

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003446.D
 Acq On : 18 Jul 2018 14:41
 Operator : JC/MD
 Sample : J4006-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 01:40:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	434284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	433067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	190338	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	5.51	113	162512	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
50) Toluene-d8	8.72	98	642720	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	223413	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1062	0.29	ug/l	97
5) Bromomethane	1.64	94	3175	Below	Cal	83
6) Chloroethane	1.73	64	264	Below	Cal #	79
10) Methyl Iodide	2.52	142	5642	1.58	ug/l	90
11) Tert butyl alcohol	3.08	59	286	0.32	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	717	0.23	ug/l	86
13) Acrolein	2.30	56	459	1.08	ug/l #	74
15) Acrylonitrile	3.15	53	1402	0.69	ug/l #	91
16) Acetone	2.45	43	163891	100.24	ug/l #	88
17) Carbon Disulfide	2.57	76	6524	0.75	ug/l #	90
18) Methyl Acetate	2.78	43	1252	0.24	ug/l	92
20) Methylene Chloride	2.86	84	1923	Below	Cal	85
21) trans-1,2-Dichloroethene	3.16	96	1054	0.31	ug/l #	77
25) 2-Butanone	4.71	43	44135	17.25	ug/l	97
29) Tetrahydrofuran	5.17	42	43251	26.65	ug/l	93
36) 1,1-Dichloropropene	5.80	75	1138	0.26	ug/l #	86
37) Ethyl Acetate	4.71	43	44135	8.91	ug/l #	70
38) Carbon Tetrachloride	5.67	117	26063	5.82	ug/l #	16
39) Methylcyclohexane	7.46	83	1140	0.23	ug/l	90
41) Methacrylonitrile	5.17	41	24625	9.04	ug/l #	49
44) Trichloroethene	7.21	130	781	0.20	ug/l	96
52) Toluene	8.79	92	2207	0.26	ug/l	94
68) m/p-Xylenes	10.36	106	2527	0.39	ug/l	90
76) 1,2,3-Trichloropropane	11.14	75	104800	25.92	ug/l #	33
78) n-propylbenzene	11.37	91	3830	0.24	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	104800	84.22	ug/l #	7
82) 4-Chlorotoluene	11.51	91	2778	0.24	ug/l	100
85) sec-Butylbenzene	11.95	105	3074	0.22	ug/l	93
86) p-Isopropyltoluene	12.07	119	2787	0.23	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	2307	0.31	ug/l	92
88) 1,4-Dichlorobenzene	12.03	146	2307	0.31	ug/l	92
89) n-Butylbenzene	12.39	91	3376	0.32	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	1637	0.22	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	2799	0.55	ug/l	97

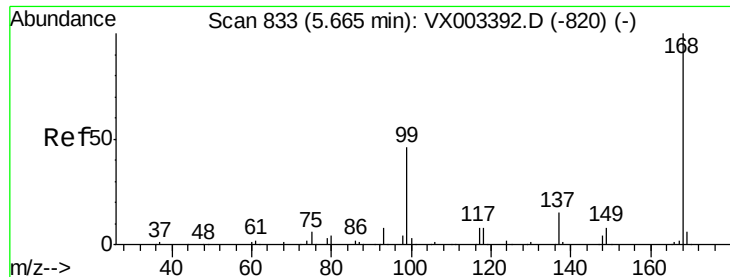
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
Data File : VX003446.D
Acq On : 18 Jul 2018 14:41
Operator : JC/MD
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Quant Time: Jul 19 01:40:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	1328	0.54	ug/l	98
95) Naphthalene	13.83	128	7416	0.51	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	2331	0.44	ug/l	95

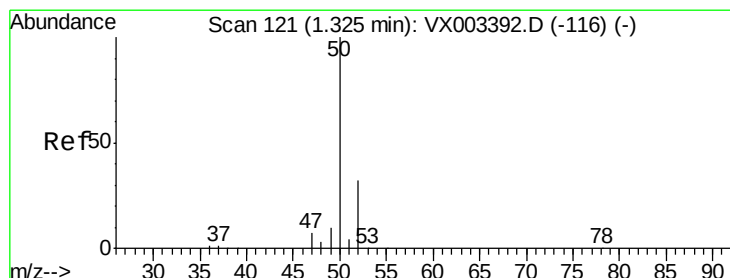
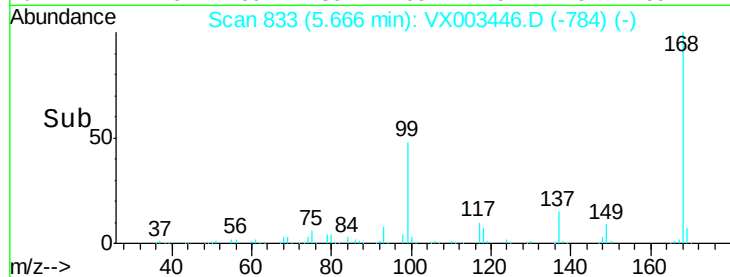
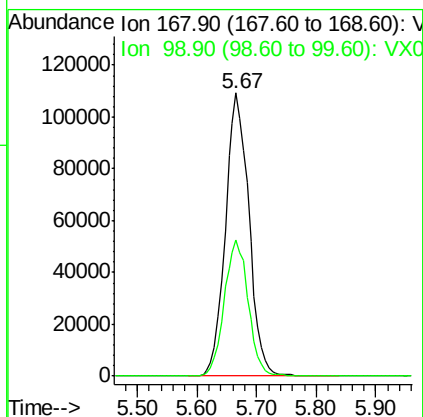
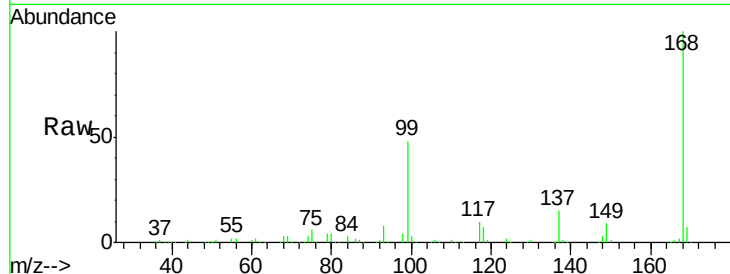
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003446.D
Acq: 18 Jul 2018 14:41

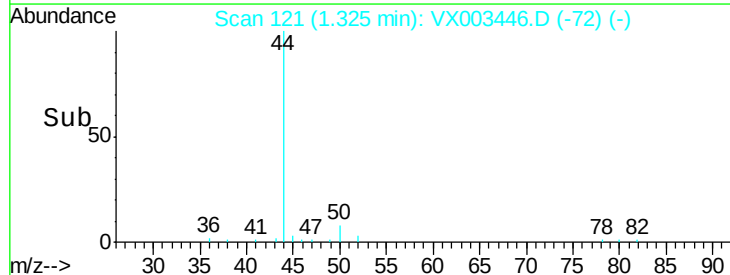
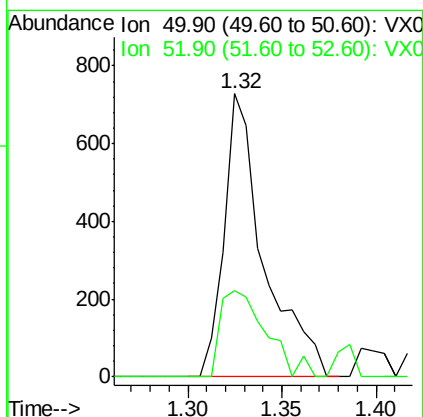
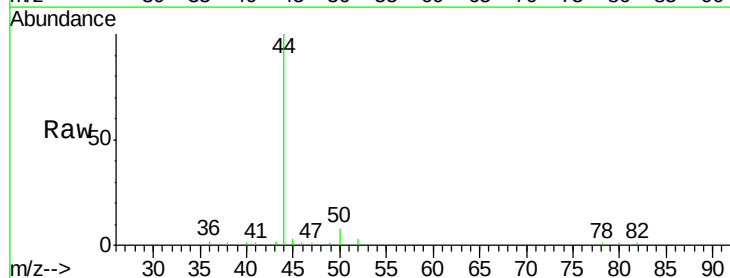
Instrument :
MSVOA_X
ClientSampleId :

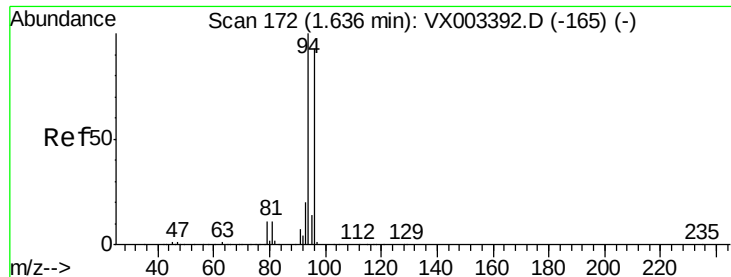
Tot Ion:168 Resp: 300166
Ion Ratio Lower Upper
168 100
99 48.2 39.3 58.9



#3
Chloromethane
Concen: 0.29 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003446.D
Acq: 18 Jul 2018 14:41

Tgt Ion: 50 Resp: 1062
Ion Ratio Lower Upper
50 100
52 30.6 25.7 38.5





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :

MSVOA_X

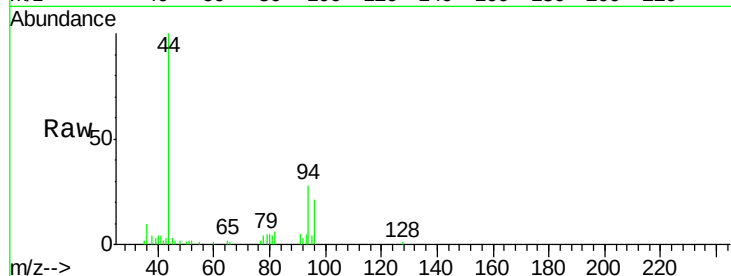
ClientSampled :

Tot Ion: 94 Resp: 3175

Ion Ratio Lower Upper

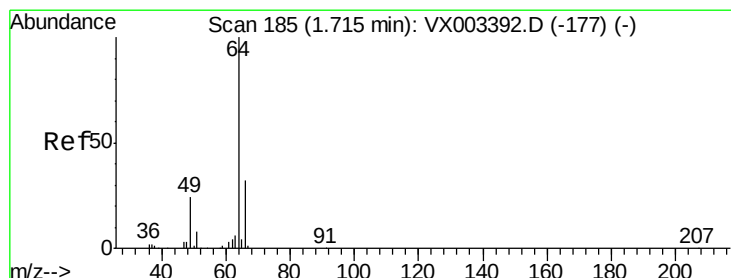
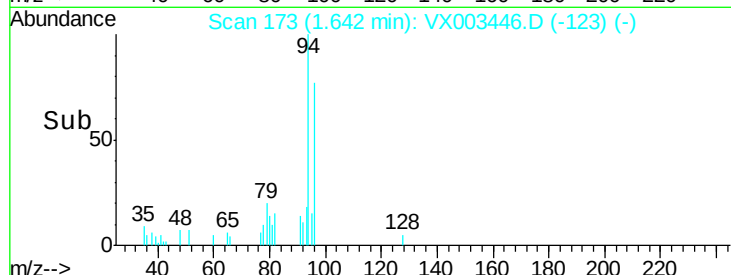
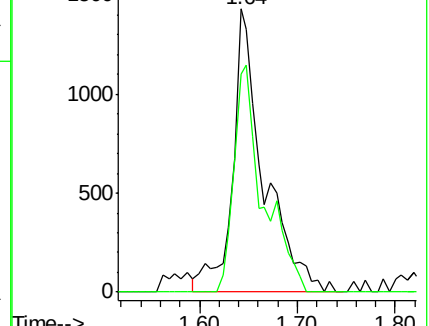
94 100

96 76.9 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: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003446.D

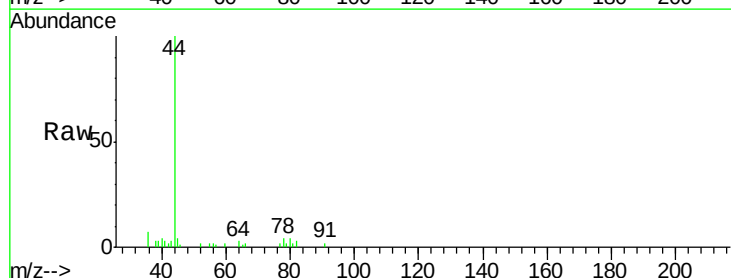
Acq: 18 Jul 2018 14:41

Tgt Ion: 64 Resp: 264

Ion Ratio Lower Upper

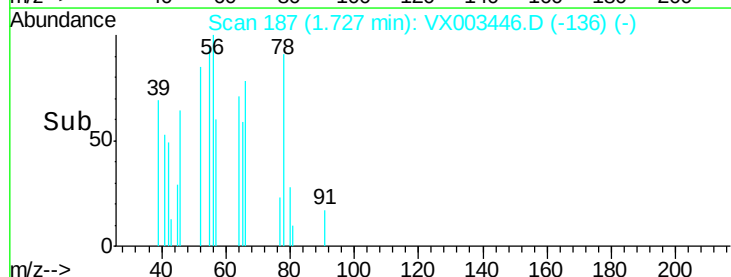
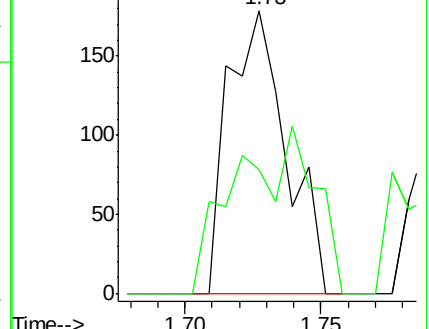
64 100

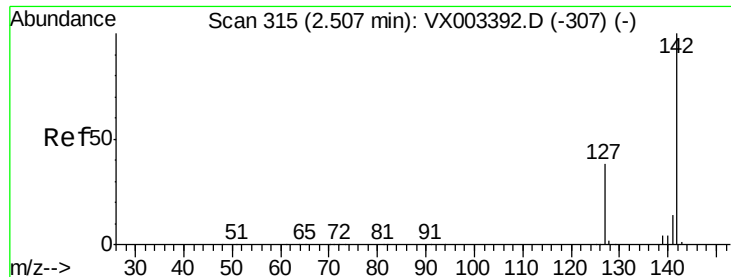
66 43.6 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

