

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
 Data File : VX000459.D
 Acq On : 27 Mar 2018 15:21
 Operator : JC/MD
 Sample : VX0327WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Quant Time: Mar 28 06:51:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	144717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	232297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	244523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	140295	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	96625	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	5.51	113	76112	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	8.73	98	305515	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.15	95	120537	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	36578	22.93	ug/l	98
3) Chloromethane	1.32	50	33604	20.00	ug/l	94
4) Vinyl Chloride	1.40	62	40532	22.83	ug/l	96
5) Bromomethane	1.64	94	30993	14.61	ug/l	99
6) Chloroethane	1.73	64	25435	25.28	ug/l	94
7) Trichlorofluoromethane	1.93	101	69247	21.61	ug/l	99
8) Diethyl Ether	2.19	74	25733	22.47	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39878	22.32	ug/l	98
10) Methyl Iodide	2.52	142	23780	16.56	ug/l	95
11) Tert butyl alcohol	3.07	59	75299	115.88	ug/l	100
12) 1,1-Dichloroethene	2.38	96	35017	22.32	ug/l	95
13) Acrolein	2.29	56	22254	115.59	ug/l	97
14) Allyl chloride	2.73	41	63257	22.78	ug/l	97
15) Acrylonitrile	3.15	53	145775	110.77	ug/l	99
16) Acetone	2.45	43	177838	113.17	ug/l	99
17) Carbon Disulfide	2.57	76	94662	22.69	ug/l	99
18) Methyl Acetate	2.78	43	74263	22.54	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	132355	22.81	ug/l	100
20) Methylene Chloride	2.86	84	39577	21.80	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	37718	21.56	ug/l	95
22) Diisopropyl ether	3.88	45	123973	25.28	ug/l	95
23) Vinyl Acetate	3.83	43	600540	129.19	ug/l	98
24) 1,1-Dichloroethane	3.70	63	70704	22.93	ug/l	99
25) 2-Butanone	4.71	43	195166	110.49	ug/l	96
26) 2,2-Dichloropropane	4.60	77	45360	20.99	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	36181	22.12	ug/l	97
28) Bromochloromethane	5.03	49	25539	20.09	ug/l	96
29) Tetrahydrofuran	5.18	42	116899	107.56	ug/l	99
30) Chloroform	5.23	83	63874	22.11	ug/l	96
31) Cyclohexane	5.58	56	51308	21.53	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	56589	21.71	ug/l	98
36) 1,1-Dichloropropene	5.81	75	45985	21.13	ug/l	97
37) Ethyl Acetate	4.87	43	65196	21.93	ug/l	99
38) Carbon Tetrachloride	5.79	117	48036	21.04	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	59512	22.49	ug/l	97
40) Benzene	6.15	78	138798	21.97	ug/l	99
41) Methacrylonitrile	5.07	41	34031	21.72	ug/l	99
42) 1,2-Dichloroethane	6.20	62	55871	22.53	ug/l	97
43) Isopropyl Acetate	6.48	43	97862	22.12	ug/l	99
44) Trichloroethene	7.22	130	39640	21.90	ug/l	99
45) 1,2-Dichloropropane	7.53	63	36521	22.58	ug/l	92
46) Dibromomethane	7.67	93	28226	22.23	ug/l	98
47) Bromodichloromethane	7.91	83	51814	23.20	ug/l	98
48) Methyl methacrylate	7.79	41	49095	22.86	ug/l	97
49) 1,4-Dioxane	7.76	88	20382	451.43	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	395374	115.45	ug/l	98
52) Toluene	8.79	92	99096	22.43	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	58500	22.60	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	59512	23.70	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	42460	23.37	ug/l	98
56) Ethyl methacrylate	9.19	69	62195	22.59	ug/l	98
57) 1,3-Dichloropropane	9.38	76	68674	23.63	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	140103	106.04	ug/l	99
59) 2-Hexanone	9.51	43	338209	116.31	ug/l	98
60) Dibromochloromethane	9.59	129	43178	22.55	ug/l	98
61) 1,2-Dibromoethane	9.68	107	45905	23.56	ug/l	98
64) Tetrachloroethene	9.34	164	40724	21.46	ug/l	92
65) Chlorobenzene	10.15	112	115792	21.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	40607	21.97	ug/l	99
67) Ethyl Benzene	10.26	91	201610	21.86	ug/l	98
68) m/p-Xylenes	10.37	106	158584	43.69	ug/l	99
69) o-Xylene	10.71	106	75521	21.49	ug/l	98
70) Styrene	10.72	104	125032	21.50	ug/l	100
71) Bromoform	10.87	173	33821	20.66	ug/l #	97
73) Isopropylbenzene	11.02	105	206366	22.20	ug/l	100
74) N-amyl acetate	6.48	43	97862	22.33	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74864	22.77	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	88337	29.30	ug/l	84
77) Bromobenzene	11.26	156	53654	21.67	ug/l	98
78) n-propylbenzene	11.37	91	249751	22.53	ug/l	98
79) 2-Chlorotoluene	11.43	91	137350	21.45	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	172976	22.13	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	19930	21.40	ug/l	91
82) 4-Chlorotoluene	11.52	91	168611	22.05	ug/l	99
83) tert-Butylbenzene	11.78	119	172480	21.88	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	181374	22.13	ug/l	100
85) sec-Butylbenzene	11.96	105	216216	22.17	ug/l	100
86) p-Isopropyltoluene	12.07	119	194682	22.47	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	99619	21.28	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	105702	21.50	ug/l	98
89) n-Butylbenzene	12.40	91	183976	22.81	ug/l	99
90) Hexachloroethane	12.60	117	29430	21.58	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	100858	21.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20548	22.41	ug/l	96

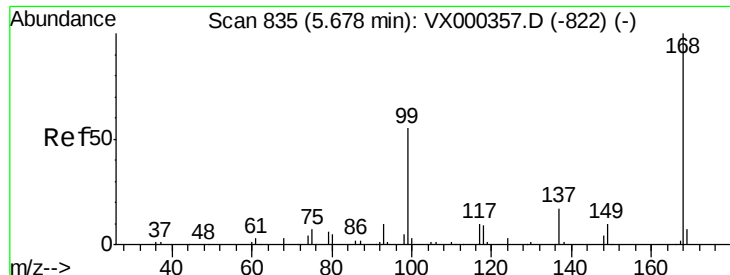
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	73838	22.44	ug/l	98
94) Hexachlorobutadiene	13.79	225	32330	23.73	ug/l	98
95) Naphthalene	13.84	128	263373	22.98	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	77106	23.71	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

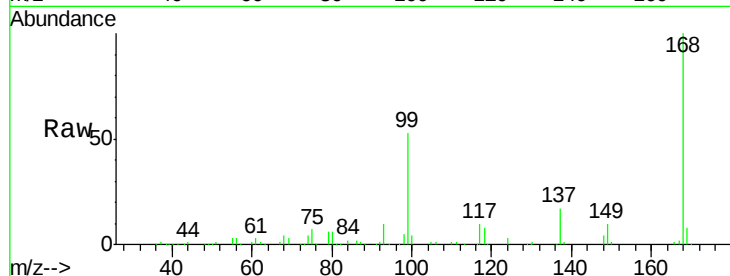
VX0327WBS01

Tgt Ion:168 Resp: 144717

Ion Ratio Lower Upper

168 100

99 52.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

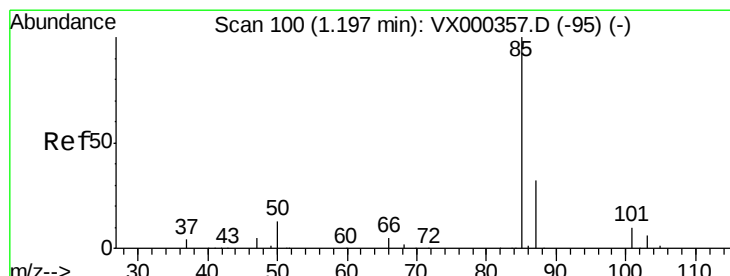
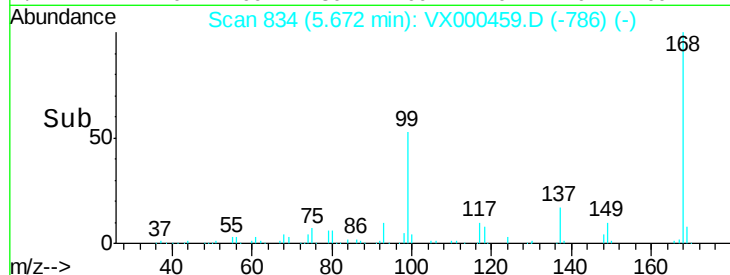
20000

10000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.93 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000459.D

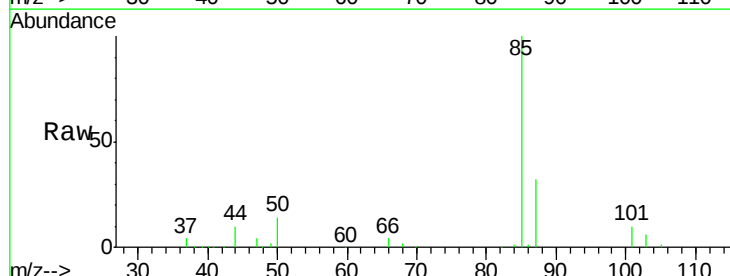
Acq: 27 Mar 2018 15:21

Tgt Ion: 85 Resp: 36578

Ion Ratio Lower Upper

85 100

87 32.1 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

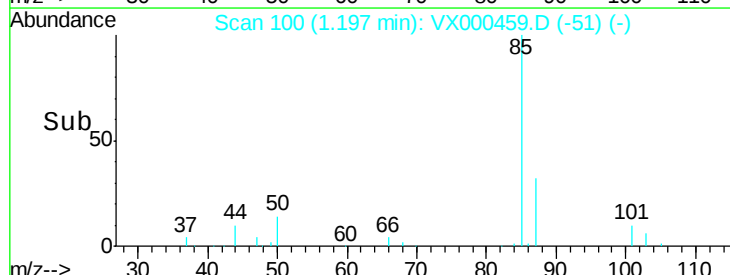
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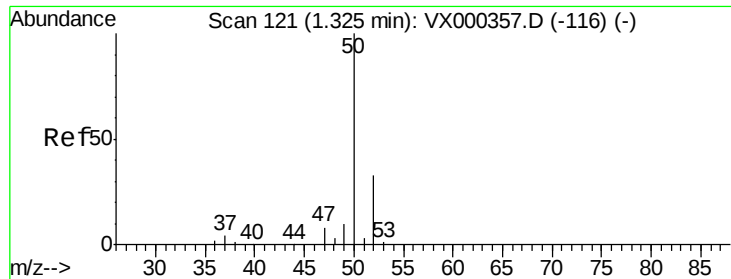
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 20.00 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

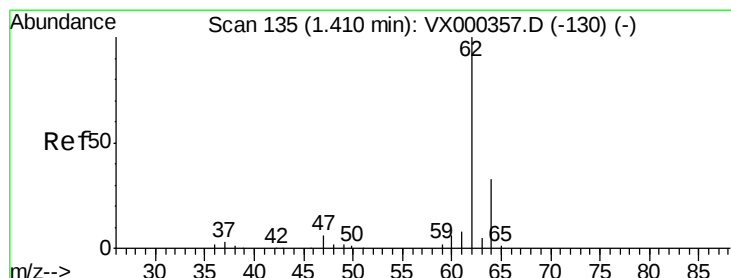
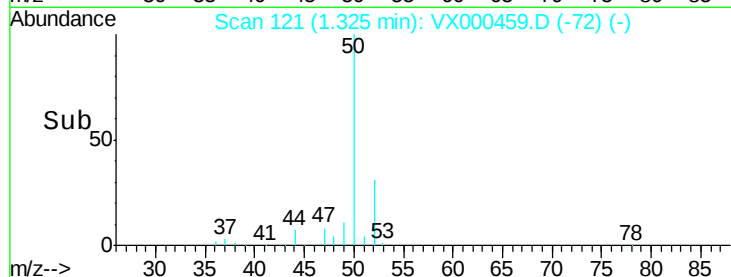
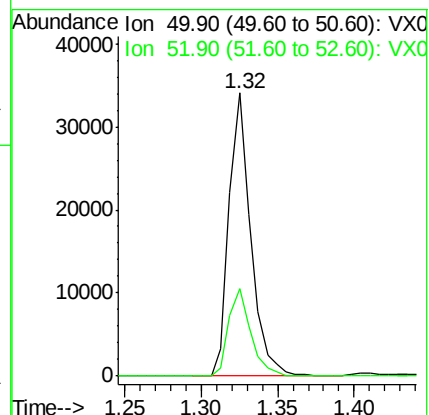
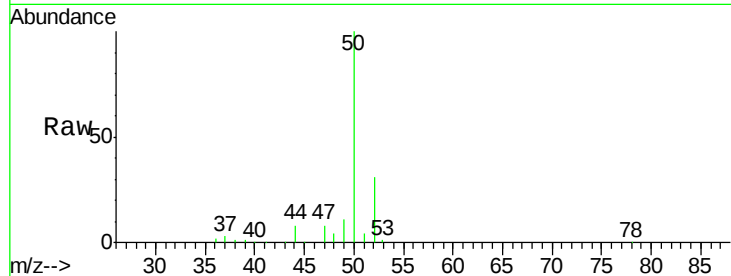
VX0327WBS01

Tgt Ion: 50 Resp: 33604

Ion Ratio Lower Upper

50 100

52 30.9 27.5 41.3



#4

Vinyl Chloride

Concen: 22.83 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000459.D

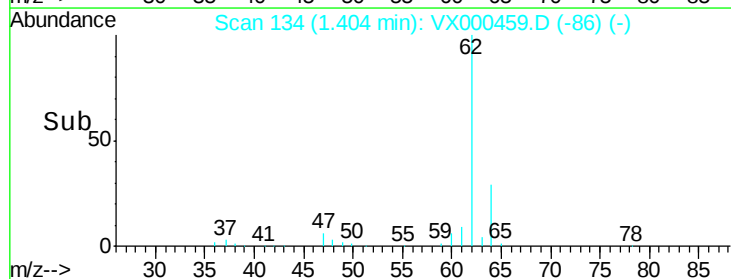
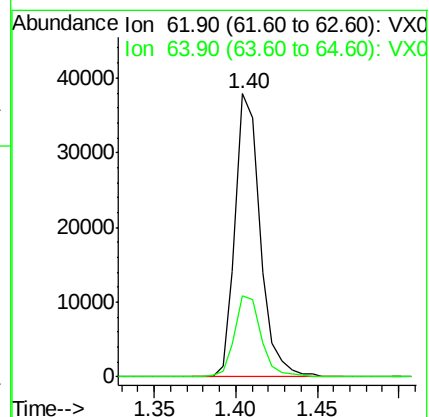
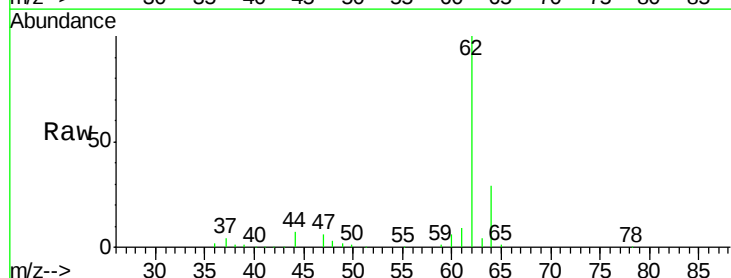
Acq: 27 Mar 2018 15:21

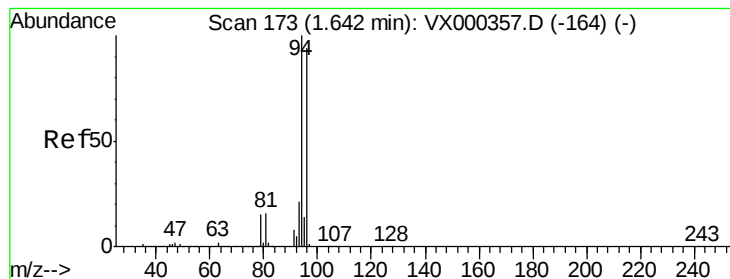
Tgt Ion: 62 Resp: 40532

Ion Ratio Lower Upper

62 100

64 28.7 24.8 37.2





#5

Bromomethane

Concen: 14.61 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

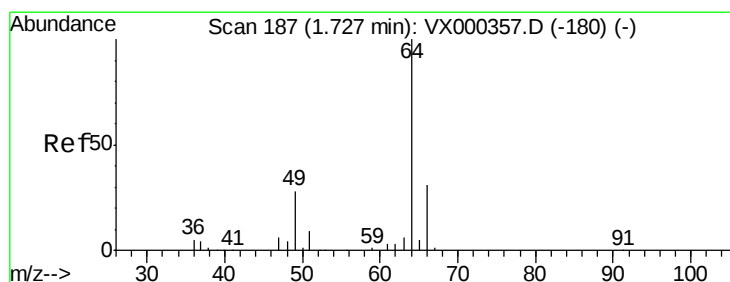
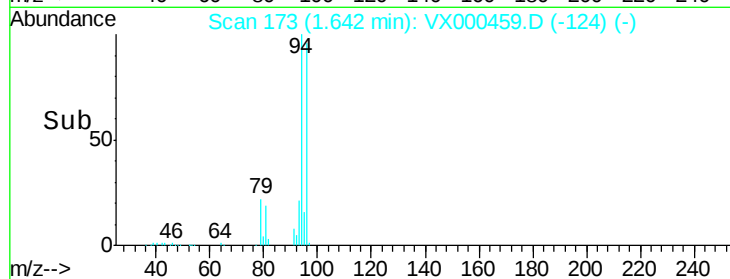
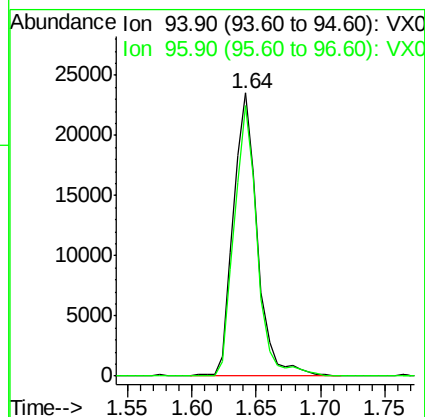
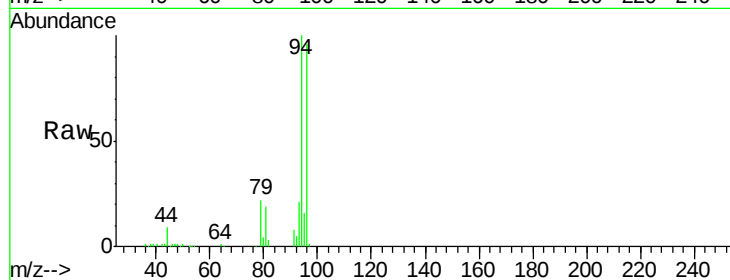
VX0327WBS01

Tgt Ion: 94 Resp: 30993

Ion Ratio Lower Upper

94 100

96 95.8 77.7 116.5



#6

Chloroethane

Concen: 25.28 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000459.D

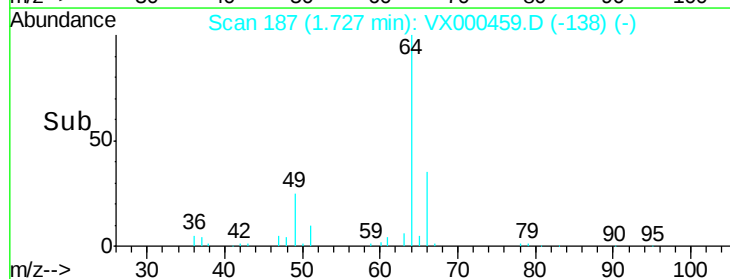
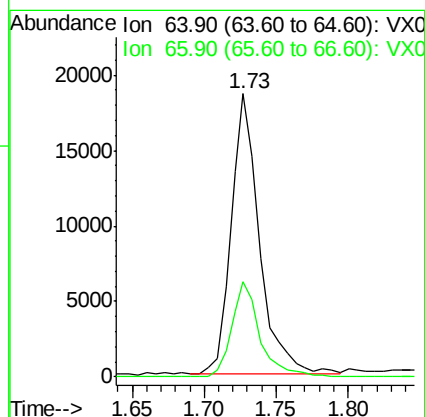
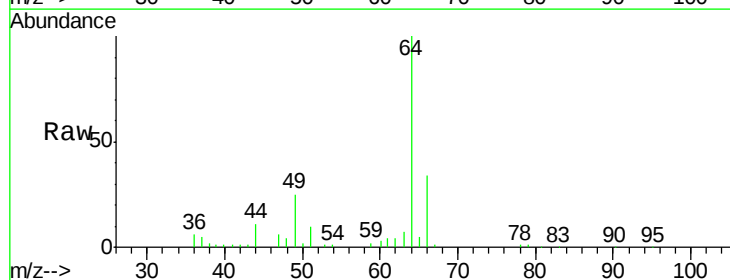
Acq: 27 Mar 2018 15:21

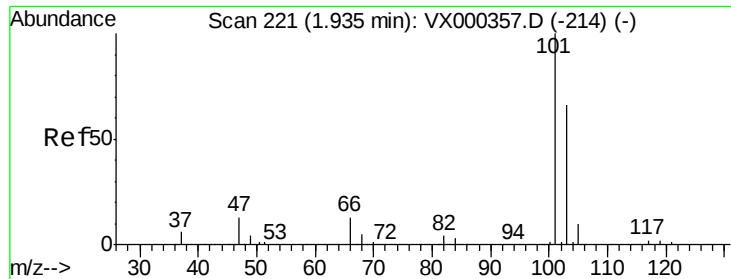
Tgt Ion: 64 Resp: 25435

Ion Ratio Lower Upper

64 100

66 34.2 24.8 37.2



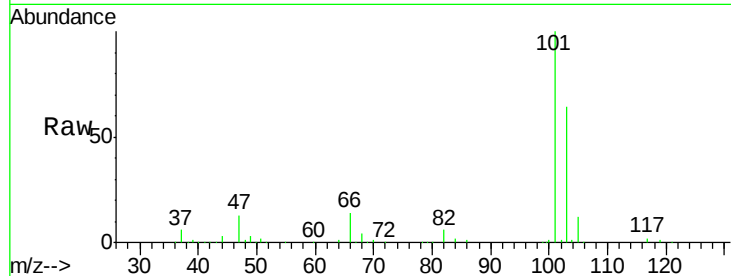


#7

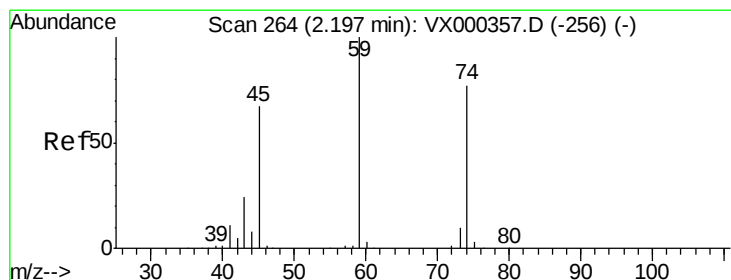
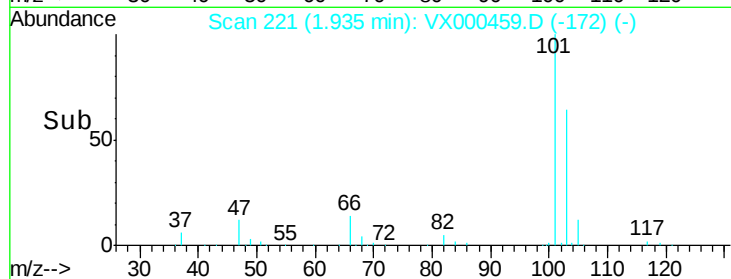
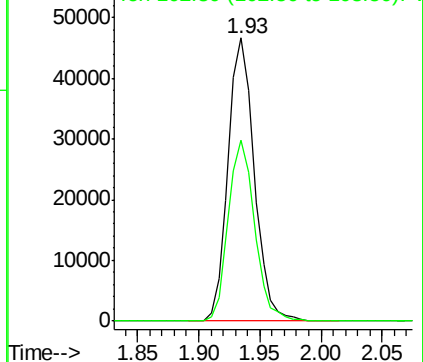
Trichlorofluoromethane
Concen: 21.61 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion:101 Resp: 69247
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4



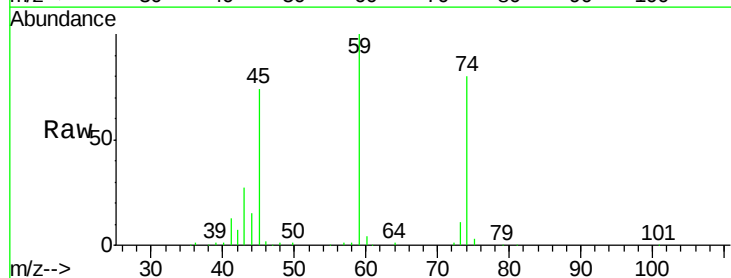
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



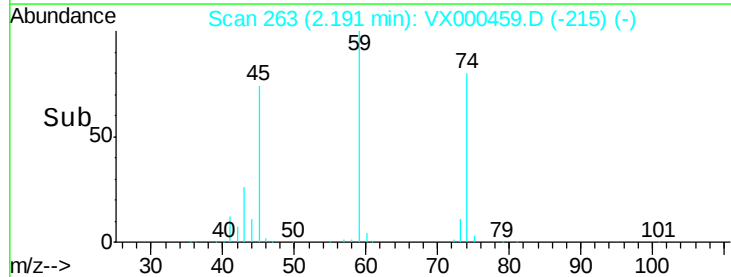
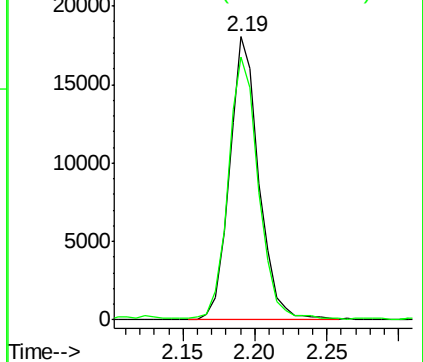
#8

Diethyl Ether
Concen: 22.47 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 74 Resp: 25733
Ion Ratio Lower Upper
74 100
45 94.6 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.32 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

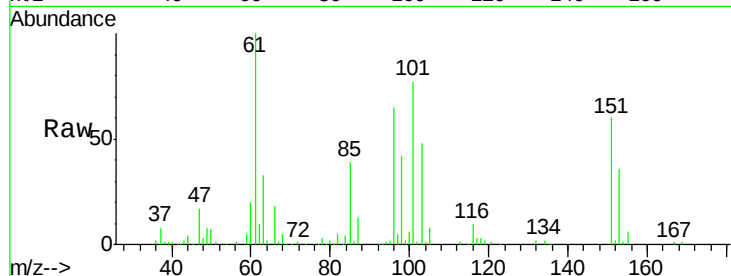
Tgt Ion:101 Resp: 39878

Ion Ratio Lower Upper

101 100

85 50.1 37.6 56.4

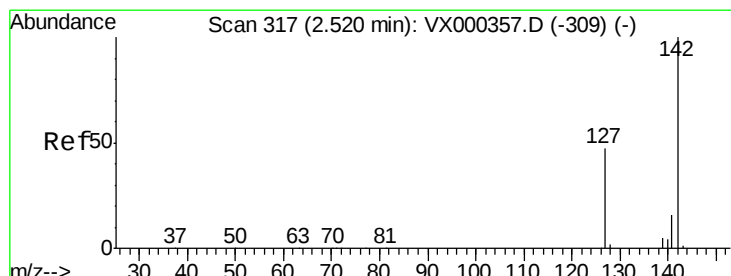
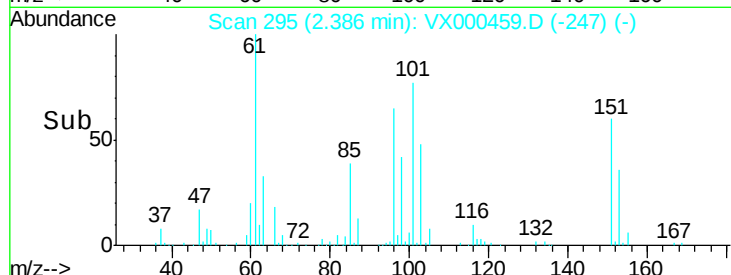
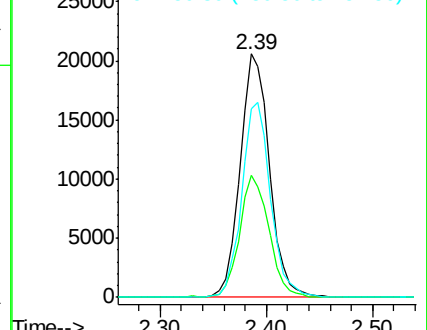
151 78.8 62.6 93.8



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: 16.56 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

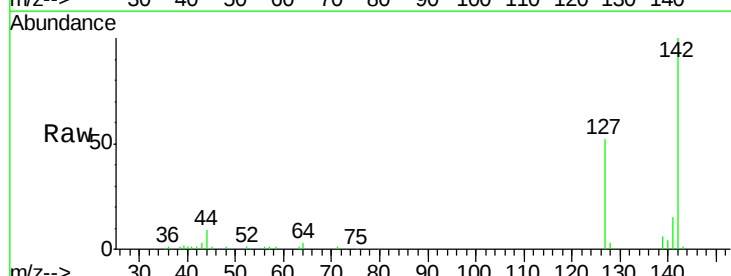
Tgt Ion:142 Resp: 23780

Ion Ratio Lower Upper

142 100

127 53.4 39.2 58.8

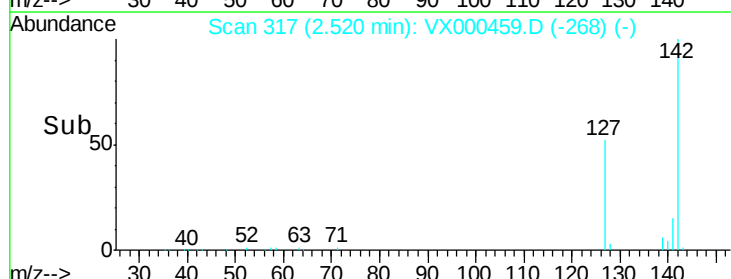
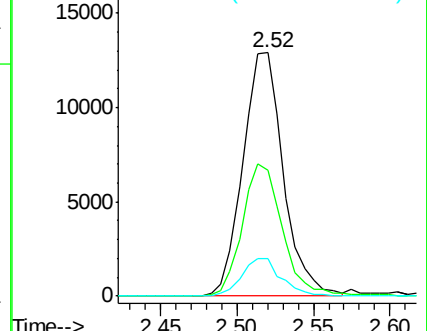
141 15.2 11.7 17.5

