

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001918.D
 Acq On : 23 May 2018 02:45
 Operator : JC/MD
 Sample : PB109456TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 03:39:08 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	141259	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	151597	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	
35) Dibromofluoromethane	5.51	113	125849	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	
50) Toluene-d8	8.72	98	459342	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.15	95	133894	37.33	ug/l	0.00
Spiked Amount			Recovery	=	74.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	571	0.21	ug/l	# 78
5) Bromomethane	1.66	94	1072	Below	Cal	87
8) Diethyl Ether	2.20	74	449	0.26	ug/l	82
10) Methyl Iodide	2.53	142	1601	0.69	ug/l	# 82
13) Acrolein	2.29	56	273	0.66	ug/l	# 53
15) Acrylonitrile	3.16	53	973	0.66	ug/l	# 91
16) Acetone	2.45	43	9397	7.24	ug/l	98
17) Carbon Disulfide	2.57	76	2079	0.33	ug/l	# 78
18) Methyl Acetate	2.78	43	22770	6.00	ug/l	100
20) Methylene Chloride	2.86	84	6140	2.21	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	657	0.24	ug/l	# 73
23) Vinyl Acetate	3.82	43	1357	0.22	ug/l	# 71
25) 2-Butanone	4.73	43	2145	1.08	ug/l	93
29) Tetrahydrofuran	5.17	42	973	0.75	ug/l	# 88
36) 1,1-Dichloropropene	5.82	75	837	0.22	ug/l	# 70
38) Carbon Tetrachloride	5.67	117	20386	5.13	ug/l	# 16
49) 1,4-Dioxane	7.63	88	20	0.32	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.67	43	843	0.21	ug/l	94
59) 2-Hexanone	9.50	43	816	0.29	ug/l	83
68) m/p-Xylenes	10.36	106	1310	0.28	ug/l	92
71) Bromoform	10.86	173	102	2.97	ug/l	# 29
76) 1,2,3-Trichloropropane	11.14	75	63924	23.80	ug/l	# 39
77) Bromobenzene	11.26	156	686	0.25	ug/l	88
78) n-propylbenzene	11.37	91	2766	0.26	ug/l	98
79) 2-Chlorotoluene	11.43	91	1333	0.21	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	63924	69.54	ug/l	# 10
82) 4-Chlorotoluene	11.52	91	2213	0.30	ug/l	97
86) p-Isopropyltoluene	12.07	119	1882	0.22	ug/l	# 77
87) 1,3-Dichlorobenzene	12.03	146	1958	0.39	ug/l	93
88) 1,4-Dichlorobenzene	12.03	146	1958	0.37	ug/l	93
89) n-Butylbenzene	12.40	91	2886	0.38	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	1425	0.28	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	2498	0.62	ug/l	95
94) Hexachlorobutadiene	13.79	225	830	0.39	ug/l	87

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
Data File : VX001918.D
Acq On : 23 May 2018 02:45
Operator : JC/MD
Sample : PB109456TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 23 03:39:08 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

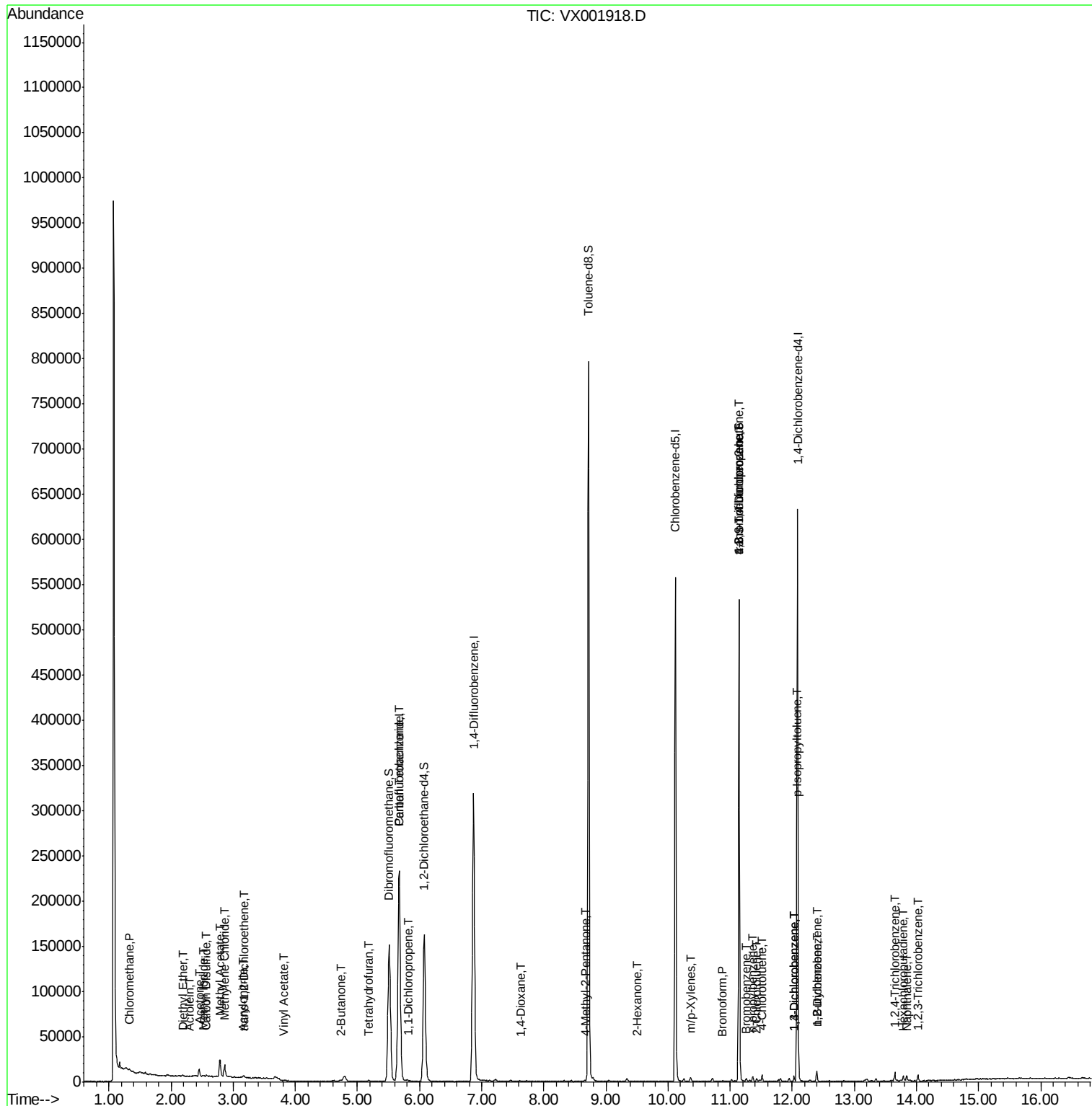
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.84	128	3387	0.32	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1917	0.47	ug/l	99

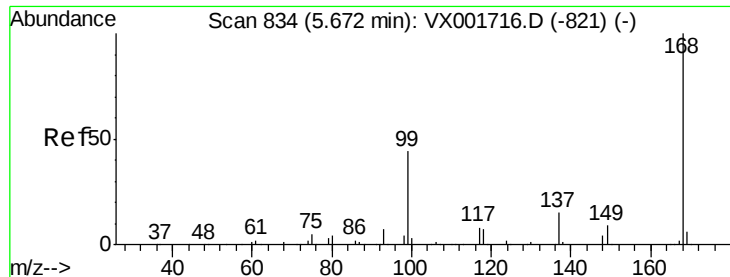
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
Data File : VX001918.D
Acq On : 23 May 2018 02:45
Operator : JC/MD
Sample : PB109456TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 23 03:39:08 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

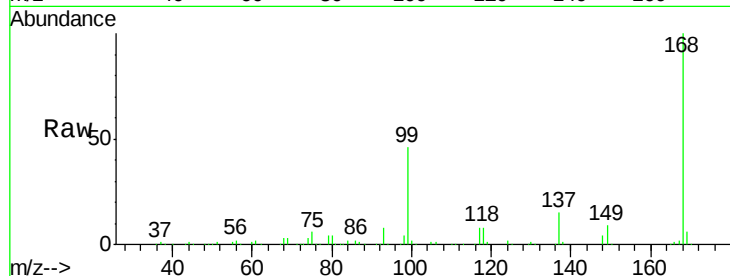
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 246474

Ion Ratio Lower Upper

168 100

99 45.6 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

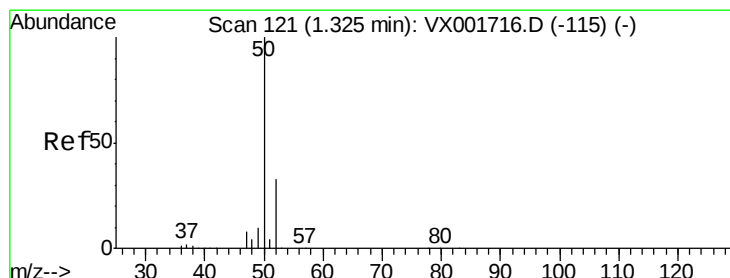
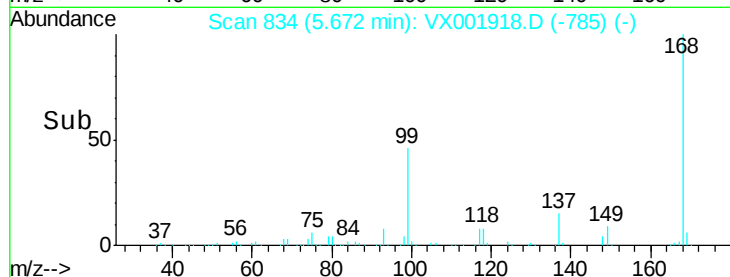
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.21 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001918.D

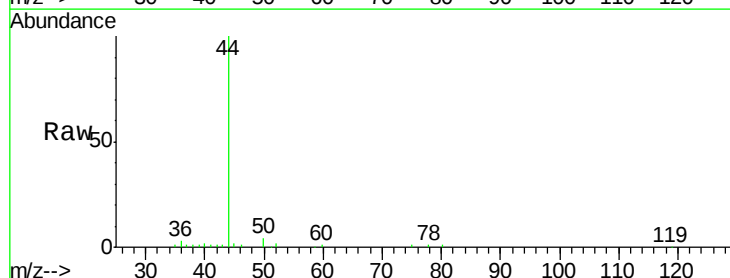
Acq: 23 May 2018 02:45

Tgt Ion: 50 Resp: 571

Ion Ratio Lower Upper

50 100

52 45.4 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

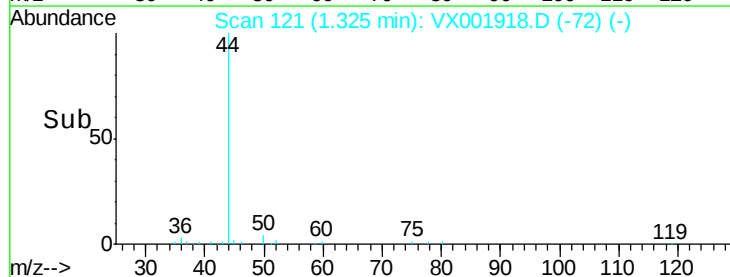
300

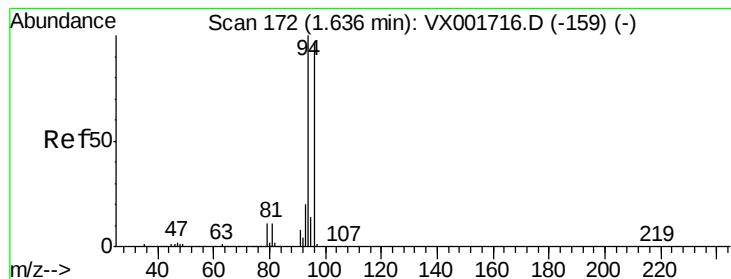
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

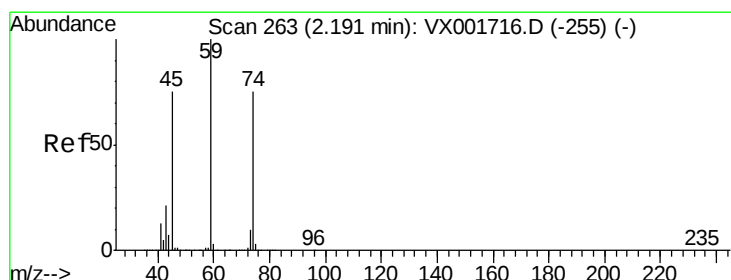
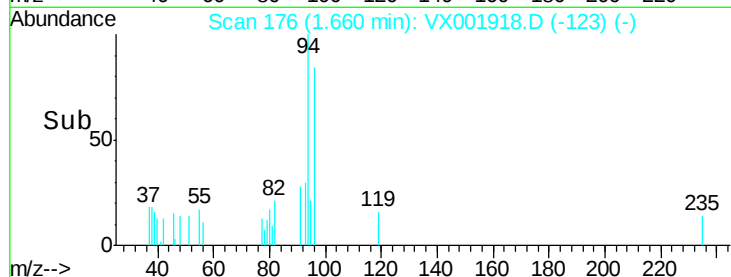
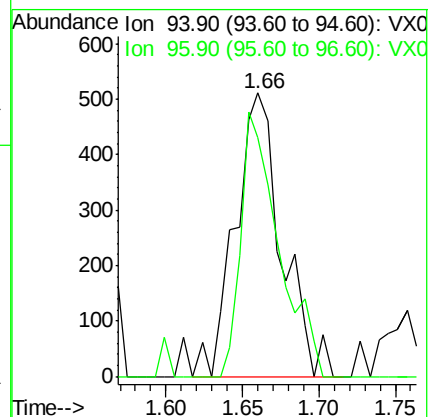
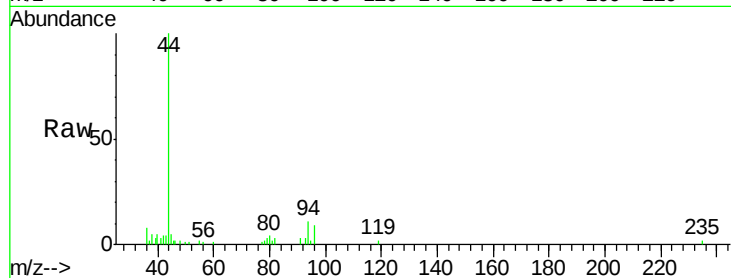
ClientSampleId :