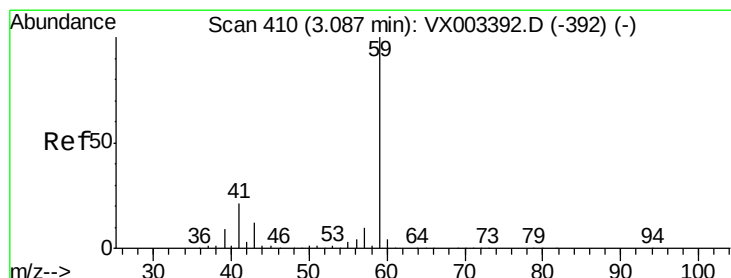
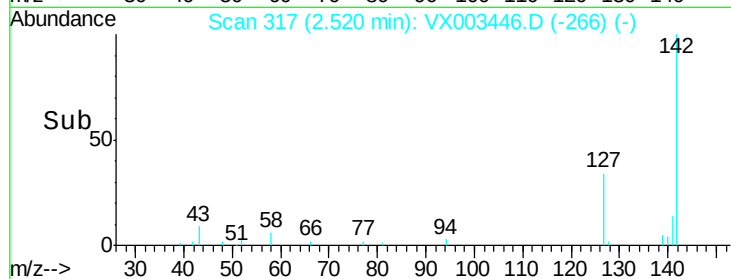
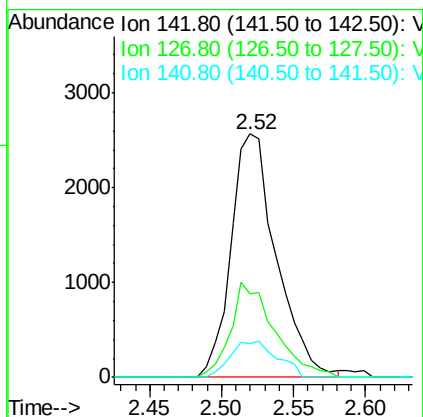
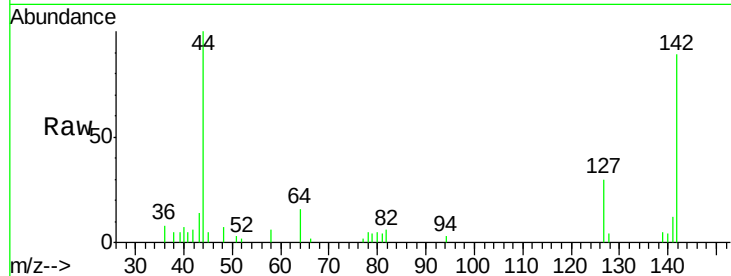




#10
Methvl Iodide
Concen: 1.58 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003446.D
Acq: 18 Jul 2018 14:41

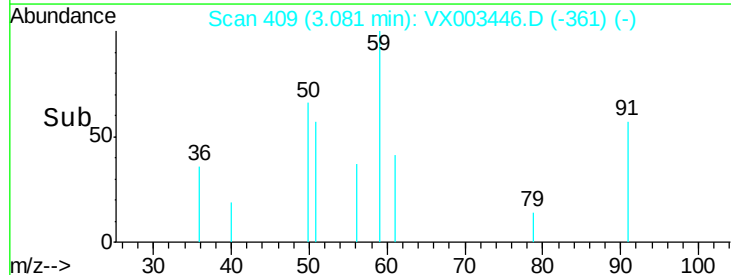
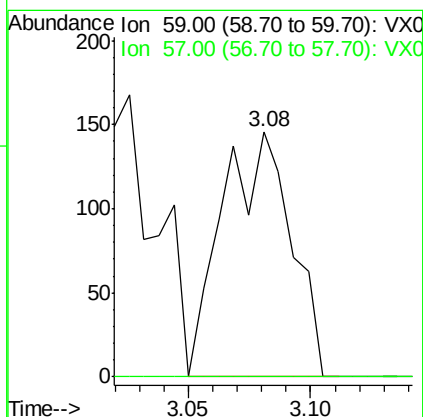
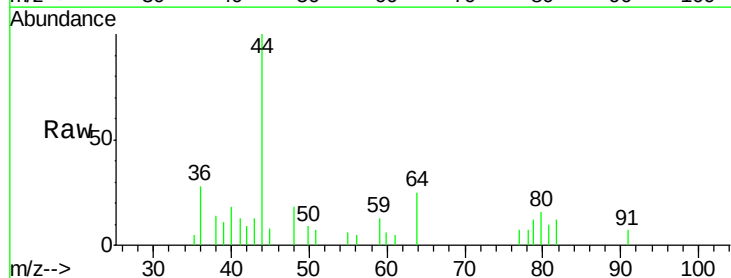
Instrument :
MSVOA_X
ClientSampleId :

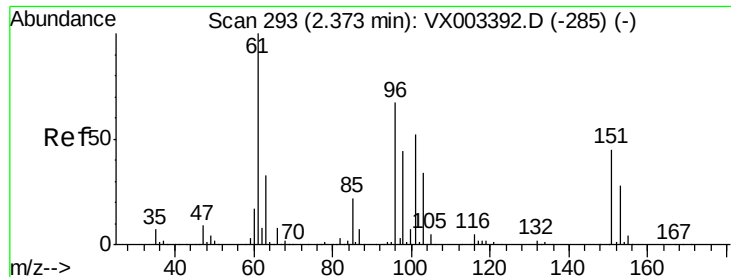
Tot Ion:142 Resp: 5642
Ion Ratio Lower Upper
142 100
127 37.8 36.6 55.0
141 15.1 11.3 16.9



#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003446.D
Acq: 18 Jul 2018 14:41

Tgt Ion: 59 Resp: 286
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#12

1,1-Dichloroethene

Concen: 0.23 ug/l

RT: 2.37 min Scan# 293

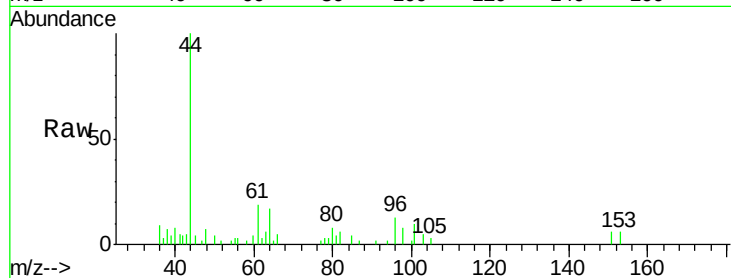
Delta R.T. 0.00 min

Lab File: VX003446.D

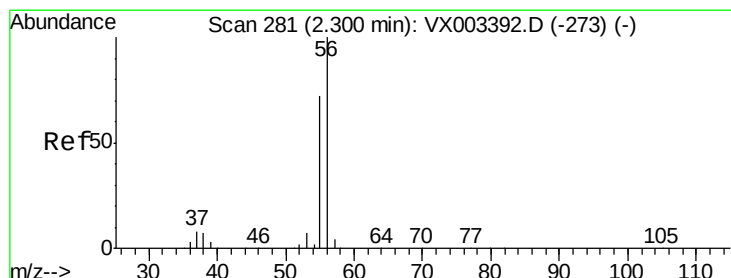
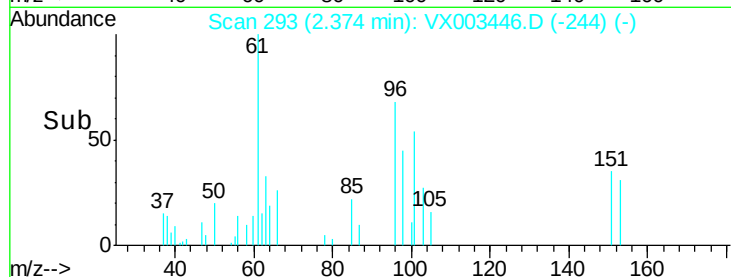
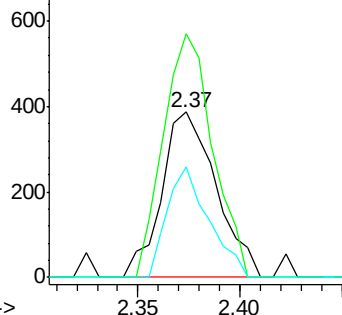
Acq: 18 Jul 2018 14:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	717
Ion	Ratio	Lower	Upper
96	100		
61	147.3	137.9	206.9
98	66.7	51.6	77.4



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



#13

Acrolein

Concen: 1.08 ug/l

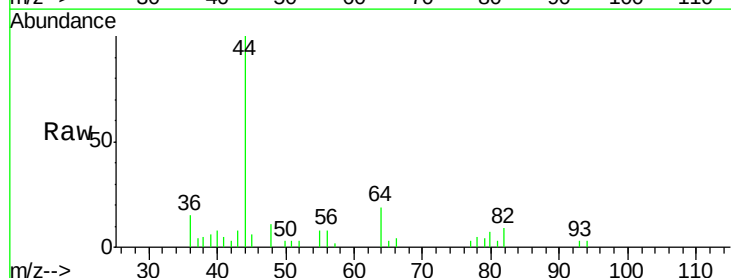
RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

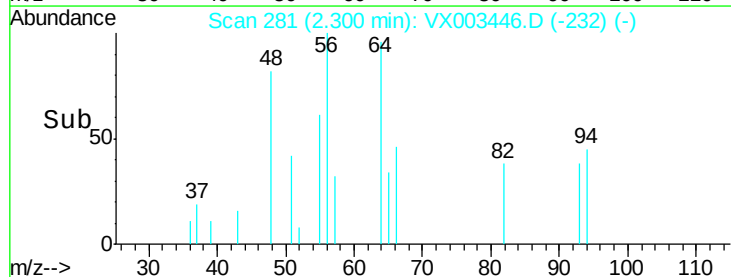
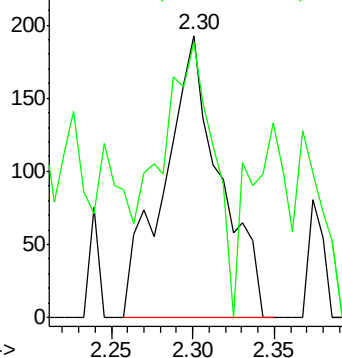
Lab File: VX003446.D

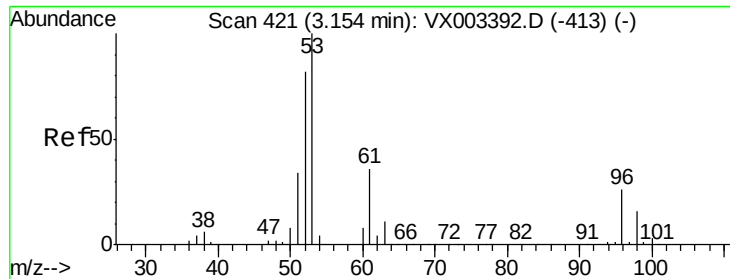
Acq: 18 Jul 2018 14:41

Tgt Ion:	56	Resp:	459
Ion	Ratio	Lower	Upper
56	100		
55	93.0	57.0	85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.69 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :
MSVOA_X
ClientSampleId :

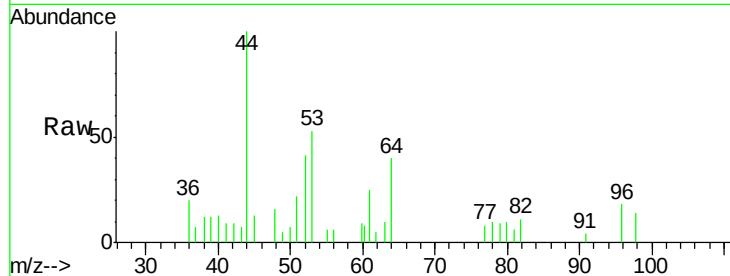
Tot Ion: 53 Resp: 1402

Ion Ratio Lower Upper

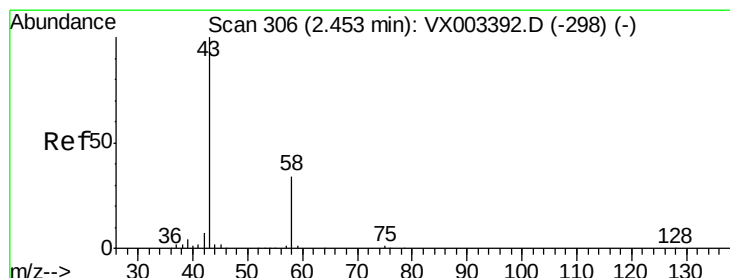
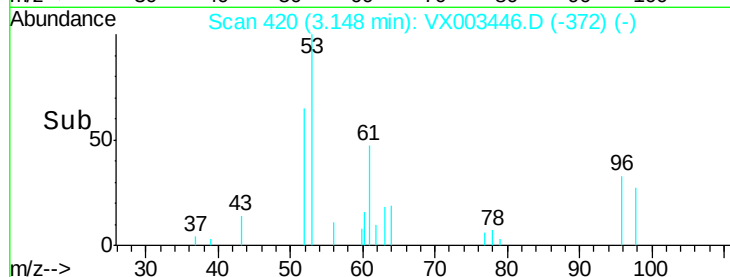
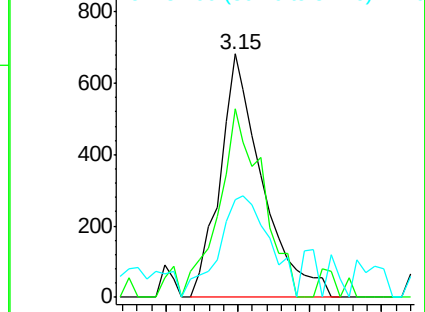
53 100

52 79.9 66.7 100.1

51 49.6 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 100.24 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003446.D

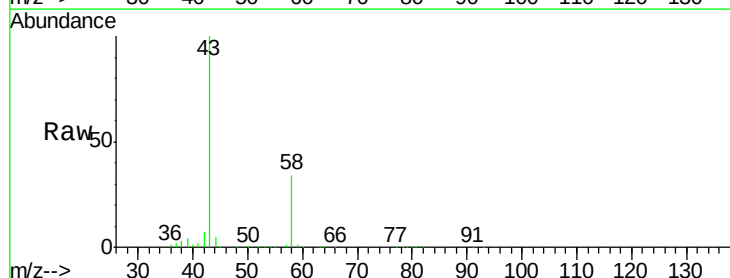
Acq: 18 Jul 2018 14:41

Tgt Ion: 43 Resp: 163891

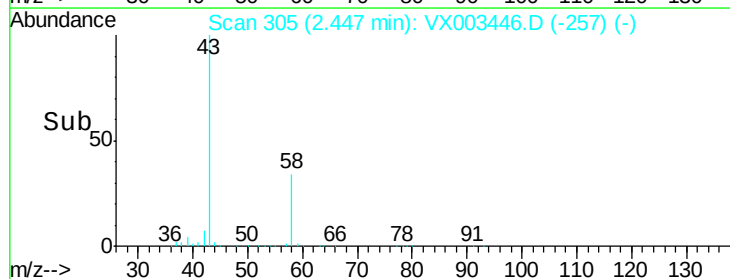
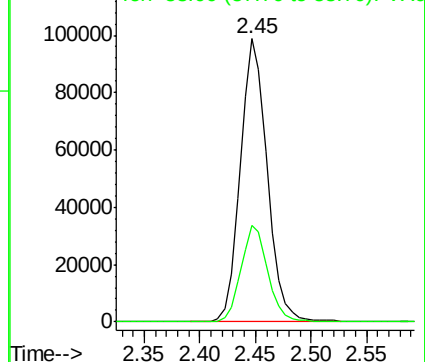
Ion Ratio Lower Upper

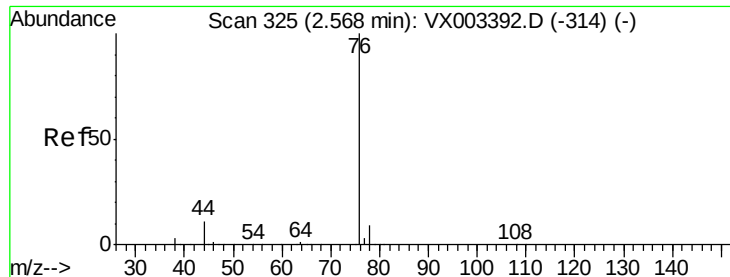
43 100

58 34.1 22.1 33.1#



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





#17

Carbon Disulfide

Concen: 0.75 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :

