

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
 Data File : VX001188.D
 Acq On : 27 Apr 2018 23:43
 Operator : JC/MD
 Sample : VX0427WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS02

Quant Time: Apr 28 03:14:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	280503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	179946	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	142654	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
35) Dibromofluoromethane	5.51	113	115517	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.72	98	437664	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.14	95	164580	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	43692	20.266	ug/l	99
3) Chloromethane	1.32	50	41730	18.483	ug/l	98
4) Vinyl Chloride	1.40	62	46122	19.253	ug/l	97
5) Bromomethane	1.64	94	35825	23.251	ug/l	99
6) Chloroethane	1.73	64	29505	19.568	ug/l	98
7) Trichlorofluoromethane	1.93	101	81113	20.966	ug/l	97
8) Diethyl Ether	2.19	74	28372	19.073	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44962	21.093	ug/l	99
10) Methyl Iodide	2.51	142	29418	18.591	ug/l	100
11) Tert butyl alcohol	3.07	59	56966	90.652	ug/l	98
12) 1,1-Dichloroethene	2.38	96	41749	20.083	ug/l	91
13) Acrolein	2.30	56	15728	66.206	ug/l	92
14) Allyl chloride	2.73	41	73432	19.364	ug/l	98
15) Acrylonitrile	3.15	53	118834	88.556	ug/l	98
16) Acetone	2.45	43	111351	84.974	ug/l	98
17) Carbon Disulfide	2.57	76	97515	18.384	ug/l	100
18) Methyl Acetate	2.78	43	62310	19.002	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	146542	19.149	ug/l	99
20) Methylene Chloride	2.86	84	46675	19.125	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	44959	19.564	ug/l	98
22) Diisopropyl ether	3.88	45	140339	18.495	ug/l	94
23) Vinyl Acetate	3.83	43	588944	91.492	ug/l	99
24) 1,1-Dichloroethane	3.70	63	77574	19.452	ug/l	98
25) 2-Butanone	4.71	43	164707	84.003	ug/l	99
26) 2,2-Dichloropropane	4.59	77	49670	15.824	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	48511	19.280	ug/l	99
28) Bromochloromethane	5.03	49	31560	17.650	ug/l	98
29) Tetrahydrofuran	5.17	42	106991	84.869	ug/l	99
30) Chloroform	5.23	83	82228	19.390	ug/l	100
31) Cyclohexane	5.58	56	67029	19.783	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	71519	19.536	ug/l	98
36) 1,1-Dichloropropene	5.81	75	59787	19.342	ug/l	99
37) Ethyl Acetate	4.87	43	64039	17.300	ug/l	100
38) Carbon Tetrachloride	5.79	117	62287	19.652	ug/l	98

