

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002937.D
 Acq On : 27 Jun 2018 15:37
 Operator : JC/MD
 Sample : J3707-03 25X
 Misc : 5.64µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 03:13:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214240	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	181636	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.40%		
35) Dibromofluoromethane	5.51	113	142846	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.52%		
50) Toluene-d8	8.72	98	541041	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.04%		
62) 4-Bromofluorobenzene	11.14	95	200464	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.20%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	63	Below Cal	#	43
3) Chloromethane	1.33	50	751	Below Cal	#	88
4) Vinyl Chloride	1.40	62	24905	8.08	ug/l	92
5) Bromomethane	1.65	94	1868	Below Cal		85
6) Chloroethane	1.69	64	72	Below Cal	#	1
10) Methyl Iodide	2.52	142	1948	6.78	ug/l	87
11) Tert butyl alcohol	3.02	59	2660	3.54	ug/l	84
12) 1,1-Dichloroethene	2.37	96	1623	0.60	ug/l	94
13) Acrolein	2.29	56	278	4.89	ug/l	72
16) Acetone	2.45	43	956	0.61	ug/l	82
20) Methylene Chloride	2.86	84	1009	0.33	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	2702	0.92	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	318589	97.03	ug/l	83
29) Tetrahydrofuran	5.18	42	1790	1.21	ug/l	97
31) Cyclohexane	5.59	56	1595	0.34	ug/l	82
36) 1,1-Dichloropropene	5.67	75	18966	4.53	ug/l	50
38) Carbon Tetrachloride	5.67	117	25139	5.47	ug/l	16
39) Methylcyclohexane	7.47	83	3585	0.74	ug/l	98
44) Trichloroethene	7.22	130	3971	1.10	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2367	0.50	ug/l	94
52) Toluene	8.79	92	30844	3.96	ug/l	99
67) Ethyl Benzene	10.26	91	3077	0.20	ug/l	99
68) m/p-Xylenes	10.36	106	5090	0.88	ug/l	94
69) o-Xylene	10.70	106	2193	0.39	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	104814	27.01	ug/l	33
78) n-propylbenzene	11.36	91	4641	0.28	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	11394	0.94	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	104814	76.46	ug/l	7
84) 1,2,4-Trimethylbenzene	11.81	105	27005	2.15	ug/l	95
85) sec-Butylbenzene	11.95	105	4351	0.30	ug/l	98
86) p-Isopropyltoluene	12.07	119	3943	0.30	ug/l	80
87) 1,3-Dichlorobenzene	12.03	146	1983	0.26	ug/l	90
88) 1,4-Dichlorobenzene	12.03	146	1983	0.26	ug/l	89
89) n-Butylbenzene	12.39	91	10085	0.89	ug/l	46

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX062718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

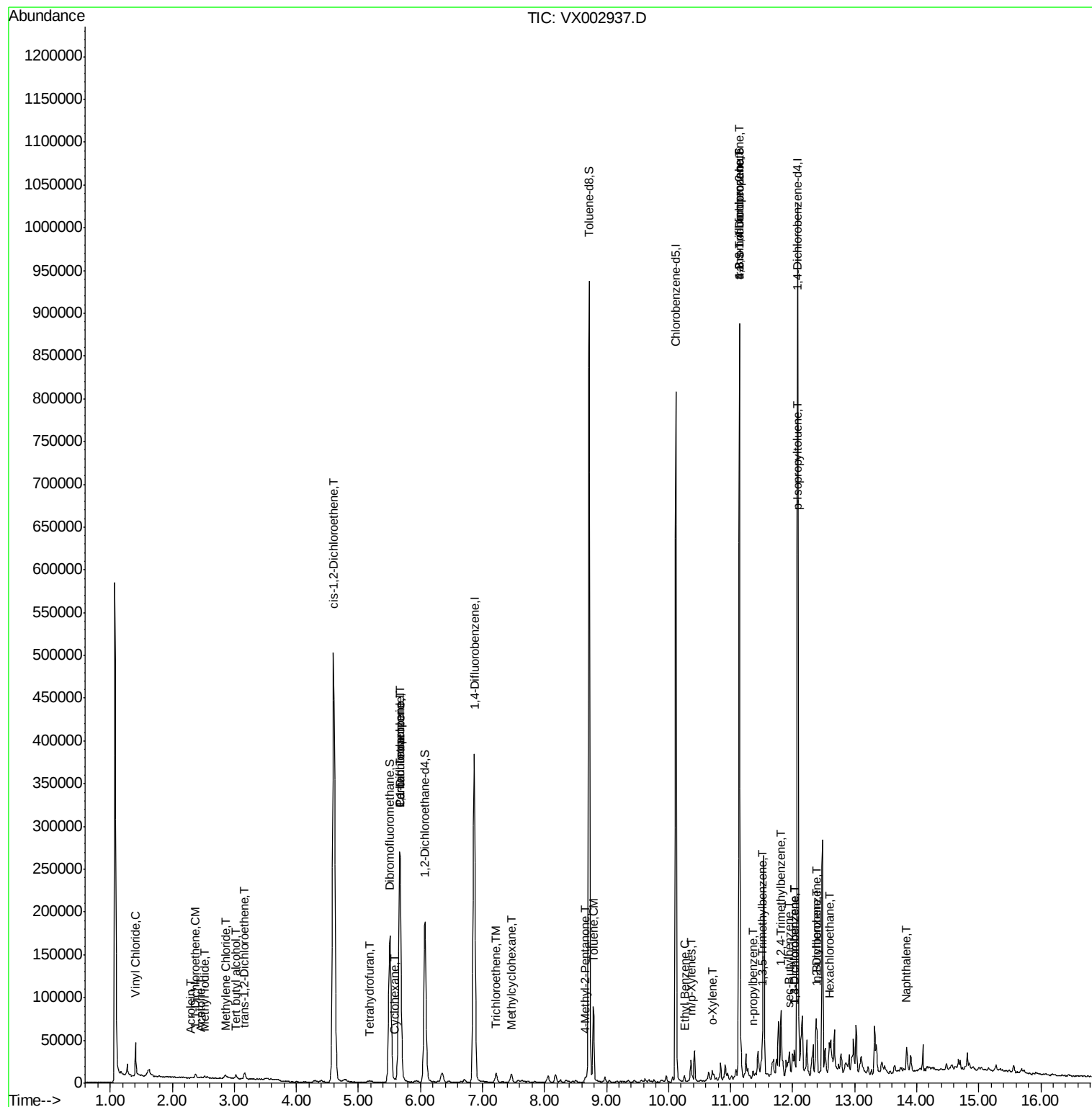
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.59	117	1453	0.75	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	7393	0.98	ug/l	98
95) Naphthalene	13.83	128	18358	1.25	ug/l	97

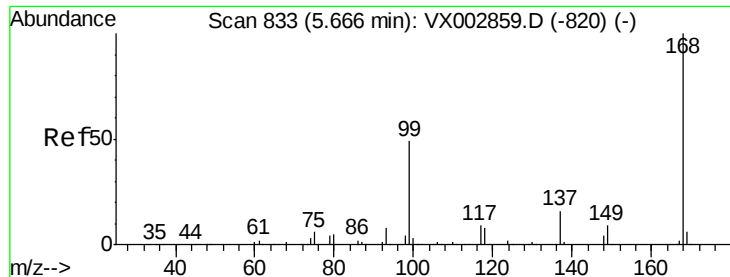
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

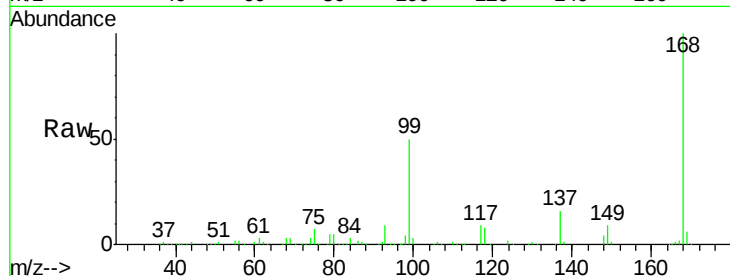
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 272624

Ion Ratio Lower Upper

168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

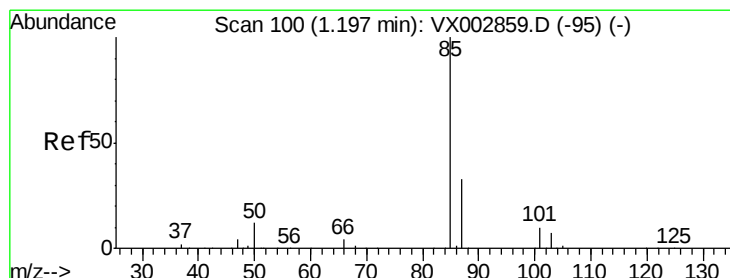
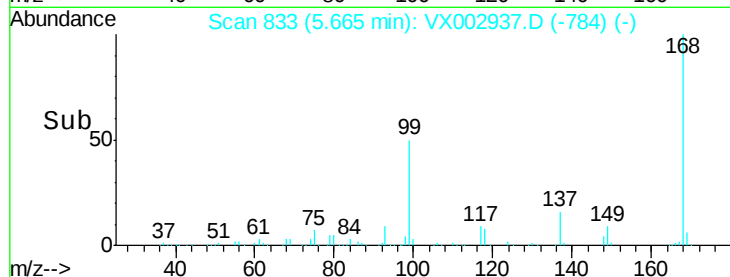
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX002937.D

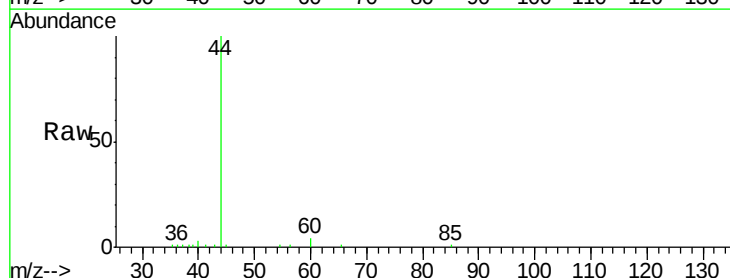
Acq: 27 Jun 2018 15:37

Tgt Ion: 85 Resp: 63

Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120

100

80

60

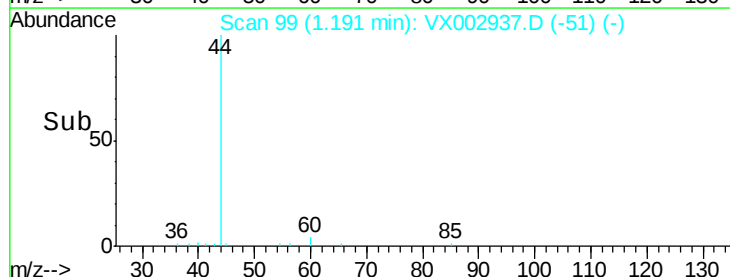
40

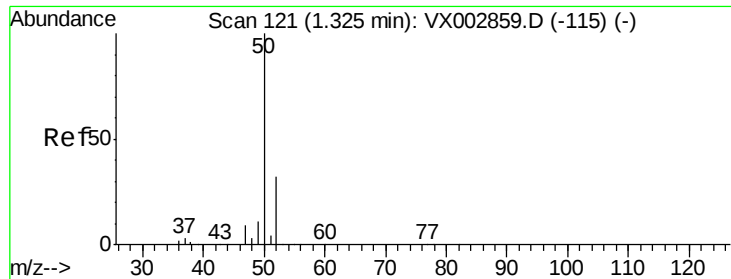
20

0

Time-->

1.18 1.20





#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

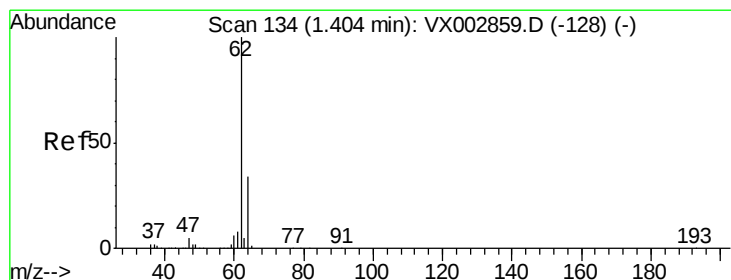
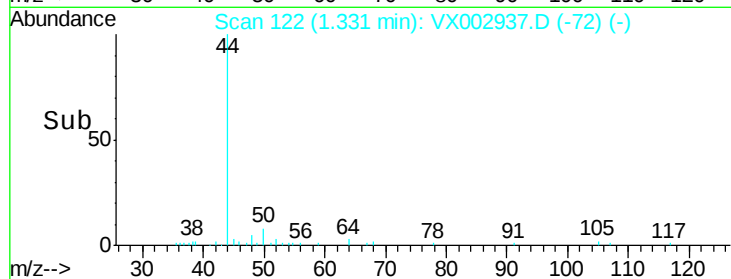
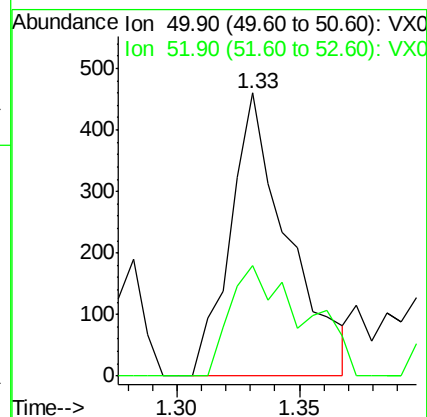
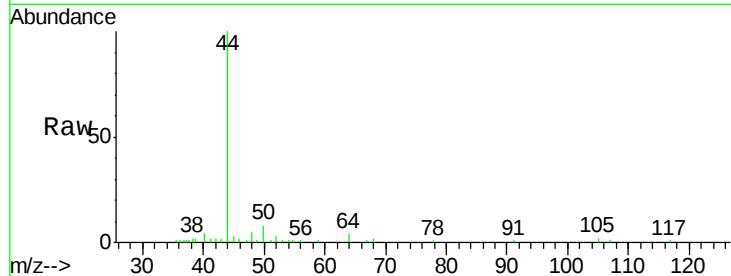
ClientSampleId :

Tot Ion: 50 Resp: 751

Ion Ratio Lower Upper

50 100

52 38.9 25.7 38.5#



#4

Vinyl Chloride

Concen: 8.08 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002937.D

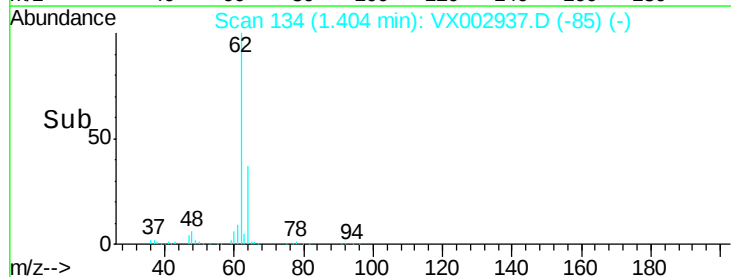
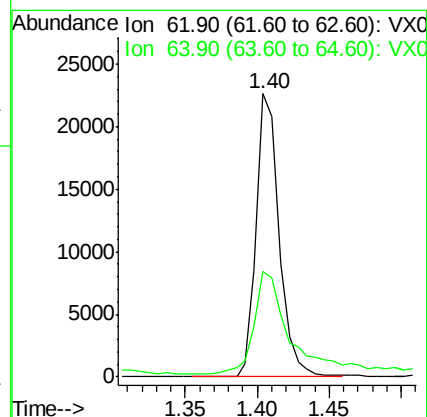
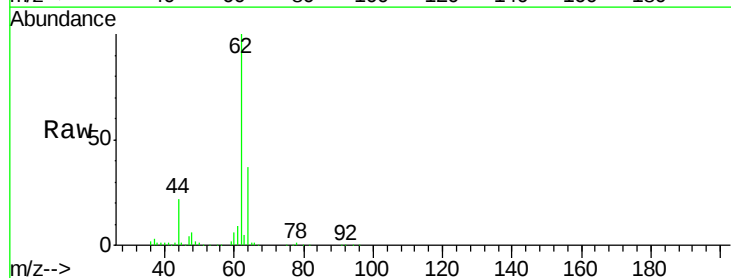
Acq: 27 Jun 2018 15:37