MSVOA_X

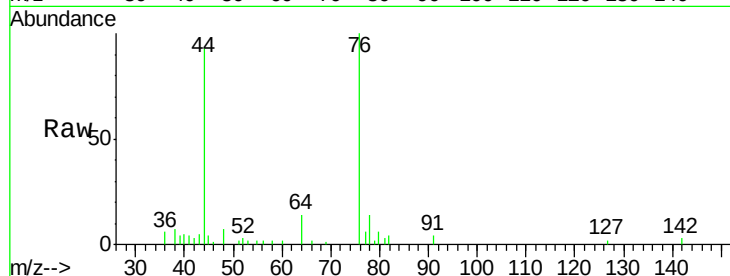
ClientSampleId :

Tot Ion: 76 Resp: 6524

Ion Ratio Lower Upper

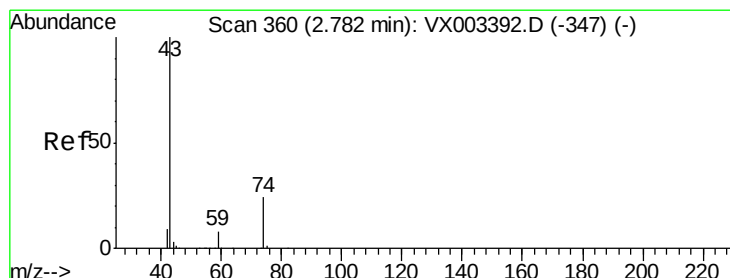
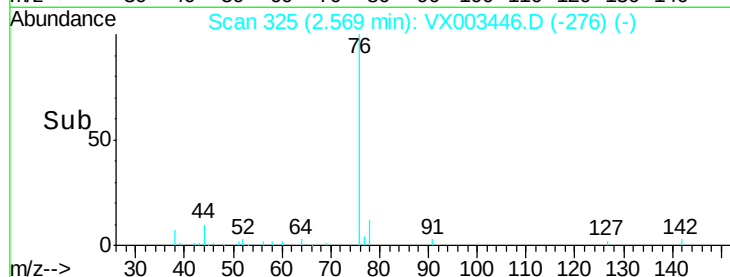
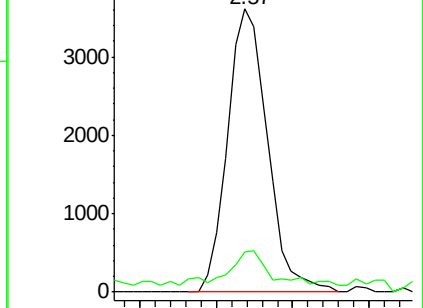
76 100

78 12.1 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.24 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003446.D

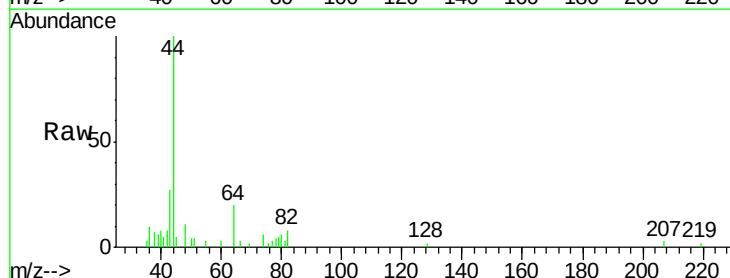
Acq: 18 Jul 2018 14:41

Tgt Ion: 43 Resp: 1252

Ion Ratio Lower Upper

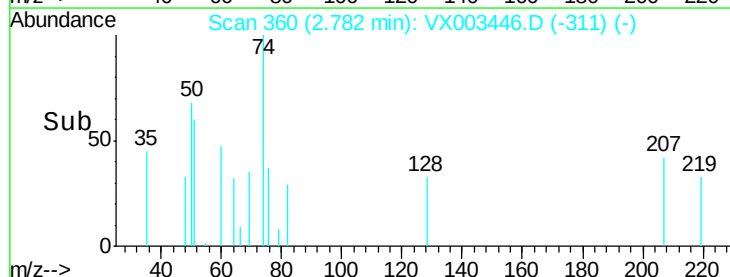
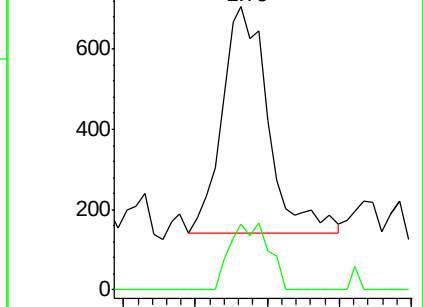
43 100

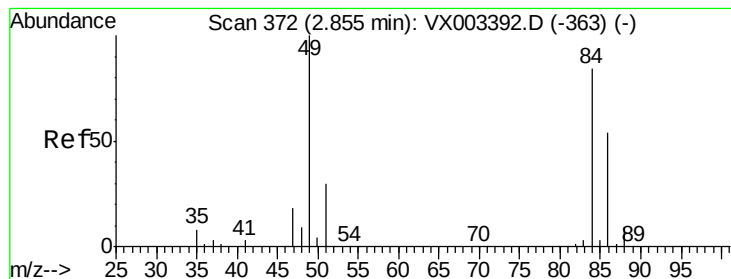
74 24.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 84 Resp: 1923

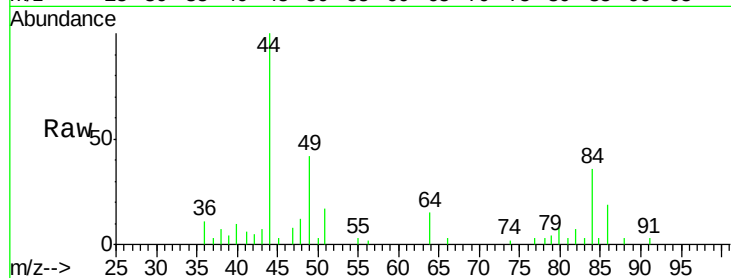
Ion Ratio Lower Upper

84 100

49 115.9 107.8 161.6

51 46.2 32.8 49.2

86 52.6 52.5 78.7

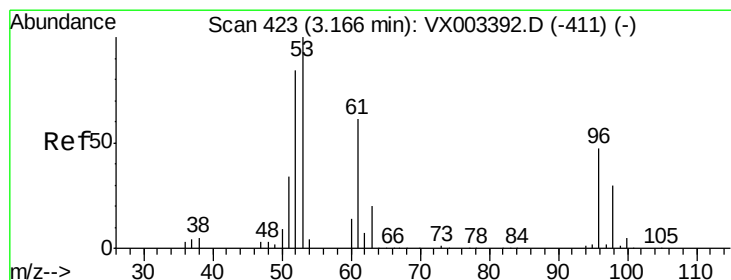
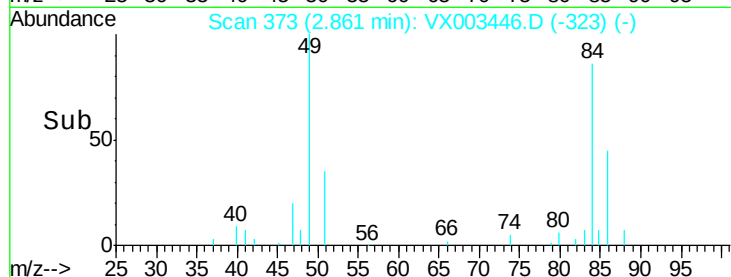
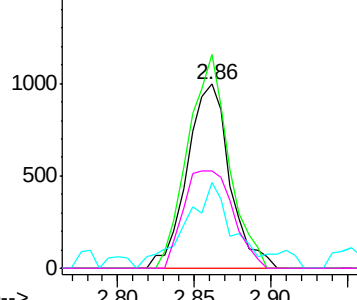


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#21

trans-1,2-Dichloroethene

Concen: 0.31 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

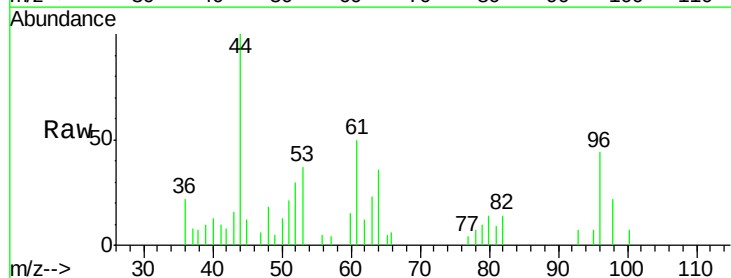
Tgt Ion: 96 Resp: 1054

Ion Ratio Lower Upper

96 100

61 115.2 117.0 175.4#

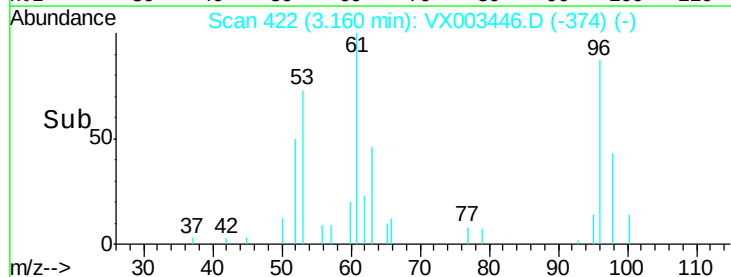
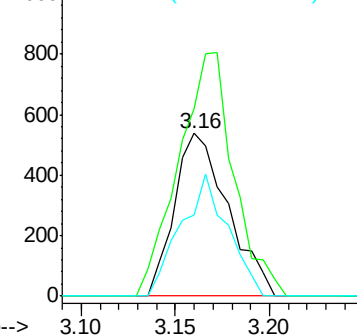
98 49.8 52.4 78.6#

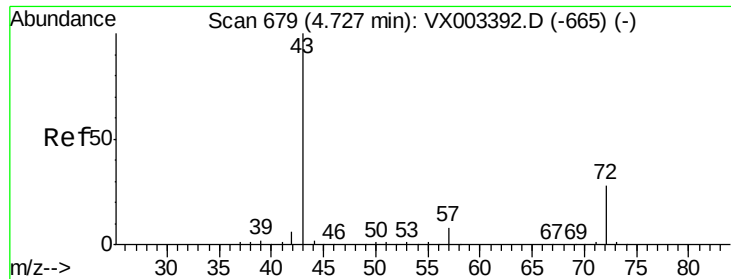


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#25

2-Butanone

Concen: 17.25 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.02 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :

MSVOA_X

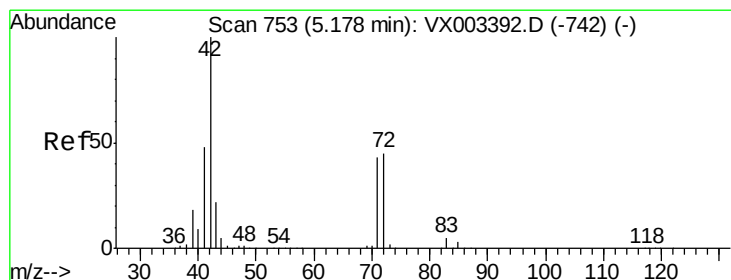
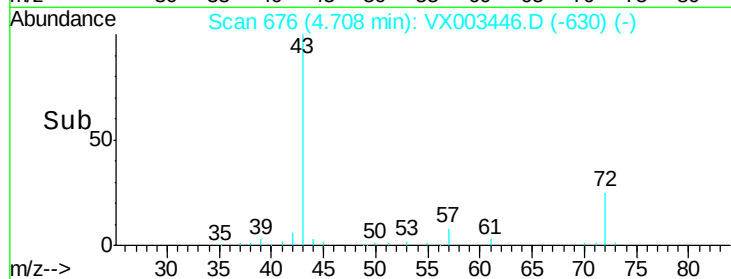
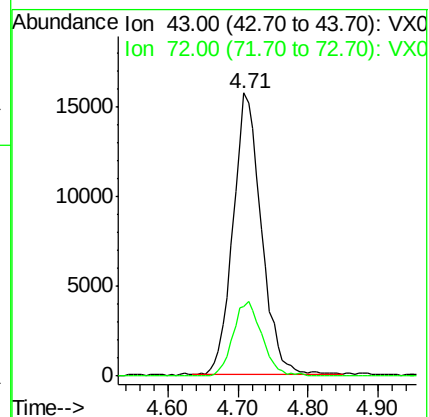
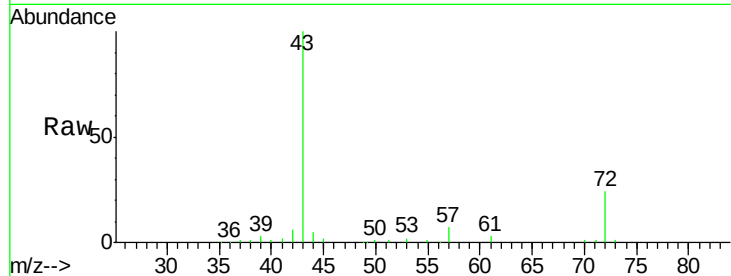
ClientSampleId :

Tot Ion: 43 Resp: 44135

Ion Ratio Lower Upper

43 100

72 24.6 18.5 27.7



#29

Tetrahydrofuran

Concen: 26.65 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

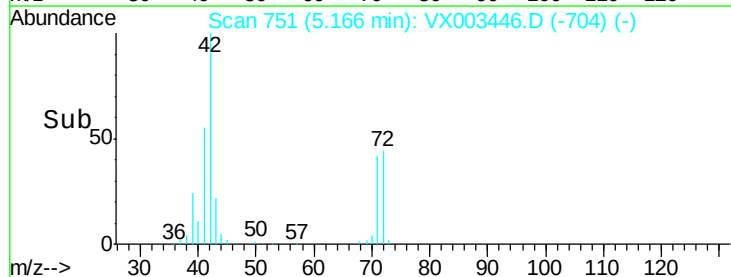
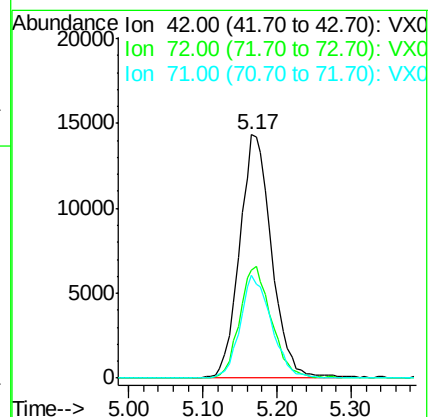
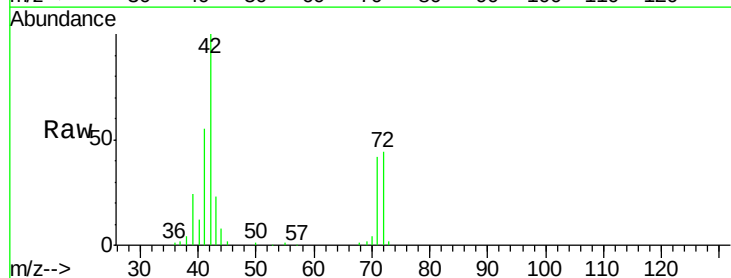
Tgt Ion: 42 Resp: 43251