Tot Ion: 94 Resp: 1072

Ion Ratio Lower Upper

94 100

96 84.3 77.4 116.0



#8

Diethyl Ether

Concen: 0.26 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX001918.D

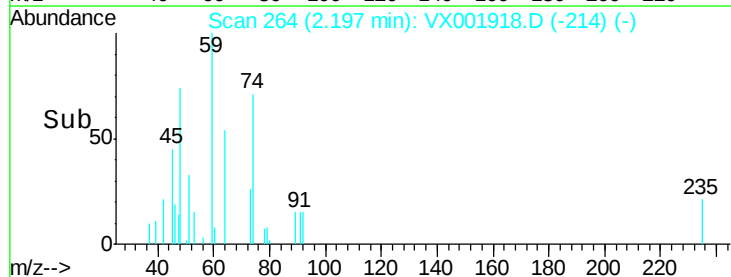
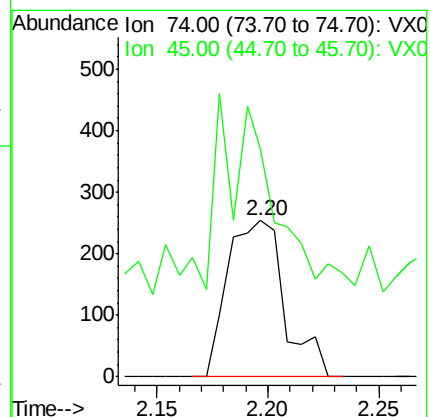
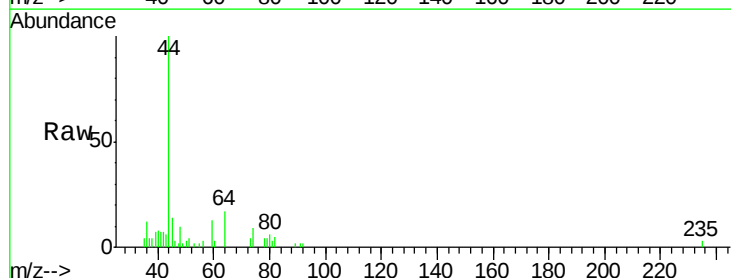
Acq: 23 May 2018 02:45

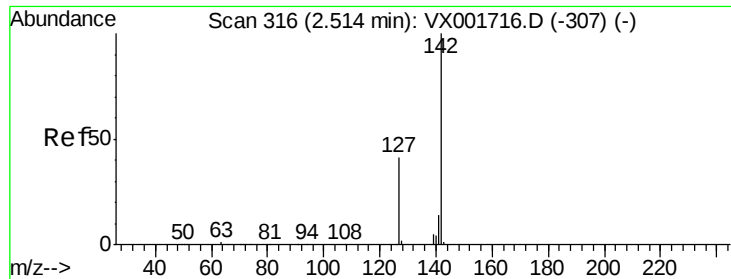
Tgt Ion: 74 Resp: 449

Ion Ratio Lower Upper

74 100

45 117.8 50.0 149.8

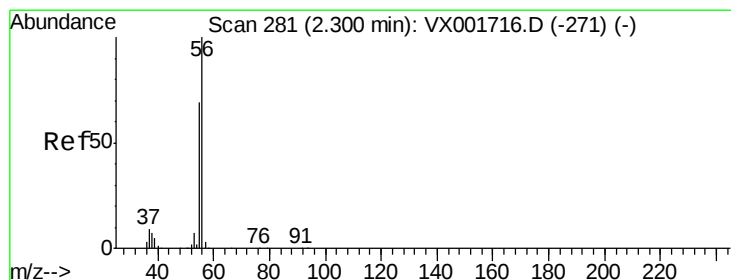
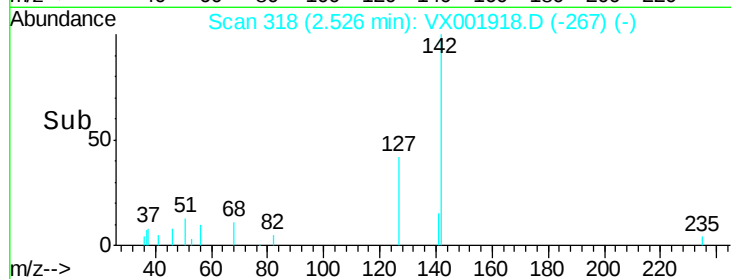
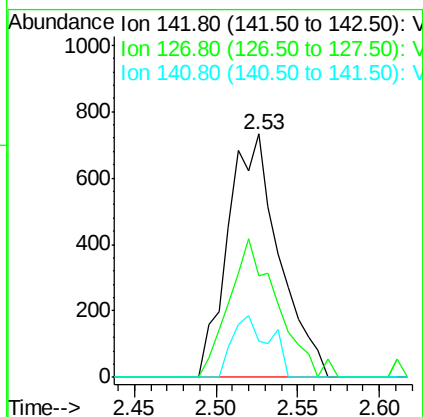
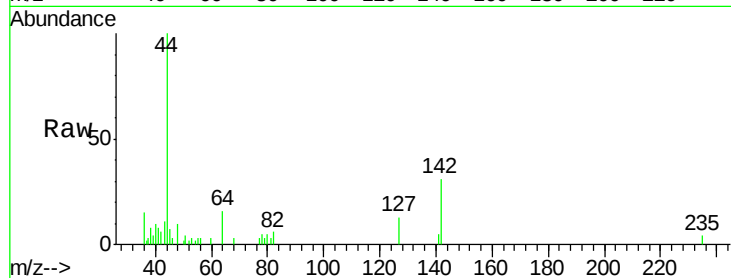




#10
Methvl Iodide
Concen: 0.69 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

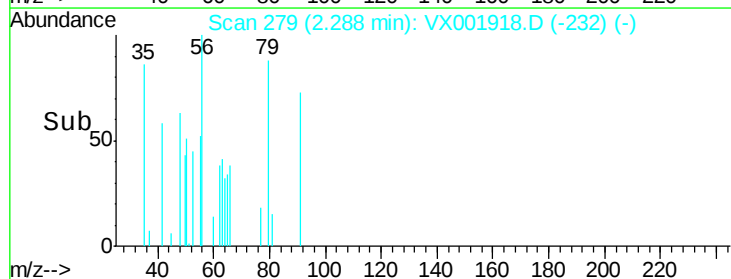
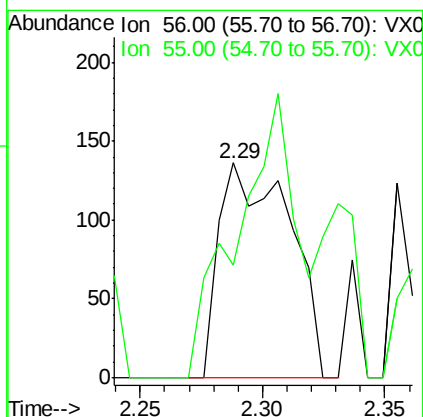
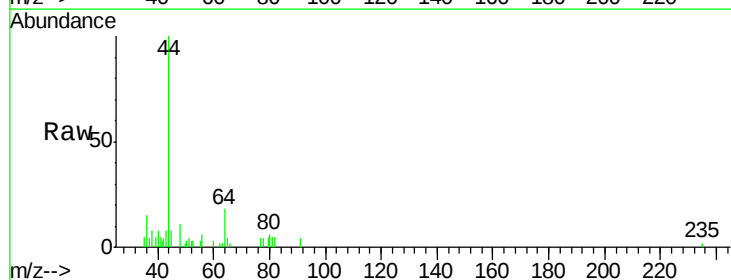
Instrument :
MSVOA_X
ClientSampleId :

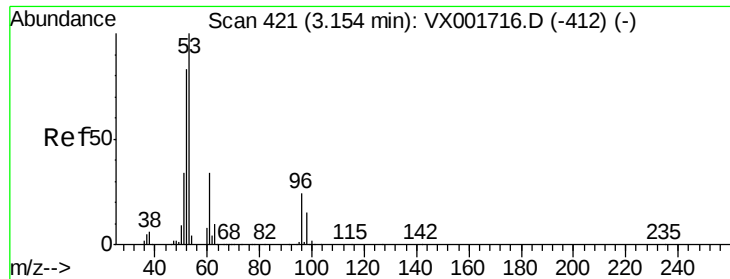
Tot Ion:142 Resp: 1601
Ion Ratio Lower Upper
142 100
127 53.7 32.5 48.7#
141 18.2 11.4 17.0#



#13
Acrolein
Concen: 0.66 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

Tgt Ion: 56 Resp: 273
Ion Ratio Lower Upper
56 100
55 108.8 56.2 84.2#





#15

Acrylonitrile

Concen: 0.66 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

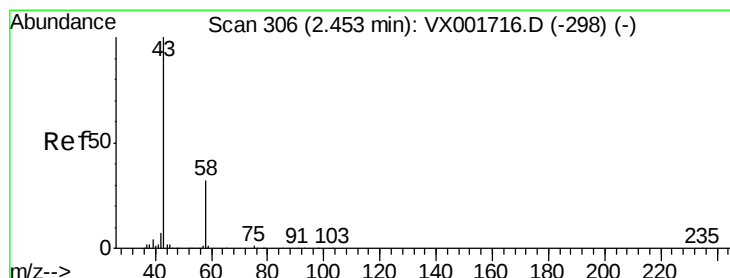
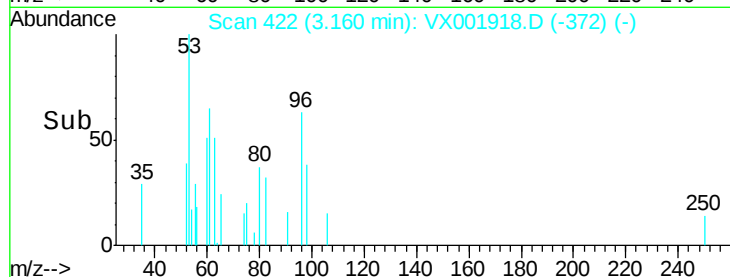
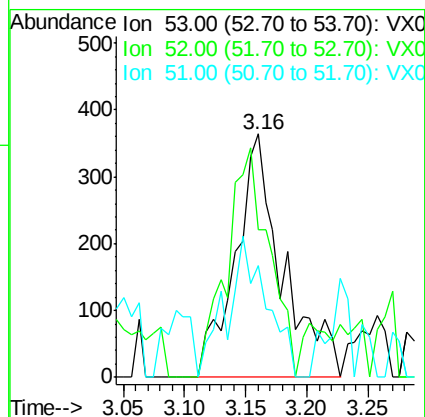
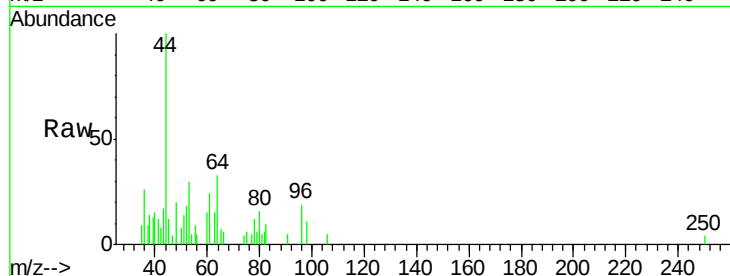
Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 973

Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.6	98.4
51	49.1	28.1	42.1#



#16

Acetone

Concen: 7.24 ug/l

RT: 2.45 min Scan# 306

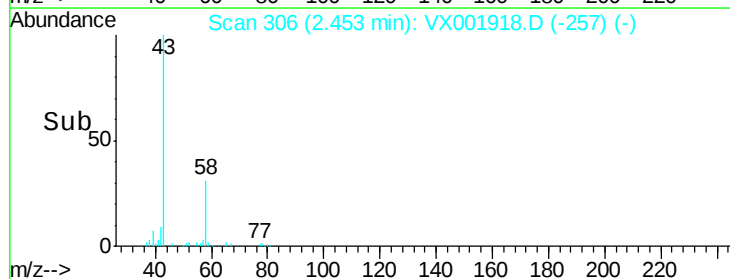
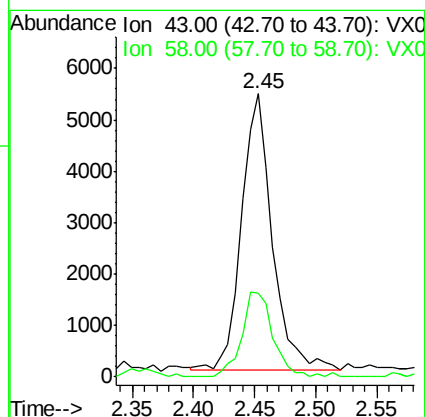
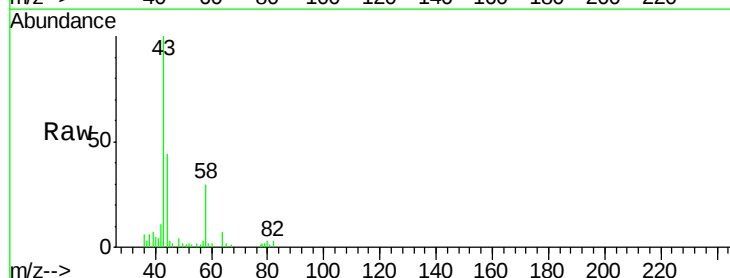
Delta R.T. -0.00 min

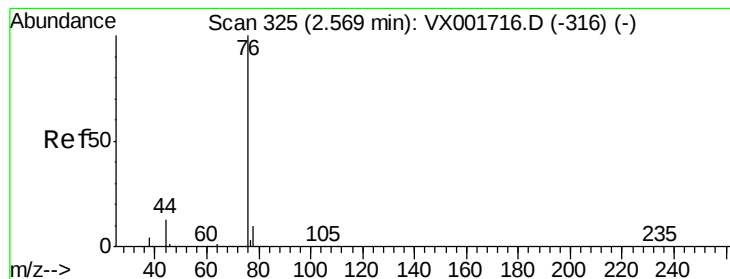
Lab File: VX001918.D

Acq: 23 May 2018 02:45

Tgt Ion: 43 Resp: 9397

Ion	Ratio	Lower	Upper
43	100		
58	30.4	25.3	37.9





#17

Carbon Disulfide

Concen: 0.33 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

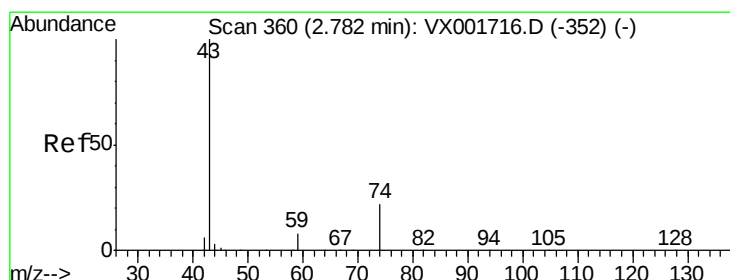
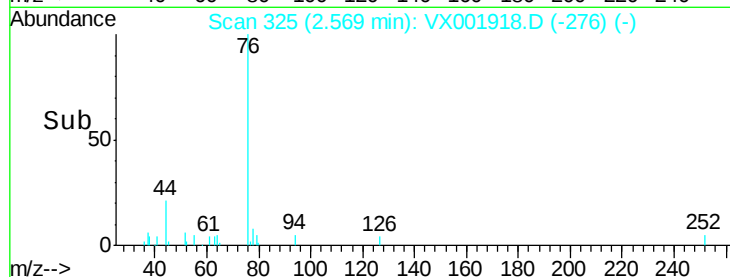
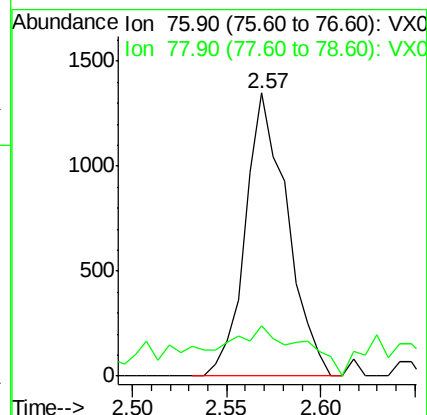
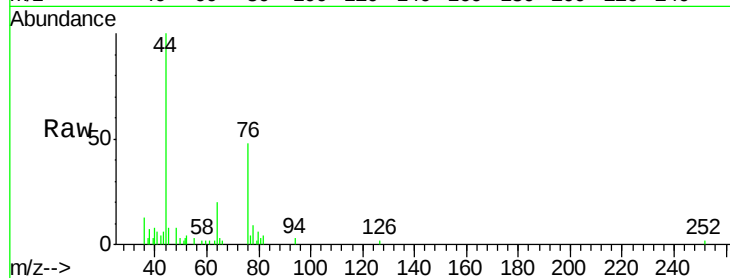
ClientSampleId :