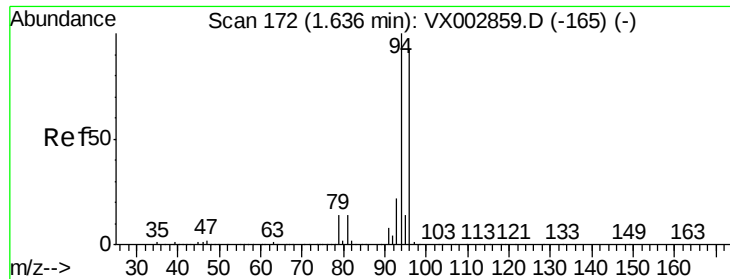
Tgt Ion: 62 Resp: 24905

Ion Ratio Lower Upper

62 100

64 36.2 25.4 38.2





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

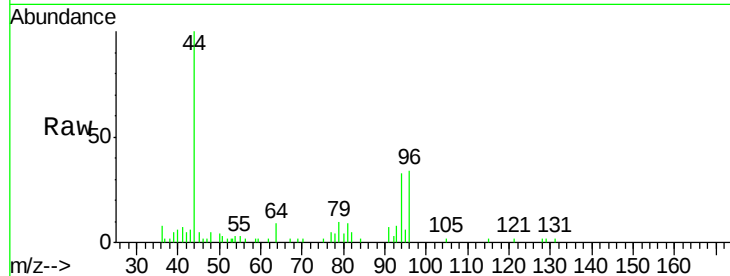
ClientSampleId :

Tot Ion: 94 Resp: 1868

Ion Ratio Lower Upper

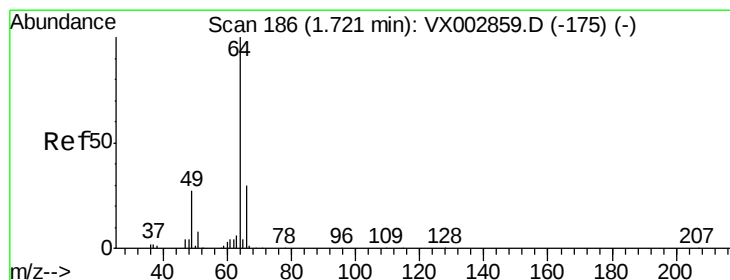
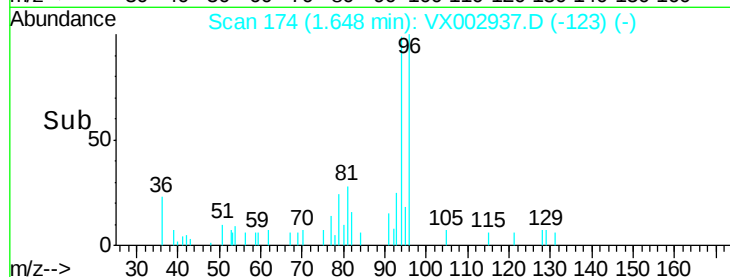
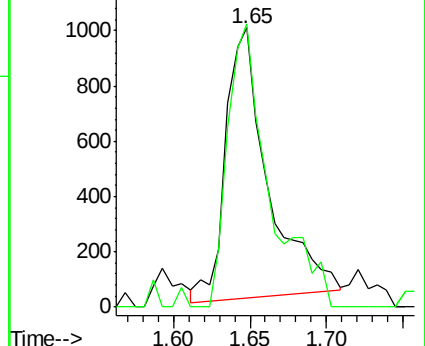
94 100

96 108.1 74.9 112.3



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: 1.69 min Scan# 181

Delta R.T. -0.03 min

Lab File: VX002937.D

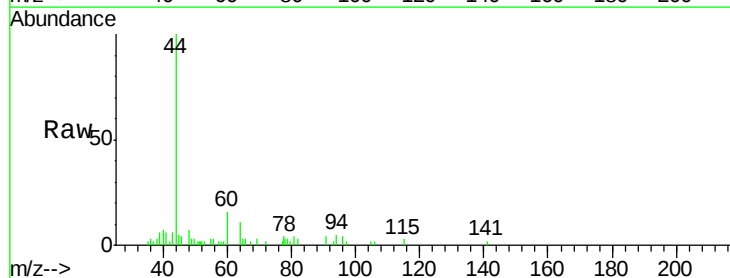
Acq: 27 Jun 2018 15:37

Tgt Ion: 64 Resp: 72

Ion Ratio Lower Upper

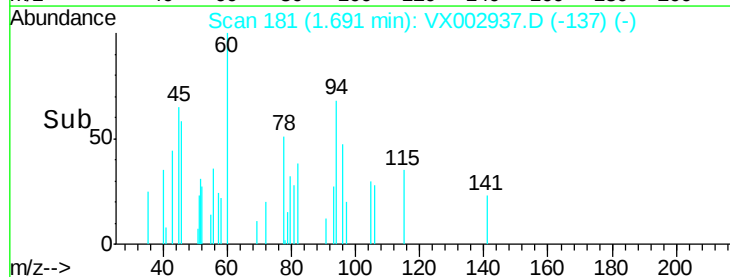
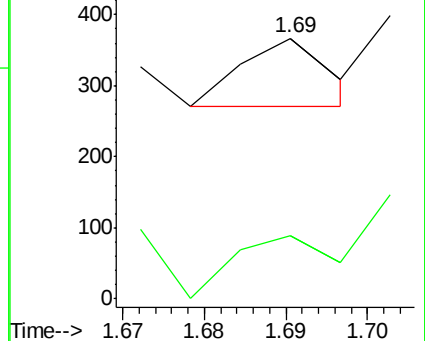
64 100

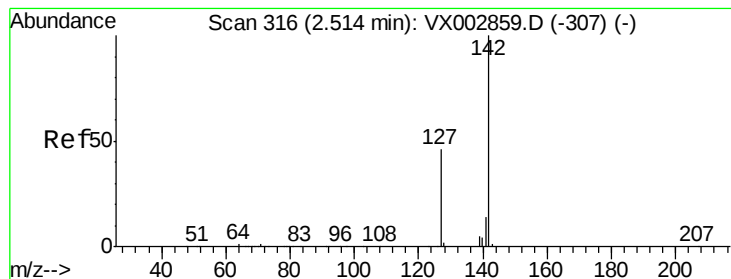
66 91.8 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#10

Methyl Iodide

Concen: 6.78 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :
MSVOA_X
ClientSampled :

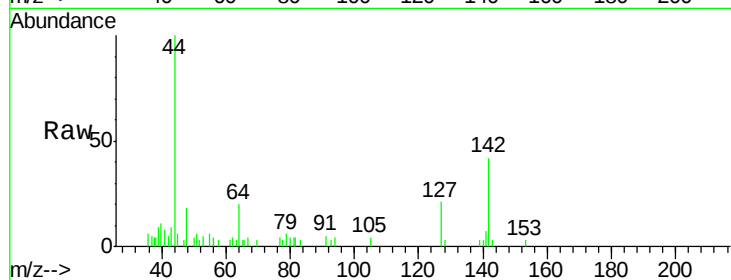
Tot Ion:142 Resp: 1948

Ion Ratio Lower Upper

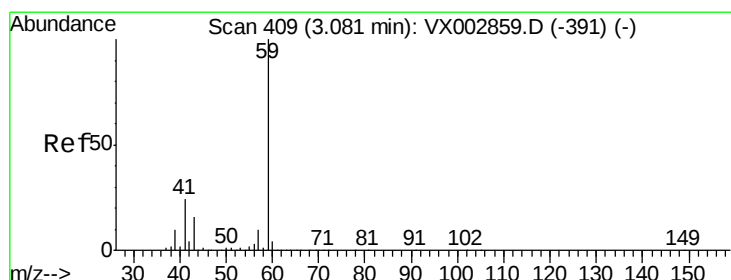
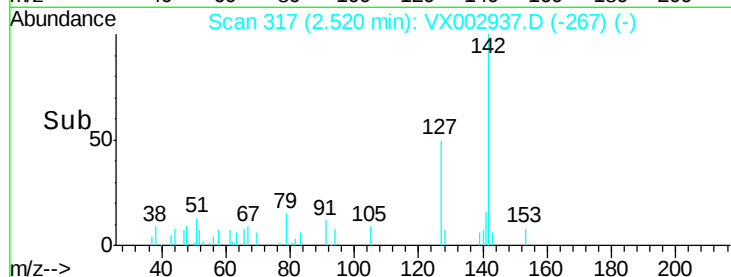
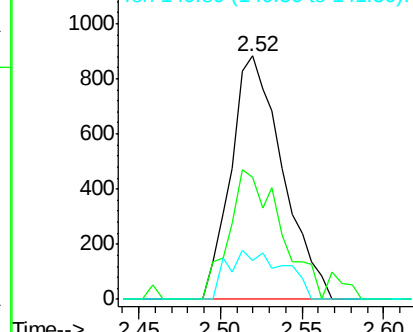
142 100

127 53.5 36.6 55.0

141 21.9 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 3.54 ug/l

RT: 3.02 min Scan# 399

Delta R.T. -0.06 min

Lab File: VX002937.D

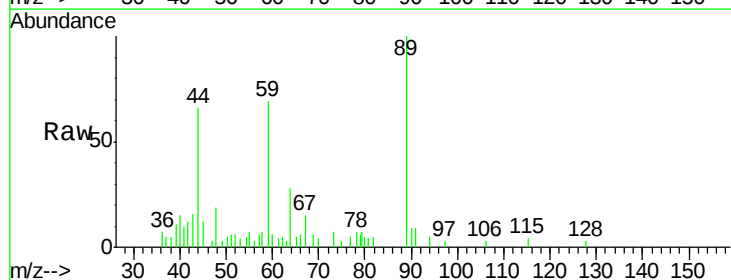
Acq: 27 Jun 2018 15:37

Tgt Ion: 59 Resp: 2660

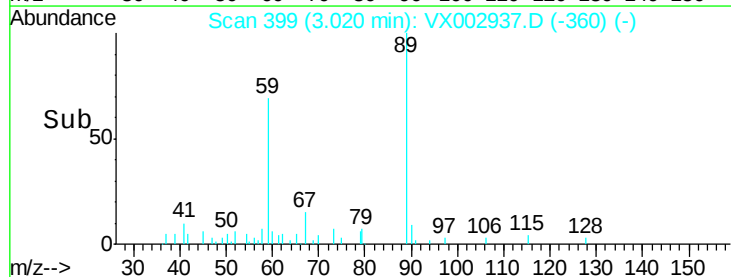
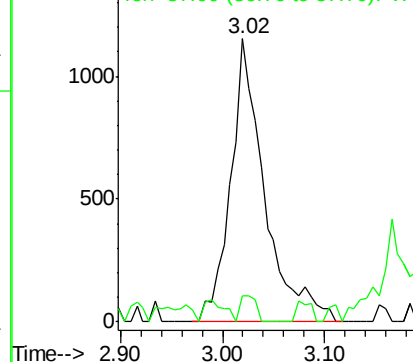
Ion Ratio Lower Upper

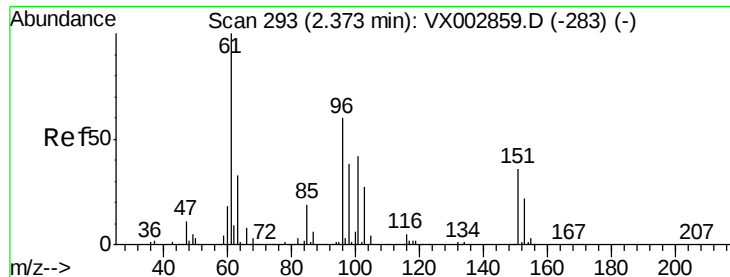
59 100

57 4.1 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.60 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :
MSVOA_X
ClientSampled :

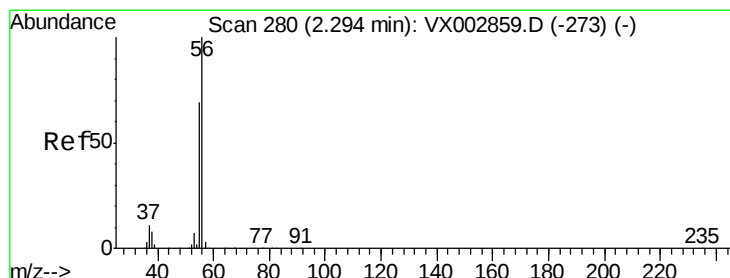
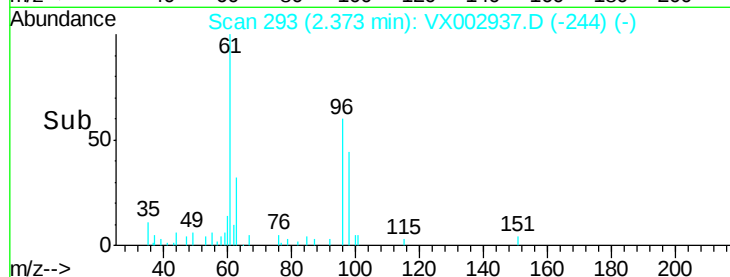
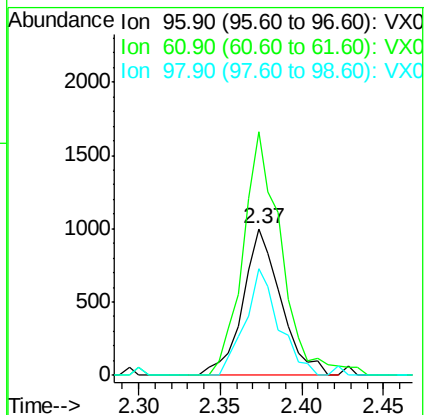
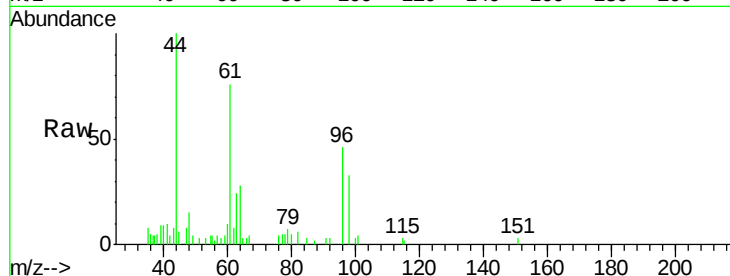
Tot Ion: 96 Resp: 1623