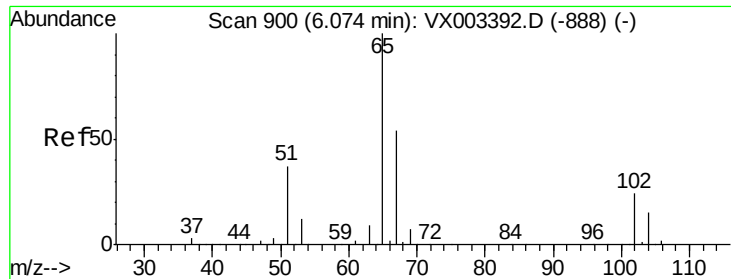
Ion Ratio Lower Upper

42 100

72 45.0 32.0 48.0

71 41.0 30.1 45.1

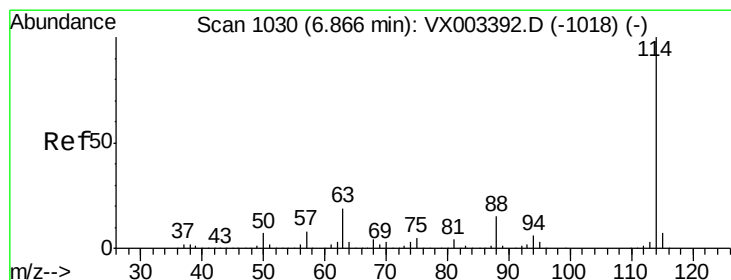
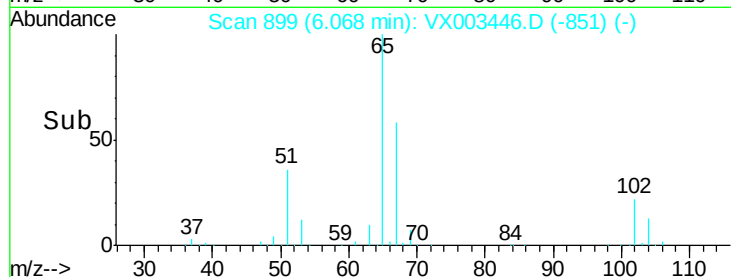
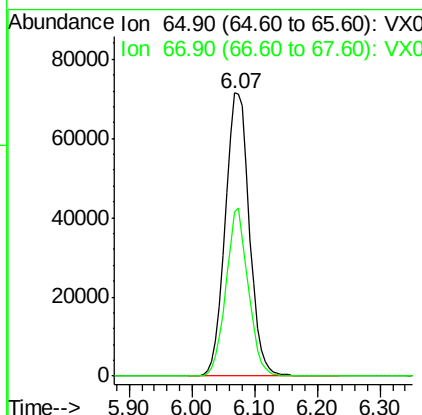
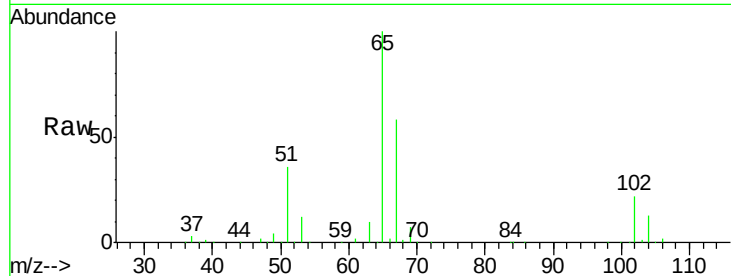




#33
 1,2-Dichloroethane-d4
 Concen: 48.42 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003446.D
 Acq: 18 Jul 2018 14:41

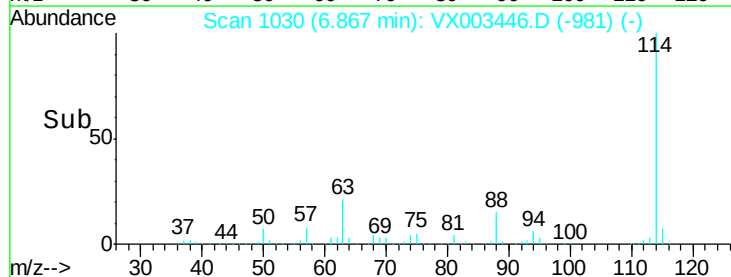
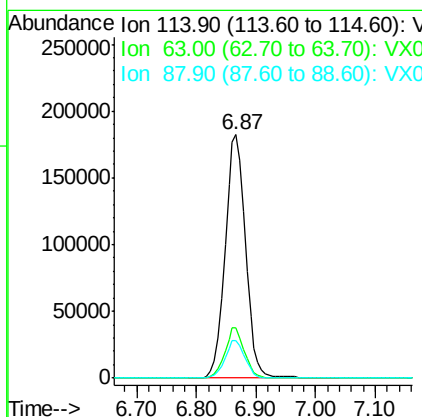
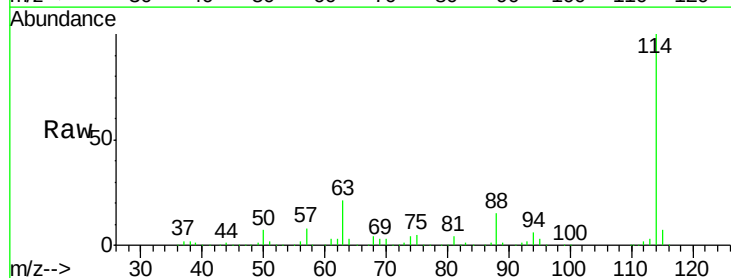
Instrument :
 MSVOA_X
 ClientSampleId :

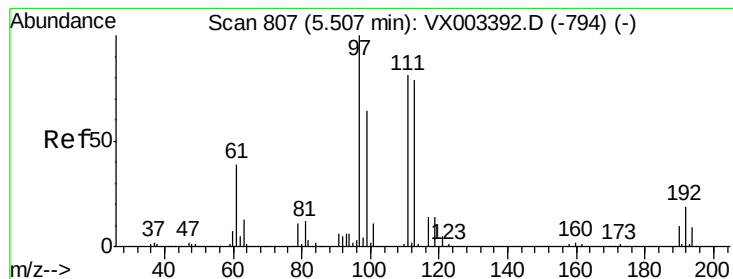
Tot Ion: 65 Resp: 190338
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003446.D
 Acq: 18 Jul 2018 14:41

Tgt Ion: 114 Resp: 434284
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.25 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :
MSVOA_X
ClientSampleId :

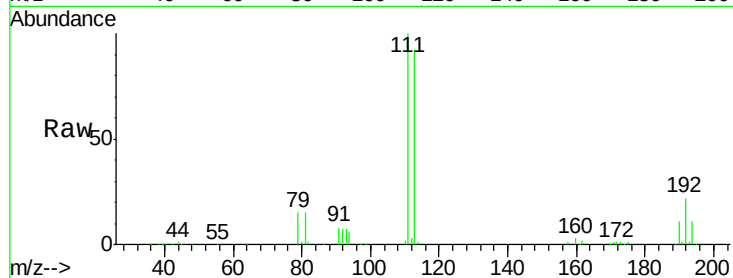
Tot Ion:113 Resp: 162512

Ion Ratio Lower Upper

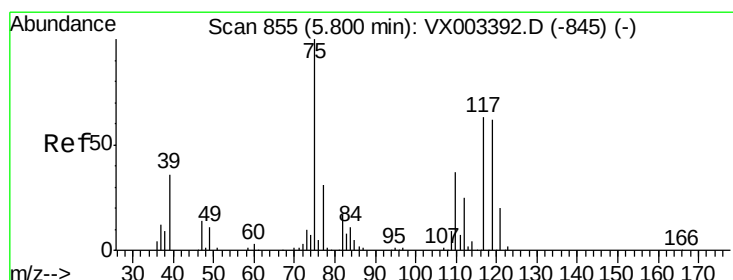
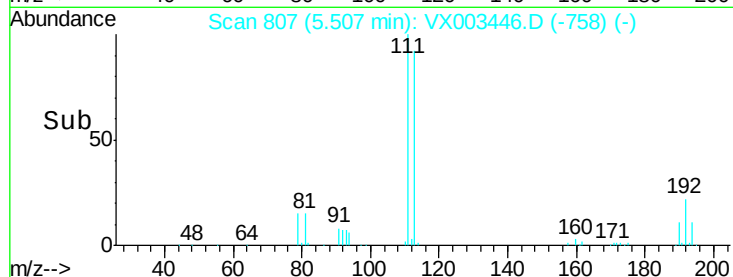
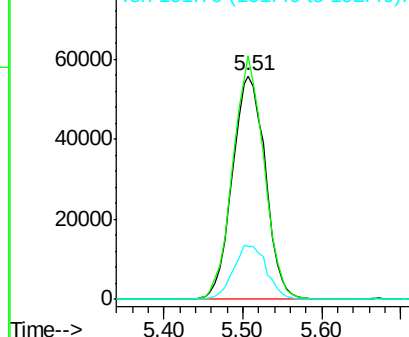
113 100

111 102.8 81.4 122.0

192 24.4 19.1 28.7



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: 0.26 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

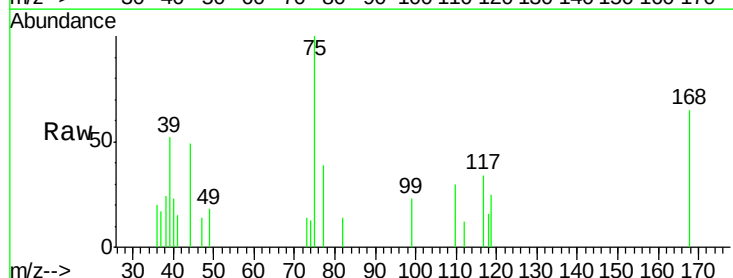
Tgt Ion: 75 Resp: 1138

Ion Ratio Lower Upper

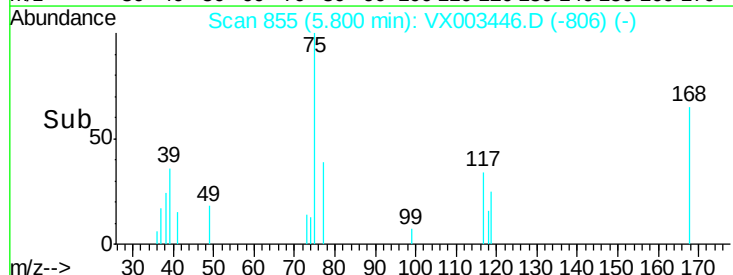
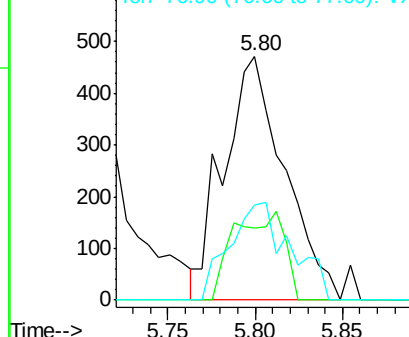
75 100

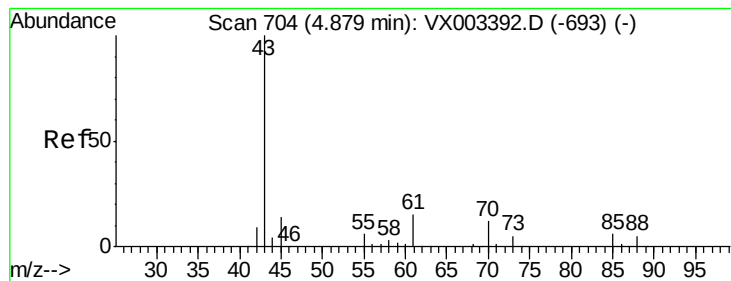
110 30.1 18.1 54.4

77 40.4 24.3 36.5#



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: 8.91 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.17 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

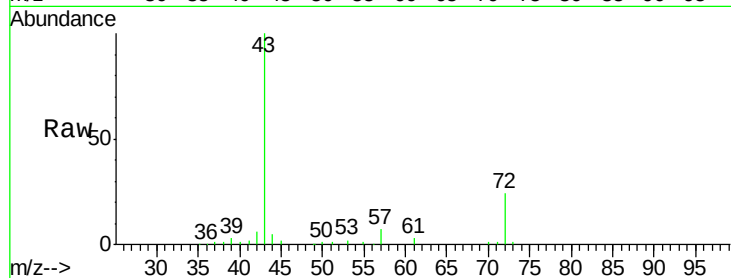
Tot Ion: 43 Resp: 44135

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

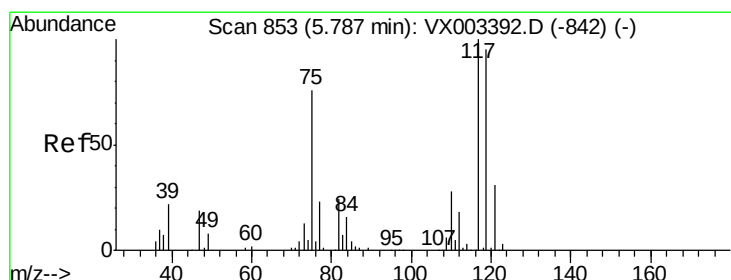
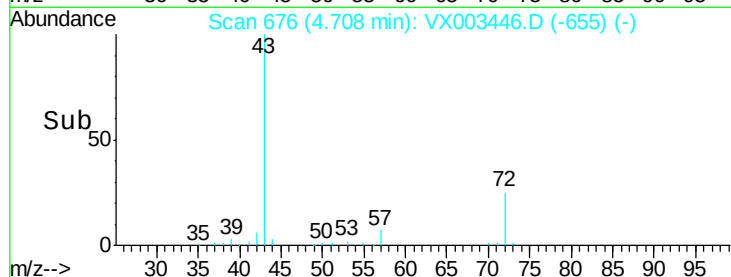
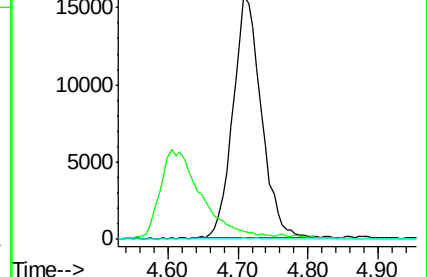
70 0.2 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VX003392.D (-693) (-)

Ion 60.90 (60.60 to 61.60): VX003392.D (-693) (-)

Ion 70.00 (69.70 to 70.70): VX003392.D (-693) (-)



#38

Carbon Tetrachloride

Concen: 5.82 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

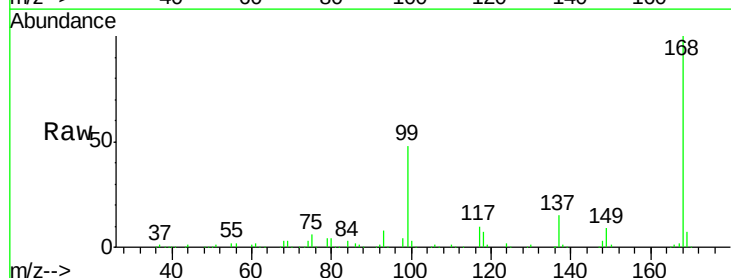
Tgt Ion: 117 Resp: 26063

Ion Ratio Lower Upper

117 100

119 5.8 77.4 116.0#

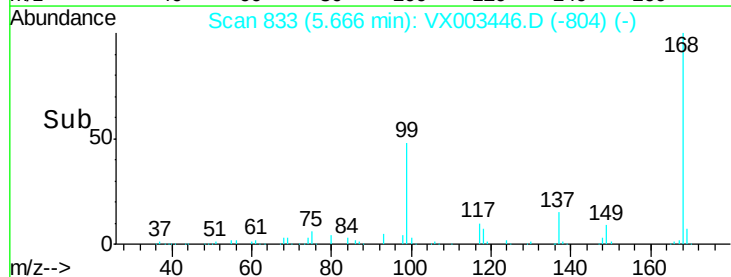
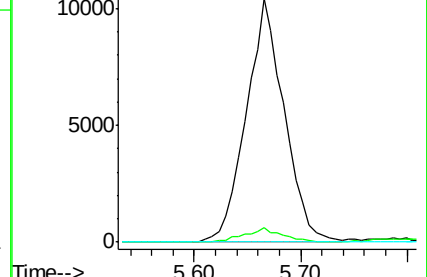
121 0.0 24.4 36.6#