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 VX0427WBS02

Quant Time: Apr 28 03:14:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	67552	19.746	ug/l	97
40) Benzene	6.15	78	179719	20.099	ug/l	100
41) Methacrylonitrile	5.07	41	37053	17.814	ug/l	99
42) 1,2-Dichloroethane	6.20	62	70743	19.633	ug/l	100
43) Isopropyl Acetate	6.48	43	102398	17.614	ug/l	99
44) Trichloroethene	7.22	130	53602	20.122	ug/l	96
45) 1,2-Dichloropropane	7.52	63	44972	19.122	ug/l	98
46) Dibromomethane	7.67	93	32378	19.881	ug/l	99
47) Bromodichloromethane	7.90	83	56788	19.192	ug/l	98
48) Methyl methacrylate	7.79	41	55535	17.972	ug/l	99
49) 1,4-Dioxane	7.76	88	21741	351.418	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	350959	91.904	ug/l	97
52) Toluene	8.79	92	117747	20.137	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	64623	18.786	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	59611	18.132	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	48472	19.593	ug/l	99
56) Ethyl methacrylate	9.19	69	68136	18.589	ug/l	98
57) 1,3-Dichloropropane	9.38	76	79670	19.907	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	159918	92.287	ug/l	99
59) 2-Hexanone	9.51	43	264606	88.436	ug/l	99
60) Dibromochloromethane	9.59	129	48245	18.924	ug/l	99
61) 1,2-Dibromoethane	9.68	107	51476	19.861	ug/l	99
64) Tetrachloroethene	9.34	164	60876	21.267	ug/l	97
65) Chlorobenzene	10.15	112	139757	19.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	48376	19.900	ug/l	99
67) Ethyl Benzene	10.26	91	228817	20.044	ug/l	99
68) m/p-Xylenes	10.37	106	181534	40.224	ug/l	99
69) o-Xylene	10.71	106	87137	19.906	ug/l	99
70) Styrene	10.72	104	144334	19.813	ug/l	100
71) Bromoform	10.86	173	37613	18.205	ug/l	98
73) Isopropylbenzene	11.02	105	235531	20.082	ug/l	100
74) N-amyl acetate	6.48	43	102398	17.326	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	72073	18.521	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75611	20.635	ug/l	89
77) Bromobenzene	11.26	156	68685	19.748	ug/l	99
78) n-propylbenzene	11.37	91	266151	20.351	ug/l	99
79) 2-Chlorotoluene	11.43	91	161104	19.872	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	198731	20.013	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	13538	15.693	ug/l	86
82) 4-Chlorotoluene	11.52	91	189618	19.678	ug/l	100
83) tert-Butylbenzene	11.77	119	192027	19.377	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	204465	20.032	ug/l	99
85) sec-Butylbenzene	11.95	105	235045	20.304	ug/l	99
86) p-Isopropyltoluene	12.07	119	215324	19.995	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	124597	19.955	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126396	19.429	ug/l	99
89) n-Butylbenzene	12.40	91	178359	19.136	ug/l	99
90) Hexachloroethane	12.60	117	29181	19.035	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	124504	19.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14659	17.069	ug/l	98

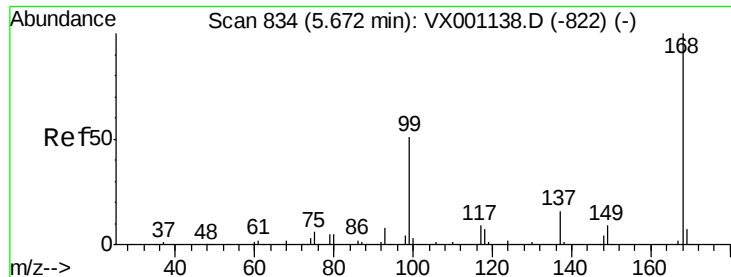
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
Data File : VX001188.D
Acq On : 27 Apr 2018 23:43
Operator : JC/MD
Sample : VX0427WBS02
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ClientSampleId :
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Quant Time: Apr 28 03:14:57 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93346	18.868	ug/l	100
94) Hexachlorobutadiene	13.79	225	43756	18.815	ug/l	99
95) Naphthalene	13.84	128	256470	18.606	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94606	19.216	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

