

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
 Data File : VX007857.D
 Acq On : 06 Mar 2019 12:20
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 07 07:05:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	452476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	394075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161460	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	5.51	113	138775	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
50) Toluene-d8	8.71	98	517458	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	176170	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	905	0.347 ug/l	98
3) Chloromethane	1.33	50	1208	0.359 ug/l	99
4) Vinyl Chloride	1.41	62	721	0.216 ug/l	94
5) Bromomethane	1.65	94	1824	0.898 ug/l	93
6) Chloroethane	1.64	64	968	0.436 ug/l #	48
7) Trichlorofluoromethane	1.93	101	1070	0.246 ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.40	101	919	0.341 ug/l	96
10) Methyl Iodide	2.52	142	1036	0.271 ug/l #	88
11) Tert butyl alcohol	3.01	59	1501	2.084 ug/l #	73
12) 1,1-Dichloroethene	2.38	96	777	0.299 ug/l #	79
13) Acrolein	2.29	56	567	1.304 ug/l #	44
14) Allyl chloride	2.73	41	1131	0.207 ug/l #	81
15) Acrylonitrile	3.15	53	2428	1.335 ug/l	97
16) Acetone	2.45	43	1098	0.589 ug/l	93
17) Carbon Disulfide	2.57	76	10492	1.203 ug/l	99
18) Methyl Acetate	2.78	43	992	0.250 ug/l	98
20) Methylene Chloride	2.87	84	887	0.299 ug/l	86
21) trans-1,2-Dichloroethene	3.17	96	1630	0.570 ug/l #	81
23) Vinyl Acetate	3.83	43	3841	0.438 ug/l #	87
25) 2-Butanone	4.70	43	1559	0.591 ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	918	0.281 ug/l	45
29) Tetrahydrofuran	5.17	42	1232	0.748 ug/l	91
31) Cyclohexane	5.57	56	1043	0.211 ug/l #	85
36) 1,1-Dichloropropene	5.81	75	1511	0.369 ug/l	99
38) Carbon Tetrachloride	5.67	117	26356	6.776 ug/l #	17
39) Methylcyclohexane	7.46	83	997	0.201 ug/l #	82
44) Trichloroethene	7.21	130	1217	0.362 ug/l	98
46) Dibromomethane	7.66	93	475	0.233 ug/l	85
49) 1,4-Dioxane	7.76	88	350	4.504 ug/l #	90
51) 4-Methyl-2-Pentanone	8.65	43	1384	0.299 ug/l	93
53) t-1,3-Dichloropropene	9.05	75	887	0.220 ug/l	92
58) 2-Chloroethyl Vinyl ether	8.32	63	820	0.350 ug/l	91
59) 2-Hexanone	9.50	43	1369	0.381 ug/l	93
64) Tetrachloroethene	9.34	164	1328	0.407 ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
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 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

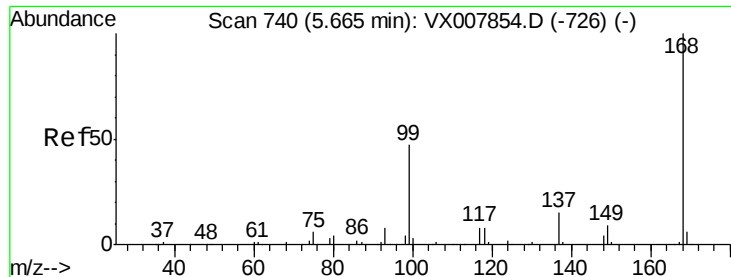
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 07 07:05:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

65) Chlorobenzene	10.14	112	2106	0.255	ug/l	97
67) Ethyl Benzene	10.25	91	2853	0.210	ug/l	100
68) m/p-Xylenes	10.36	106	2335	0.446	ug/l	97
70) Styrene	10.71	104	1736	0.210	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	81152	20.972	ug/l #	39
77) Bromobenzene	11.26	156	944	0.278	ug/l	83
78) n-propylbenzene	11.36	91	3943	0.287	ug/l	98
79) 2-Chlorotoluene	11.42	91	2428	0.289	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	2095	0.206	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	81152	67.594	ug/l #	11
82) 4-Chlorotoluene	11.51	91	3637	0.378	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	2597	0.249	ug/l	95
85) sec-Butylbenzene	11.94	105	2642	0.219	ug/l	93
86) p-Isopropyltoluene	12.06	119	2587	0.239	ug/l #	79
87) 1,3-Dichlorobenzene	12.02	146	2752	0.459	ug/l	100
88) 1,4-Dichlorobenzene	12.02	146	2752	0.448	ug/l	98
89) n-Butylbenzene	12.39	91	3185	0.348	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	2161	0.363	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	3096	0.739	ug/l	99
94) Hexachlorobutadiene	13.79	225	871	0.398	ug/l	99
95) Naphthalene	13.83	128	9085	0.753	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	2988	0.716	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

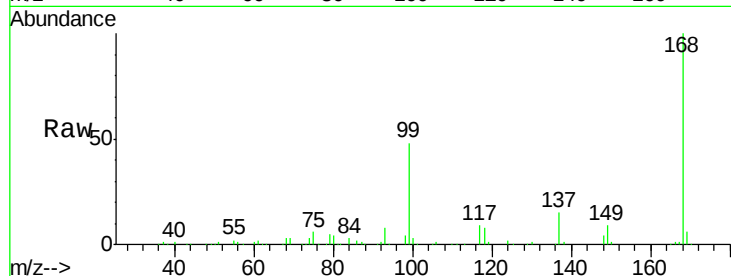
IBLK

Tgt Ion:168 Resp: 305342

Ion Ratio Lower Upper

168 100

99 48.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

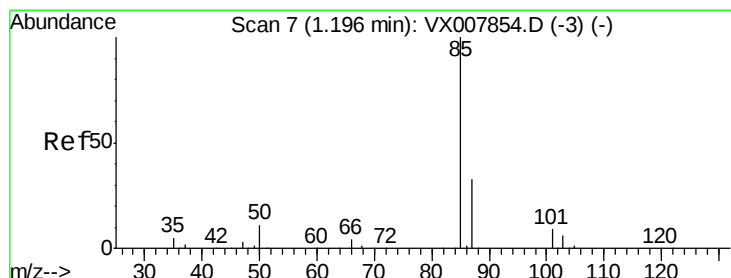
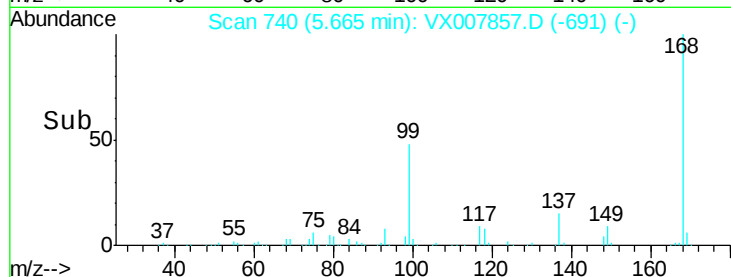
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.347 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007857.D

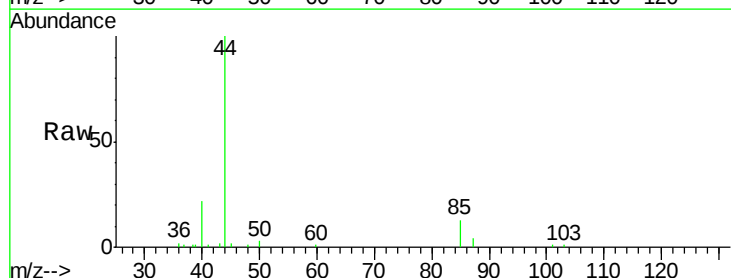
Acq: 06 Mar 2019 12:20

Tgt Ion: 85 Resp: 905

Ion Ratio Lower Upper

85 100

87 33.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

800

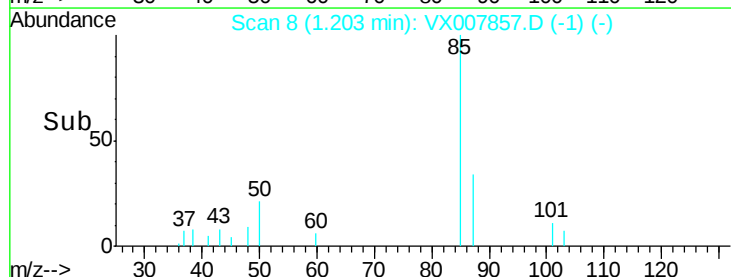
600

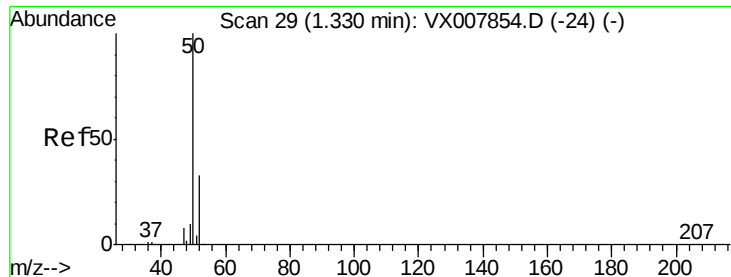
400

200

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 0.359 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

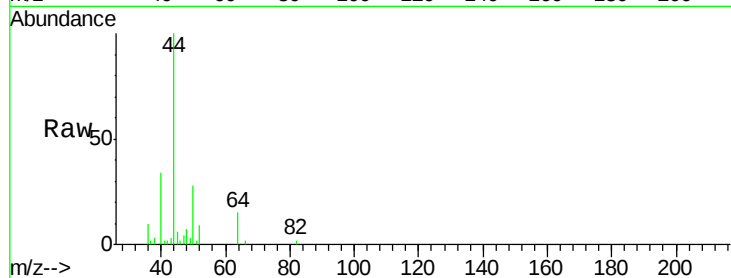
IBLK

Tgt Ion: 50 Resp: 1208

Ion Ratio Lower Upper

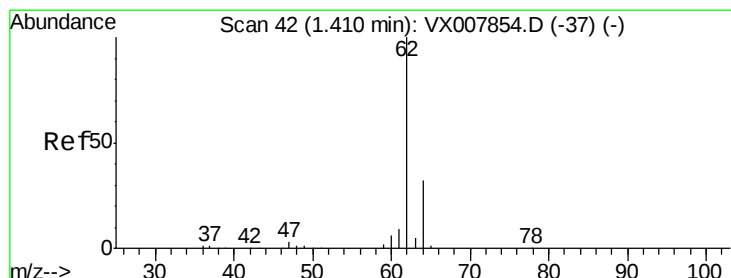
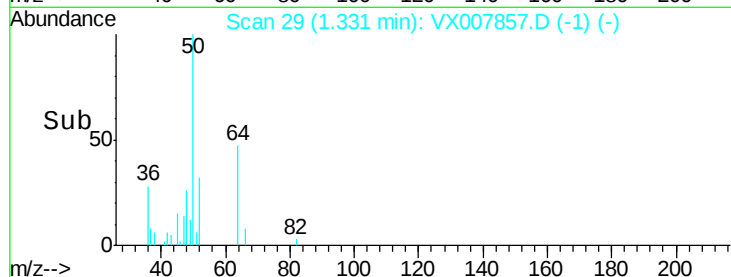
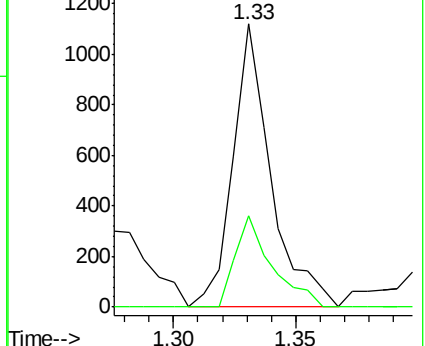
50 100

52 32.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.216 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007857.D

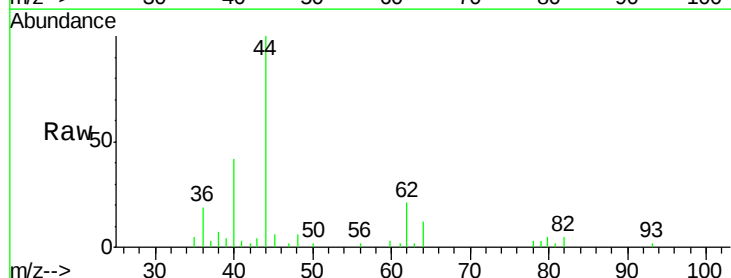
Acq: 06 Mar 2019 12:20

Tgt Ion: 62 Resp: 721

Ion Ratio Lower Upper

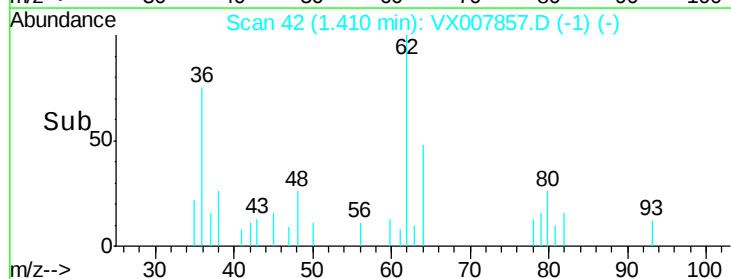
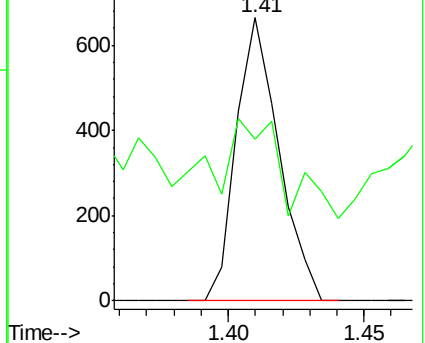
62 100

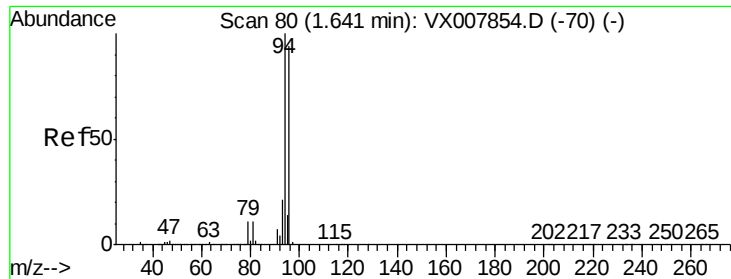
64 28.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.898 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

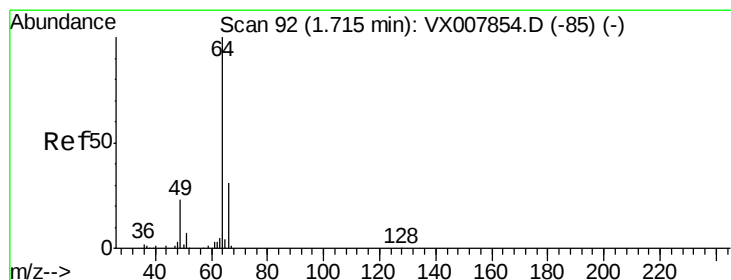
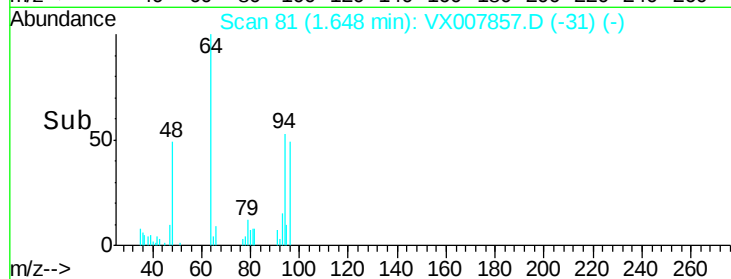
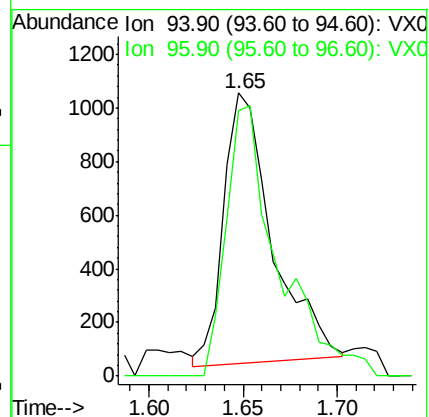
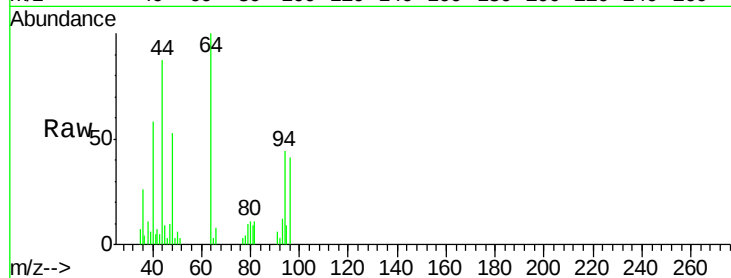
IBLK

Tgt Ion: 94 Resp: 1824

Ion Ratio Lower Upper

94 100

96 100.7 75.5 113.3



#6

Chloroethane

Concen: 0.436 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.08 min

Lab File: VX007857.D

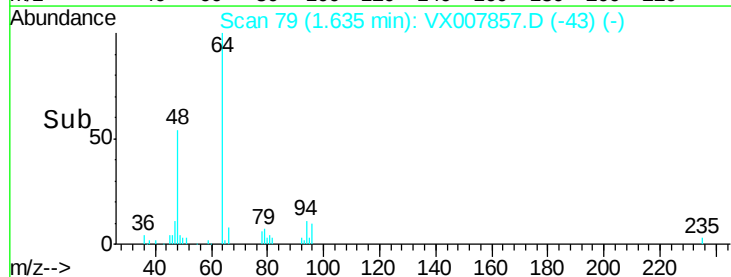
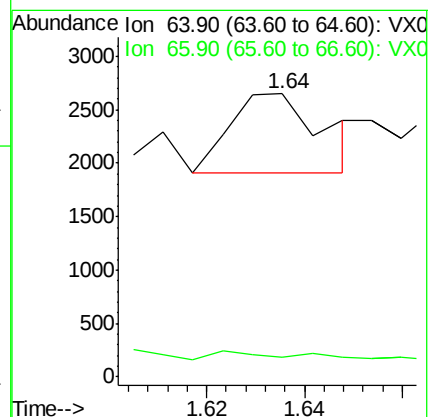
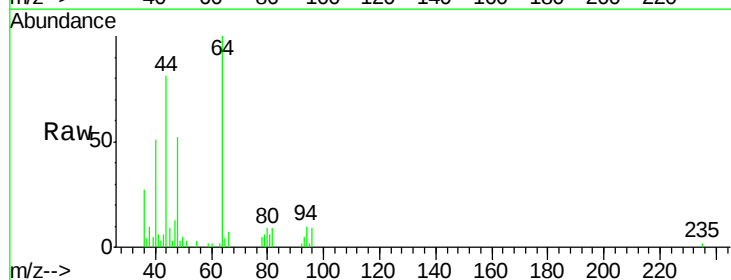
Acq: 06 Mar 2019 12:20

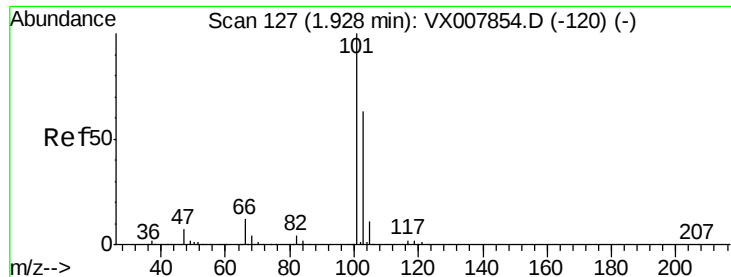
Tgt Ion: 64 Resp: 968

Ion Ratio Lower Upper

64 100

66 3.0 25.2 37.8#





#7

Trichlorofluoromethane

Concen: 0.246 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

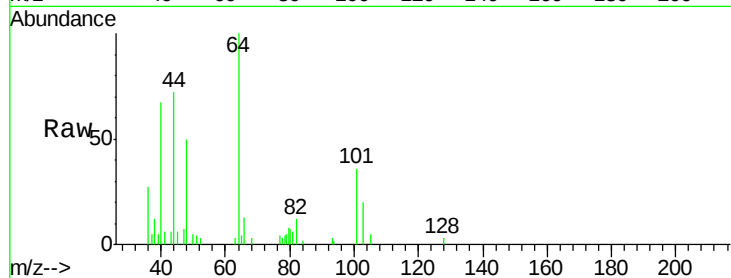
IBLK

Tgt Ion:101 Resp: 1070

Ion Ratio Lower Upper

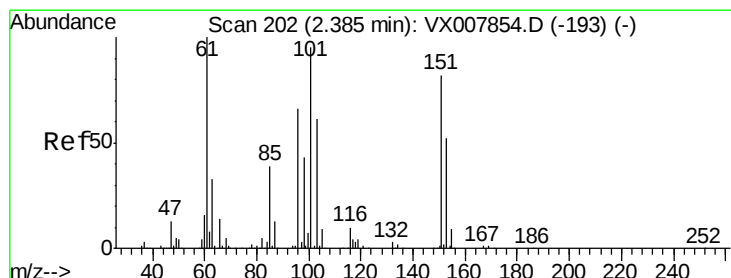
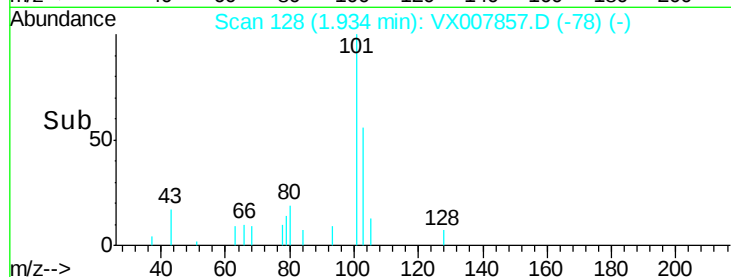
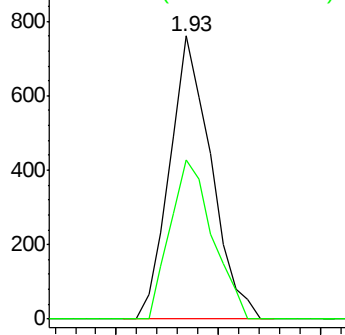
101 100

