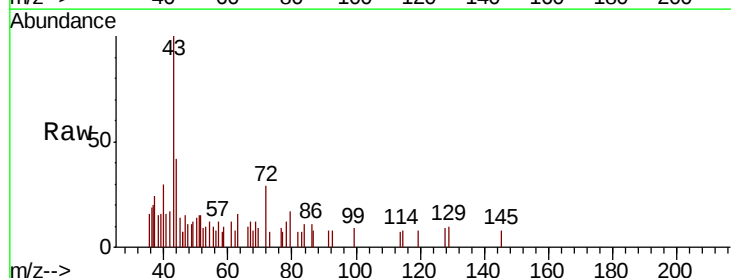
Ion	Ratio	Lower	Upper
84	100		
49	127.7	106.6	159.8
51	39.8	32.6	49.0
86	61.2	48.4	72.6

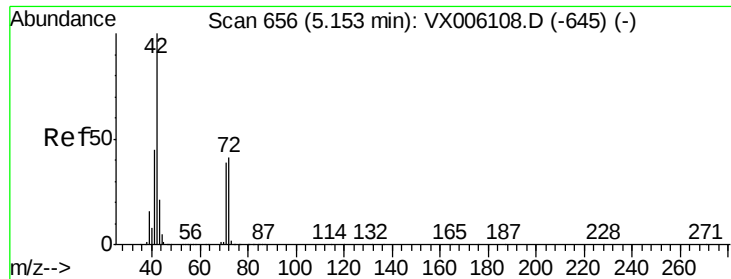


#25
2-Butanone
Concen: 0.768 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

Tgt Ion: 43 Resp: 1963

Ion	Ratio	Lower	Upper
43	100		
72	19.4	19.2	28.8





#29

Tetrahydrofuran

Concen: 0.603 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#04

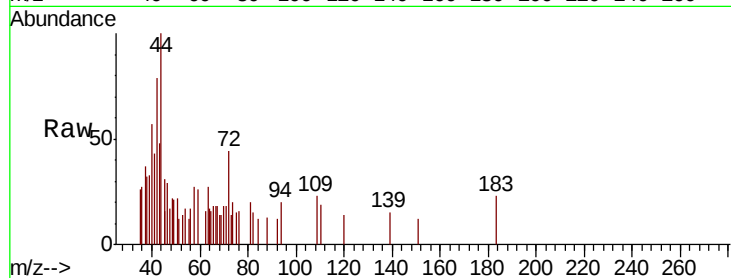
Tot Ion: 42 Resp: 962

Ion Ratio Lower Upper

42 100

72 66.8 33.0 49.6#

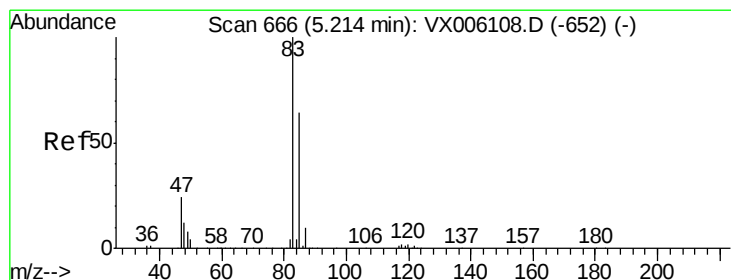
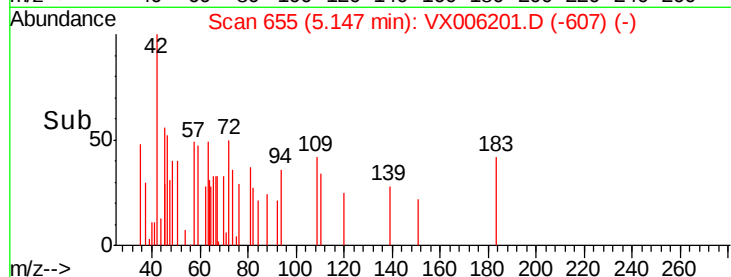
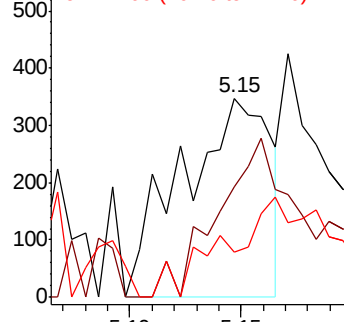
71 62.4 31.0 46.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.374 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX006201.D

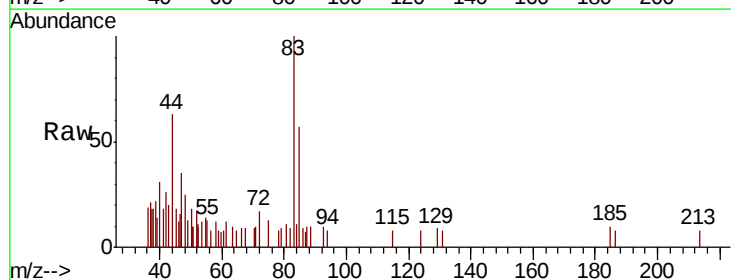
Acq: 27 Nov 2018 03:37

Tgt Ion: 83 Resp: 1807

Ion Ratio Lower Upper

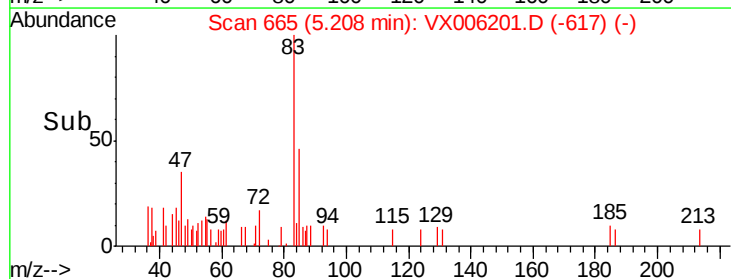
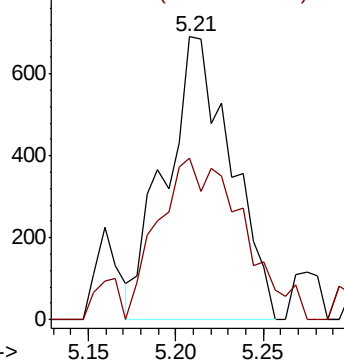
83 100

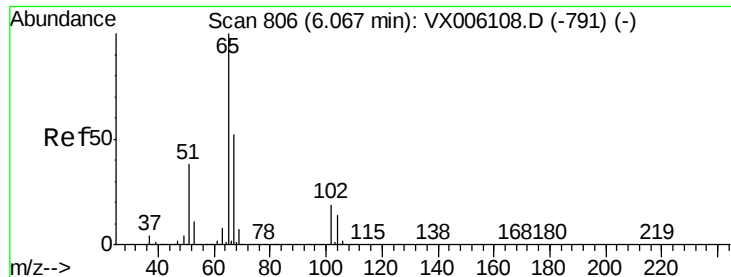
85 57.0 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

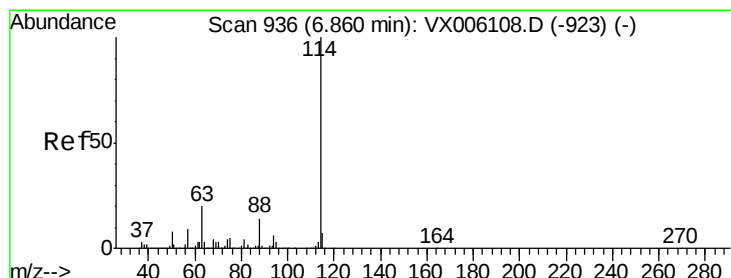
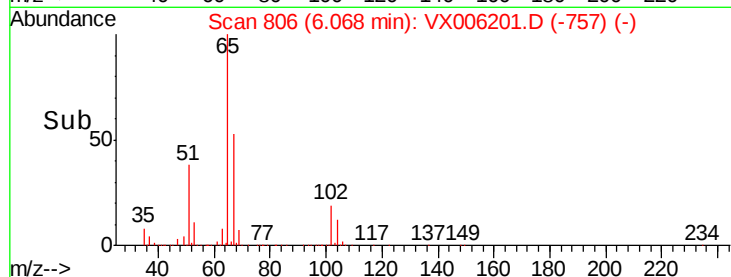
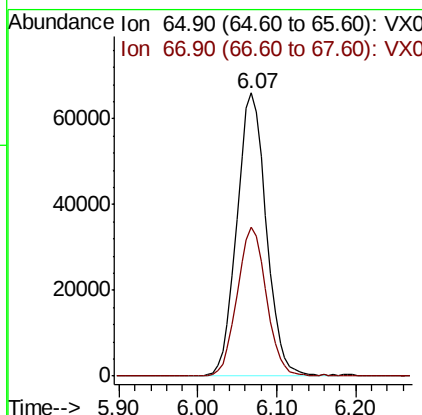
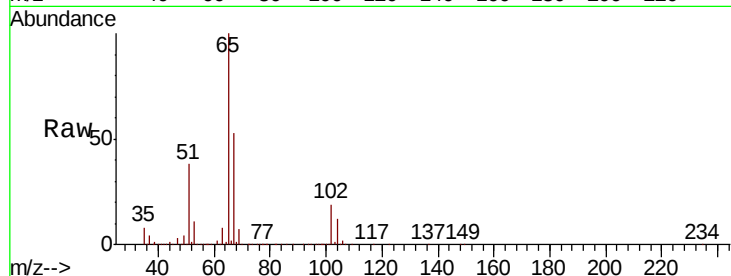




#33
 1,2-Dichloroethane-d4
 Concen: 55.460 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006201.D
 Acq: 27 Nov 2018 03:37