Tot Ion: 76 Resp: 2079

Ion Ratio Lower Upper

76 100

78 17.7 7.6 11.4#



#18

Methyl Acetate

Concen: 6.00 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001918.D

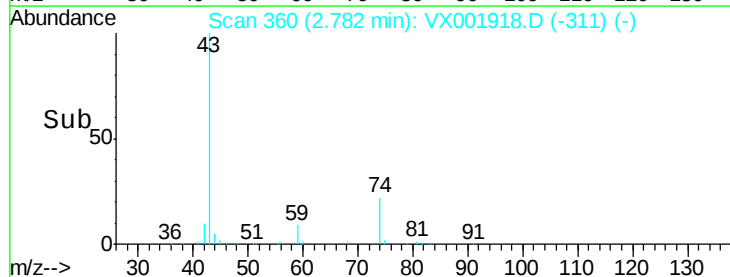
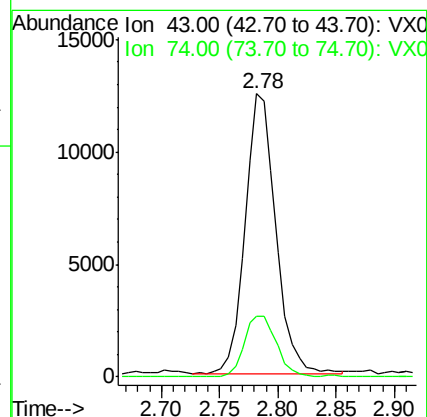
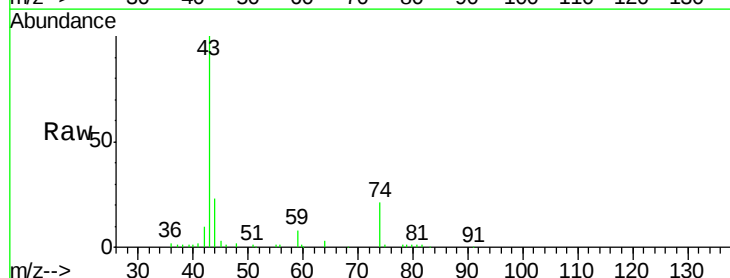
Acq: 23 May 2018 02:45

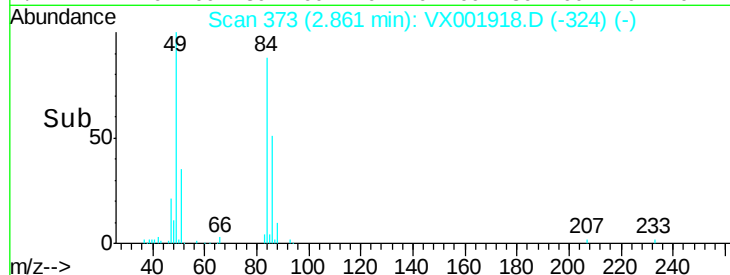
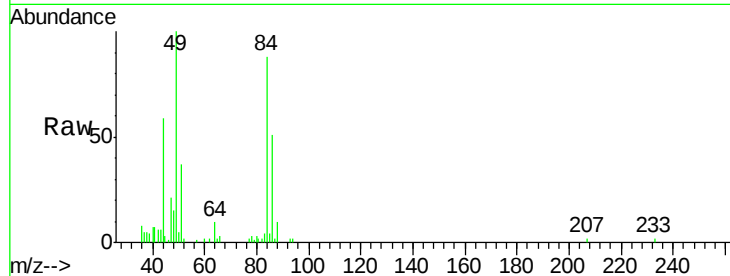
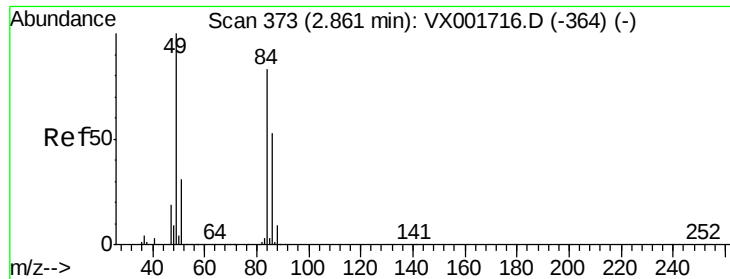
Tgt Ion: 43 Resp: 22770

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.2

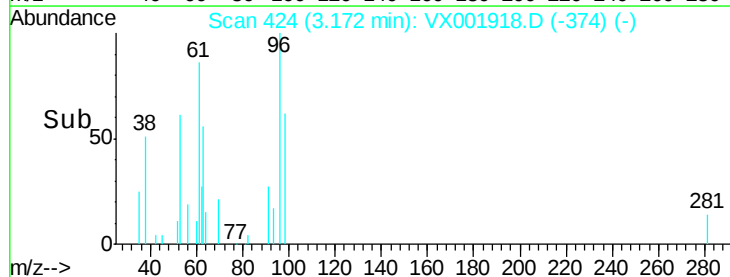
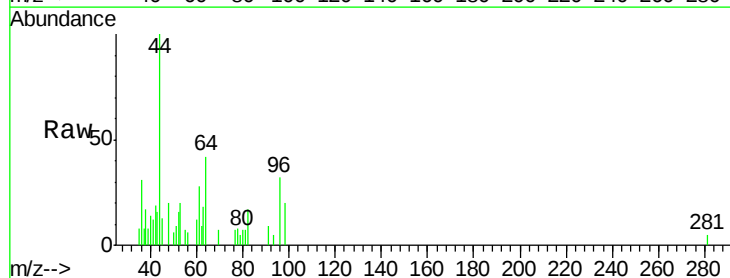
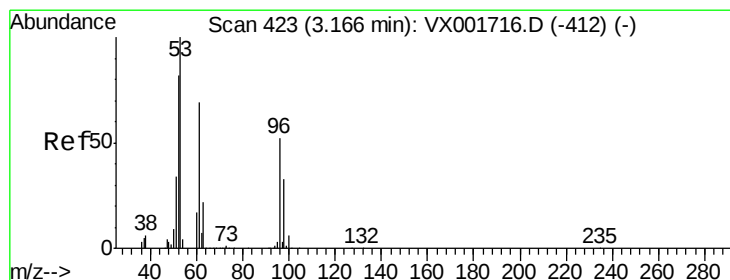
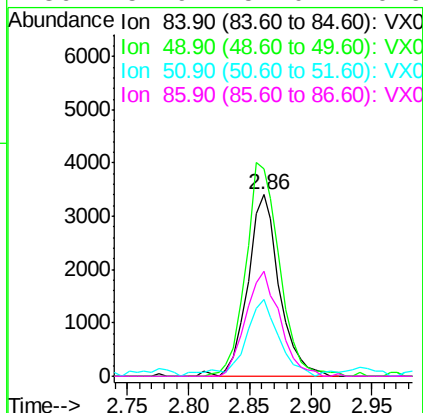




#20
Methvlene Chloride
Concen: 2.21 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

Tot Ion: 84 Resp: 6140

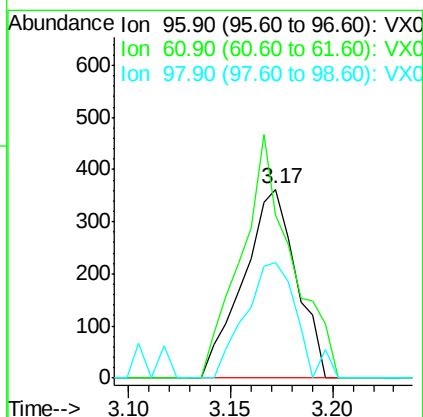
Ion	Ratio	Lower	Upper
84	100		
49	114.1	96.3	144.5
51	40.2	29.8	44.6
86	57.9	51.0	76.6

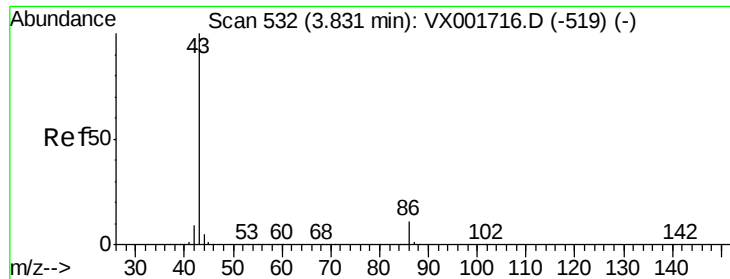


#21
trans-1,2-Dichloroethene
Concen: 0.24 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

Tgt Ion: 96 Resp: 657

Ion	Ratio	Lower	Upper
96	100		
61	86.5	105.8	158.8#
98	61.6	50.2	75.4





#23

Vinyl Acetate

Concen: 0.22 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

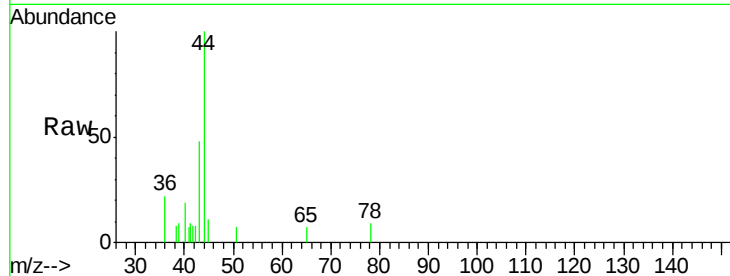
ClientSampled :

Tot Ion: 43 Resp: 1357

Ion Ratio Lower Upper

43 100

86 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

300

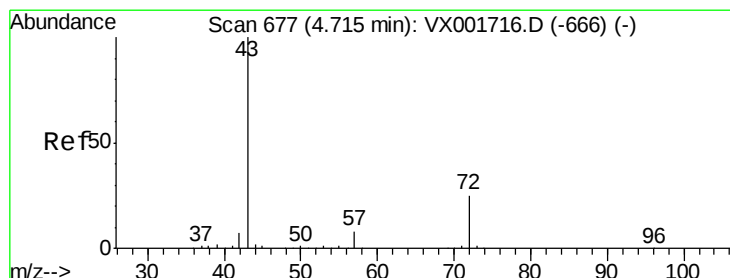
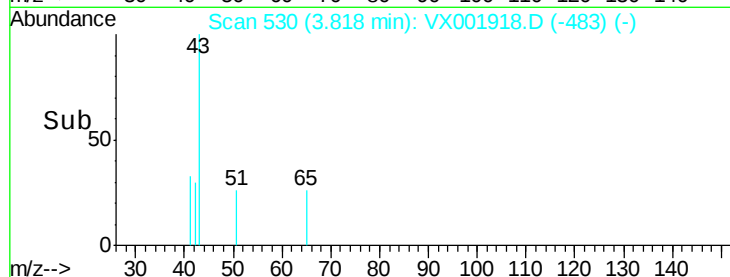
200

100

0

3.75 3.80 3.85 3.90 3.95

Time-->



#25

2-Butanone

Concen: 1.08 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.02 min

Lab File: VX001918.D

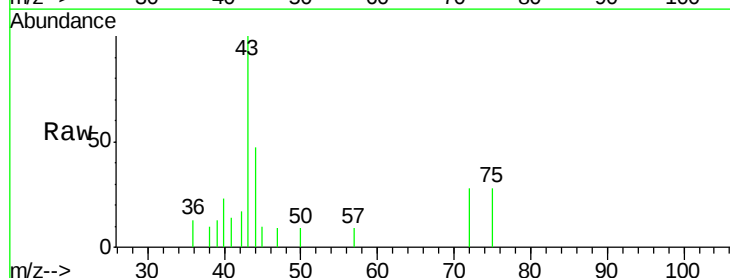
Acq: 23 May 2018 02:45

Tgt Ion: 43 Resp: 2145

Ion Ratio Lower Upper

43 100

72 28.2 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.73

800

600

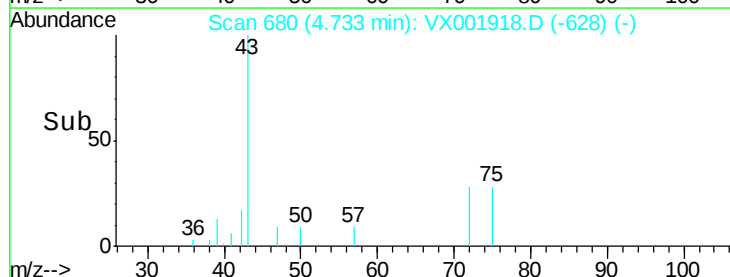
400

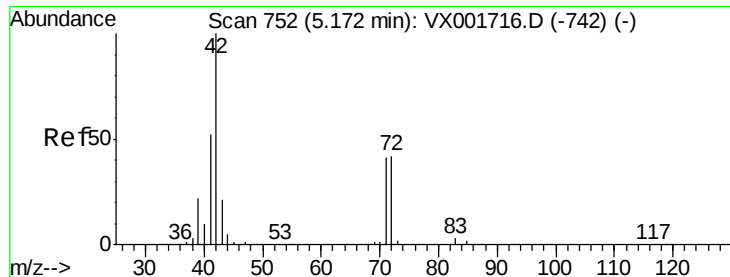
200

0

4.60 4.65 4.70 4.75 4.80

Time-->

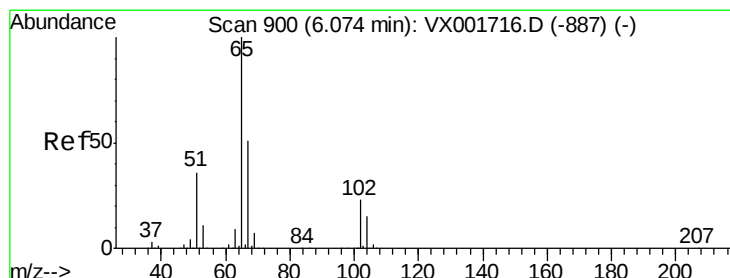
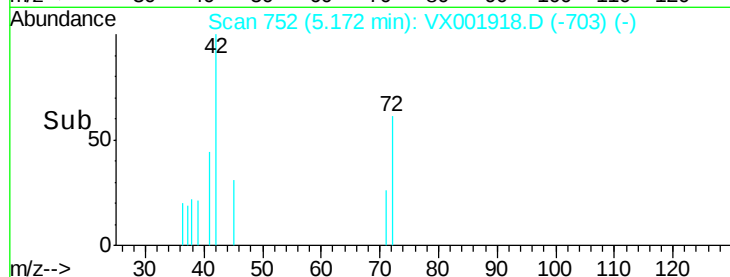
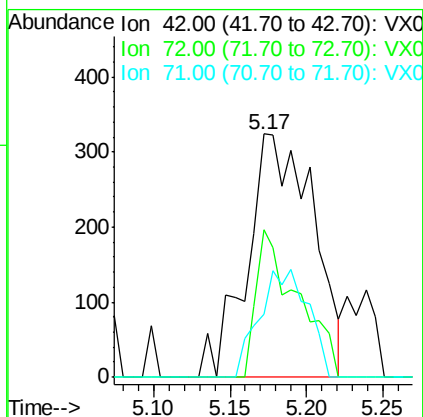
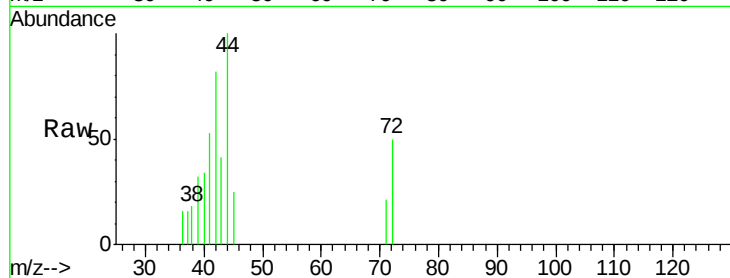