103 56.2 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.341 ug/l

RT: 2.40 min Scan# 204

Delta R.T. 0.01 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

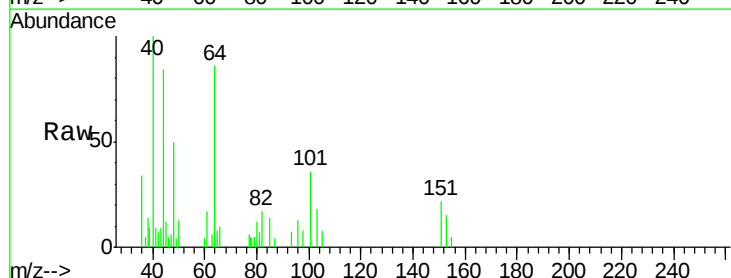
Tgt Ion:101 Resp: 919

Ion Ratio Lower Upper

101 100

85 46.9 33.8 50.6

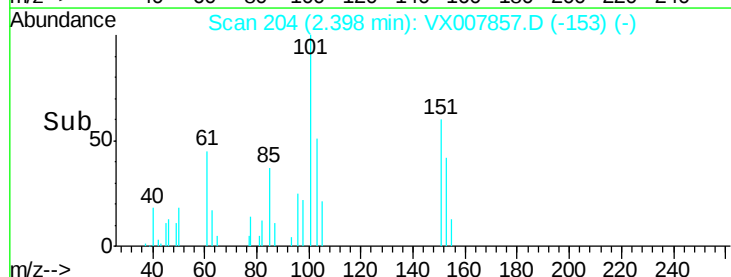
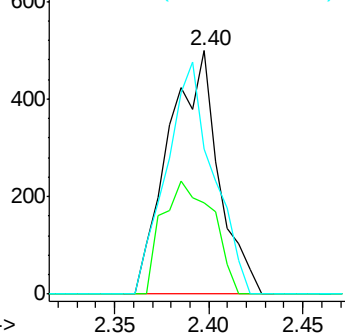
151 89.0 69.1 103.7

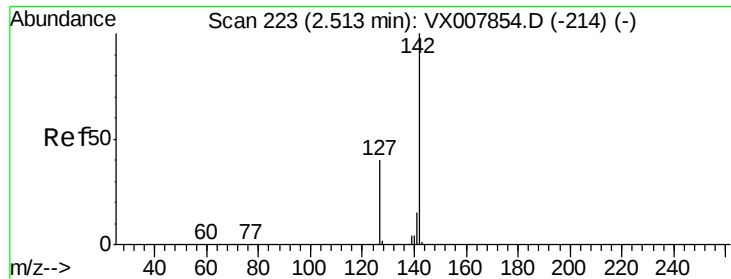


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

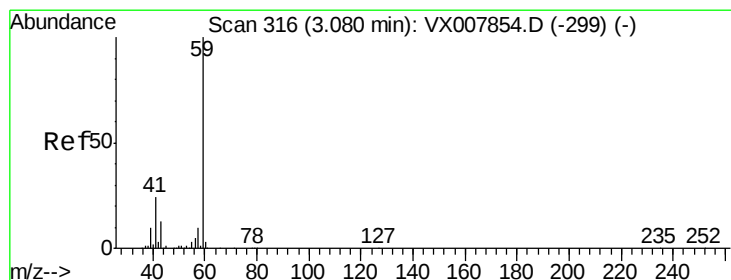
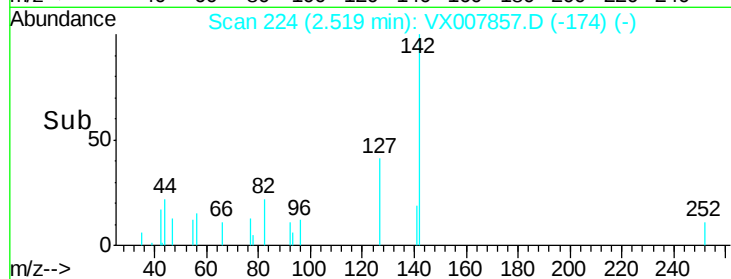
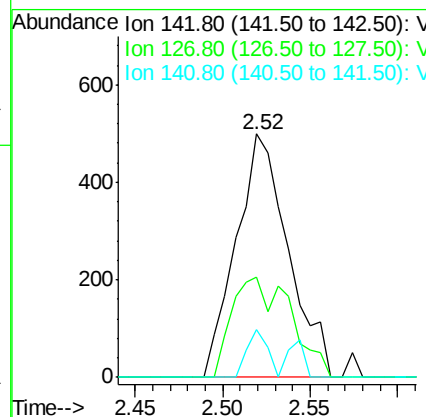
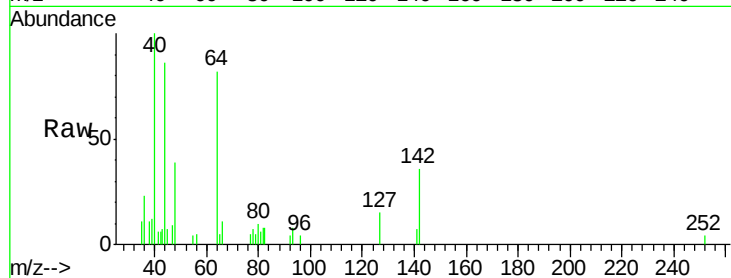




#10
Methyl Iodide
Concen: 0.271 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

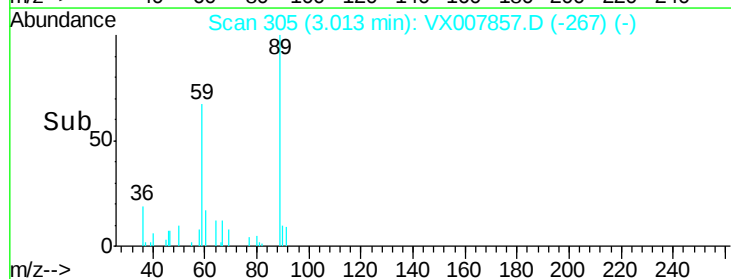
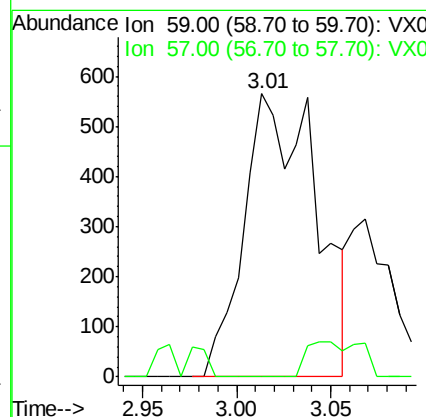
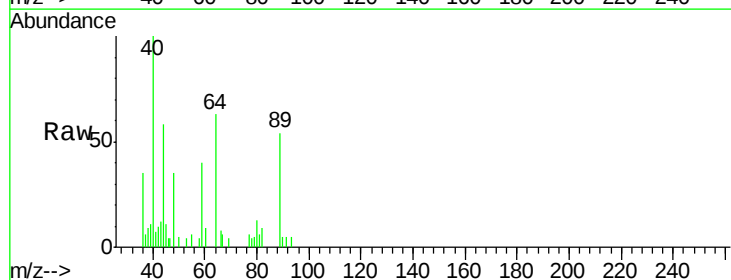
Instrument :
MSVOA_X
ClientSampled :
IBLK

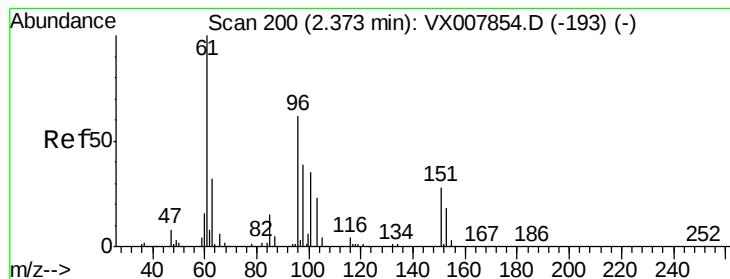
Tgt Ion:142 Resp: 1036
Ion Ratio Lower Upper
142 100
127 46.4 32.1 48.1
141 7.5 11.4 17.2#



#11
Tert butyl alcohol
Concen: 2.084 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.07 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

Tgt Ion: 59 Resp: 1501
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#12

1,1-Dichloroethene

Concen: 0.299 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

IBLK

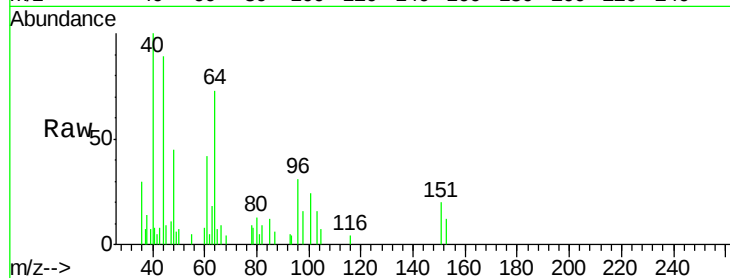
Tgt Ion: 96 Resp: 777

Ion Ratio Lower Upper

96 100

61 132.7 129.8 194.6

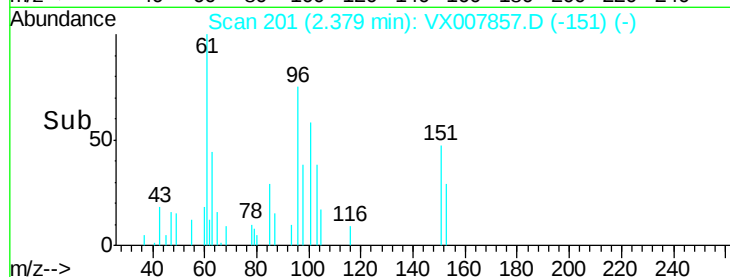
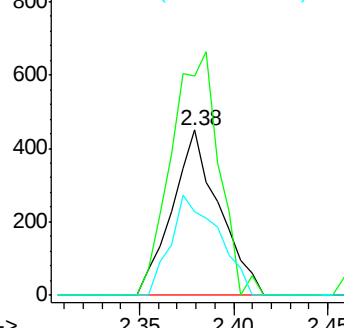
98 50.6 51.0 76.6#



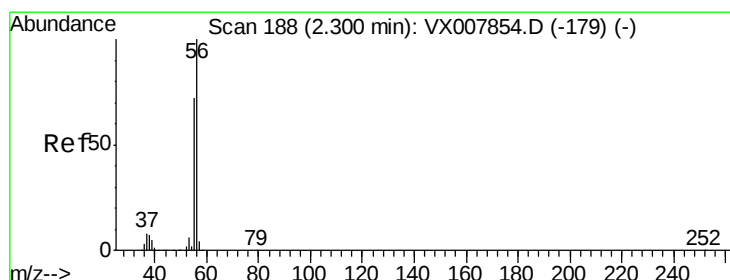
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->



#13

Acrolein

Concen: 1.304 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007857.D

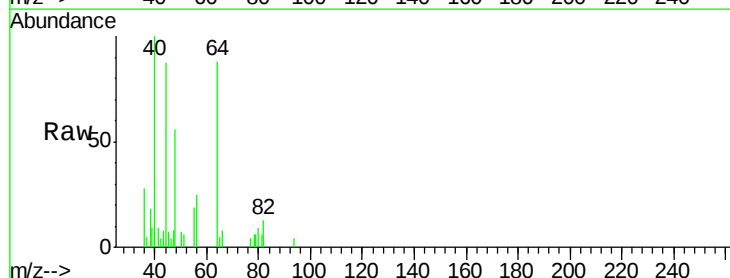
Acq: 06 Mar 2019 12:20

Tgt Ion: 56 Resp: 567

Ion Ratio Lower Upper

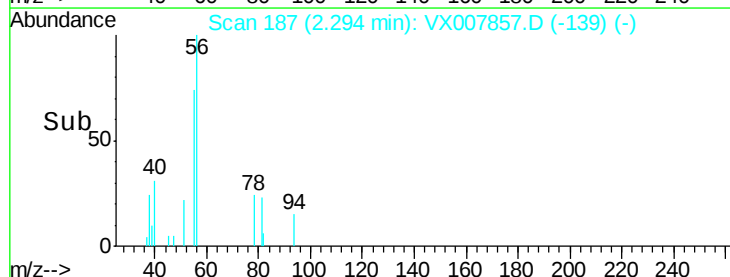
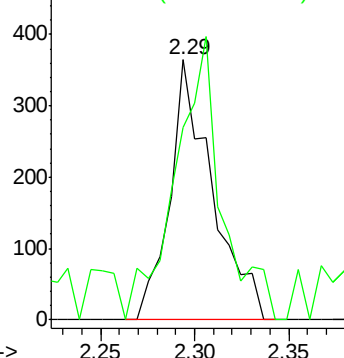
56 100

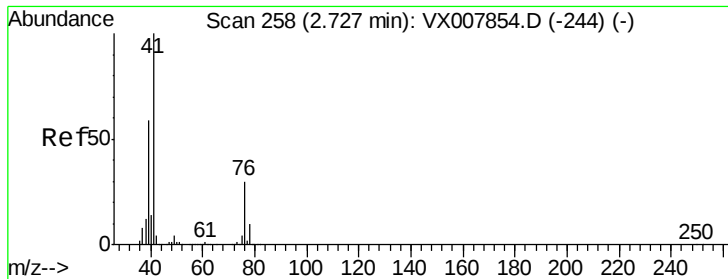
55 118.9 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#14

Allyl chloride

Concen: 0.207 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

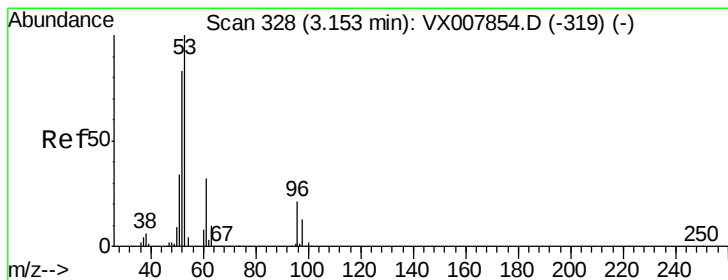
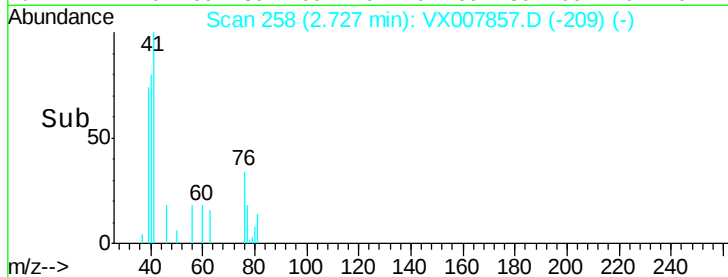
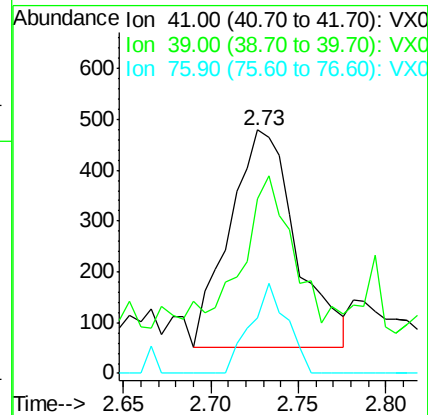
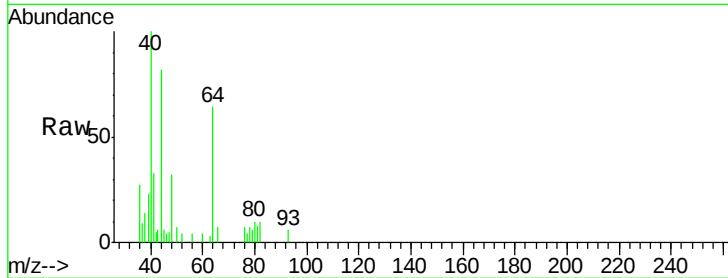
Instrument :

MSVOA_X

ClientSampled :

IBLK

Tgt Ion:	41	Resp:	1131
Ion	Ratio	Lower	Upper
41	100		
39	57.1	46.1	69.1
76	0.0	24.0	36.0#



#15

Acrylonitrile

Concen: 1.335 ug/l

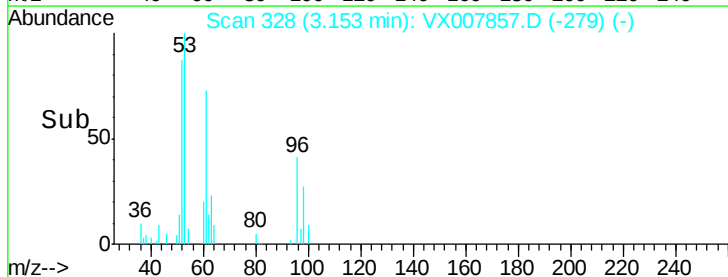
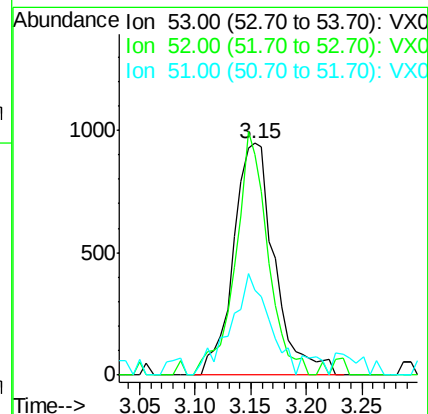
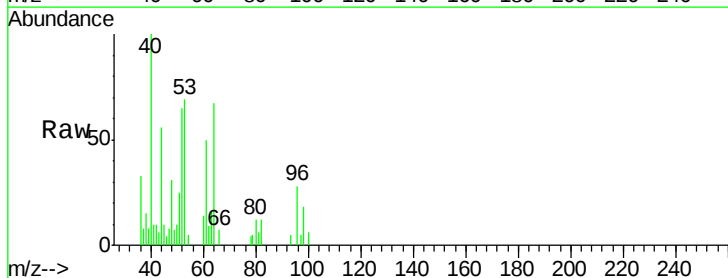
RT: 3.15 min Scan# 328

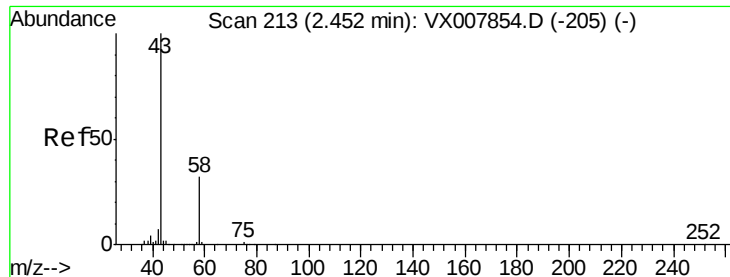
Delta R.T. 0.00 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Tgt Ion:	53	Resp:	2428
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.0	99.0
51	40.7	28.0	42.0





#16

Acetone

Concen: 0.589 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

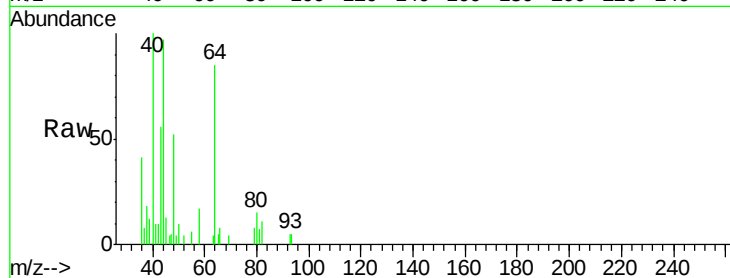
IBLK

Tgt Ion: 43 Resp: 1098

Ion Ratio Lower Upper

43 100

58 35.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

600

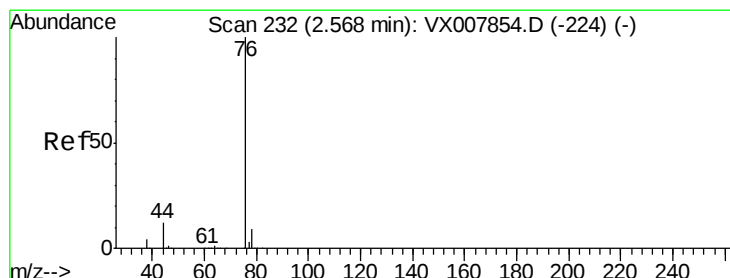
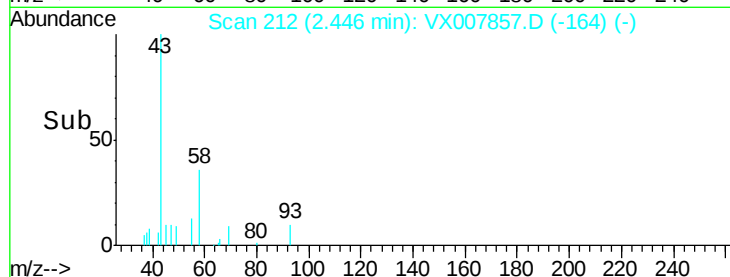
400