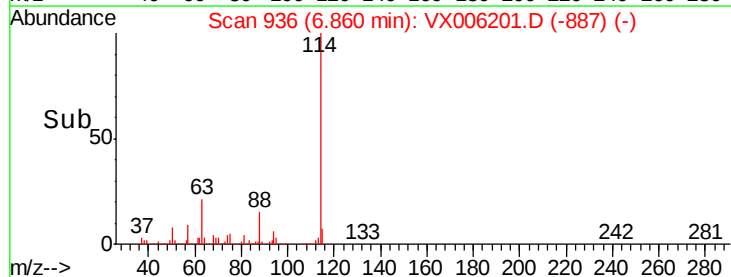
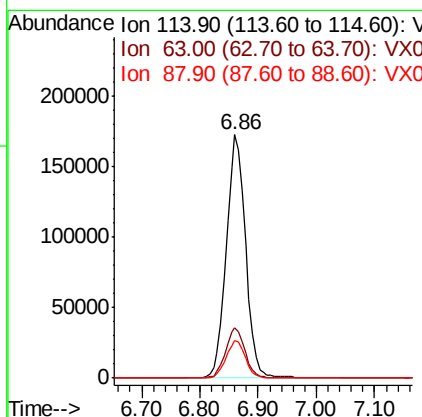
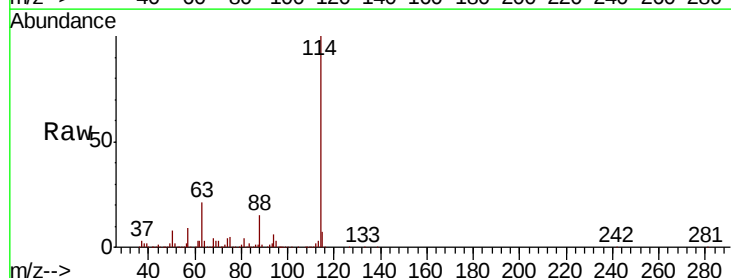
Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#04

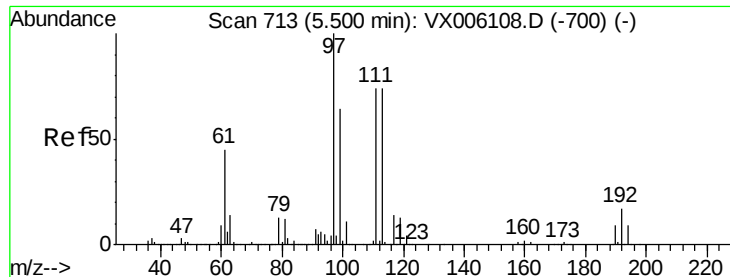
Tot Ion: 65 Resp: 172145
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006201.D
 Acq: 27 Nov 2018 03:37

Tgt Ion: 114 Resp: 398574
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 15.2 0.0 28.6





#35

Dibromofluoromethane

Concen: 53.752 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#04

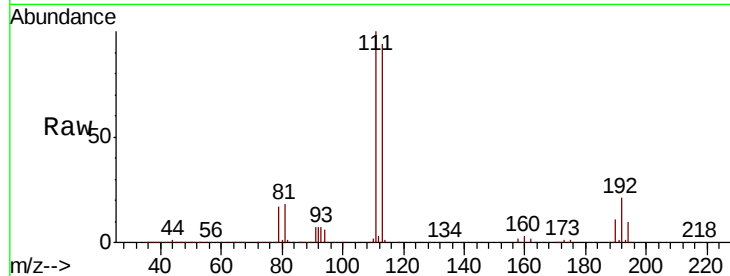
Tot Ion:113 Resp: 137526

Ion Ratio Lower Upper

113 100

111 103.8 81.5 122.3

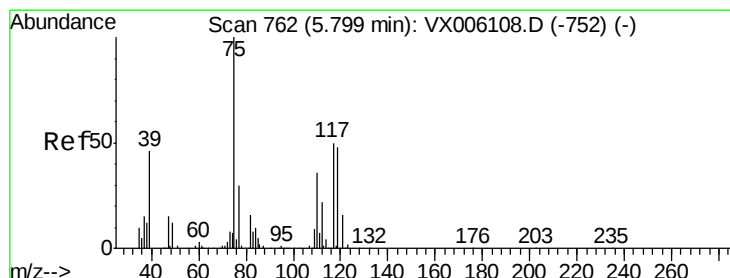
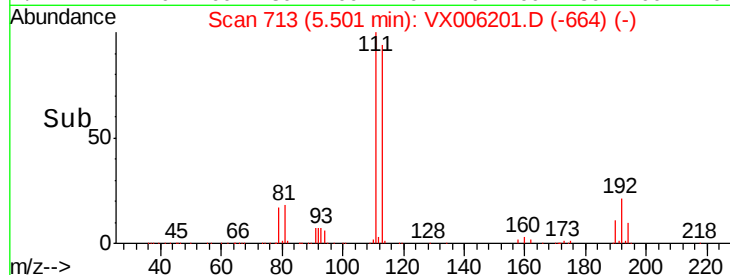
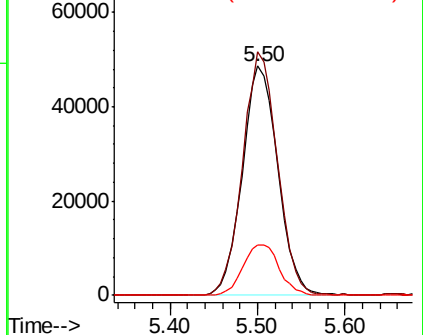
192 22.6 18.6 28.0



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: 5.465 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

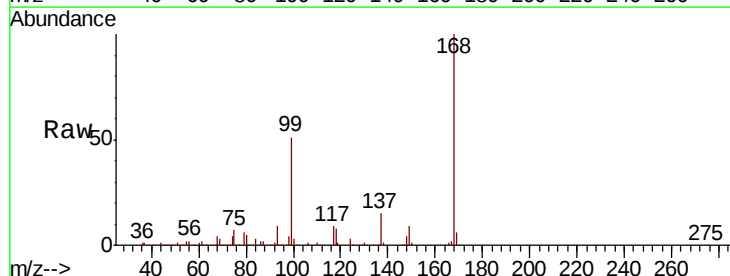
Tgt Ion: 75 Resp: 19818

Ion Ratio Lower Upper

75 100

110 9.2 17.8 53.3#

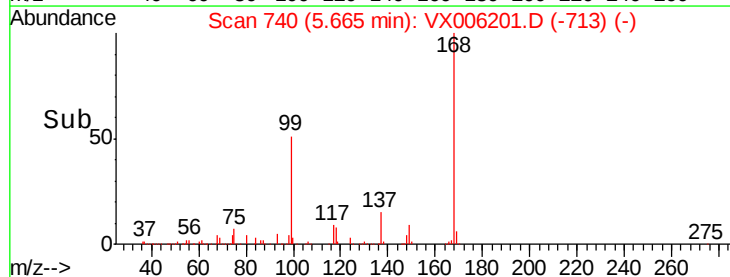
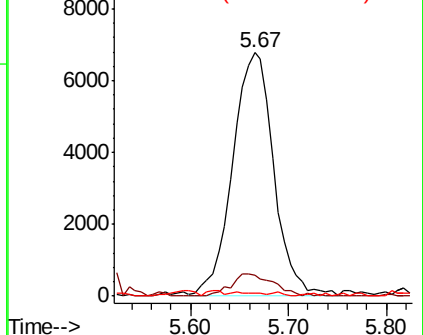
77 0.3 24.5 36.7#

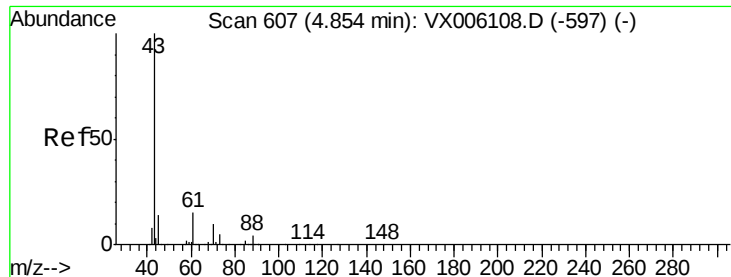


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

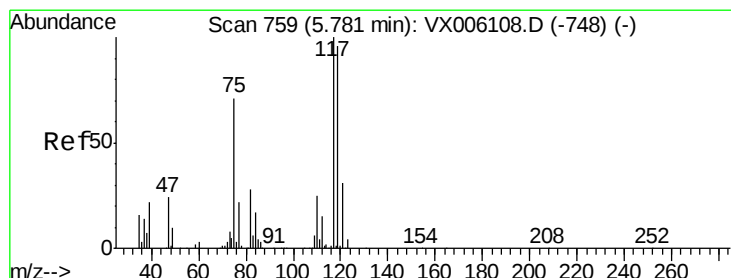
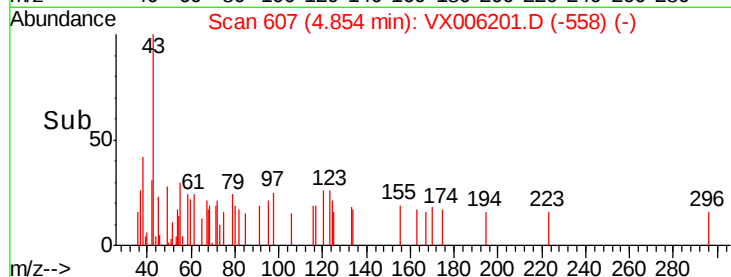
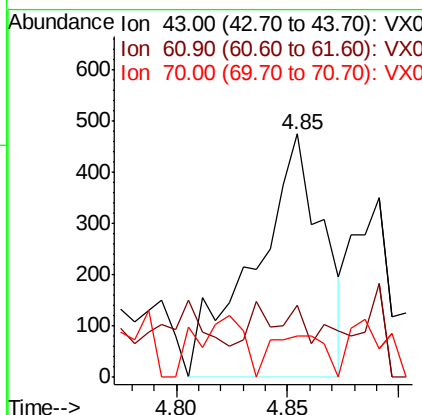
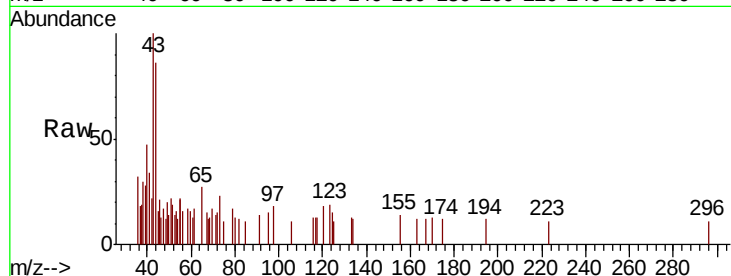




#37
Ethyl Acetate
Concen: 0.216 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