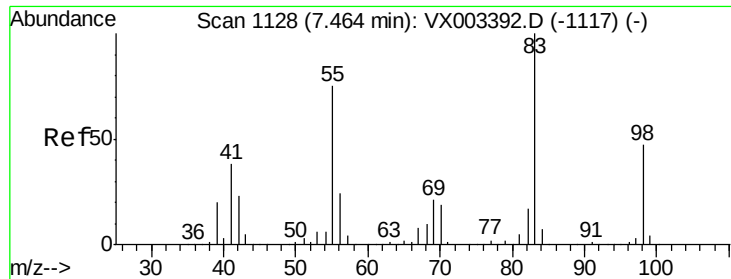


Abundance Ion 116.80 (116.50 to 117.50): VX003392.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX003392.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX003392.D (-842) (-)

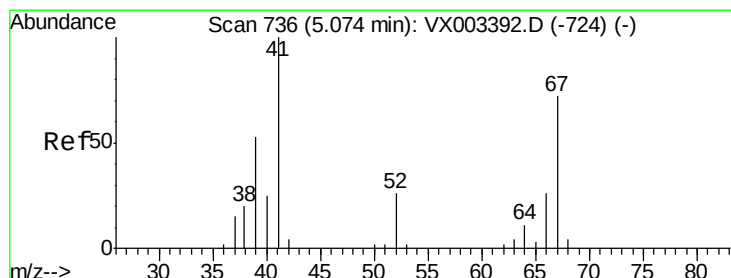
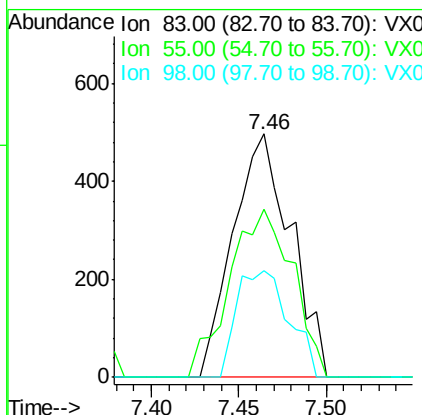
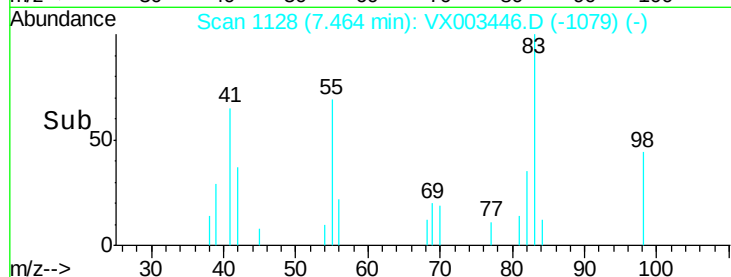
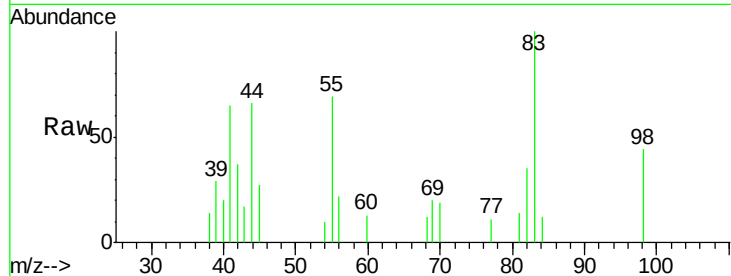




#39
Methylvlcyclohexane
Concen: 0.23 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003446.D
Acq: 18 Jul 2018 14:41

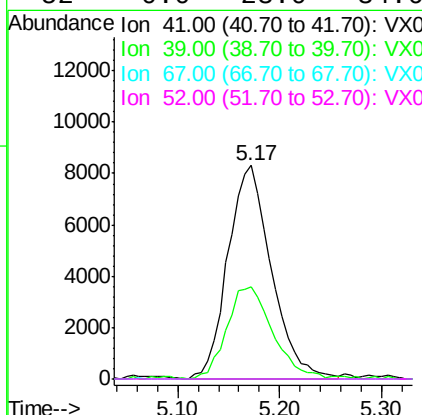
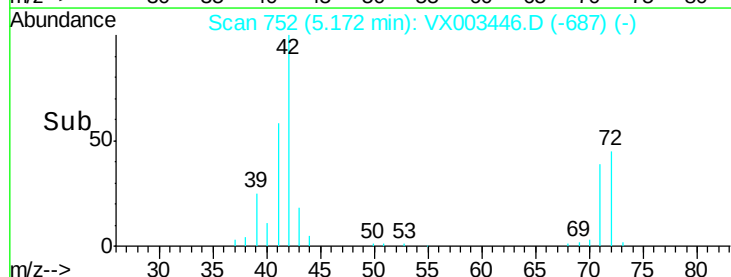
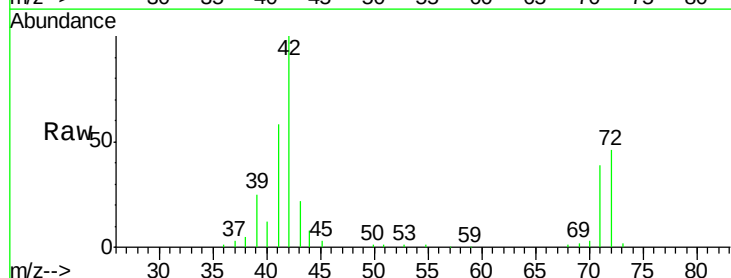
Instrument :
MSVOA_X
ClientSampleId :

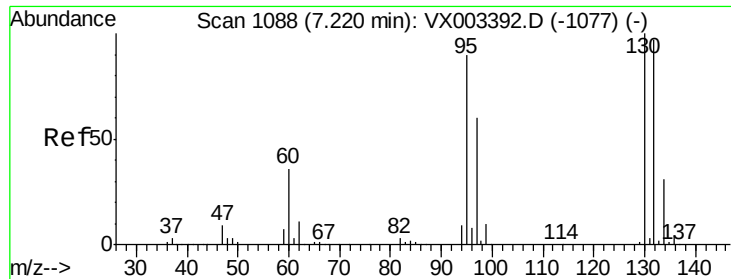
Tot Ion: 83 Resp: 1140
Ion Ratio Lower Upper
83 100
55 69.2 65.4 98.0
98 43.9 37.4 56.0



#41
Methacrylonitrile
Concen: 9.04 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.10 min
Lab File: VX003446.D
Acq: 18 Jul 2018 14:41

Tgt Ion: 41 Resp: 24625
Ion Ratio Lower Upper
41 100
39 45.4 45.8 68.6#
67 0.0 51.3 76.9#
52 0.0 23.0 34.6#





#44

Trichloroethene

Concen: 0.20 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :

MSVOA_X

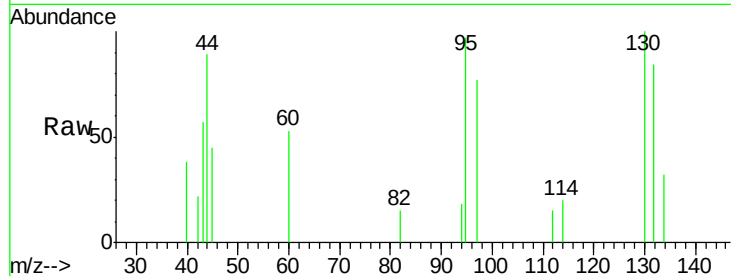
ClientSampled :

Tot Ion:130 Resp: 781

Ion Ratio Lower Upper

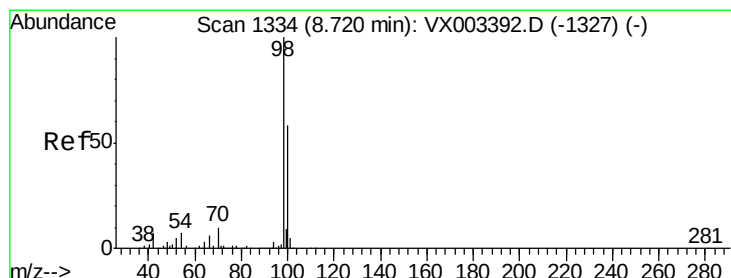
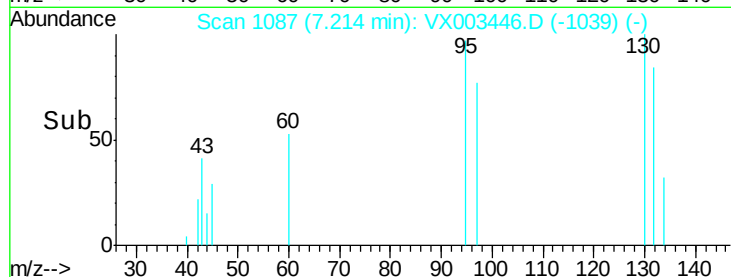
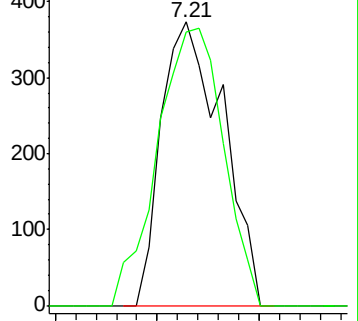
130 100

95 96.8 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: 49.57 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003446.D

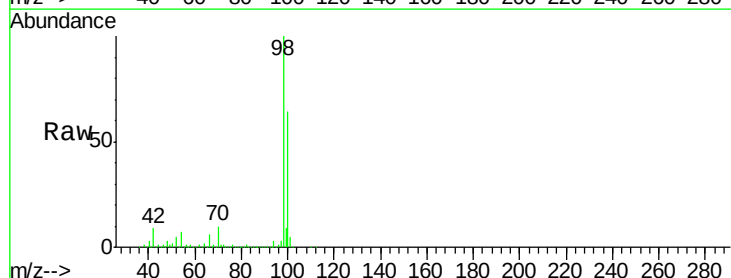
Acq: 18 Jul 2018 14:41

Tgt Ion: 98 Resp: 642720

Ion Ratio Lower Upper

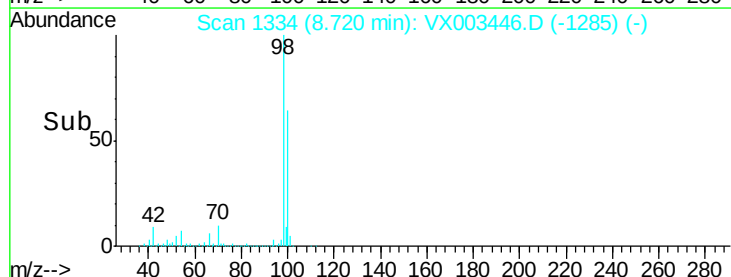
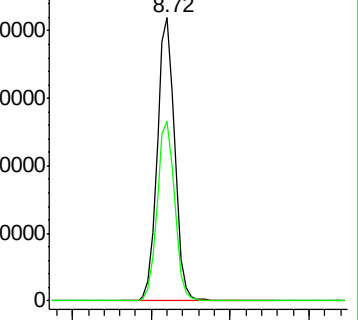
98 100

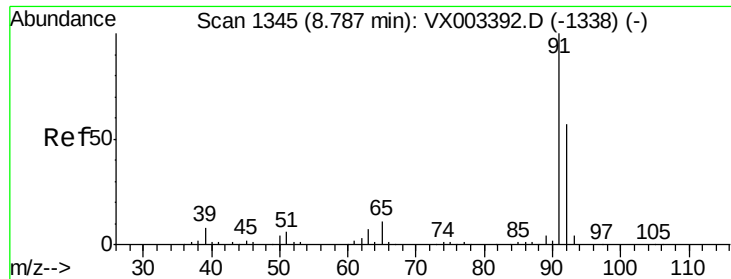
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.26 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

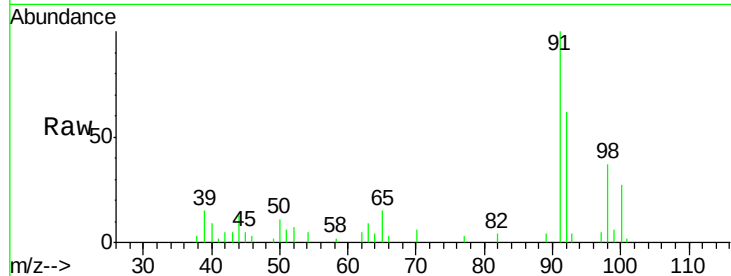
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 92 Resp: 2207

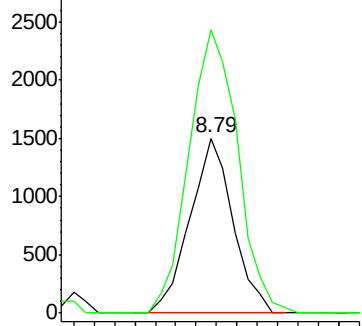
Ion Ratio Lower Upper

92 100

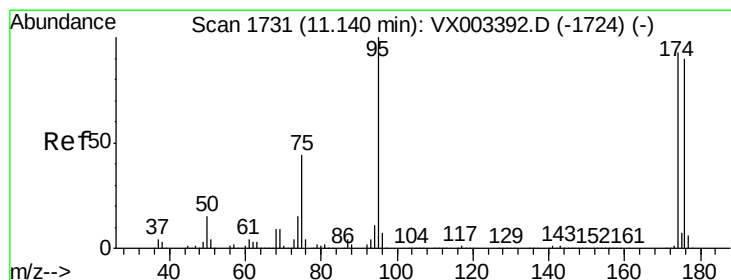
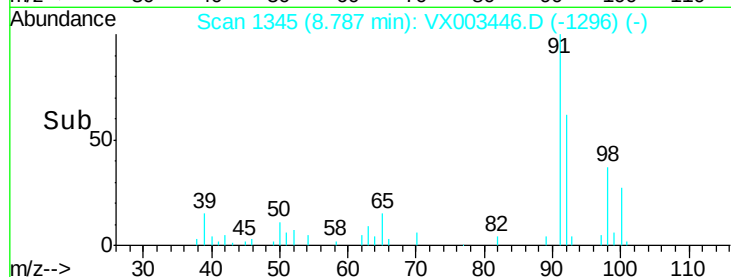
91 183.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