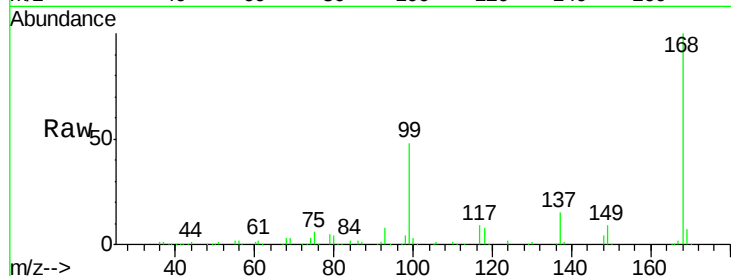
VX0427WBS02

Tgt Ion:168 Resp: 205572

Ion Ratio Lower Upper

168 100

99 48.3 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

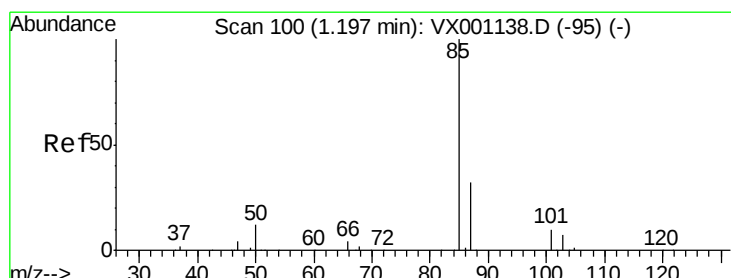
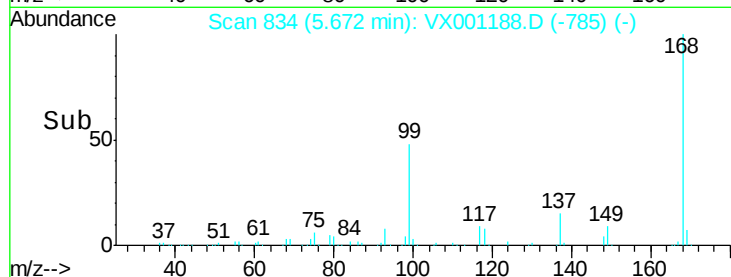
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.266 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001188.D

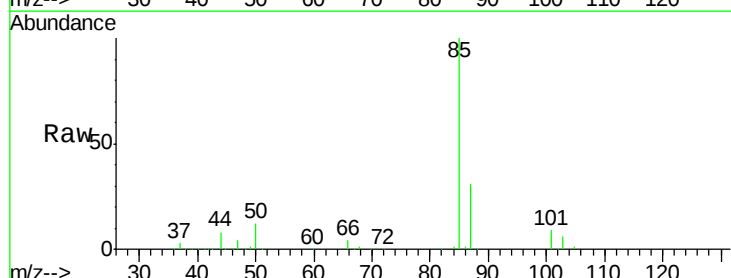
Acq: 27 Apr 2018 23:43

Tgt Ion: 85 Resp: 43692

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

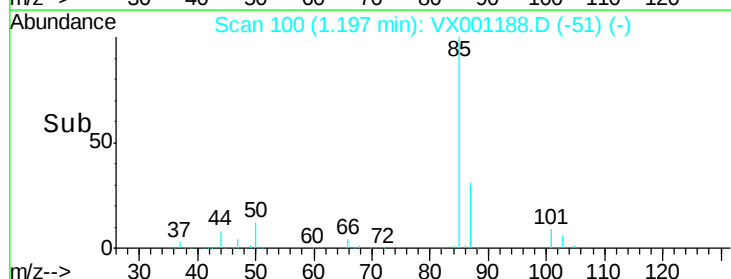
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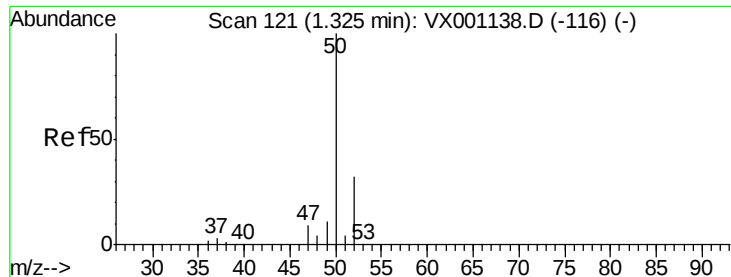
20000