200

0

Time-->

2.40 2.45 2.50



#17

Carbon Disulfide

Concen: 1.203 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007857.D

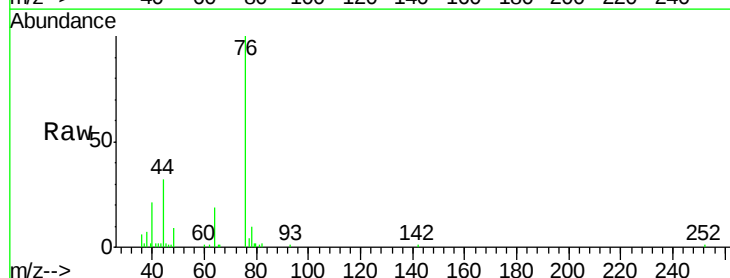
Acq: 06 Mar 2019 12:20

Tgt Ion: 76 Resp: 10492

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

6000

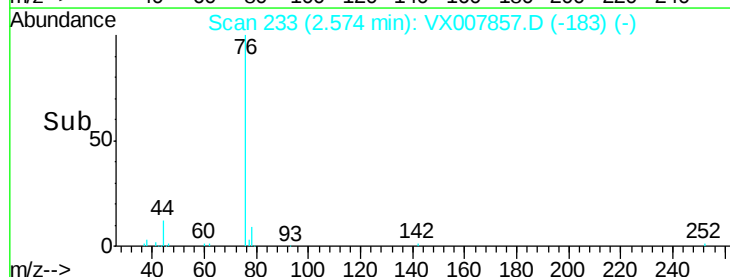
4000

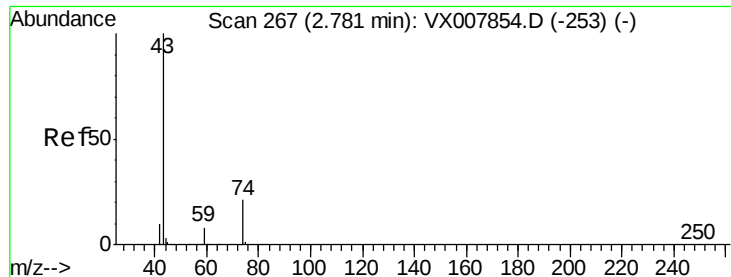
2000

0

Time-->

2.50 2.55 2.60 2.65

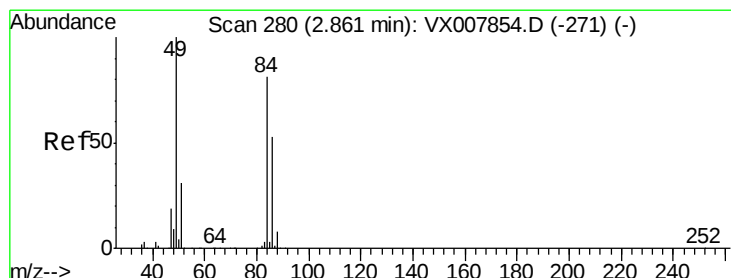
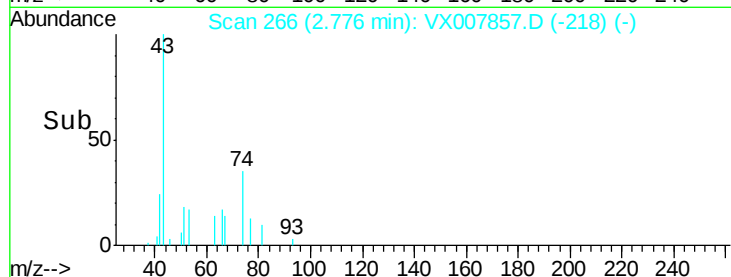
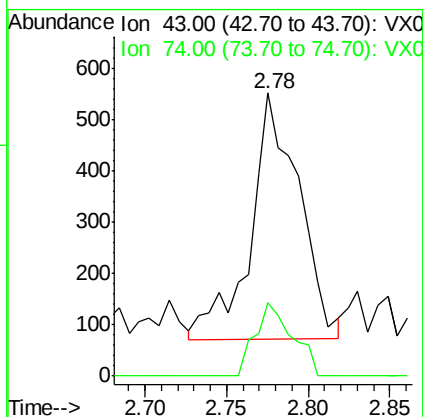
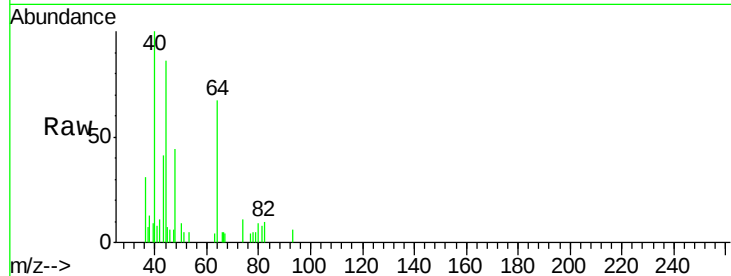




#18
Methyl Acetate
Concen: 0.250 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

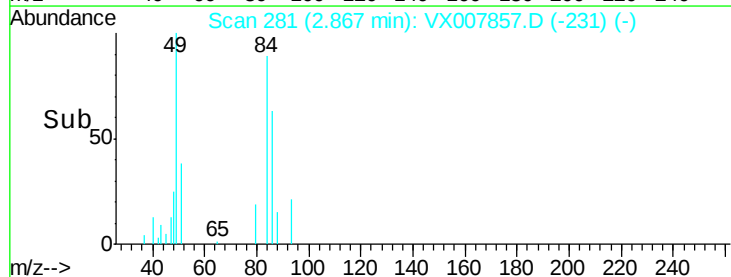
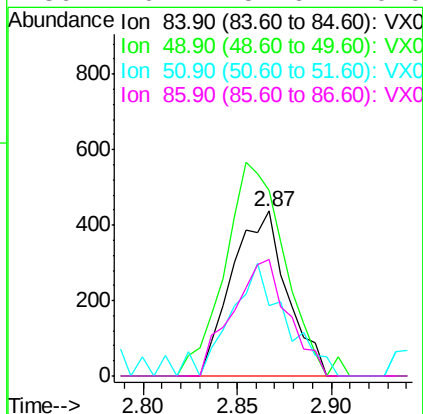
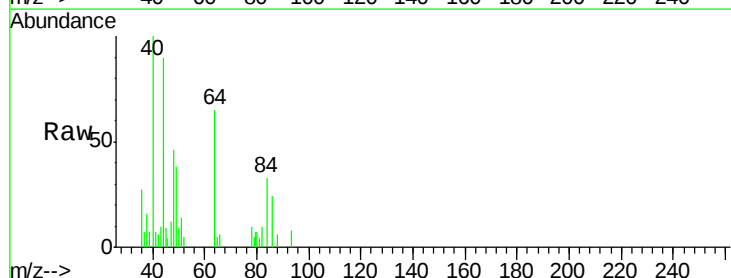
Instrument :
MSVOA_X
ClientSampled :
IBLK

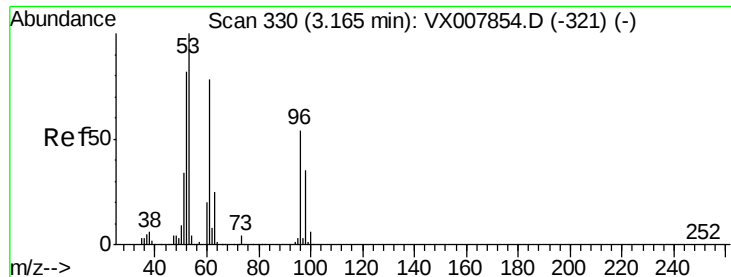
Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.6



#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

Tgt Ion: 84 Resp: 887
Ion Ratio Lower Upper
84 100
49 101.1 99.3 148.9
51 42.8 31.3 46.9
86 70.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 0.570 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

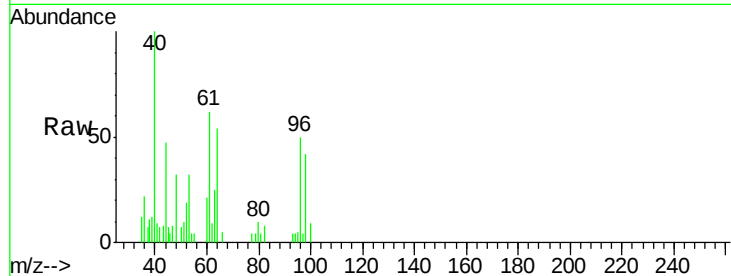
Tgt Ion: 96 Resp: 1630

Ion Ratio Lower Upper

96 100

61 123.7 114.4 171.6

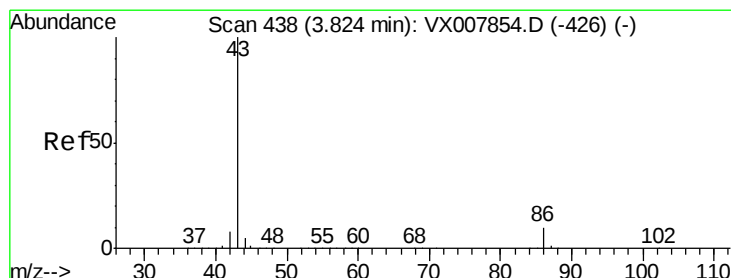
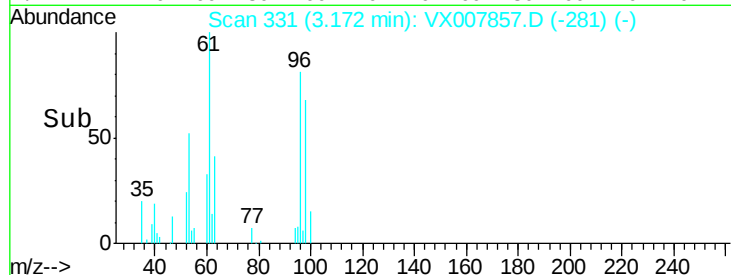
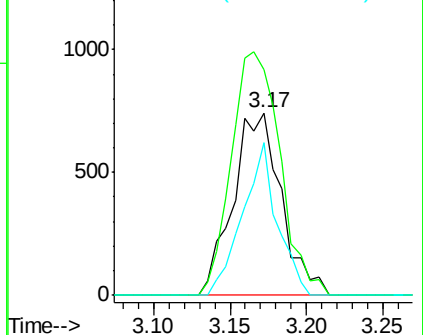
98 83.6 51.1 76.7#



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



#23

Vinyl Acetate

Concen: 0.438 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX007857.D

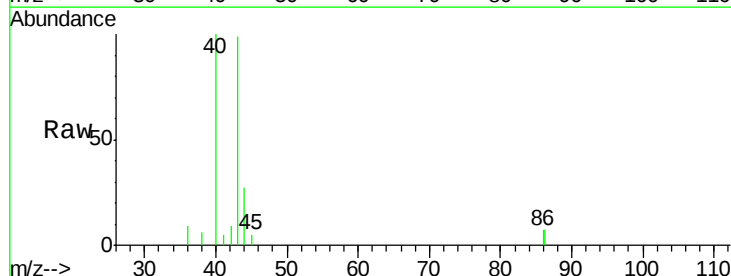
Acq: 06 Mar 2019 12:20

Tgt Ion: 43 Resp: 3841

Ion Ratio Lower Upper

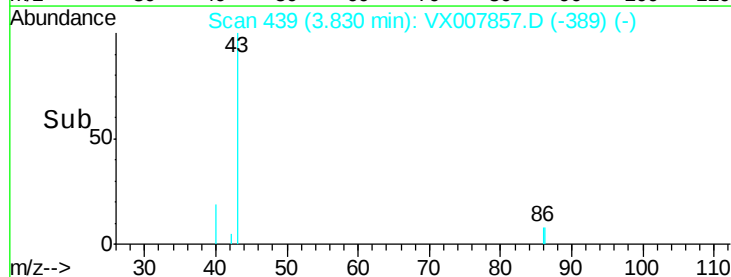
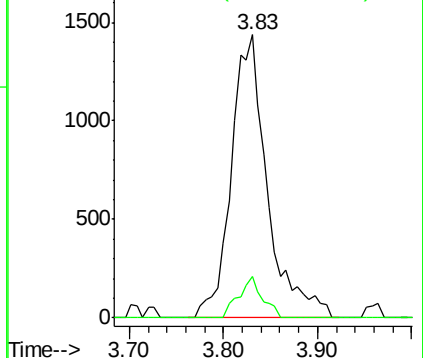
43 100

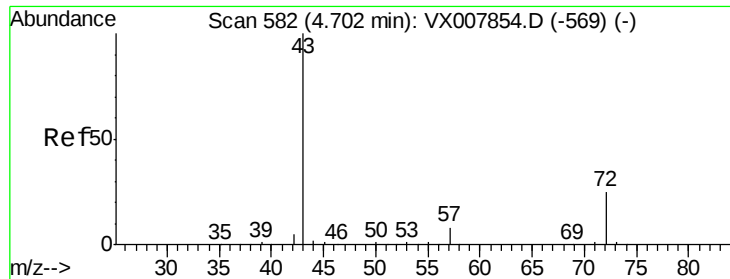
86 14.5 7.9 11.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 0.591 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

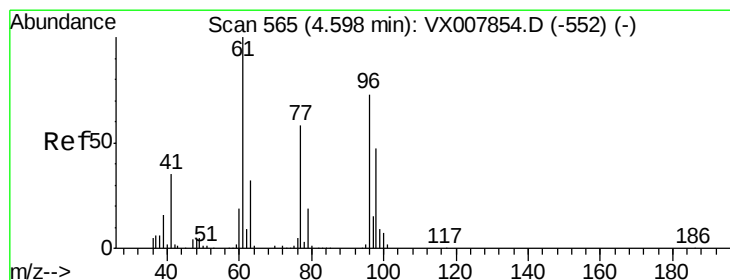
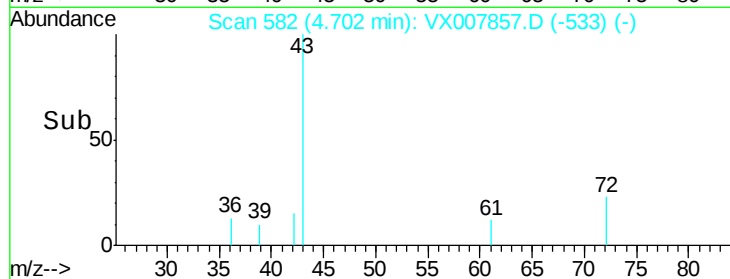
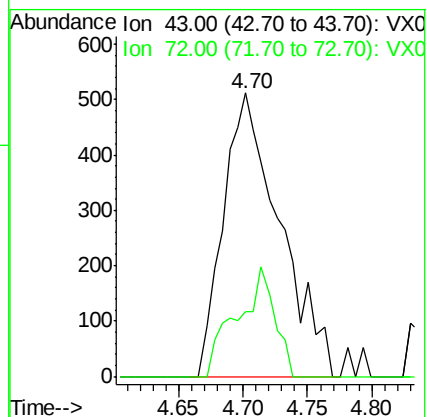
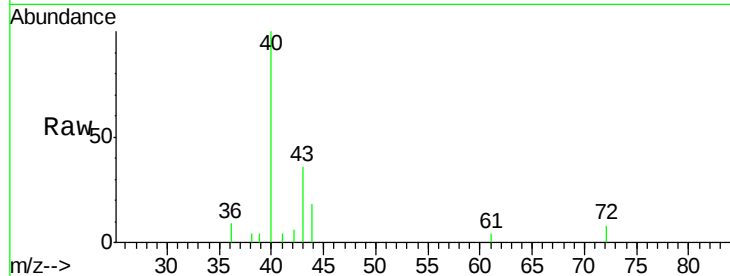
IBLK

Tgt Ion: 43 Resp: 1559

Ion Ratio Lower Upper

43 100

72 22.7 19.9 29.9



#27

cis-1,2-Dichloroethene

Concen: 0.281 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

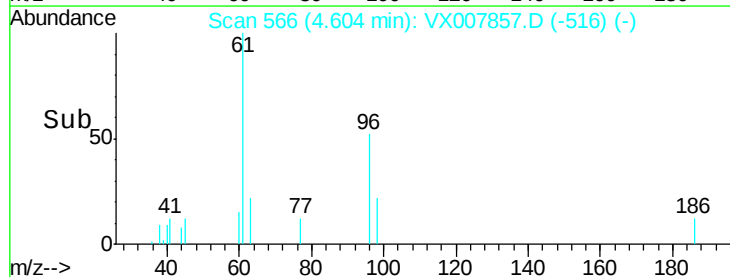
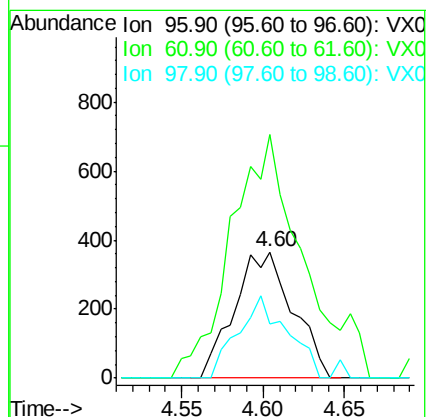
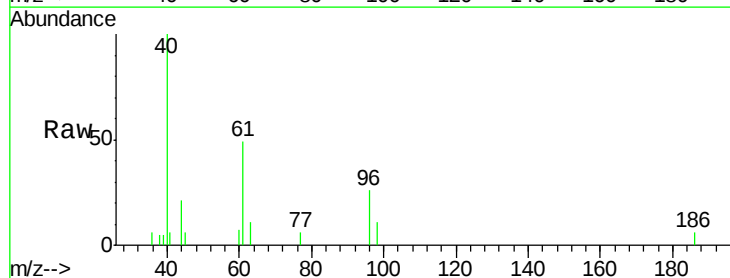
Tgt Ion: 96 Resp: 918

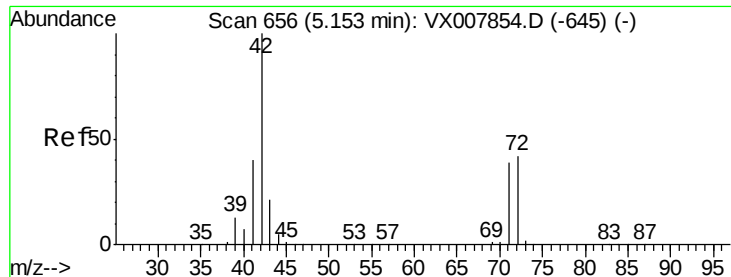
Ion Ratio Lower Upper

96 100

61 236.4 0.0 288.0

98 54.9 0.0 129.0

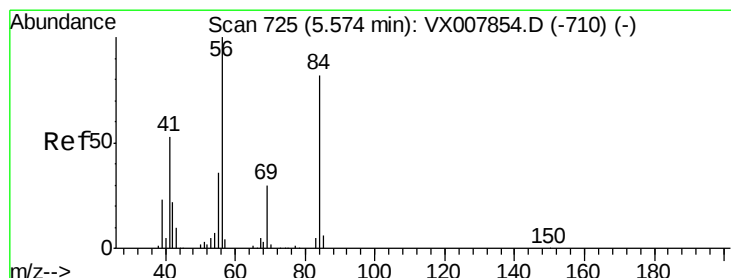
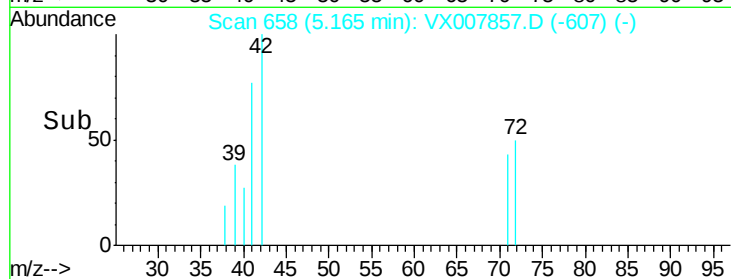
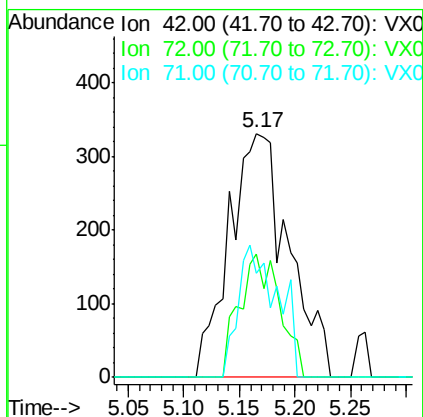
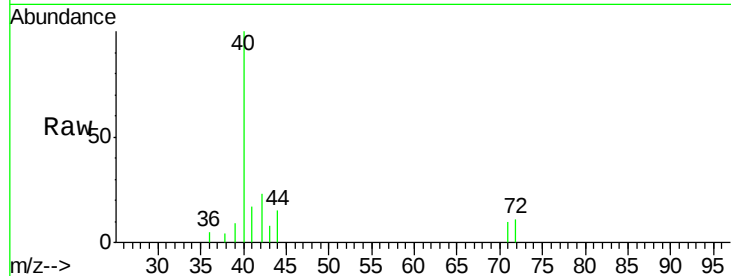




#29
Tetrahydrofuran
Concen: 0.748 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