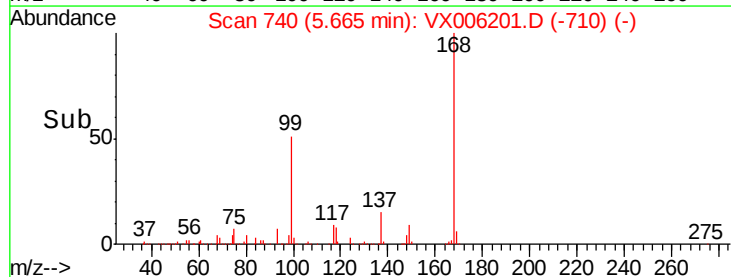
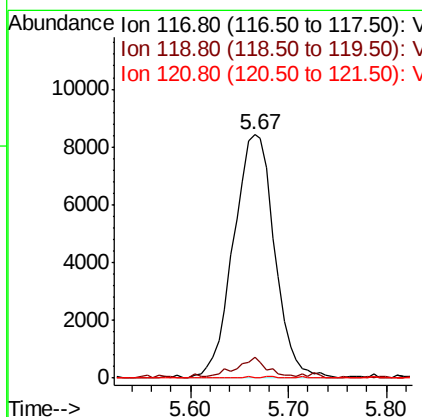
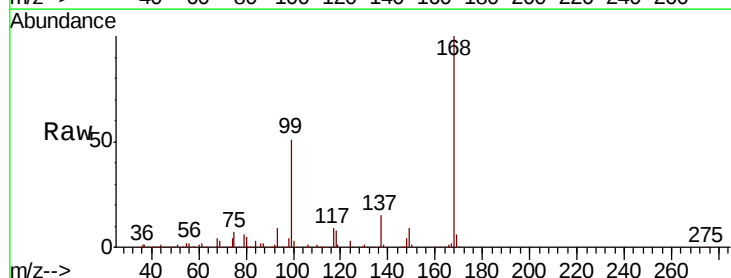
Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#04

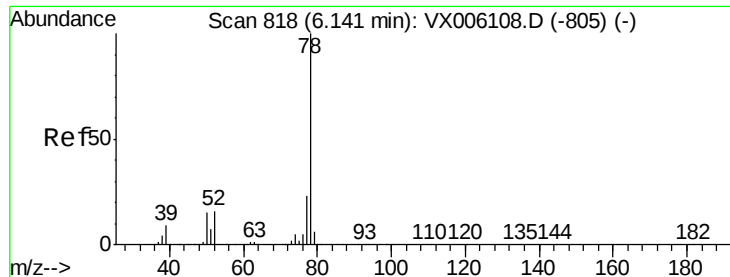
Tot Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 13.5 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 7.184 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

Tgt Ion: 117 Resp: 24483
Ion Ratio Lower Upper
117 100
119 8.4 76.3 114.5#
121 0.0 24.7 37.1#





#40

Benzene

Concen: 0.568 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

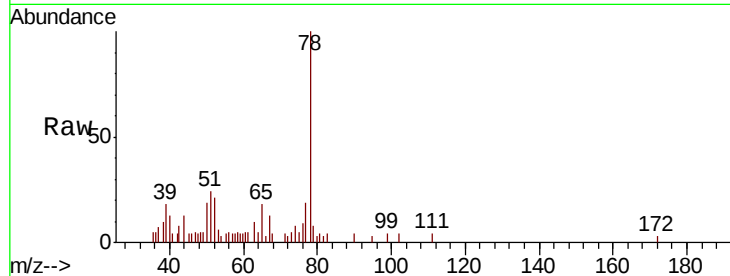
PB115023ZHE#04

Tot Ion: 78 Resp: 6070

Ion Ratio Lower Upper

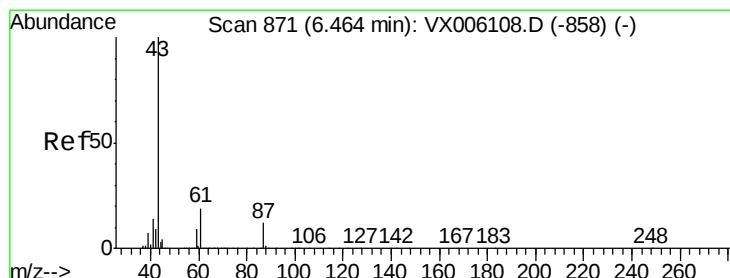
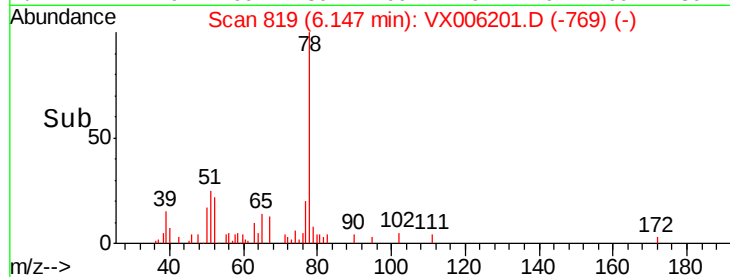
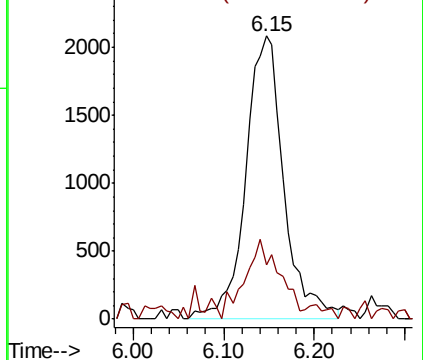
78 100

77 19.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 1.363 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

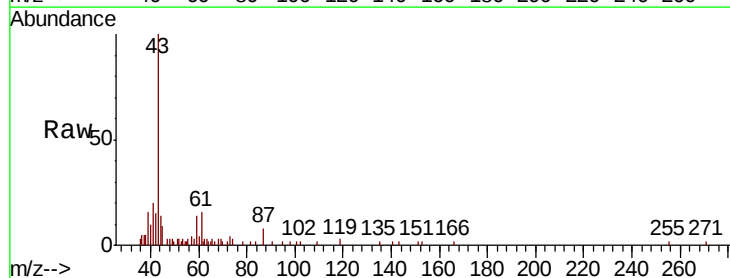
Tgt Ion: 43 Resp: 9183

Ion Ratio Lower Upper

43 100

61 22.2 15.2 22.8

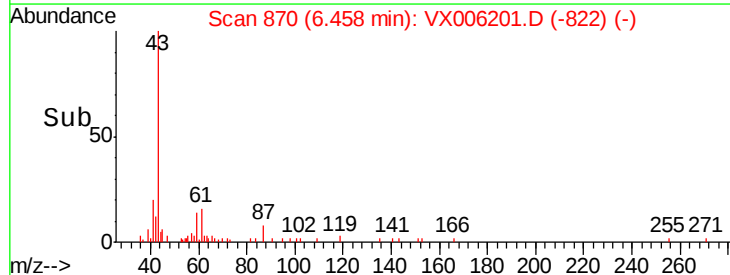
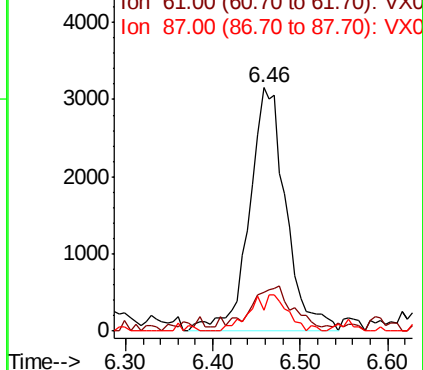
87 14.8 9.6 14.4#

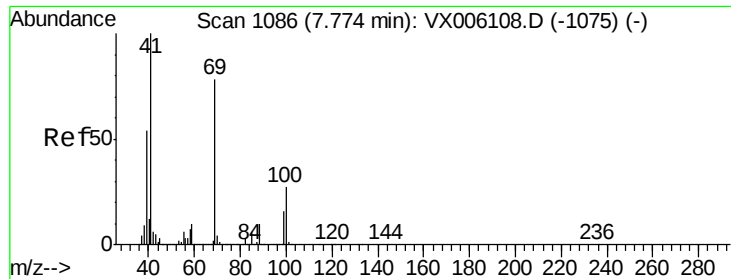


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

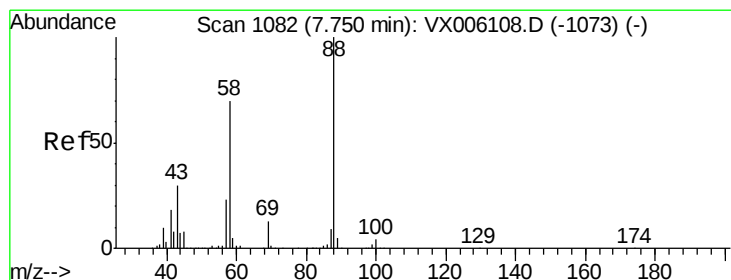
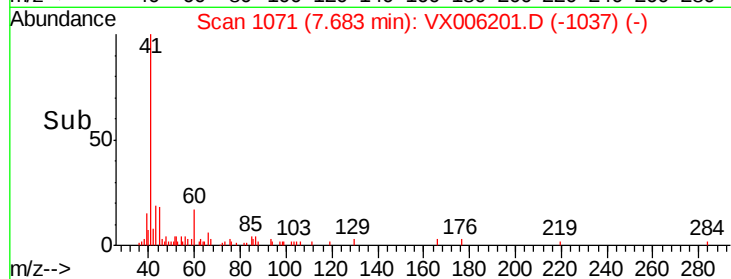
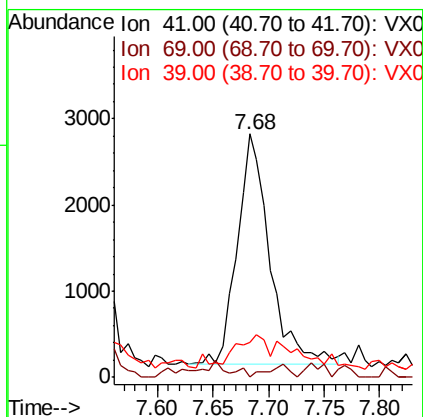
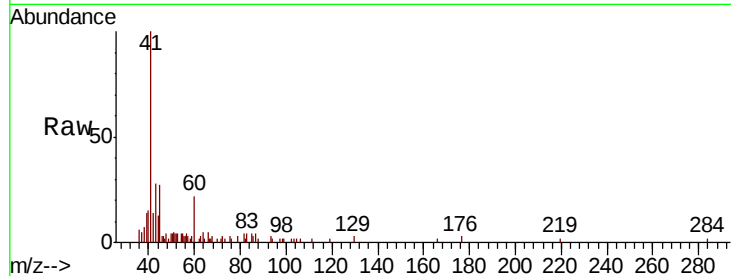




#48
Methvl methacrylate
Concen: 1.583 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