#29
Tetrahydrofuran
Concen: 0.75 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

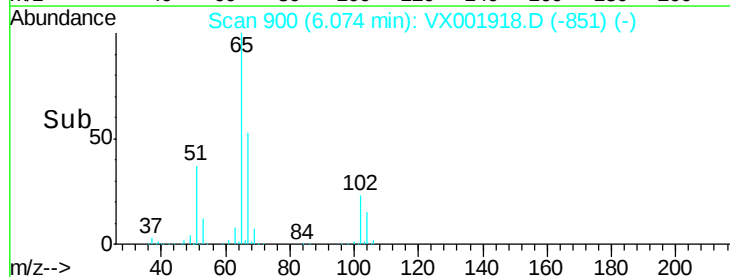
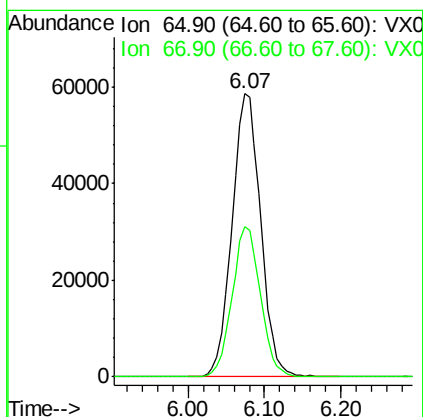
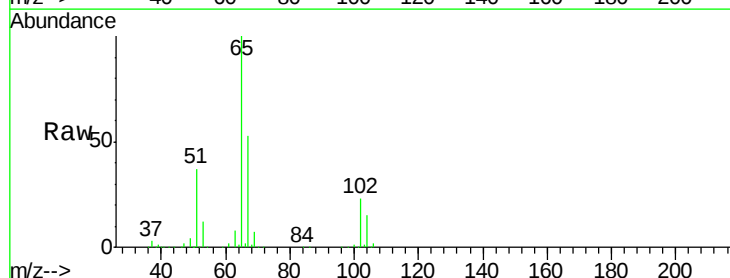
Instrument :
MSVOA_X
ClientSampled :

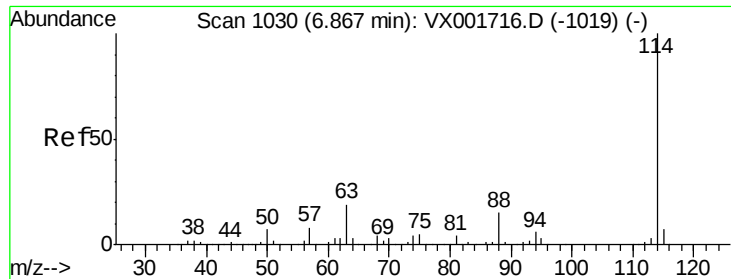
Tot Ion: 42 Resp: 973
Ion Ratio Lower Upper
42 100
72 37.9 35.4 53.2
71 32.7 33.2 49.8#



#33
1,2-Dichloroethane-d4
Concen: 45.89 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

Tgt Ion: 65 Resp: 151597
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

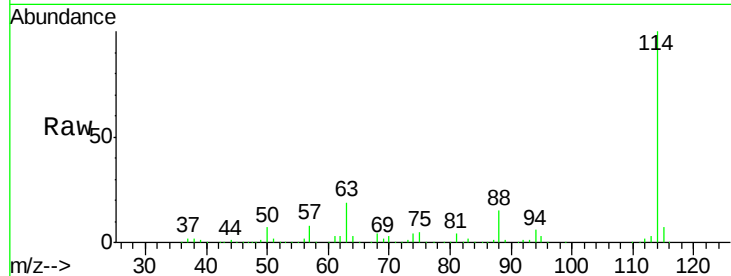
Tot Ion:114 Resp: 329565

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.0

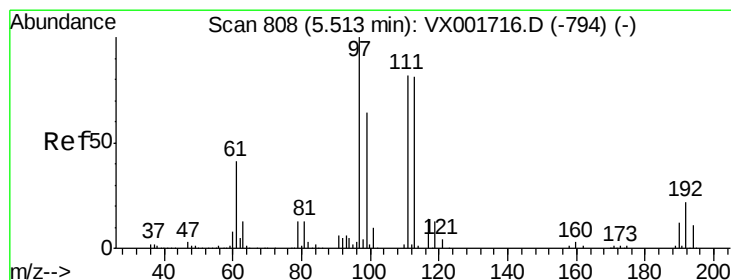
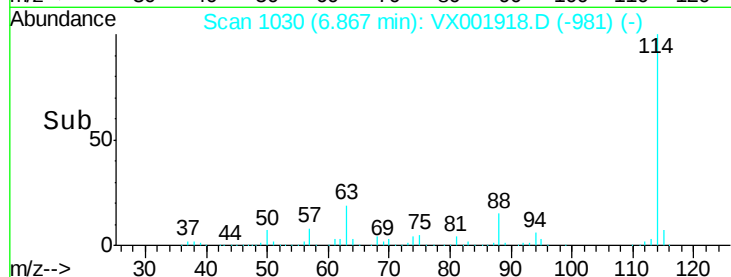
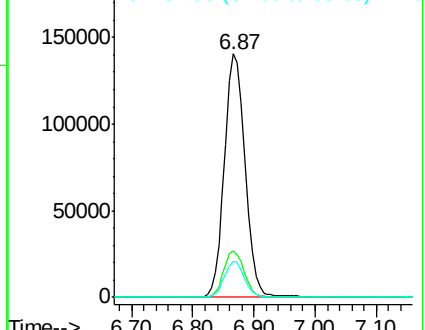
88 15.1 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 45.25 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

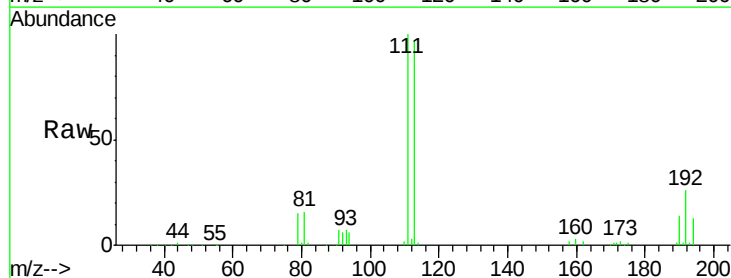
Tgt Ion:113 Resp: 125849

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

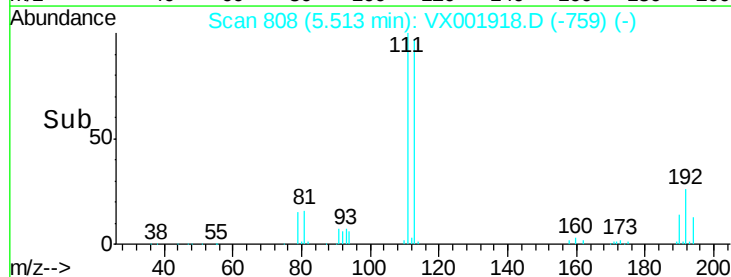
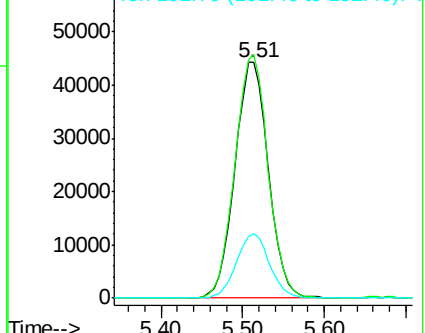
192 27.0 21.6 32.4

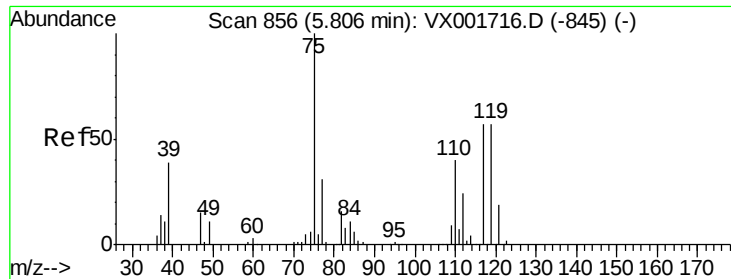


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

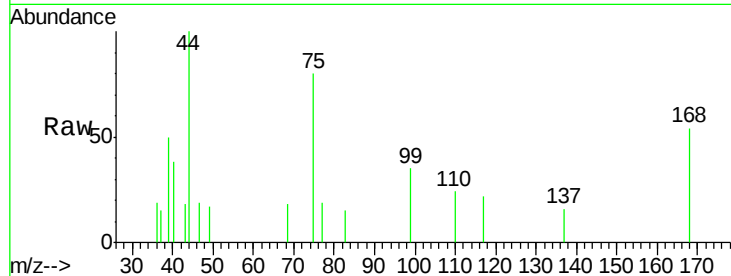




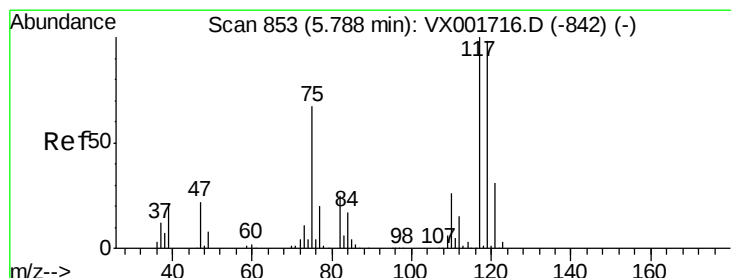
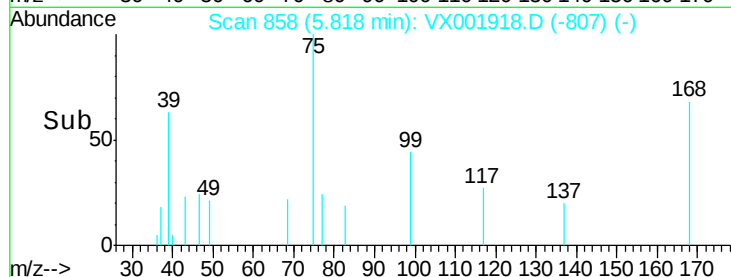
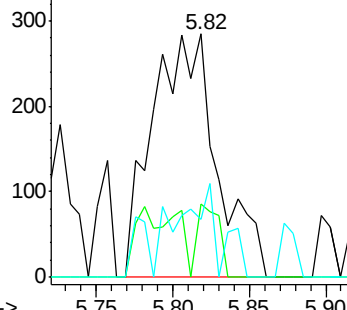
#36
 1,1-Dichloropropene
 Concen: 0.22 ug/l
 RT: 5.82 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: VX001918.D
 Acq: 23 May 2018 02:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 837
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.1 57.1#
 77 25.1 24.6 37.0

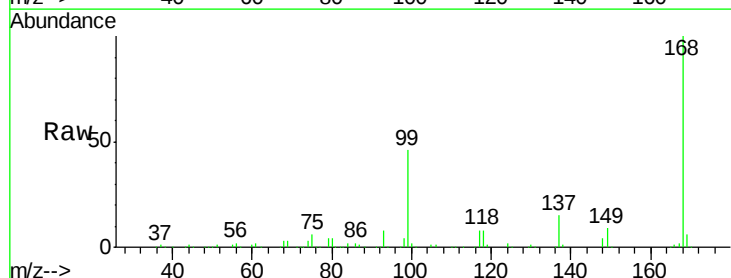


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

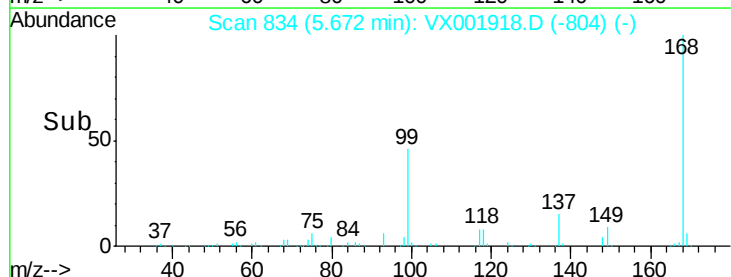
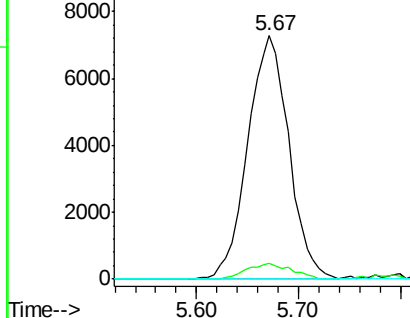


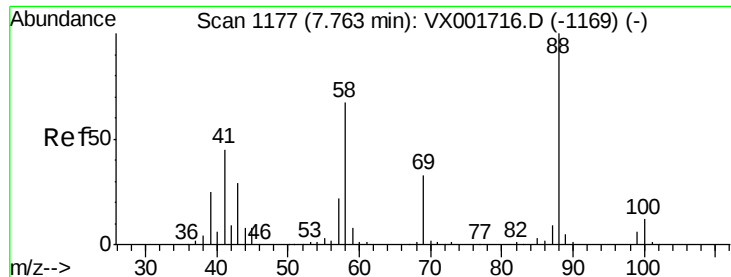
#38
 Carbon Tetrachloride
 Concen: 5.13 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001918.D
 Acq: 23 May 2018 02:45

Tgt Ion: 117 Resp: 20386
 Ion Ratio Lower Upper
 117 100
 119 6.3 77.6 116.4#
 121 0.0 24.6 36.8#