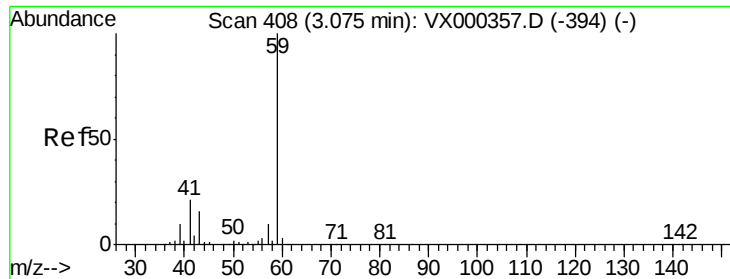


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

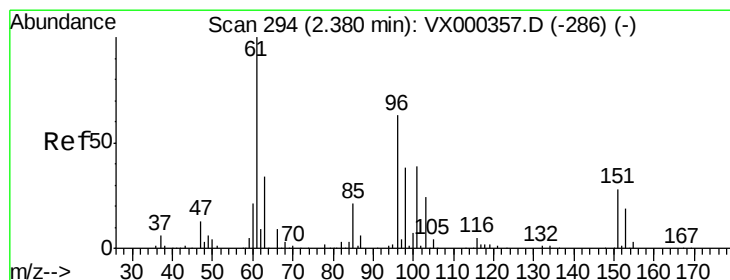
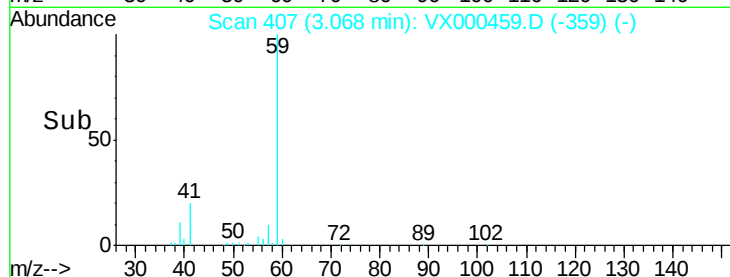
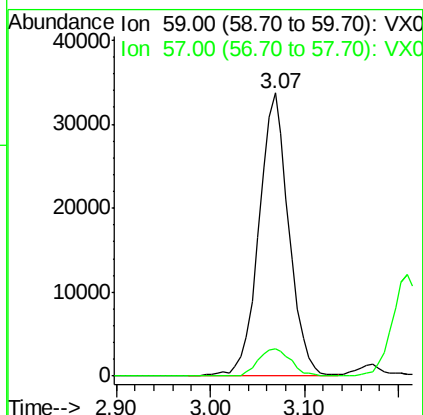
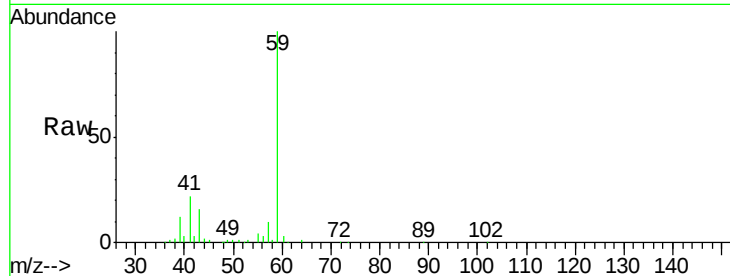




#11
Tert butyl alcohol
Concen: 115.88 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

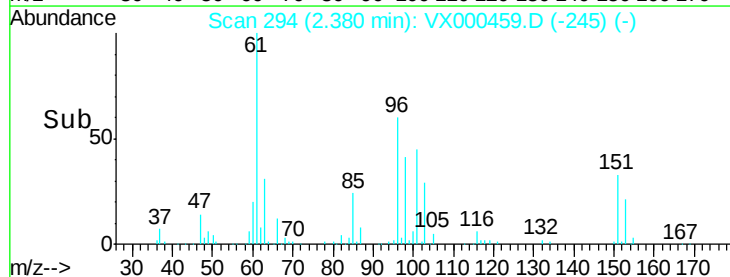
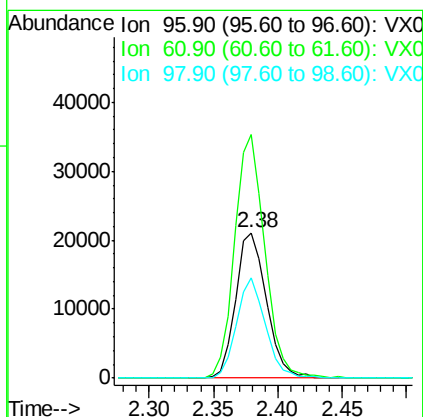
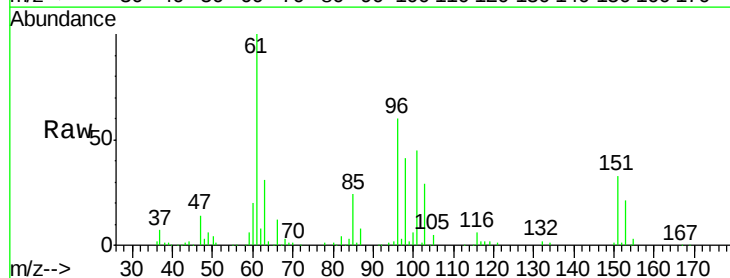
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

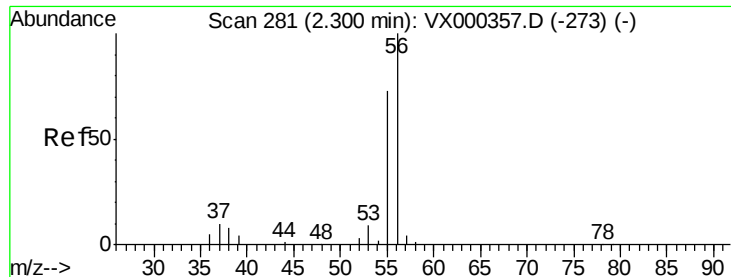
Tgt Ion: 59 Resp: 75299
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6



#12
1,1-Dichloroethene
Concen: 22.32 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 96 Resp: 35017
Ion Ratio Lower Upper
96 100
61 167.7 131.2 196.8
98 69.5 49.8 74.8





#13

Acrolein

Concen: 115.59 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

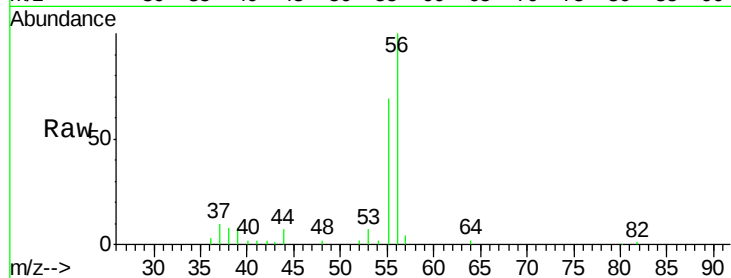
VX0327WBS01

Tgt Ion: 56 Resp: 22254

Ion Ratio Lower Upper

56 100

55 70.8 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

15000

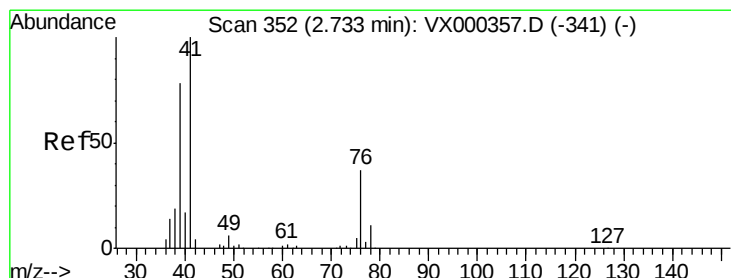
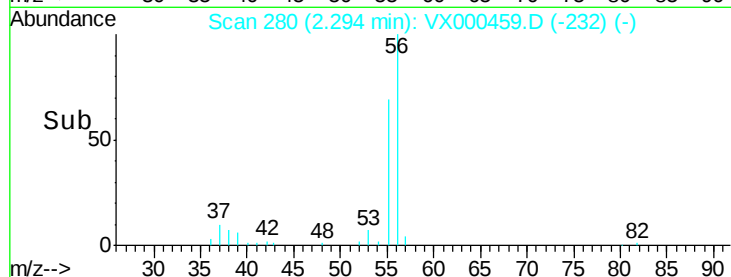
10000

5000

0

Time-->

2.25 2.30 2.35



#14

Allyl chloride

Concen: 22.78 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

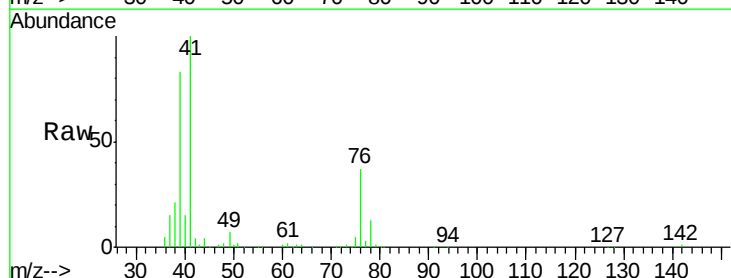
Tgt Ion: 41 Resp: 63257

Ion Ratio Lower Upper

41 100

39 74.7 57.6 86.4

76 33.5 27.3 40.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

40000

30000

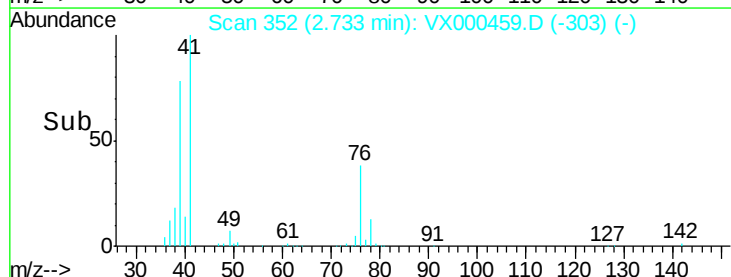
20000

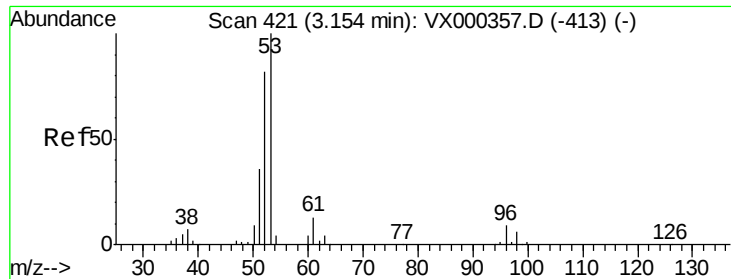
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 110.77 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

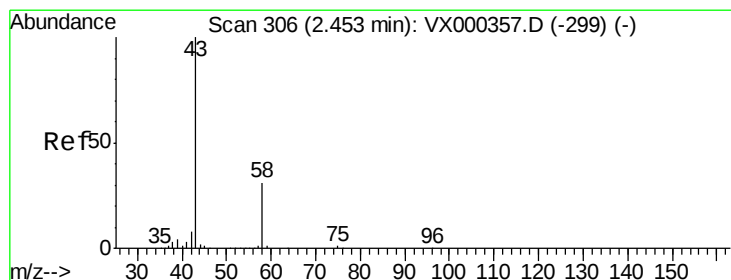
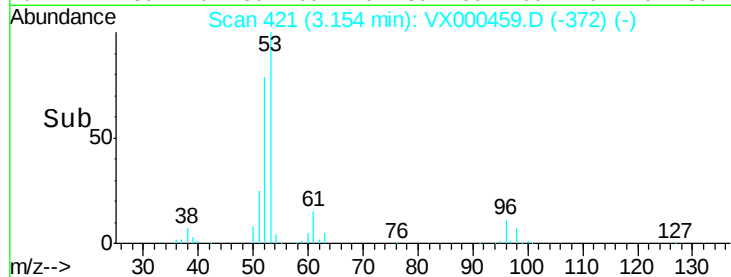
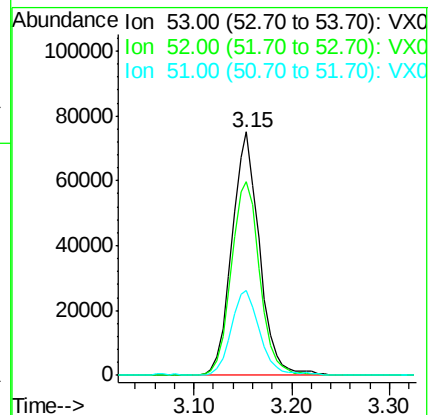
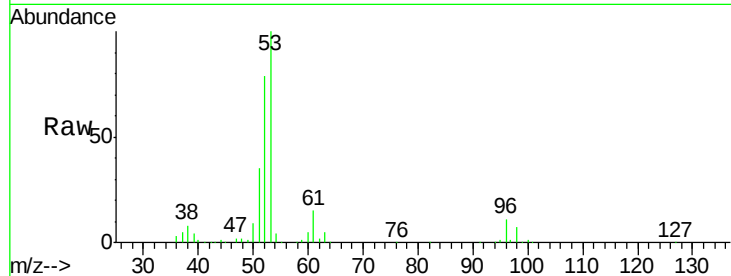
Tgt Ion: 53 Resp: 145775

Ion Ratio Lower Upper

53 100

52 82.6 66.6 99.8

51 37.1 29.3 43.9



#16

Acetone

Concen: 113.17 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000459.D

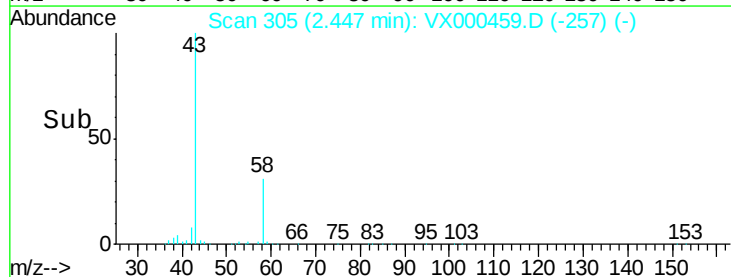
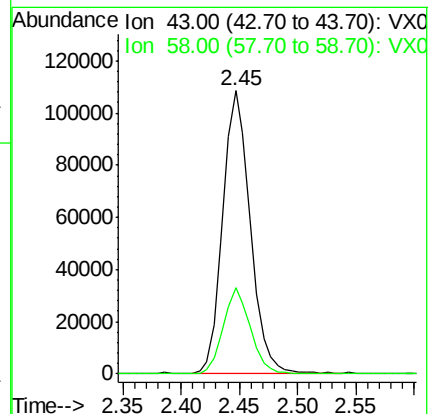
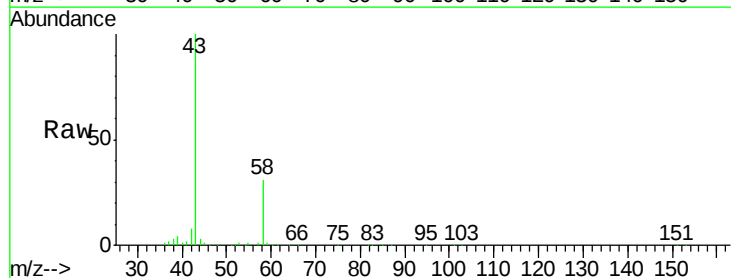
Acq: 27 Mar 2018 15:21

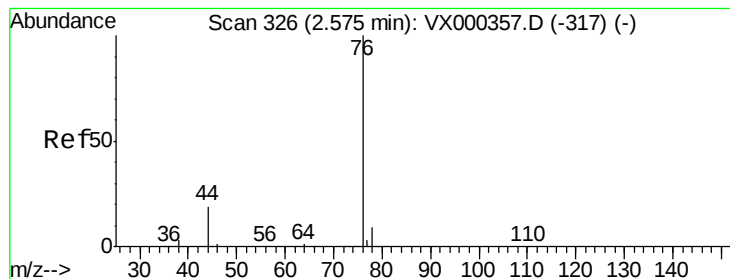
Tgt Ion: 43 Resp: 177838

Ion Ratio Lower Upper

43 100

58 30.5 24.7 37.1





#17

Carbon Disulfide

Concen: 22.69 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

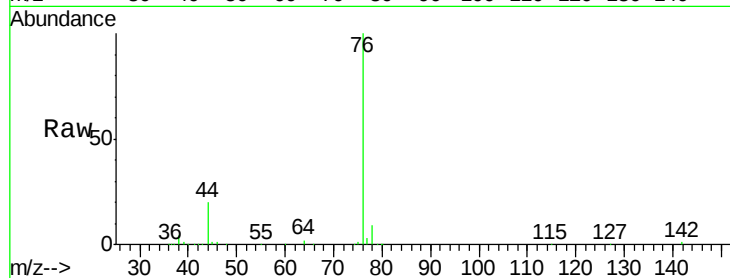
VX0327WBS01

Tgt Ion: 76 Resp: 94662

Ion Ratio Lower Upper

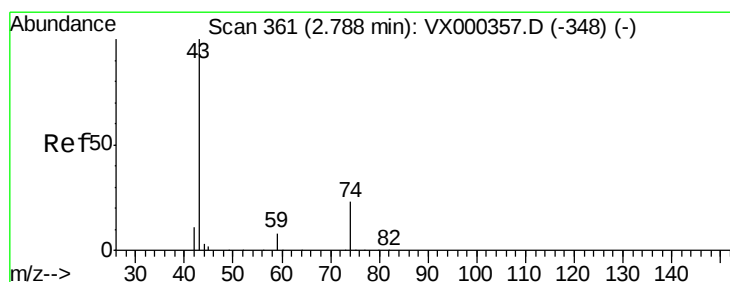
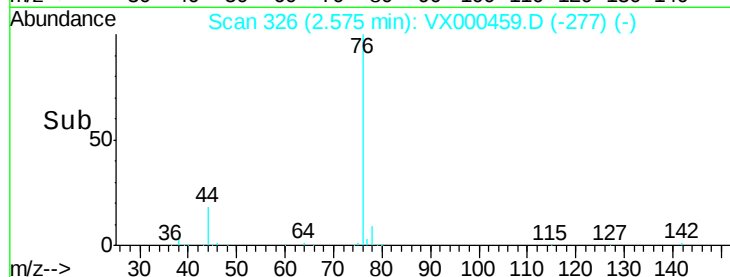
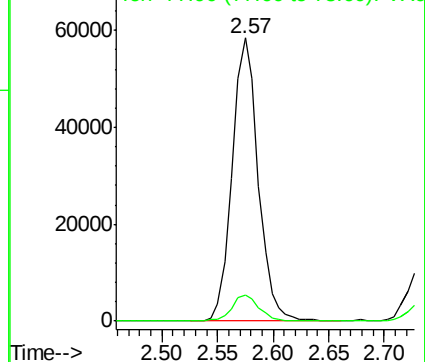
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.54 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000459.D

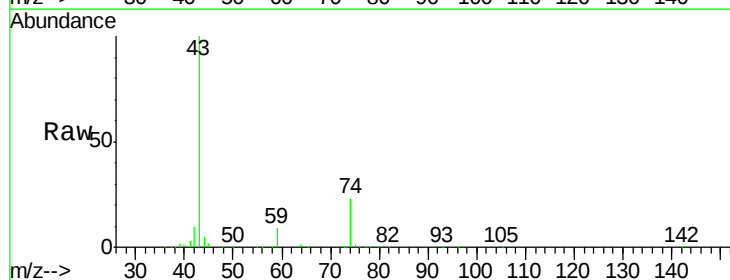
Acq: 27 Mar 2018 15:21

Tgt Ion: 43 Resp: 74263

Ion Ratio Lower Upper

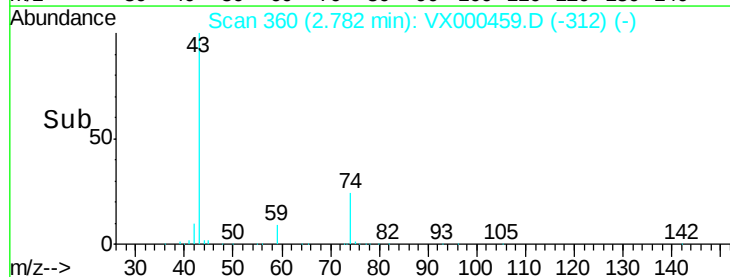
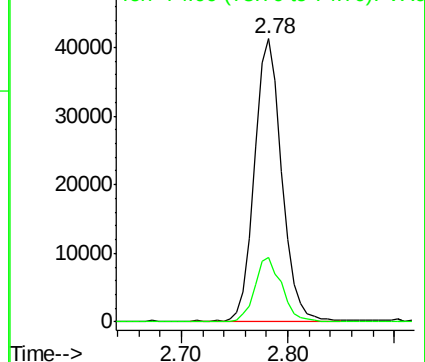
43 100

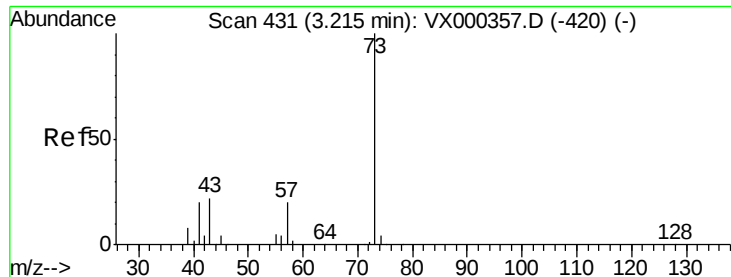
74 22.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

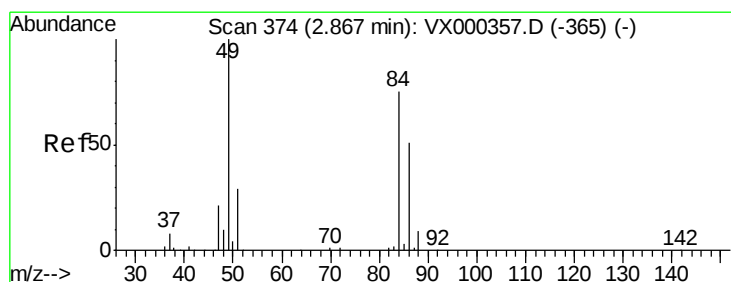
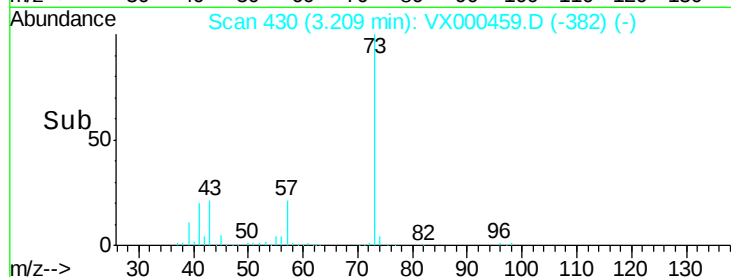
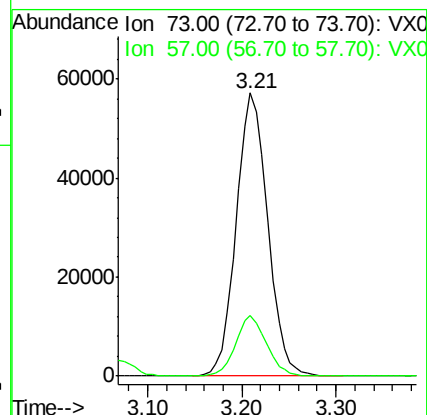
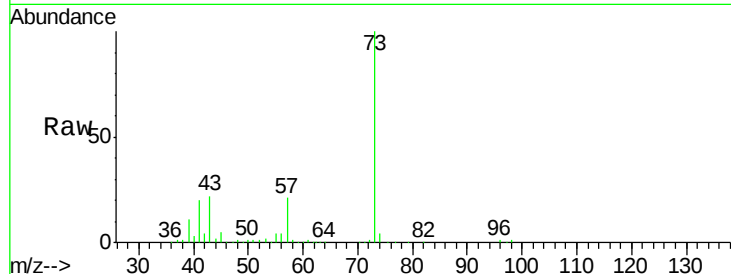




#19
Methyl tert-butyl Ether
Concen: 22.81 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

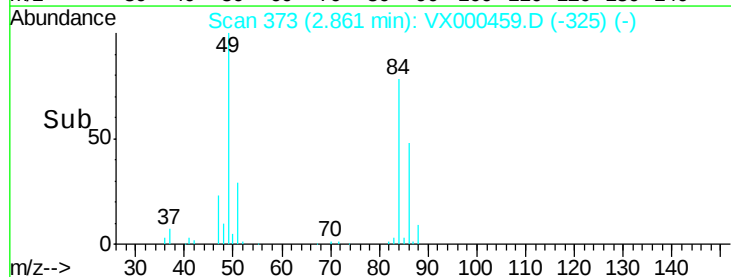
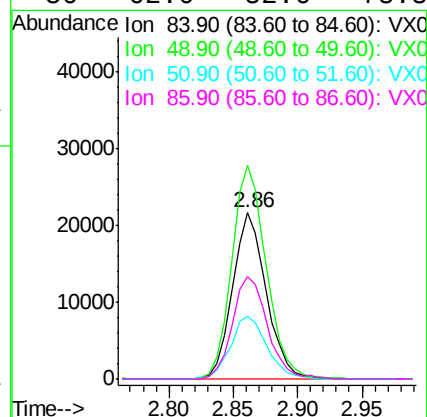
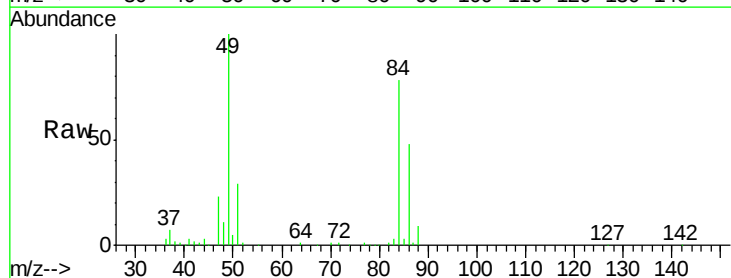
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

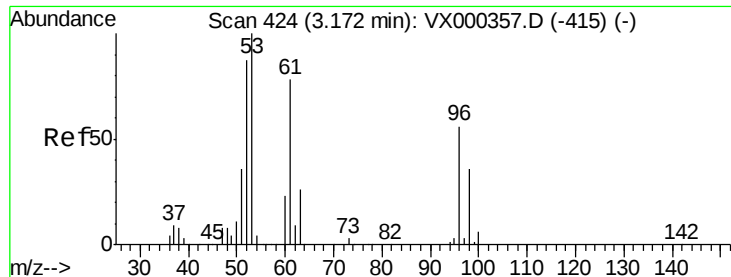
Tgt Ion: 73 Resp: 132355
Ion Ratio Lower Upper
73 100
57 21.3 17.2 25.8



#20
Methylene Chloride
Concen: 21.80 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 84 Resp: 39577
Ion Ratio Lower Upper
84 100
49 128.7 100.6 151.0
51 37.9 31.6 47.4
86 62.0 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 21.56 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

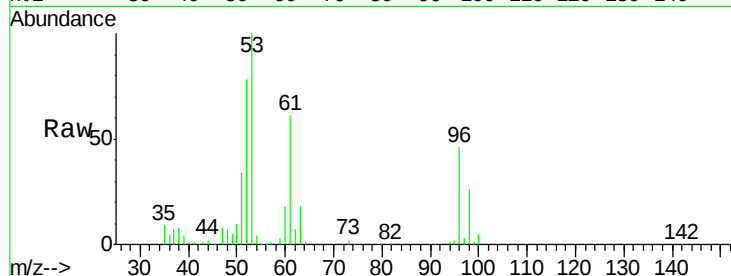
Tgt Ion: 96 Resp: 37718

Ion Ratio Lower Upper

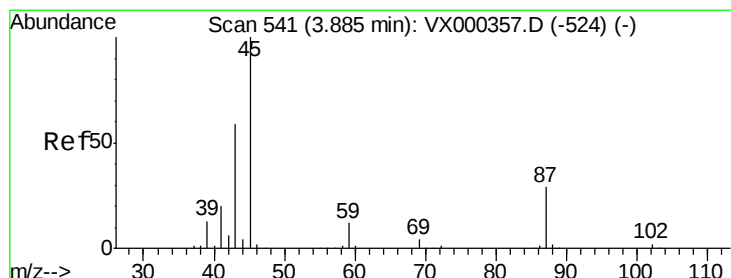
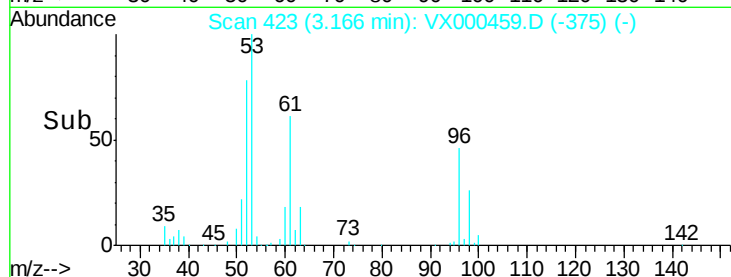
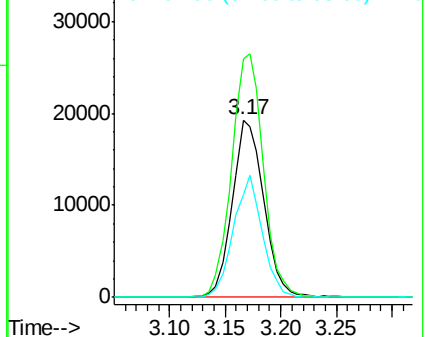
96 100

61 134.4 104.0 156.0

98 58.1 52.1 78.1



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



#22

Diisopropyl ether

Concen: 25.28 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Tgt Ion: 45 Resp: 123973

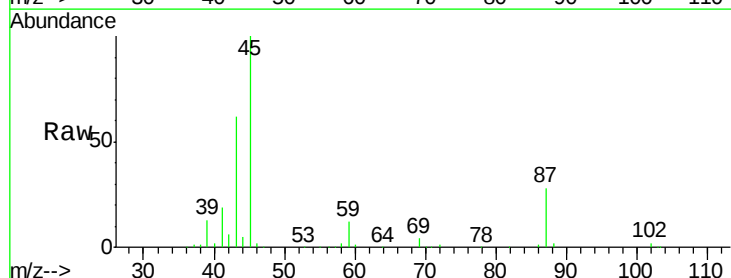
Ion Ratio Lower Upper

45 100

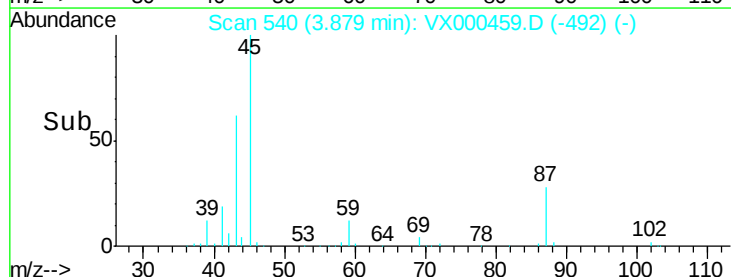
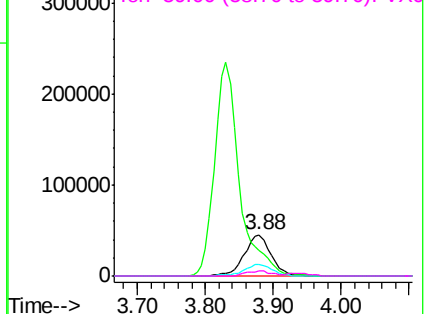
43 61.5 53.9 80.9

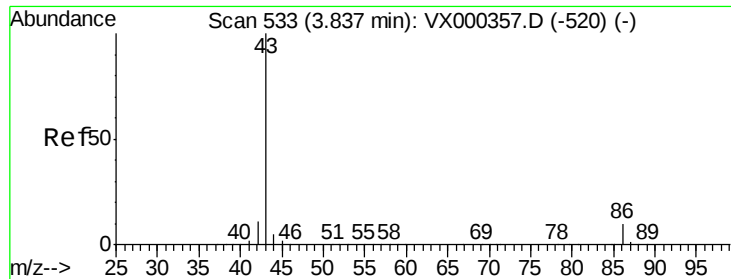
87 27.6 22.6 34.0

59 11.9 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 129.19 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampled :

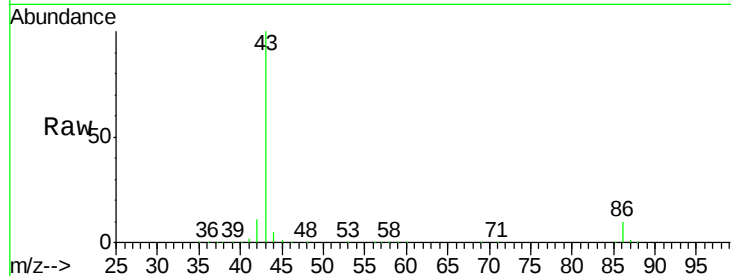
VX0327WBS01

Tgt Ion: 43 Resp: 600540

Ion Ratio Lower Upper

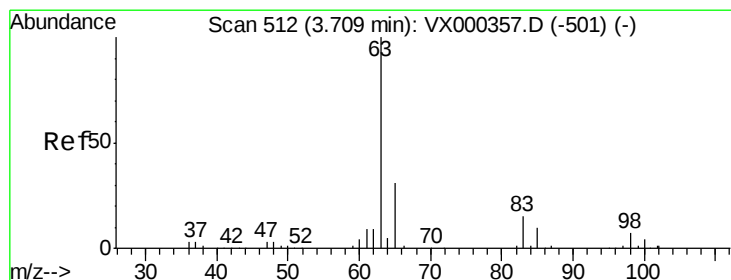
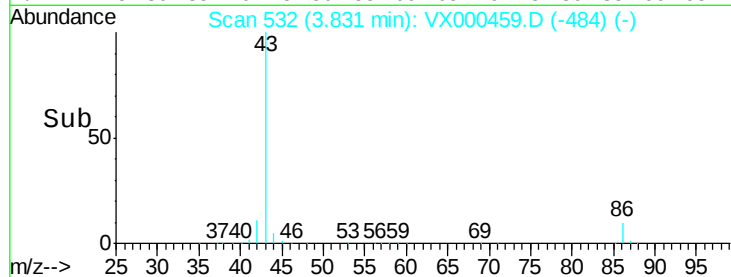
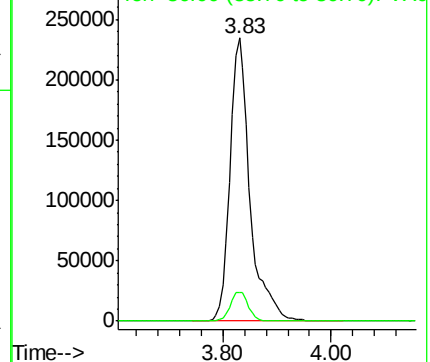
43 100

86 10.0 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 22.93 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

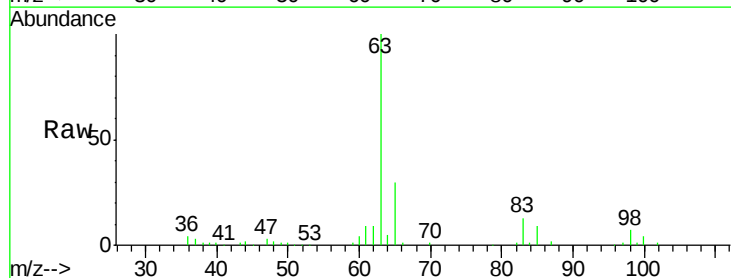
Tgt Ion: 63 Resp: 70704

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

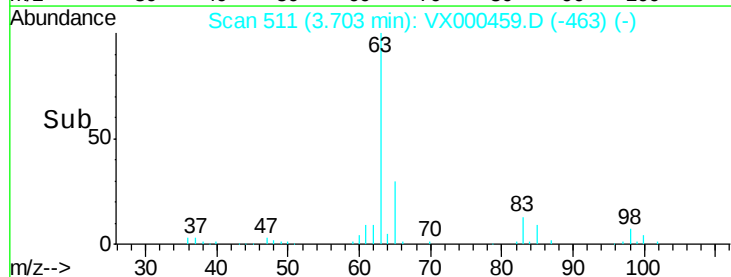
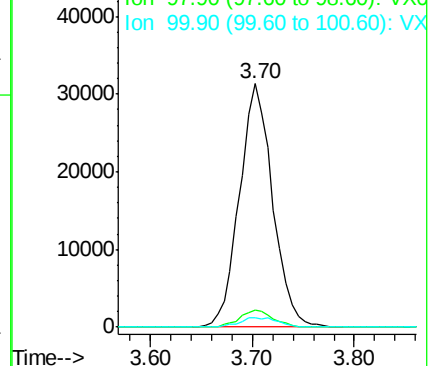
100 3.6 2.0 5.8

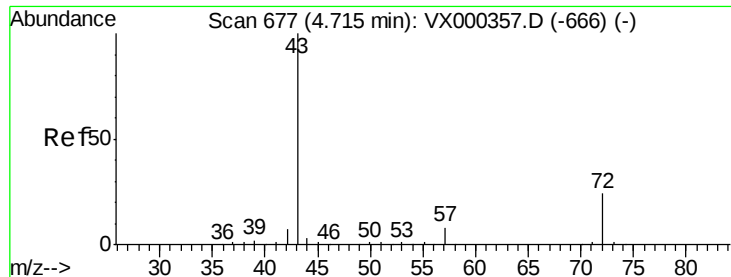


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 110.49 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

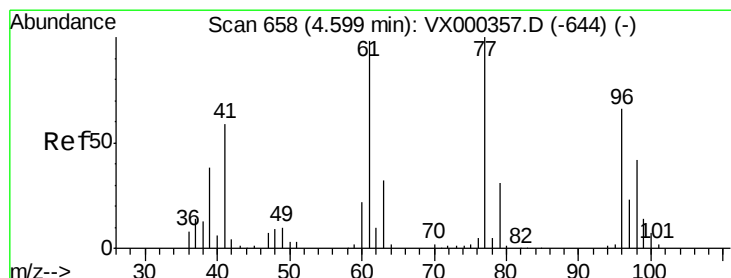
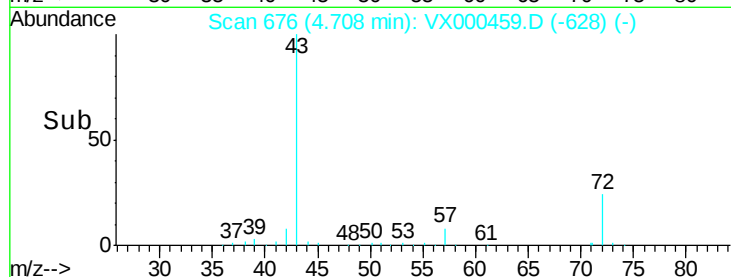
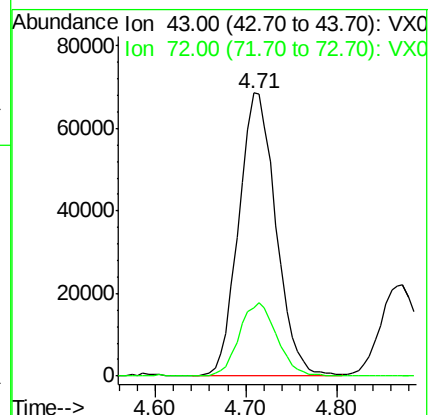
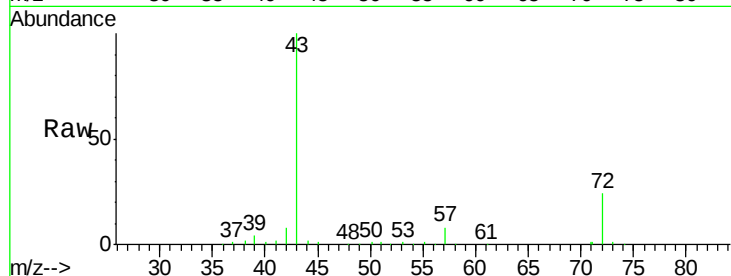
VX0327WBS01

Tgt Ion: 43 Resp: 195166

Ion Ratio Lower Upper

43 100

72 24.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.99 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000459.D

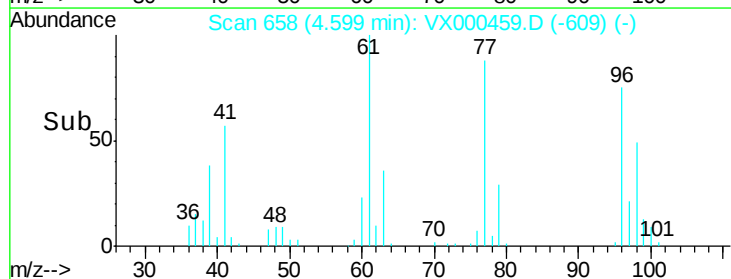
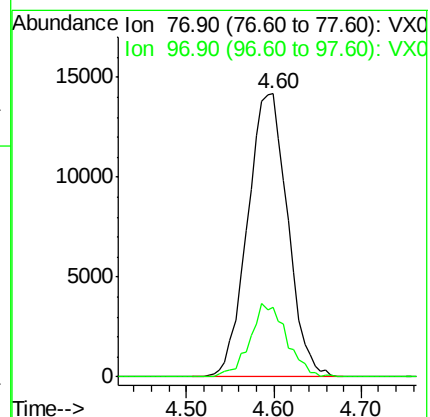
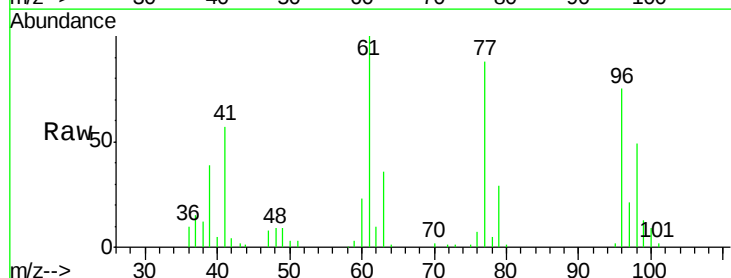
Acq: 27 Mar 2018 15:21

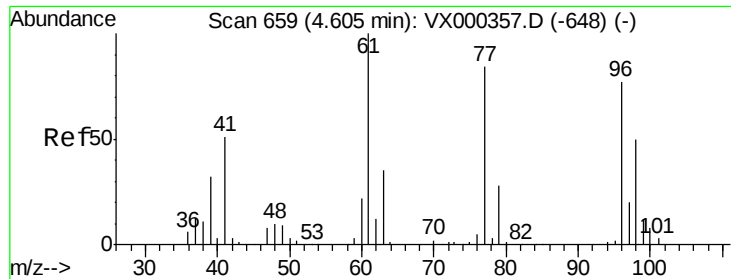
Tgt Ion: 77 Resp: 45360

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 22.12 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

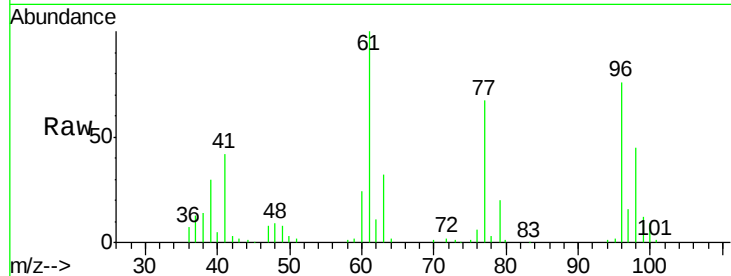
Tgt Ion: 96 Resp: 36181

Ion Ratio Lower Upper

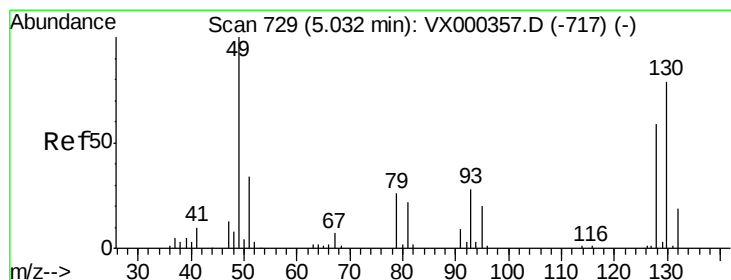
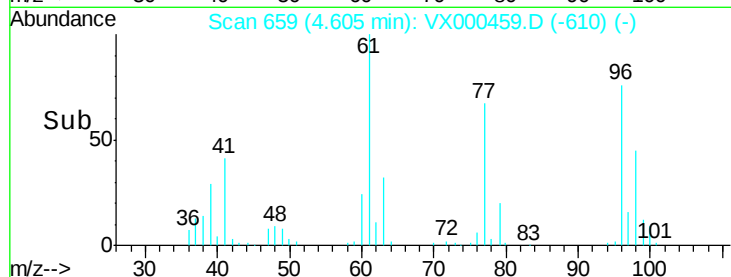
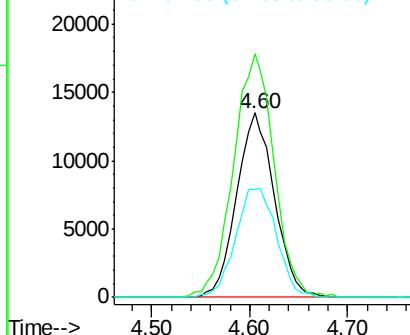
96 100

61 141.7 0.0 291.6

98 64.2 0.0 132.0



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



#28

Bromochloromethane

Concen: 20.09 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

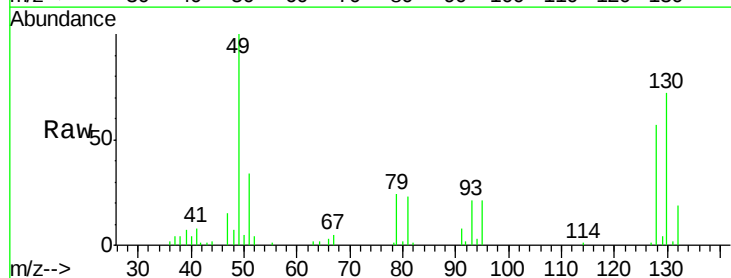
Tgt Ion: 49 Resp: 25539

Ion Ratio Lower Upper

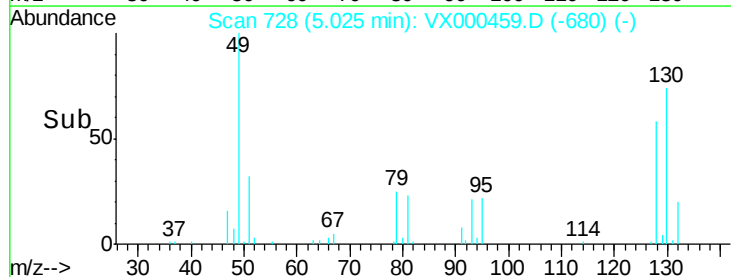
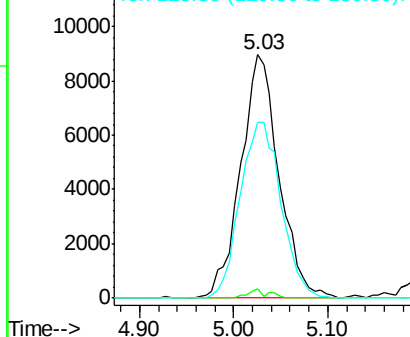
49 100

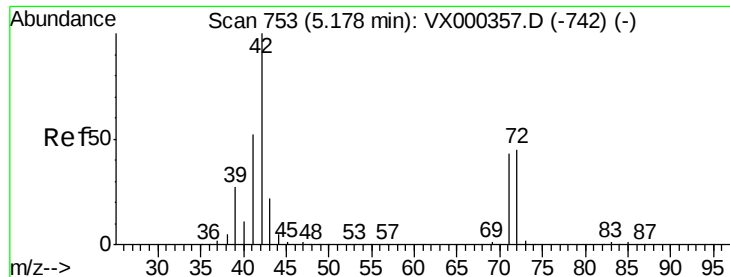
129 2.0 0.0 5.0

130 76.8 64.0 96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

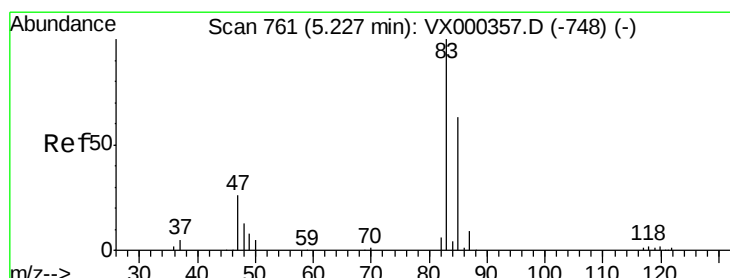
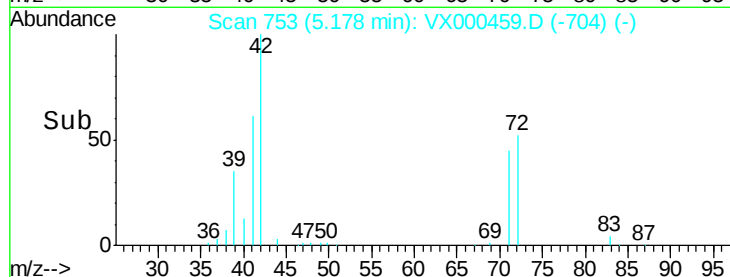
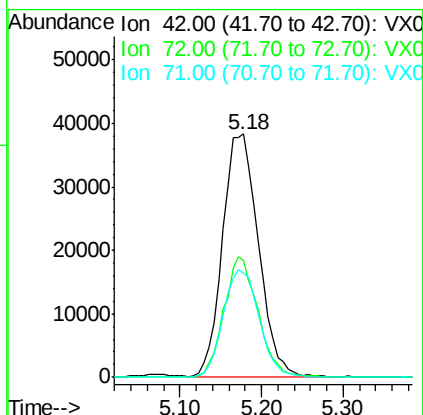
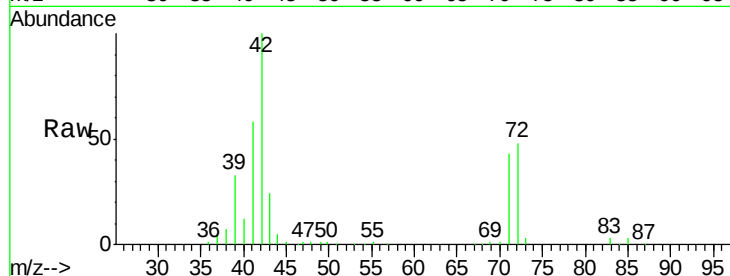




#29
Tetrahydrofuran
Concen: 107.56 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

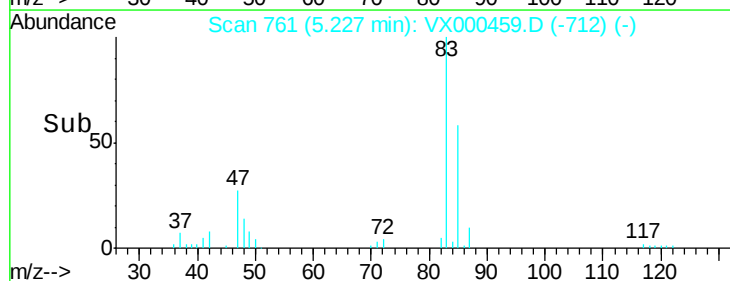
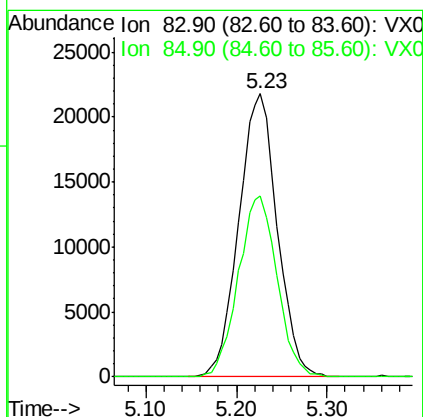
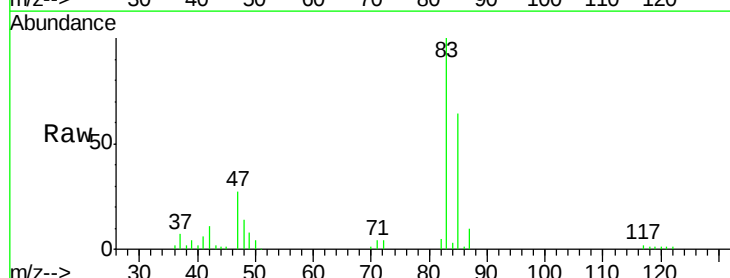
Instrument :
MSVOA_X
ClientSampled :
VX0327WBS01

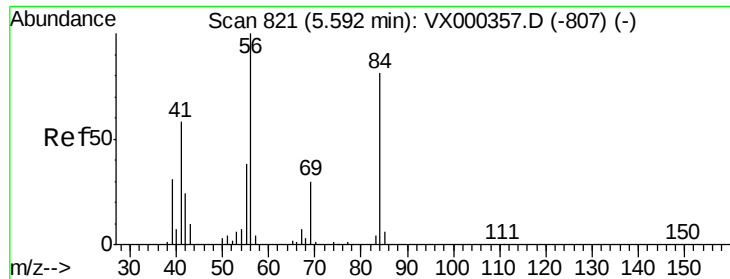
Tgt Ion: 42 Resp: 116899
Ion Ratio Lower Upper
42 100
72 47.1 37.9 56.9
71 44.3 34.4 51.6



#30
Chloroform
Concen: 22.11 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 83 Resp: 63874
Ion Ratio Lower Upper
83 100
85 63.7 53.3 79.9

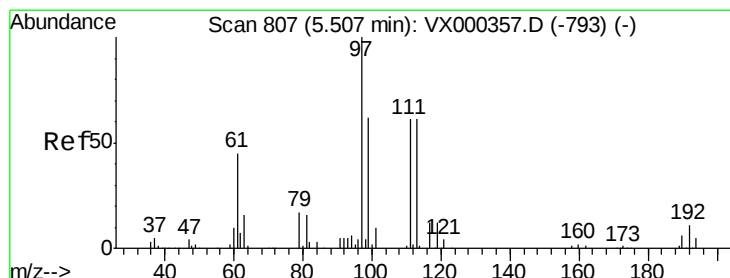
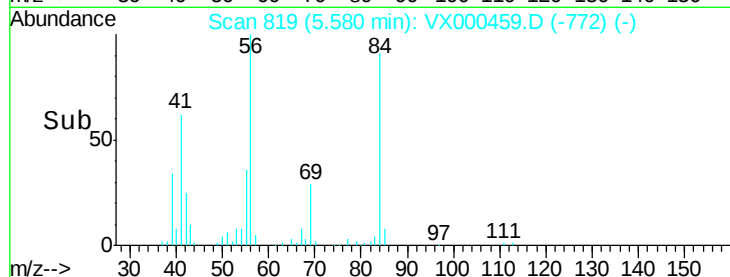
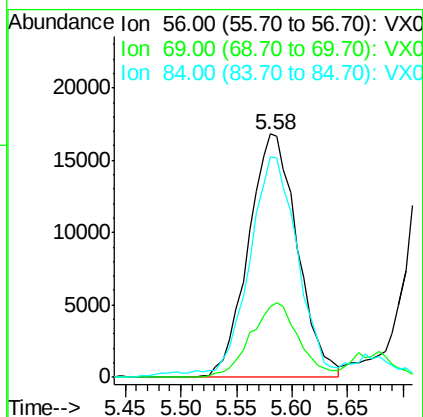
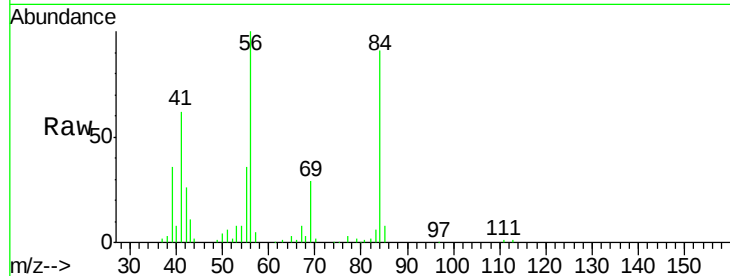




#31
Cyclohexane
Concen: 21.53 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

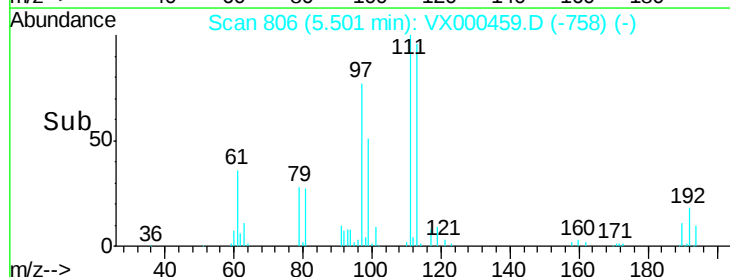
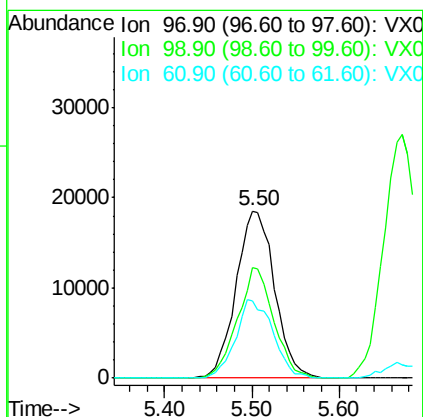
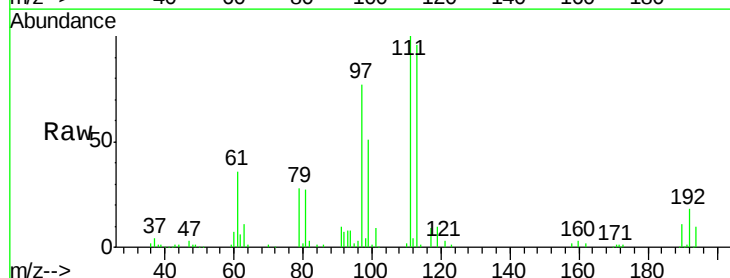
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion: 56 Resp: 51308
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.0
84 88.7 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 21.71 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 97 Resp: 56589
Ion Ratio Lower Upper
97 100
99 62.3 52.1 78.1
61 45.7 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.15 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

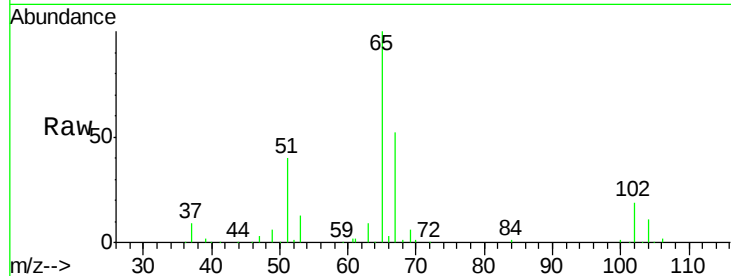
VX0327WBS01

Tgt Ion: 65 Resp: 96625

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

40000

30000

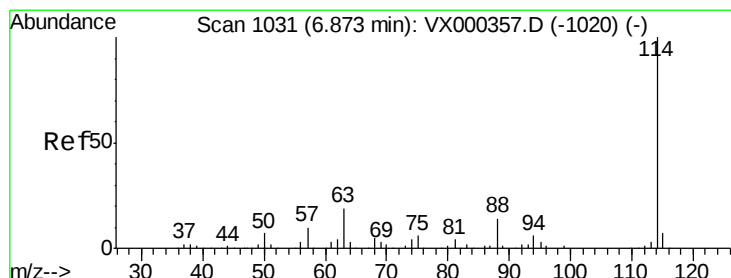
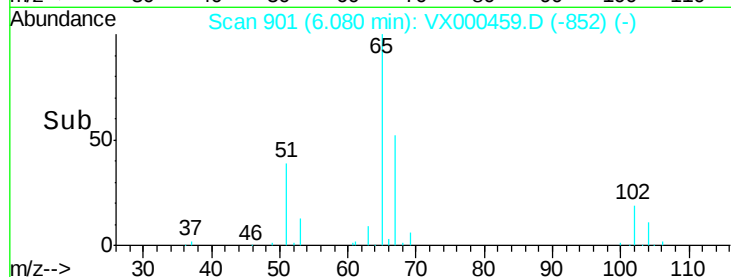
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

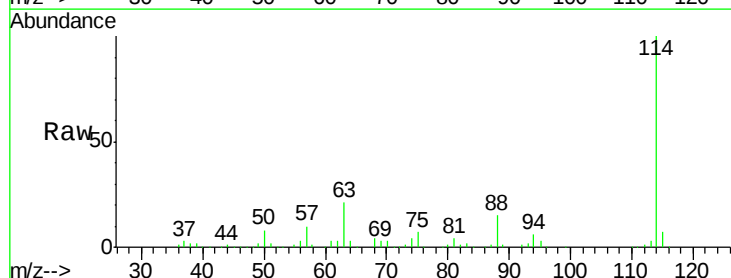
Tgt Ion: 114 Resp: 232297

Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.4

88 15.3 0.0 27.0



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

6.87

120000

100000

80000

60000

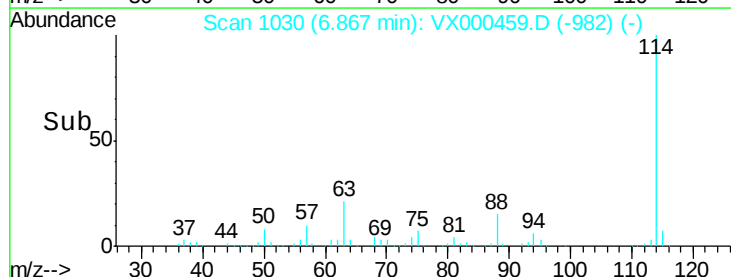
40000

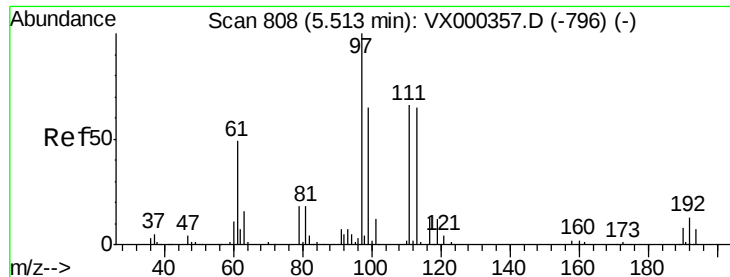
20000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 52.00 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