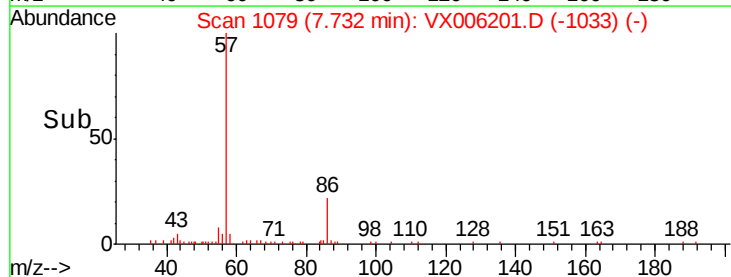
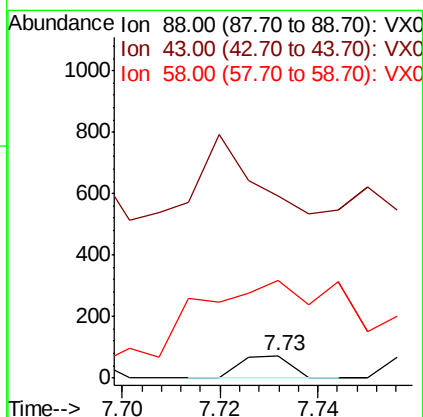
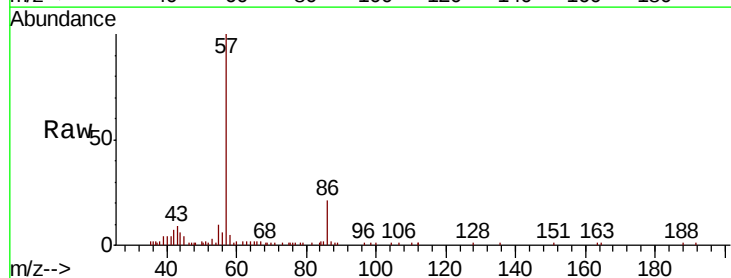
Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#04

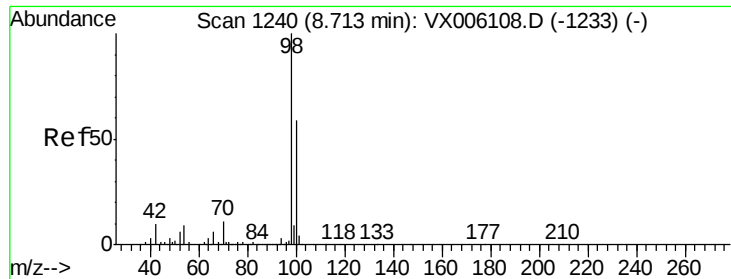
Tot Ion: 41 Resp: 5409
Ion Ratio Lower Upper
41 100
69 0.0 62.8 94.2#
39 10.4 43.8 65.6#



#49
1,4-Dioxane
Concen: 0.629 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.02 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 0.0 26.7 40.1#
58 1551.0 58.5 87.7#

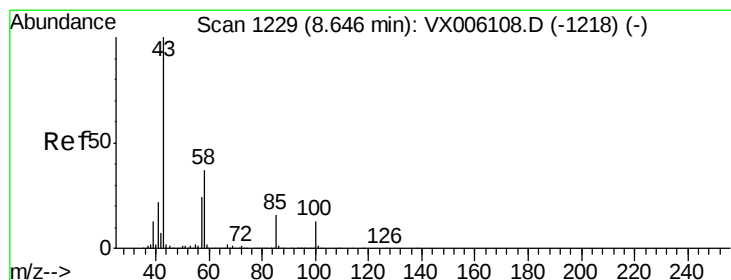
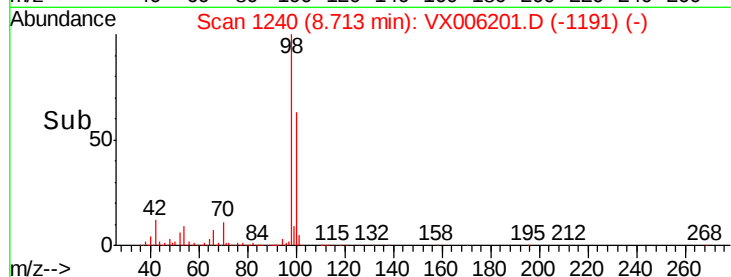
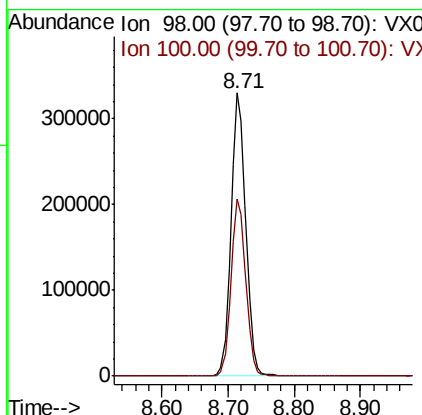
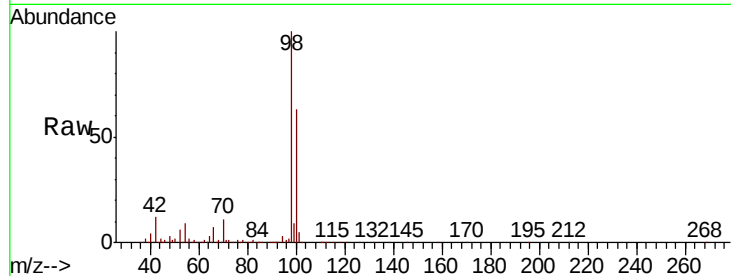




#50
Toluene-d8
Concen: 52.506 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

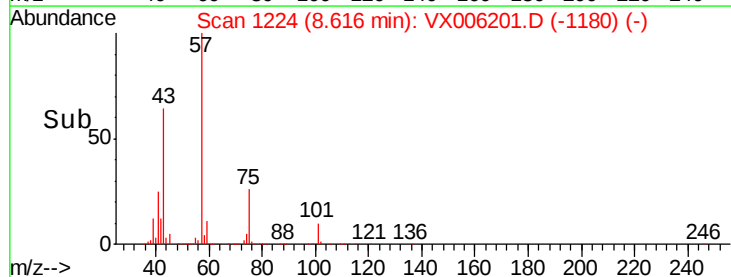
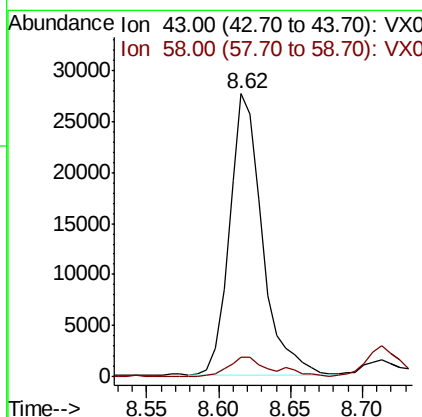
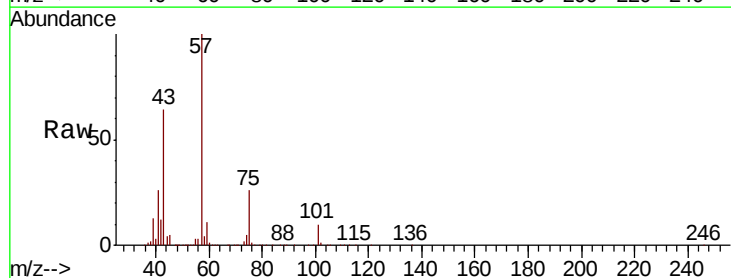
Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#04

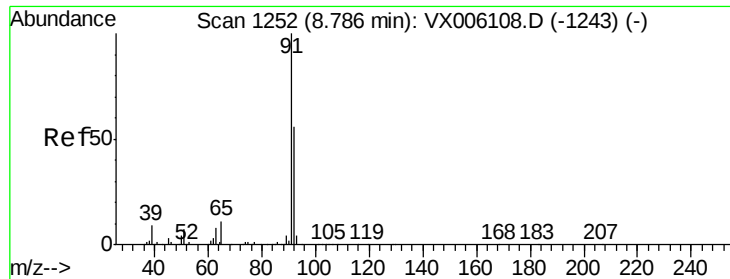
Tot Ion: 98 Resp: 512384
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.4



#51
4-Methyl-2-Pentanone
Concen: 9.067 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

Tgt Ion: 43 Resp: 43794
Ion Ratio Lower Upper
43 100
58 7.1 29.9 44.9#





#52

Toluene

Concen: 0.413 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

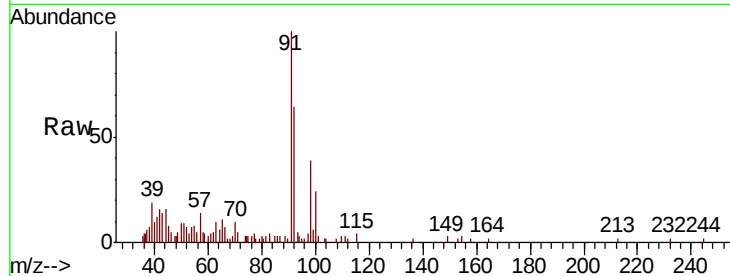
PB115023ZHE#04

Tot Ion: 92 Resp: 2727

Ion Ratio Lower Upper

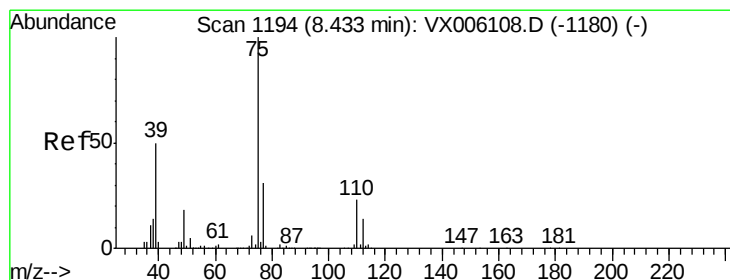
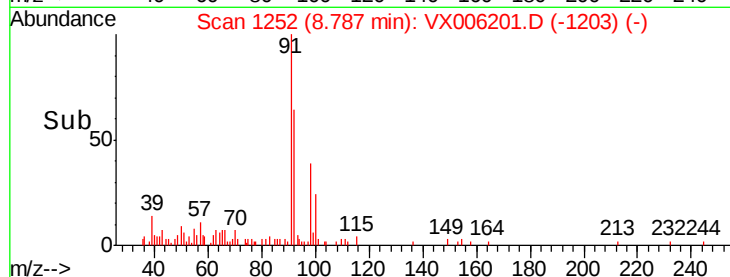
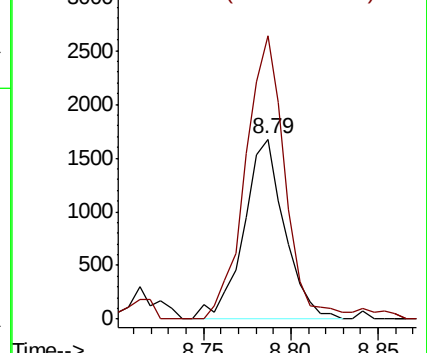
92 100