10000

0

Time--> 1.15 1.20 1.25 1.30

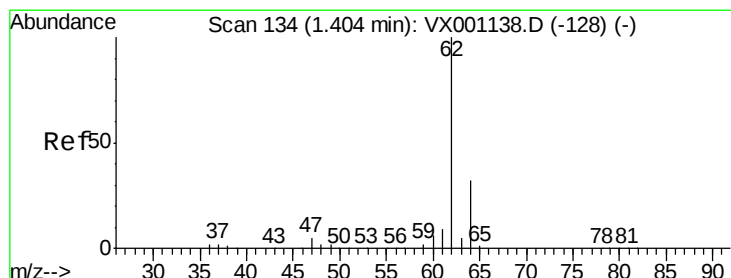
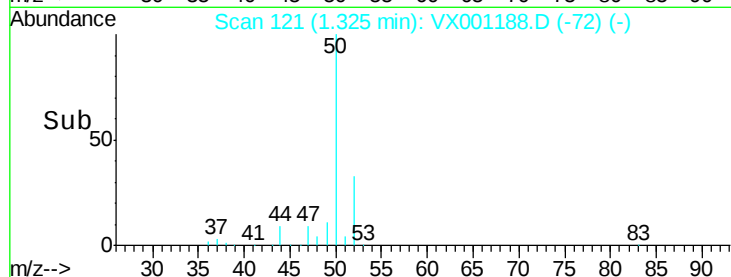
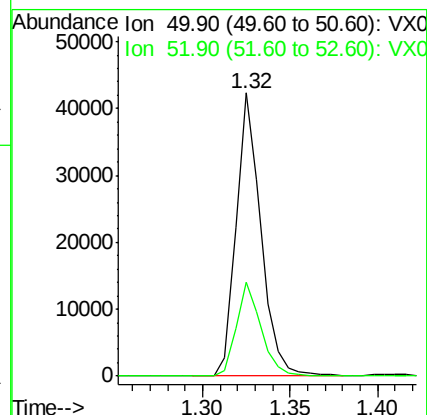
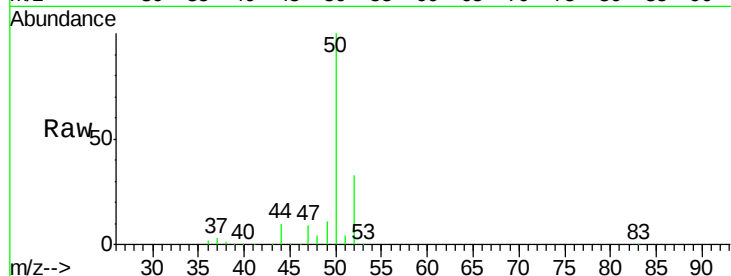




#3
Chloromethane
Concen: 18.483 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

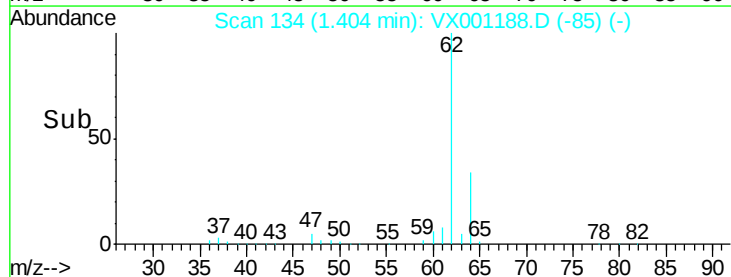
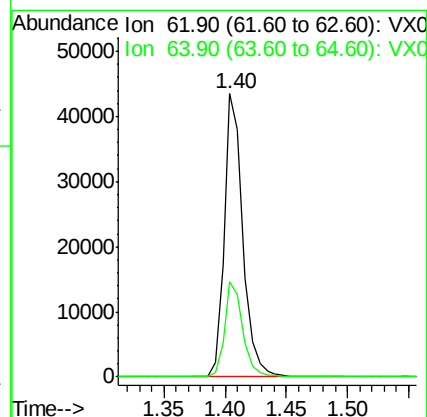
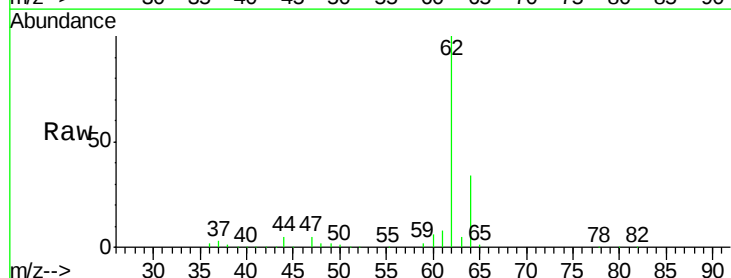
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS02