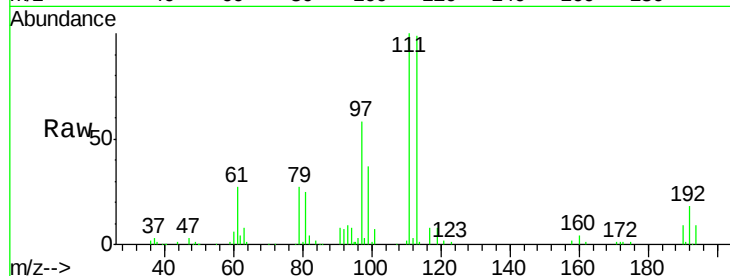
Tgt Ion:113 Resp: 76112

Ion Ratio Lower Upper

113 100

111 100.9 82.4 123.6

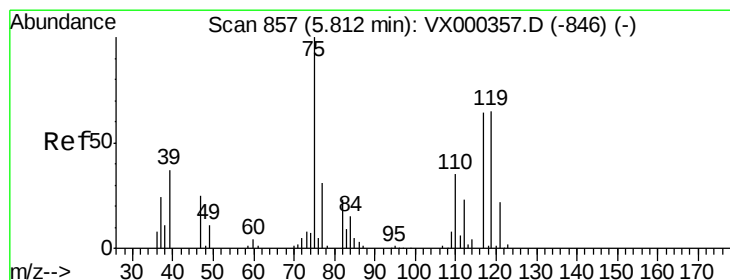
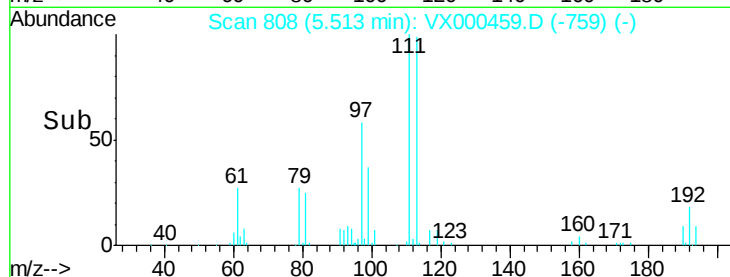
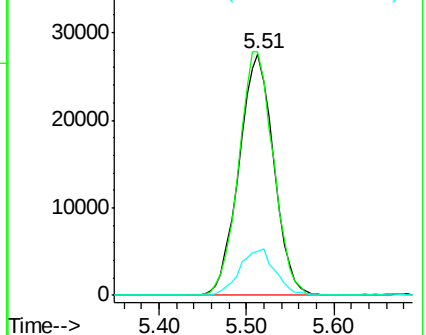
192 19.4 15.8 23.6



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: 21.13 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

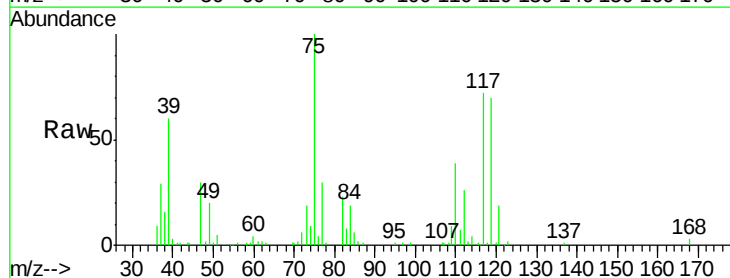
Tgt Ion: 75 Resp: 45985

Ion Ratio Lower Upper

75 100

110 37.3 17.9 53.7

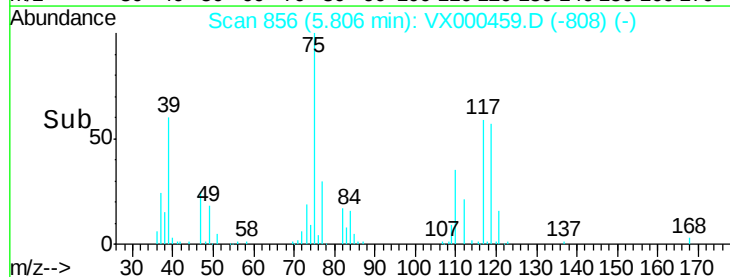
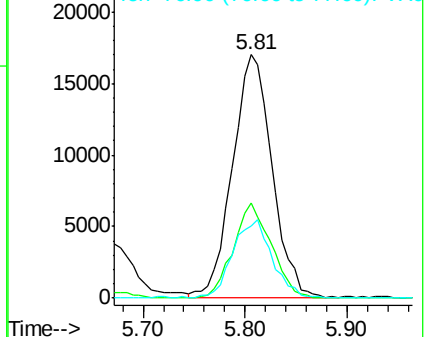
77 31.9 24.0 36.0

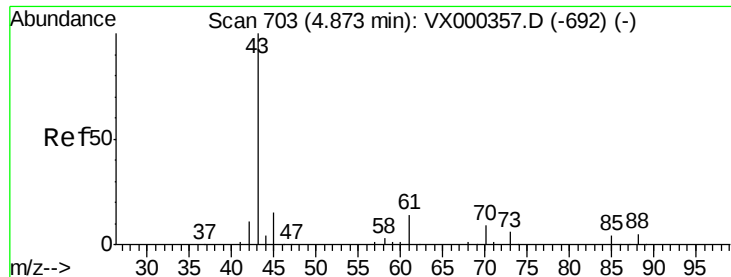


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

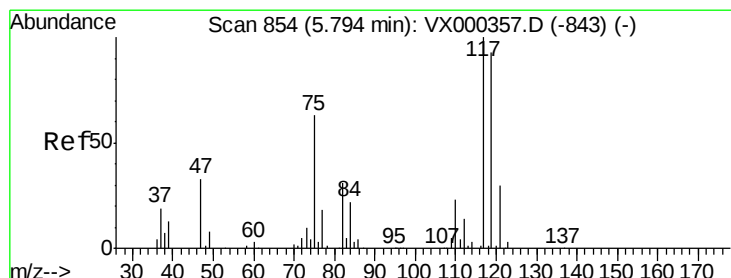
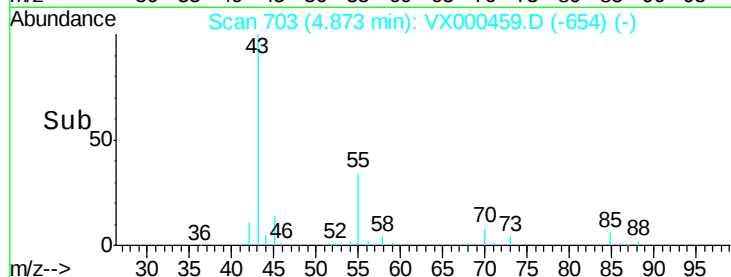
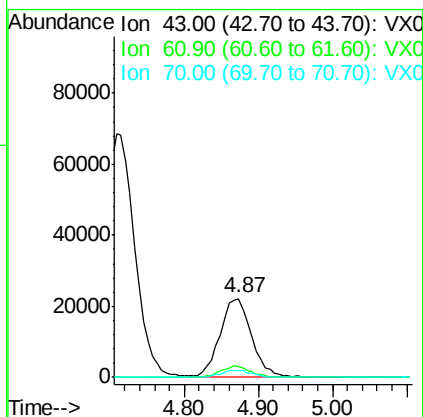
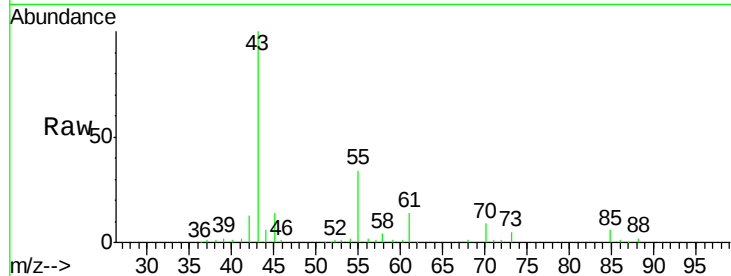




#37
 Ethyl Acetate
 Concen: 21.93 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

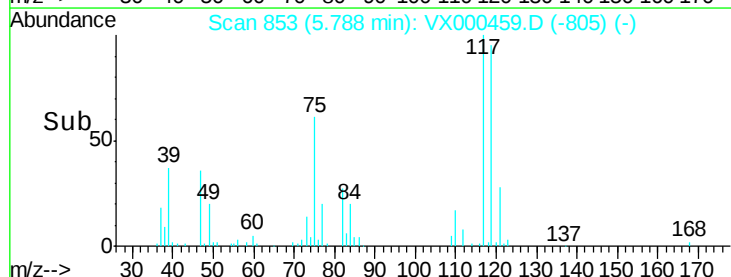
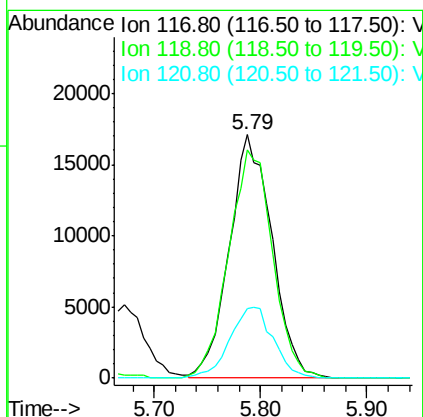
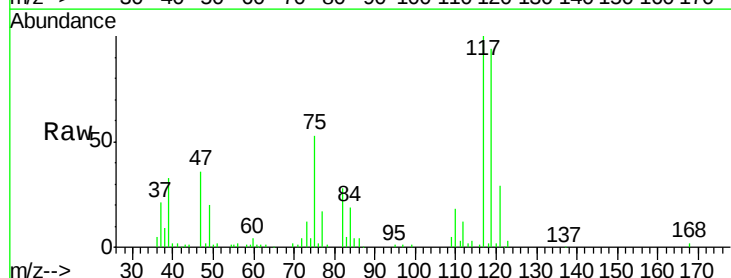
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

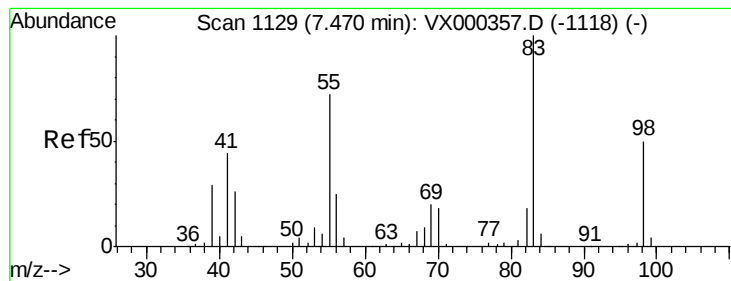
Tgt Ion: 43 Resp: 65196
 Ion Ratio Lower Upper
 43 100
 61 13.6 11.1 16.7
 70 8.8 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 21.04 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion: 117 Resp: 48036
 Ion Ratio Lower Upper
 117 100
 119 93.8 77.4 116.2
 121 28.7 24.8 37.2





#39

Methylcyclohexane

Concen: 22.49 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

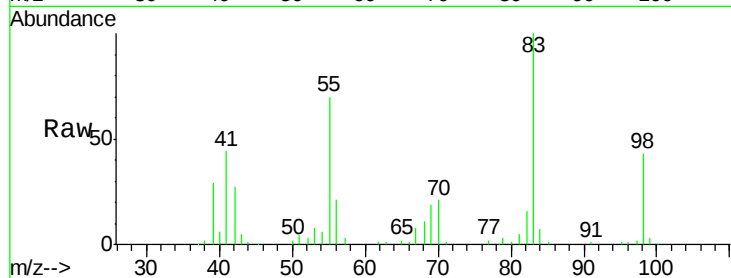
Tgt Ion: 83 Resp: 59512

Ion Ratio Lower Upper

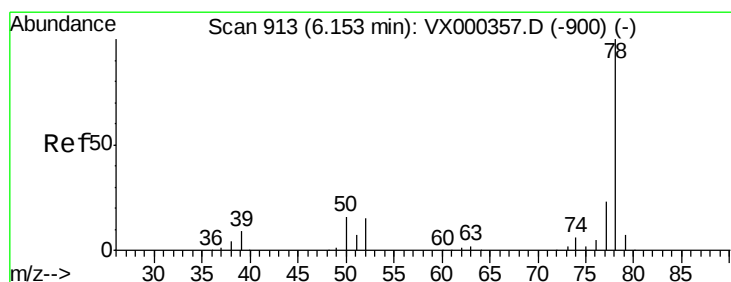
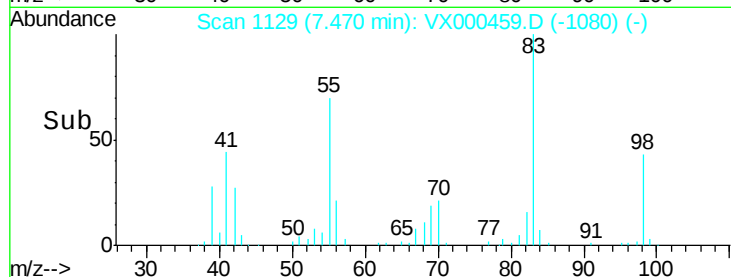
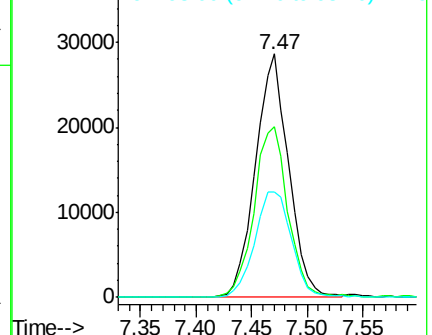
83 100

55 70.3 55.5 83.3

98 43.4 38.2 57.4



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



#40

Benzene

Concen: 21.97 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000459.D

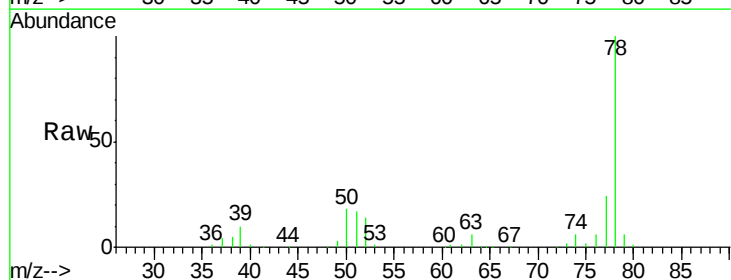
Acq: 27 Mar 2018 15:21

Tgt Ion: 78 Resp: 138798

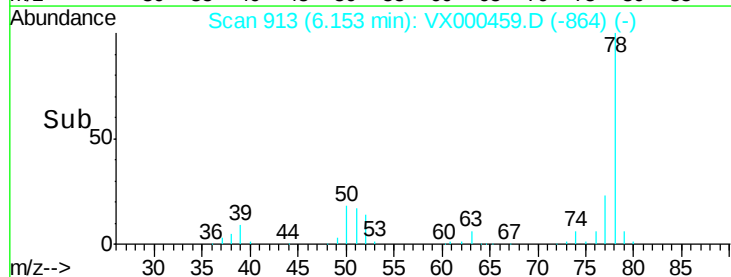
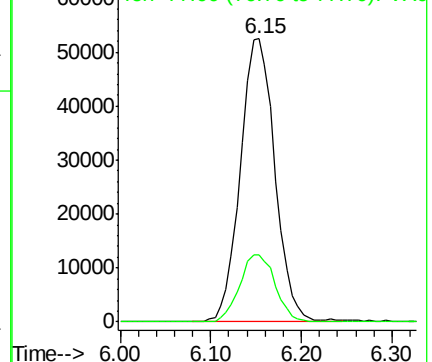
Ion Ratio Lower Upper

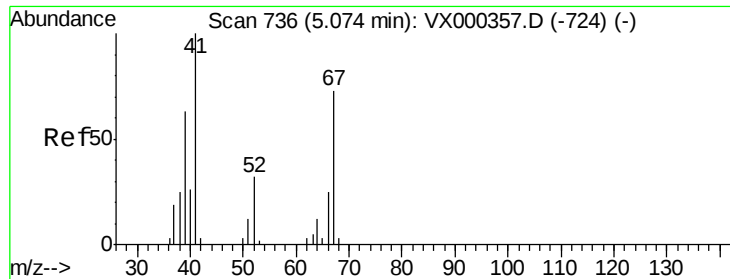
78 100

77 23.8 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

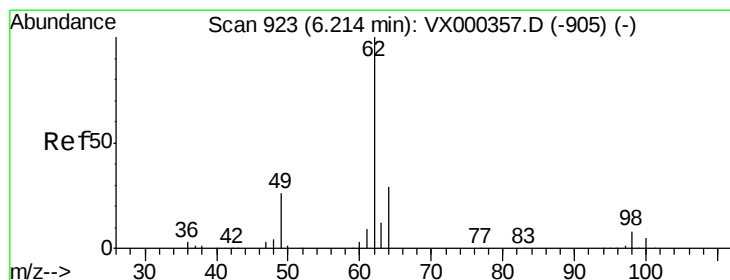
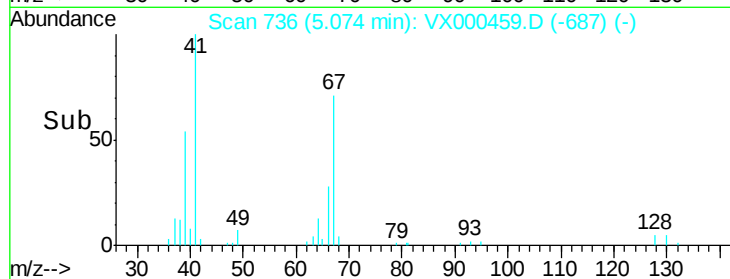
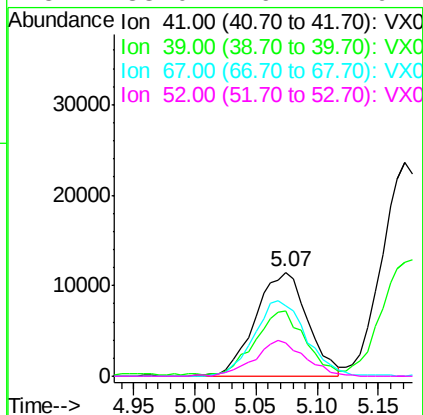
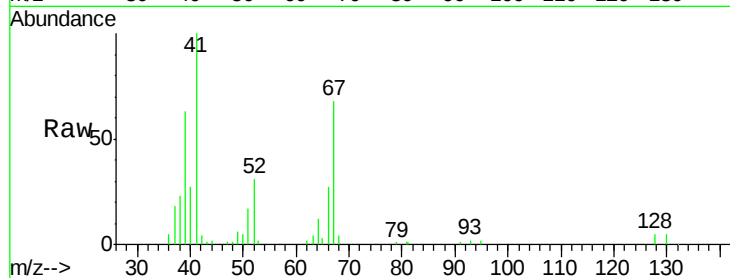




#41
Methacrylonitrile
Concen: 21.72 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

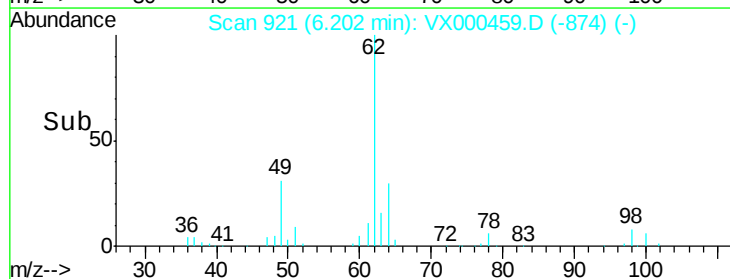
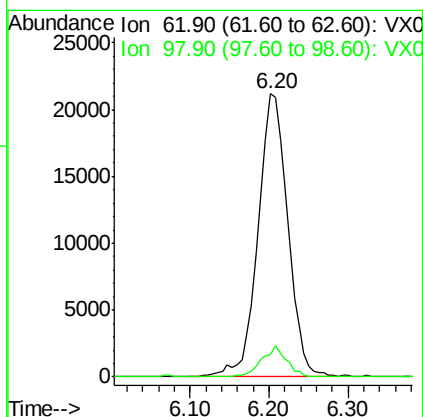
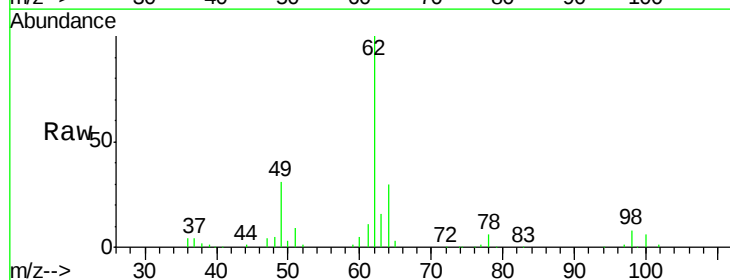
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

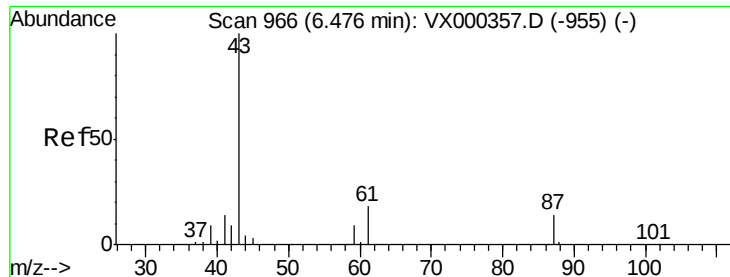
Tgt Ion:	41	Resp:	34031
Ion	Ratio	Lower	Upper
41	100		
39	58.2	45.7	68.5
67	72.5	57.8	86.8
52	33.0	26.7	40.1



#42
1,2-Dichloroethane
Concen: 22.53 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion:	62	Resp:	55871
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8



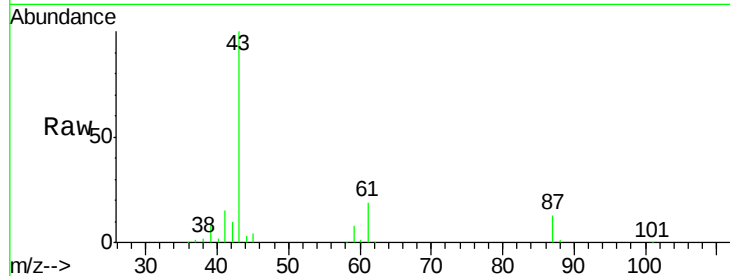


#43

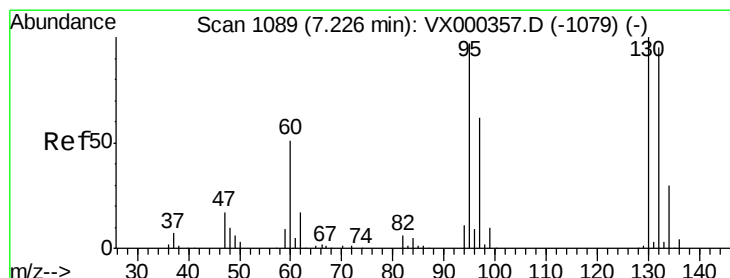
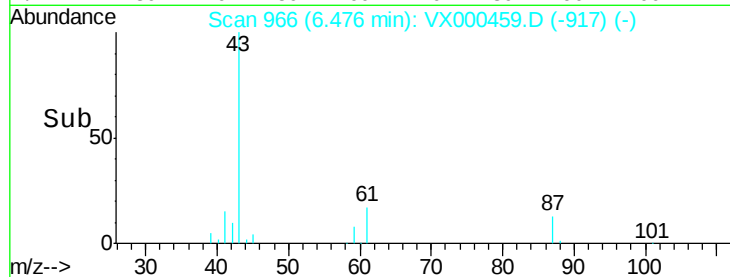
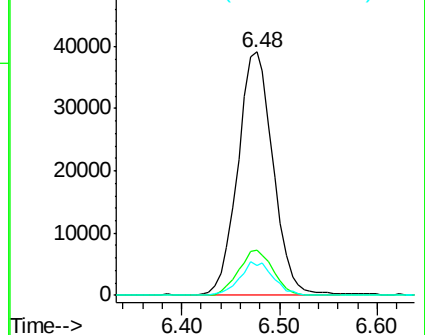
Isopropyl Acetate
 Concen: 22.12 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampled :
 VX0327WBS01

Tgt Ion: 43 Resp: 97862
 Ion Ratio Lower Upper
 43 100
 61 18.3 14.4 21.6
 87 13.1 11.0 16.4



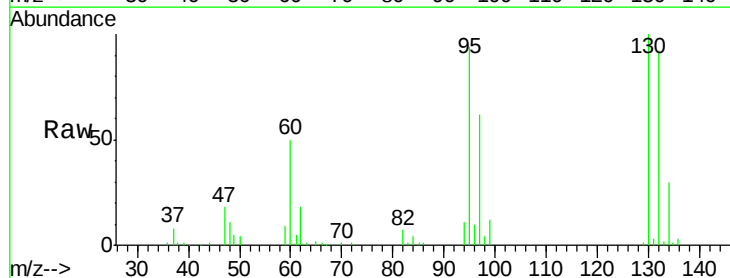
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



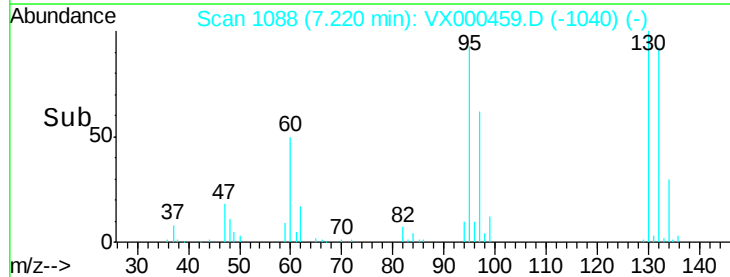
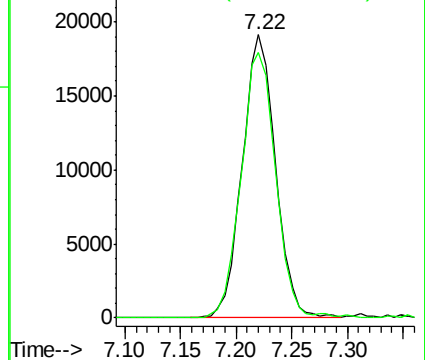
#44

Trichloroethene
 Concen: 21.90 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion: 130 Resp: 39640
 Ion Ratio Lower Upper
 130 100
 95 93.7 0.0 186.0



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





#45

1,2-Dichloropropane

Concen: 22.58 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

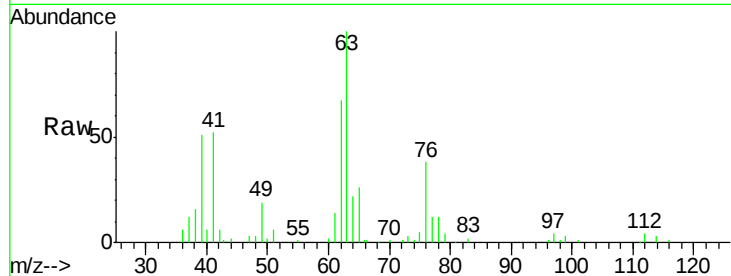
VX0327WBS01

Tgt Ion: 63 Resp: 36521

Ion Ratio Lower Upper

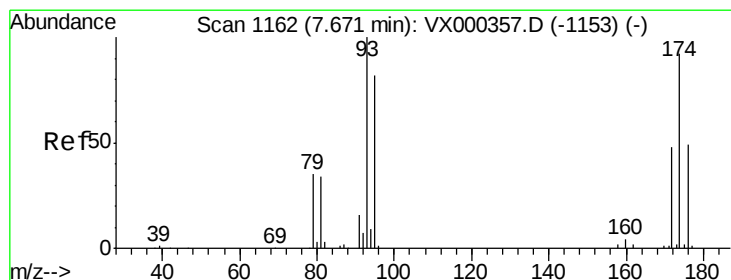
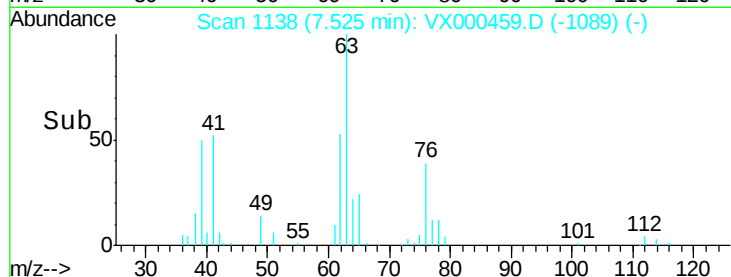
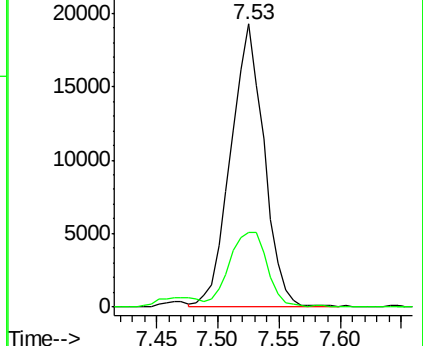
63 100

65 26.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 22.23 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

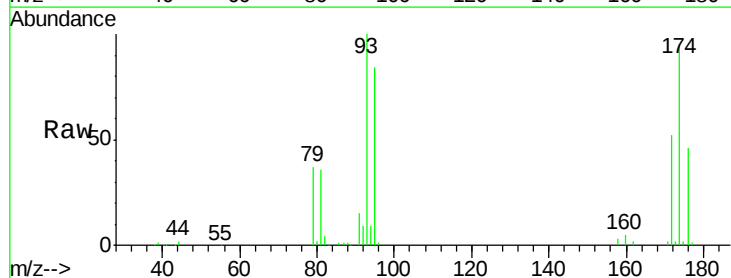
Tgt Ion: 93 Resp: 28226

Ion Ratio Lower Upper

93 100

95 83.6 66.5 99.7

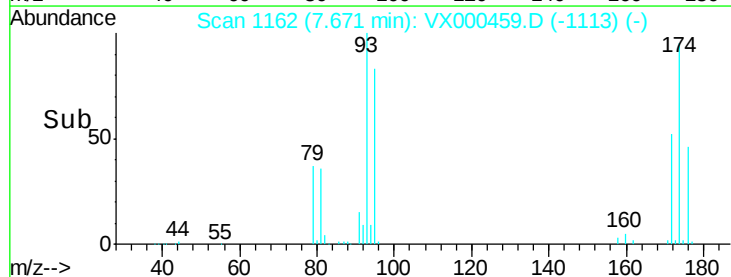
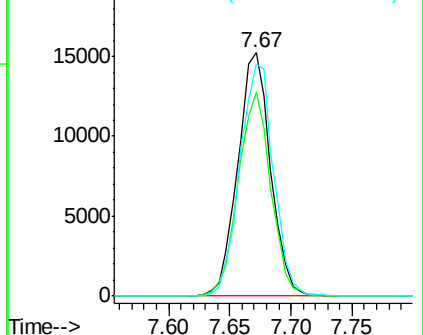
174 98.6 76.0 114.0

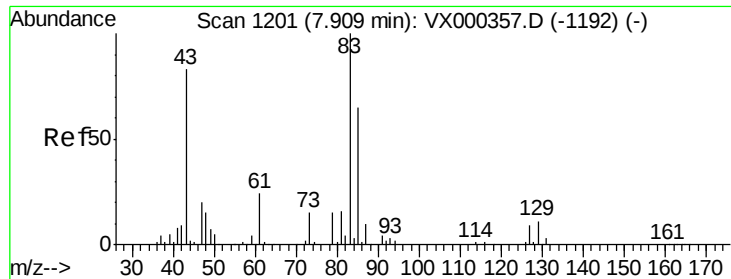


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 23.20 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