91 152.3 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.497 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.19 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

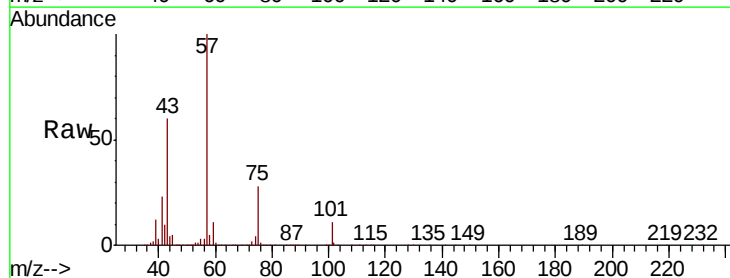
Tgt Ion: 75 Resp: 18577

Ion Ratio Lower Upper

75 100

77 2.1 24.7 37.1#

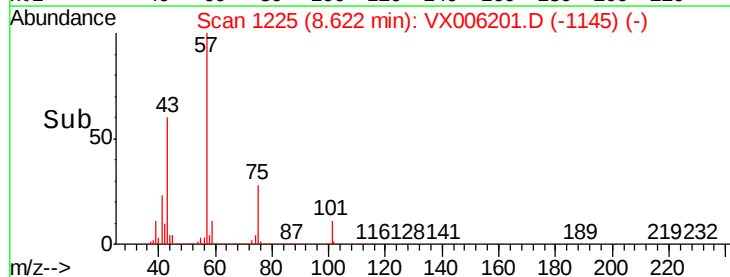
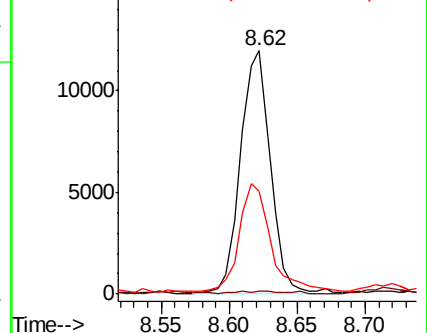
39 41.2 40.3 60.5

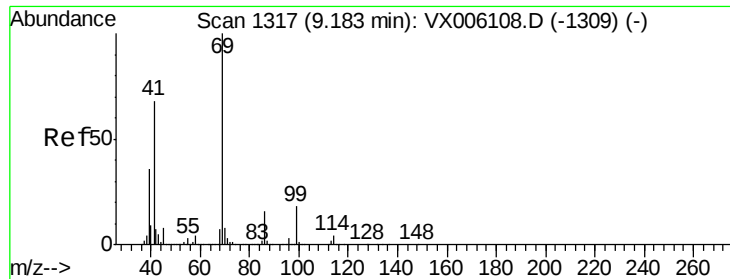


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 2.891 ug/l

RT: 9.21 min Scan# 1321

Delta R.T. 0.03 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#04

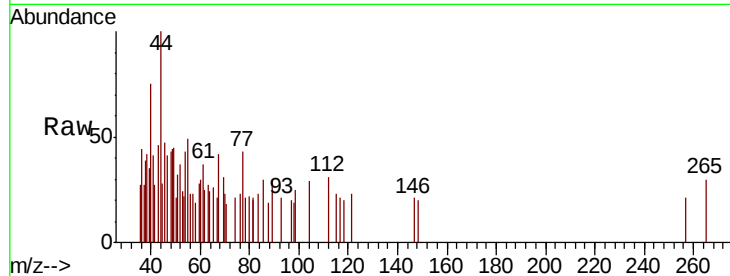
Tot Ion: 69 Resp: 120

Ion Ratio Lower Upper

69 100

41 0.0 56.2 84.4#

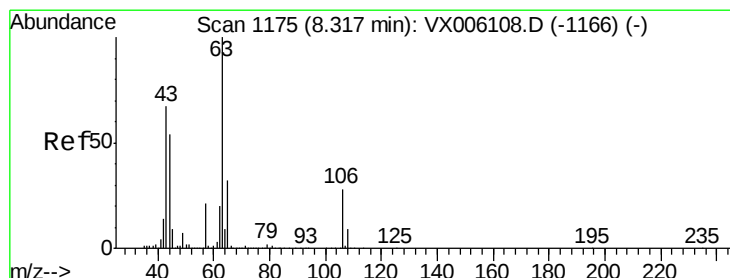
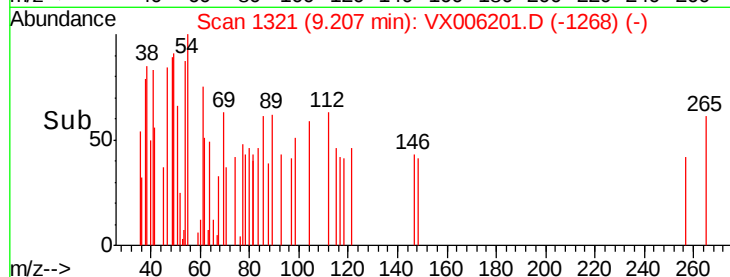
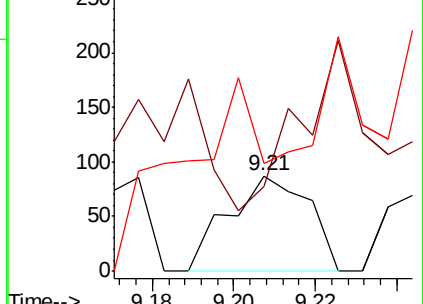
39 0.0 29.4 44.0#



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



#58

2-Chloroethyl Vinyl ether

Concen: 6.766 ug/l

RT: 8.18 min Scan# 1152

Delta R.T. -0.14 min

Lab File: VX006201.D

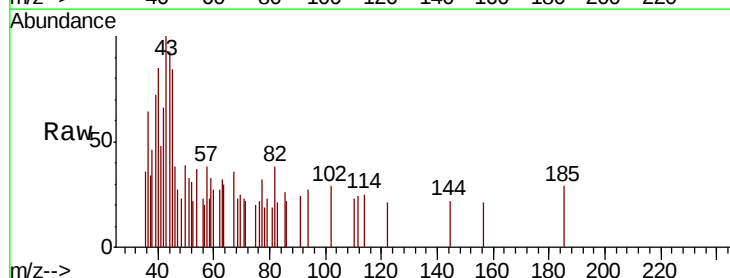
Acq: 27 Nov 2018 03:37

Tgt Ion: 63 Resp: 113

Ion Ratio Lower Upper

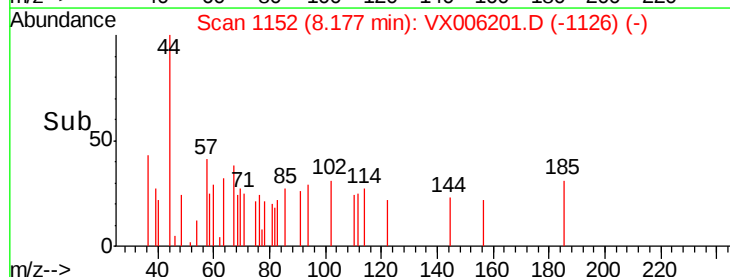
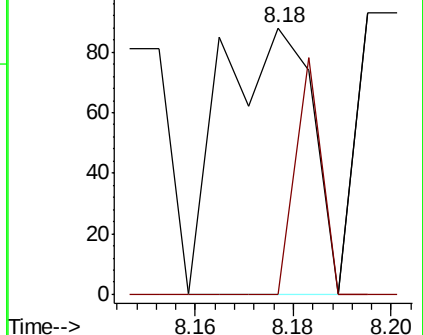
63 100

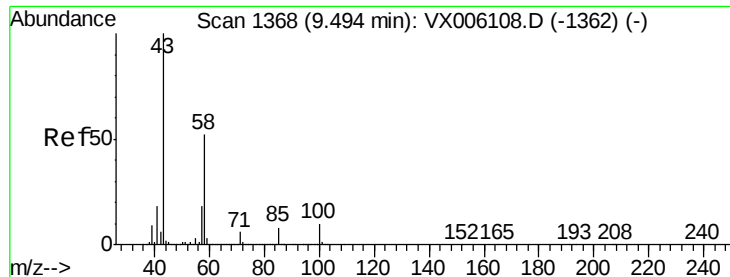
106 25.7 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

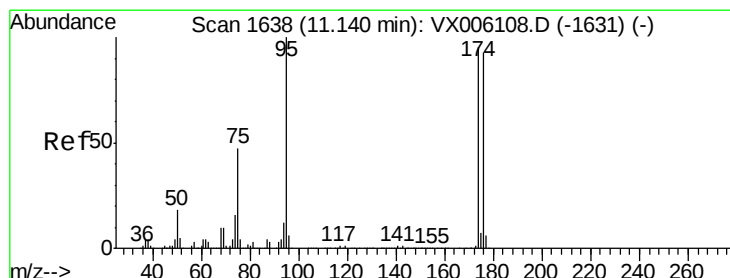
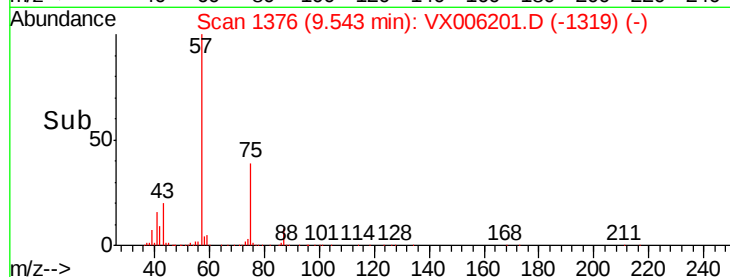
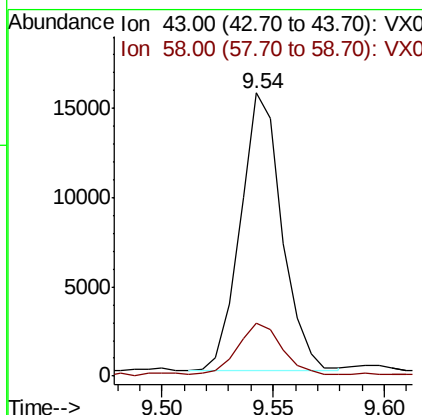
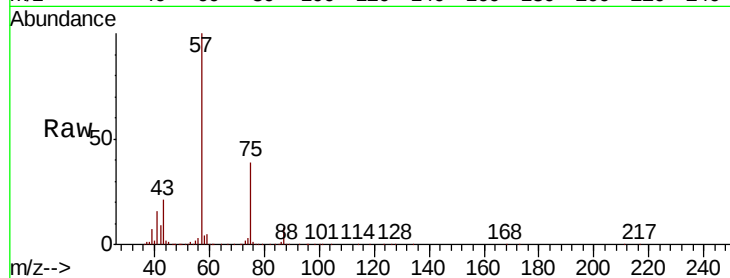