Time-->



#62

4-Bromofluorobenzene

Concen: 48.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

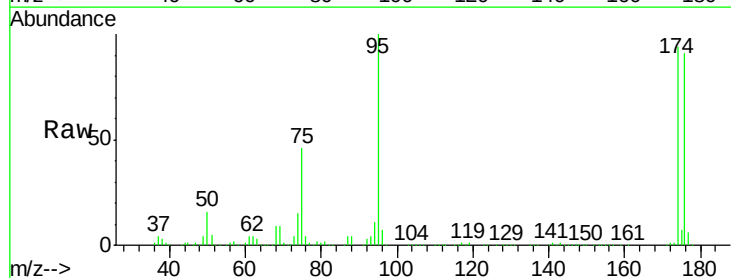
Tgt Ion: 95 Resp: 223413

Ion Ratio Lower Upper

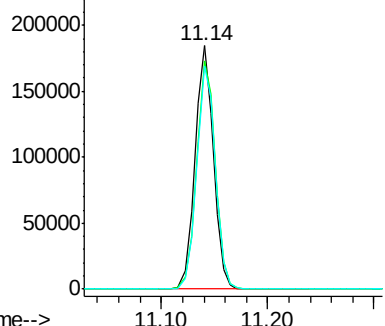
95 100

174 95.7 0.0 187.4

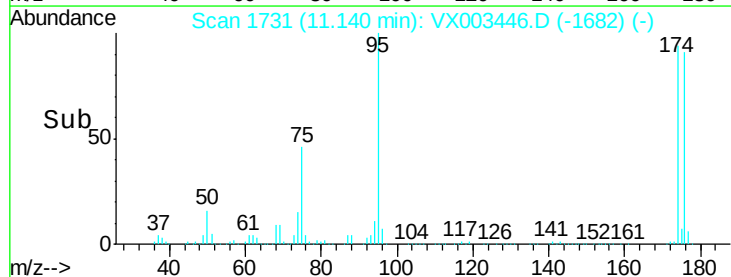
176 93.0 0.0 181.0

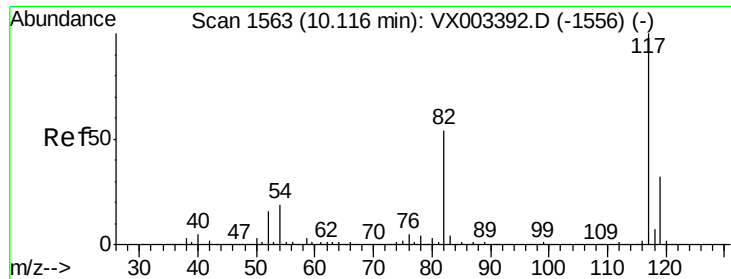


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V



Time-->

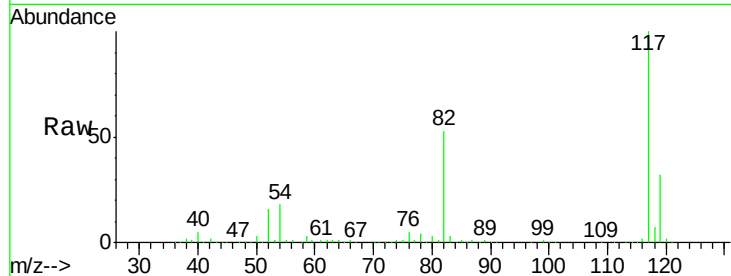




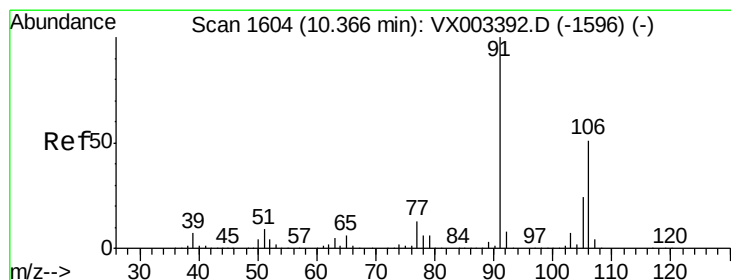
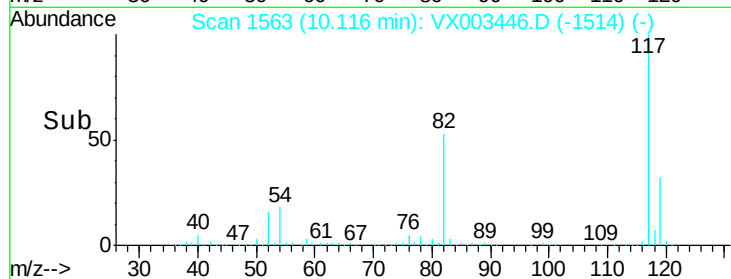
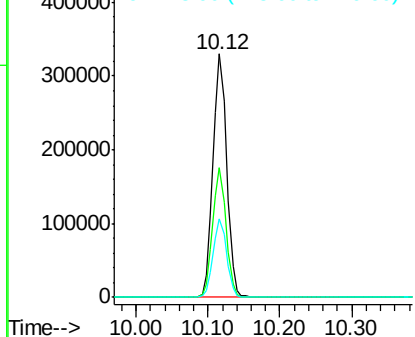
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003446.D
Acq: 18 Jul 2018 14:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 433067
Ion Ratio Lower Upper
117 100
82 53.1 45.0 67.4
119 32.2 25.8 38.6

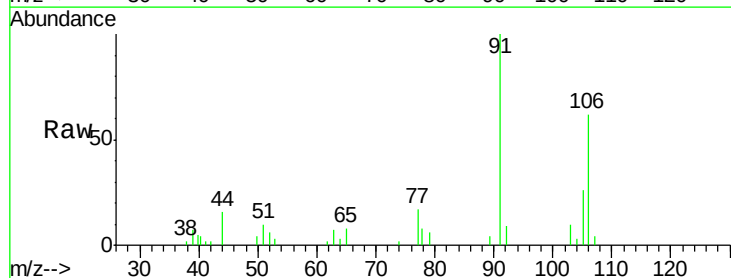


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

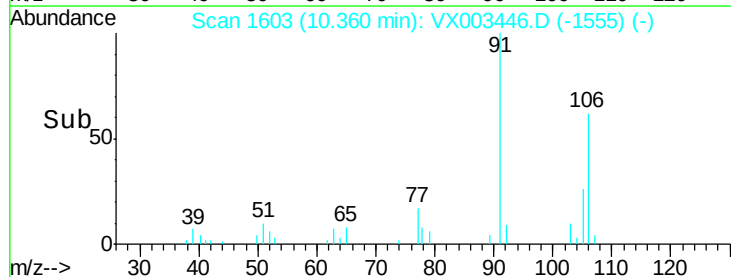
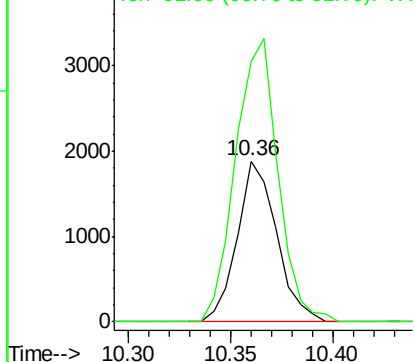


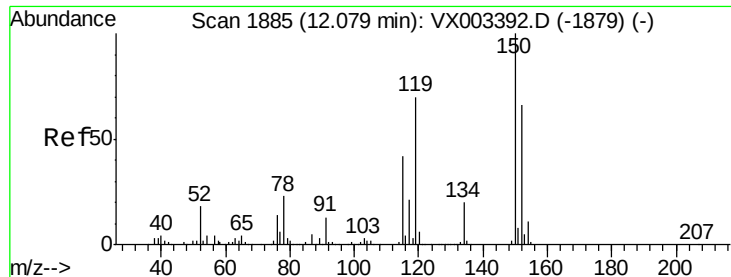
#68
m/p-Xylenes
Concen: 0.39 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003446.D
Acq: 18 Jul 2018 14:41

Tgt Ion:106 Resp: 2527
Ion Ratio Lower Upper
106 100
91 189.4 163.4 245.2



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. 0.00 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :

MSVOA_X

ClientSampled :

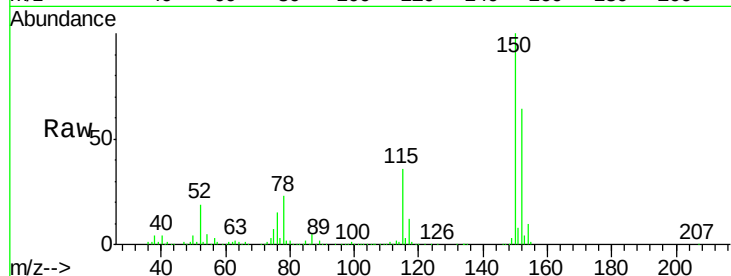
Tot Ion:152 Resp: 223298

Ion Ratio Lower Upper

152 100

115 55.0 40.1 120.2

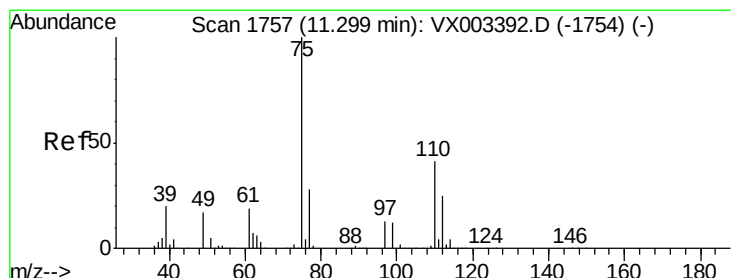
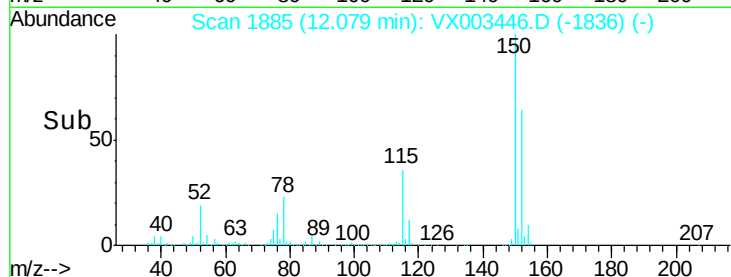
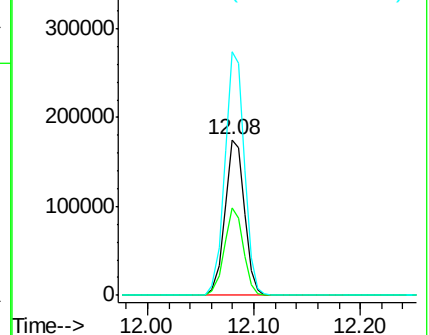
150 156.8 0.0 347.2



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: 25.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003446.D

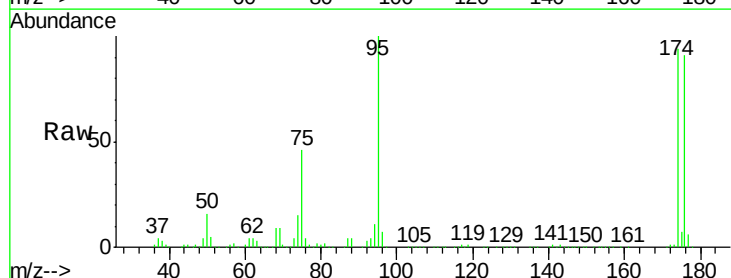
Acq: 18 Jul 2018 14:41

Tgt Ion: 75 Resp: 104800

Ion Ratio Lower Upper

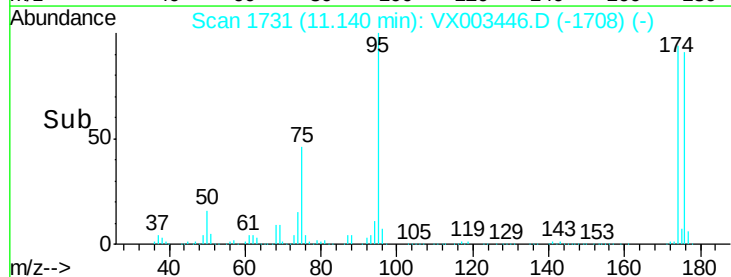
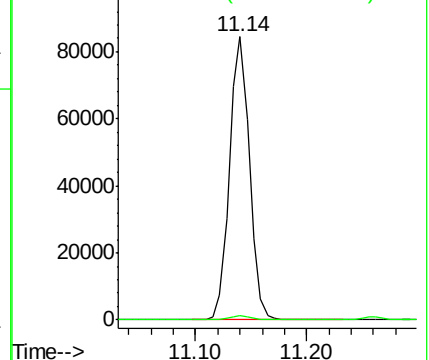
75 100

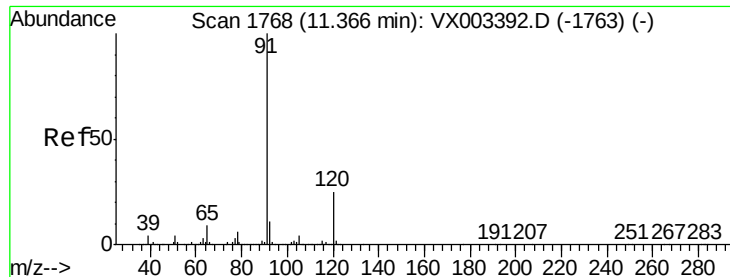
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.24 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :

MSVOA_X

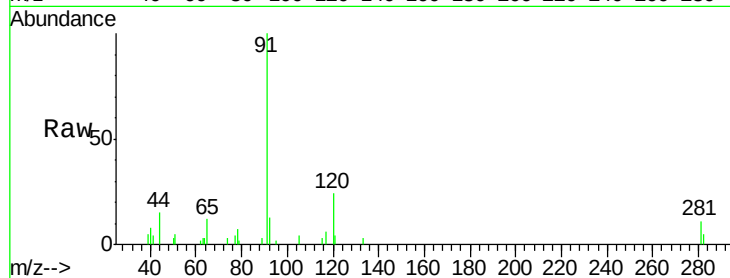
ClientSampleId :

Tot Ion: 91 Resp: 3830

Ion Ratio Lower Upper

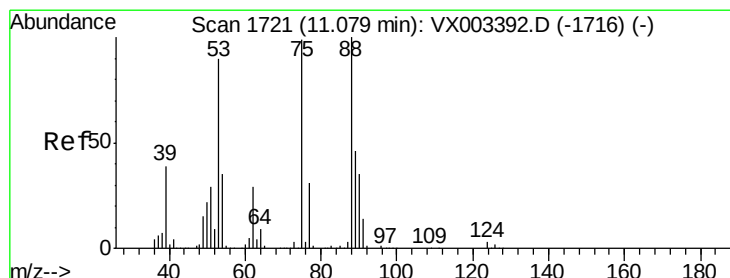
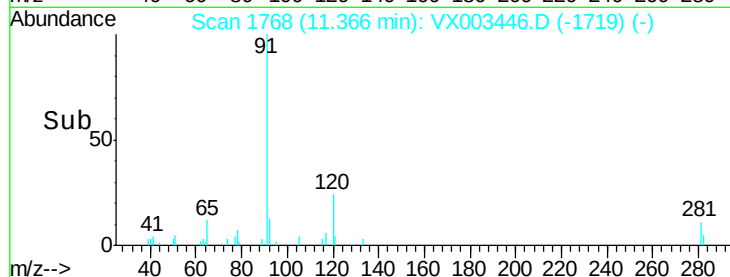
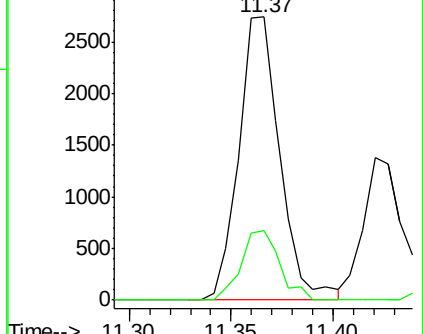
91 100