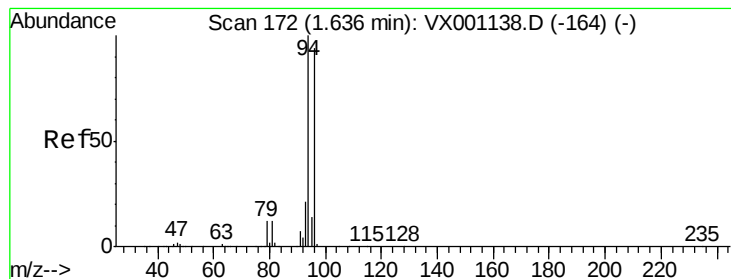
Tgt Ion: 50 Resp: 41730
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9



#4
Vinyl Chloride
Concen: 19.253 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Tgt Ion: 62 Resp: 46122
Ion Ratio Lower Upper
62 100
64 33.6 25.6 38.4





#5

Bromomethane

Concen: 23.251 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

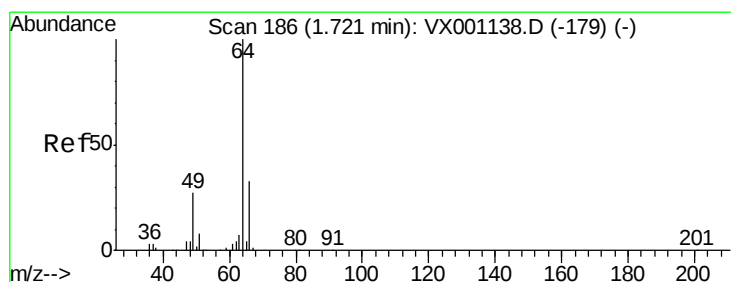
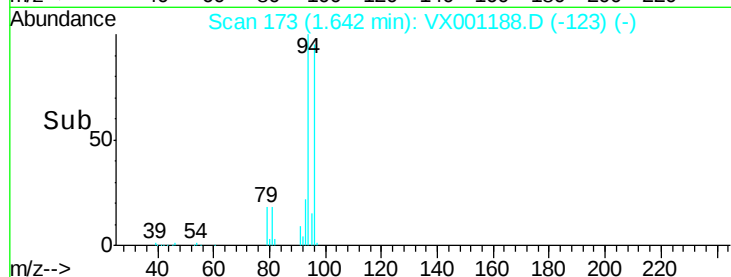
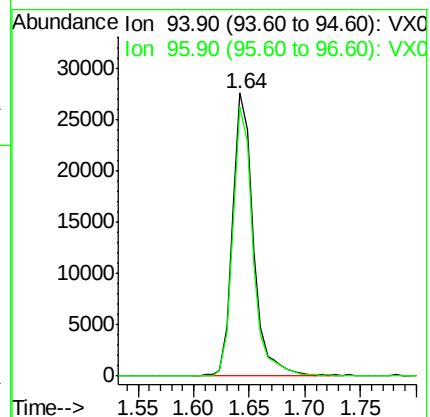
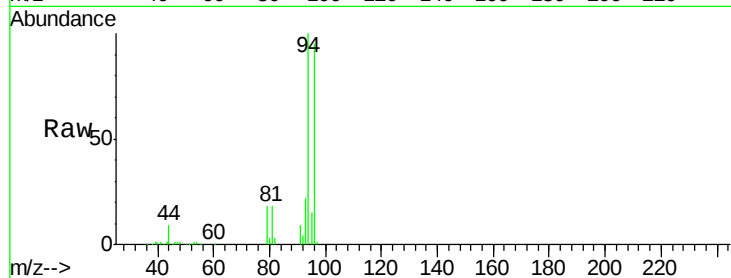
VX0427WBS02