#59
2-Hexanone
Concen: 5.260 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

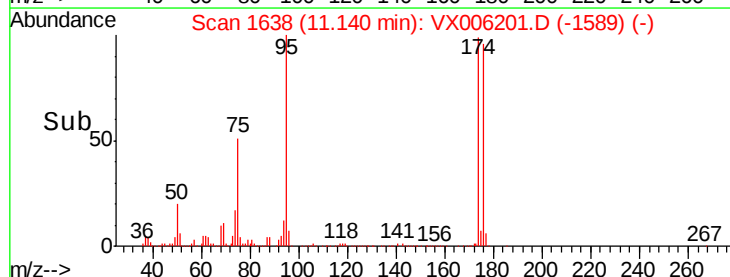
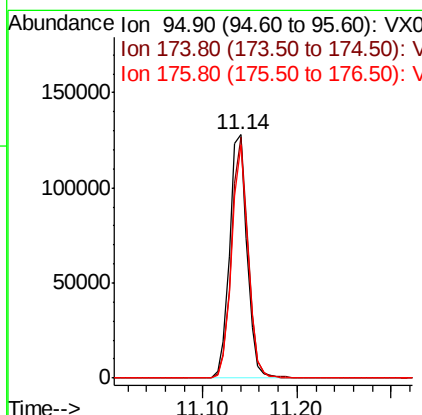
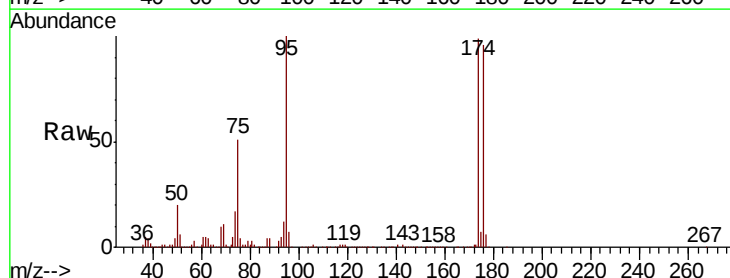
Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#04

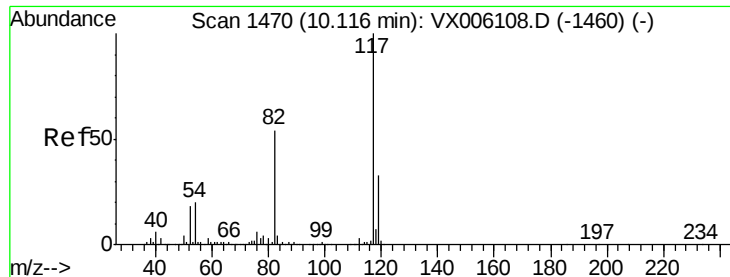
Tot Ion: 43 Resp: 20162
Ion Ratio Lower Upper
43 100
58 19.6 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 45.160 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

Tgt Ion: 95 Resp: 165353
Ion Ratio Lower Upper
95 100
174 94.1 0.0 184.4
176 90.4 0.0 179.0

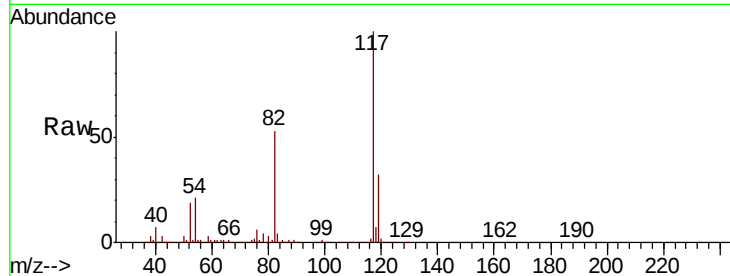




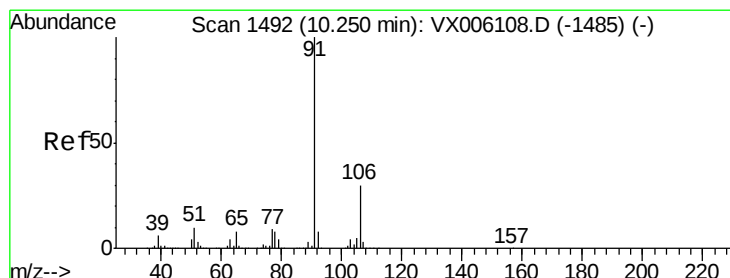
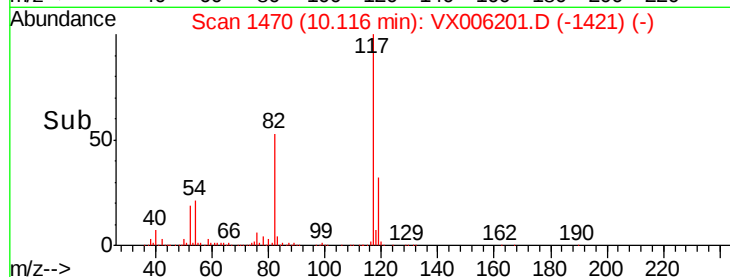
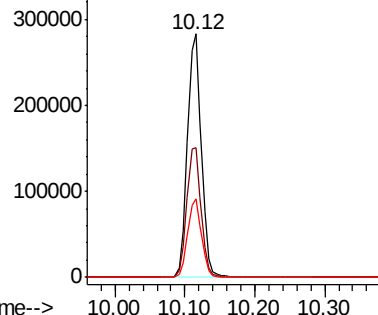
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#04

Tot Ion:117 Resp: 390008
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.4 26.1 39.1

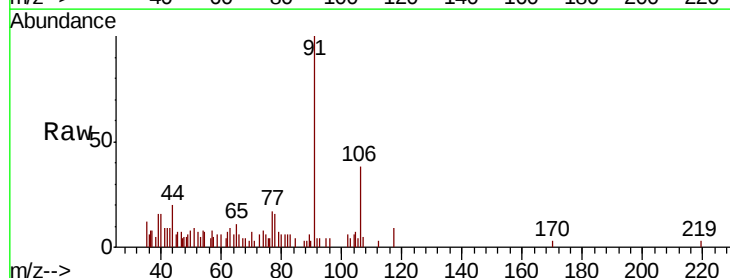


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

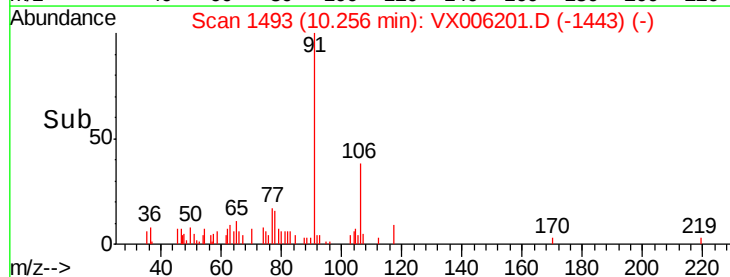
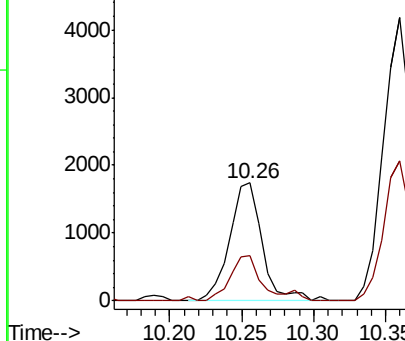


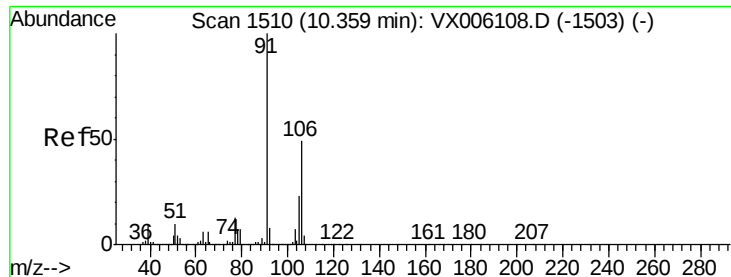
#67
Ethyl Benzene
Concen: 0.212 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006201.D
Acq: 27 Nov 2018 03:37

Tgt Ion: 91 Resp: 2776
Ion Ratio Lower Upper
91 100
106 38.0 24.4 36.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.576 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