Ion Ratio Lower Upper

96 100

61 166.4 137.9 206.9

98 72.5 51.6 77.4



#13

Acrolein

Concen: 4.89 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002937.D

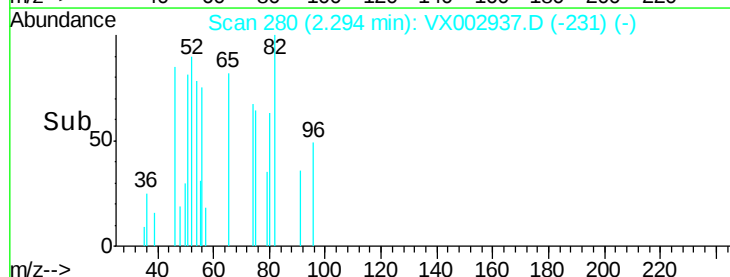
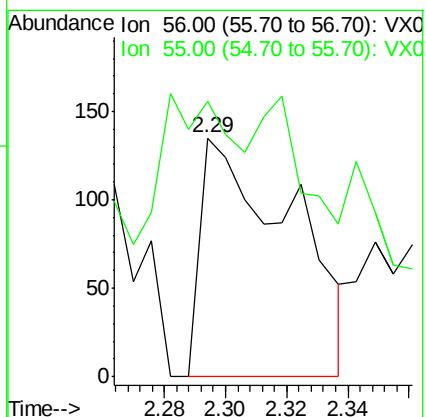
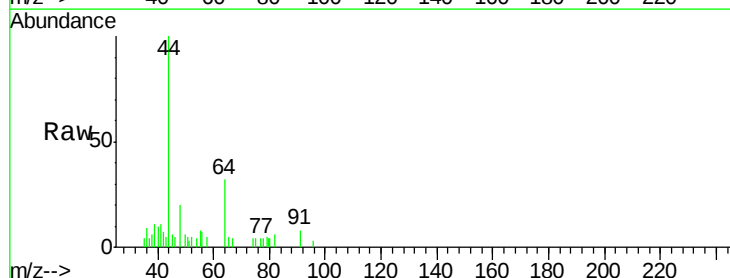
Acq: 27 Jun 2018 15:37

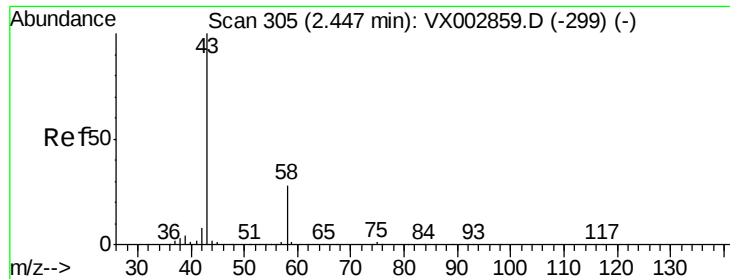
Tgt Ion: 56 Resp: 278

Ion Ratio Lower Upper

56 100

55 47.8 57.0 85.4#





#16

Acetone

Concen: 0.61 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

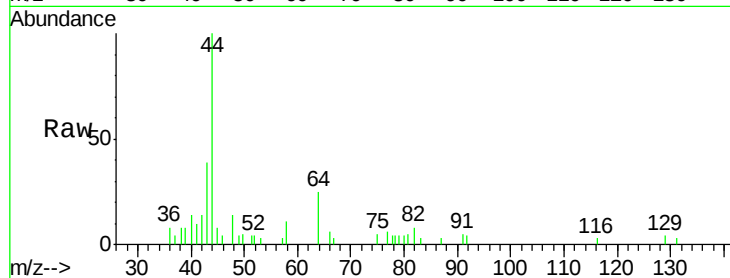
ClientSampled :

Tot Ion: 43 Resp: 956

Ion Ratio Lower Upper

43 100

58 37.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2.45

2.45

2.45

2.45

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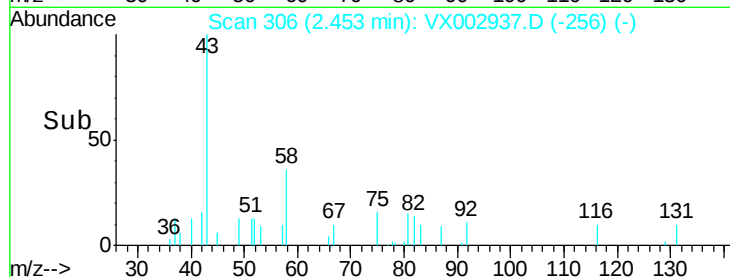
2.45

2.45

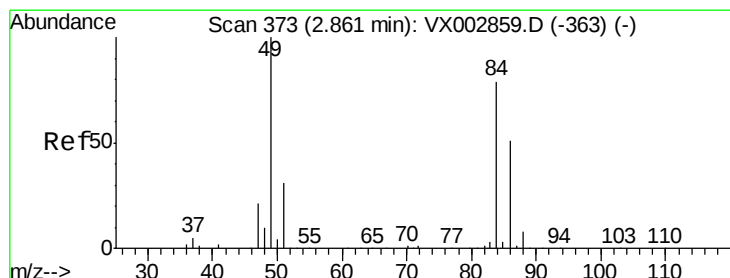
2.45

2.45

2.45



Time-->



#20

Methylene Chloride

Concen: 0.33 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Tgt Ion: 84 Resp: 1009

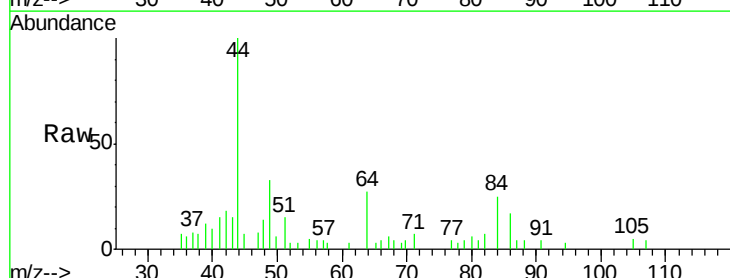
Ion Ratio Lower Upper

84 100

49 129.2 107.8 161.6

51 42.2 32.8 49.2

86 68.6 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.86

2.86

2.86

2.86

2.86

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2.86

2.86

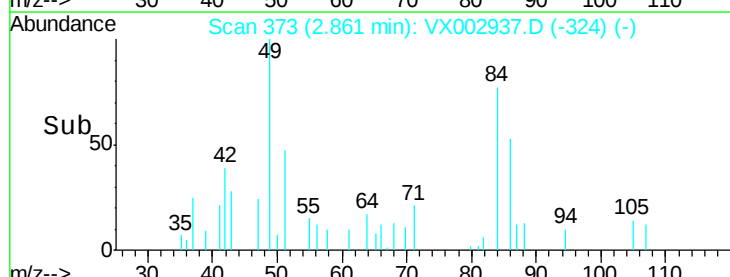
2.86

2.86

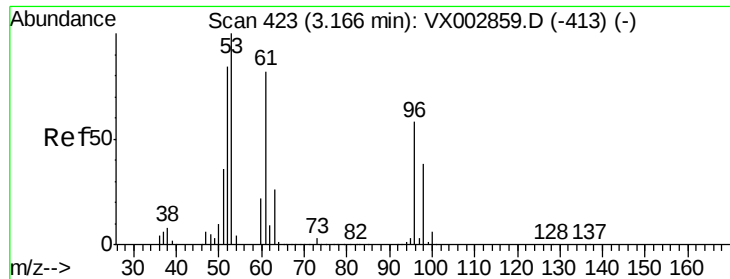
2.86

2.86

2.86



Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.92 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

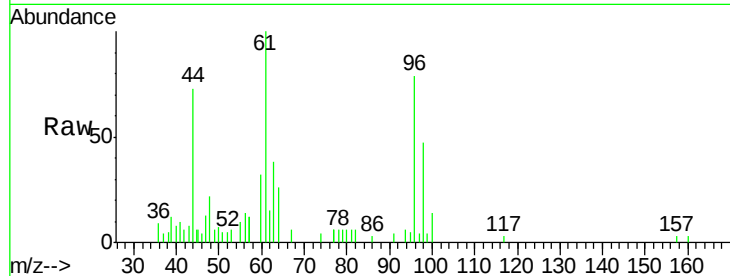
Tot Ion: 96 Resp: 2702

Ion Ratio Lower Upper

96 100

61 126.8 117.0 175.4

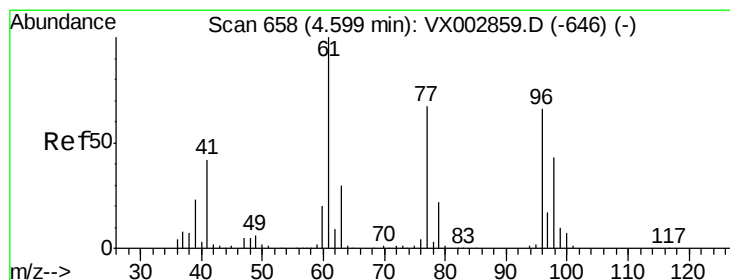
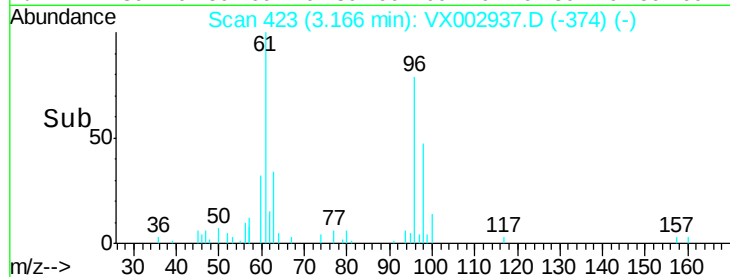
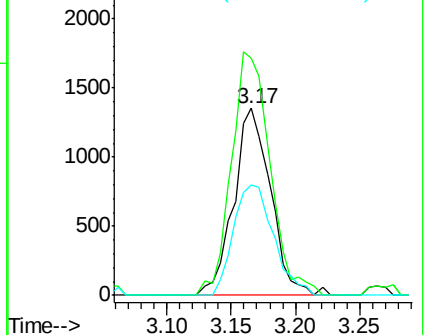
98 59.2 52.4 78.6



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



#27

cis-1,2-Dichloroethene

Concen: 97.03 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

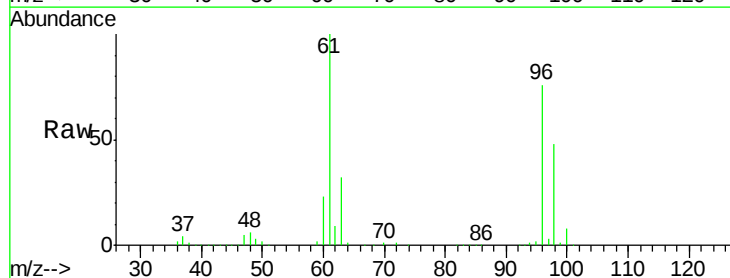
Tgt Ion: 96 Resp: 318589

Ion Ratio Lower Upper

96 100

61 134.5 0.0 330.2

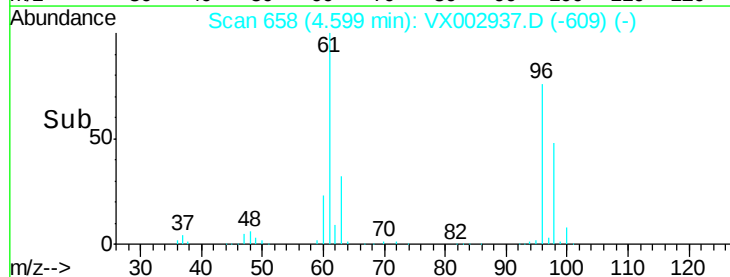
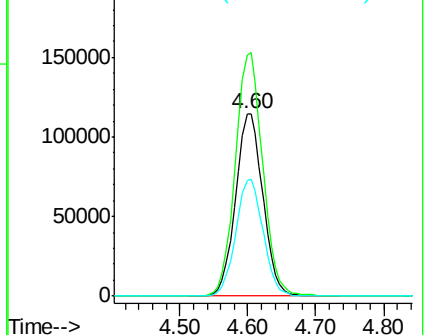
98 64.2 0.0 130.2

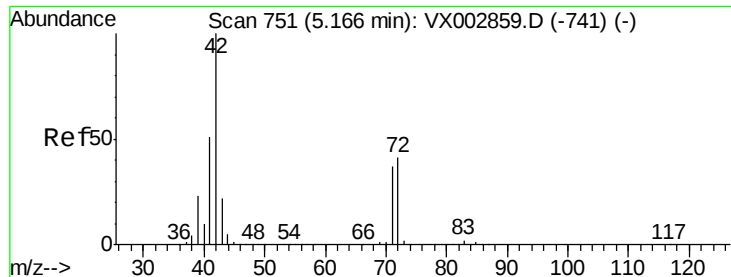


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

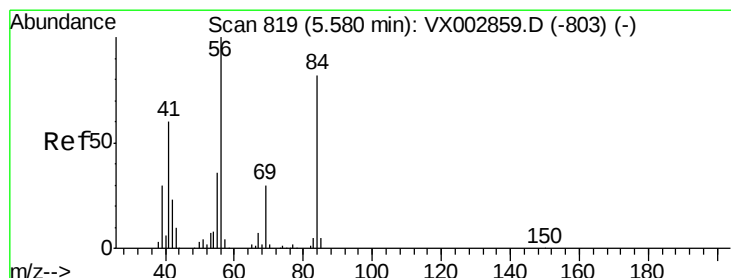
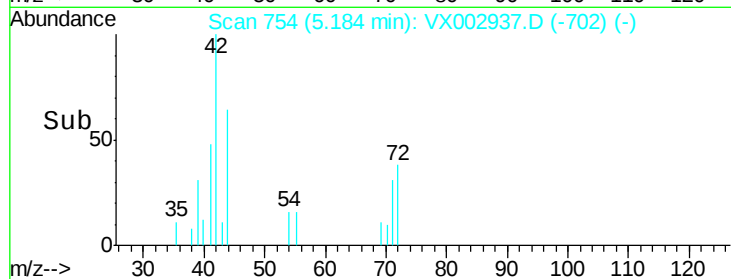
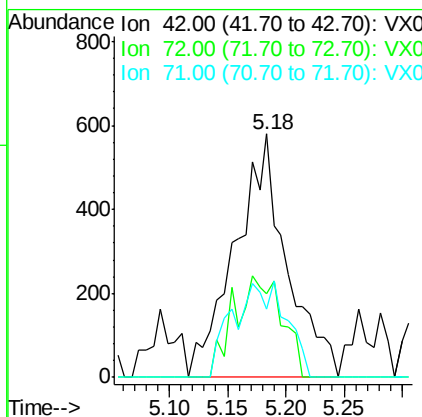
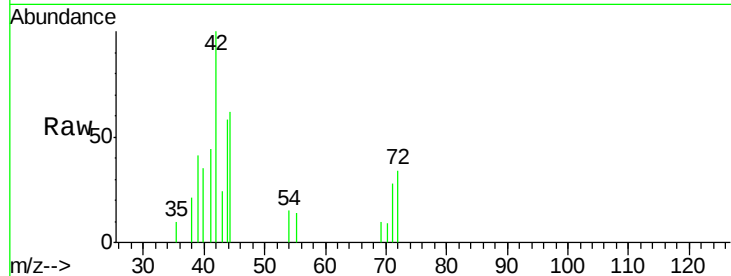




#29
Tetrahydrofuran
Concen: 1.21 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