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

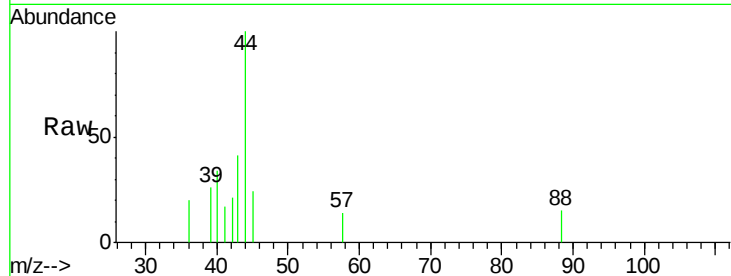




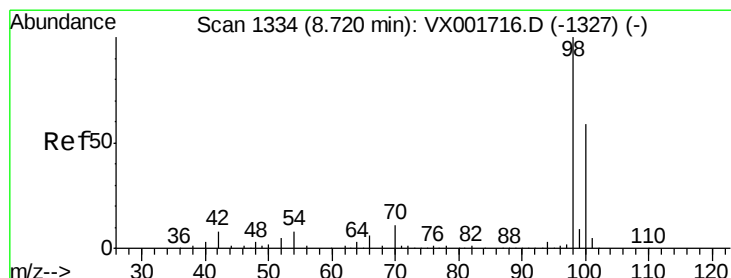
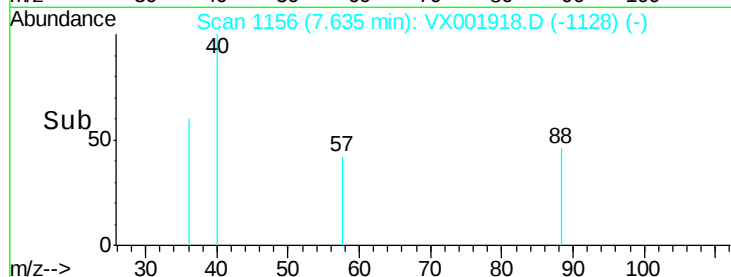
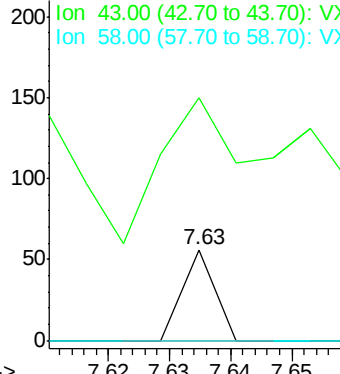
#49
 1,4-Dioxane
 Concen: 0.32 ug/l
 RT: 7.63 min Scan# 1156
 Delta R.T. -0.13 min
 Lab File: VX001918.D
 Acq: 23 May 2018 02:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 20
 Ion Ratio Lower Upper
 88 100
 43 455.0 27.3 40.9#
 58 0.0 55.9 83.9#

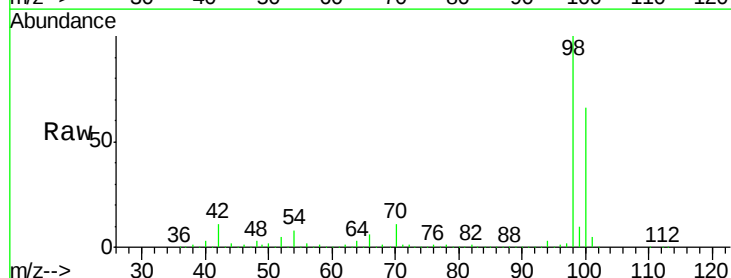


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

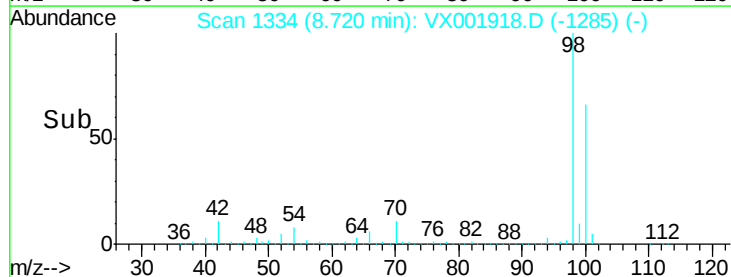
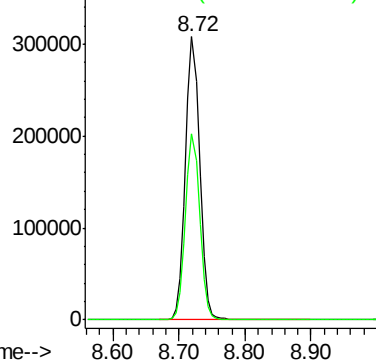


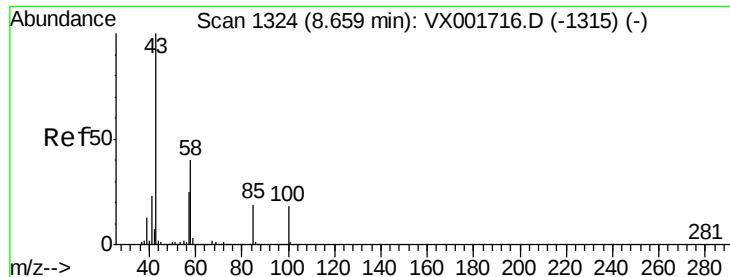
#50
 Toluene-d8
 Concen: 46.11 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001918.D
 Acq: 23 May 2018 02:45

Tgt Ion: 98 Resp: 459342
 Ion Ratio Lower Upper
 98 100
 100 65.9 54.0 81.0



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

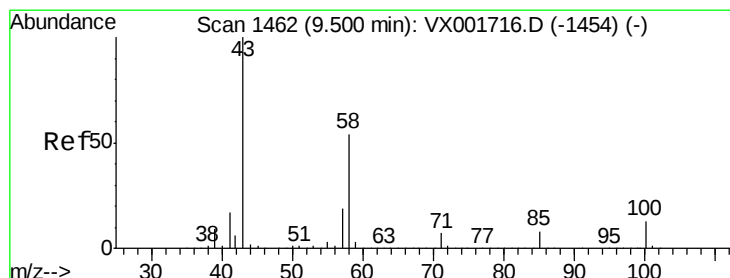
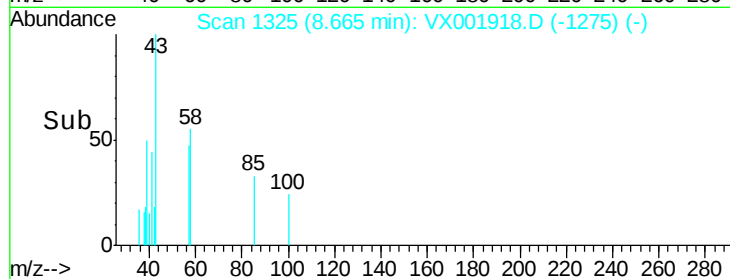
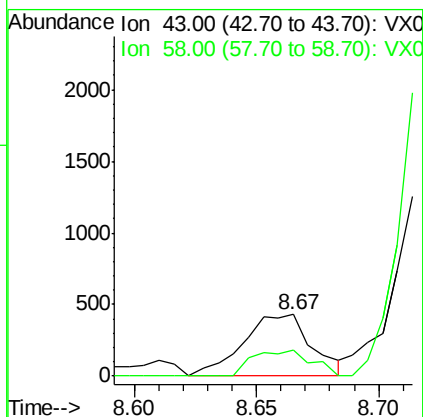
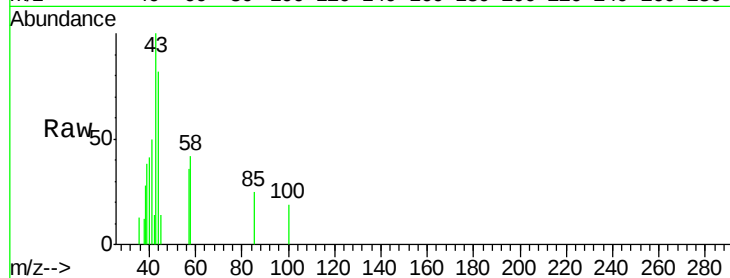




#51
4-Methyl-2-Pentanone
Concen: 0.21 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

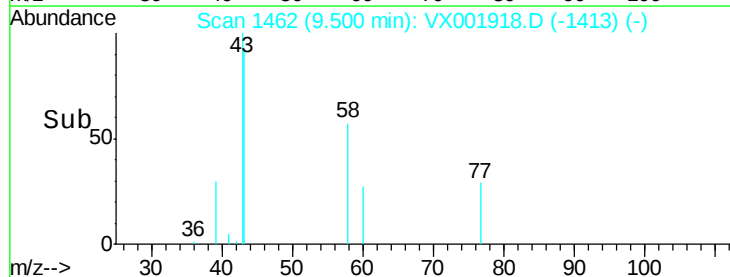
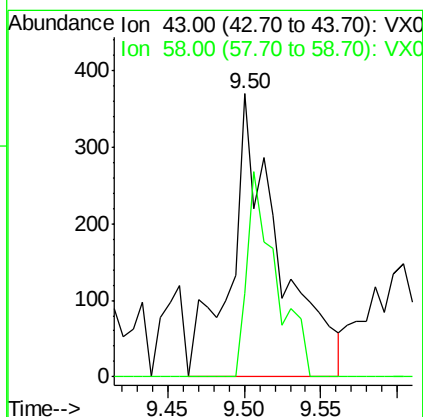
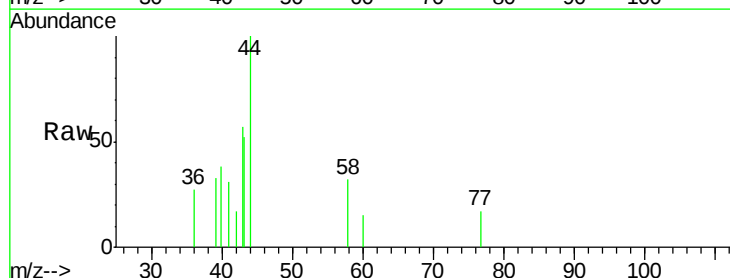
Instrument :
MSVOA_X
ClientSampled :

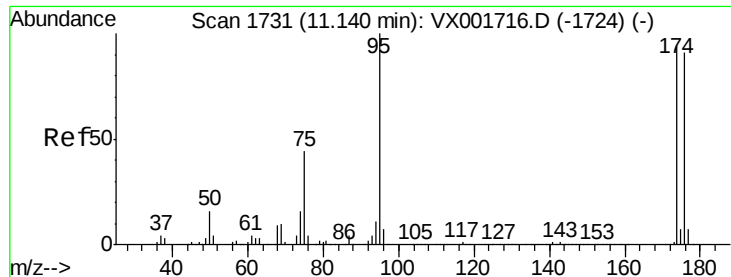
Tot Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
58 35.5 31.4 47.0



#59
2-Hexanone
Concen: 0.29 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

Tgt Ion: 43 Resp: 816
Ion Ratio Lower Upper
43 100
58 42.8 27.7 83.1





#62

4-Bromofluorobenzene

Concen: 37.33 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

ClientSampled :

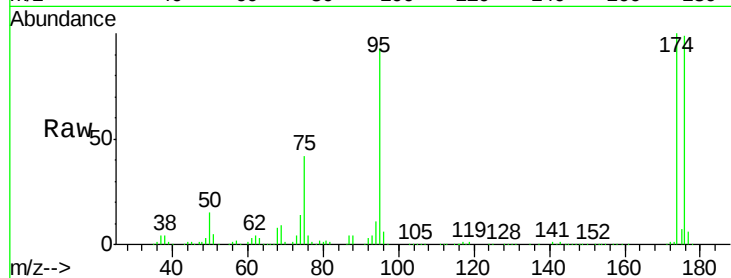
Tot Ion: 95 Resp: 133894

Ion Ratio Lower Upper

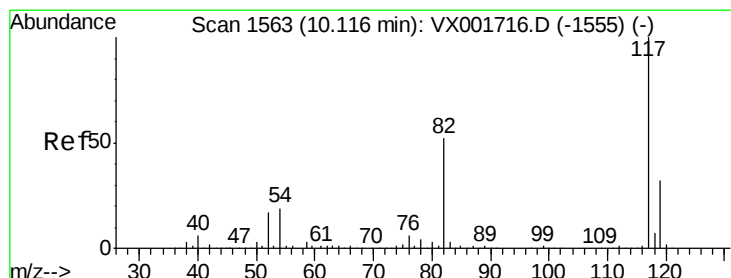
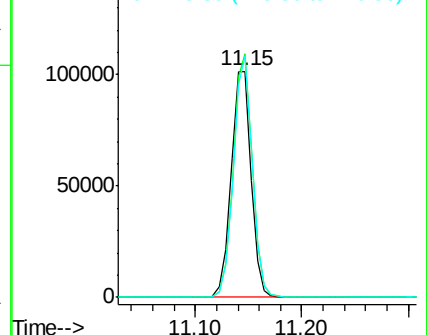
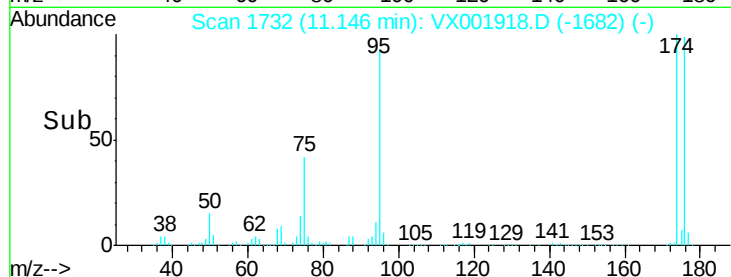
95 100

174 102.4 0.0 201.8

176 100.2 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX001918.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

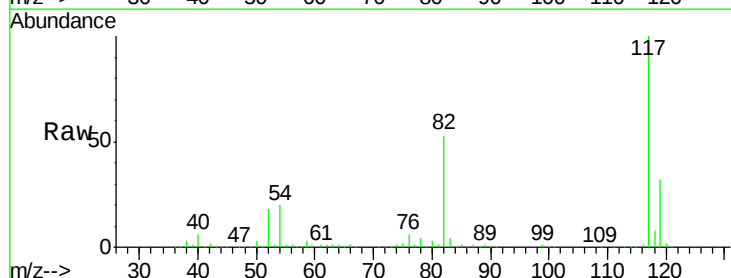
Tgt Ion: 117 Resp: 268109

Ion Ratio Lower Upper

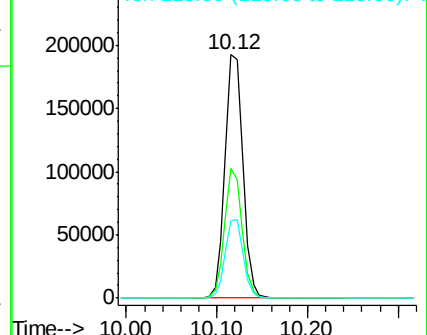
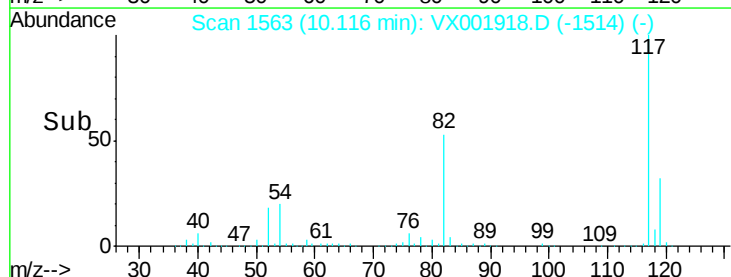
117 100

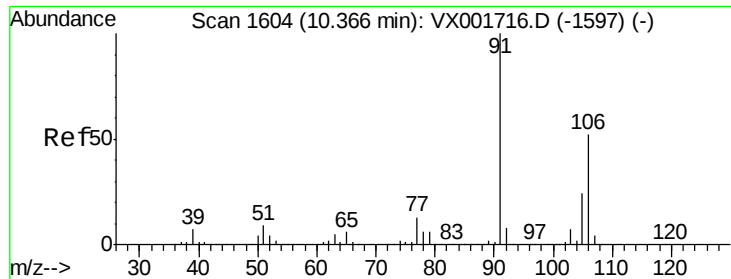
82 53.2 41.4 62.2

119 31.8 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VX001918.D (-1514) (-)