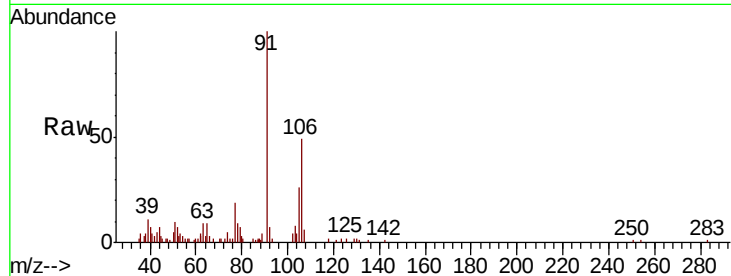
PB115023ZHE#04

Tot Ion:106 Resp: 2936

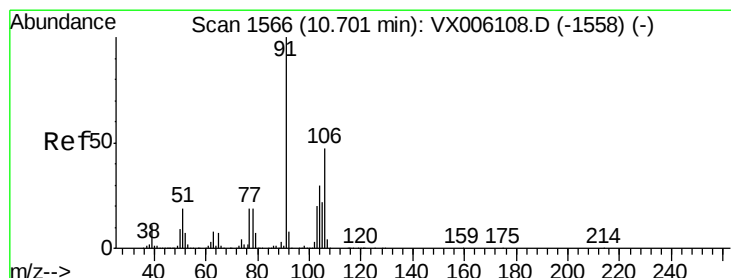
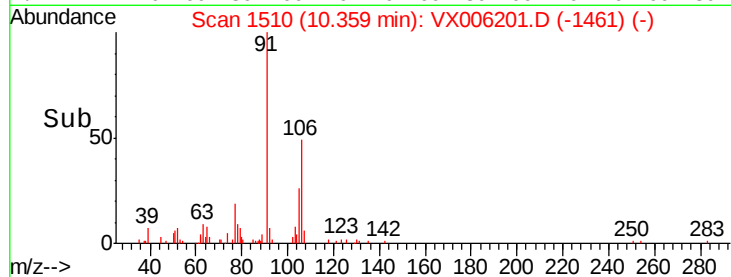
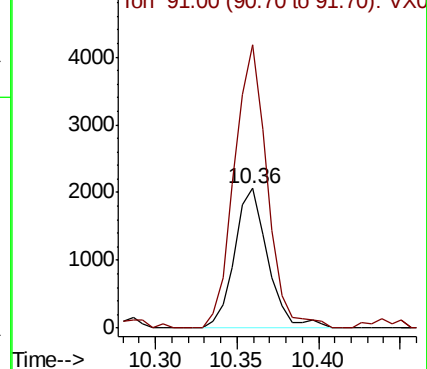
Ion Ratio Lower Upper

106 100

91 200.4 162.0 243.0



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 0.248 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX006201.D

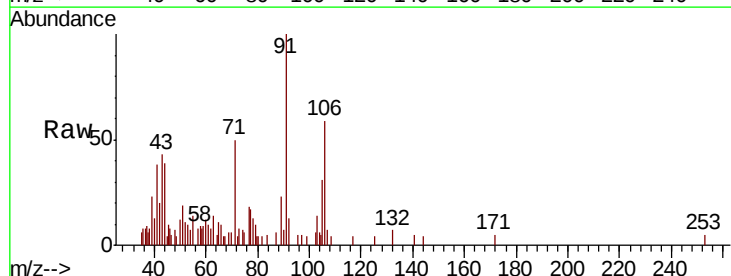
Acq: 27 Nov 2018 03:37

Tgt Ion:106 Resp: 1206

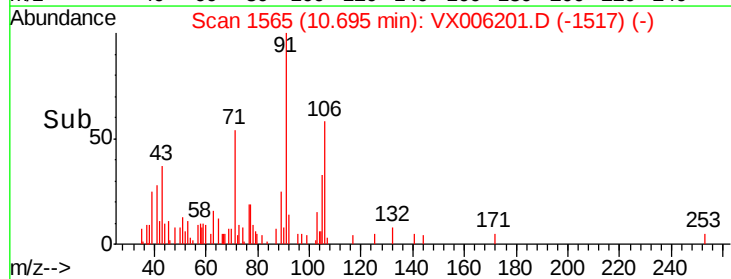
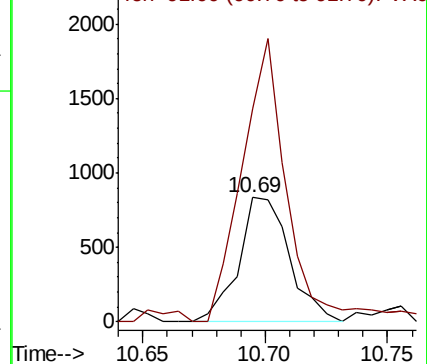
Ion Ratio Lower Upper

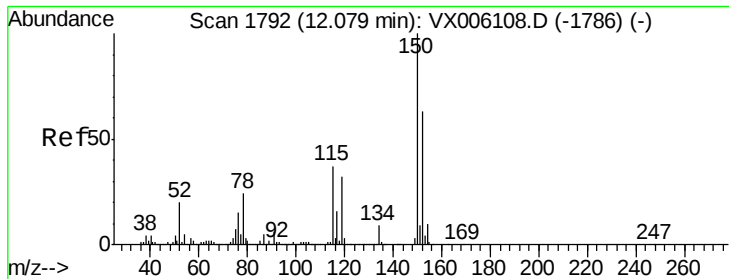
106 100

91 206.7 107.4 322.2



Abundance Ion 106.00 (105.70 to 106.70): 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: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#04

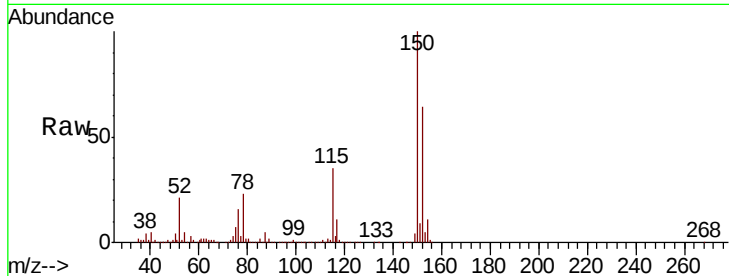
Tot Ion:152 Resp: 180621

Ion Ratio Lower Upper

152 100

115 55.0 39.0 116.9

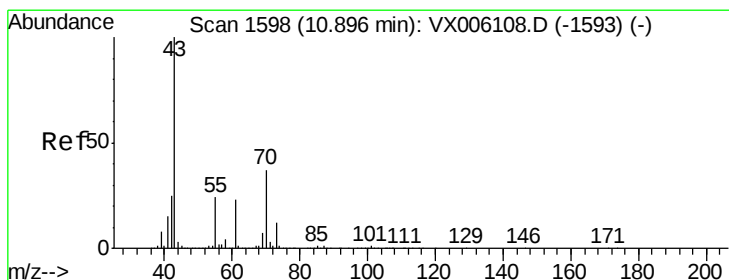
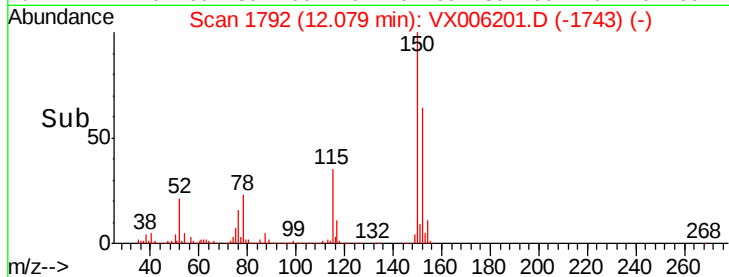
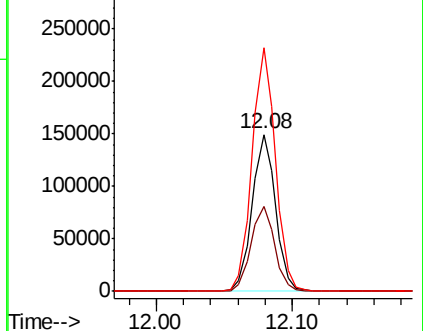
150 155.6 0.0 346.6



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: 2.248 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Tgt Ion: 43 Resp: 326

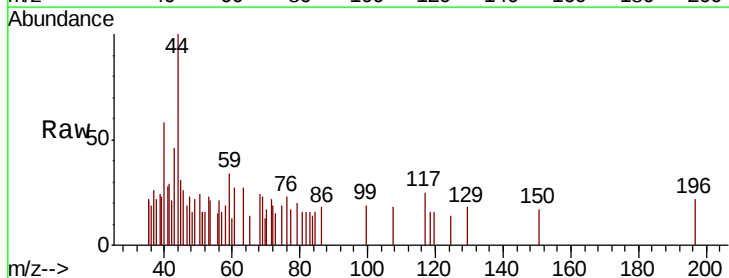
Ion Ratio Lower Upper

43 100

70 44.5 31.8 47.6

55 0.0 19.5 29.3#

61 0.0 18.6 27.8#

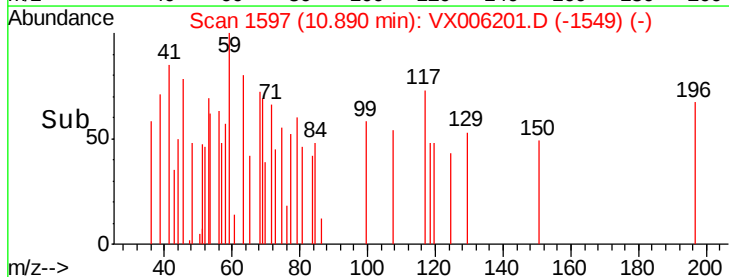
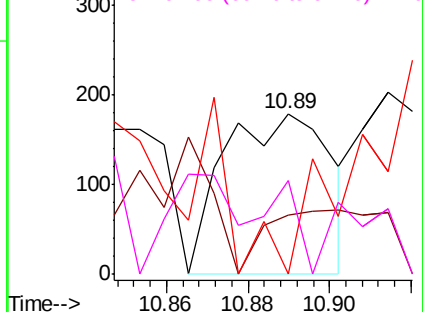


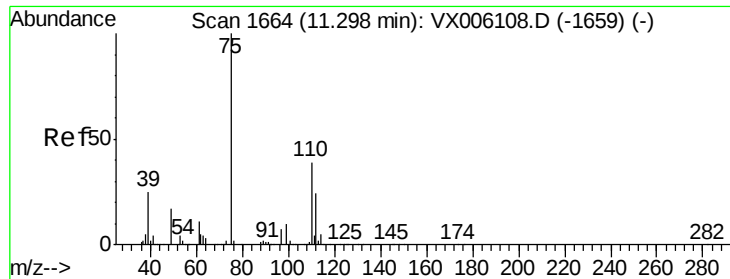
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 23.158 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