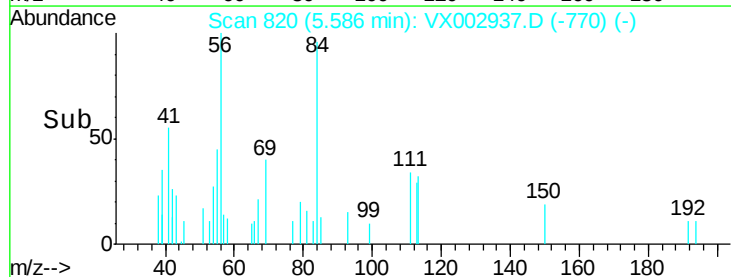
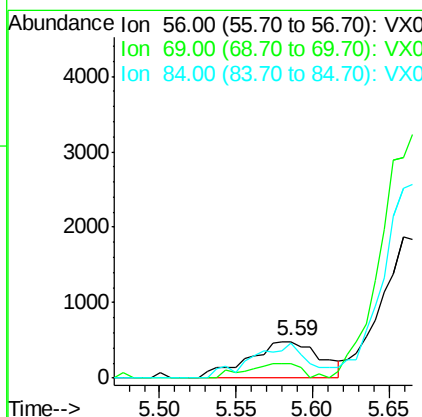
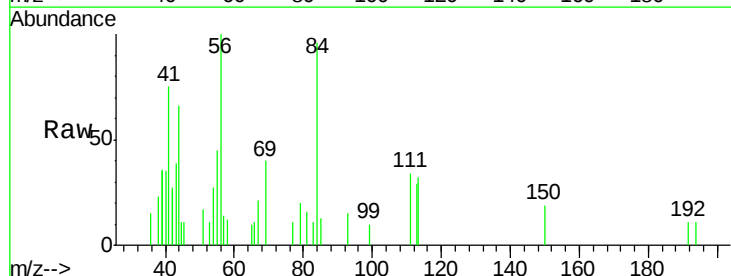
Instrument :
MSVOA_X
ClientSampleId :

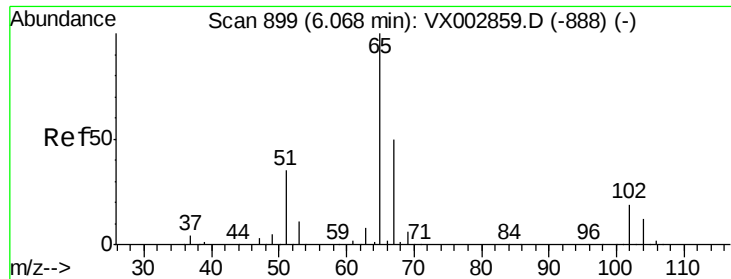
Tot Ion: 42 Resp: 1790
Ion Ratio Lower Upper
42 100
72 38.4 32.0 48.0
71 40.1 30.1 45.1



#31
Cyclohexane
Concen: 0.34 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

Tgt Ion: 56 Resp: 1595
Ion Ratio Lower Upper
56 100
69 39.8 23.7 35.5#
84 96.3 64.1 96.1#

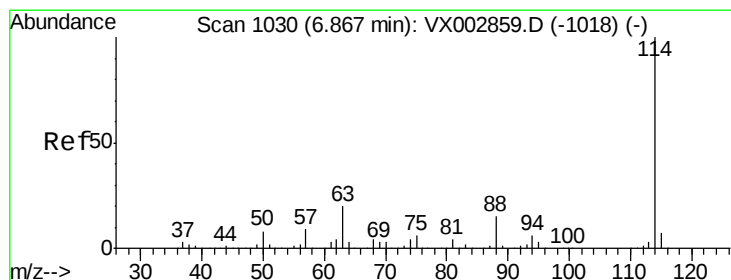
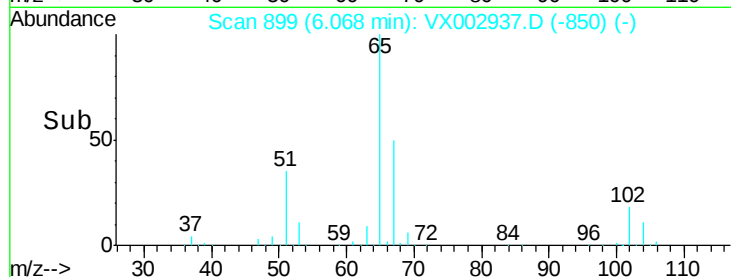
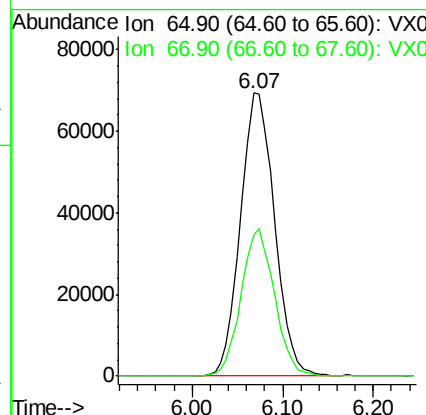
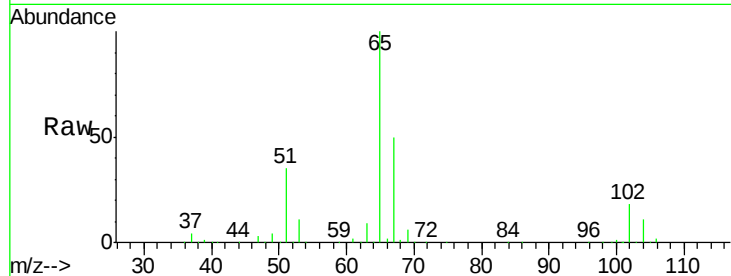




#33
 1,2-Dichloroethane-d4
 Concen: 48.20 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

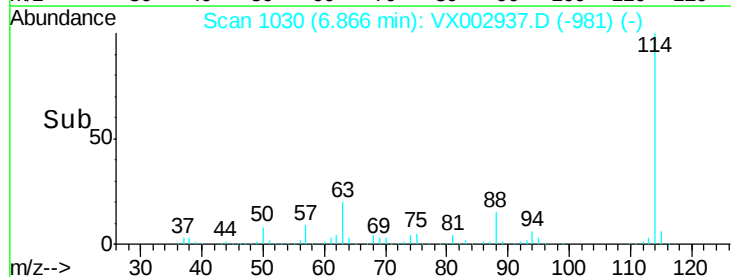
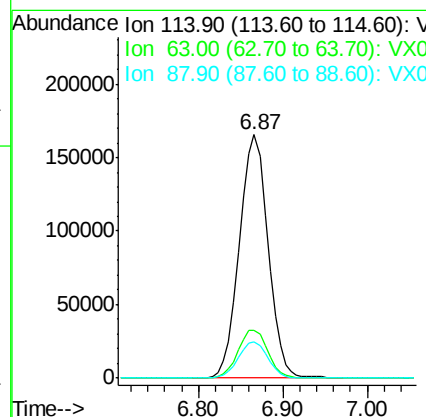
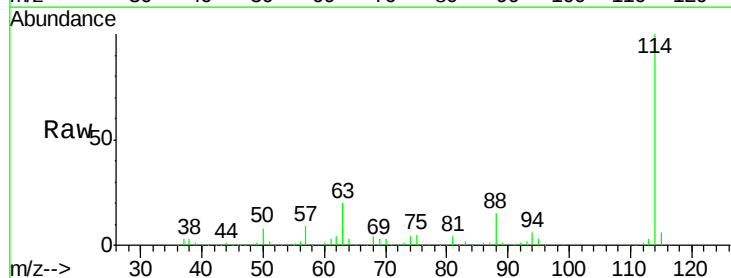
Instrument :
 MSVOA_X
 ClientSampleId :

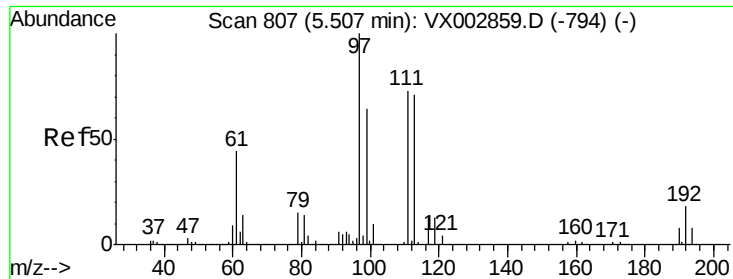
Tot Ion: 65 Resp: 181636
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

Tgt Ion: 114 Resp: 381651
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 15.1 0.0 30.0

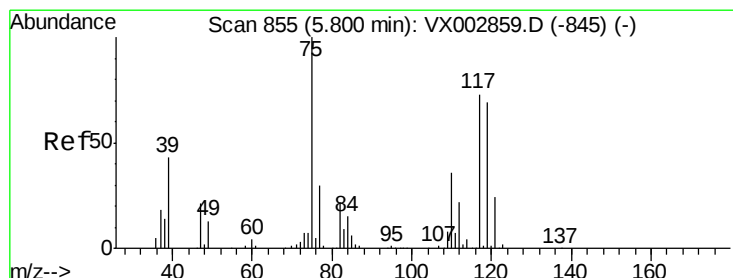
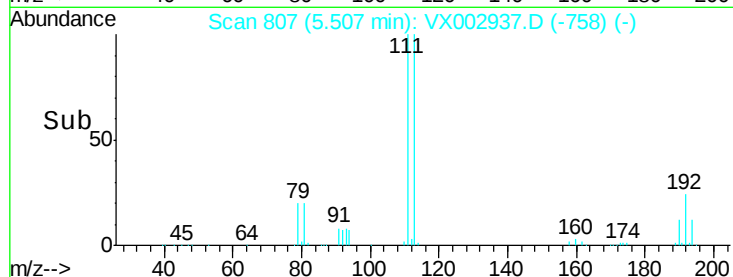
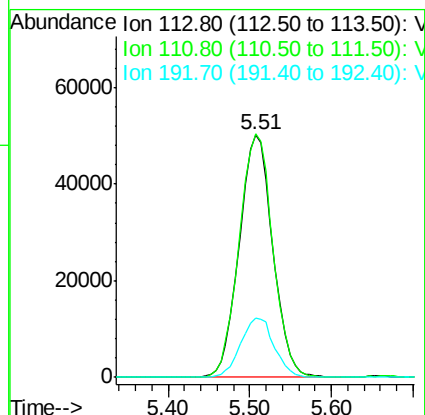
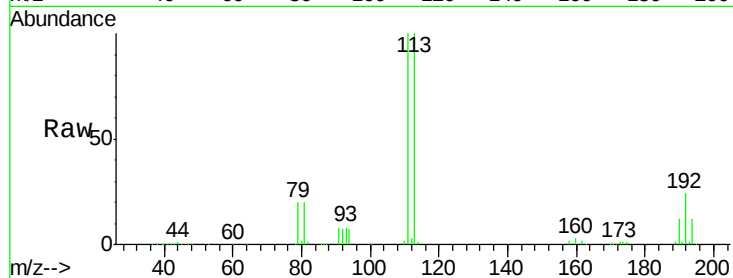




#35
 Dibromofluoromethane
 Concen: 47.26 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

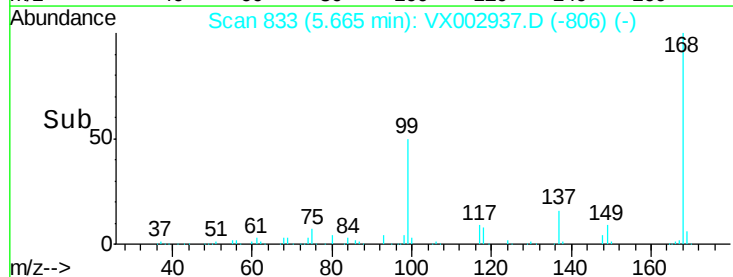
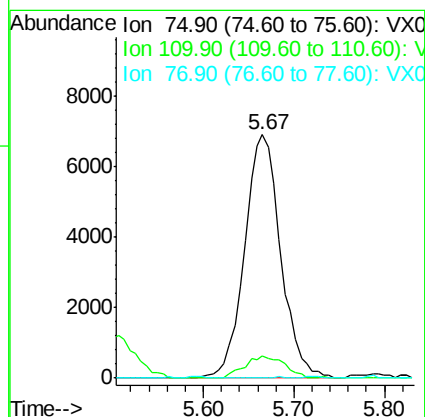
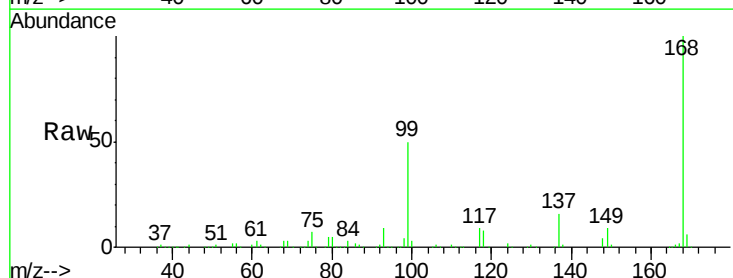
Instrument :
 MSVOA_X
 ClientSampleId :

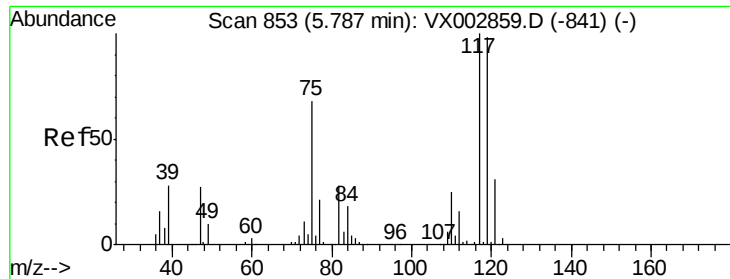
Tot Ion:113 Resp: 142846
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 24.4 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.53 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

Tgt Ion: 75 Resp: 18966
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.1 54.4#
 77 0.1 24.3 36.5#

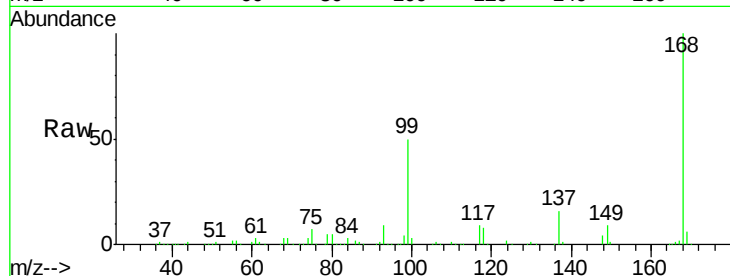




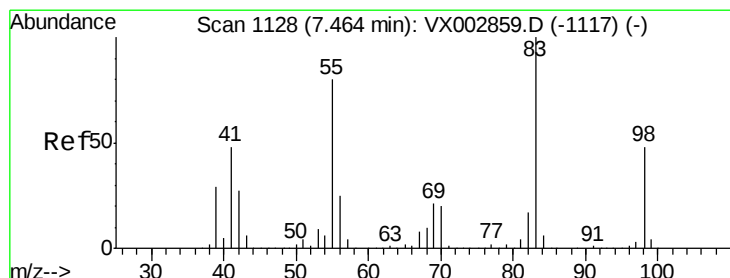
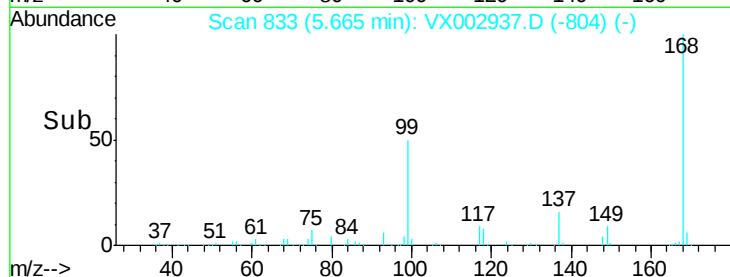
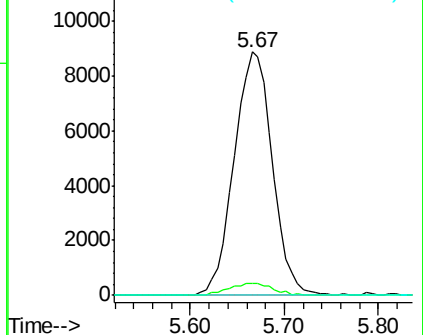
#38
Carbon Tetrachloride
Concen: 5.47 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 25139
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.0#
121 0.0 24.4 36.6#