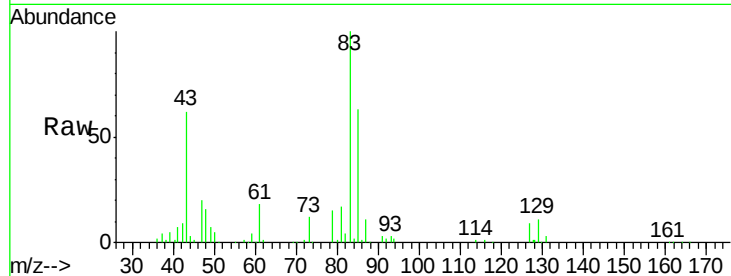
Tgt Ion: 83 Resp: 51814

Ion Ratio Lower Upper

83 100

85 62.7 51.4 77.0

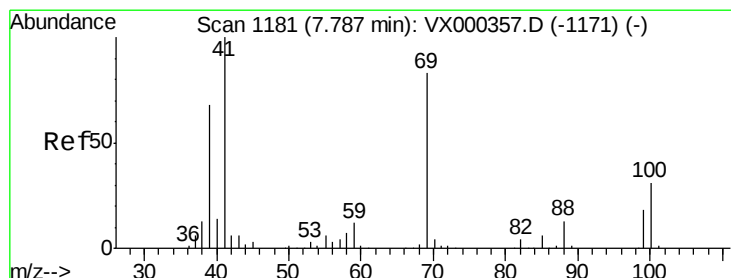
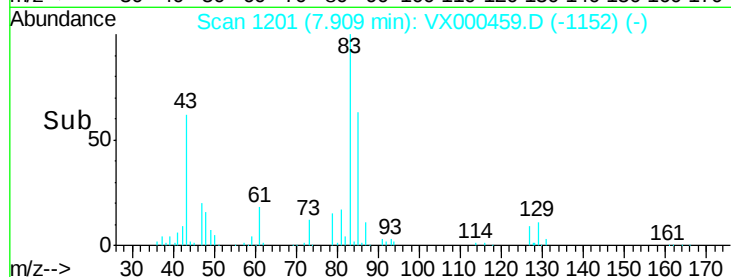
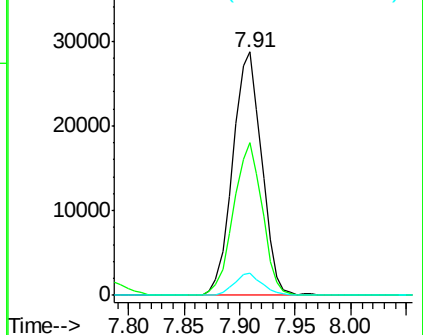
127 8.9 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.86 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

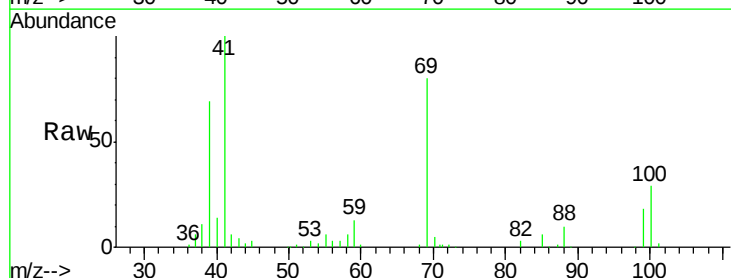
Tgt Ion: 41 Resp: 49095

Ion Ratio Lower Upper

41 100

69 82.7 68.2 102.4

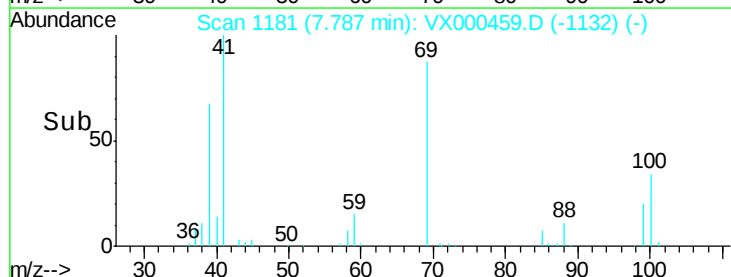
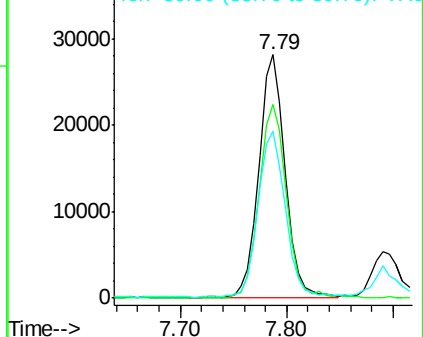
39 69.9 54.6 81.8

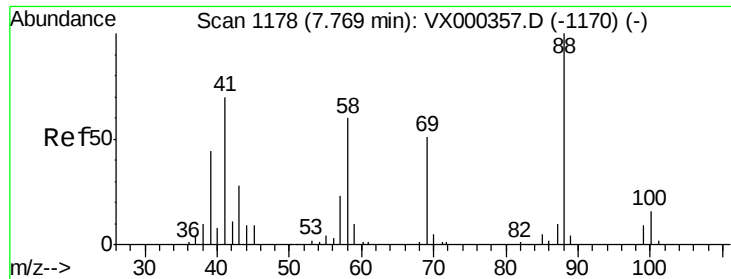


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

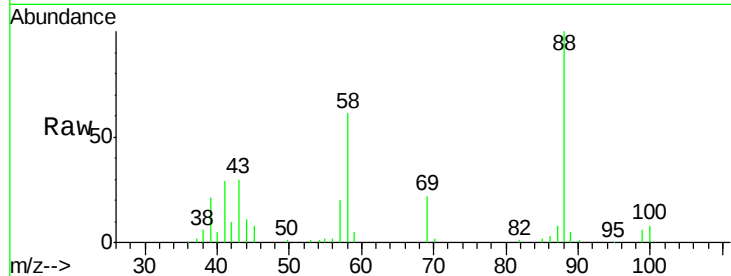




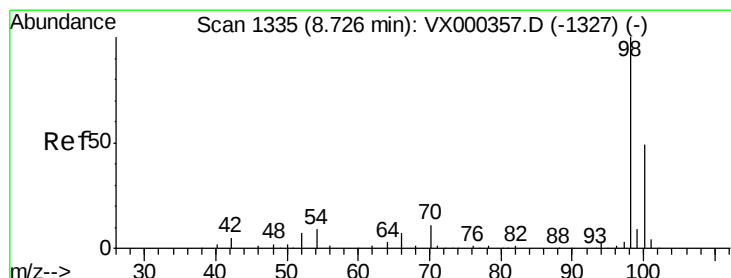
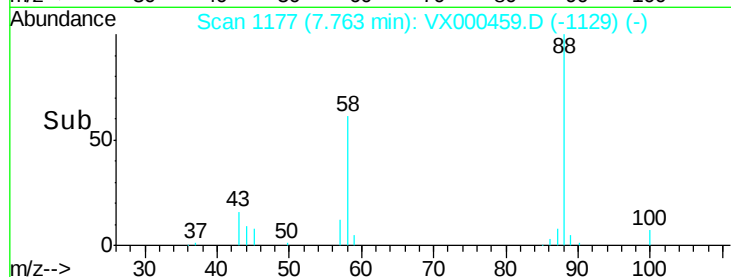
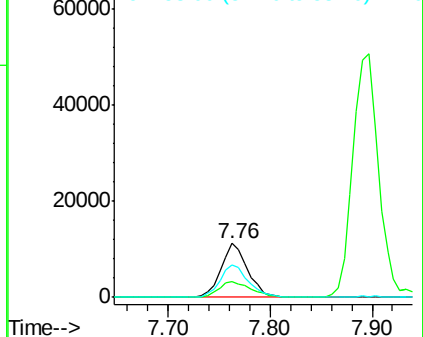
#49
1,4-Dioxane
Concen: 451.43 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion: 88 Resp: 20382
Ion Ratio Lower Upper
88 100
43 35.2 26.8 40.2
58 64.1 52.2 78.2

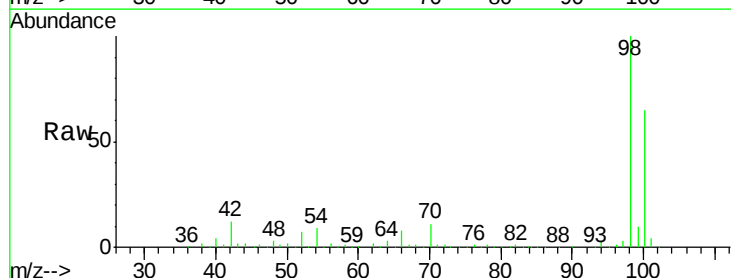


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

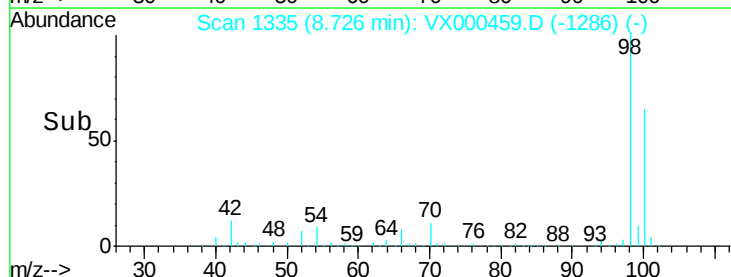
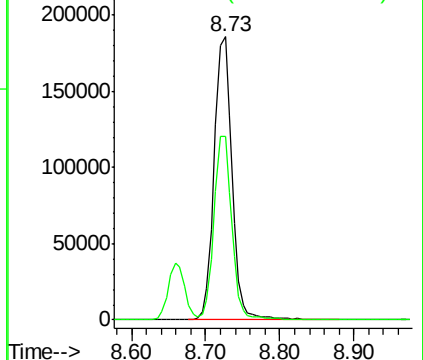


#50
Toluene-d8
Concen: 50.40 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 98 Resp: 305515
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



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: 115.45 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

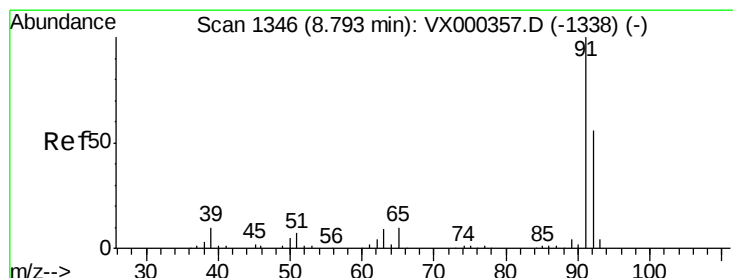
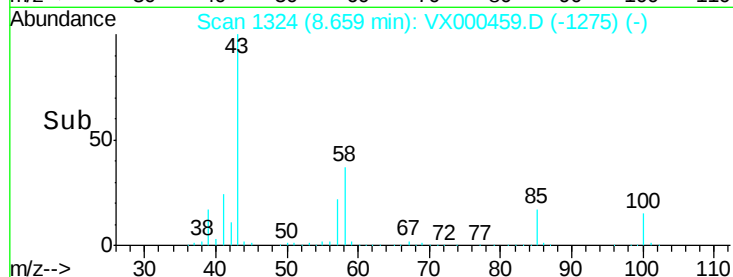
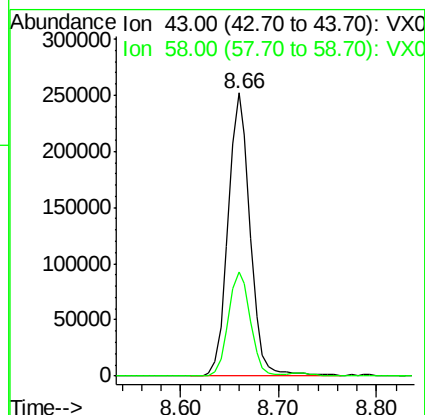
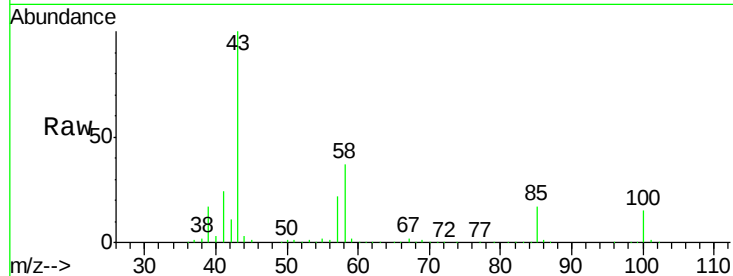
VX0327WBS01

Tgt Ion: 43 Resp: 395374

Ion Ratio Lower Upper

43 100

58 36.7 30.3 45.5



#52

Toluene

Concen: 22.43 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000459.D

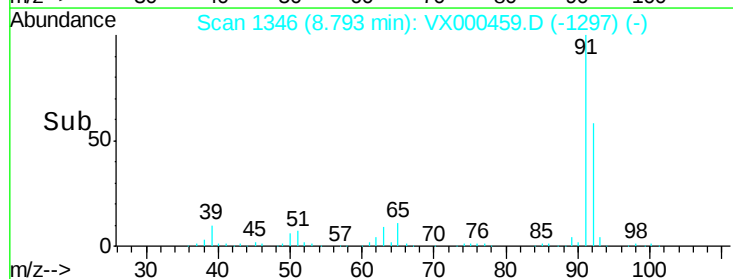
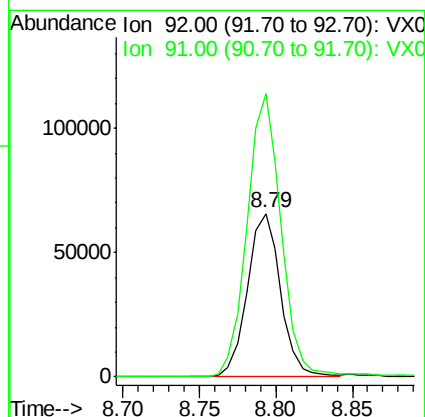
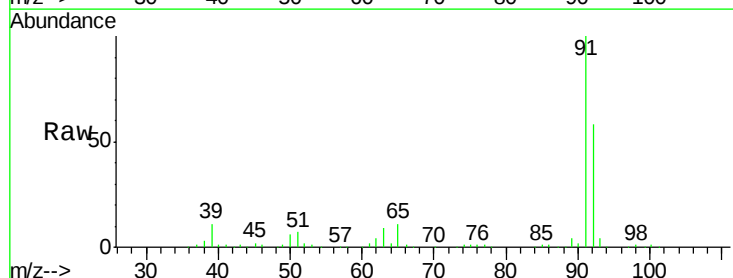
Acq: 27 Mar 2018 15:21

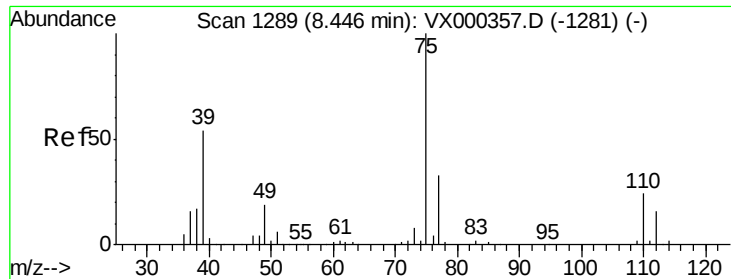
Tgt Ion: 92 Resp: 99096

Ion Ratio Lower Upper

92 100

91 179.4 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 22.60 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

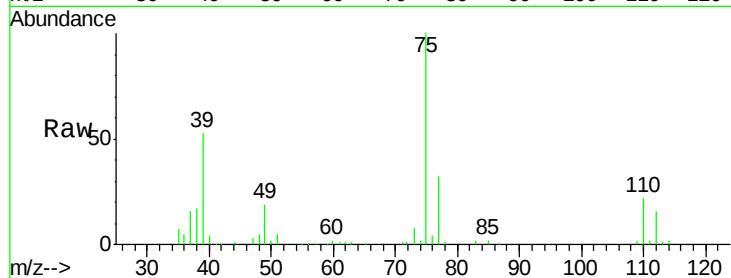
VX0327WBS01

Tgt Ion: 75 Resp: 58500

Ion Ratio Lower Upper

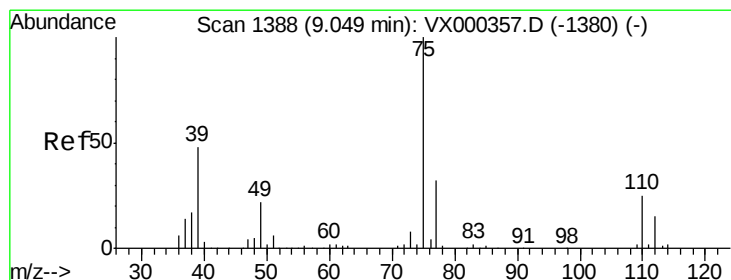
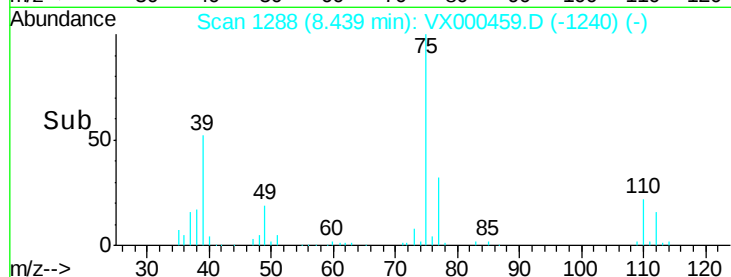
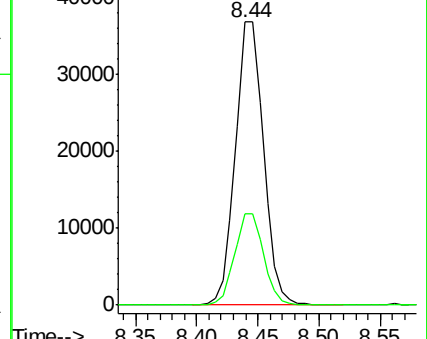
75 100

77 32.3 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 23.70 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

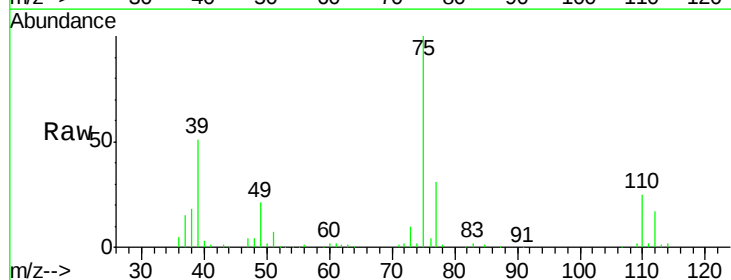
Tgt Ion: 75 Resp: 59512

Ion Ratio Lower Upper

75 100

77 30.6 26.1 39.1

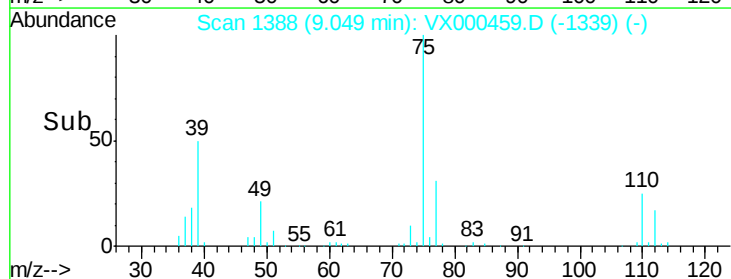
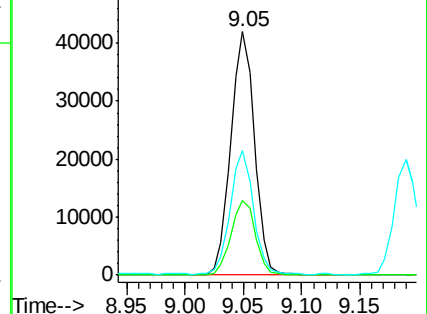
39 50.7 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

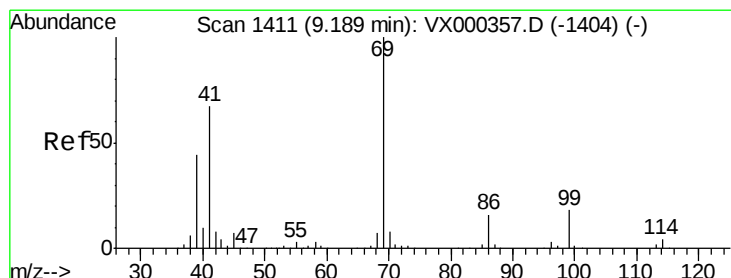
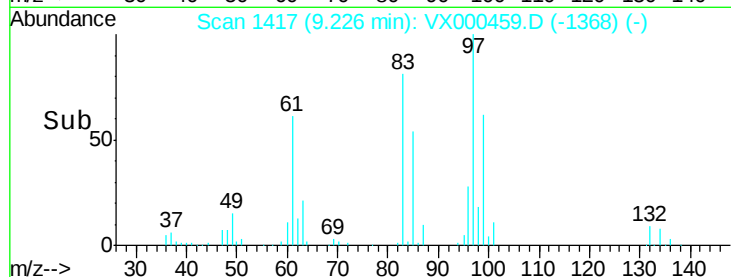
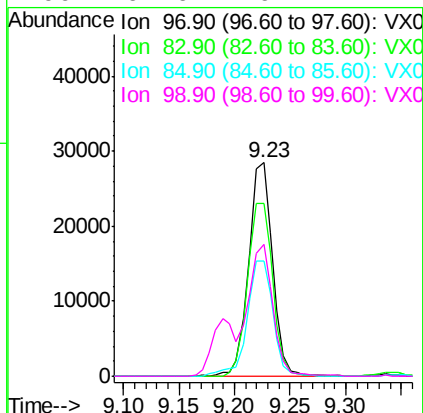
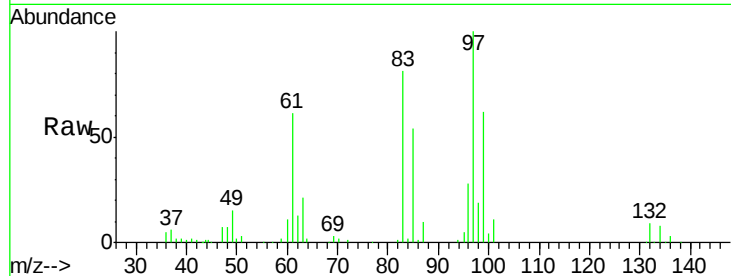




#55
 1,1,2-Trichloroethane
 Concen: 23.37 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

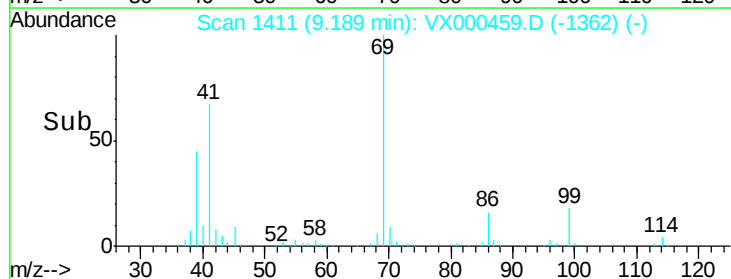
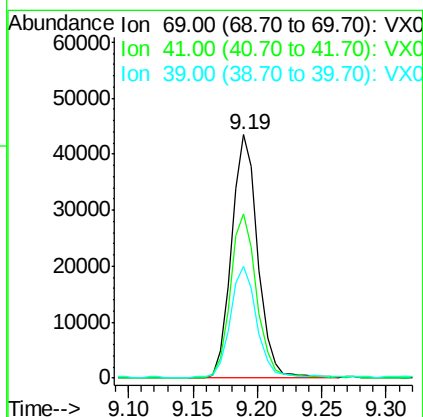
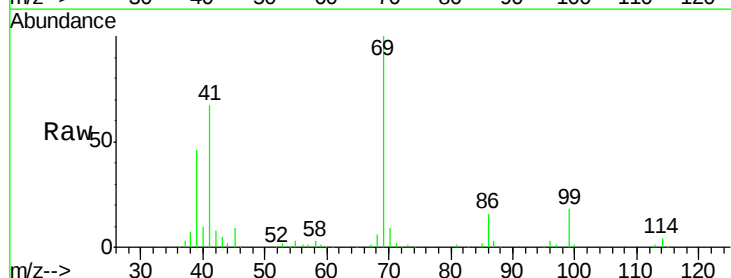
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

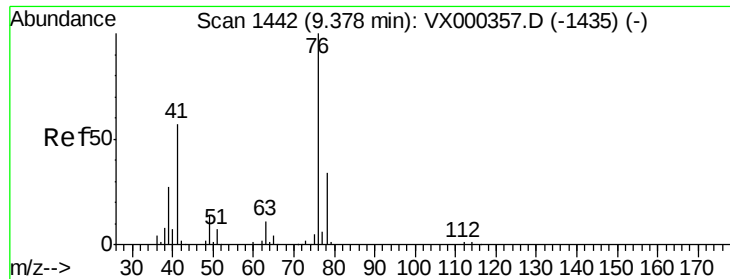
Tgt Ion:	97	Resp:	42460
Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.9	101.9
85	54.2	42.8	64.2
99	61.6	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 22.59 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion:	69	Resp:	62195
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.0	79.6
39	45.6	35.3	52.9

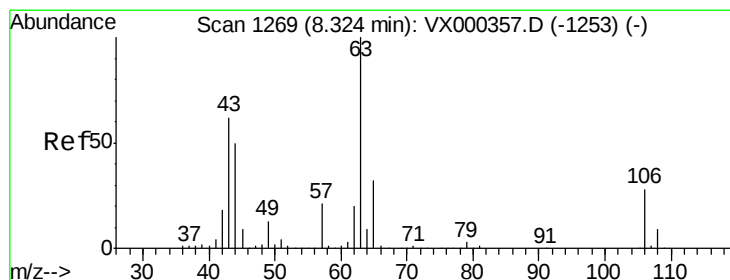
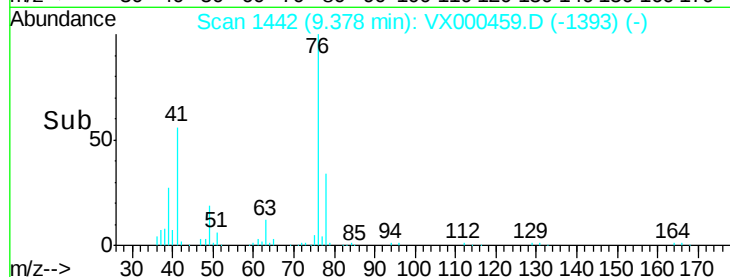
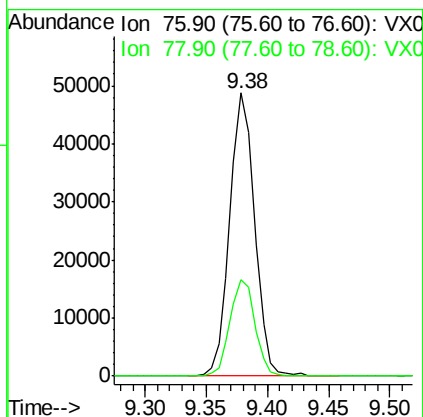
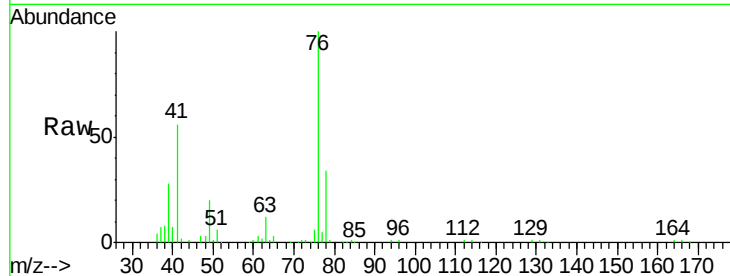




#57
 1,3-Dichloropropane
 Concen: 23.63 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

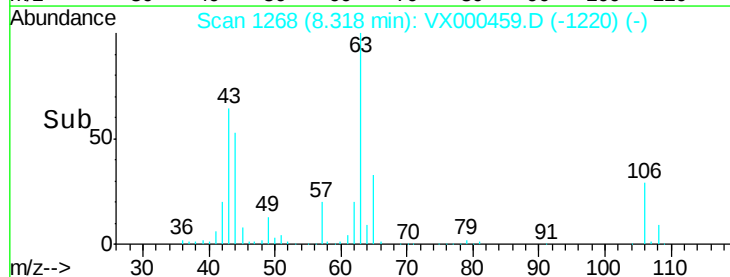
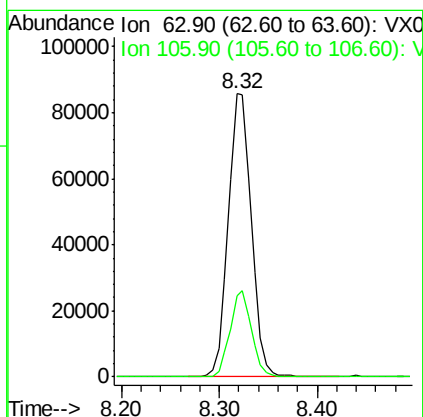
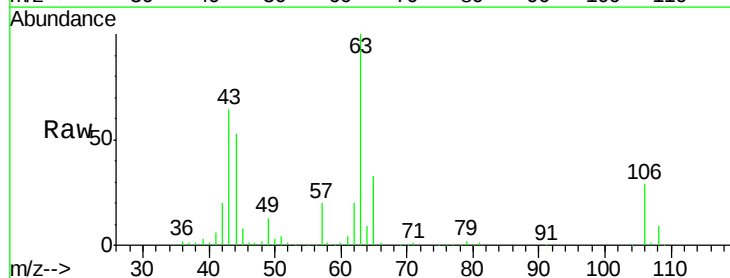
Instrument :
 MSVOA_X
 ClientSampled :
 VX0327WBS01

Tgt Ion: 76 Resp: 68674
 Ion Ratio Lower Upper
 76 100
 78 33.9 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.04 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion: 63 Resp: 140103
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8

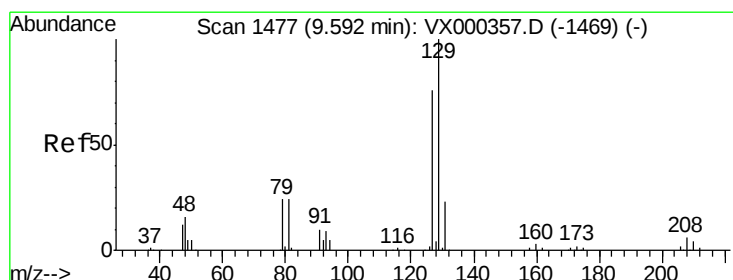
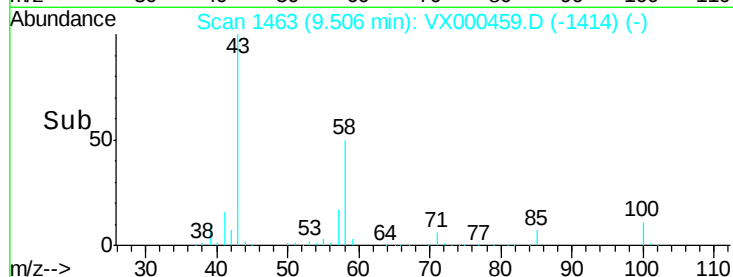
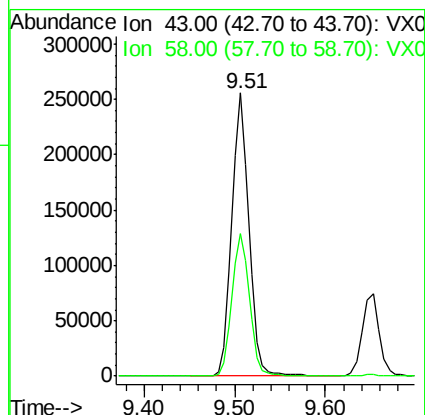
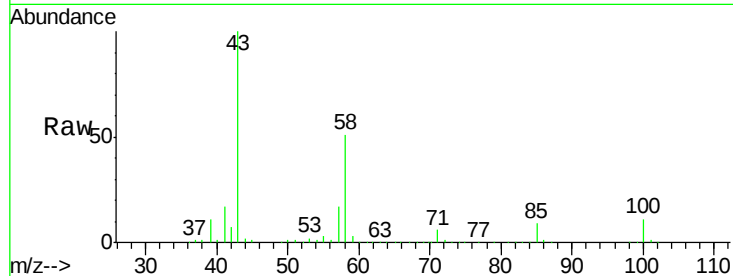