Tgt Ion: 94 Resp: 35825

Ion Ratio Lower Upper

94 100

96 95.2 75.3 112.9



#6

Chloroethane

Concen: 19.568 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001188.D

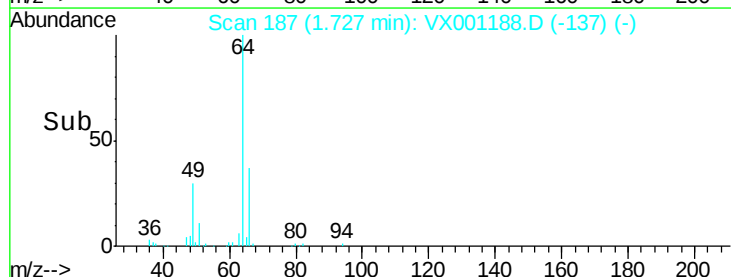
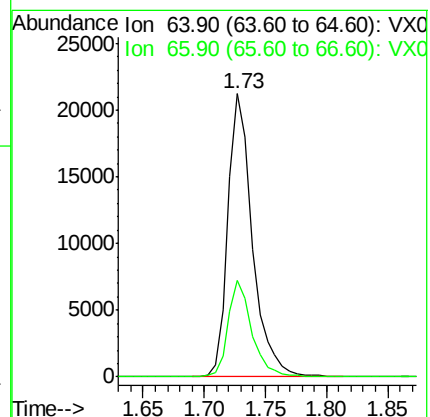
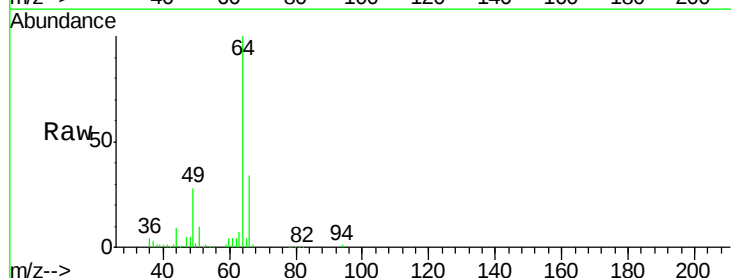
Acq: 27 Apr 2018 23:43