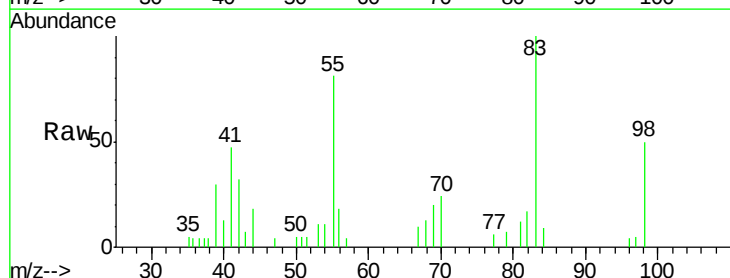


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

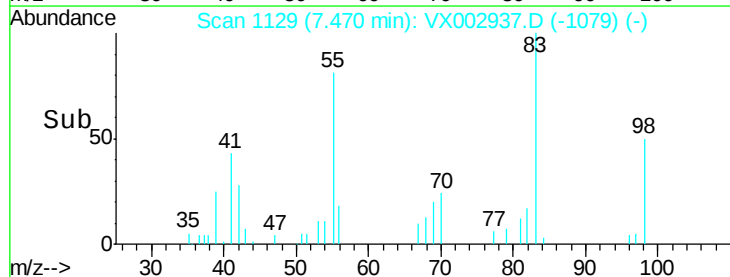
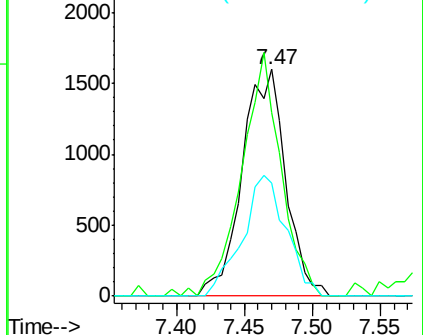


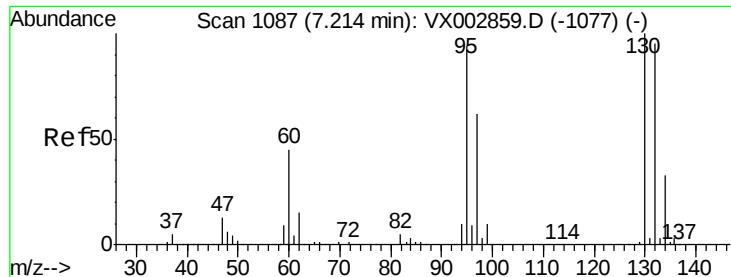
#39
Methylcyclohexane
Concen: 0.74 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

Tgt Ion: 83 Resp: 3585
Ion Ratio Lower Upper
83 100
55 81.1 65.4 98.0
98 49.7 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

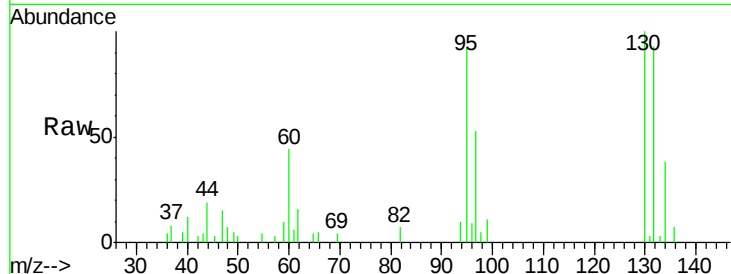




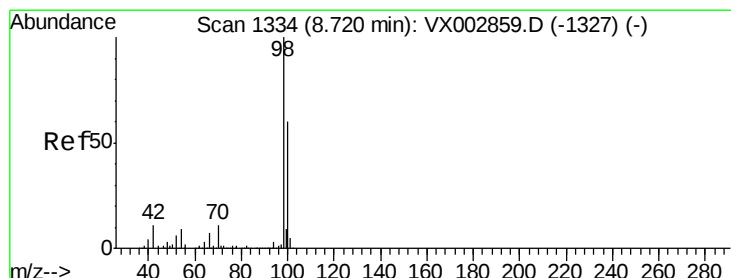
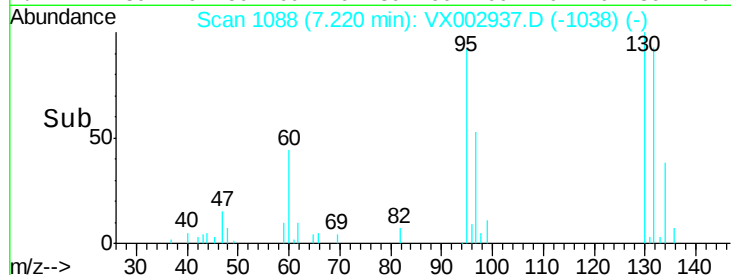
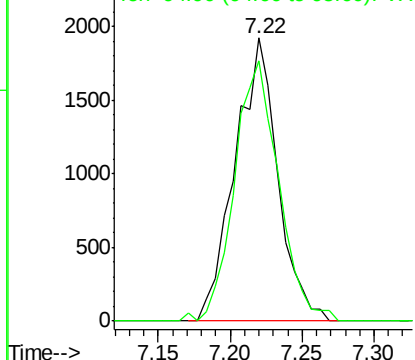
#44
 Trichloroethene
 Concen: 1.10 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 3971
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 185.4

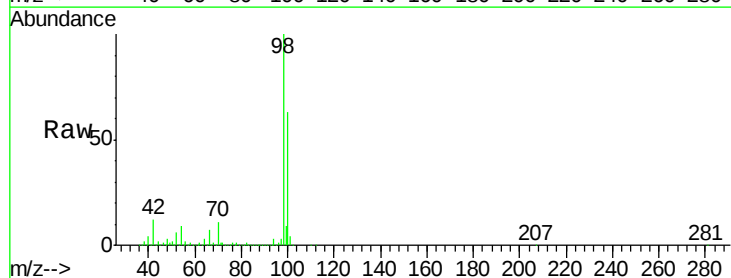


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

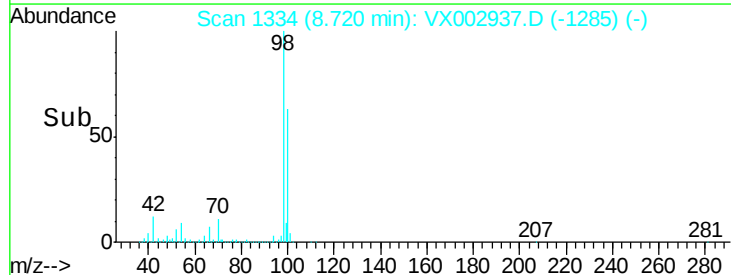
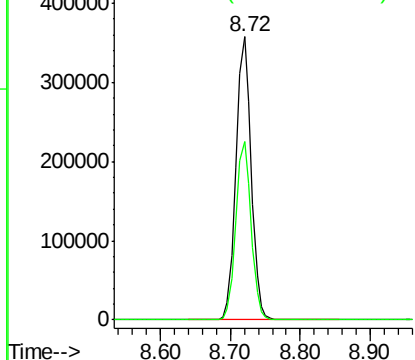


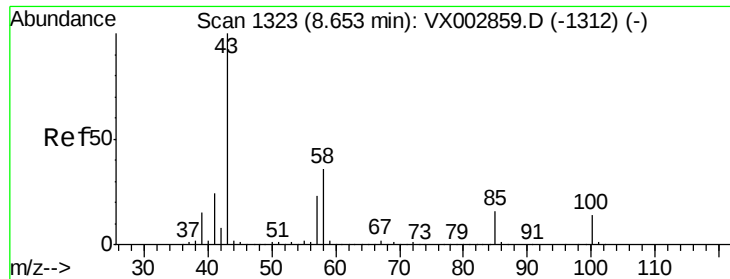
#50
 Toluene-d8
 Concen: 49.02 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

Tgt Ion: 98 Resp: 541041
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 0.50 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

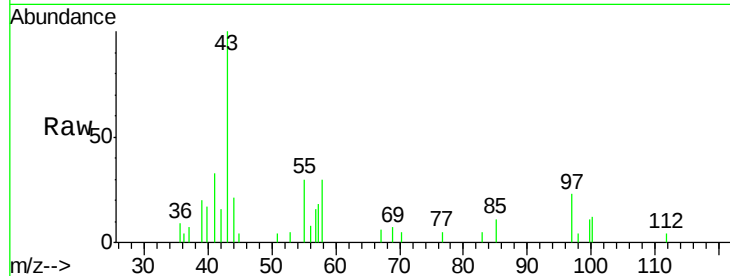
ClientSampleId :

Tot Ion: 43 Resp: 2367

Ion Ratio Lower Upper

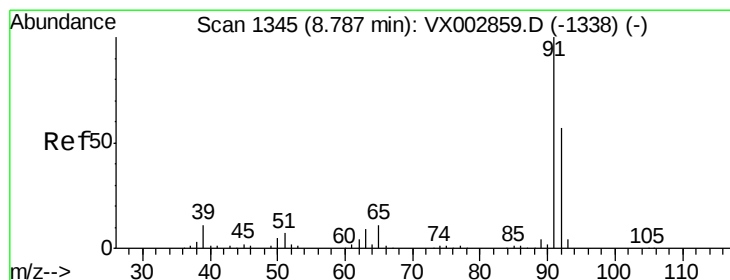
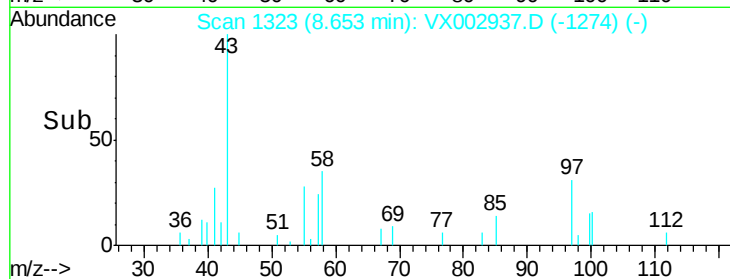
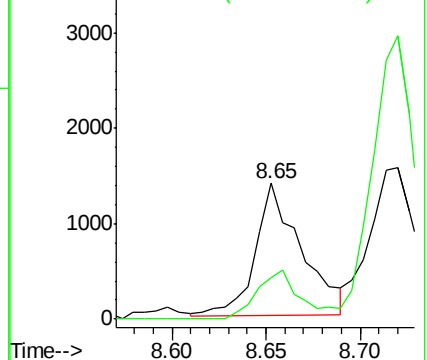
43 100

58 32.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 3.96 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002937.D

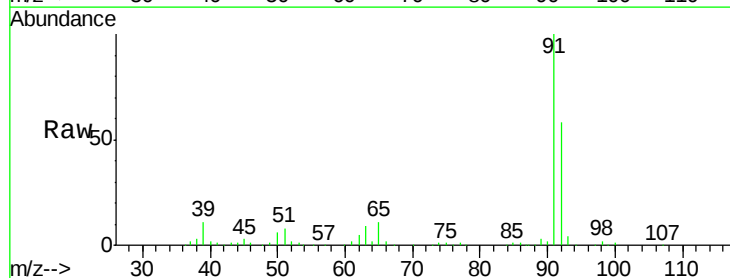
Acq: 27 Jun 2018 15:37

Tgt Ion: 92 Resp: 30844

Ion Ratio Lower Upper

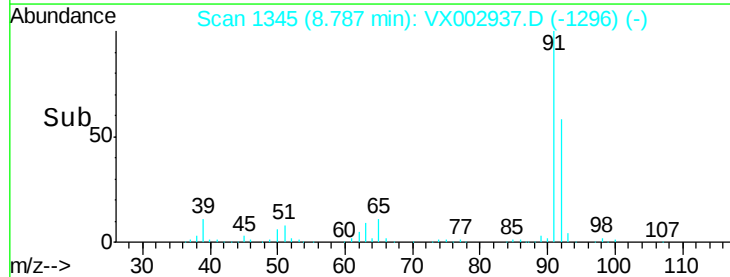
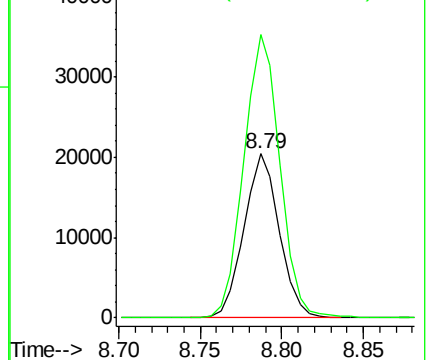
92 100

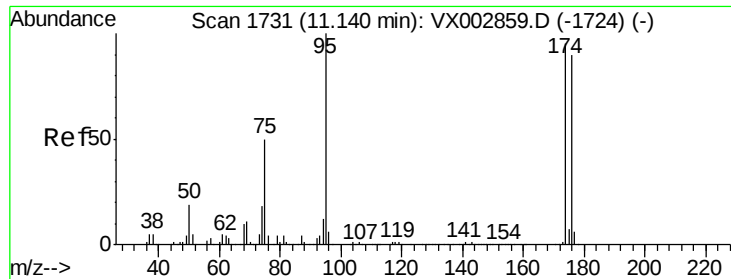
91 176.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

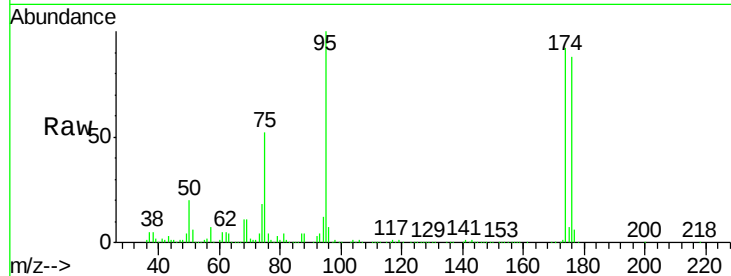
Tot Ion: 95 Resp: 200464

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

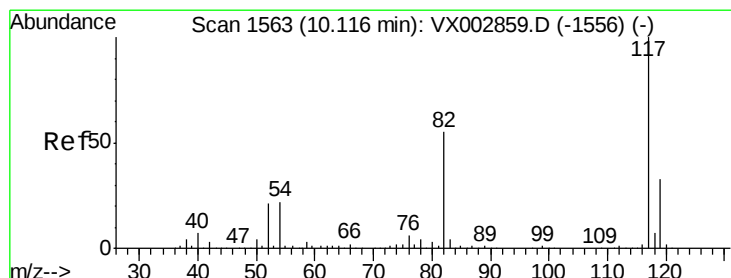
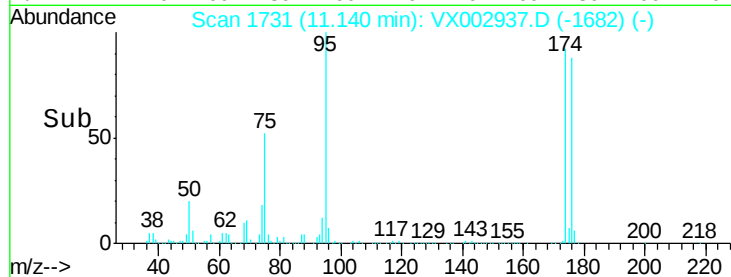
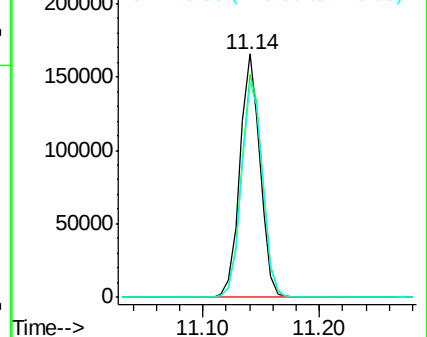
176 91.8 0.0 181.0