#59
2-Hexanone
Concen: 116.31 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

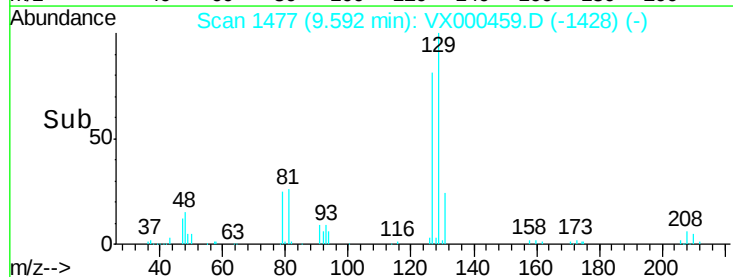
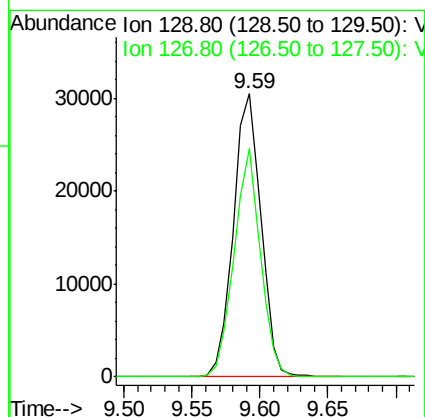
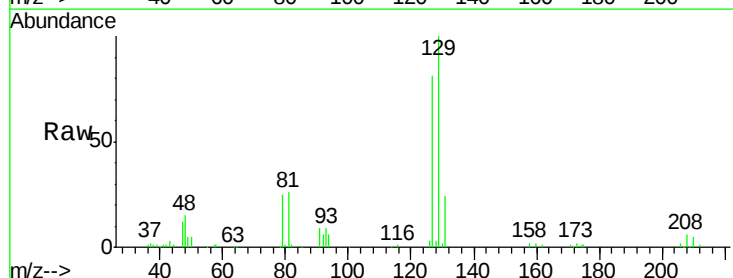
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

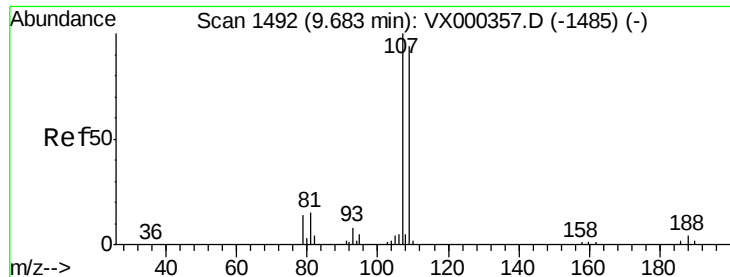
Tgt Ion: 43 Resp: 338209
Ion Ratio Lower Upper
43 100
58 51.7 26.6 79.7



#60
Dibromochloromethane
Concen: 22.55 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 129 Resp: 43178
Ion Ratio Lower Upper
129 100
127 77.1 37.9 113.6





#61

1,2-Dibromoethane

Concen: 23.56 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

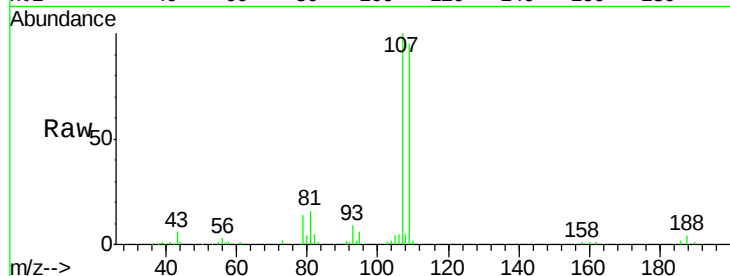
VX0327WBS01

Tgt Ion: 107 Resp: 45905

Ion Ratio Lower Upper

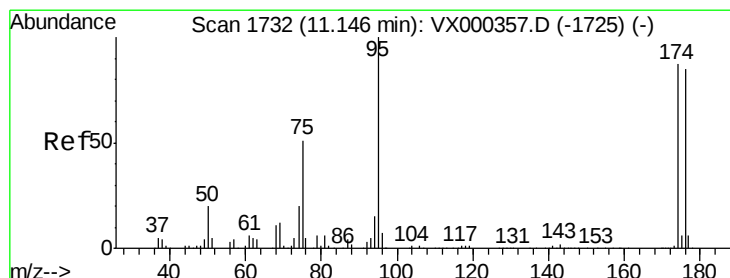
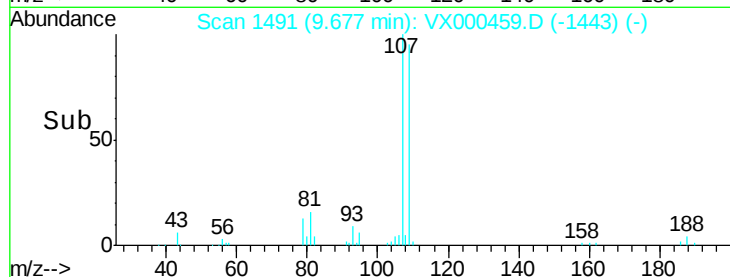
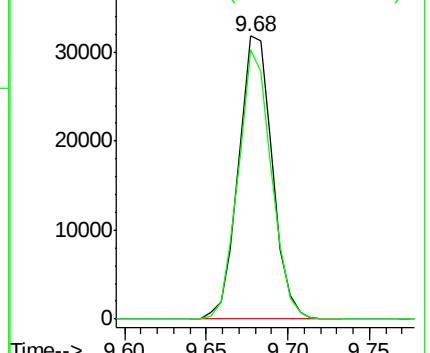
107 100

109 93.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.41 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

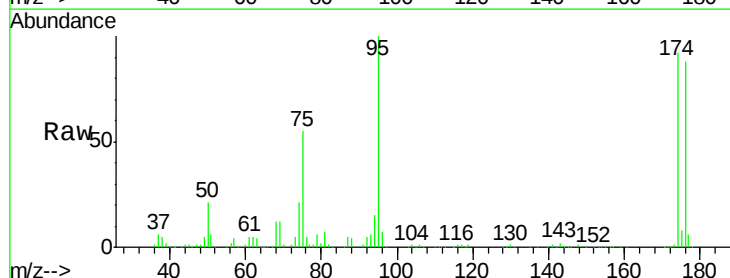
Tgt Ion: 95 Resp: 120537

Ion Ratio Lower Upper

95 100

174 91.5 0.0 173.6

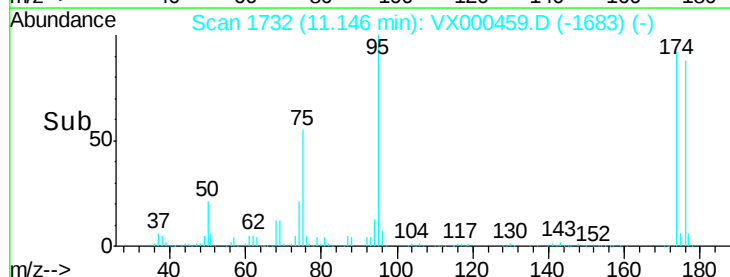
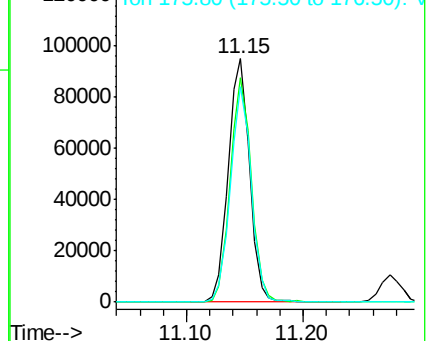
176 86.8 0.0 164.6

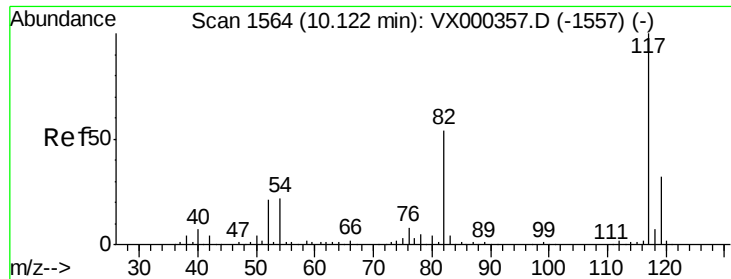


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

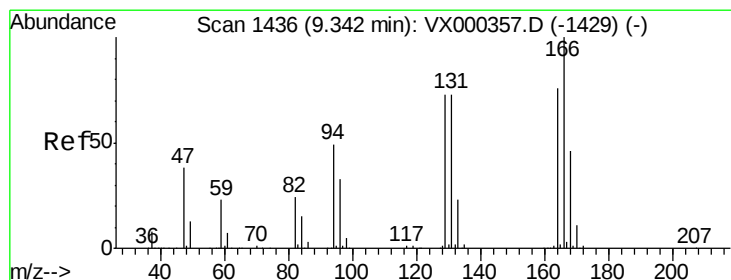
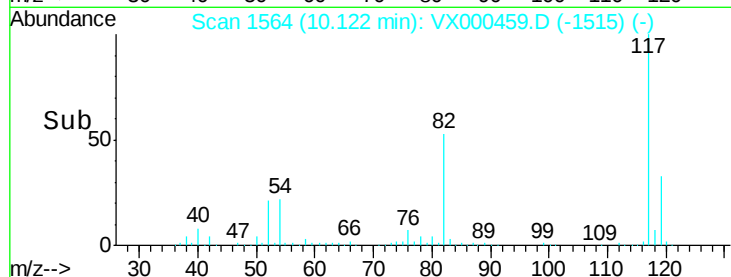
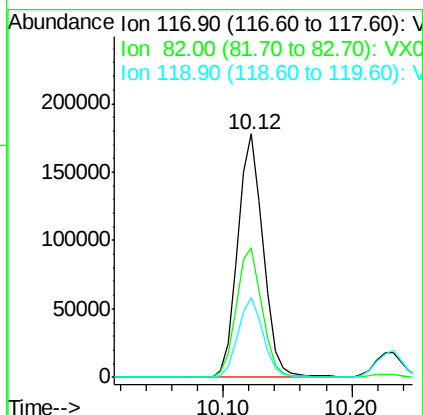
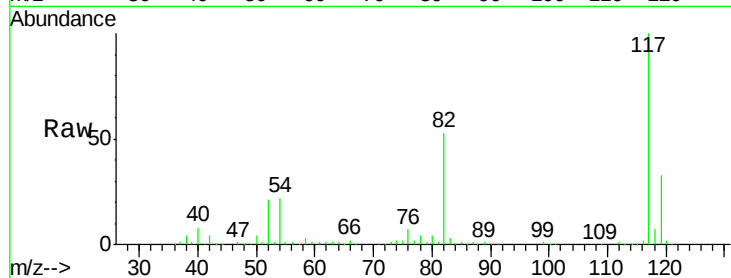




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

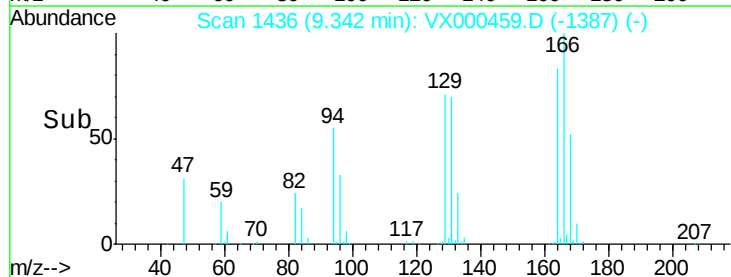
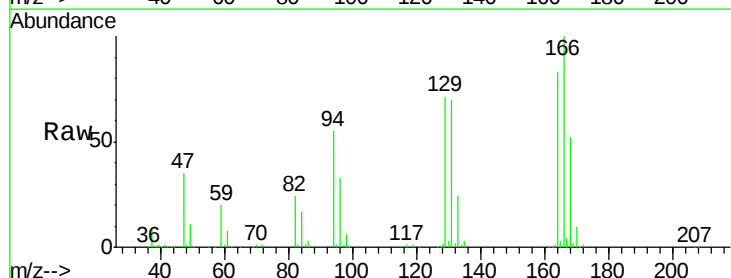
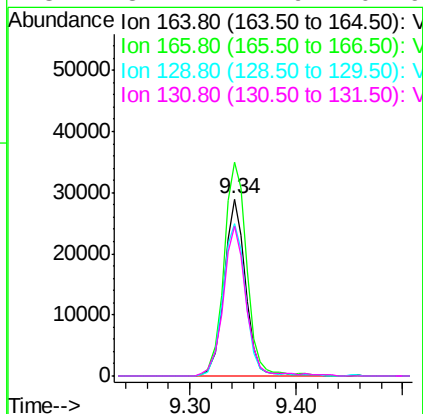
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

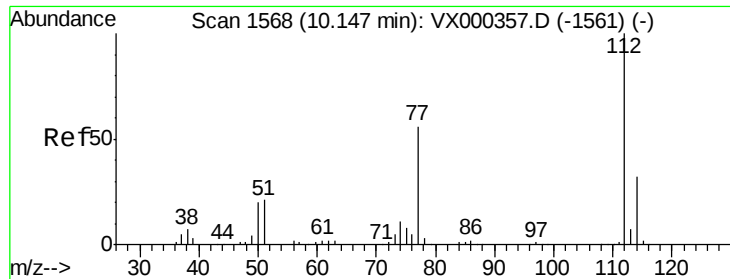
Tgt Ion:117 Resp: 244523
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.8
119 32.9 24.9 37.3



#64
Tetrachloroethene
Concen: 21.46 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion:164 Resp: 40724
Ion Ratio Lower Upper
164 100
166 120.8 101.0 151.6
129 85.8 79.0 118.4
131 84.7 71.9 107.9





#65

Chlorobenzene

Concen: 21.28 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampled :

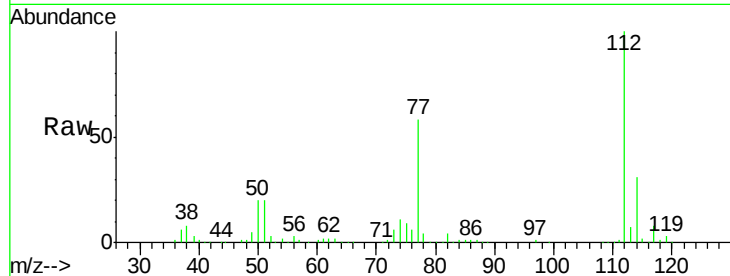
VX0327WBS01

Tgt Ion:112 Resp: 115792

Ion Ratio Lower Upper

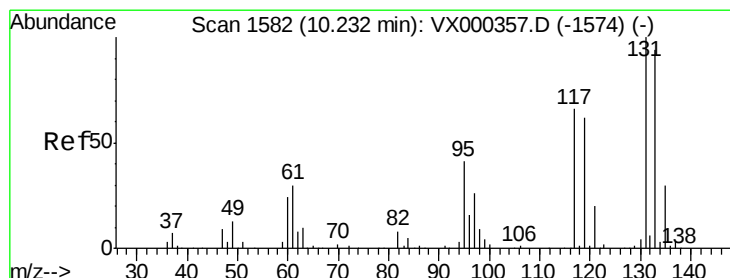
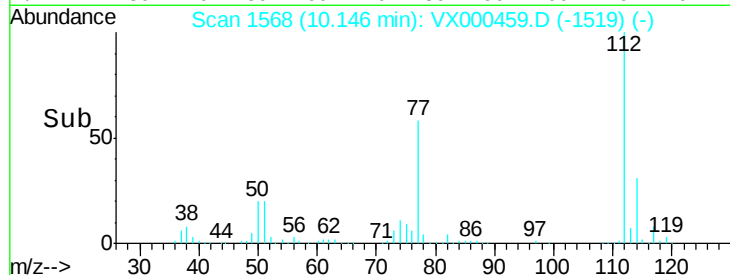
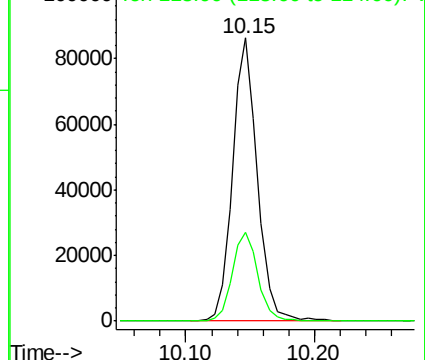
112 100

114 31.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.97 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

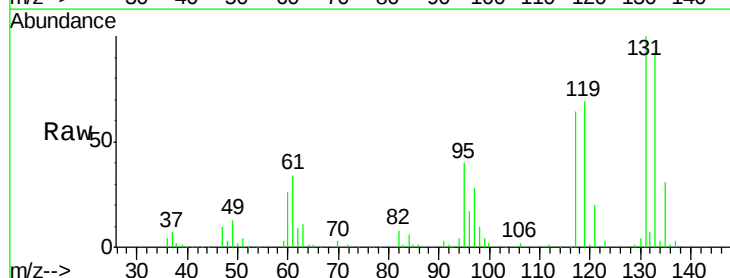
Tgt Ion:131 Resp: 40607

Ion Ratio Lower Upper

131 100

133 94.8 47.1 141.3

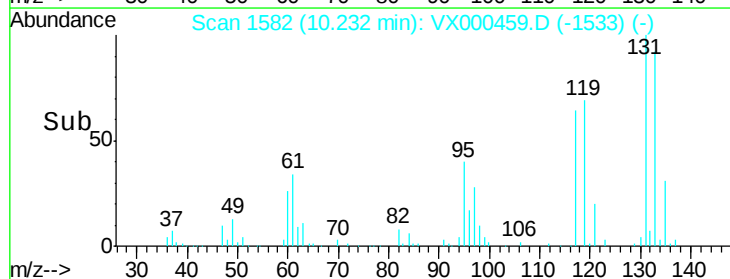
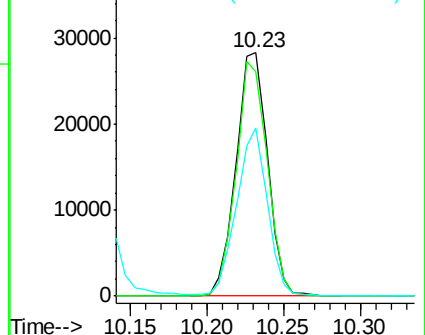
119 67.3 33.1 99.2

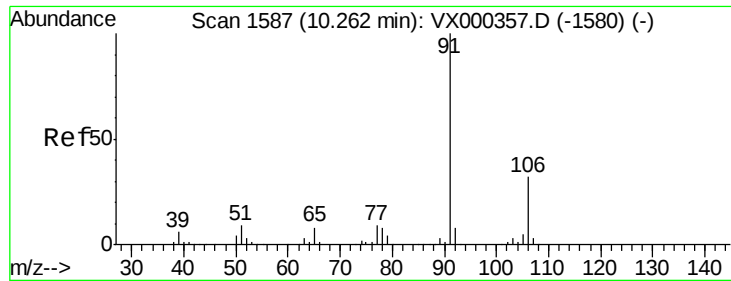


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

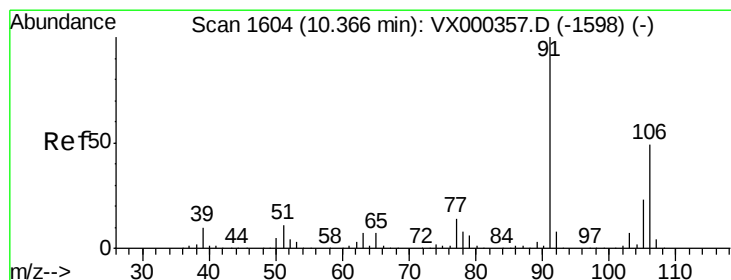
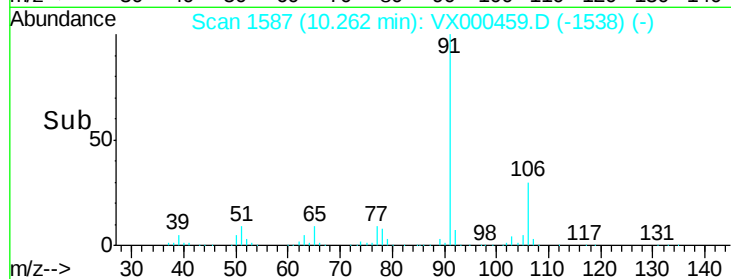
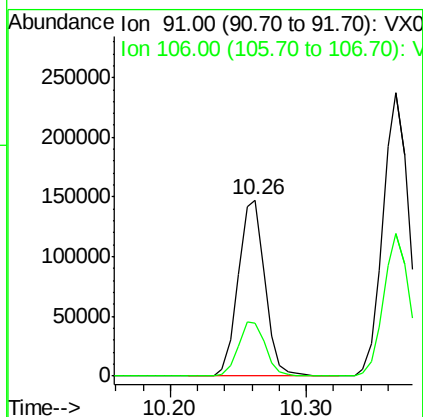
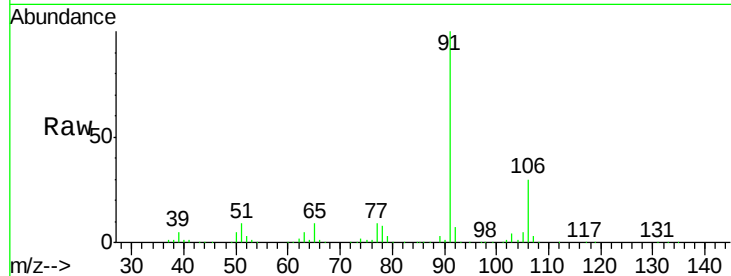




#67
Ethyl Benzene
Concen: 21.86 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

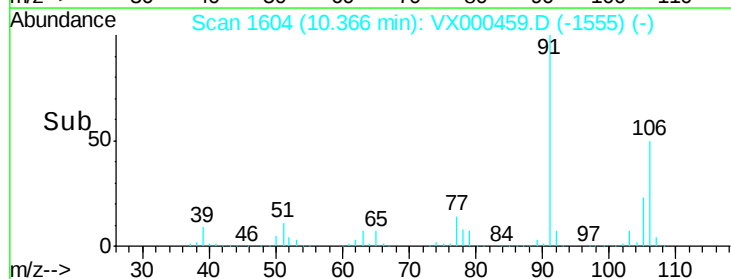
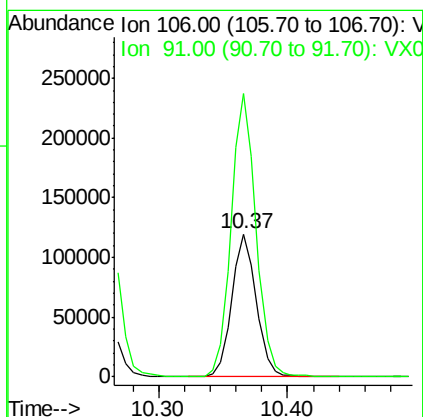
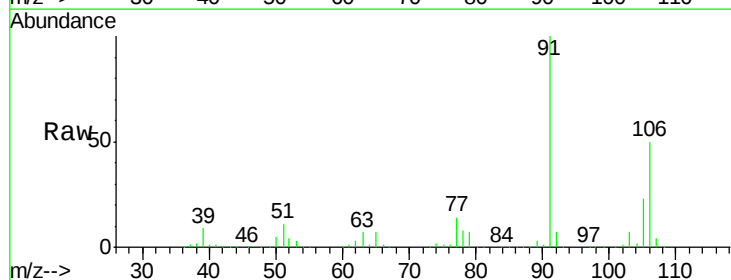
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion: 91 Resp: 201610
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.6



#68
m/p-Xylenes
Concen: 43.69 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 106 Resp: 158584
Ion Ratio Lower Upper
106 100
91 202.5 163.4 245.2

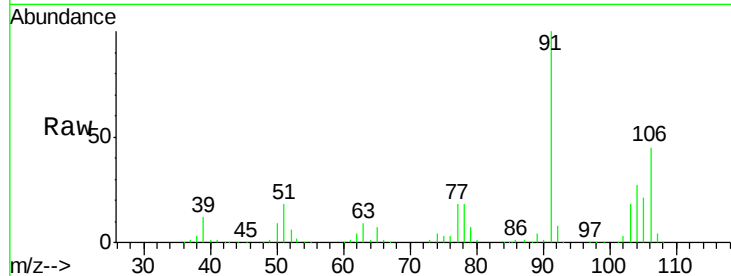




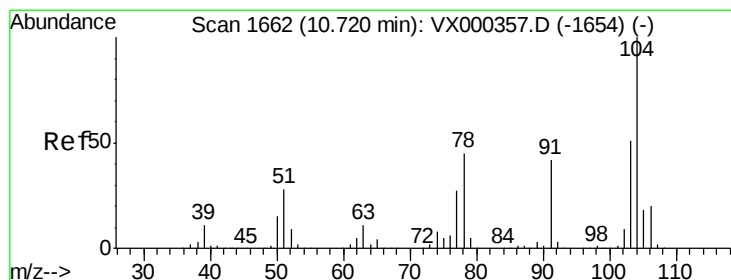
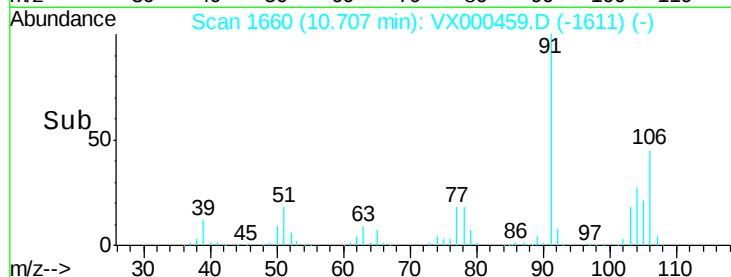
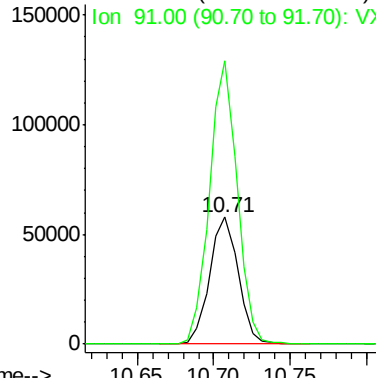
#69
o-Xylene
Concen: 21.49 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tgt Ion:106 Resp: 75521
Ion Ratio Lower Upper
106 100
91 216.8 106.5 319.6

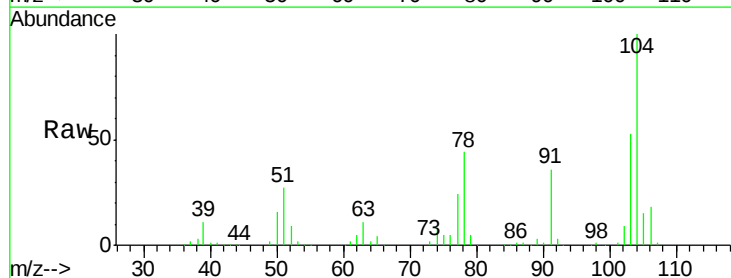


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

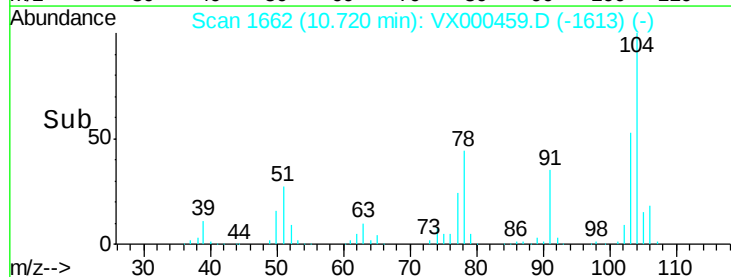
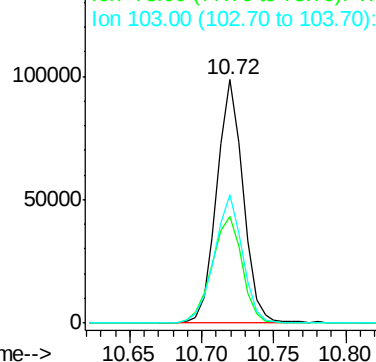


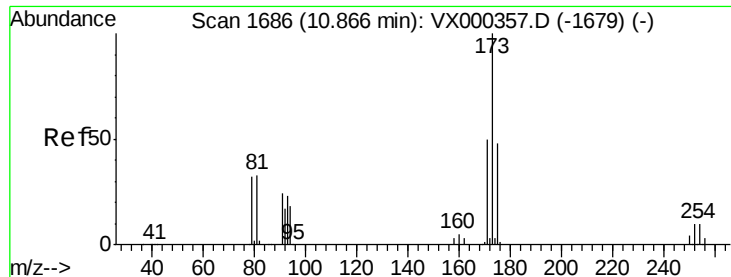
#70
Styrene
Concen: 21.50 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion:104 Resp: 125032
Ion Ratio Lower Upper
104 100
78 50.6 40.5 60.7
103 56.5 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.66 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

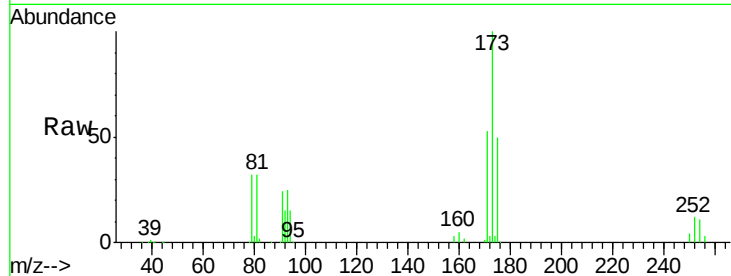
Tgt Ion:173 Resp: 33821

Ion Ratio Lower Upper

173 100

175 48.5 25.4 76.4

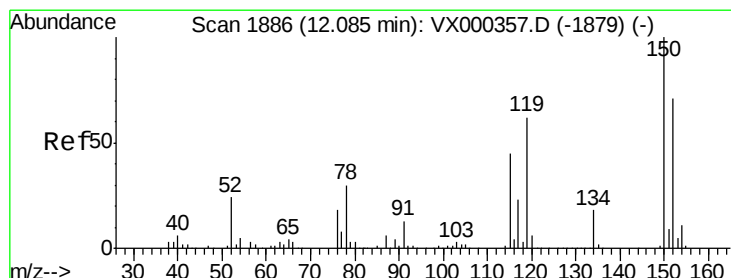
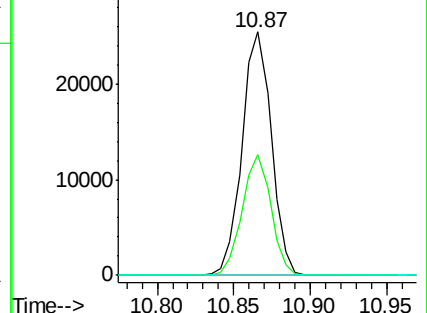
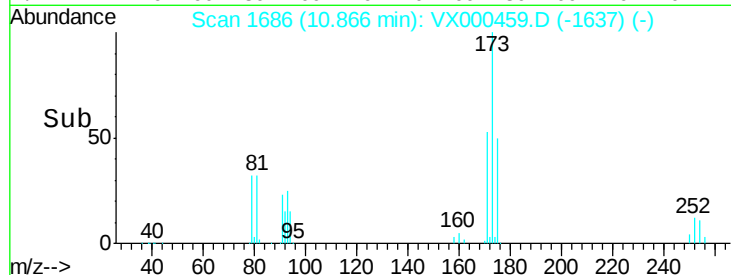
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