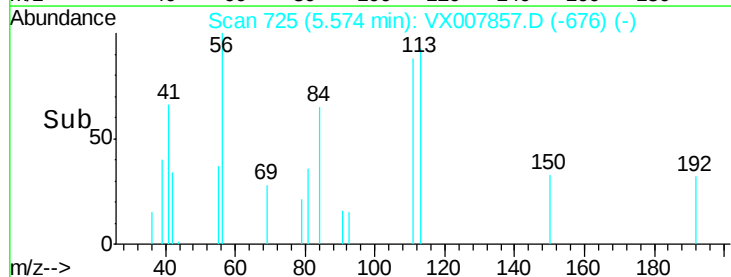
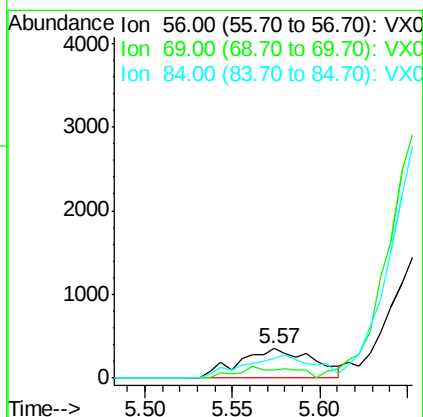
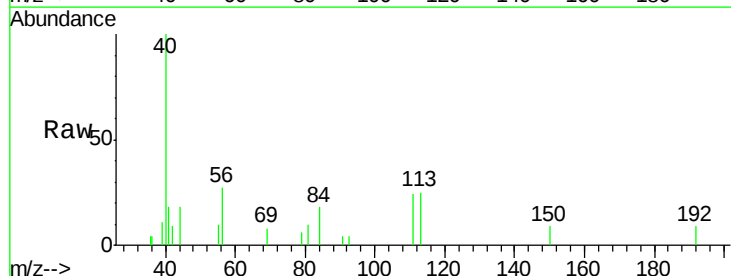
Instrument :
MSVOA_X
ClientSampled :
IBLK

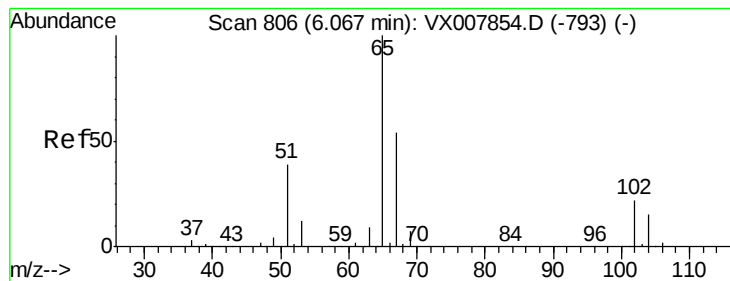
Tgt Ion: 42 Resp: 1232
Ion Ratio Lower Upper
42 100
72 34.7 33.8 50.6
71 35.5 31.5 47.3



#31
Cyclohexane
Concen: 0.211 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

Tgt Ion: 56 Resp: 1043
Ion Ratio Lower Upper
56 100
69 28.1 24.0 36.0
84 64.6 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: 50.126 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

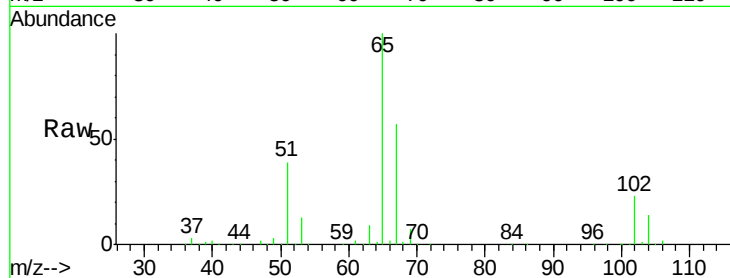
IBLK

Tgt Ion: 65 Resp: 161460

Ion Ratio Lower Upper

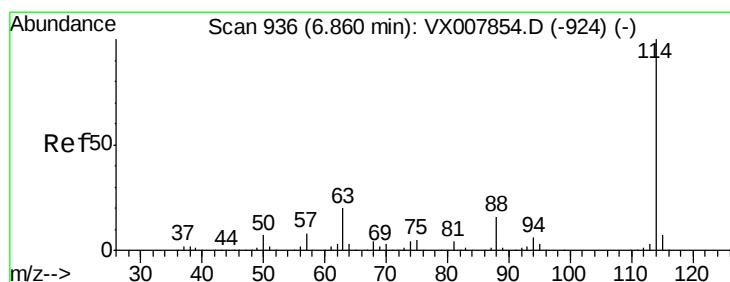
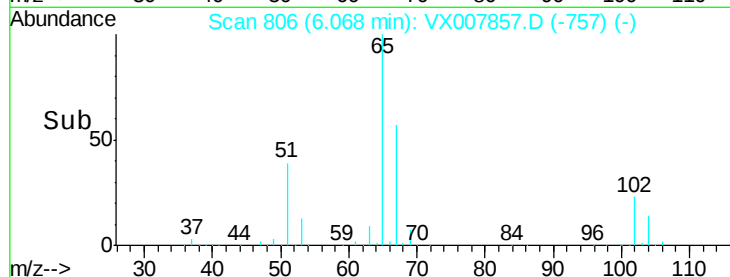
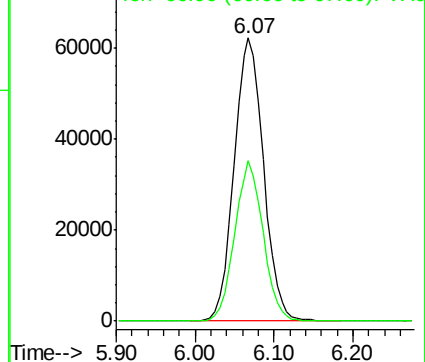
65 100

67 54.4 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

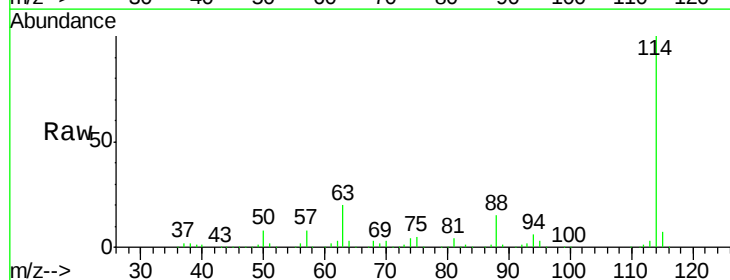
Tgt Ion: 114 Resp: 452476

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

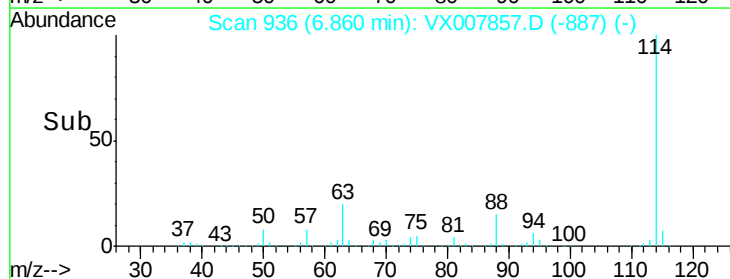
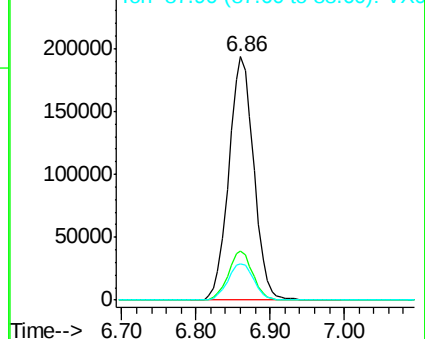
88 14.9 0.0 31.4

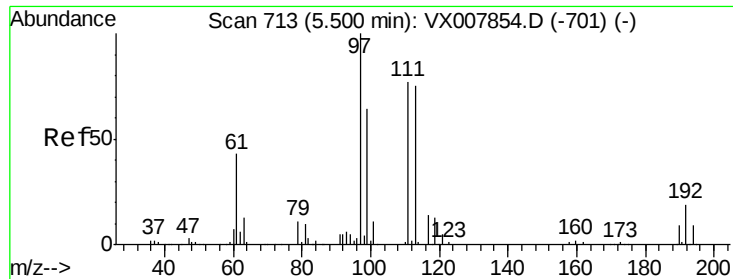


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

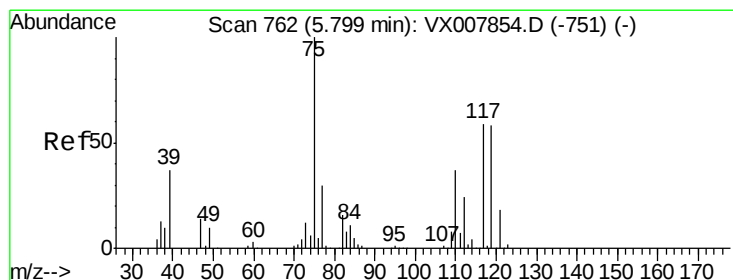
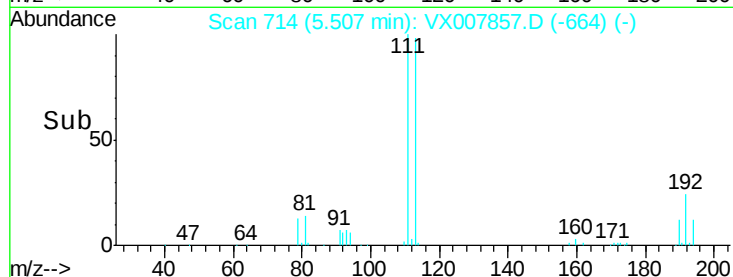
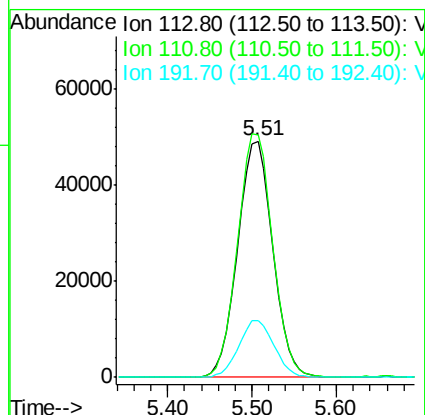
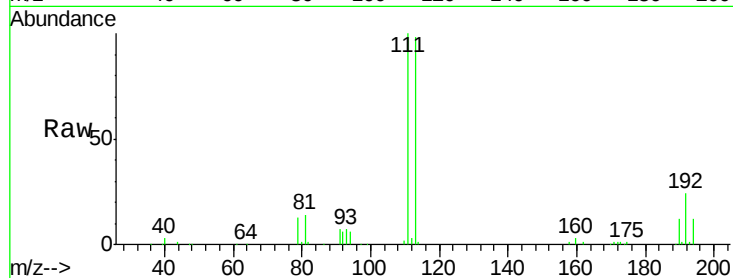




#35
 Dibromofluoromethane
 Concen: 47.947 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

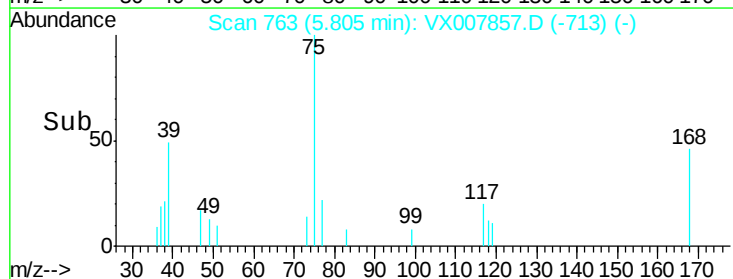
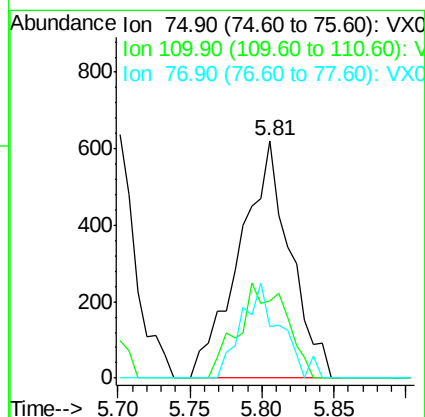
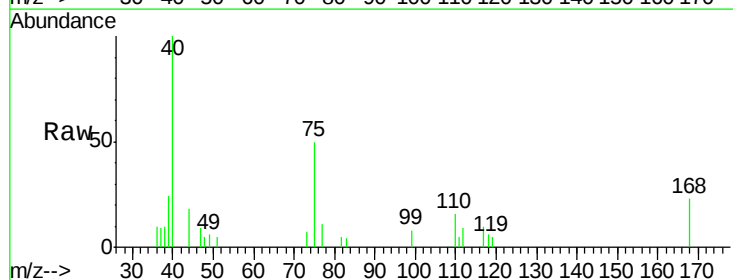
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

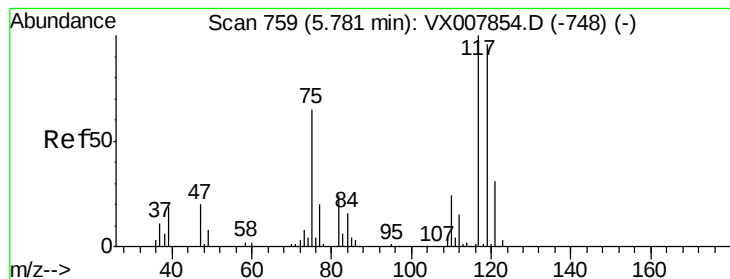
Tgt Ion:113 Resp: 138775
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.0
 192 24.3 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 0.369 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

Tgt Ion: 75 Resp: 1511
 Ion Ratio Lower Upper
 75 100
 110 37.9 18.4 55.0
 77 30.8 25.0 37.4





#38

Carbon Tetrachloride

Concen: 6.776 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

IBLK

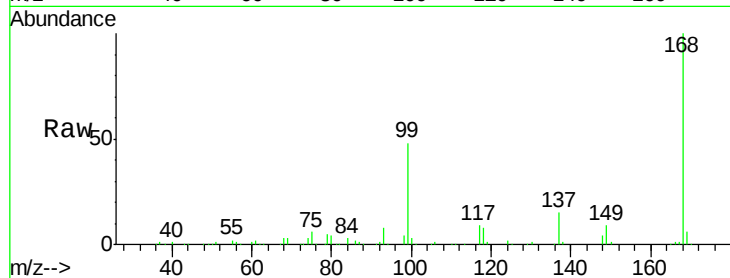
Tgt Ion: 117 Resp: 26356

Ion Ratio Lower Upper

117 100

119 6.5 76.2 114.2#

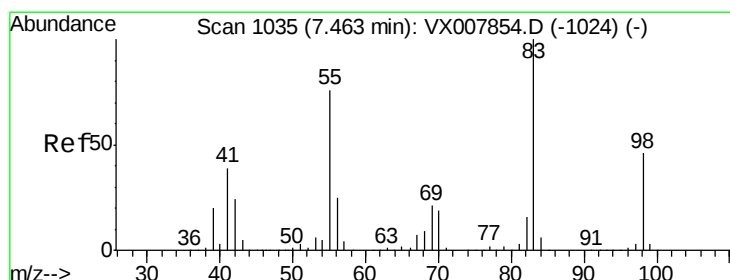
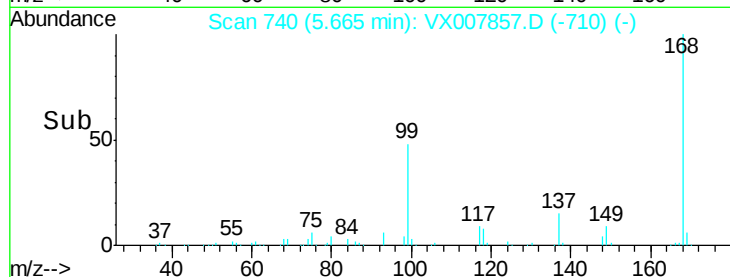
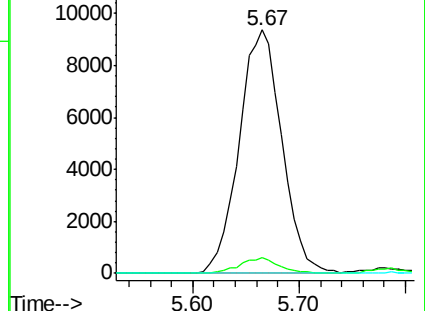
121 0.0 24.6 36.8#



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



#39

Methylcyclohexane

Concen: 0.201 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

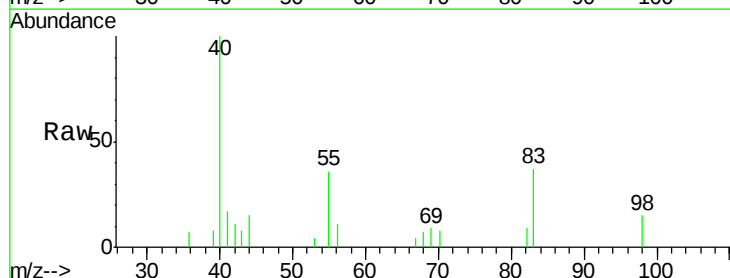
Tgt Ion: 83 Resp: 997

Ion Ratio Lower Upper

83 100

55 97.2 60.4 90.6#

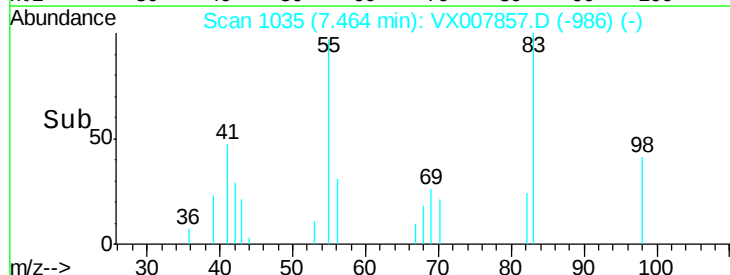
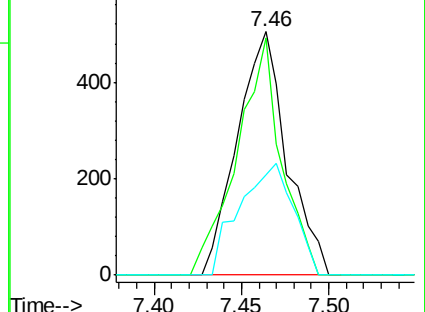
98 41.0 36.5 54.7

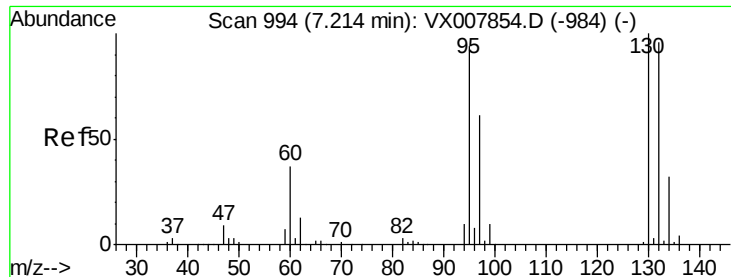


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 0.362 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

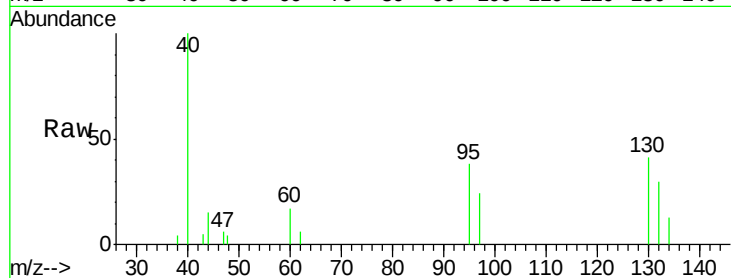
IBLK

Tgt Ion: 130 Resp: 1217

Ion Ratio Lower Upper

130 100

95 92.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

600

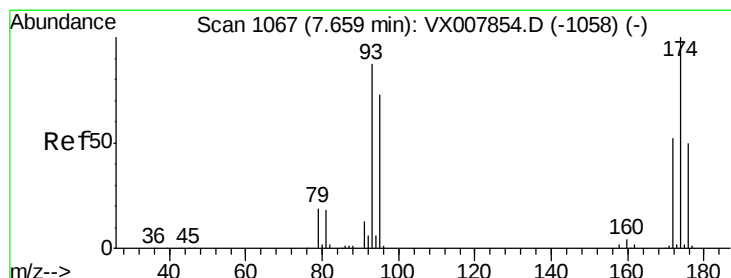
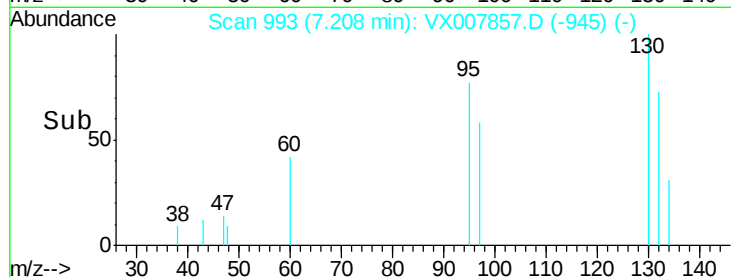
400