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

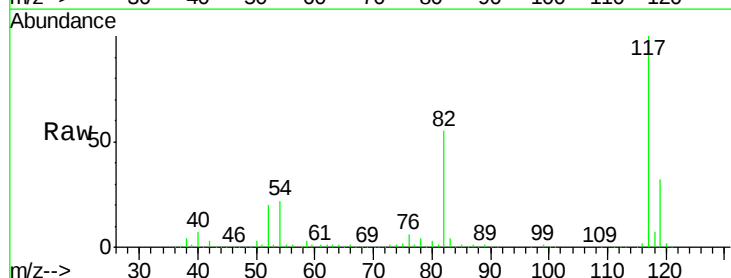
Tgt Ion: 117 Resp: 358205

Ion Ratio Lower Upper

117 100

82 54.6 45.0 67.4

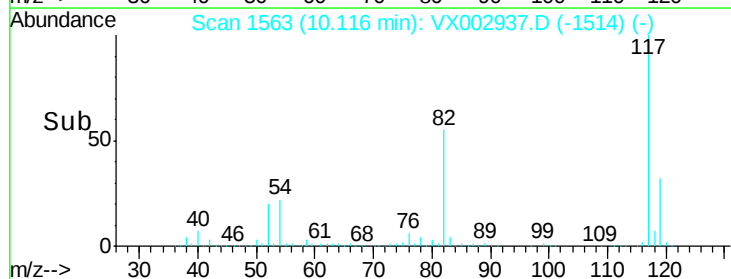
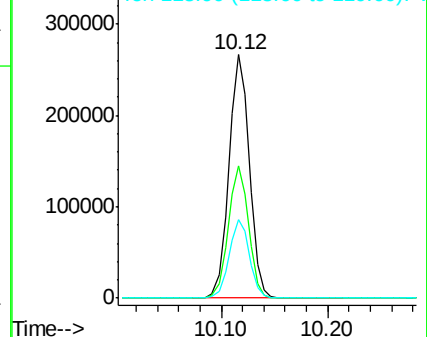
119 32.0 25.8 38.6

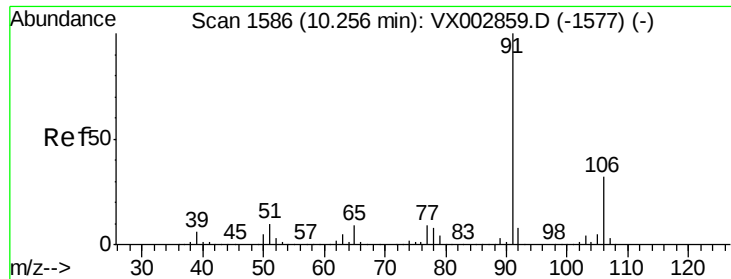


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

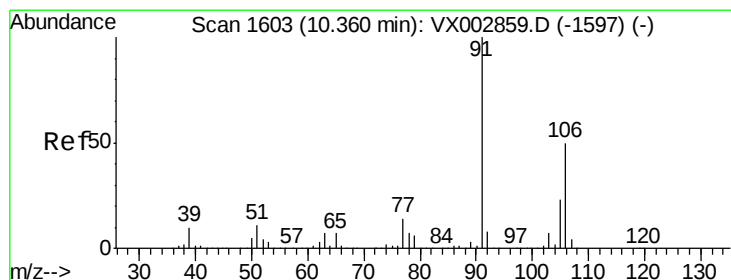
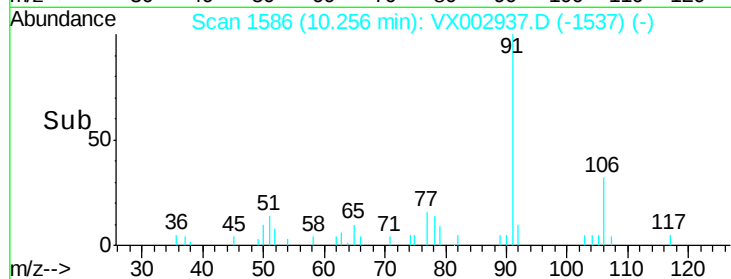
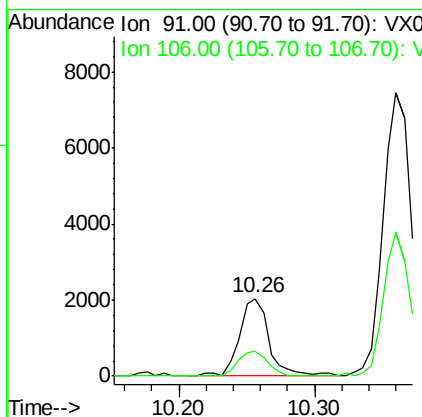
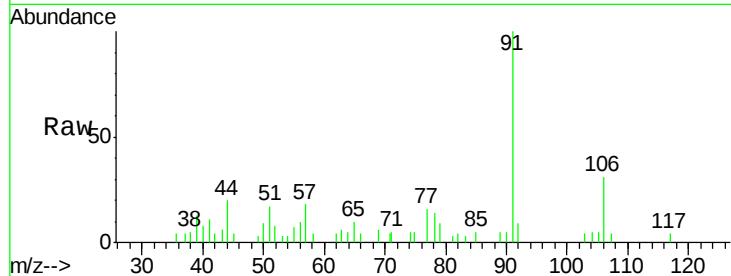




#67
Ethyl Benzene
Concen: 0.20 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

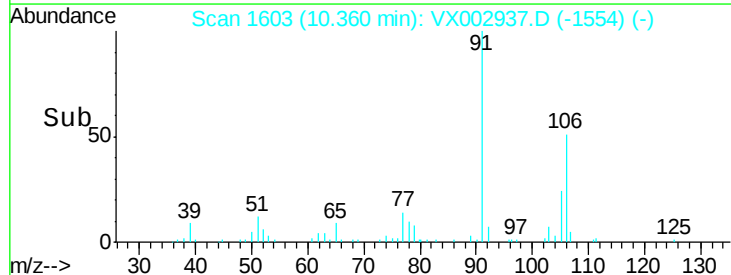
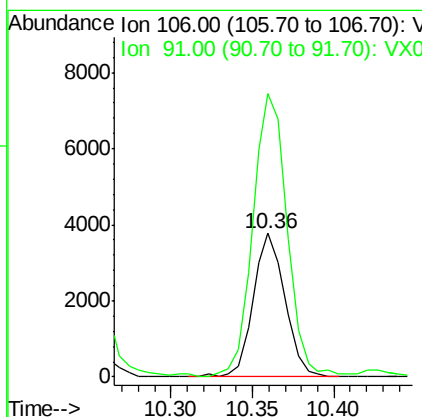
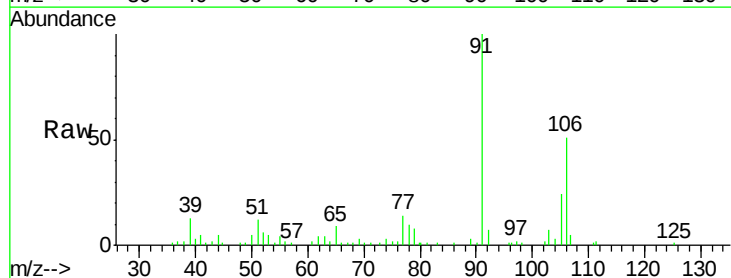
Instrument :
MSVOA_X
ClientSampleId :

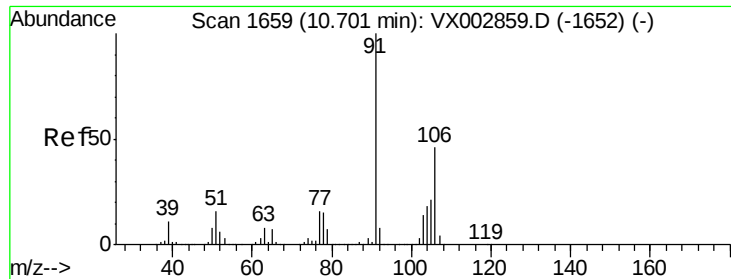
Tot Ion: 91 Resp: 3077
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 0.88 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

Tgt Ion: 106 Resp: 5090
Ion Ratio Lower Upper
106 100
91 213.4 163.4 245.2

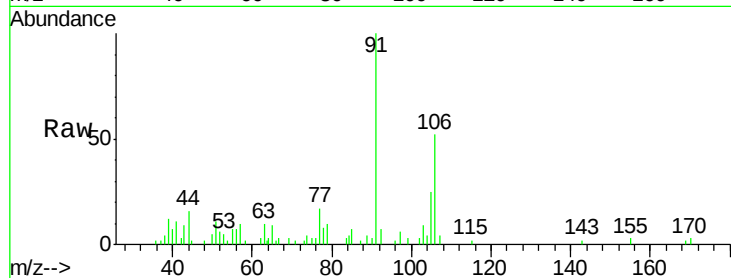




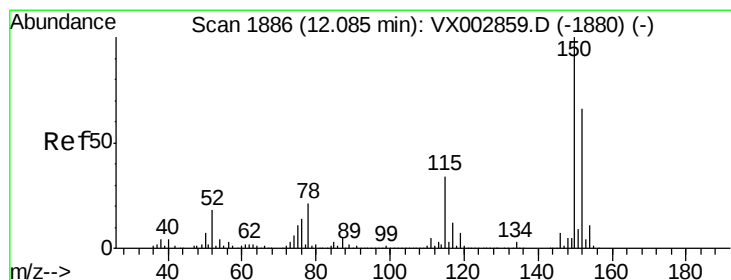
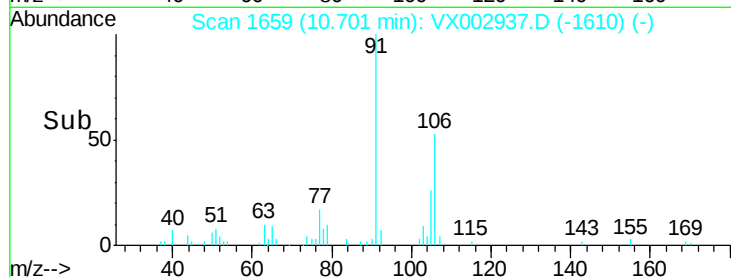
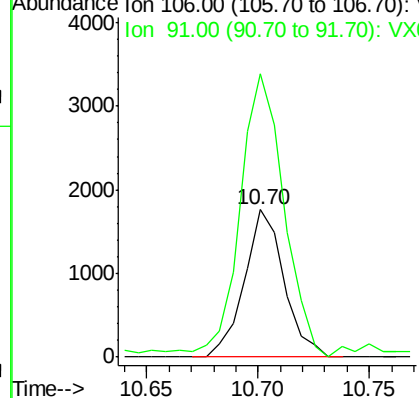
#69
o-Xylene
Concen: 0.39 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 2193
Ion Ratio Lower Upper
106 100
91 217.9 108.2 324.6

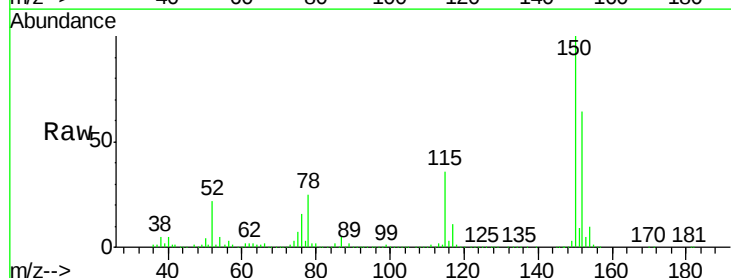


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

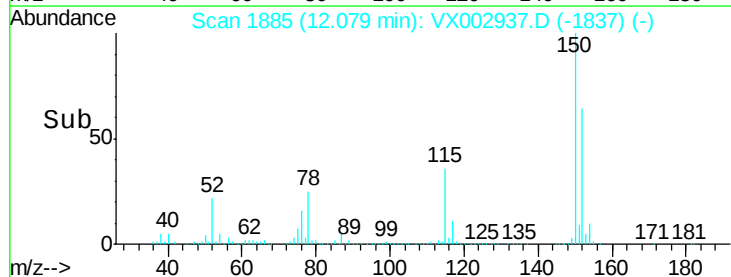
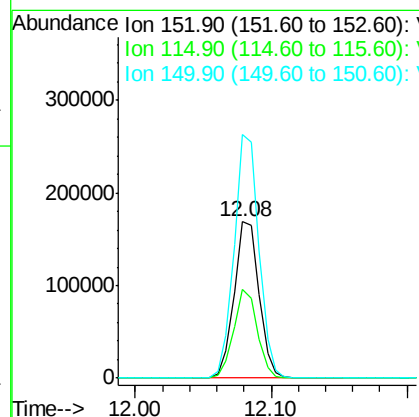


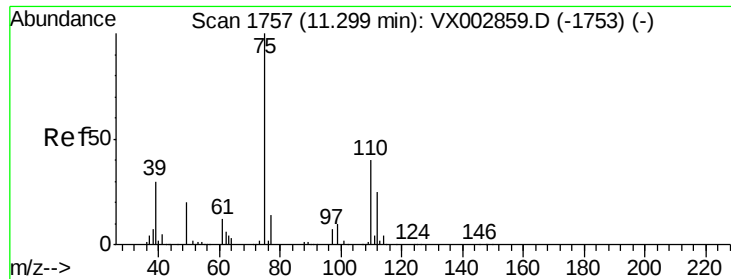
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

Tgt Ion:152 Resp: 214240
Ion Ratio Lower Upper
152 100
115 53.9 40.1 120.2
150 155.4 0.0 347.2



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

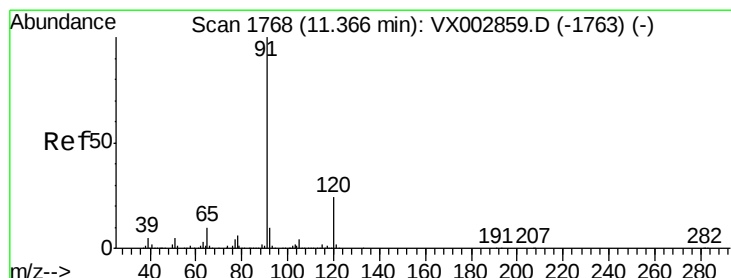
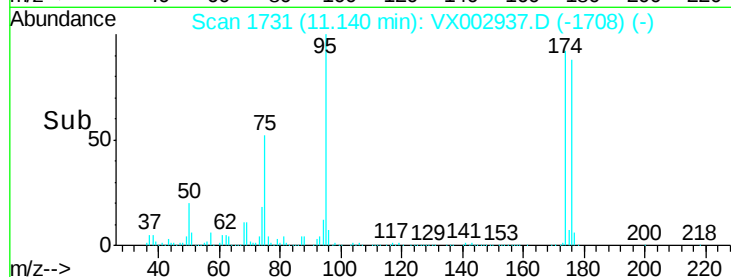
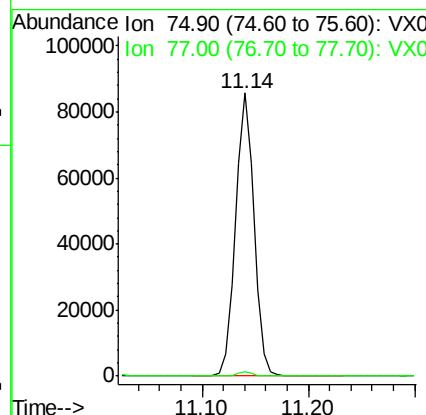
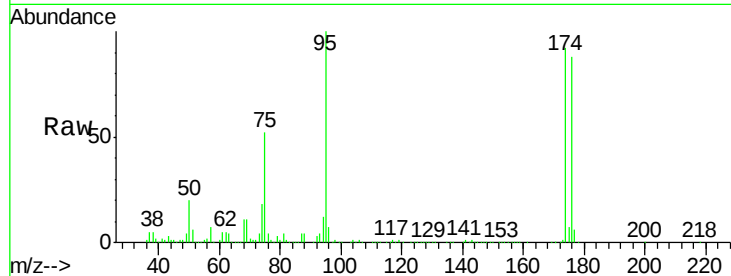