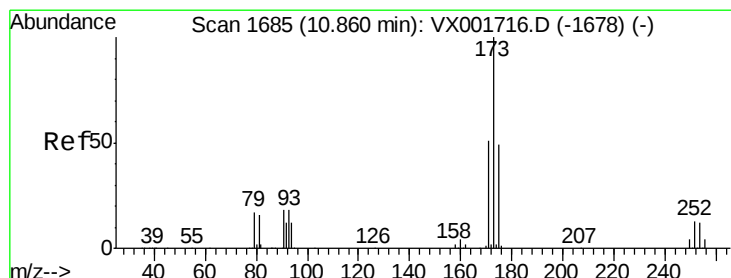
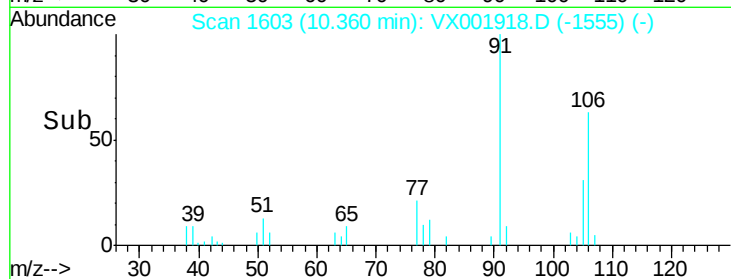
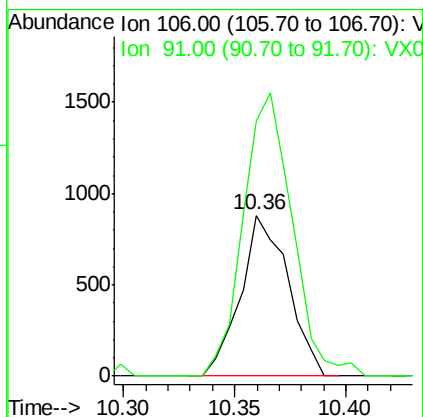
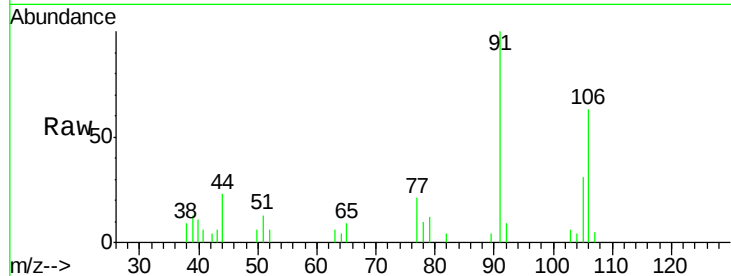




#68
m/p-Xvlenes
Concen: 0.28 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

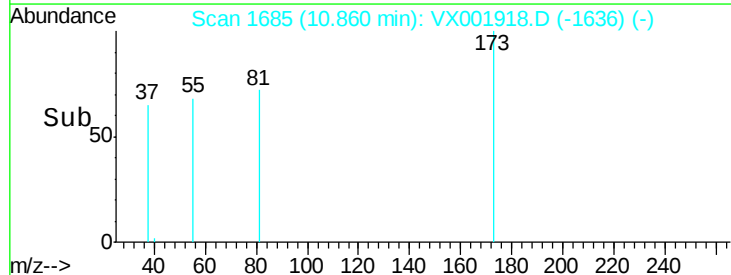
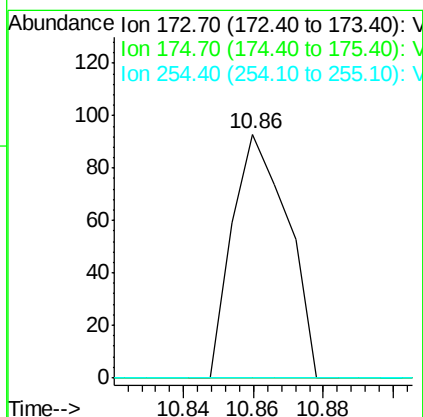
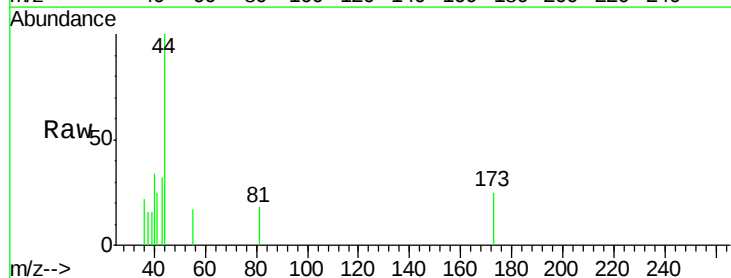
Instrument :
MSVOA_X
ClientSampleId :

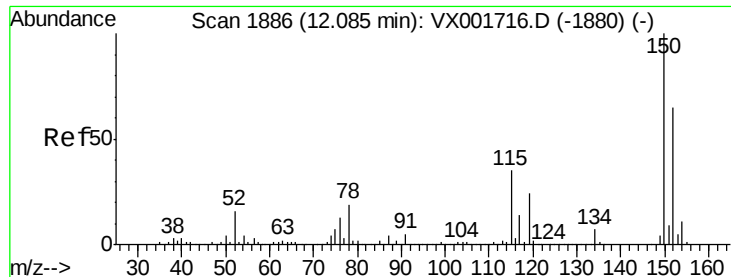
Tot Ion:106 Resp: 1310
Ion Ratio Lower Upper
106 100
91 181.8 155.4 233.2



#71
Bromoform
Concen: 2.97 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

Tgt Ion:173 Resp: 102
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

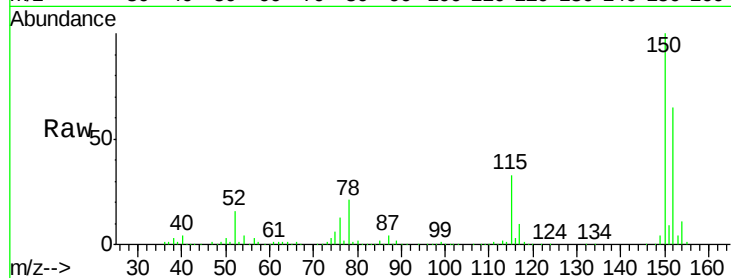
Tot Ion:152 Resp: 141259

Ion Ratio Lower Upper

152 100

115 52.3 37.4 112.2

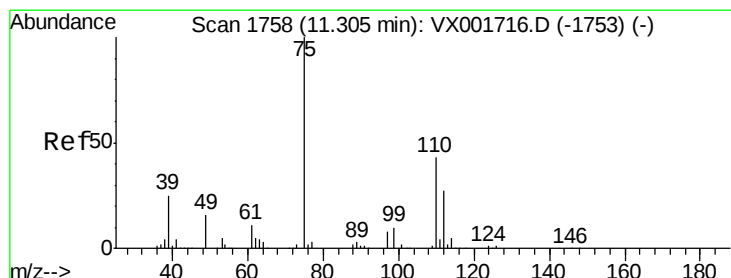
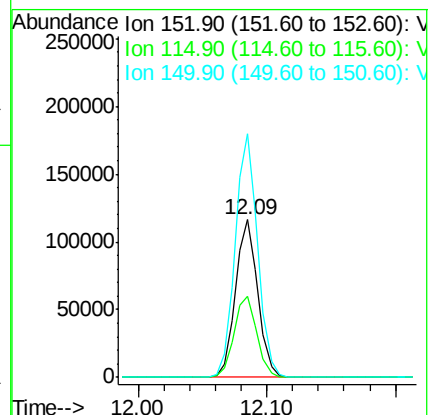
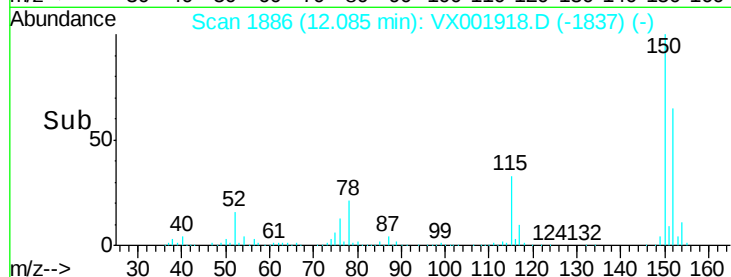
150 155.1 0.0 344.8



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: 23.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001918.D

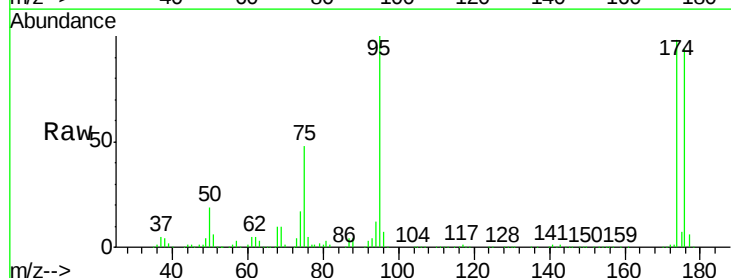
Acq: 23 May 2018 02:45

Tgt Ion: 75 Resp: 63924

Ion Ratio Lower Upper

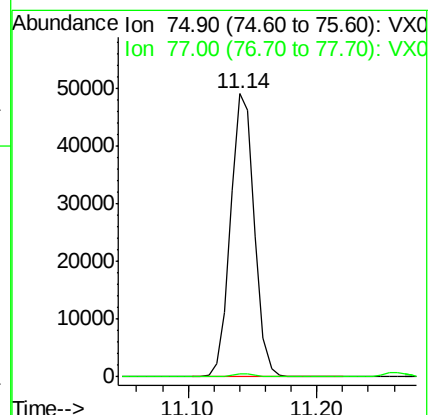
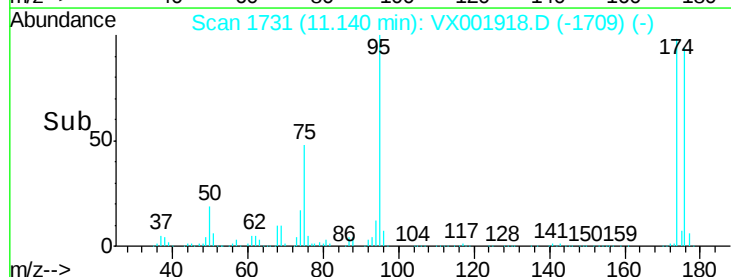
75 100

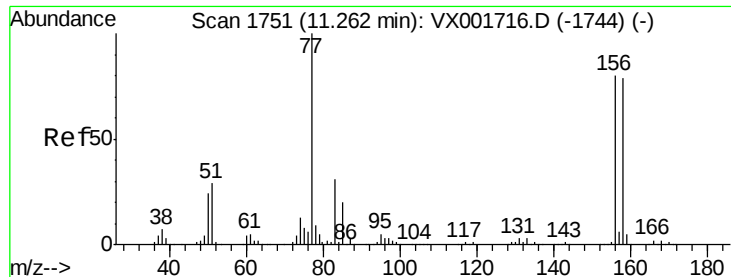
77 1.2 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.25 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

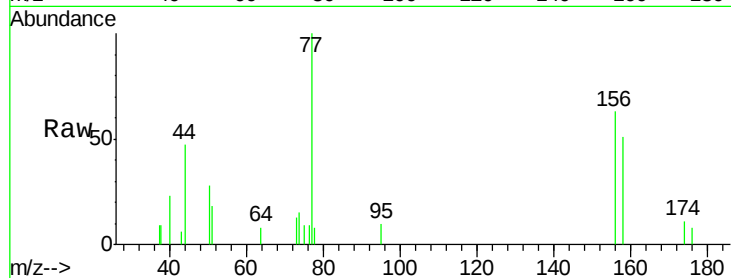
Tot Ion:156 Resp: 686

Ion Ratio Lower Upper

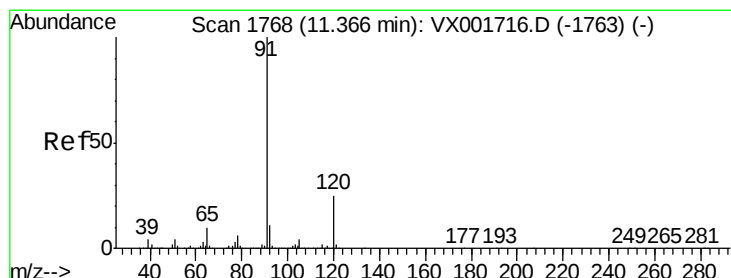
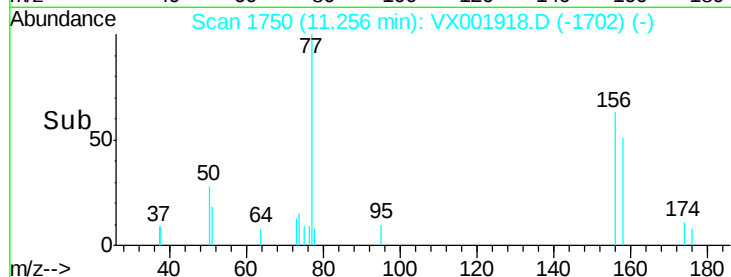
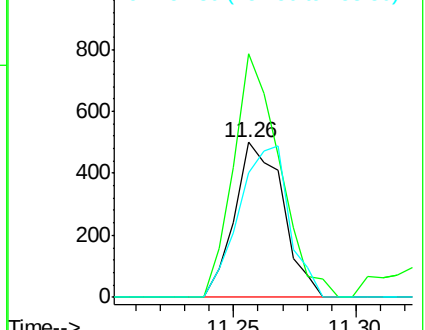
156 100

77 151.5 65.3 196.0

158 101.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.26 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001918.D

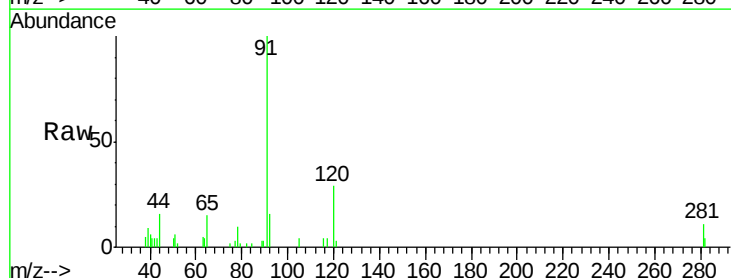
Acq: 23 May 2018 02:45

Tgt Ion: 91 Resp: 2766

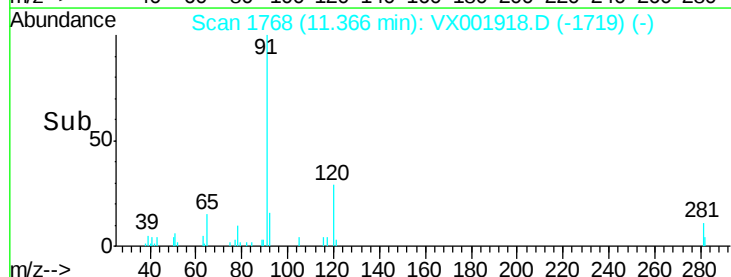
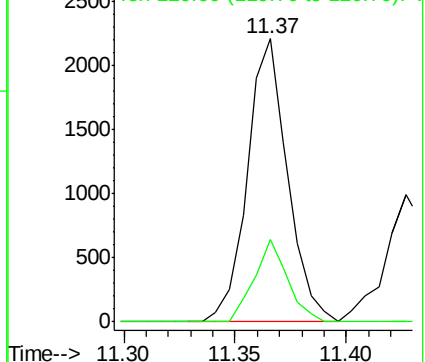
Ion Ratio Lower Upper