200

0

7.15 7.20 7.25

Time-->



#46

Dibromomethane

Concen: 0.233 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

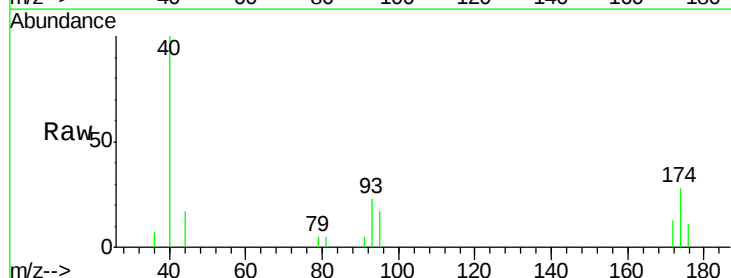
Tgt Ion: 93 Resp: 475

Ion Ratio Lower Upper

93 100

95 99.6 66.8 100.2

174 137.1 97.3 145.9



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

400

300

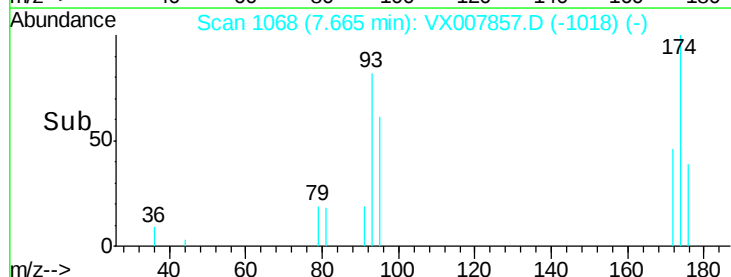
200

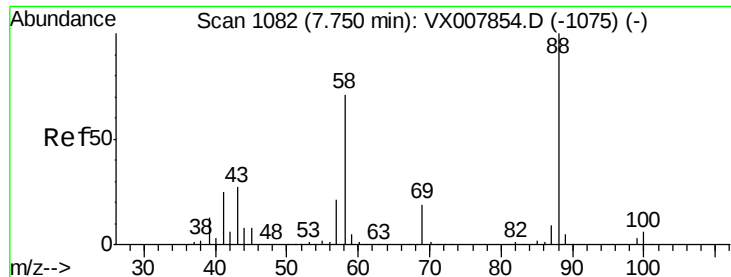
100

0

7.65 7.66 7.70

Time-->

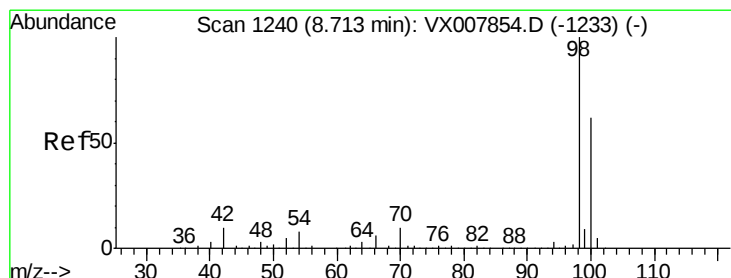
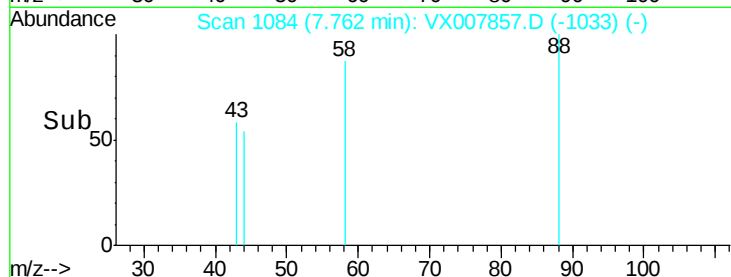
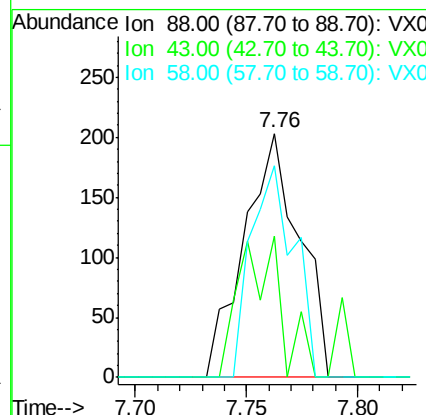
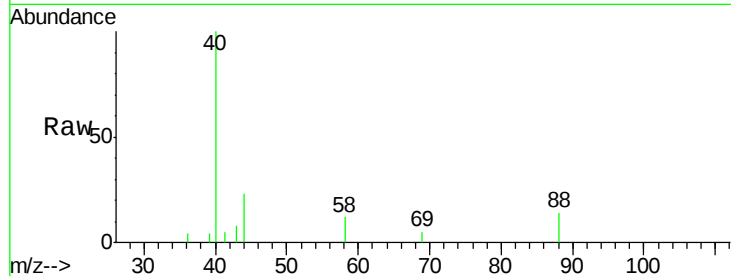




#49
 1,4-Dioxane
 Concen: 4.504 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

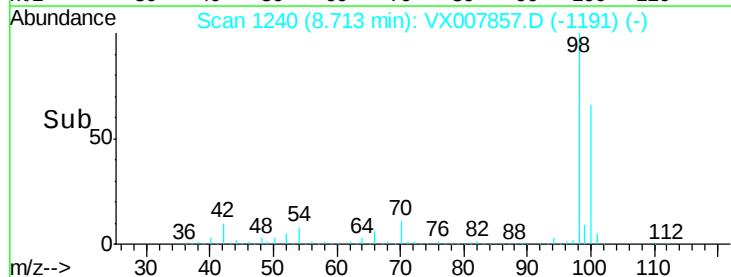
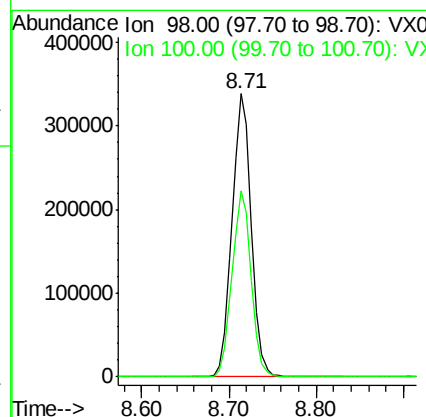
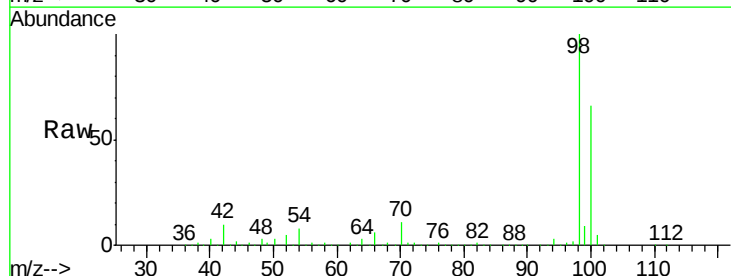
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

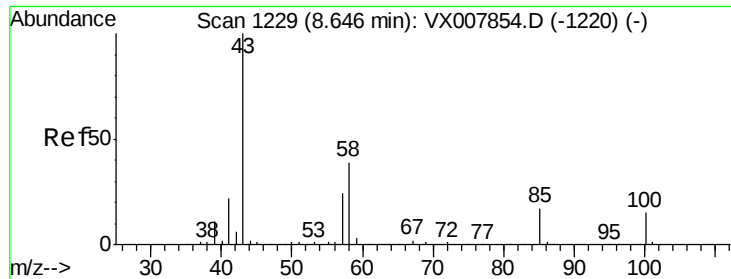
Tgt Ion: 88 Resp: 350
 Ion Ratio Lower Upper
 88 100
 43 43.1 25.1 37.7#
 58 67.7 57.8 86.6



#50
 Toluene-d8
 Concen: 48.681 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

Tgt Ion: 98 Resp: 517458
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.299 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

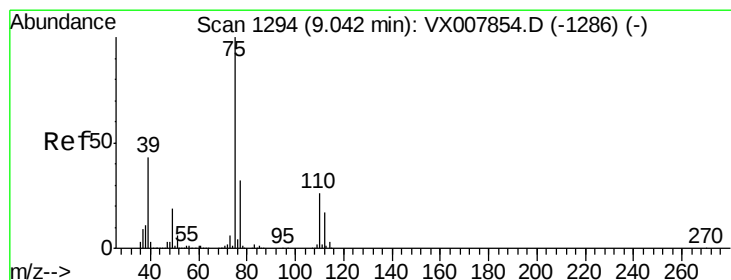
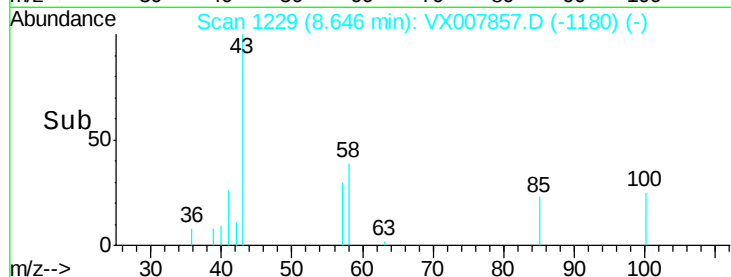
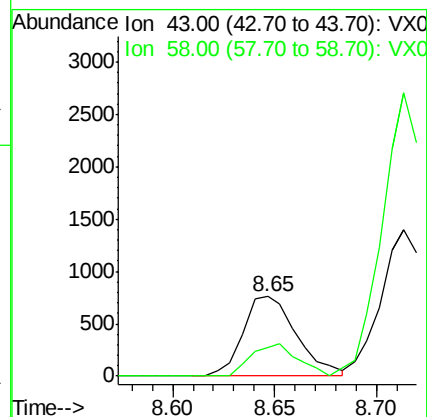
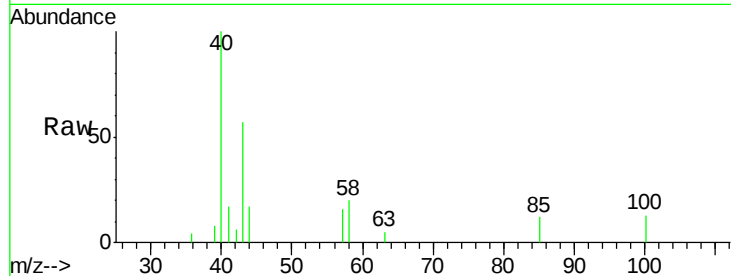
IBLK

Tgt Ion: 43 Resp: 1384

Ion Ratio Lower Upper

43 100

58 35.1 31.3 46.9



#53

t-1,3-Dichloropropene

Concen: 0.220 ug/l

RT: 9.05 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX007857.D

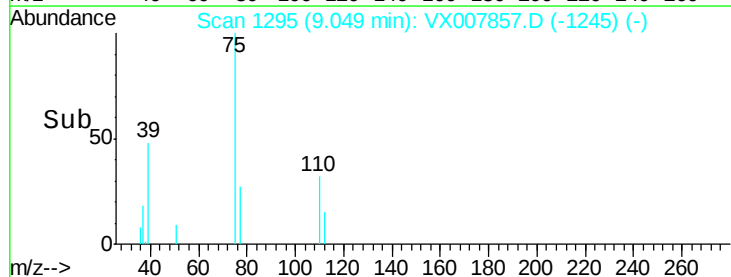
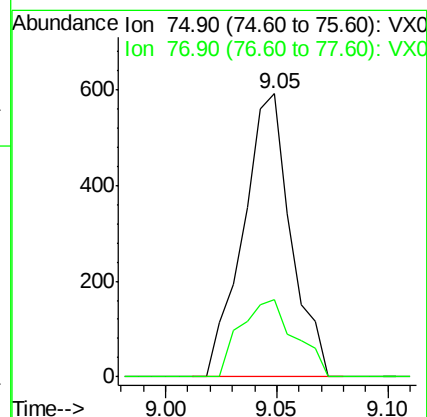
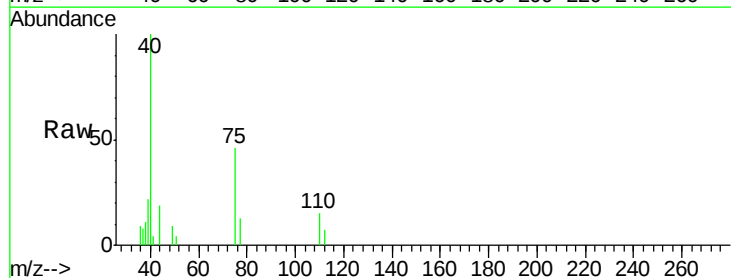
Acq: 06 Mar 2019 12:20

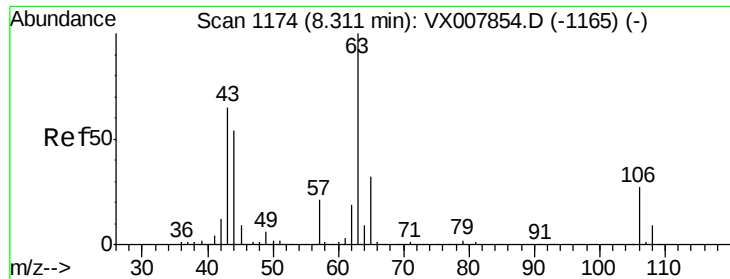
Tgt Ion: 75 Resp: 887

Ion Ratio Lower Upper

75 100

77 27.4 25.4 38.0

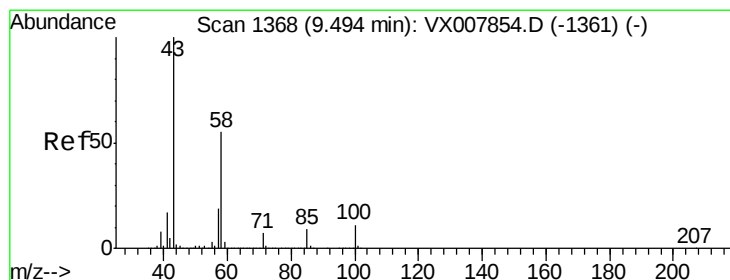
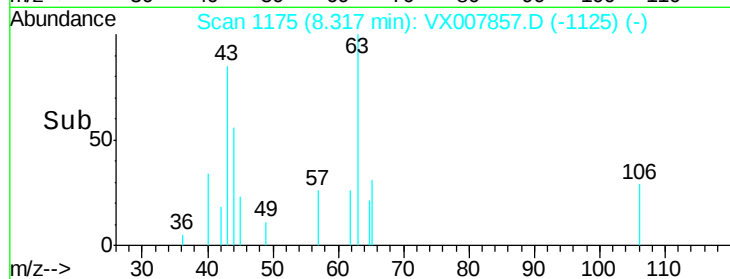
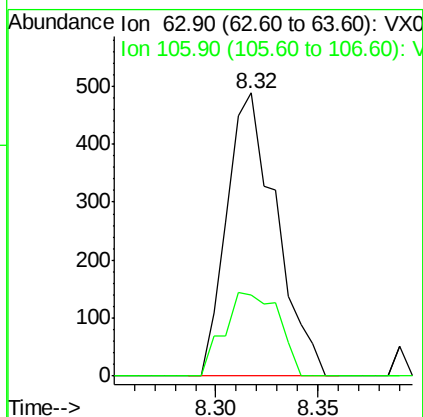
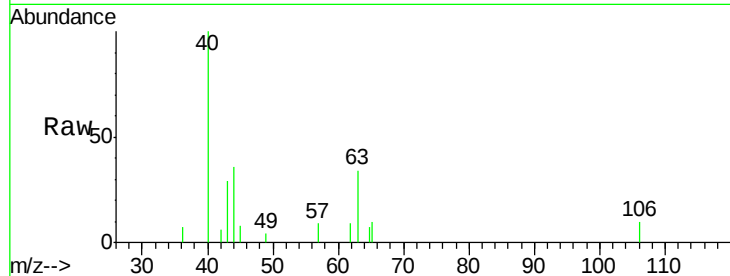




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.350 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

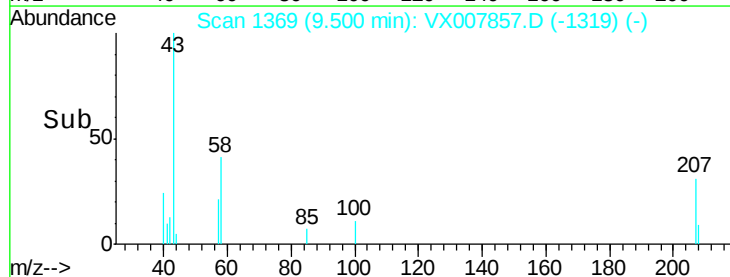
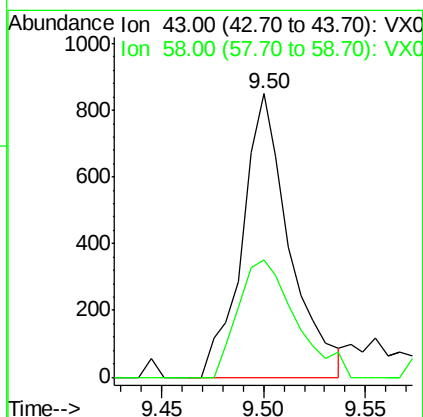
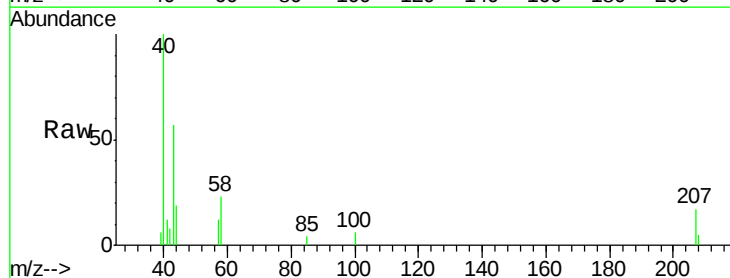
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

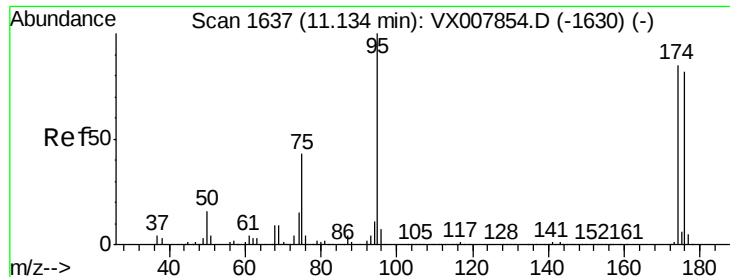
Tgt Ion: 63 Resp: 820
 Ion Ratio Lower Upper
 63 100
 106 32.6 22.2 33.2



#59
 2-Hexanone
 Concen: 0.381 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

Tgt Ion: 43 Resp: 1369
 Ion Ratio Lower Upper
 43 100
 58 49.9 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 47.272 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

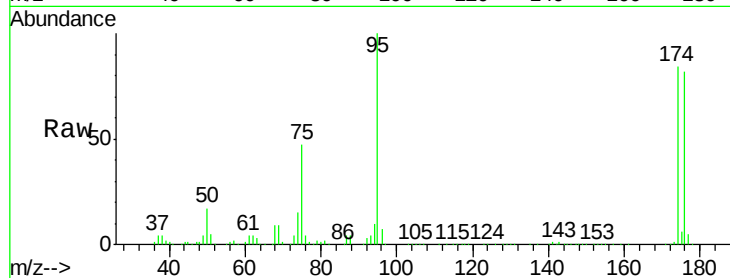
Tgt Ion: 95 Resp: 176170

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.8

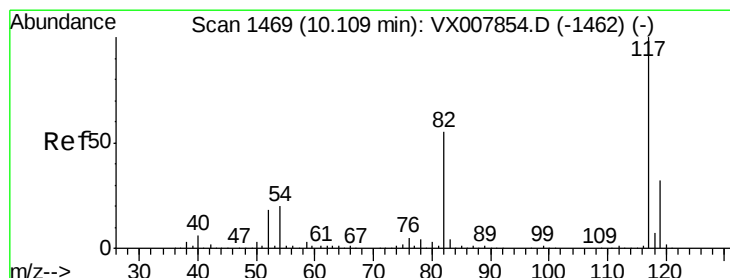
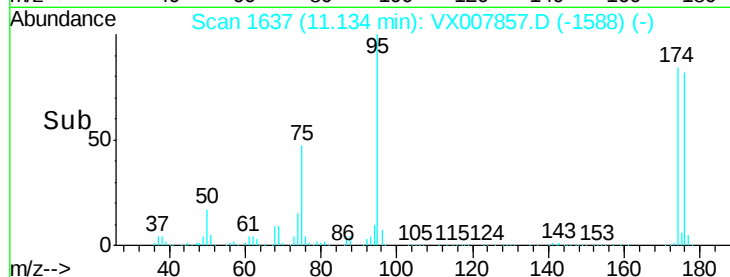
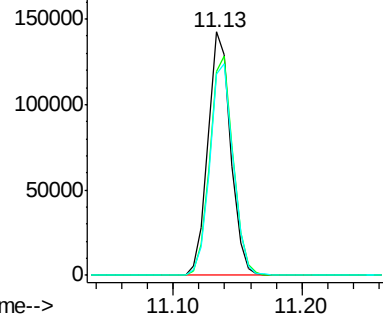
176 89.0 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007857.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007857.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007857.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

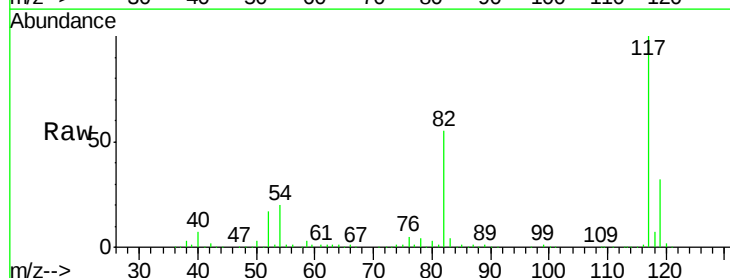
Tgt Ion: 117 Resp: 394075

Ion Ratio Lower Upper

117 100

82 55.2 44.3 66.5

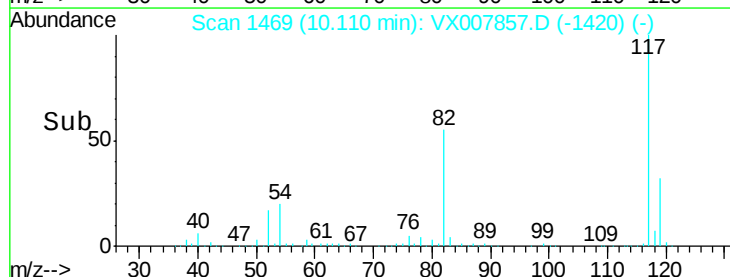
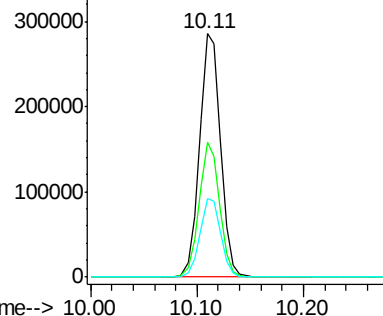
119 32.4 25.3 37.9