#76
 1,2,3-Trichloropropane
 Concen: 27.01 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

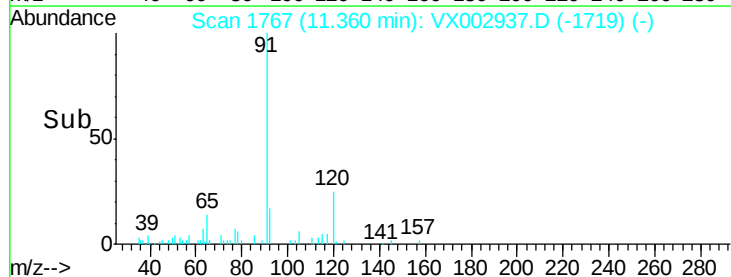
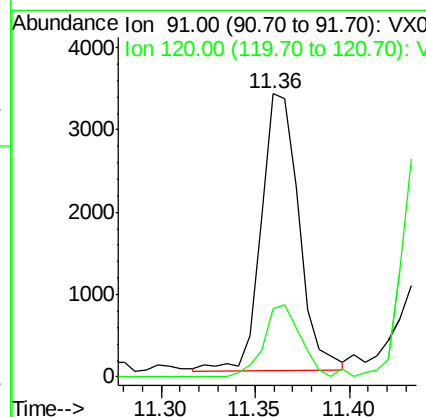
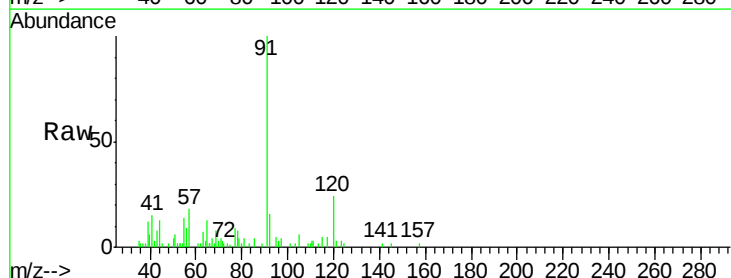
Instrument :
 MSVOA_X
 ClientSampleId :

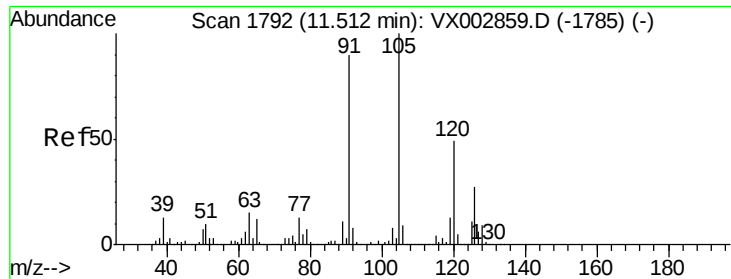
Tot Ion: 75 Resp: 104814
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.8 68.3#



#78
 n-propylbenzene
 Concen: 0.28 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

Tgt Ion: 91 Resp: 4641
 Ion Ratio Lower Upper
 91 100
 120 25.6 11.8 35.4

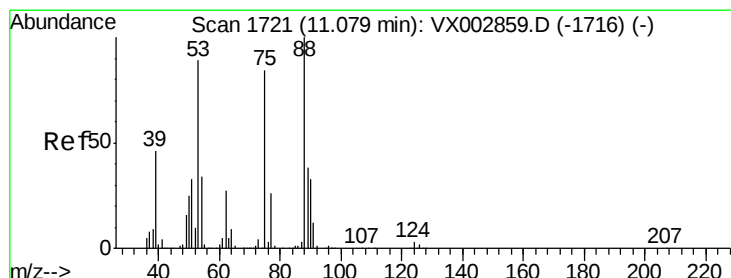
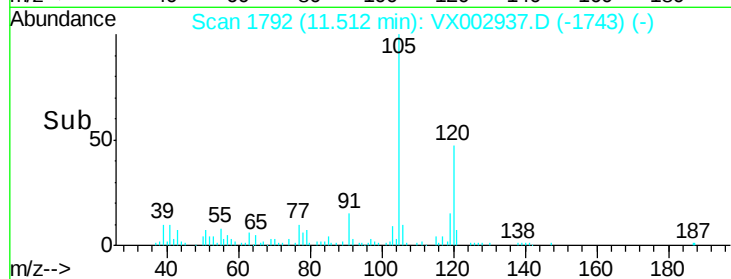
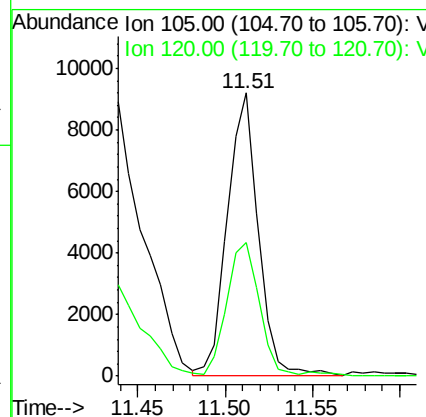
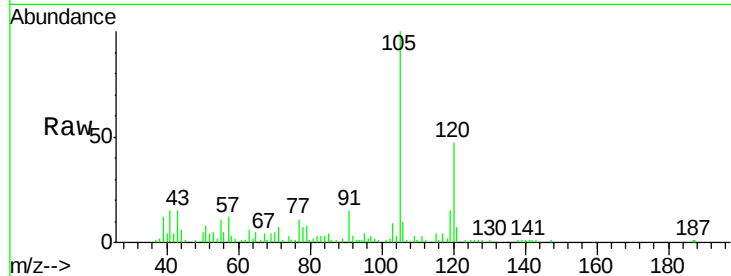




#80
 1,3,5-Trimethylbenzene
 Concen: 0.94 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

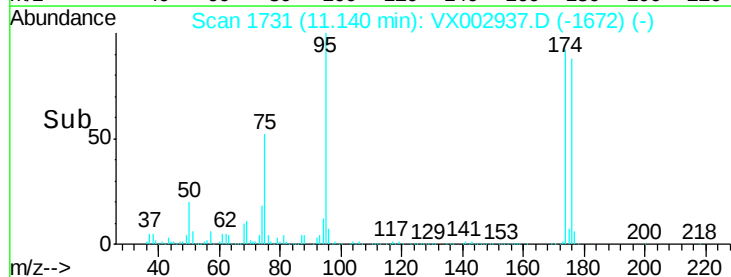
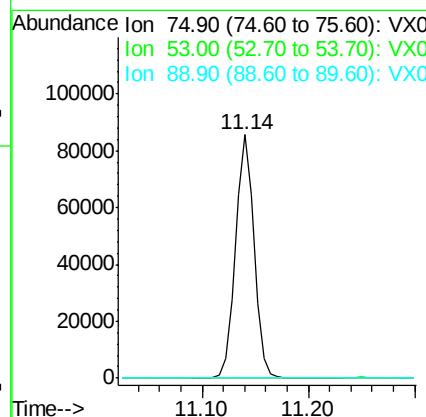
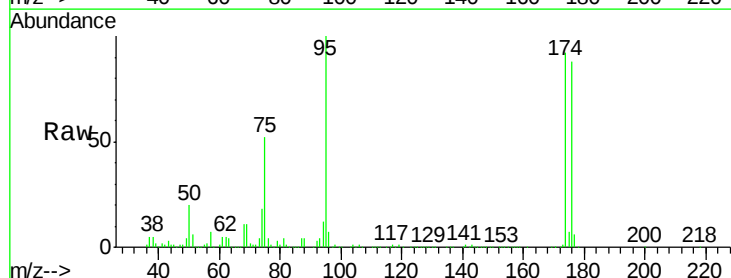
Instrument :
 MSVOA_X
 ClientSampleId :

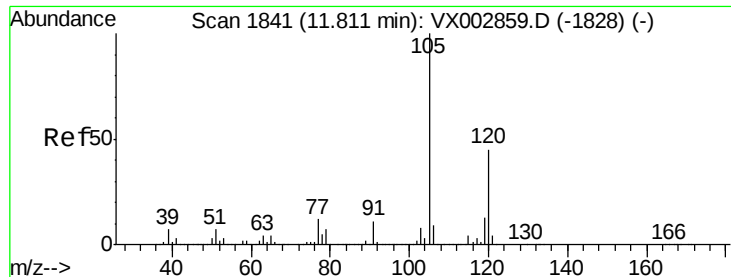
Tot Ion:105 Resp: 11394
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.46 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

Tgt Ion: 75 Resp: 104814
 Ion Ratio Lower Upper
 75 100
 53 0.3 86.8 130.2#
 89 0.0 38.2 57.2#





#84

1,2,4-Trimethylbenzene

Concen: 2.15 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

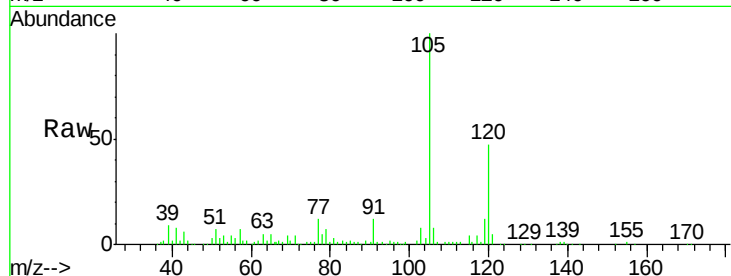
ClientSampleId :

Tot Ion:105 Resp: 27005

Ion Ratio Lower Upper

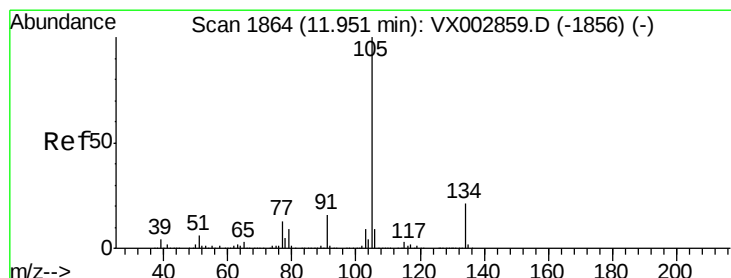
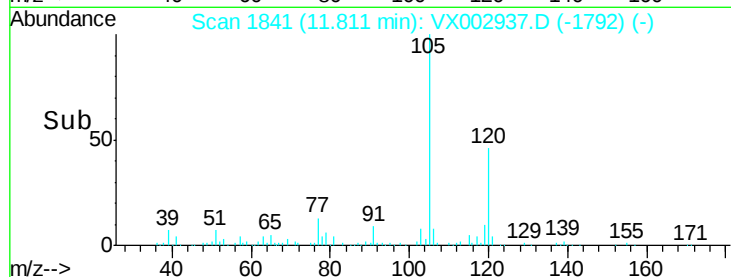
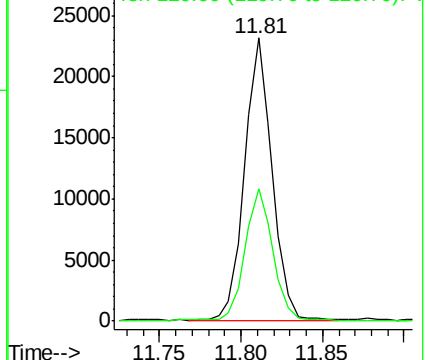
105 100

120 48.0 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.30 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002937.D

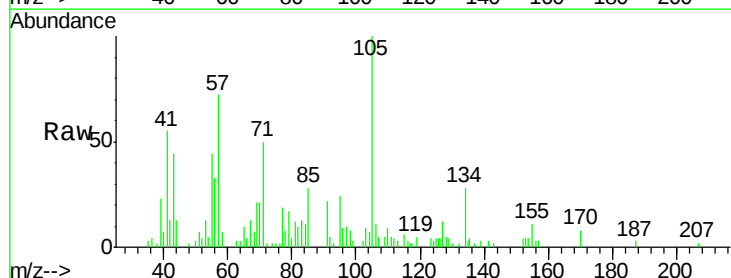
Acq: 27 Jun 2018 15:37

Tgt Ion:105 Resp: 4351

Ion Ratio Lower Upper

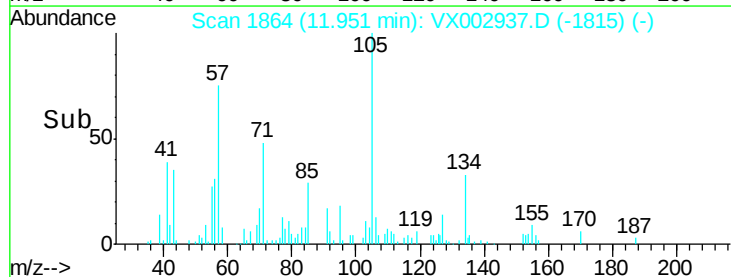
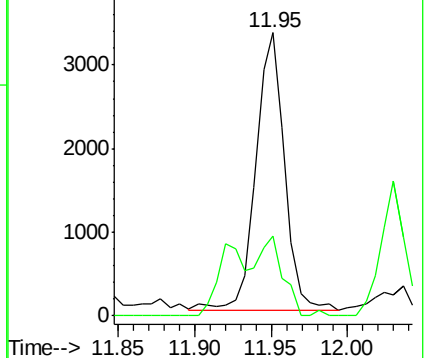
105 100

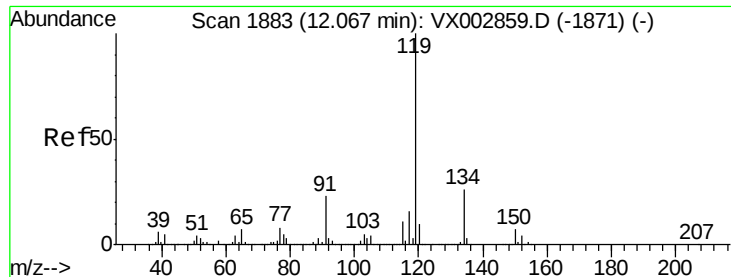
134 21.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