120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 84.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

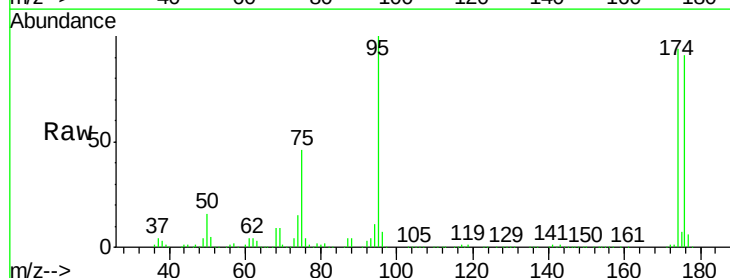
Tgt Ion: 75 Resp: 104800

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

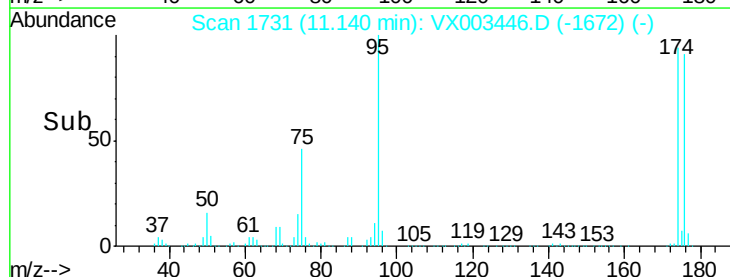
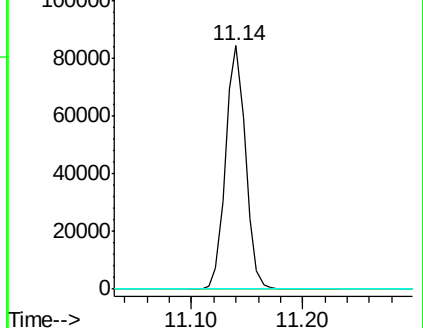
89 0.0 38.2 57.2#

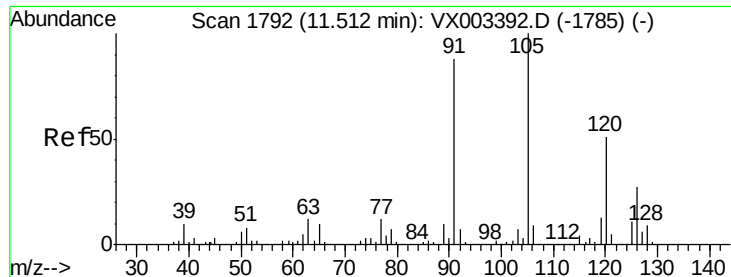


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

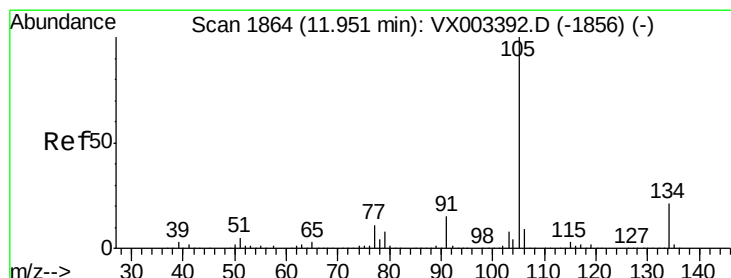
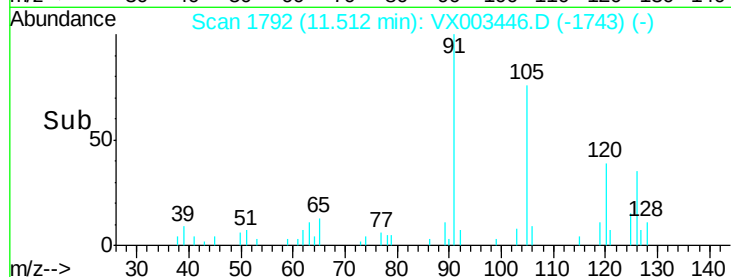
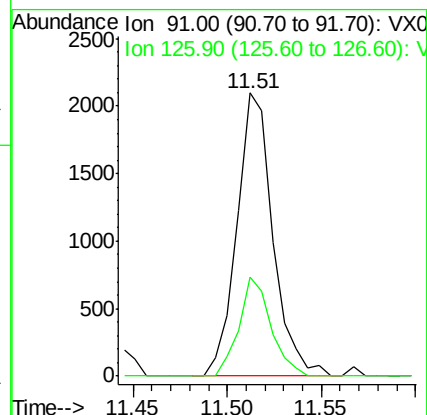
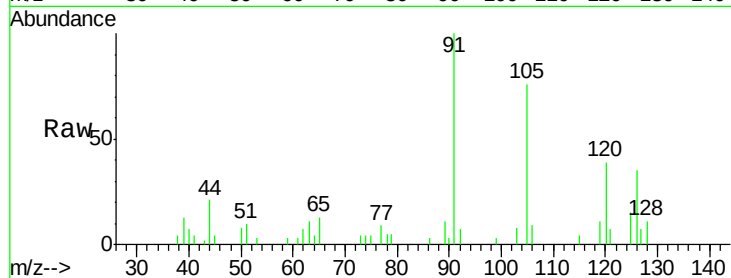




#82
4-Chlorotoluene
Concen: 0.24 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003446.D
Acq: 18 Jul 2018 14:41

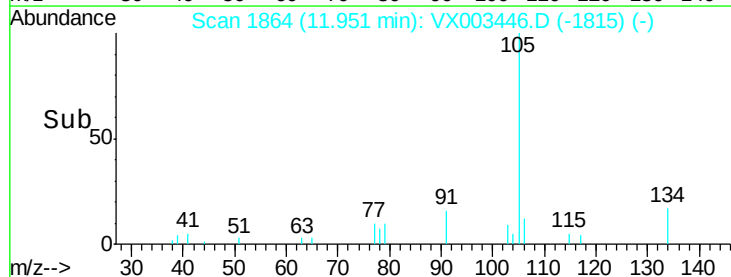
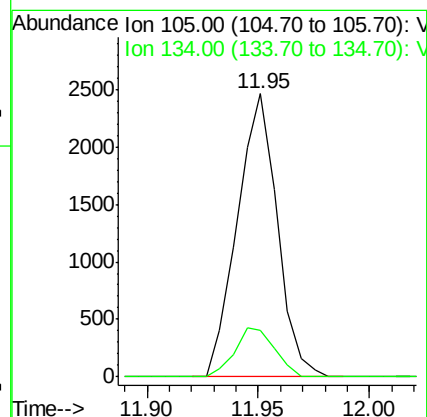
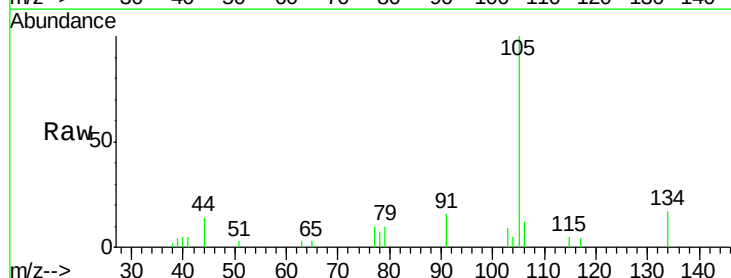
Instrument :
MSVOA_X
ClientSampleId :

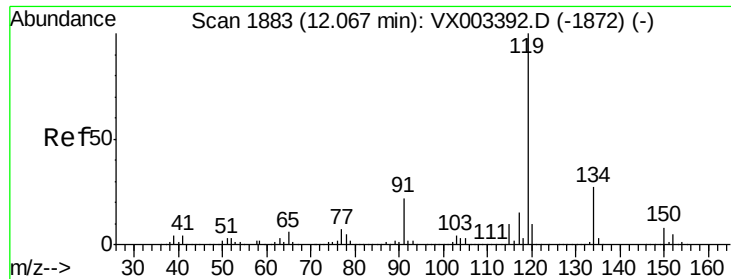
Tot Ion: 91 Resp: 2778
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.4



#85
sec-Butylbenzene
Concen: 0.22 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003446.D
Acq: 18 Jul 2018 14:41

Tgt Ion: 105 Resp: 3074
Ion Ratio Lower Upper
105 100
134 17.4 10.4 31.1





#86

p-Isopropyltoluene

Concen: 0.23 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :

MSVOA_X

ClientSampleId :

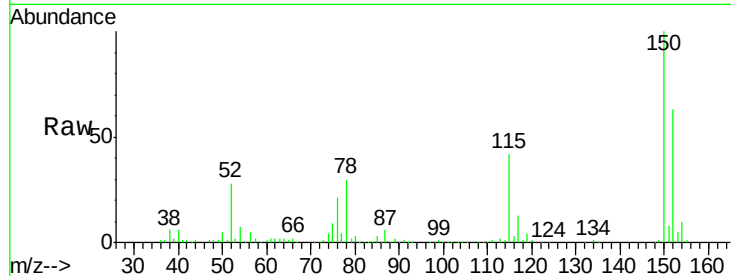
Tot Ion:119 Resp: 2787

Ion Ratio Lower Upper

119 100

134 35.6 13.4 40.1

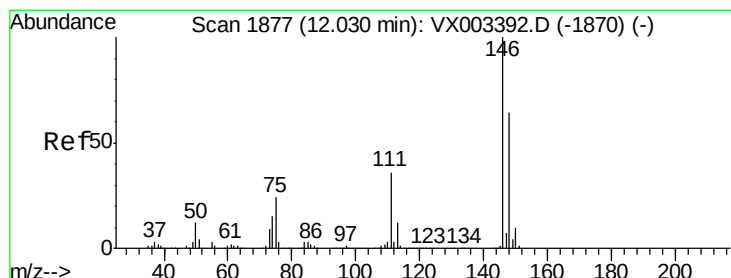
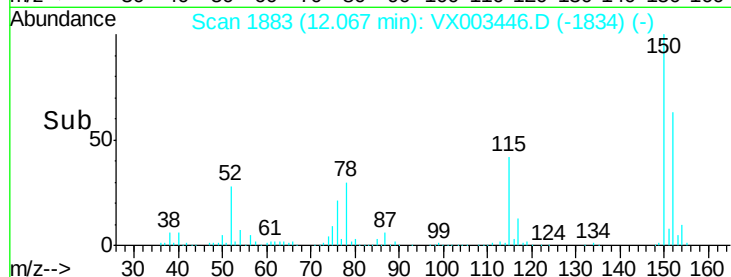
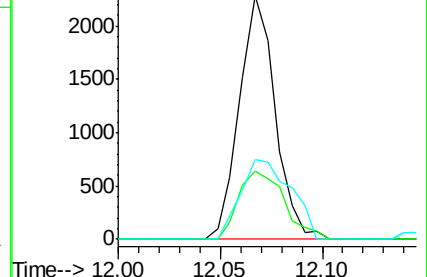
91 45.9 11.9 35.7#



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: 0.31 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

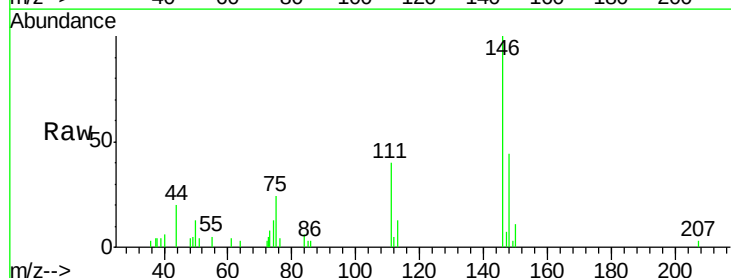
Tgt Ion:146 Resp: 2307

Ion Ratio Lower Upper

146 100

111 36.4 18.9 56.7

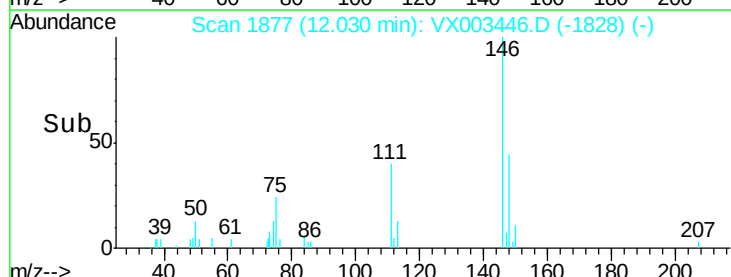
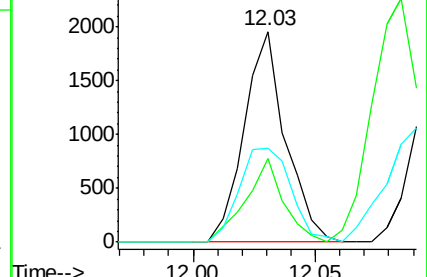
148 55.8 32.1 96.3

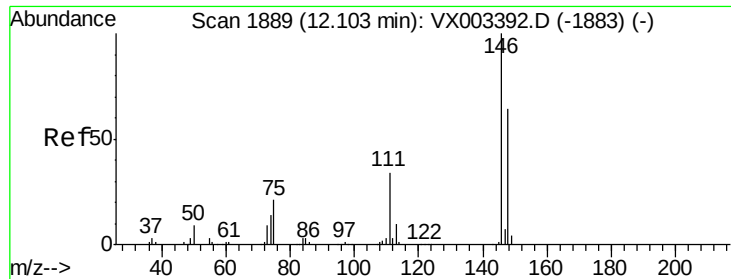


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.31 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :

MSVOA_X

ClientSampled :

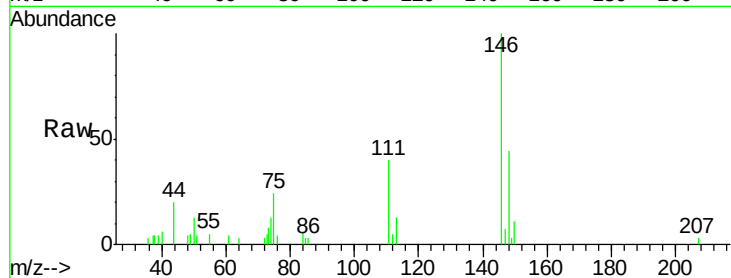
Tot Ion:146 Resp: 2307

Ion Ratio Lower Upper

146 100

111 36.4 18.7 56.1

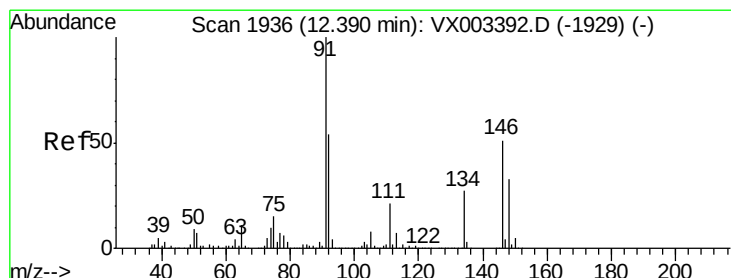
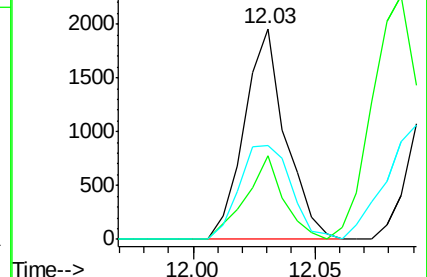
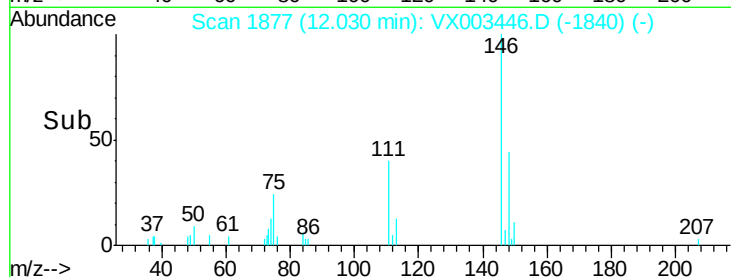
148 55.8 32.4 97.0