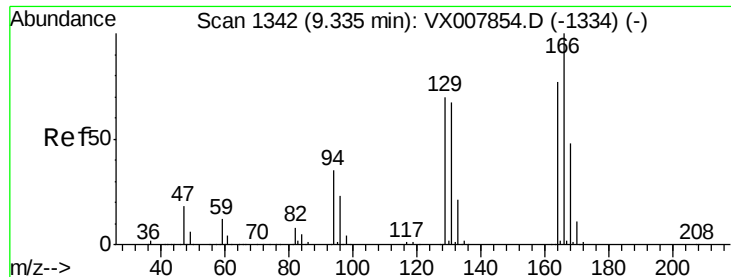


Abundance Ion 116.90 (116.60 to 117.60): VX007857.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007857.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007857.D (-1420) (-)

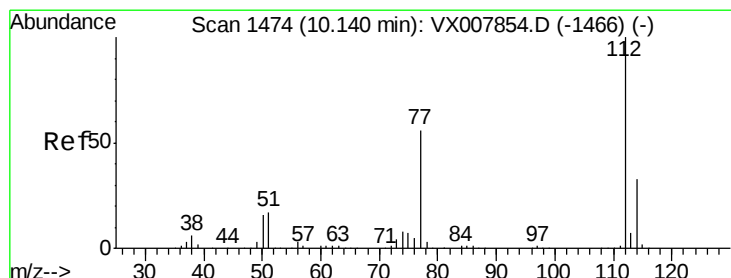
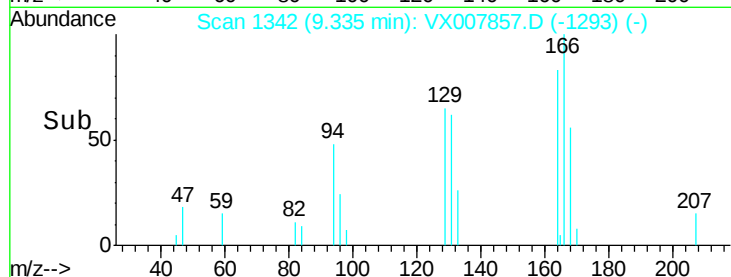
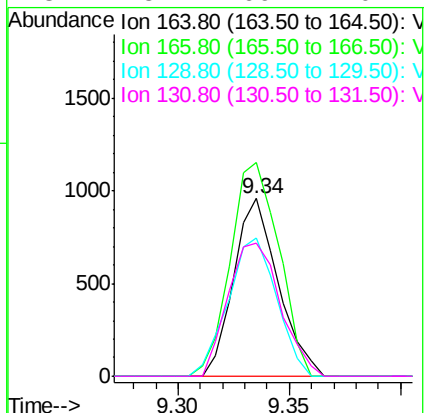
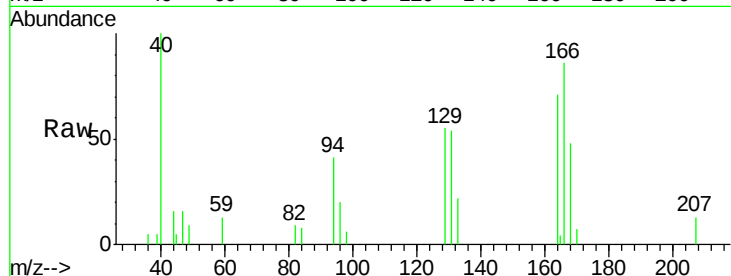




#64
Tetrachloroethene
Concen: 0.407 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

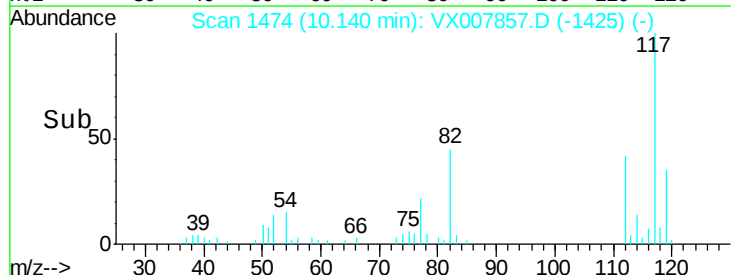
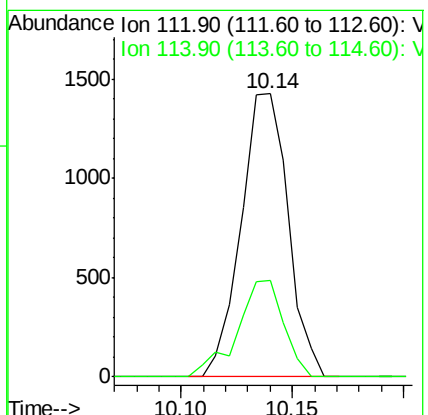
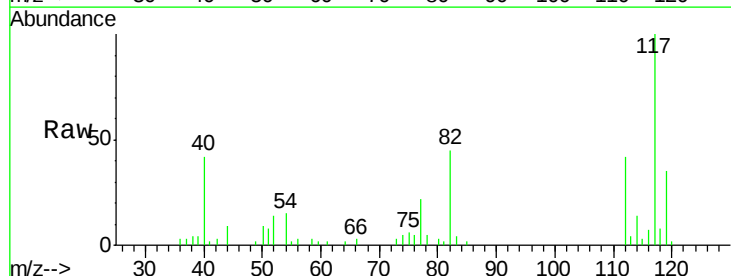
Instrument :
MSVOA_X
ClientSampleId :
IBLK

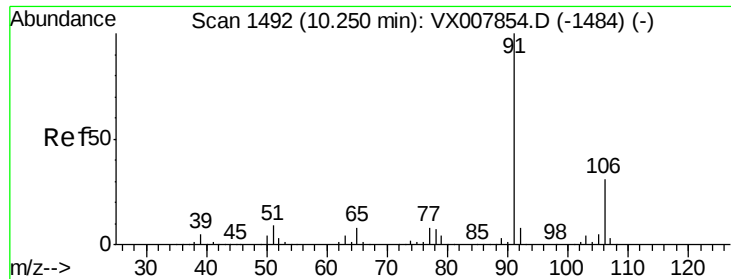
Tgt Ion:164 Resp: 1328
Ion Ratio Lower Upper
164 100
166 120.3 103.4 155.0
129 77.8 72.2 108.4
131 75.1 69.4 104.2



#65
Chlorobenzene
Concen: 0.255 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

Tgt Ion:112 Resp: 2106
Ion Ratio Lower Upper
112 100
114 34.1 26.0 39.0

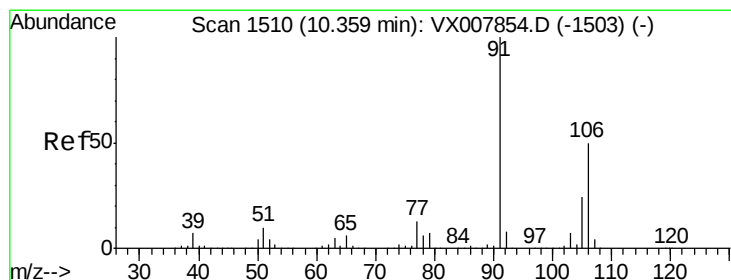
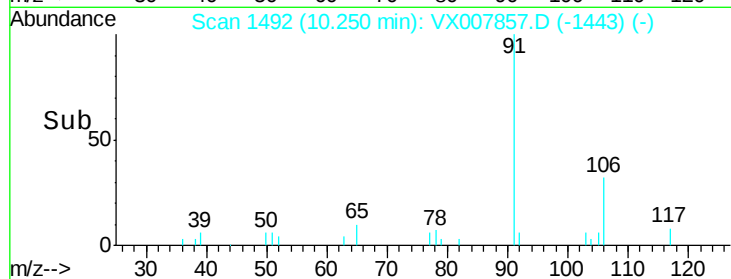
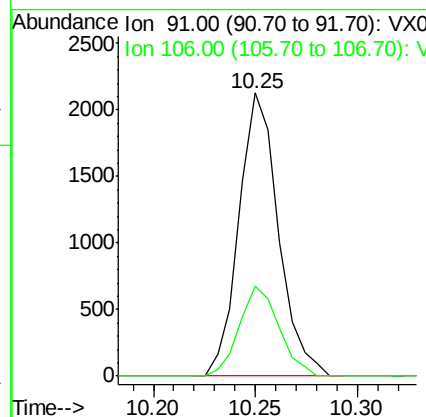
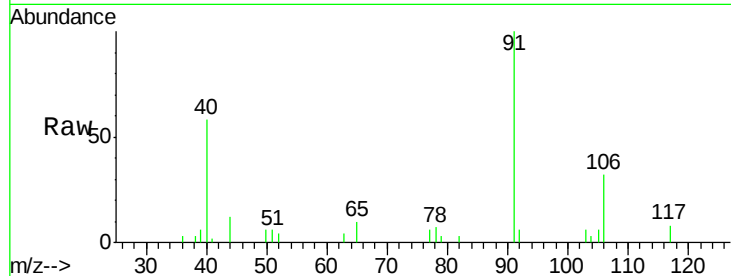




#67
Ethyl Benzene
Concen: 0.210 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

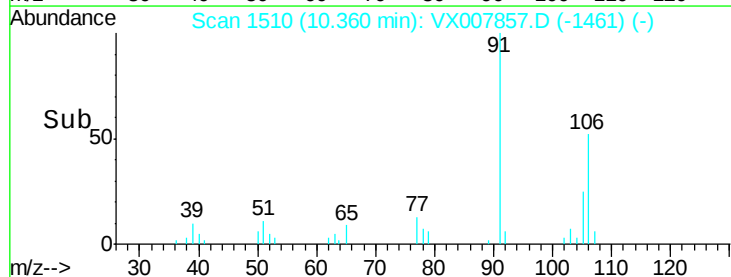
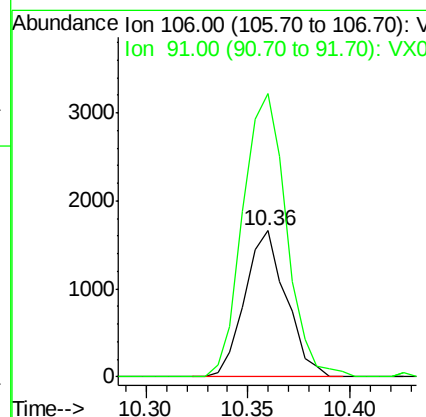
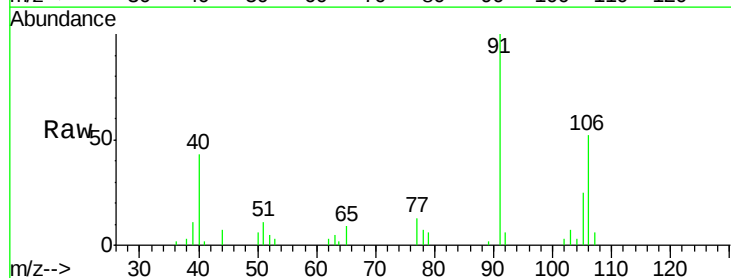
Instrument :
MSVOA_X
ClientSampled :
IBLK

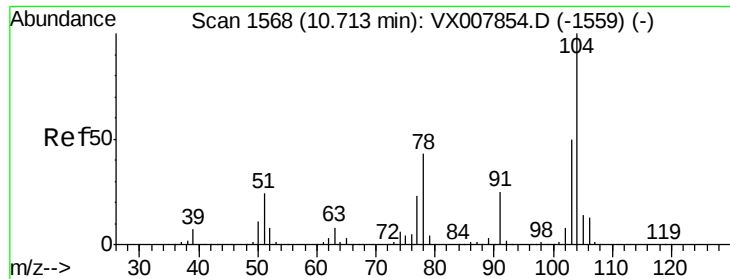
Tgt Ion: 91 Resp: 2853
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8



#68
m/p-Xylenes
Concen: 0.446 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

Tgt Ion: 106 Resp: 2335
Ion Ratio Lower Upper
106 100
91 204.1 159.8 239.6

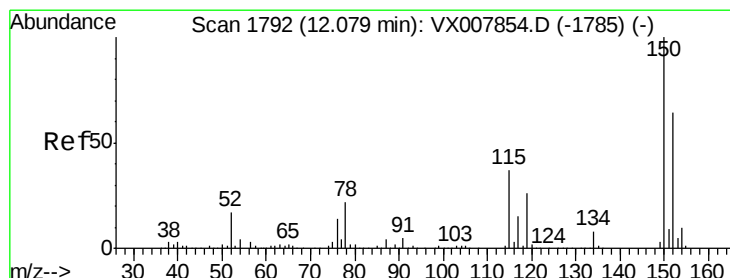
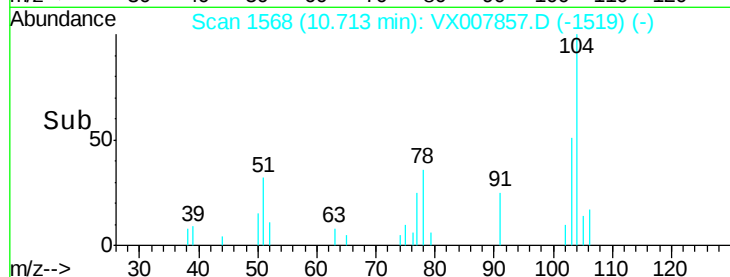
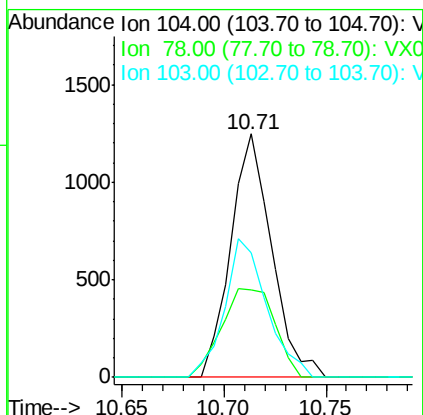
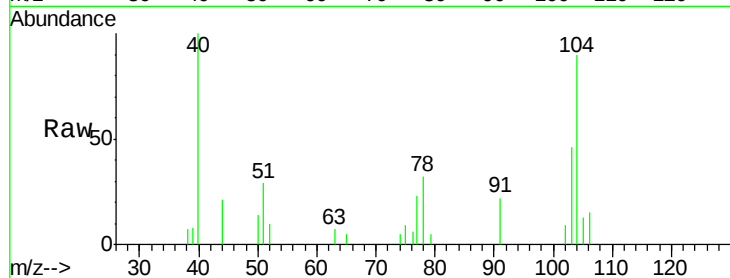




#70
Styrene
Concen: 0.210 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

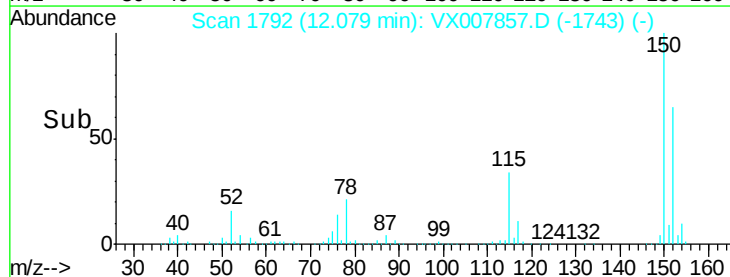
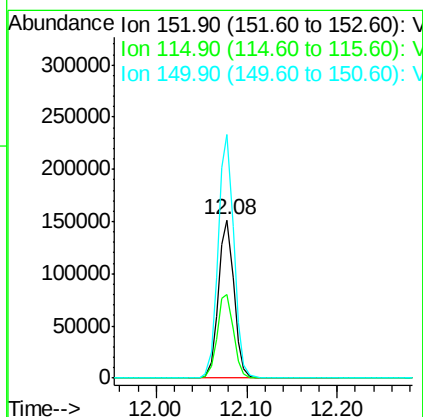
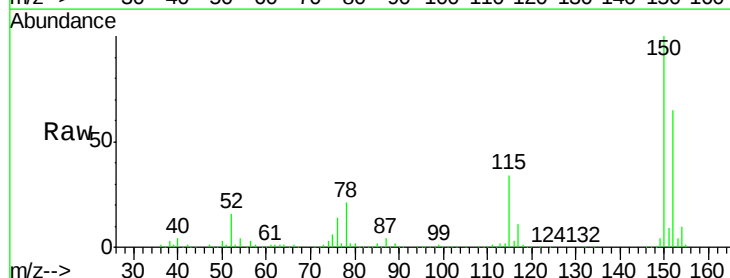
Instrument :
MSVOA_X
ClientSampleId :
IBLK

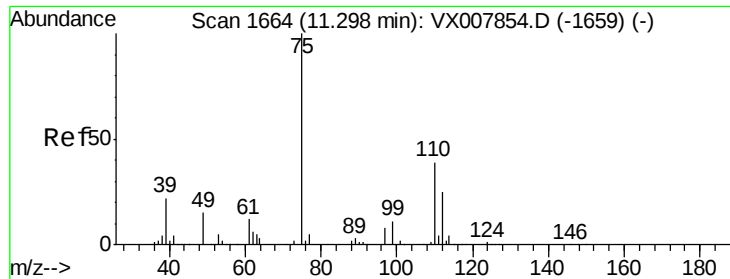
Tgt Ion:104 Resp: 1736
Ion Ratio Lower Upper
104 100
78 47.5 38.5 57.7
103 58.6 44.1 66.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

Tgt Ion:152 Resp: 182883
Ion Ratio Lower Upper
152 100
115 55.0 38.6 115.7
150 155.4 0.0 348.4

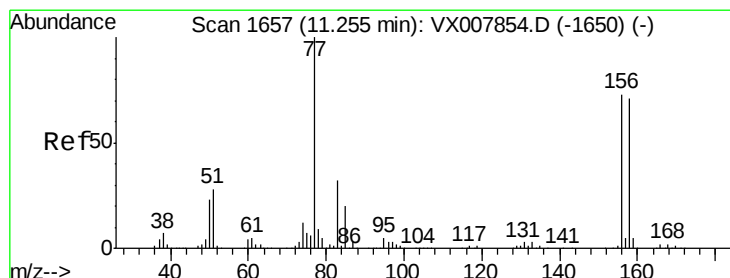
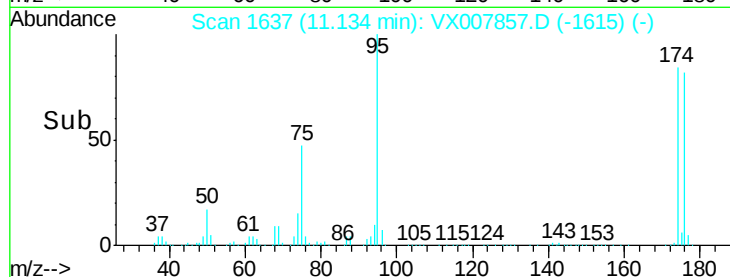
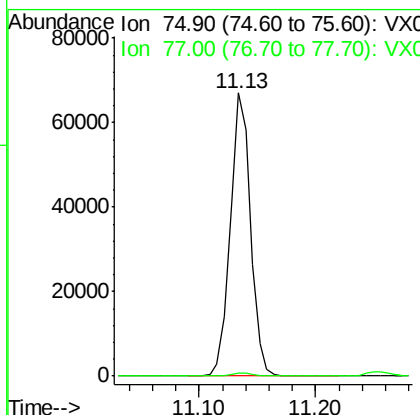
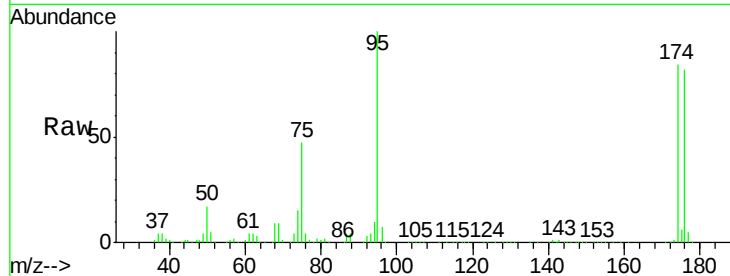




#76
 1,2,3-Trichloropropane
 Concen: 20.972 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