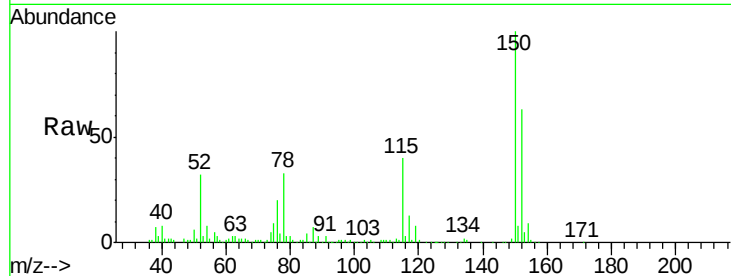




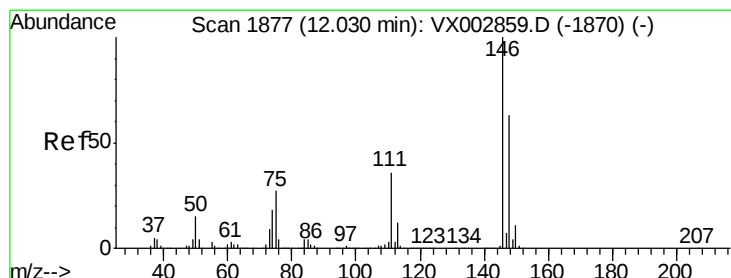
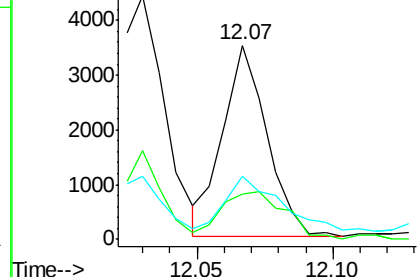
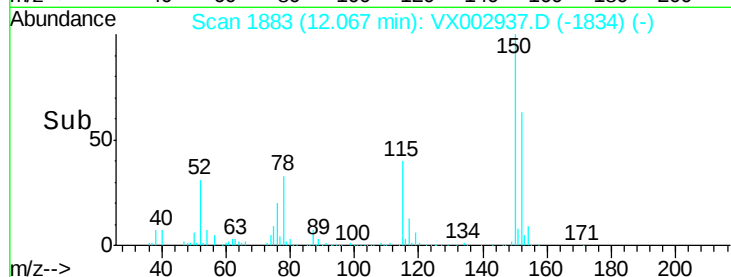
#86
 p-Isopropyltoluene
 Concen: 0.30 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 3943
 Ion Ratio Lower Upper
 119 100
 134 35.8 13.4 40.1
 91 35.1 11.9 35.7

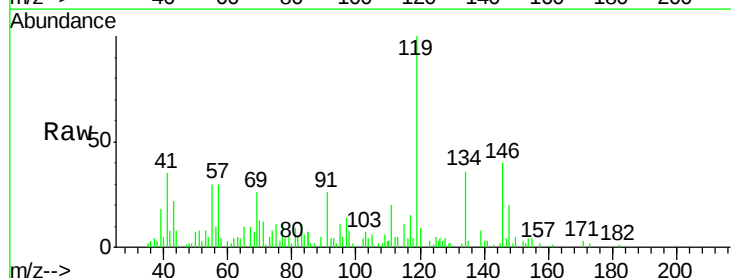


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

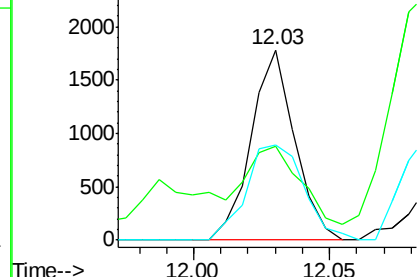
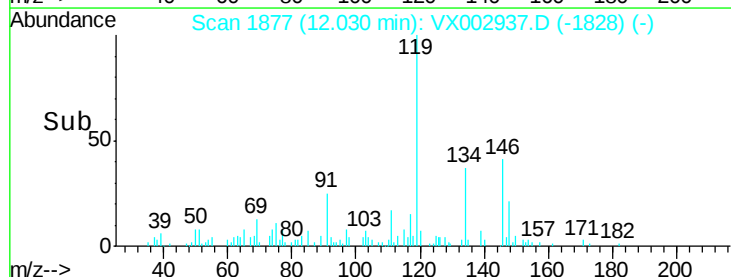


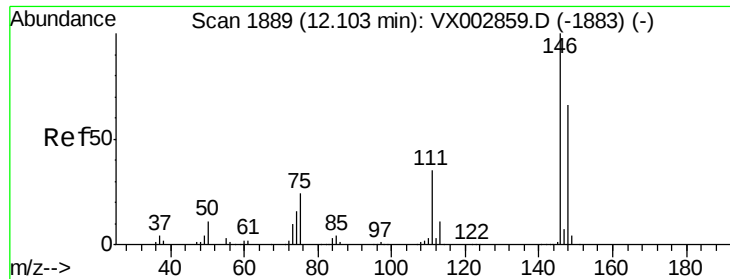
#87
 1,3-Dichlorobenzene
 Concen: 0.26 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

Tgt Ion:146 Resp: 1983
 Ion Ratio Lower Upper
 146 100
 111 51.3 18.9 56.7
 148 66.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

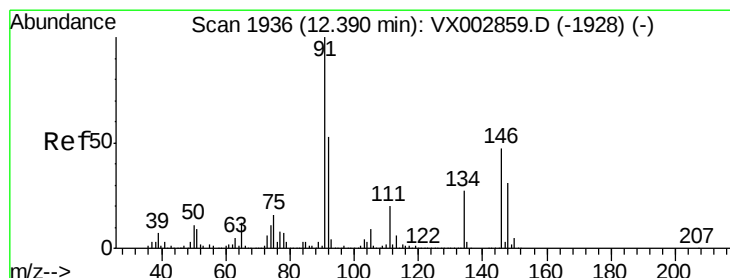
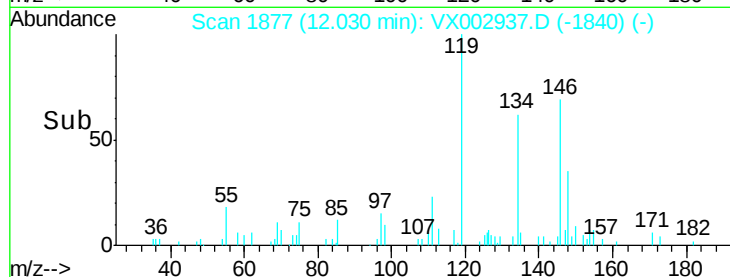
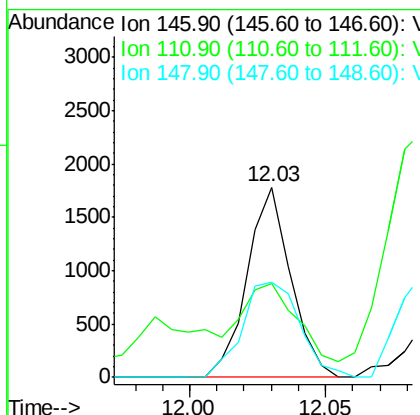
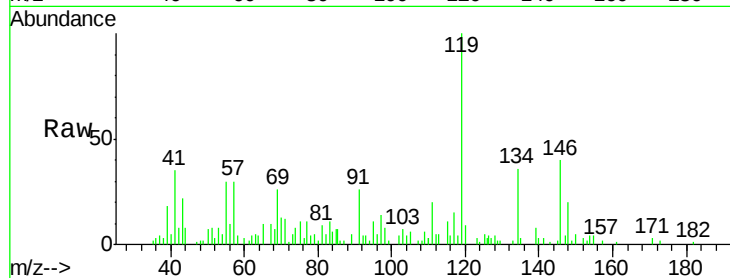




#88
 1,4-Dichlorobenzene
 Concen: 0.26 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

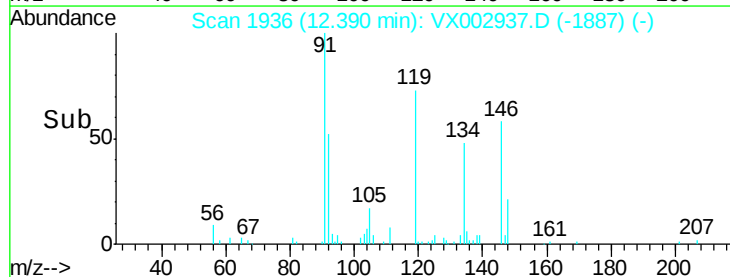
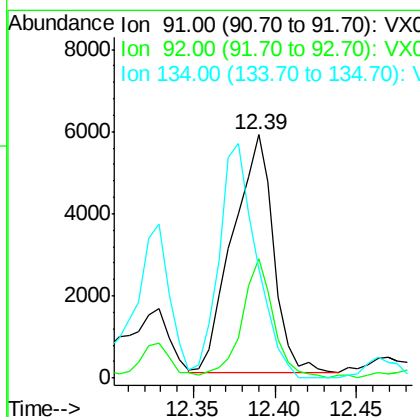
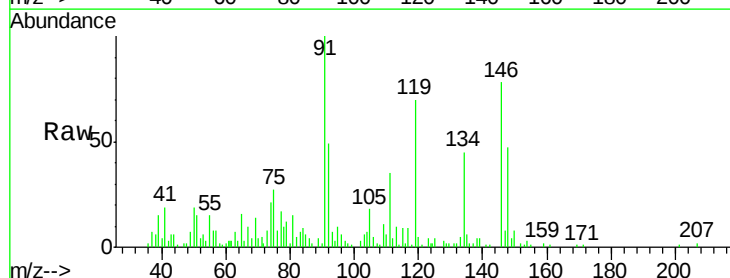
Instrument :
 MSVOA_X
 ClientSampled :

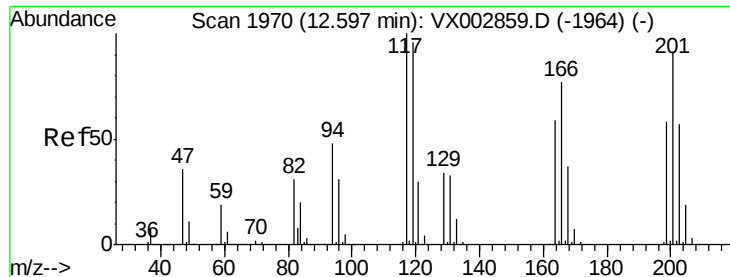
Tot Ion:146 Resp: 1983
 Ion Ratio Lower Upper
 146 100
 111 53.3 18.7 56.1
 148 66.2 32.4 97.0



#89
 n-Butylbenzene
 Concen: 0.89 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002937.D
 Acq: 27 Jun 2018 15:37

Tgt Ion: 91 Resp: 10085
 Ion Ratio Lower Upper
 91 100
 92 39.4 26.0 78.0
 134 91.0 13.5 40.5#





#90

Hexachloroethane

Concen: 0.75 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

Instrument :

MSVOA_X

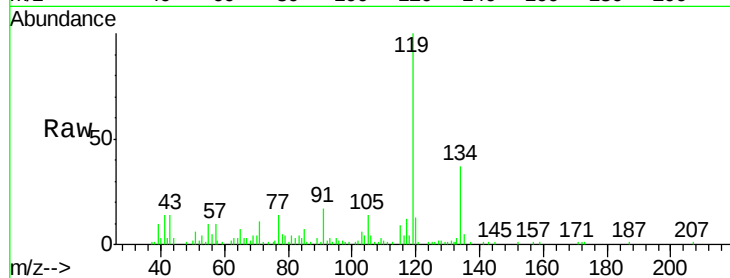
ClientSampled :

Tot Ion:117 Resp: 1453

Ion Ratio Lower Upper

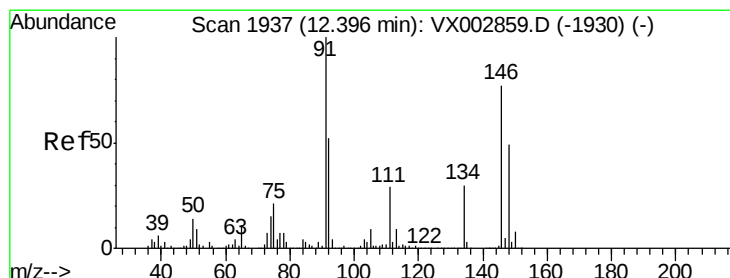
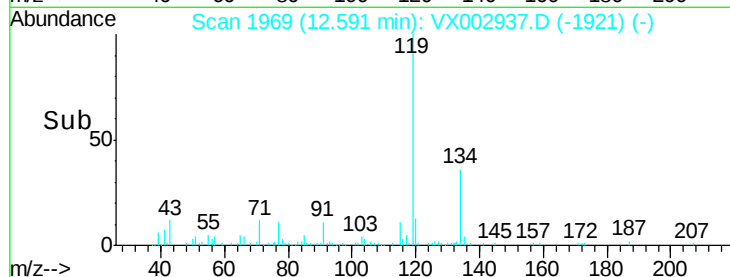
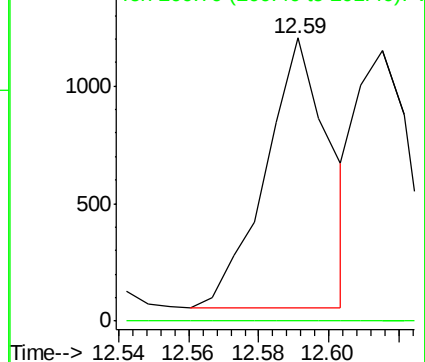
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.98 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002937.D

Acq: 27 Jun 2018 15:37

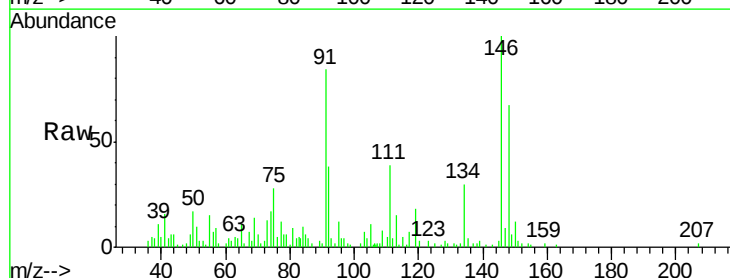
Tgt Ion:146 Resp: 7393

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.1

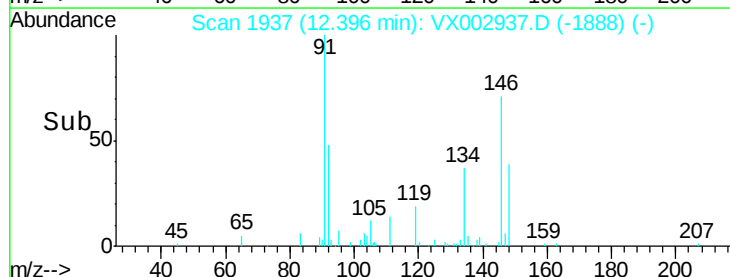
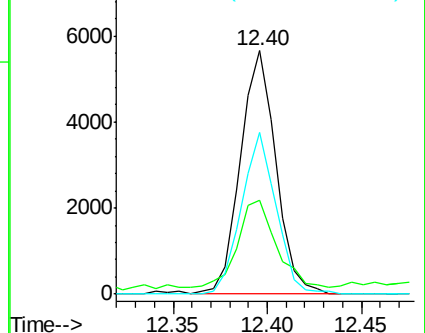
148 65.1 31.7 95.1

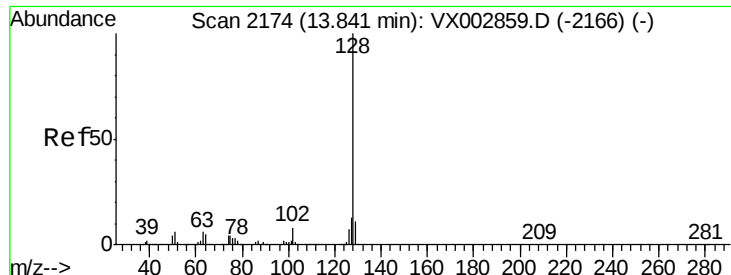


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

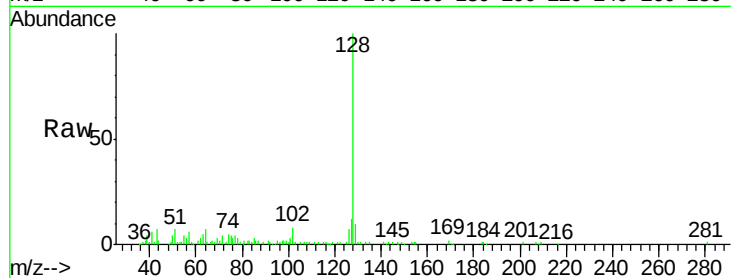




#95
Naphthalene
Concen: 1.25 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX002937.D
Acq: 27 Jun 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	12.8	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