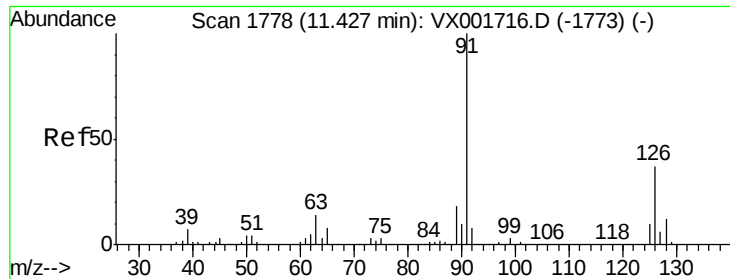
91 100

120 24.1 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

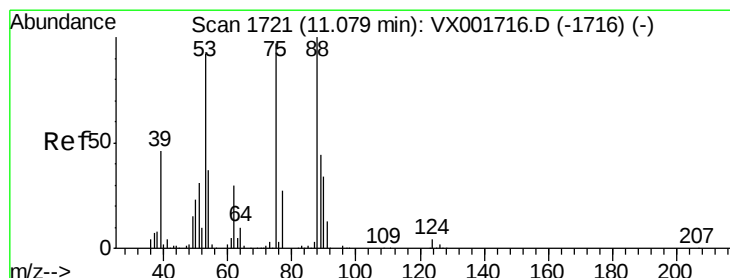
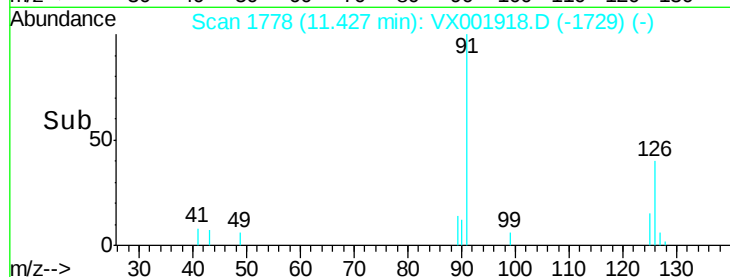
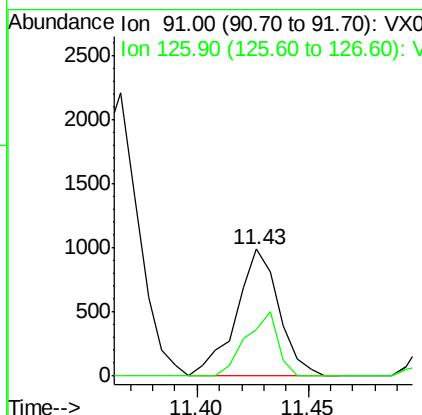
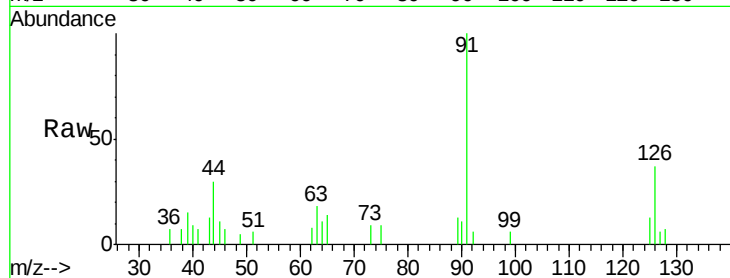




#79
2-Chlorotoluene
Concen: 0.21 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

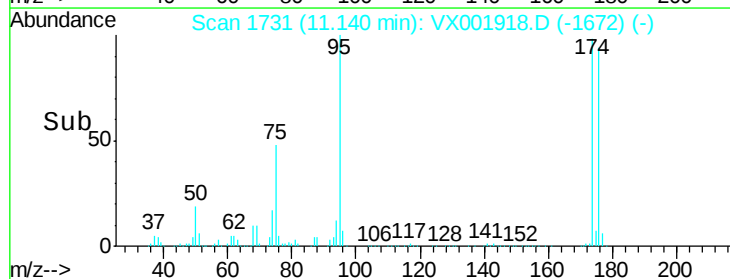
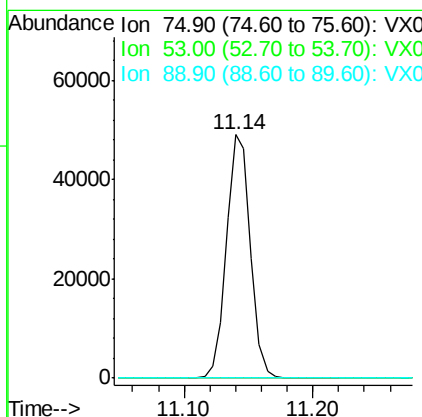
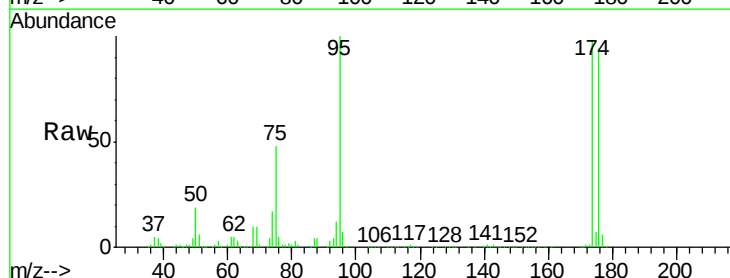
Instrument :
MSVOA_X
ClientSampleId :

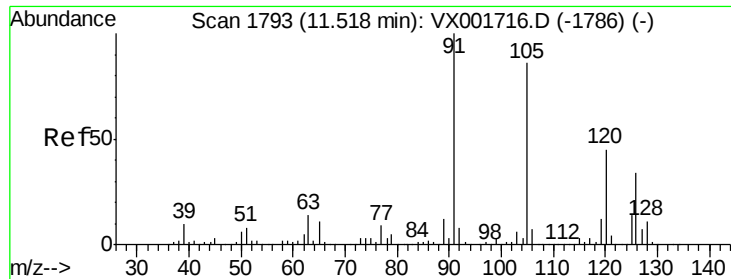
Tot Ion: 91 Resp: 1333
Ion Ratio Lower Upper
91 100
126 37.8 18.4 55.4



#81
trans-1,4-Dichloro-2-butene
Concen: 69.54 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

Tgt Ion: 75 Resp: 63924
Ion Ratio Lower Upper
75 100
53 0.1 79.4 119.2#
89 0.1 38.8 58.2#

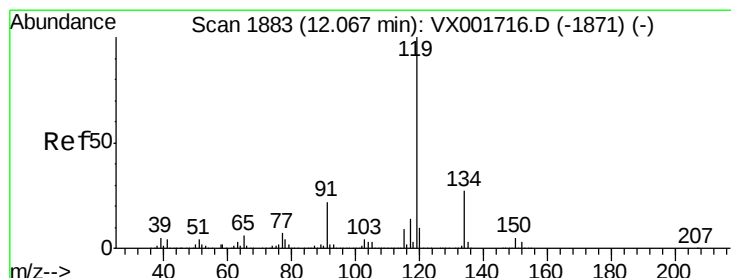
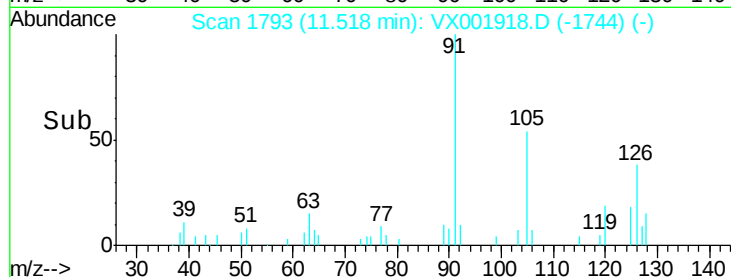
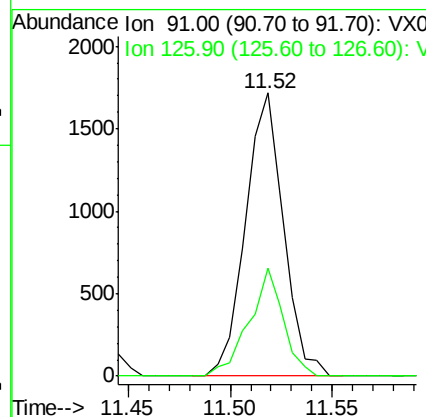
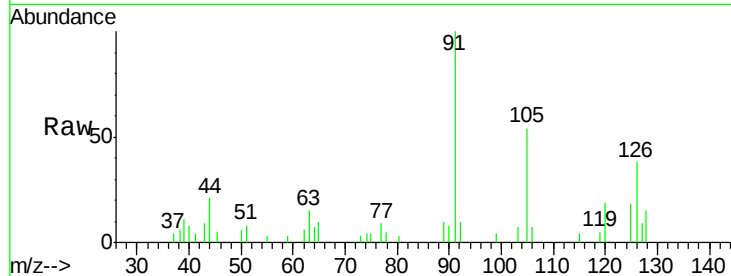




#82
4-Chlorotoluene
Concen: 0.30 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

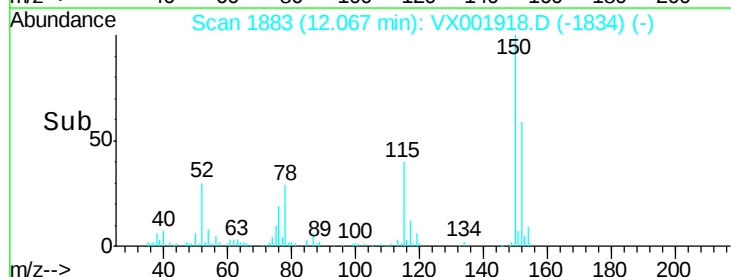
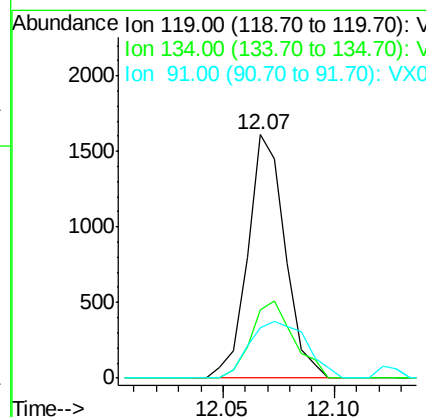
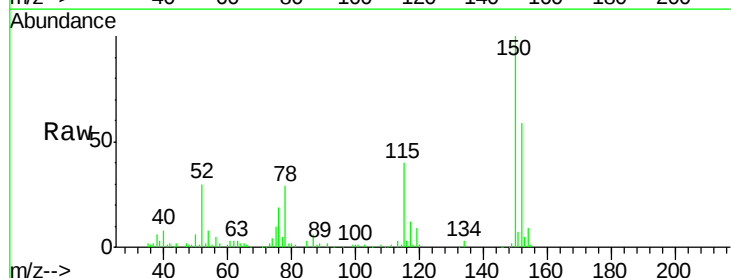
Instrument :
MSVOA_X
ClientSampleId :

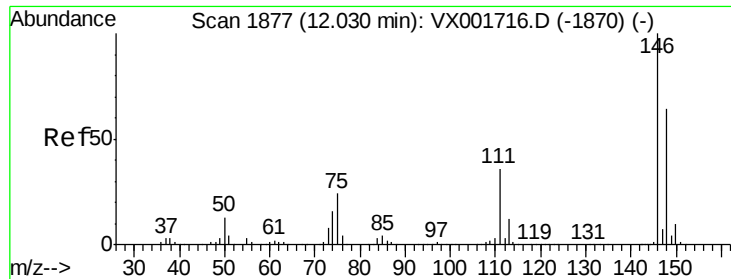
Tot Ion: 91 Resp: 2213
Ion Ratio Lower Upper
91 100
126 34.7 16.4 49.1



#86
p-Isopropyltoluene
Concen: 0.22 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

Tgt Ion: 119 Resp: 1882
Ion Ratio Lower Upper
119 100
134 35.8 13.6 40.8
91 35.7 10.7 32.1#





#87

1,3-Dichlorobenzene

Concen: 0.39 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

ClientSampled :

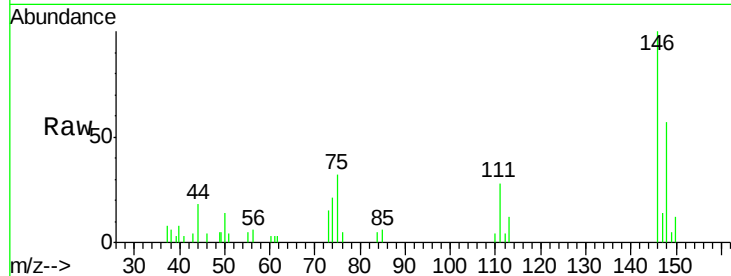
Tot Ion:146 Resp: 1958

Ion Ratio Lower Upper

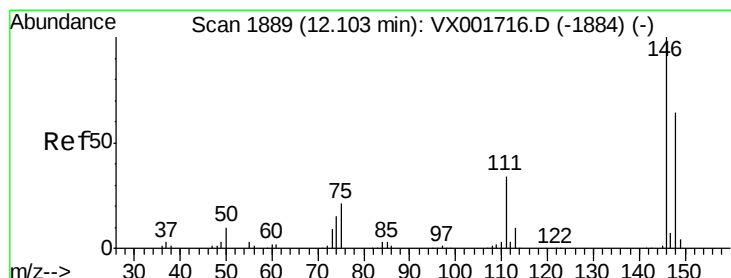
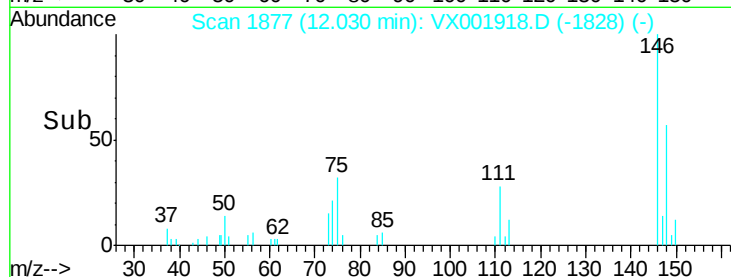
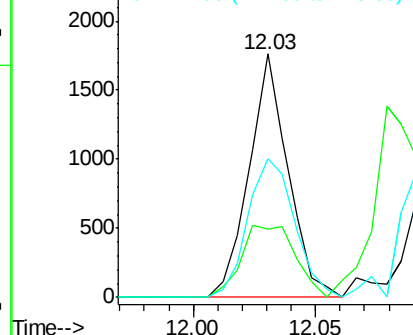
146 100

111 40.9 17.8 53.4

148 68.2 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: 0.37 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

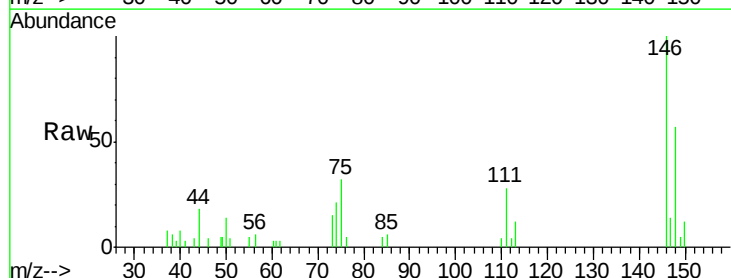
Tgt Ion:146 Resp: 1958

Ion Ratio Lower Upper

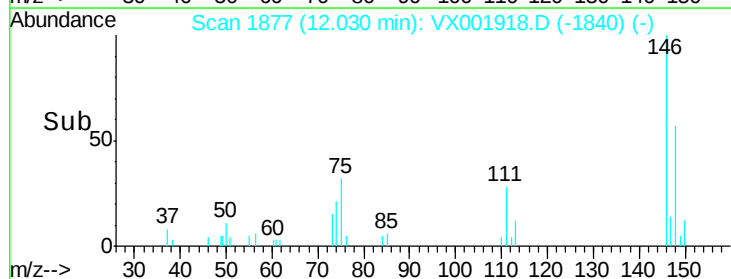
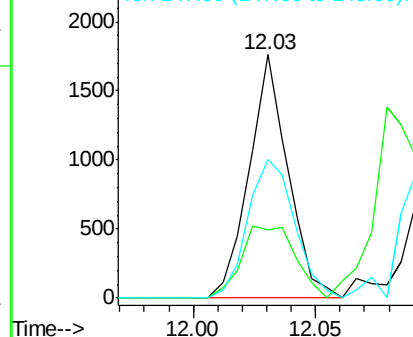
146 100