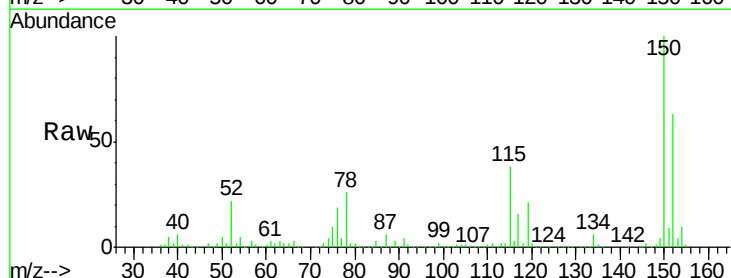
Tgt Ion:152 Resp: 140295

Ion Ratio Lower Upper

152 100

115 69.8 39.8 119.3

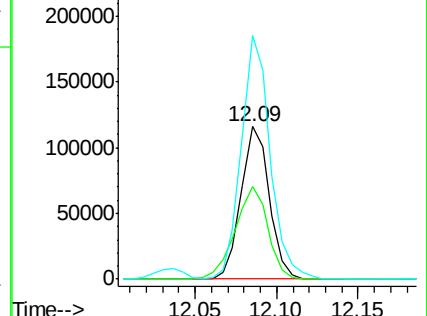
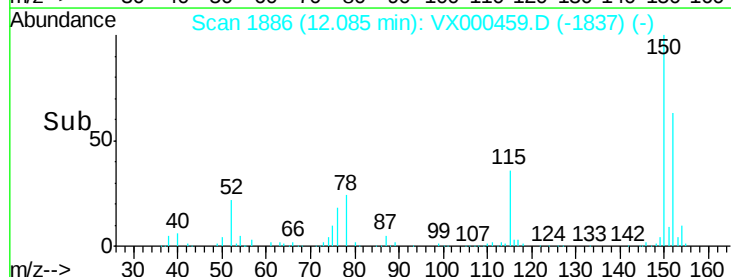
150 163.1 0.0 344.4

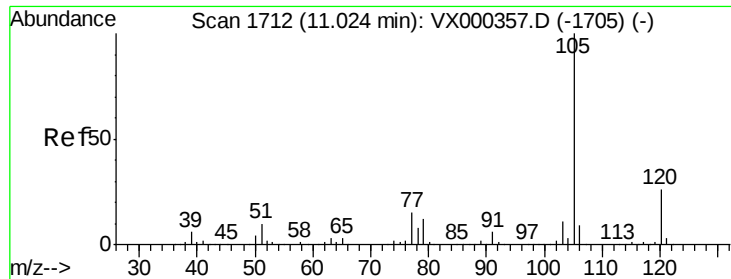


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.20 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

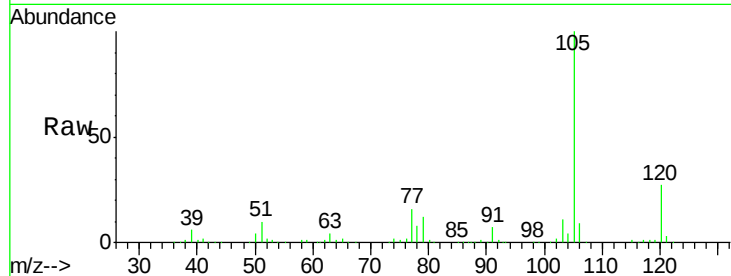
VX0327WBS01

Tgt Ion:105 Resp: 206366

Ion Ratio Lower Upper

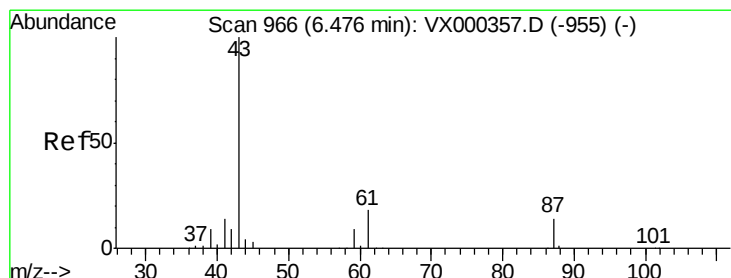
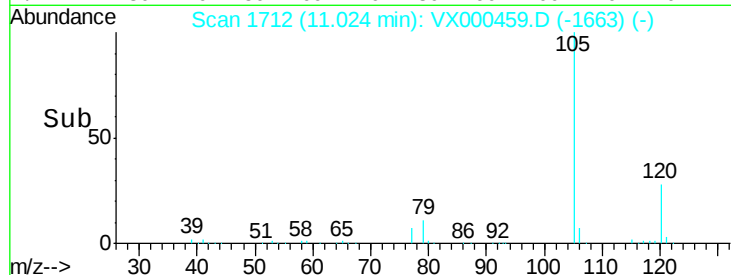
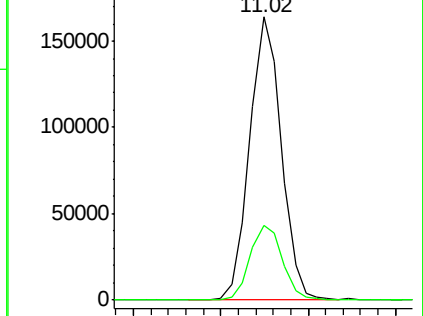
105 100

120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.33 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Tgt Ion: 43 Resp: 97862

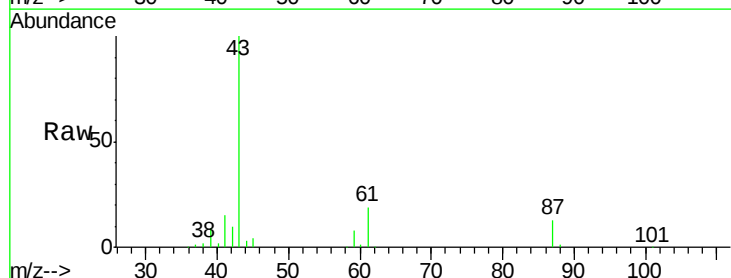
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.3 14.4 21.6

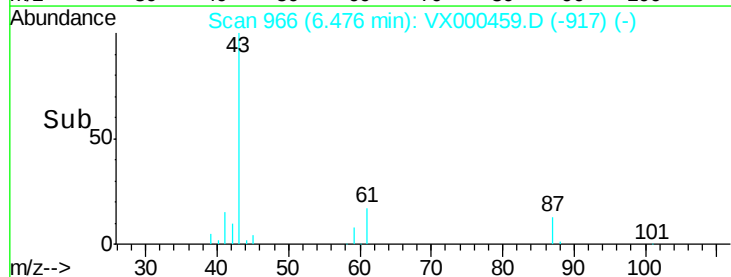
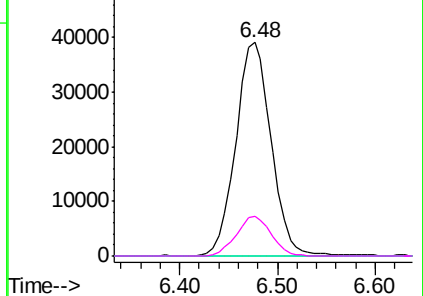


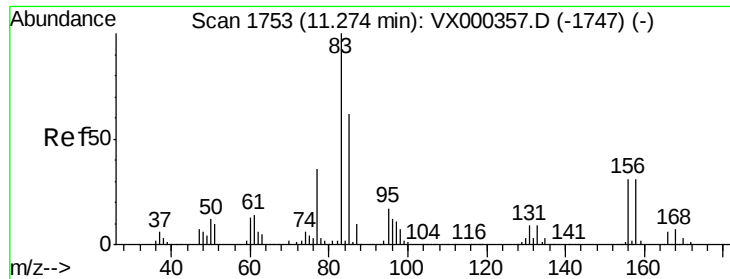
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

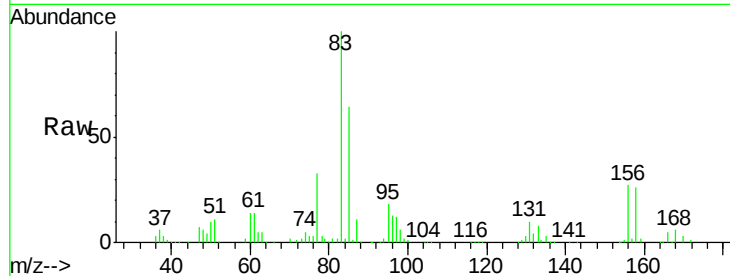




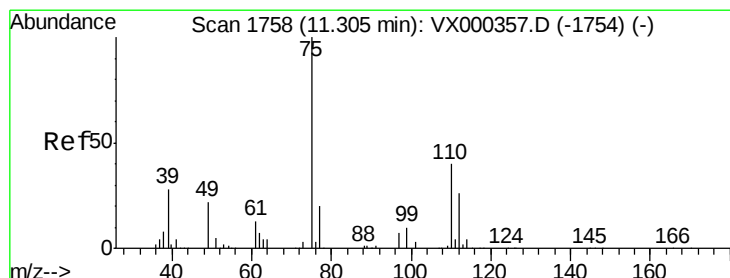
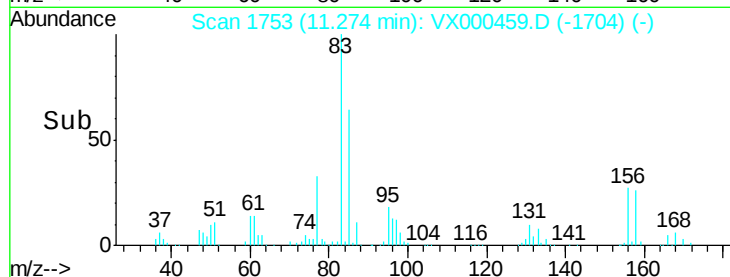
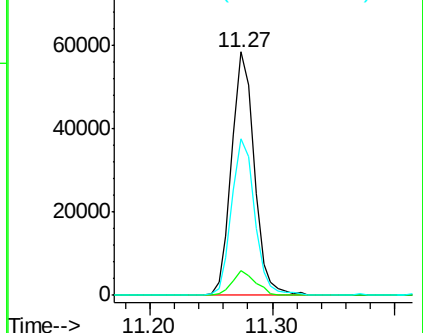
#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.77 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tgt Ion: 83 Resp: 74864
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 14.9
 85 65.8 32.5 97.5

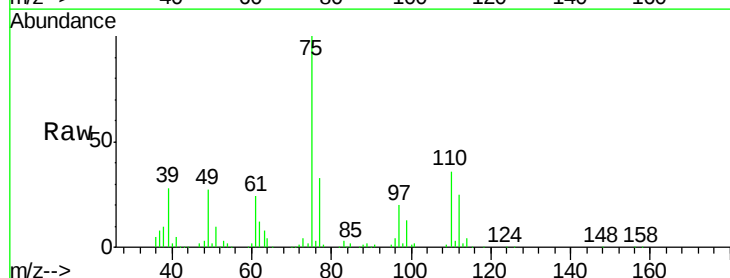


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VX0

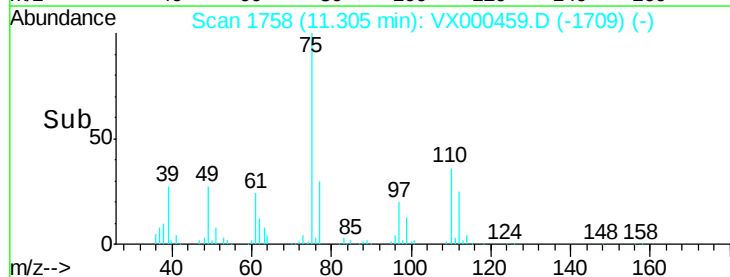
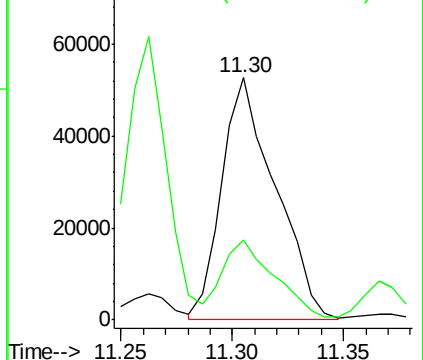


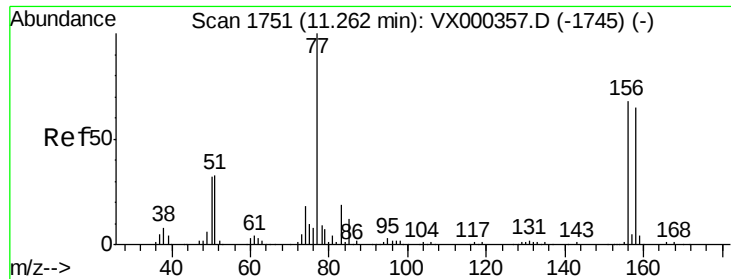
#76
 1,2,3-Trichloropropane
 Concen: 29.30 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion: 75 Resp: 88337
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.67 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

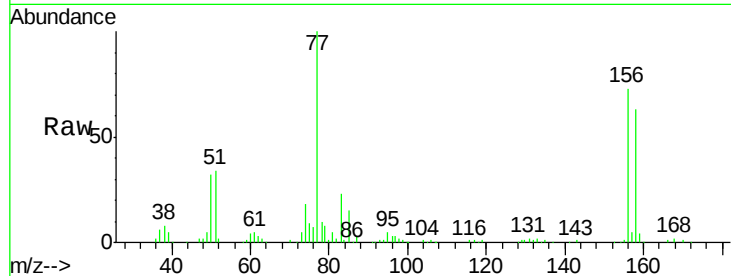
Tgt Ion:156 Resp: 53654

Ion Ratio Lower Upper

156 100

77 146.5 73.4 220.2

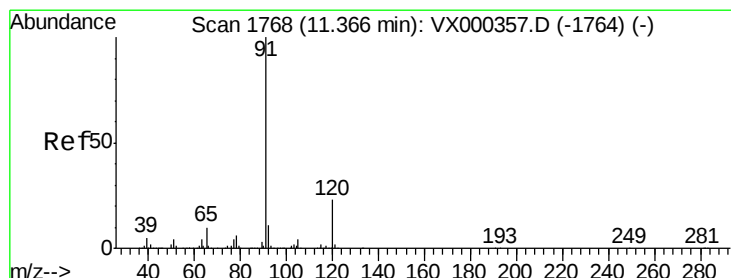
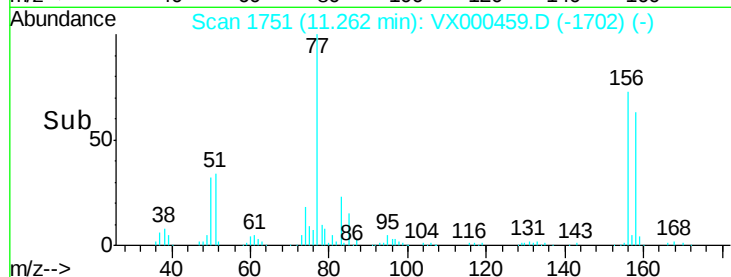
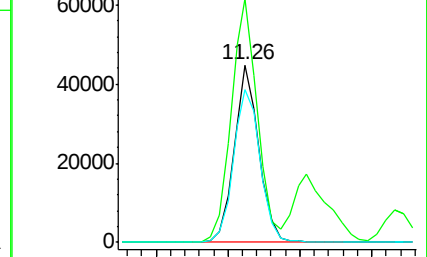
158 93.6 48.5 145.6



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: 22.53 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000459.D

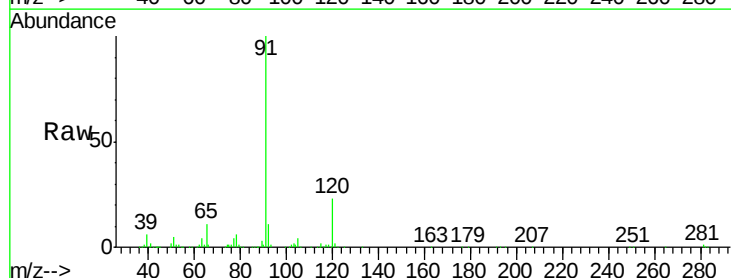
Acq: 27 Mar 2018 15:21

Tgt Ion: 91 Resp: 249751

Ion Ratio Lower Upper

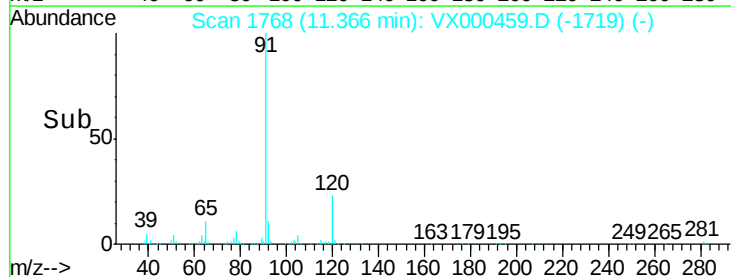
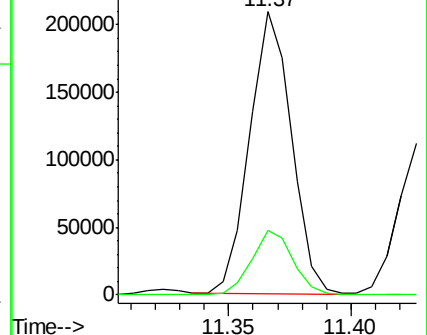
91 100

120 22.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.45 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

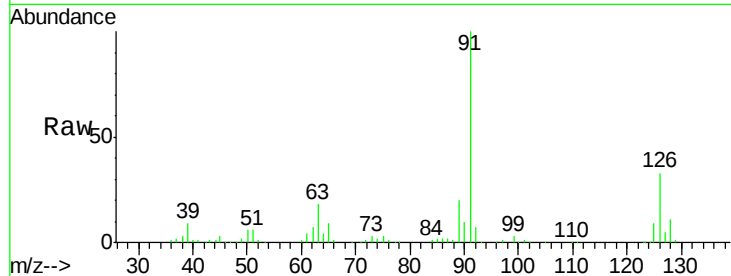
VX0327WBS01

Tgt Ion: 91 Resp: 137350

Ion Ratio Lower Upper

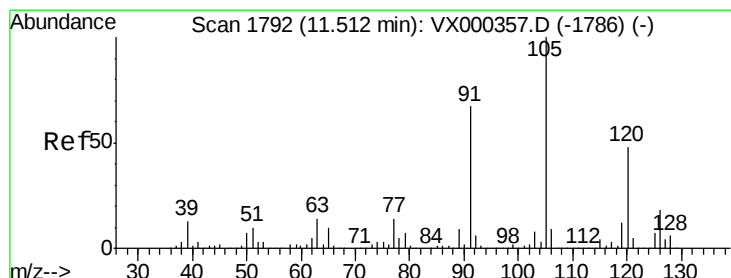
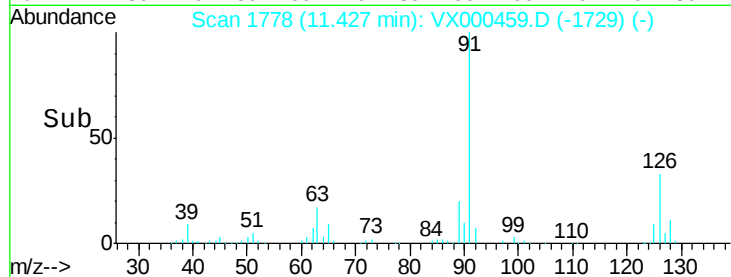
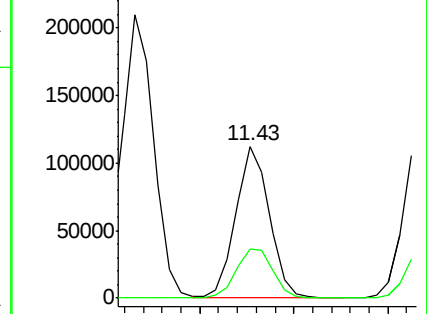
91 100

126 36.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.13 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000459.D

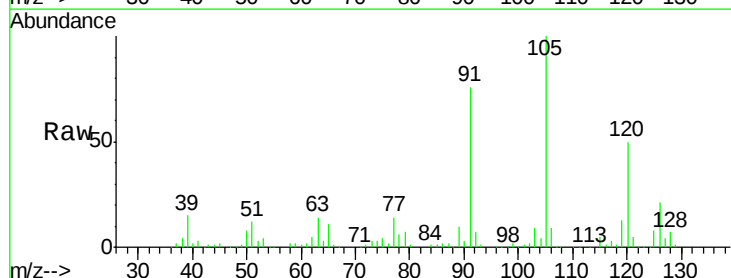
Acq: 27 Mar 2018 15:21

Tgt Ion: 105 Resp: 172976

Ion Ratio Lower Upper

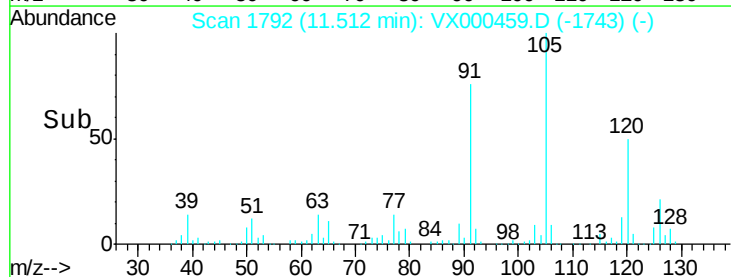
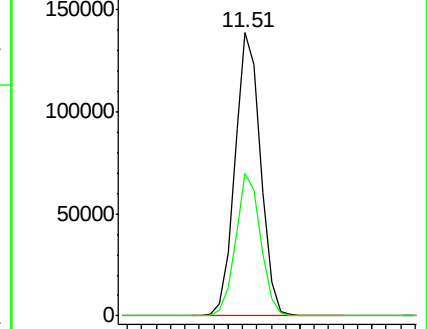
105 100

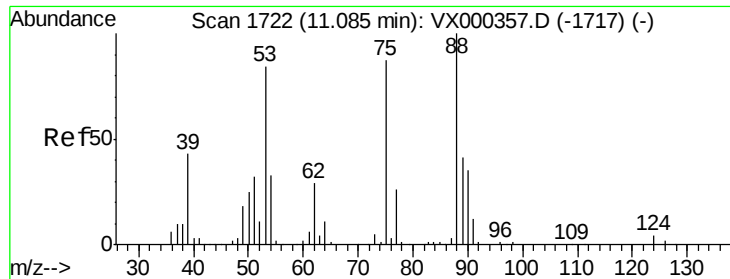
120 49.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

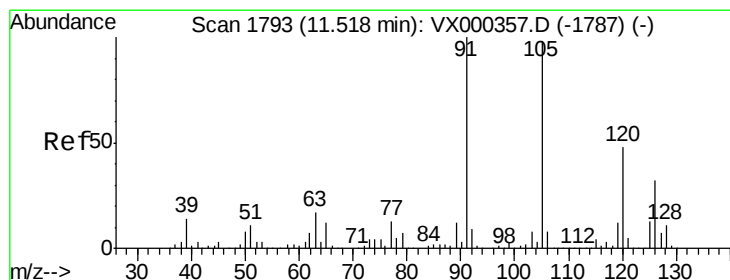
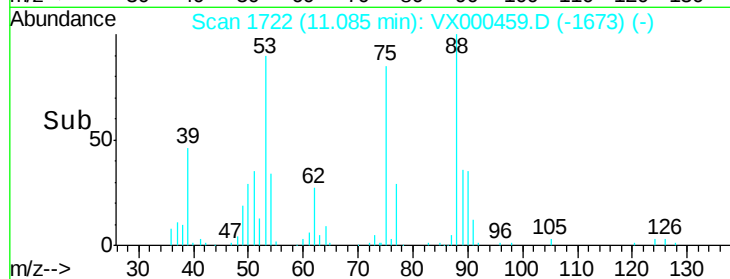
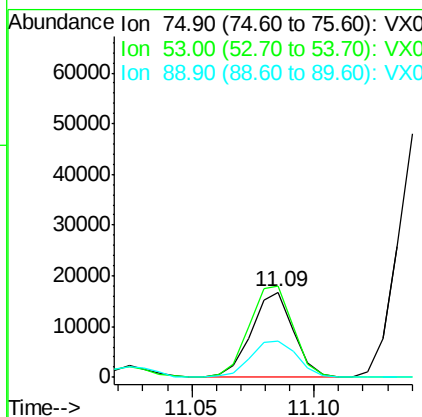
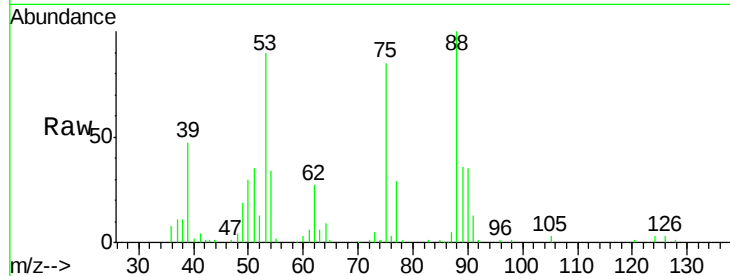




#81
trans-1,4-Dichloro-2-butene
Concen: 21.40 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

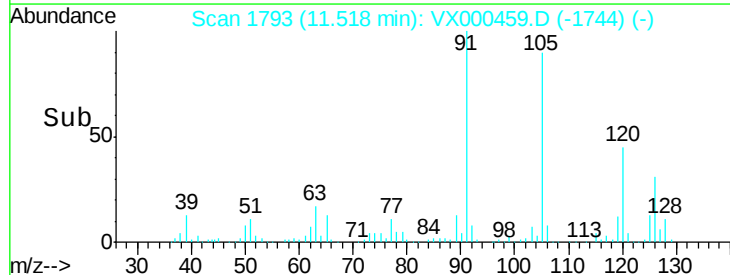
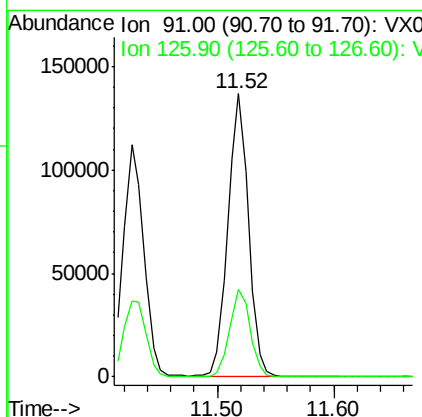
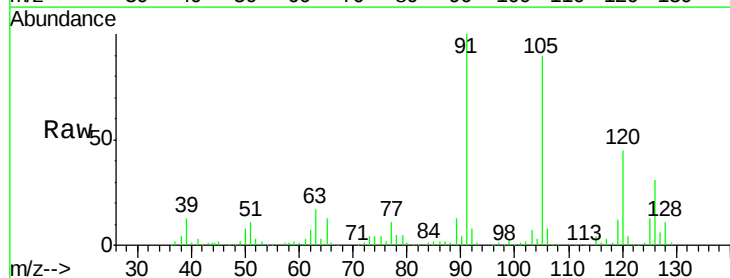
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

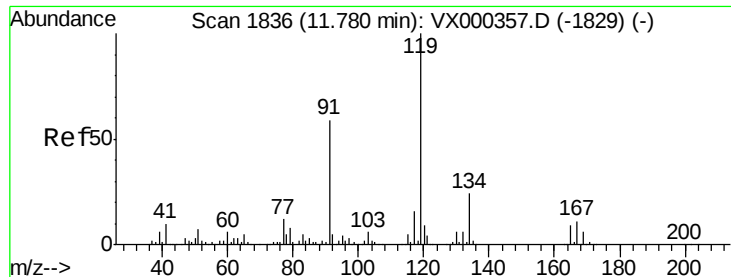
Tgt Ion: 75 Resp: 19930
Ion Ratio Lower Upper
75 100
53 113.5 80.7 121.1
89 48.0 39.4 59.0



#82
4-Chlorotoluene
Concen: 22.05 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 91 Resp: 168611
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.1

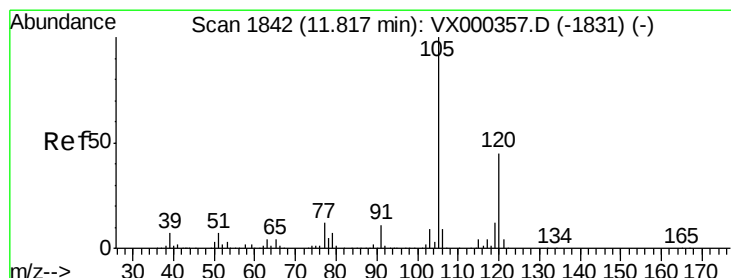
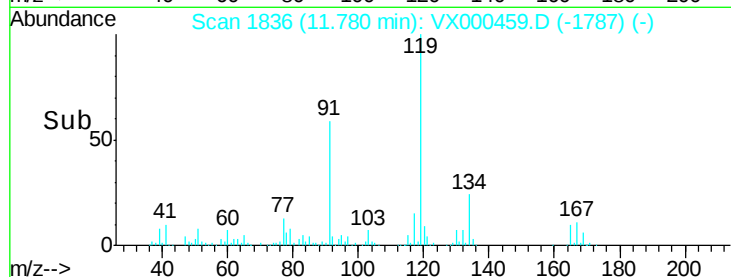
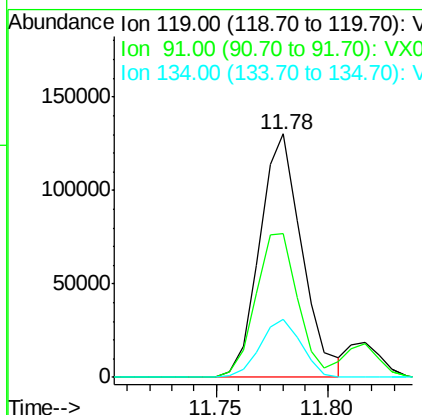
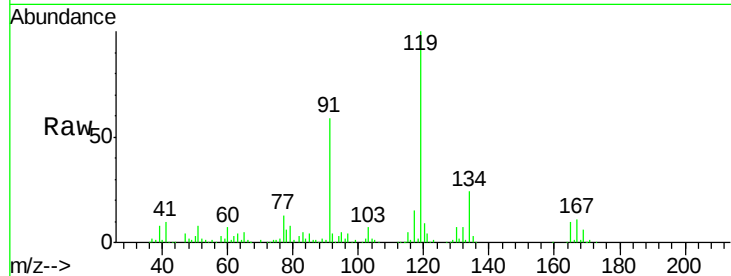




#83
 tert-Butylbenzene
 Concen: 21.88 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