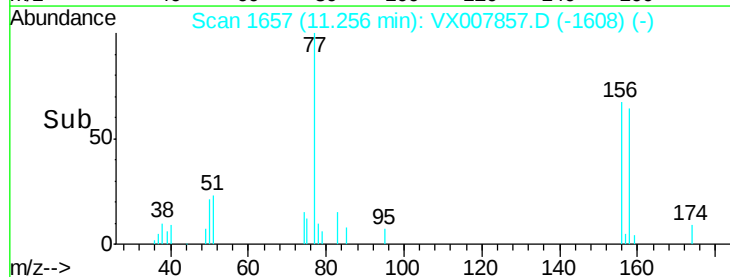
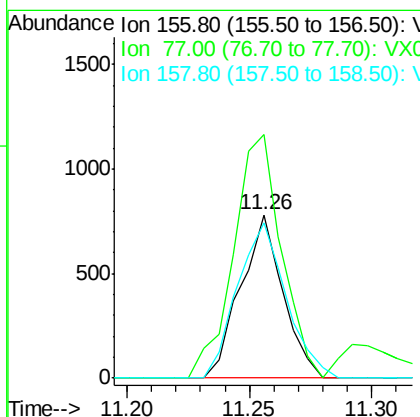
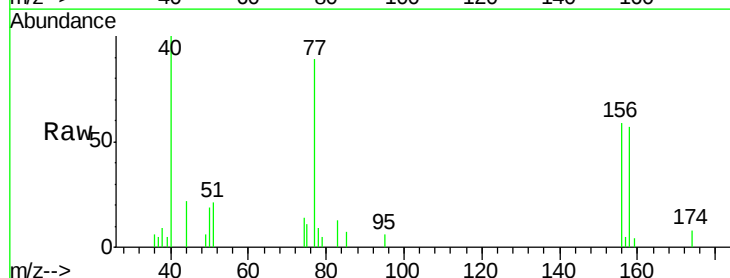
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

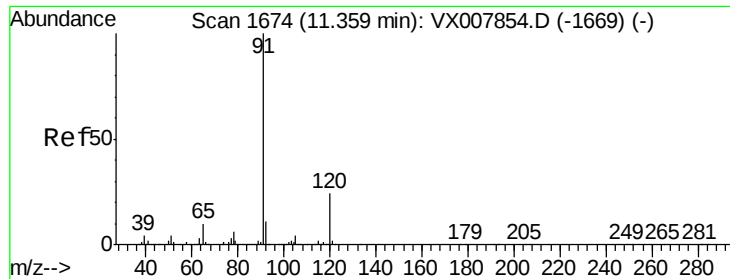
Tgt Ion: 75 Resp: 81152
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.7#



#77
 Bromobenzene
 Concen: 0.278 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

Tgt Ion: 156 Resp: 944
 Ion Ratio Lower Upper
 156 100
 77 167.9 72.0 215.9
 158 109.4 48.6 145.9





#78

n-propylbenzene

Concen: 0.287 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007857.D

Acq: 06 Mar 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

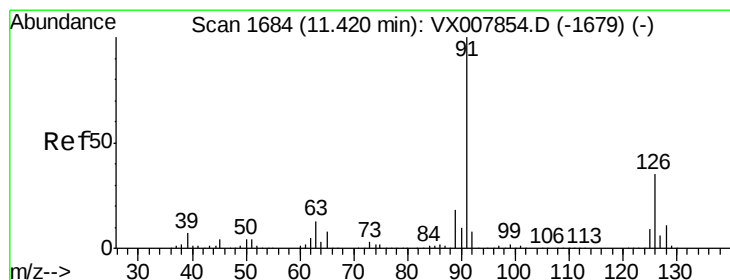
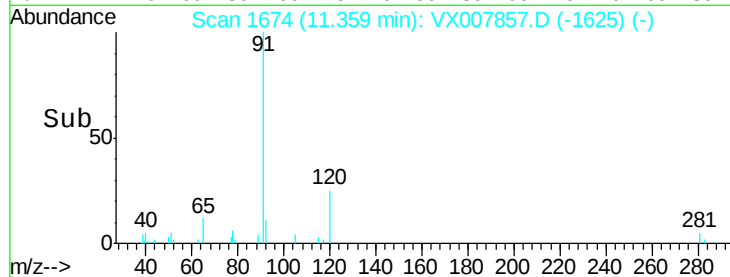
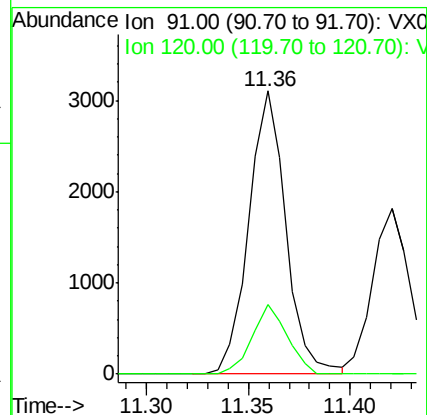
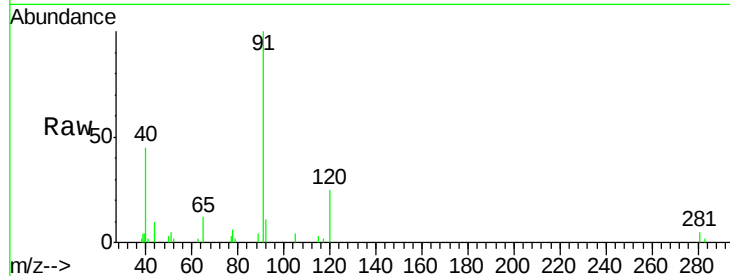
IBLK

Tgt Ion: 91 Resp: 3943

Ion Ratio Lower Upper

91 100

120 23.2 12.0 36.0



#79

2-Chlorotoluene

Concen: 0.289 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007857.D

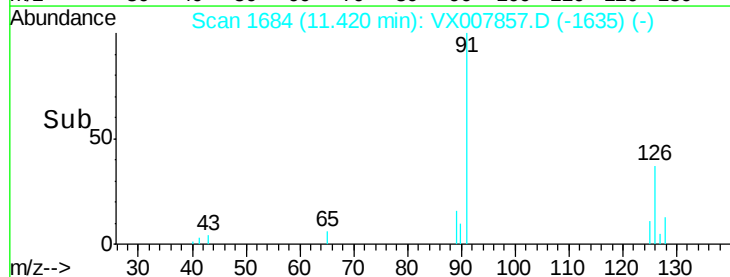
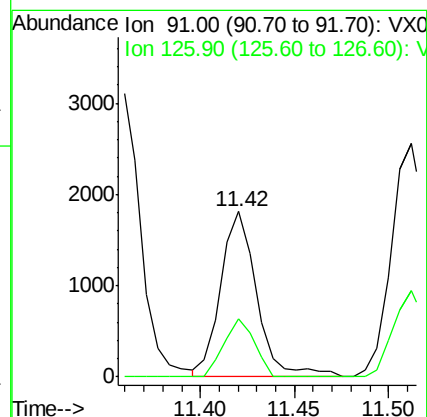
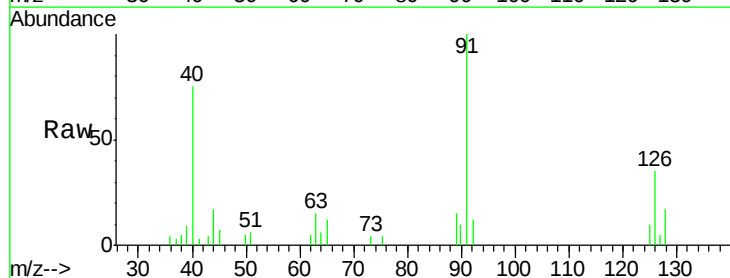
Acq: 06 Mar 2019 12:20

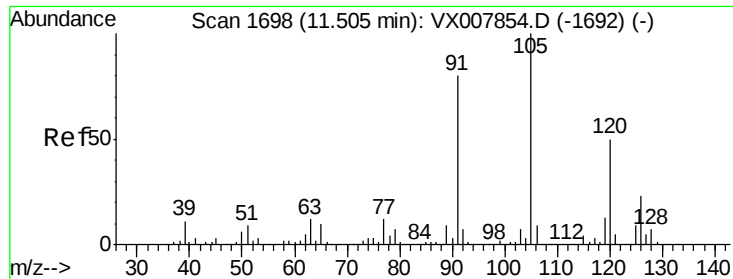
Tgt Ion: 91 Resp: 2428

Ion Ratio Lower Upper

91 100

126 29.3 17.5 52.6

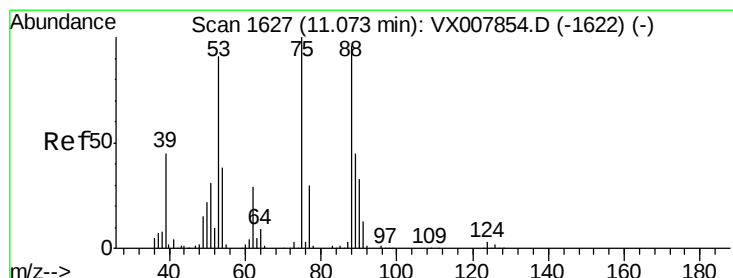
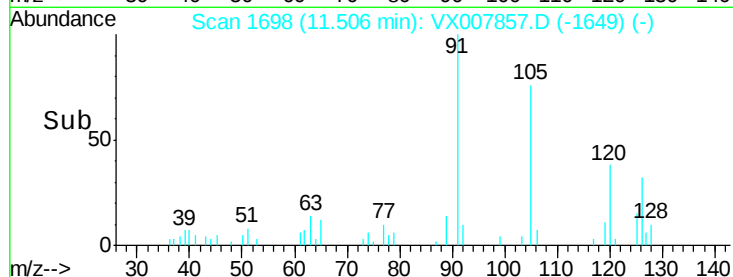
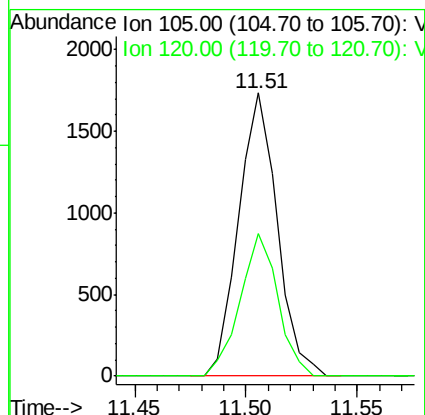
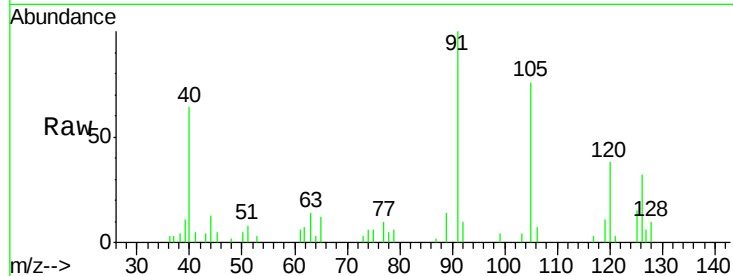




#80
 1,3,5-Trimethylbenzene
 Concen: 0.206 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

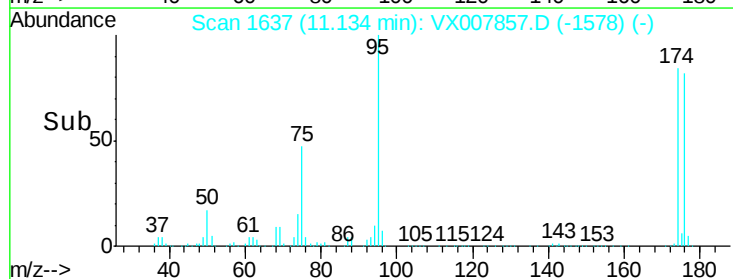
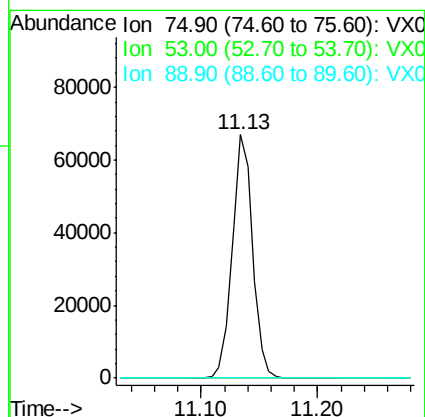
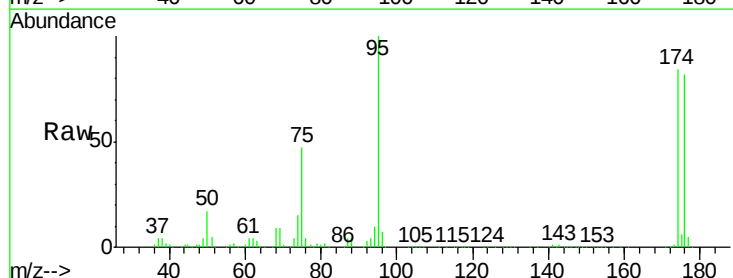
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

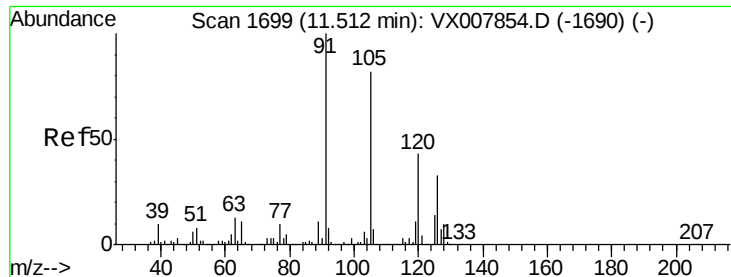
Tgt Ion: 105 Resp: 2095
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.594 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

Tgt Ion: 75 Resp: 81152
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.0 36.3 54.5#

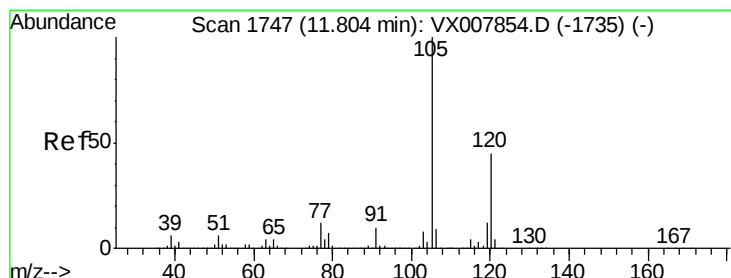
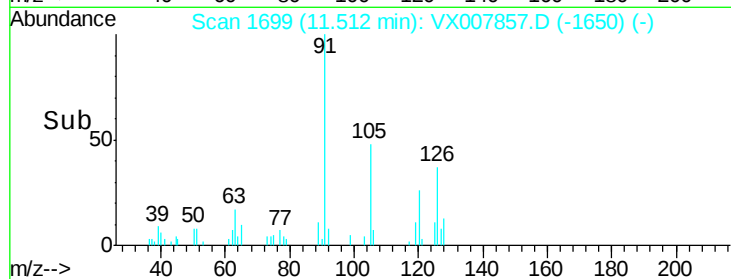
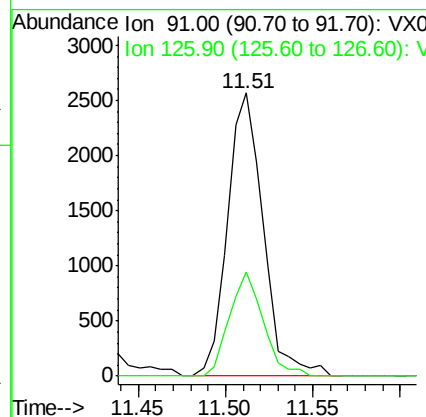
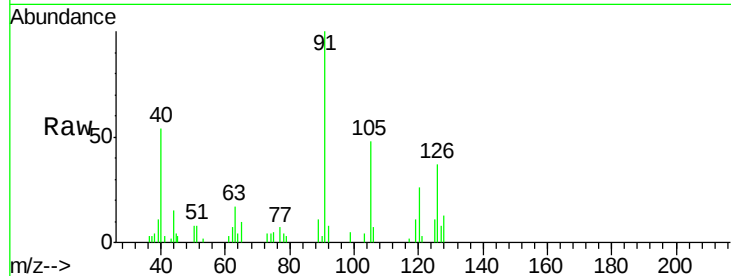




#82
4-Chlorotoluene
Concen: 0.378 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

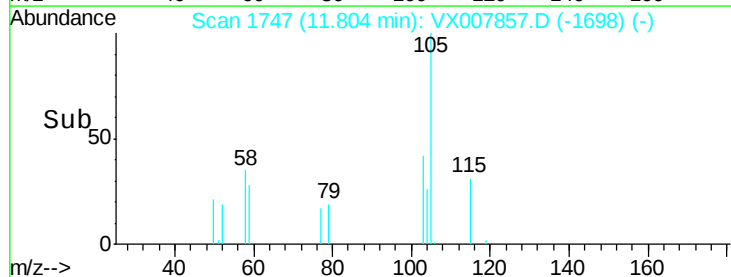
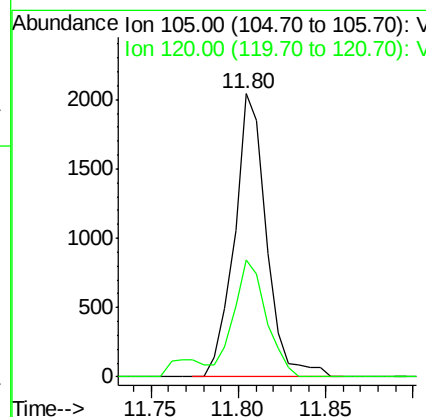
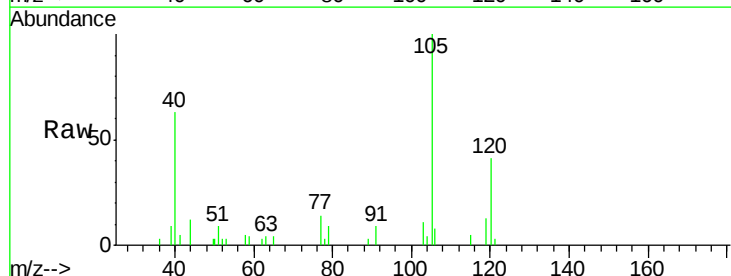
Instrument :
MSVOA_X
ClientSampleId :
IBLK

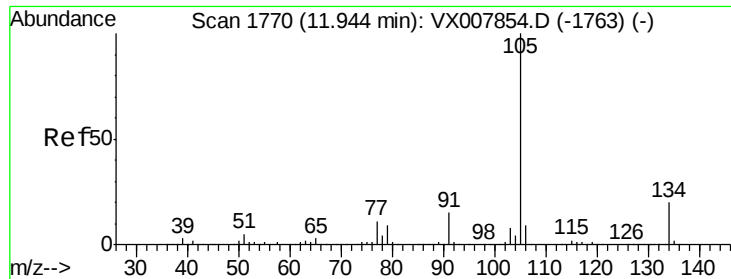
Tgt Ion: 91 Resp: 3637
Ion Ratio Lower Upper
91 100
126 34.8 15.6 46.8



#84
1,2,4-Trimethylbenzene
Concen: 0.249 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

Tgt Ion: 105 Resp: 2597
Ion Ratio Lower Upper
105 100
120 41.5 22.6 67.7

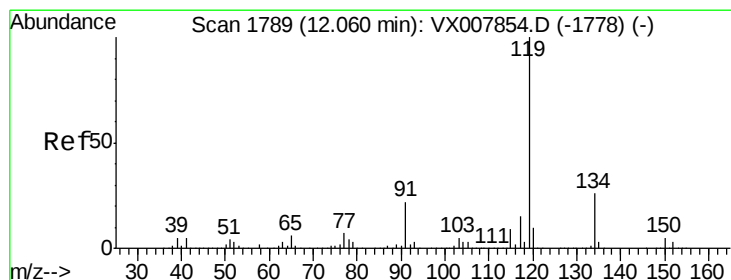
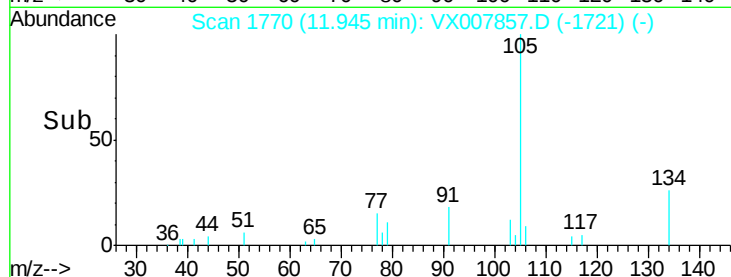
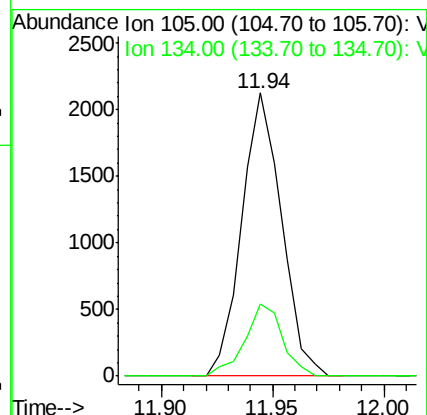
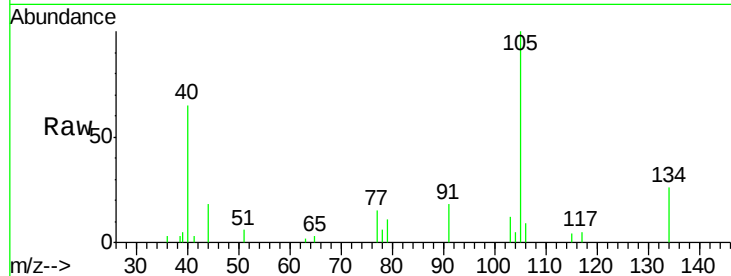




#85
 sec-Butylbenzene
 Concen: 0.219 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