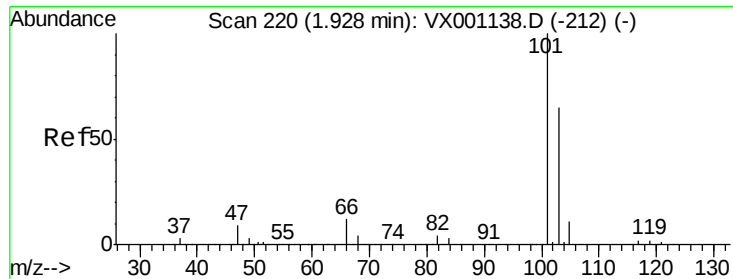
Tgt Ion: 64 Resp: 29505

Ion Ratio Lower Upper

64 100

66 33.9 26.1 39.1



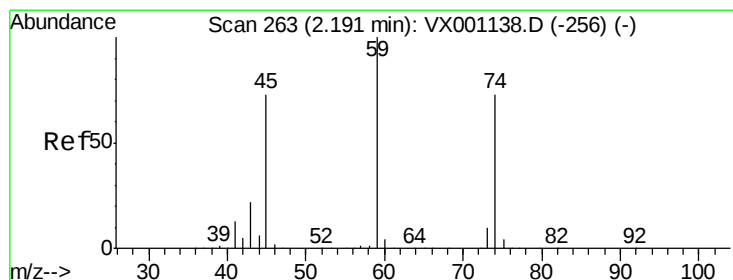
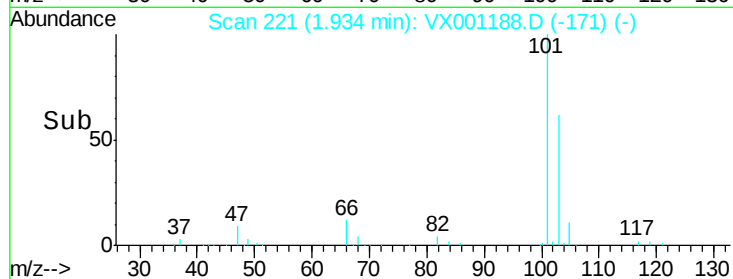
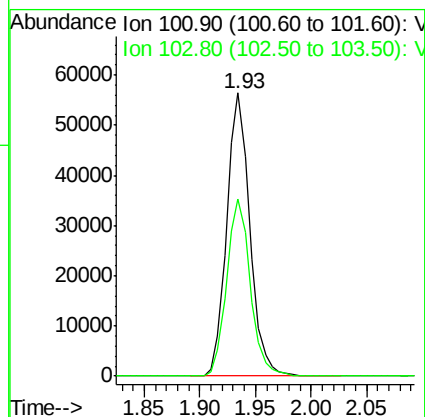
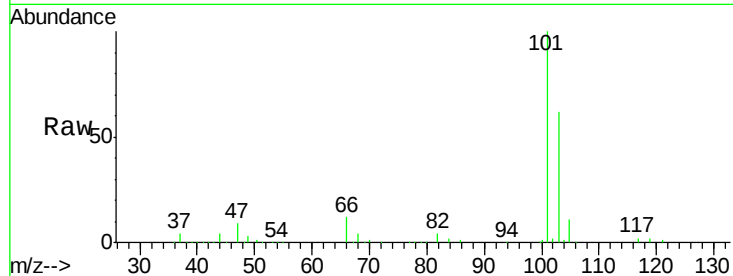


#7

Trichlorofluoromethane
 Concen: 20.966 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS02

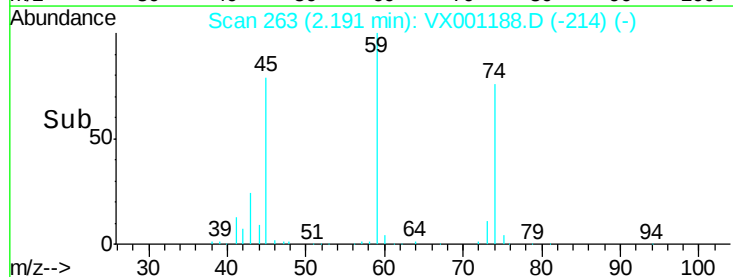
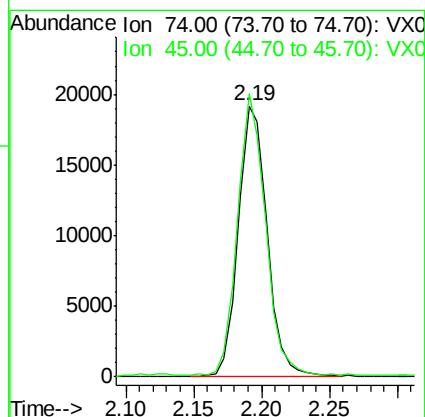
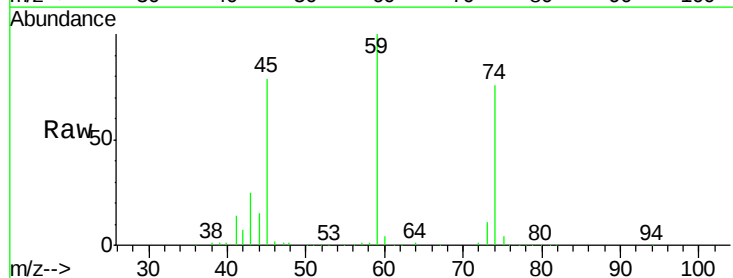
Tgt Ion:101 Resp: 81113
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.9 77.9