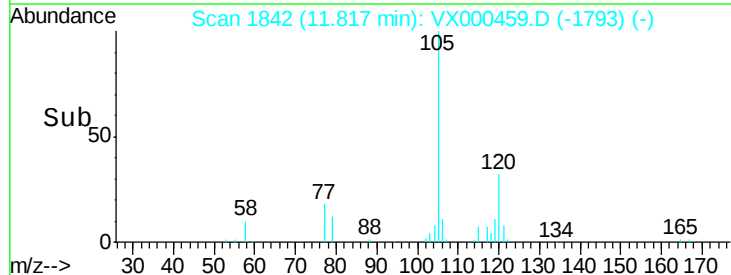
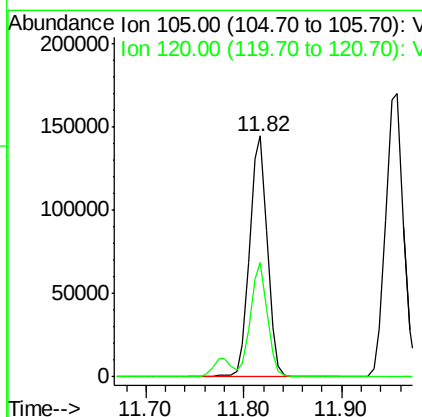
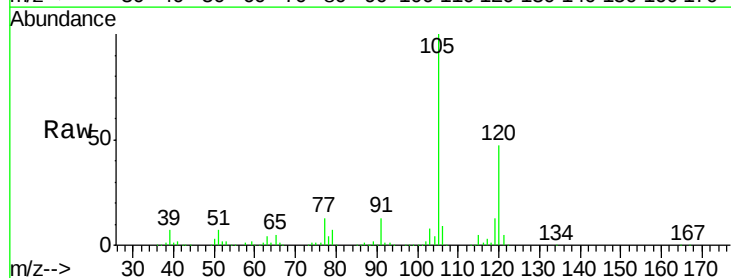
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

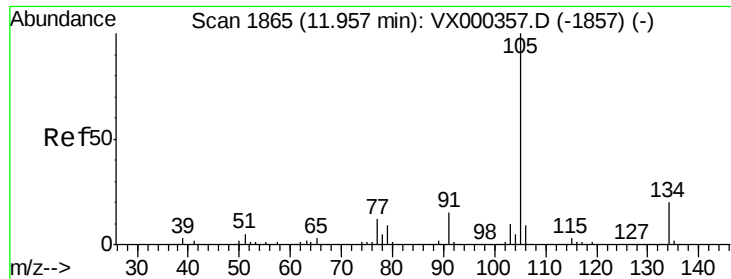
Tgt Ion:119 Resp: 172480
 Ion Ratio Lower Upper
 119 100
 91 58.8 28.8 86.4
 134 23.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 22.13 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion:105 Resp: 181374
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3

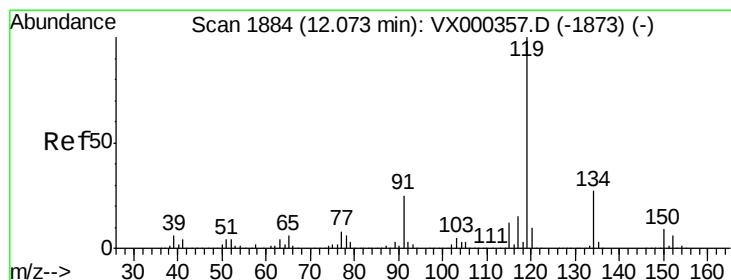
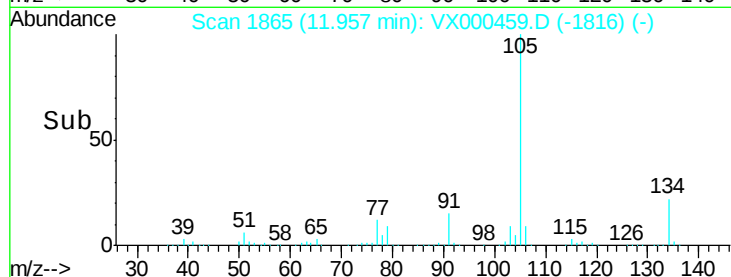
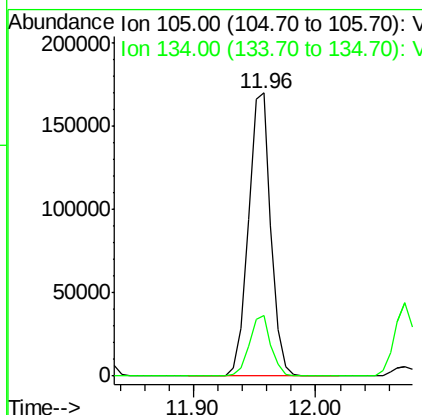
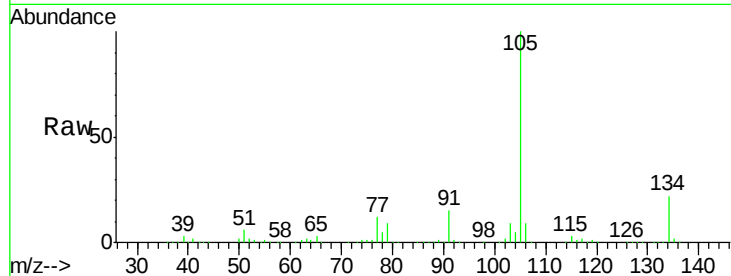




#85
 sec-Butylbenzene
 Concen: 22.17 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

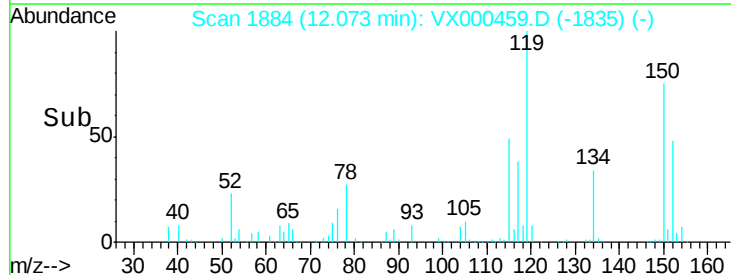
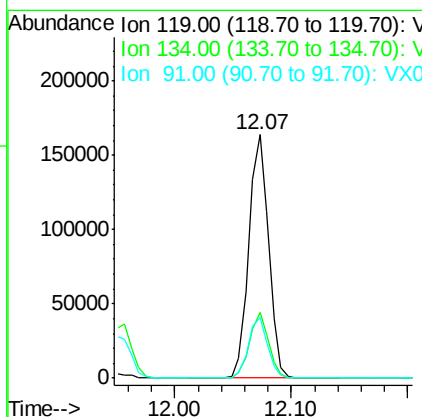
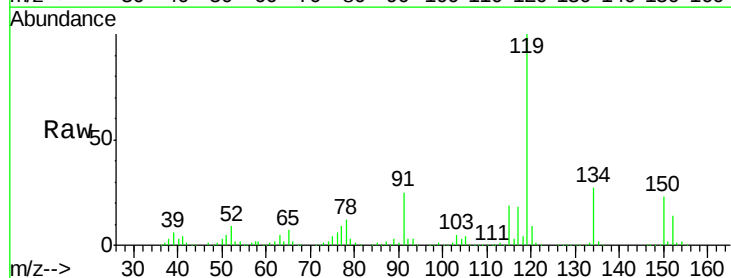
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

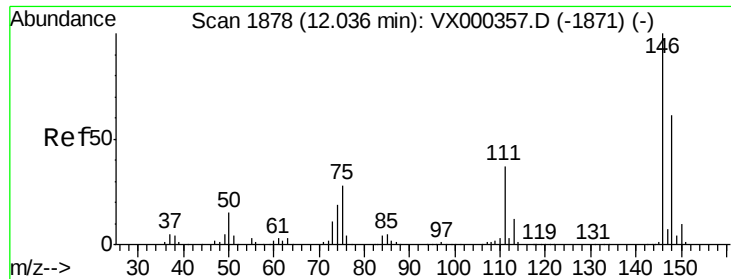
Tgt Ion:105 Resp: 216216
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 22.47 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion:119 Resp: 194682
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.9
 91 24.5 12.0 36.1

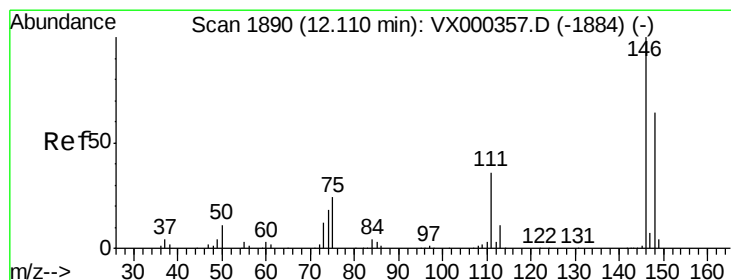
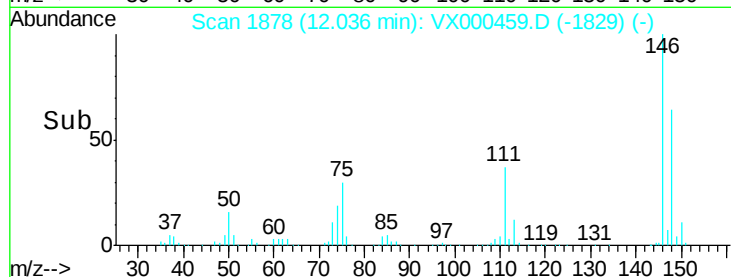
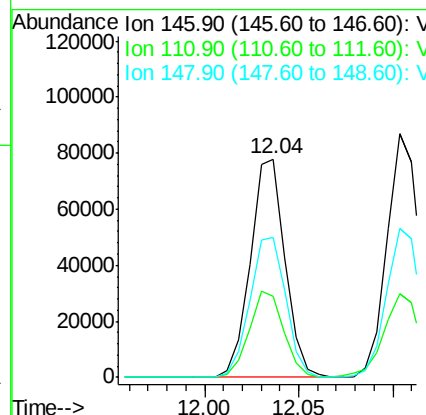
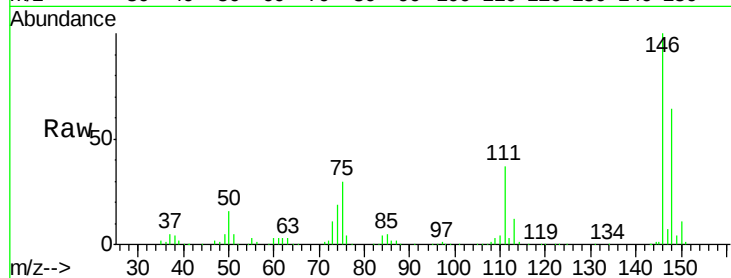




#87
 1,3-Dichlorobenzene
 Concen: 21.28 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

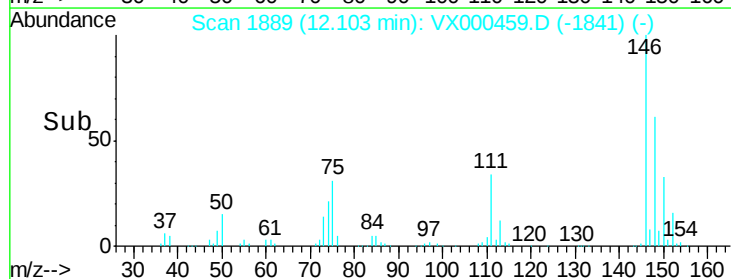
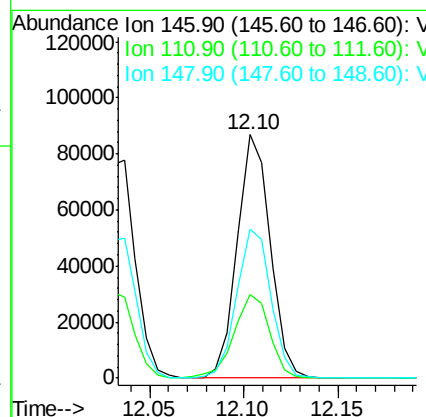
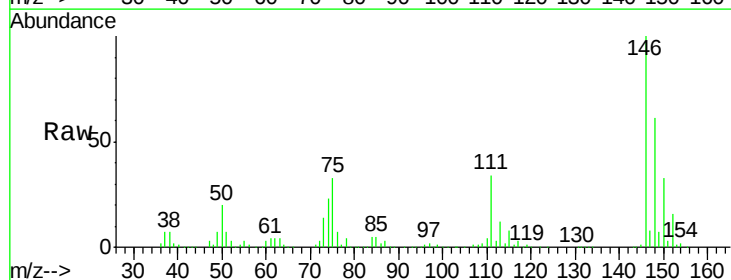
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tgt Ion:146 Resp: 99619
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.5 58.5
 148 66.5 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 21.50 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion:146 Resp: 105702
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.9
 148 63.7 31.0 93.0





#89

n-Butylbenzene

Concen: 22.81 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

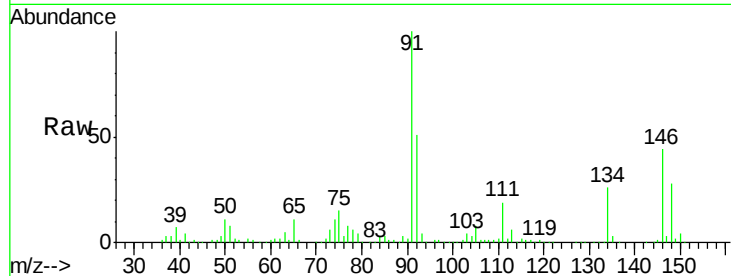
Tgt Ion: 91 Resp: 183976

Ion Ratio Lower Upper

91 100

92 51.3 25.9 77.8

134 25.3 13.1 39.3

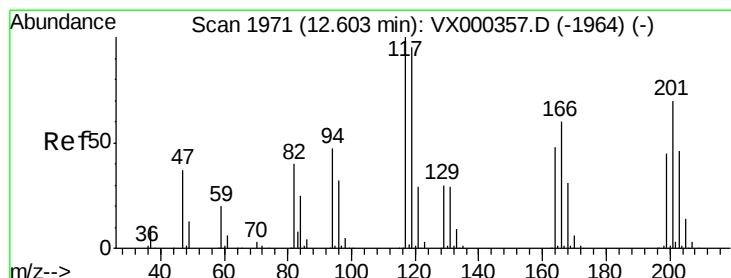
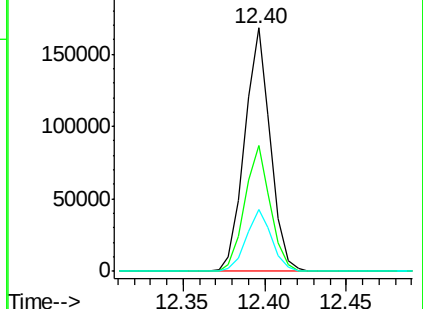
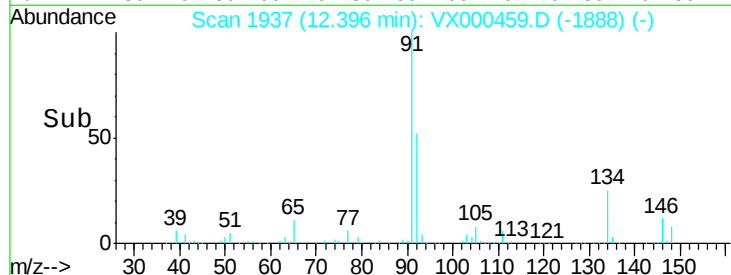


Abundance Ion 91.00 (90.70 to 91.70): VX000459.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000459.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000459.D (-1930) (-)

Time-->



#90

Hexachloroethane

Concen: 21.58 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000459.D

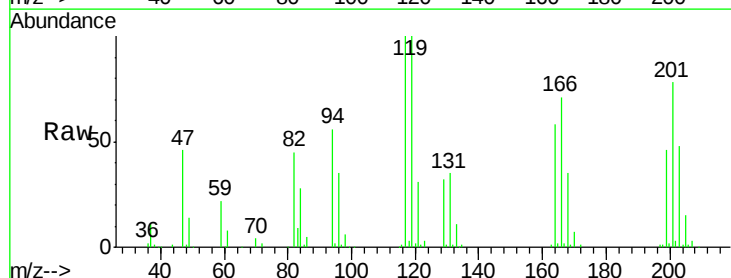
Acq: 27 Mar 2018 15:21

Tgt Ion: 117 Resp: 29430

Ion Ratio Lower Upper

117 100

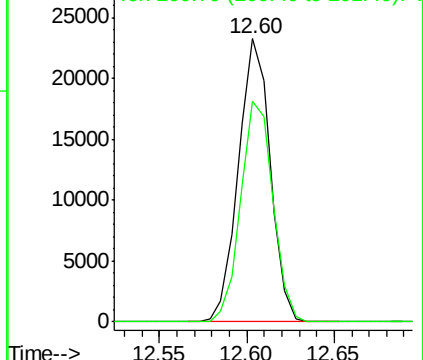
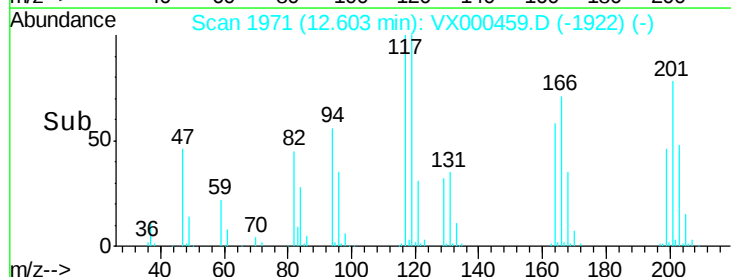
201 78.9 37.9 113.6

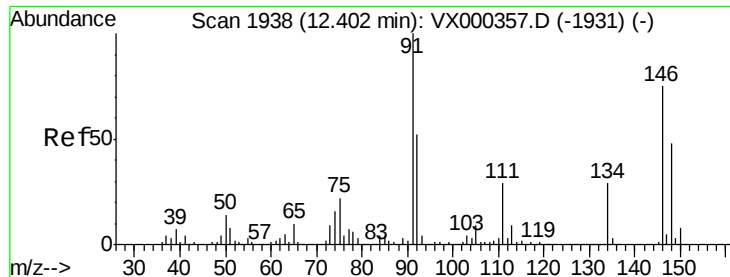


Abundance Ion 116.80 (116.50 to 117.50): VX000459.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000459.D (-1964) (-)

Time-->

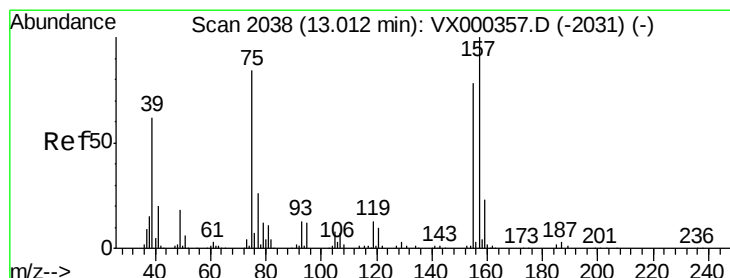
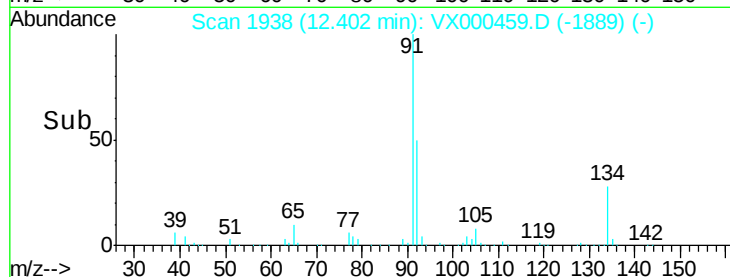
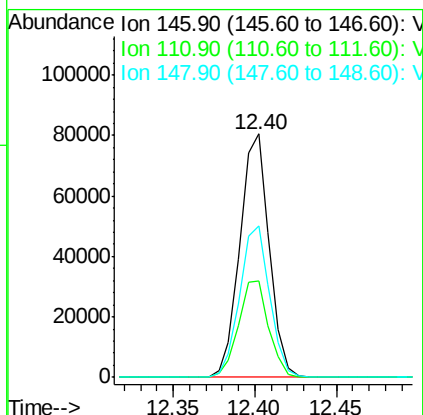
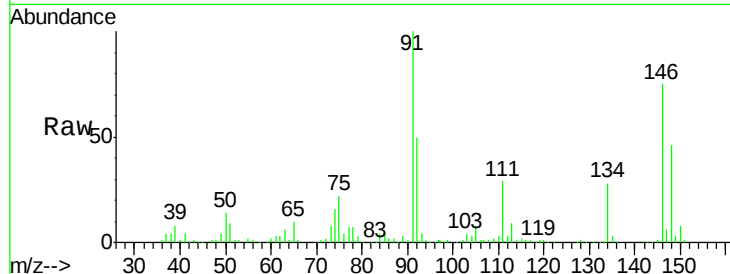




#91
 1,2-Dichlorobenzene
 Concen: 21.97 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

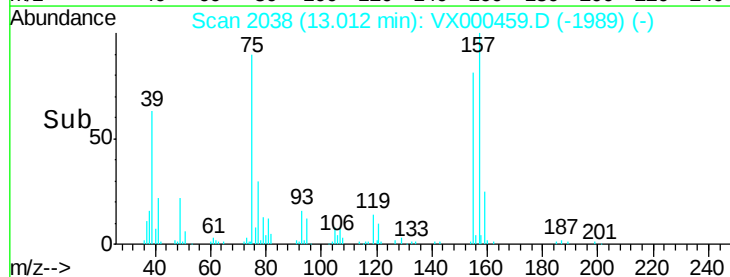
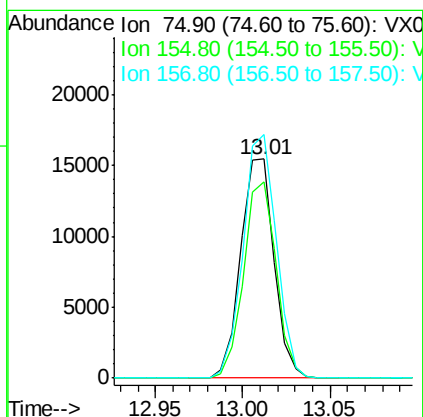
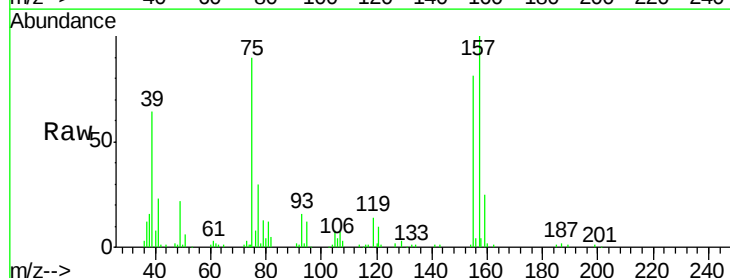
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

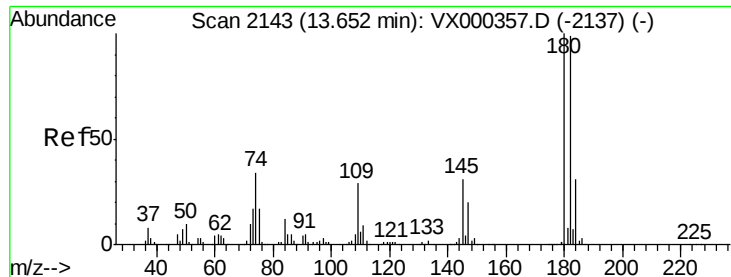
Tgt Ion: 146 Resp: 100858
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.1 60.2
 148 63.6 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.41 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion: 75 Resp: 20548
 Ion Ratio Lower Upper
 75 100
 155 87.3 45.0 134.8
 157 110.3 58.1 174.2

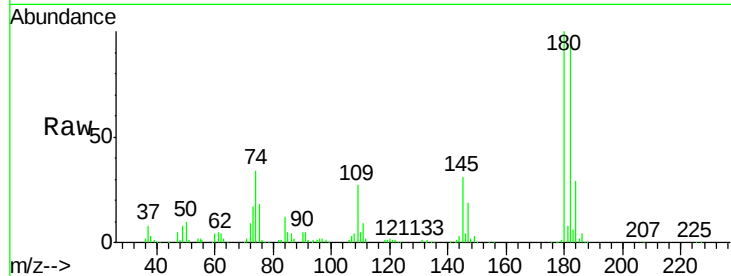




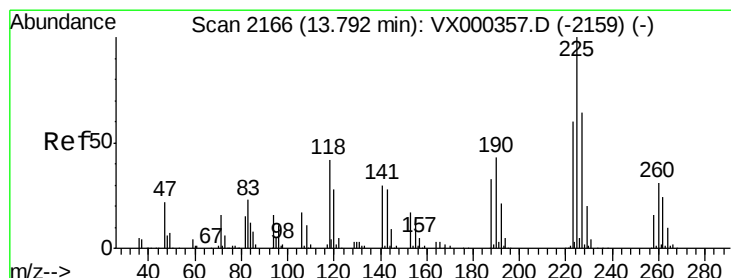
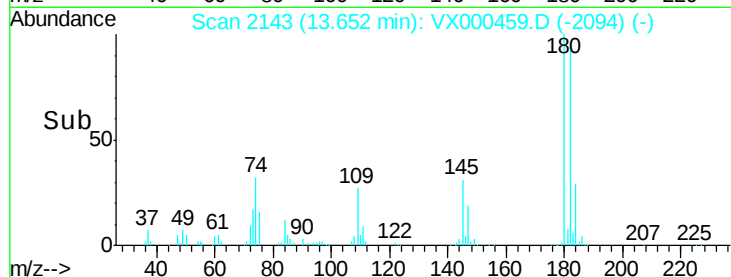
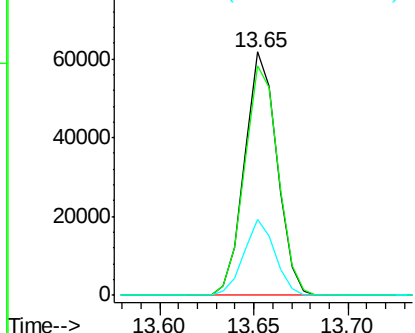
#93
 1,2,4-Trichlorobenzene
 Concen: 22.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tgt Ion:180 Resp: 73838
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.6 142.9
 145 29.9 15.1 45.3

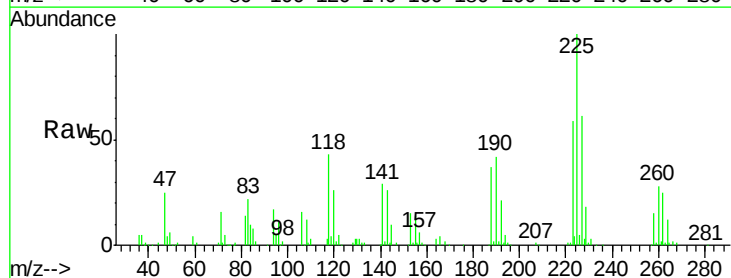


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

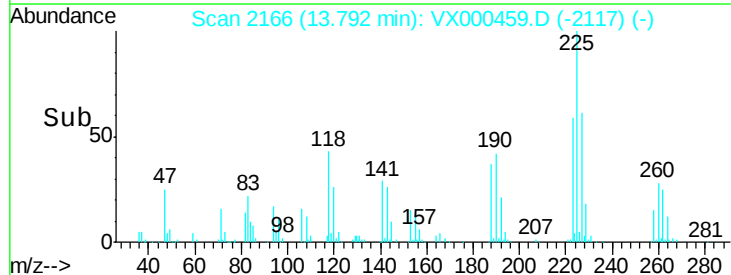
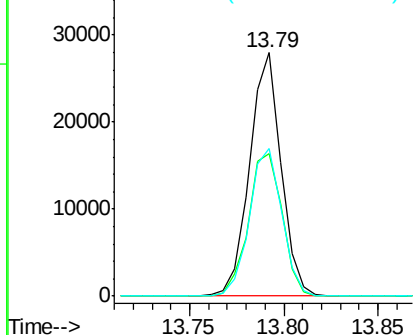


#94
 Hexachlorobutadiene
 Concen: 23.73 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion:225 Resp: 32330
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.0 96.0
 227 62.6 32.6 98.0



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: 22.98 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

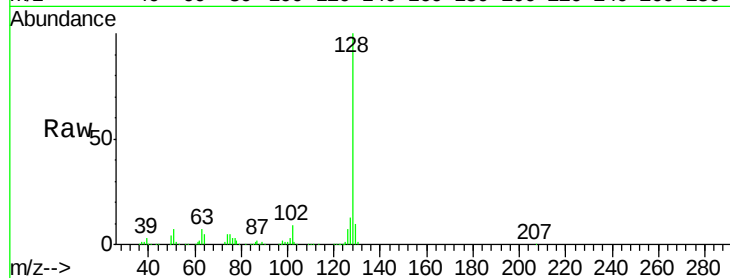
Tgt Ion:128 Resp: 263373

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

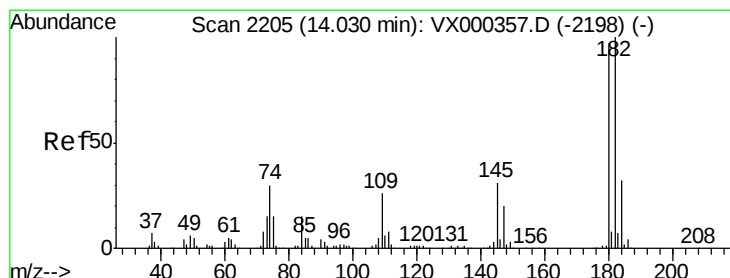
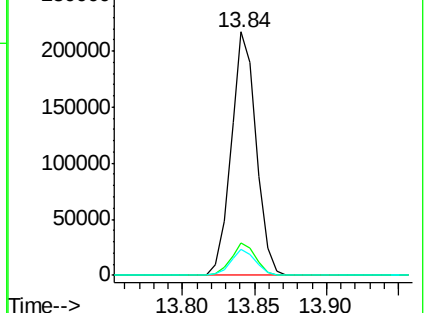
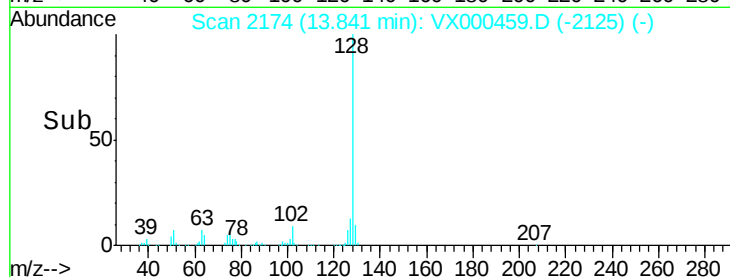
129 10.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.71 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

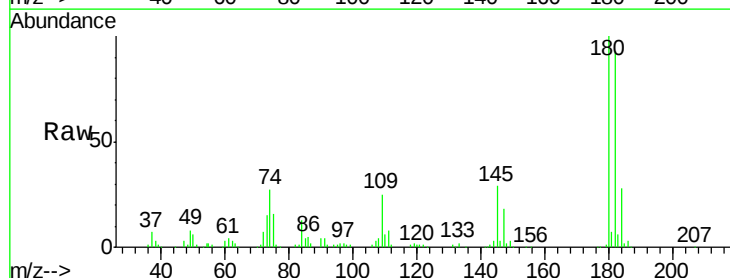
Tgt Ion:180 Resp: 77106

Ion Ratio Lower Upper

180 100

182 93.2 47.4 142.3

145 30.7 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