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



#89

n-Butylbenzene

Concen: 0.32 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

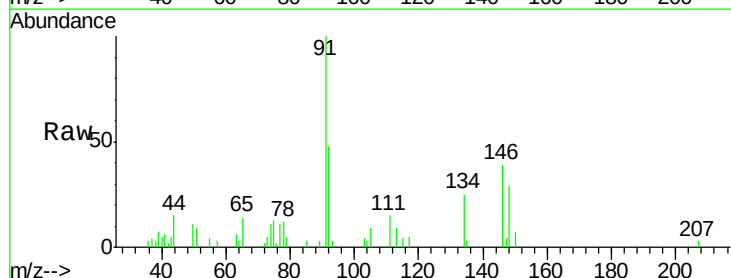
Tgt Ion: 91 Resp: 3376

Ion Ratio Lower Upper

91 100

92 49.9 26.0 78.0

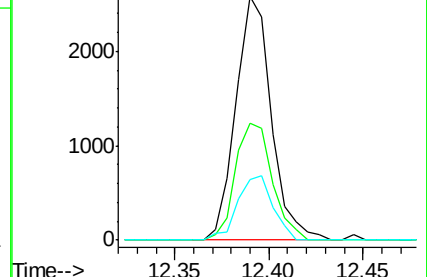
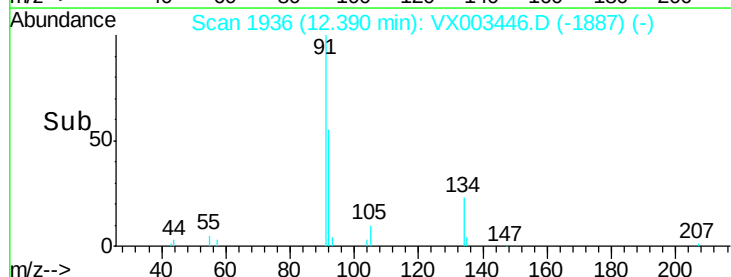
134 26.2 13.5 40.5

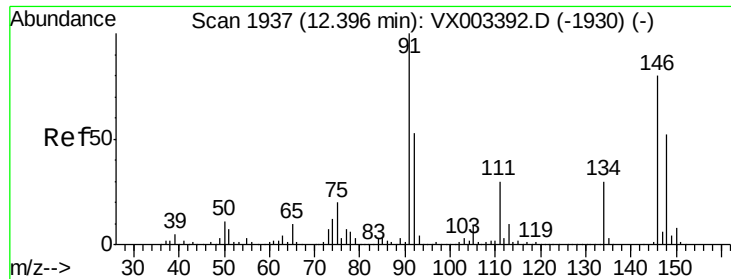


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

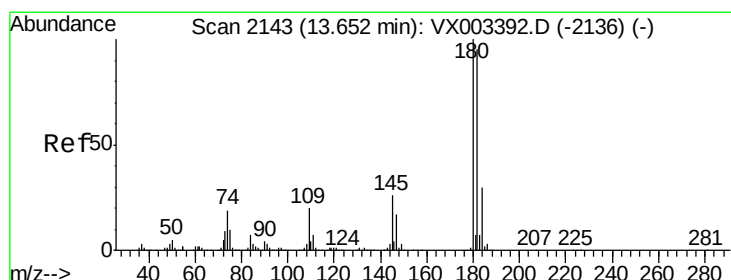
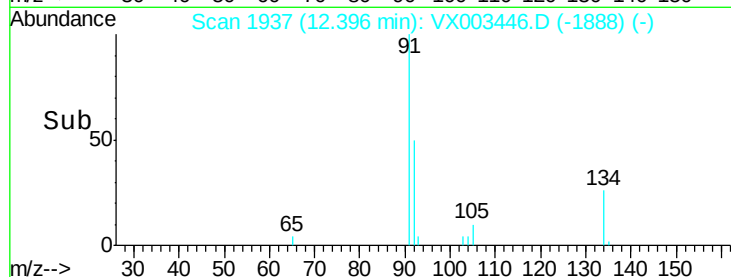
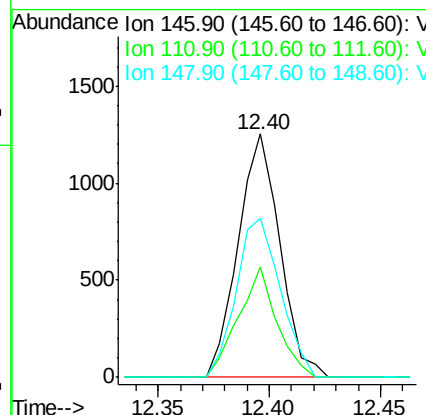
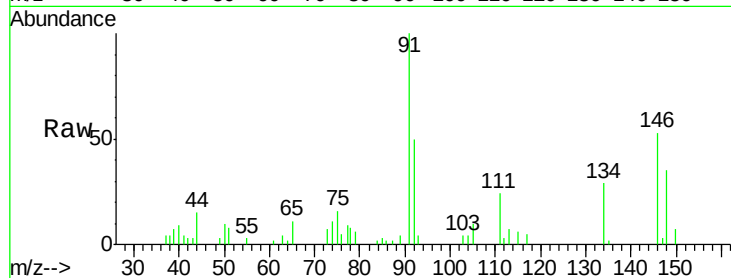




#91
 1,2-Dichlorobenzene
 Concen: 0.22 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003446.D
 Acq: 18 Jul 2018 14:41

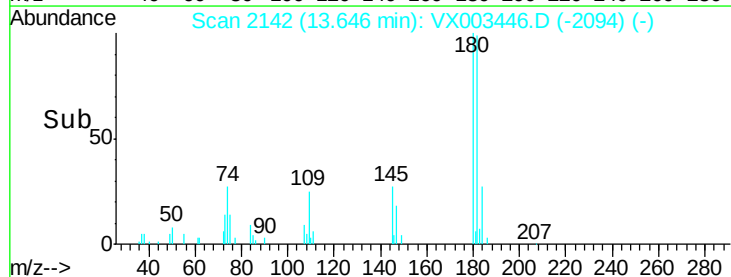
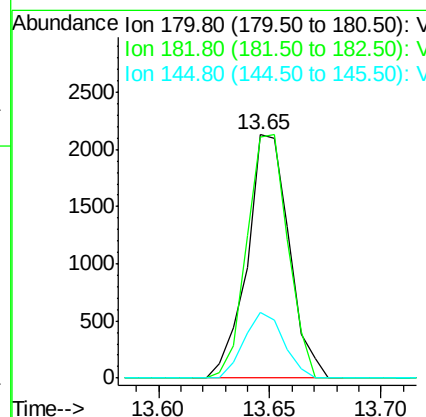
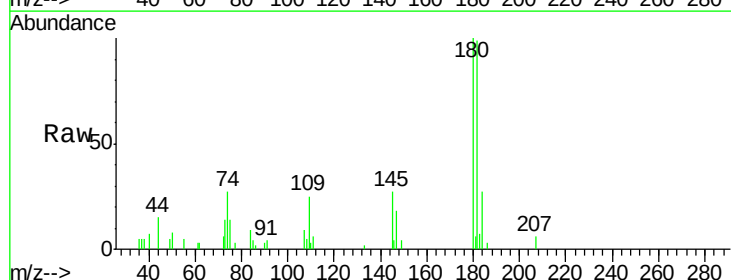
Instrument :
 MSVOA_X
 ClientSampleId :

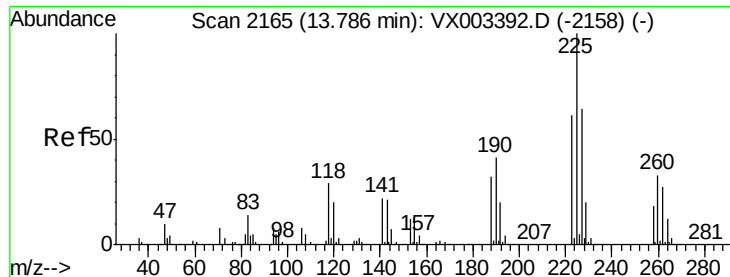
Tot Ion:146 Resp: 1637
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.4 58.1
 148 69.0 31.7 95.1



#93
 1,2,4-Trichlorobenzene
 Concen: 0.55 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003446.D
 Acq: 18 Jul 2018 14:41

Tgt Ion:180 Resp: 2799
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.7 143.1
 145 25.7 14.1 42.4





#94

Hexachlorobutadiene

Concen: 0.54 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

Instrument :

MSVOA_X

ClientSampled :

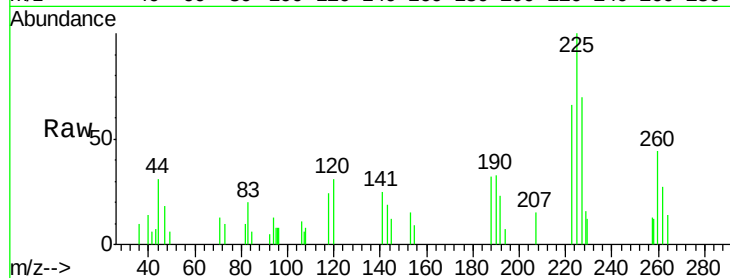
Tot Ion:225 Resp: 1328

Ion Ratio Lower Upper

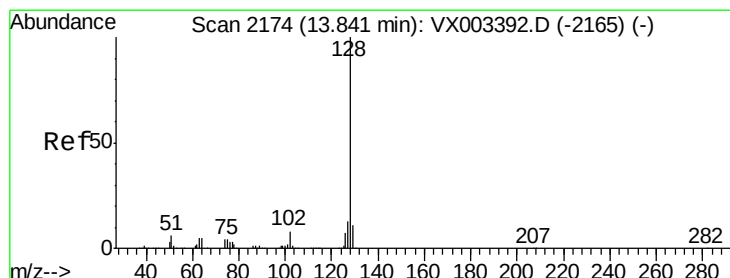
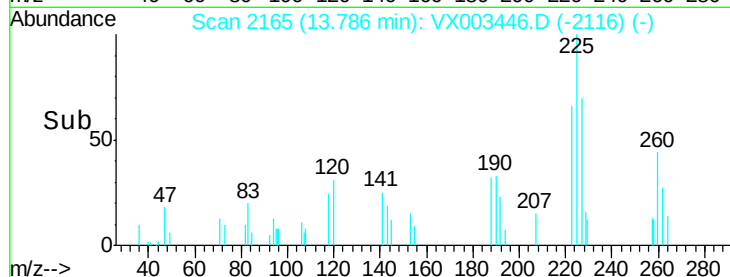
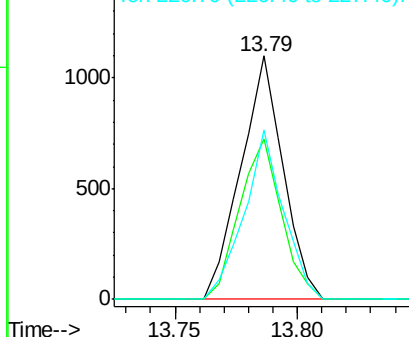
225 100

223 65.4 31.6 95.0

227 64.5 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.51 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003446.D

Acq: 18 Jul 2018 14:41

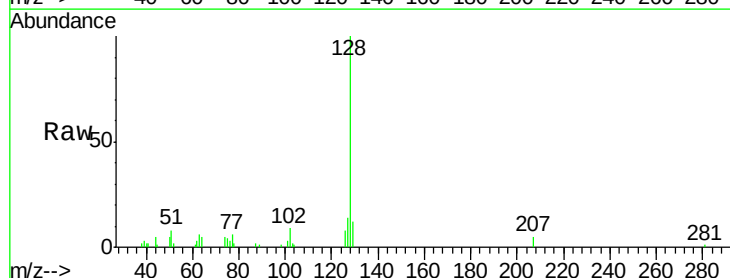
Tgt Ion:128 Resp: 7416

Ion Ratio Lower Upper

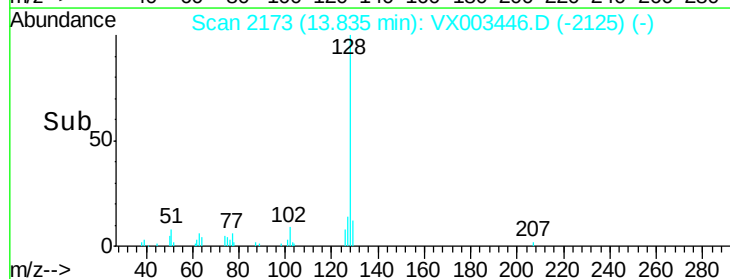
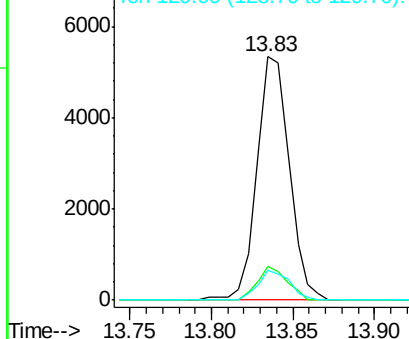
128 100

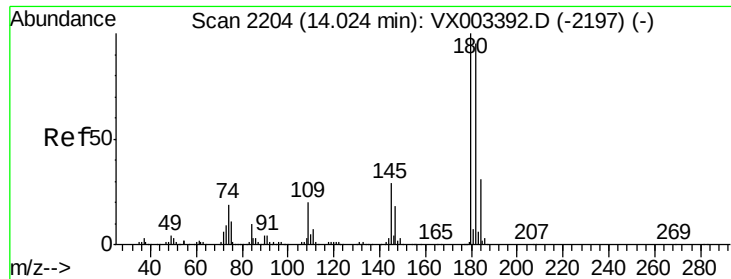
127 12.6 10.4 15.6

129 11.8 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

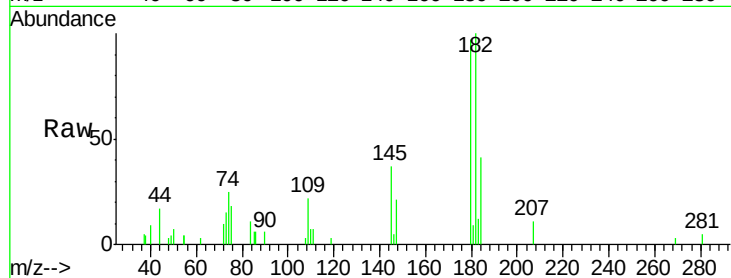




#96
 1,2,3-Trichlorobenzene
 Concen: 0.44 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003446.D
 Acq: 18 Jul 2018 14:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 2331
 Ion Ratio Lower Upper
 180 100
 182 101.3 48.0 144.0
 145 32.2 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