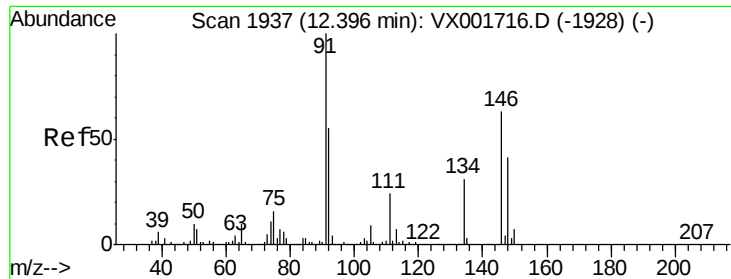
111 40.9 17.3 52.0

148 68.2 32.3 96.9



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: 0.38 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

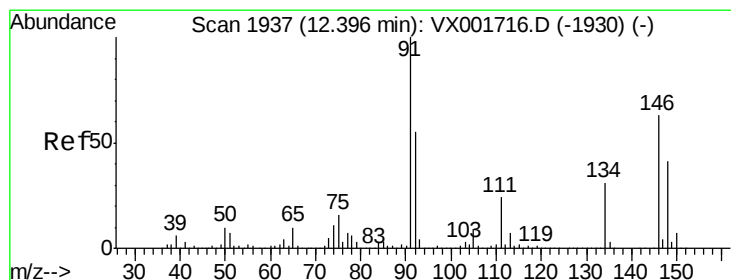
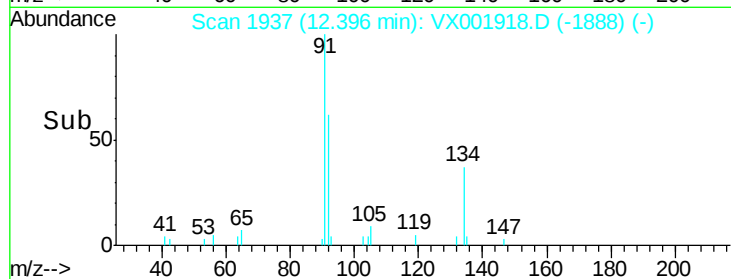
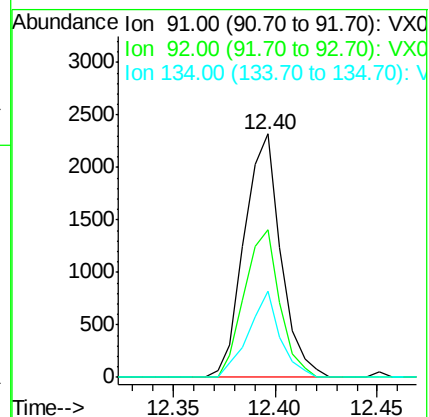
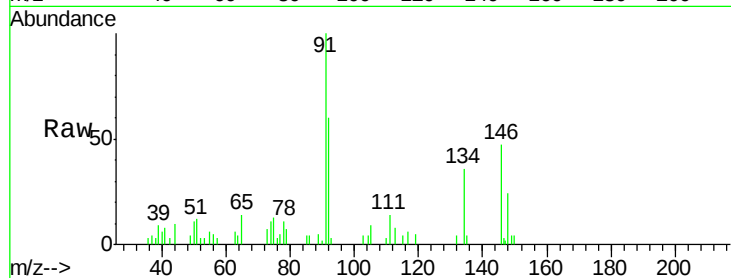
Tot Ion: 91 Resp: 2886

Ion Ratio Lower Upper

91 100

92 58.7 27.3 81.9

134 30.5 14.7 44.1



#91

1,2-Dichlorobenzene

Concen: 0.28 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001918.D

Acq: 23 May 2018 02:45

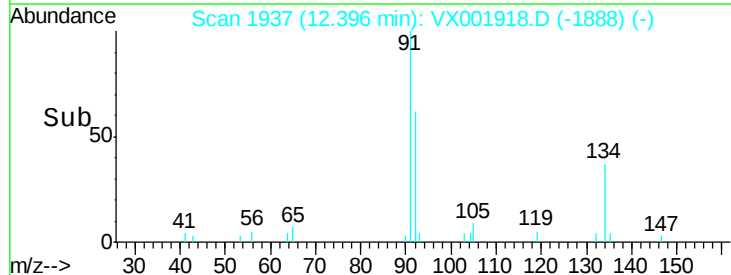
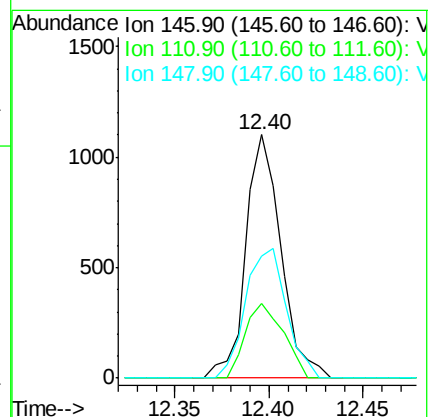
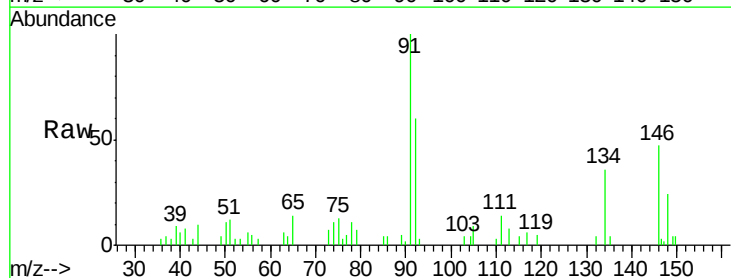
Tgt Ion: 146 Resp: 1425

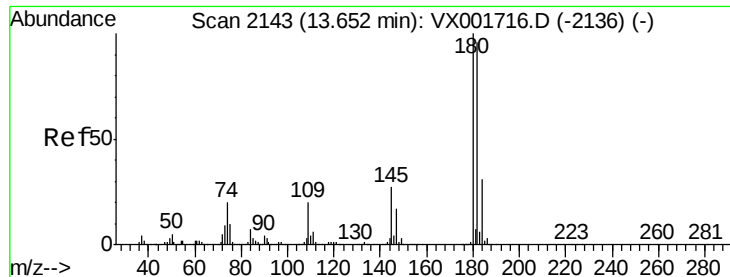
Ion Ratio Lower Upper

146 100

111 33.1 18.6 56.0

148 62.0 32.4 97.0

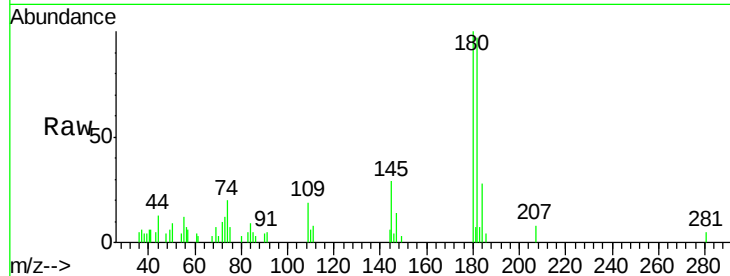




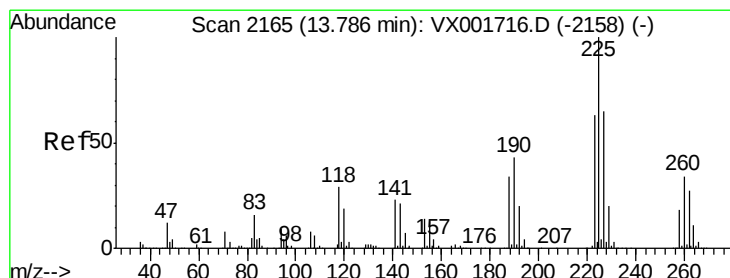
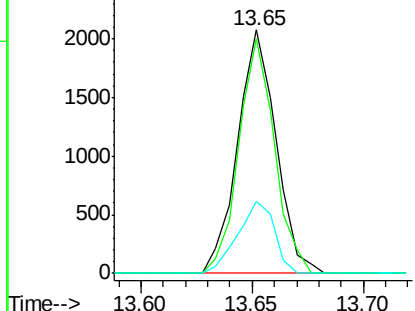
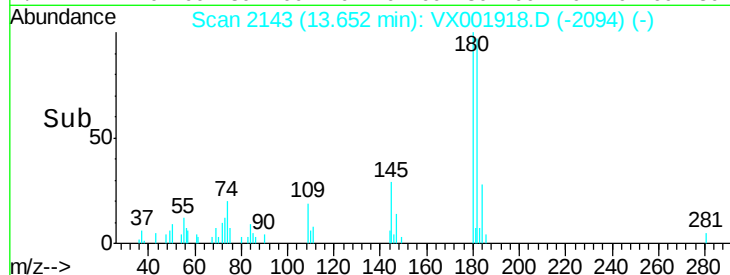
#93
 1,2,4-Trichlorobenzene
 Concen: 0.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001918.D
 Acq: 23 May 2018 02:45

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 2498
 Ion Ratio Lower Upper
 180 100
 182 89.4 47.6 142.9
 145 28.1 13.4 40.1

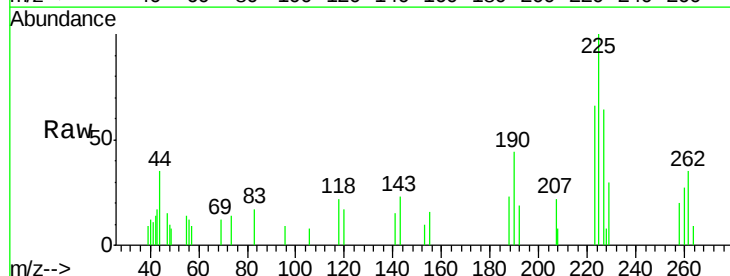


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

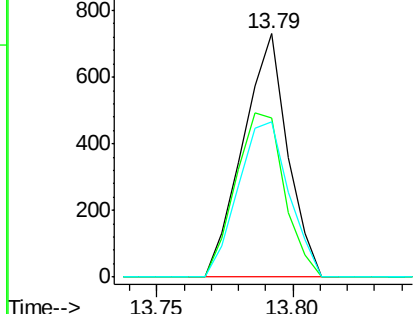
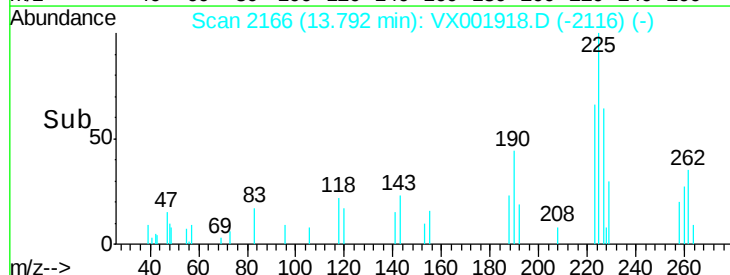


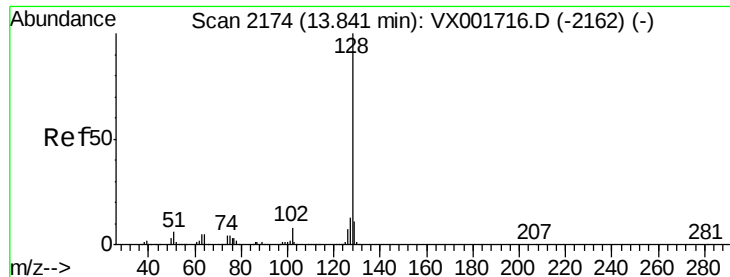
#94
 Hexachlorobutadiene
 Concen: 0.39 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001918.D
 Acq: 23 May 2018 02:45

Tgt Ion:225 Resp: 830
 Ion Ratio Lower Upper
 225 100
 223 73.7 31.1 93.5
 227 72.5 31.9 95.5



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

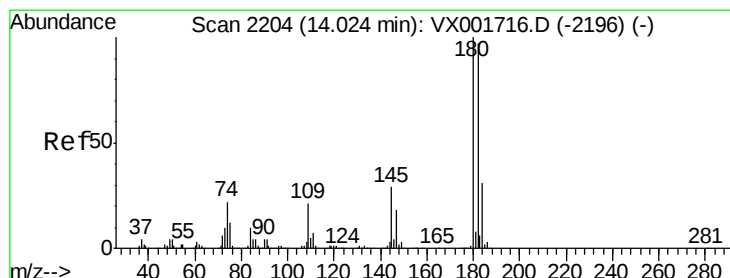
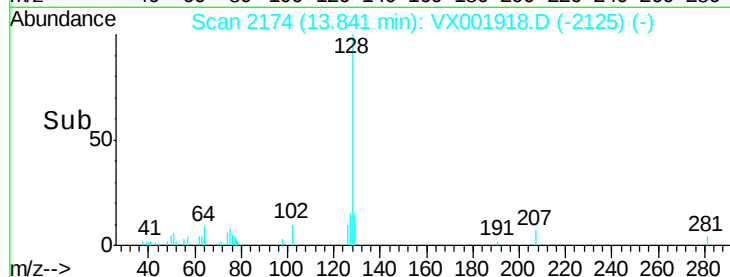
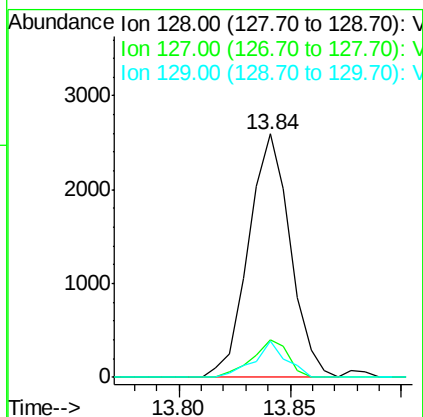
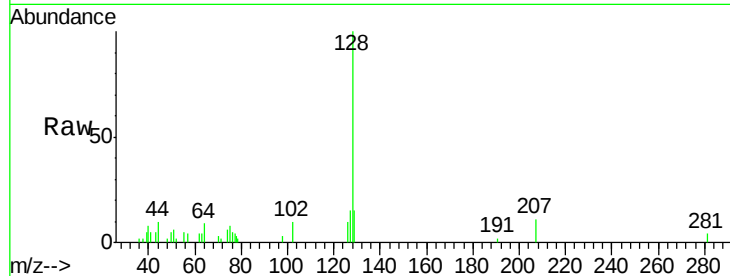




#95
Naphthalene
Concen: 0.32 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 3387
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.47 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001918.D
Acq: 23 May 2018 02:45

Tgt Ion:180 Resp: 1917
Ion Ratio Lower Upper
180 100
182 97.0 47.9 143.7
145 28.7 14.2 42.8