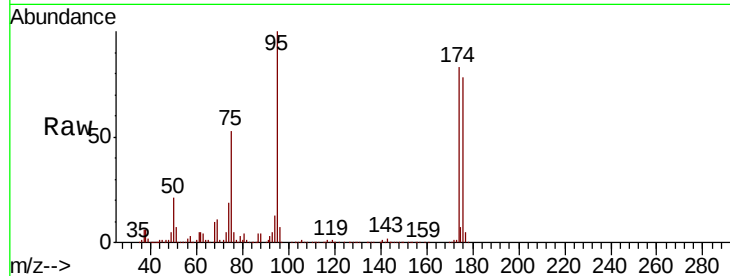
PB115023ZHE#04

Tot Ion: 75 Resp: 86117

Ion Ratio Lower Upper

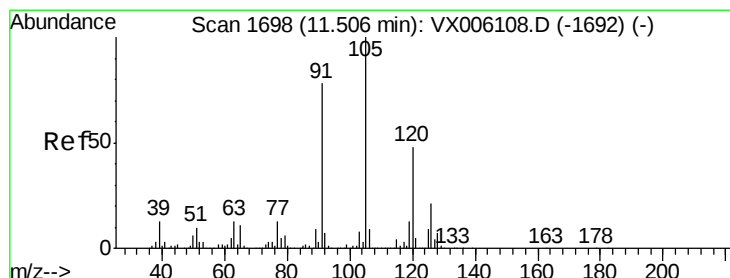
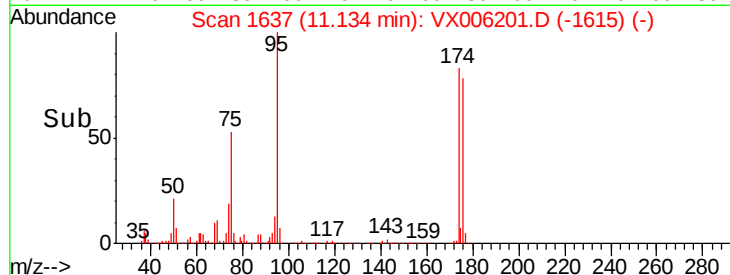
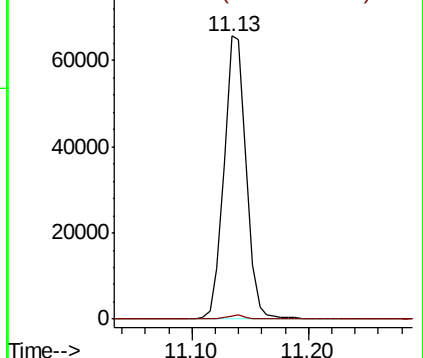
75 100

77 1.4 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX006108.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX006108.D (-1659) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.295 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006201.D

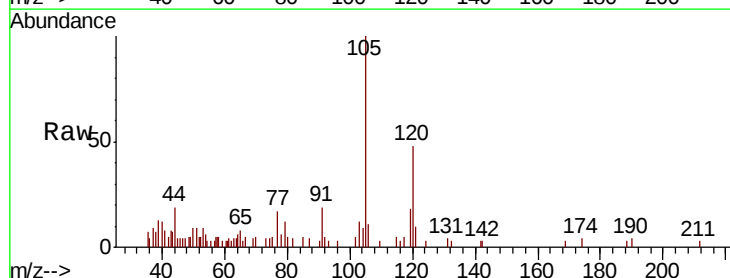
Acq: 27 Nov 2018 03:37

Tgt Ion:105 Resp: 2720

Ion Ratio Lower Upper

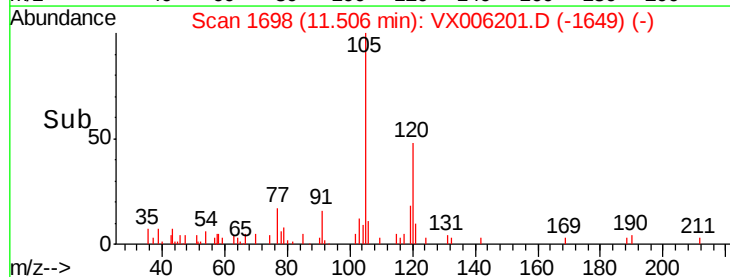
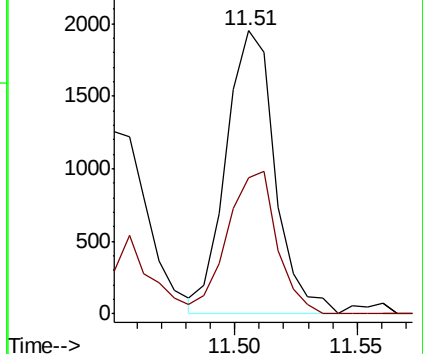
105 100

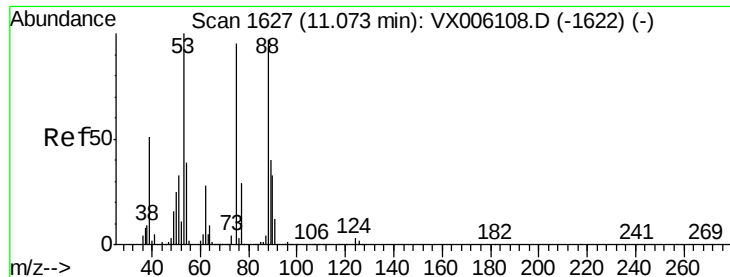
120 50.8 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VX006108.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006108.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 78.327 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#04

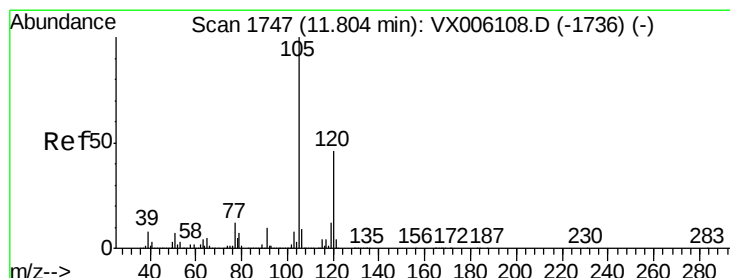
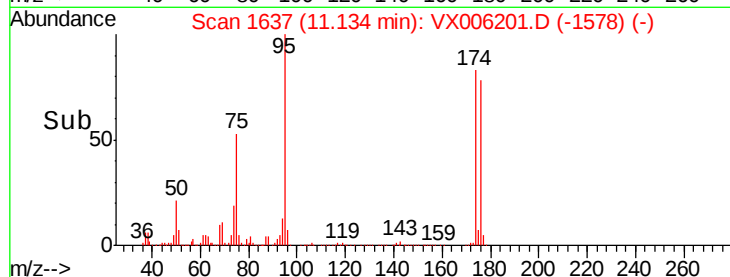
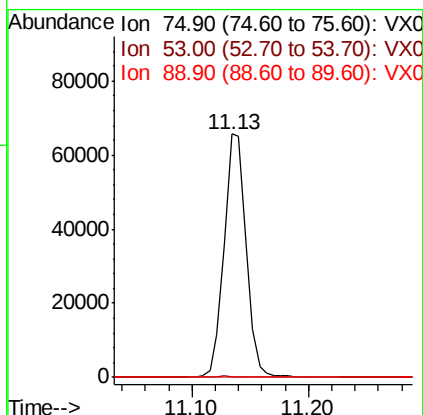
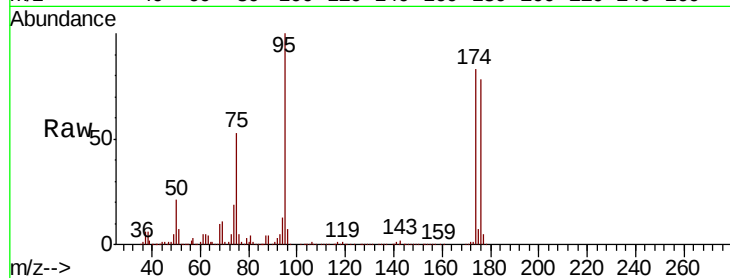
Tot Ion: 75 Resp: 86117

Ion Ratio Lower Upper

75 100

53 0.4 85.3 127.9#

89 0.1 37.2 55.8#



#84

1,2,4-Trimethylbenzene

Concen: 0.618 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006201.D

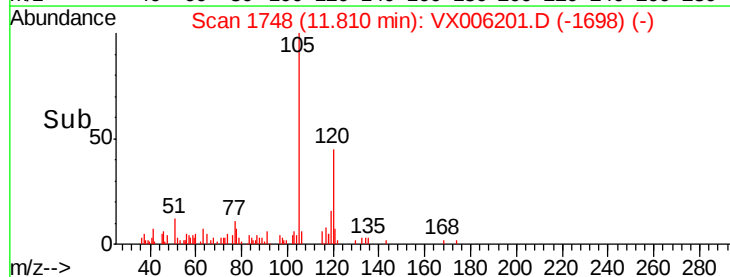
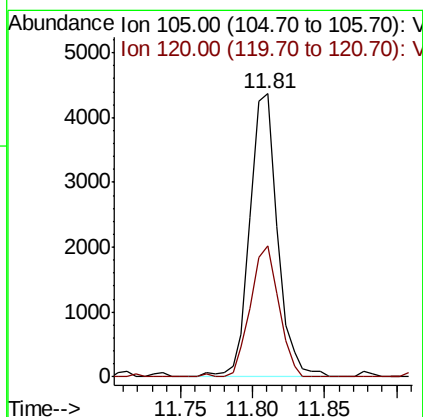
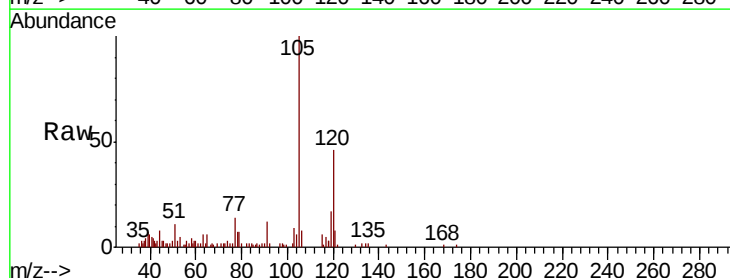
Acq: 27 Nov 2018 03:37

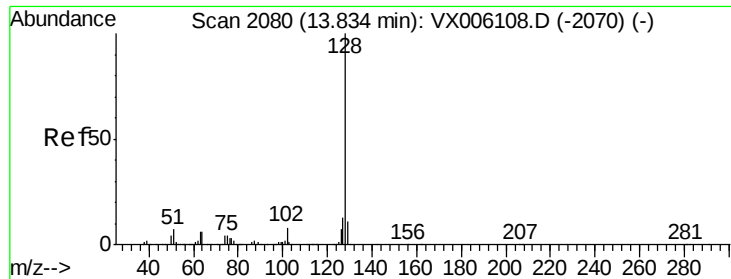
Tgt Ion: 105 Resp: 5805

Ion Ratio Lower Upper

105 100

120 47.0 22.7 68.0





#95

Naphthalene

Concen: 0.460 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006201.D

Acq: 27 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#04

Tot Ion:128 Resp: 5503

Ion Ratio Lower Upper

128 100

127 15.6 10.6 15.8

129 13.5 8.8 13.2#