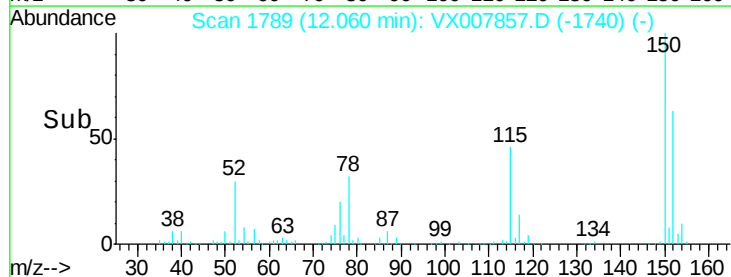
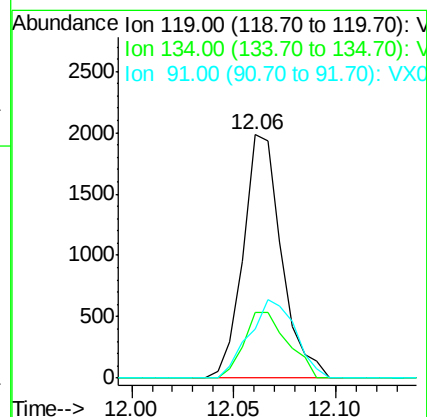
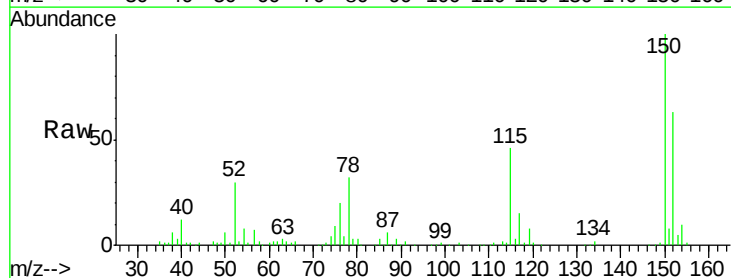
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

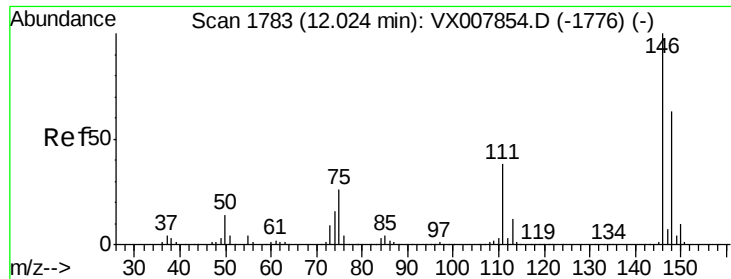
Tgt Ion:105 Resp: 2642
 Ion Ratio Lower Upper
 105 100
 134 24.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 0.239 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

Tgt Ion:119 Resp: 2587
 Ion Ratio Lower Upper
 119 100
 134 30.9 13.3 39.9
 91 38.8 10.9 32.7#

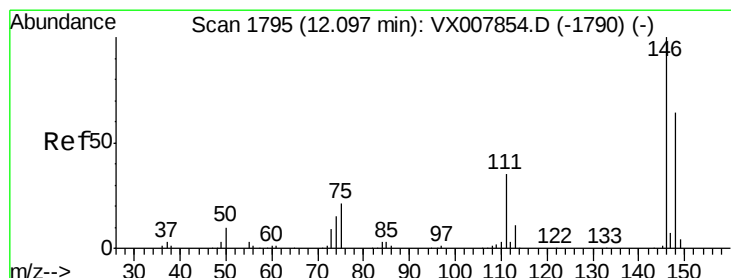
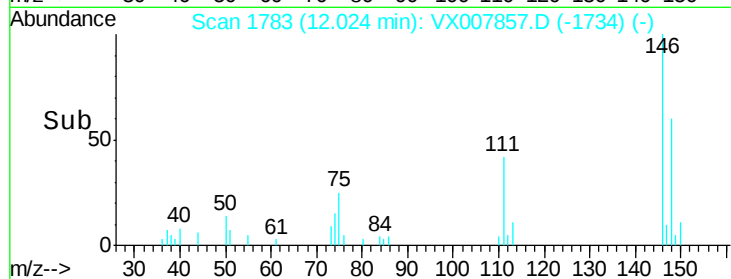
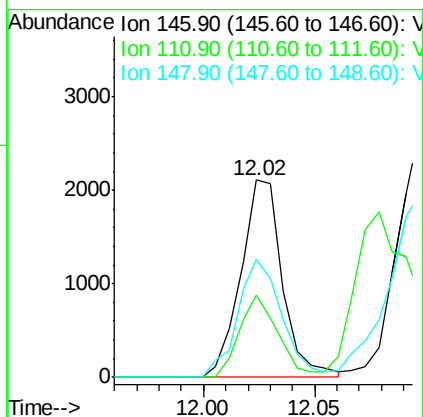
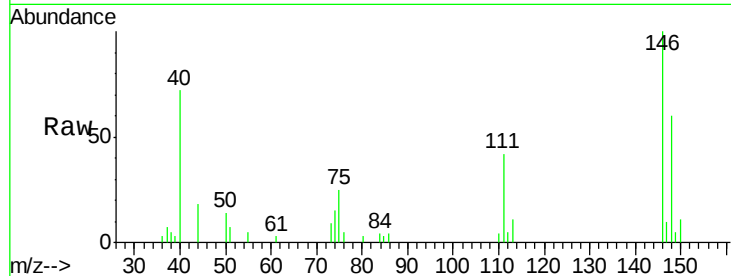




#87
 1,3-Dichlorobenzene
 Concen: 0.459 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

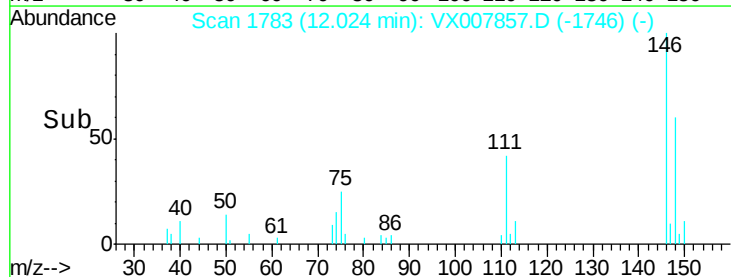
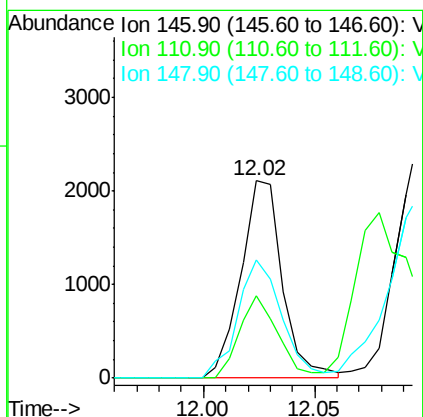
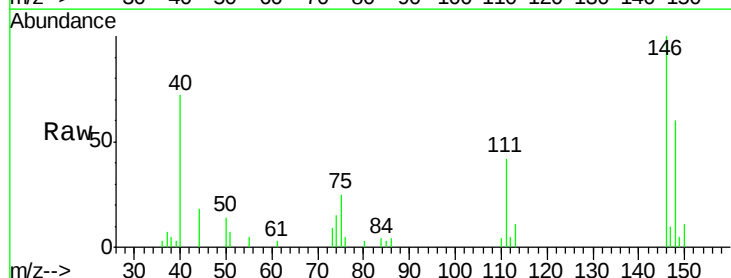
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

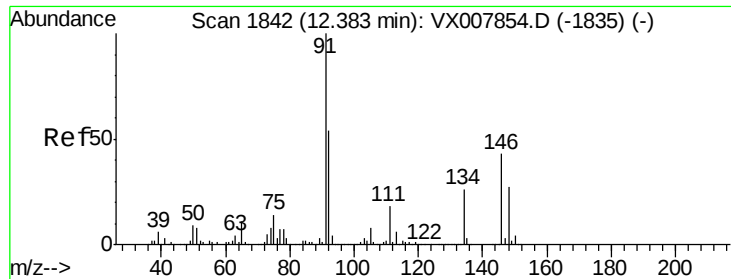
Tgt Ion:146 Resp: 2752
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.7
 148 63.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 0.448 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

Tgt Ion:146 Resp: 2752
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.4 55.0
 148 63.2 32.2 96.6

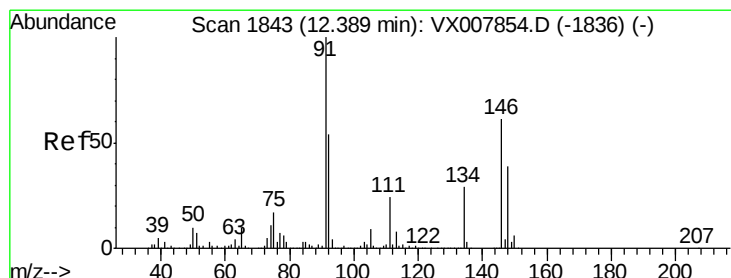
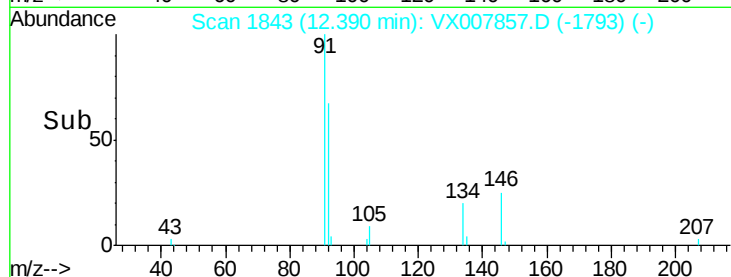
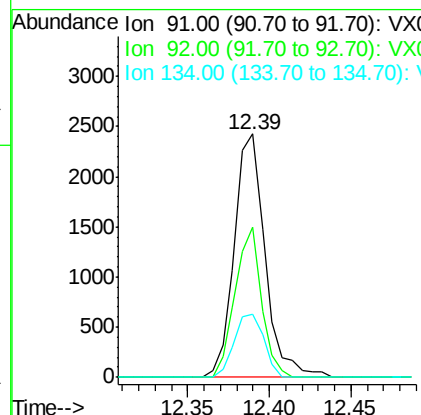
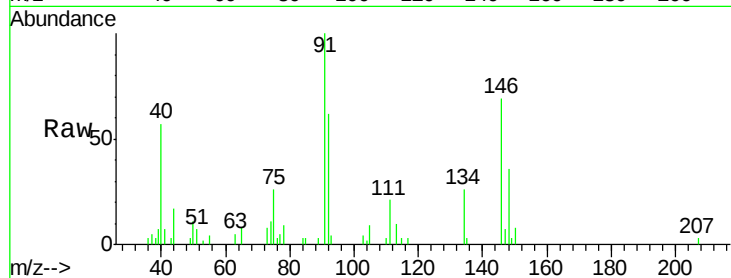




#89
n-Butylbenzene
Concen: 0.348 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

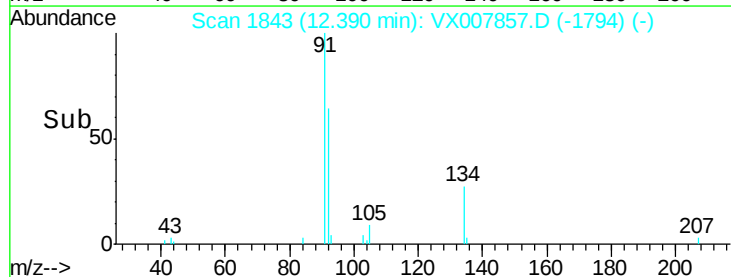
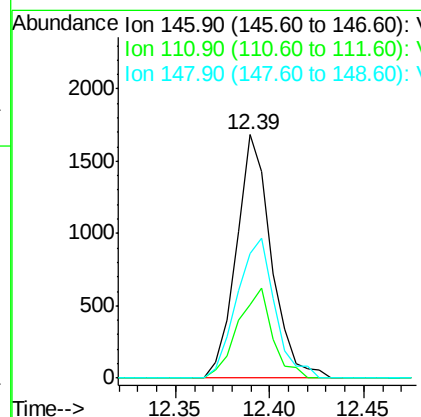
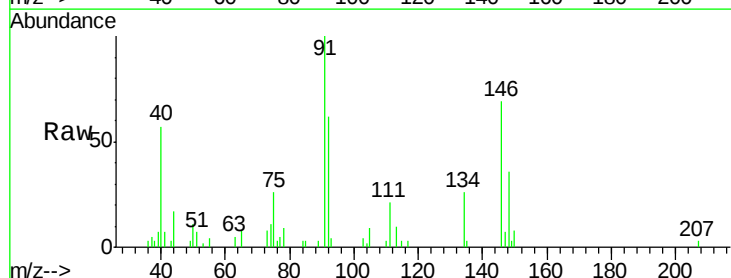
Instrument :
MSVOA_X
ClientSampled :
IBLK

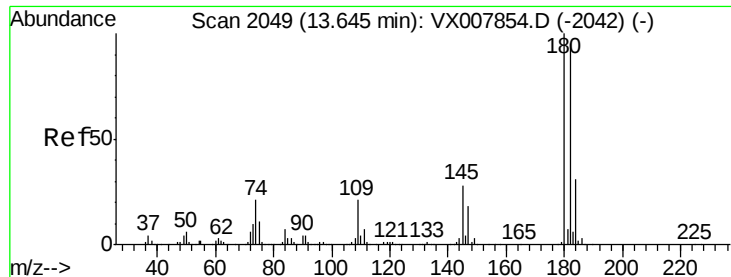
Tgt Ion: 91 Resp: 3185
Ion Ratio Lower Upper
91 100
92 52.7 27.0 80.8
134 24.8 13.7 41.0



#91
1,2-Dichlorobenzene
Concen: 0.363 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

Tgt Ion: 146 Resp: 2161
Ion Ratio Lower Upper
146 100
111 36.5 19.6 58.8
148 62.4 31.9 95.5

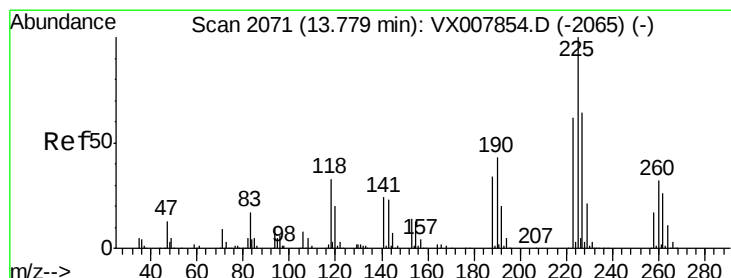
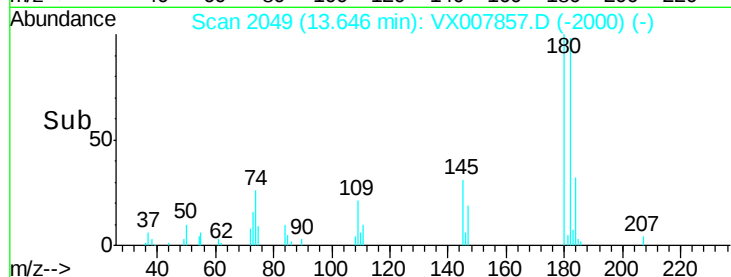
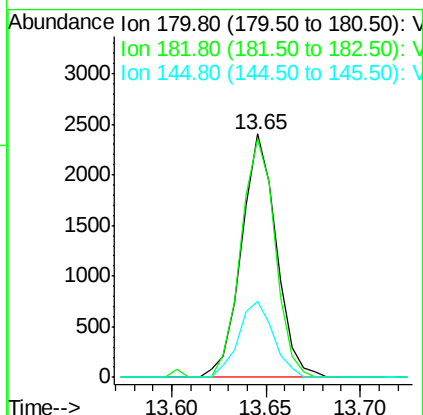
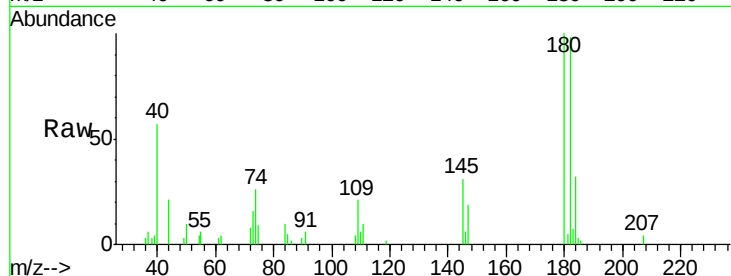




#93
 1,2,4-Trichlorobenzene
 Concen: 0.739 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

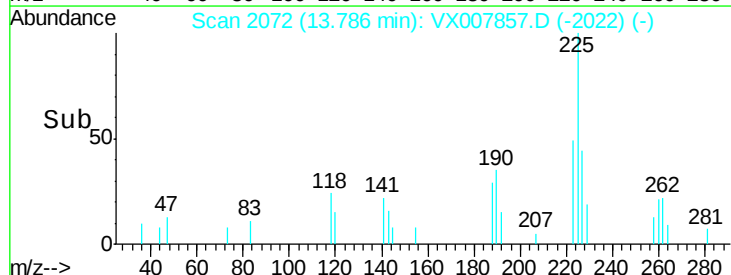
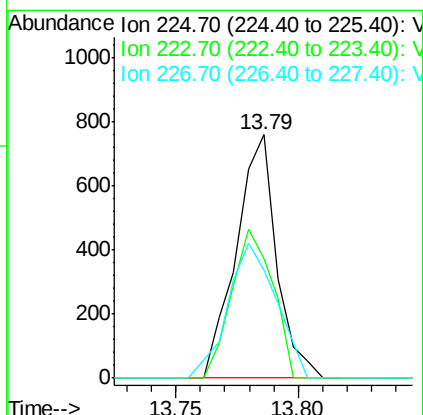
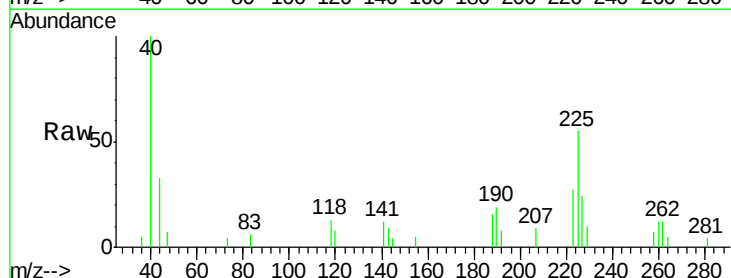
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

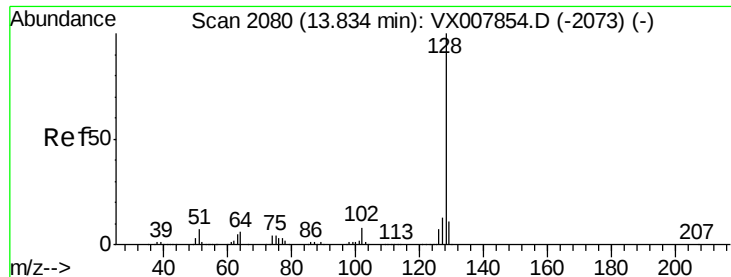
Tgt Ion:180 Resp: 3096
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.7
 145 31.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 0.398 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX007857.D
 Acq: 06 Mar 2019 12:20

Tgt Ion:225 Resp: 871
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.2
 227 65.9 32.0 96.0

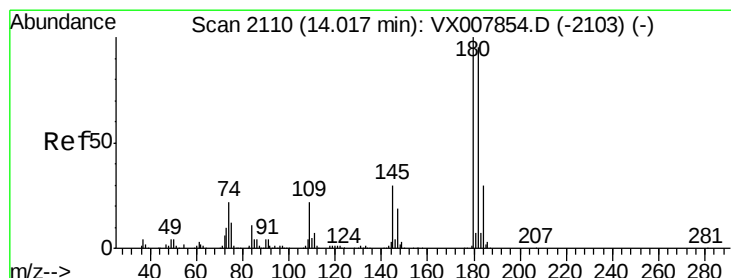
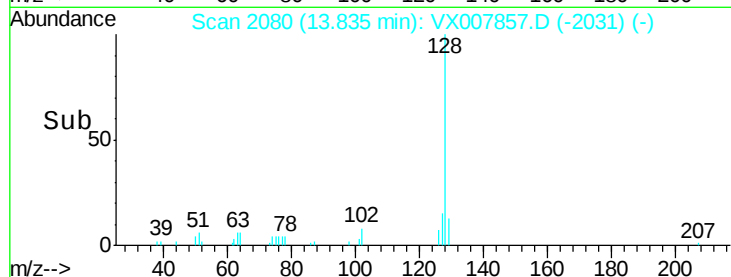
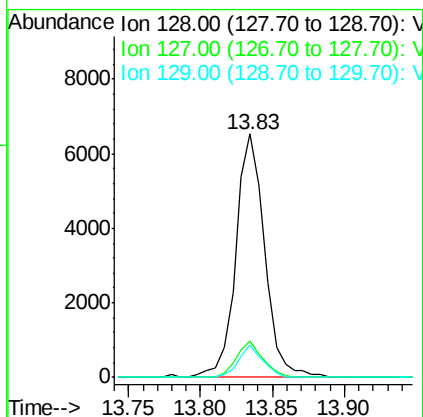
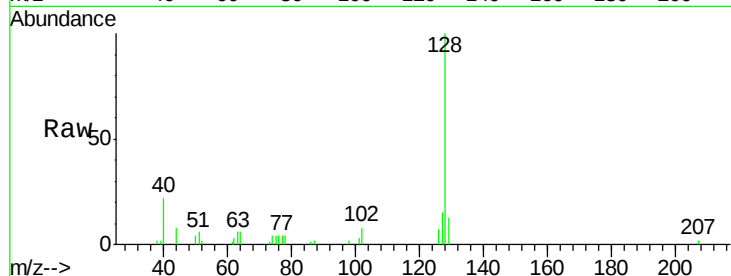




#95
Naphthalene
Concen: 0.753 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 9085
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.716 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX007857.D
Acq: 06 Mar 2019 12:20

Tgt Ion:180 Resp: 2988
Ion Ratio Lower Upper
180 100
182 97.9 47.5 142.5
145 30.5 14.8 44.3