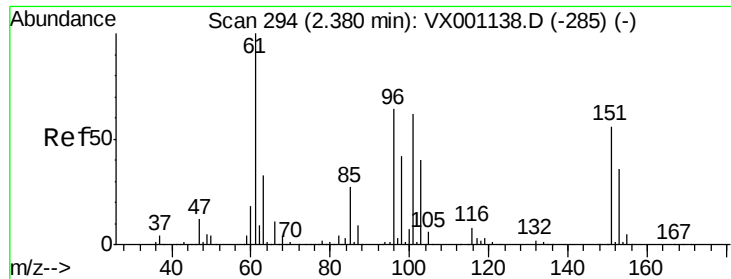


#8

Diethyl Ether
 Concen: 19.073 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

Tgt Ion: 74 Resp: 28372
 Ion Ratio Lower Upper
 74 100
 45 101.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.093 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

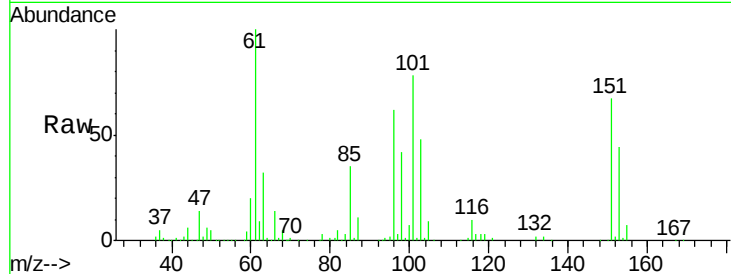
Tgt Ion:101 Resp: 44962

Ion Ratio Lower Upper

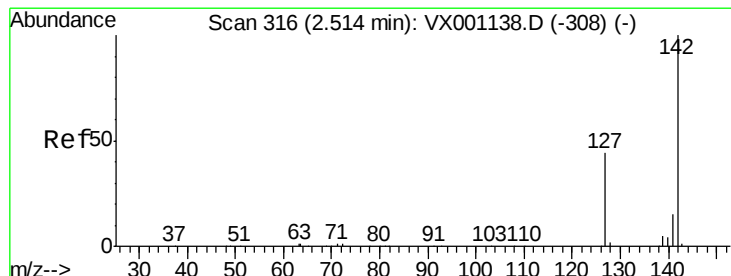
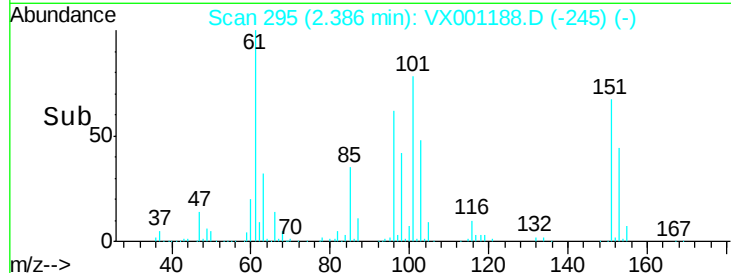
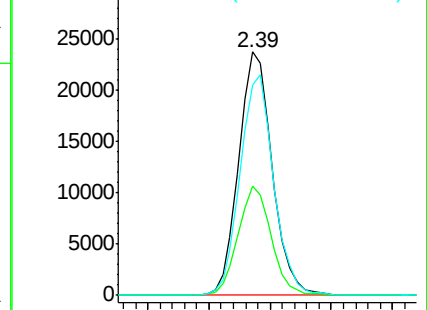
101 100

85 44.4 35.4 53.0

151 91.1 74.2 111.4



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: 18.591 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

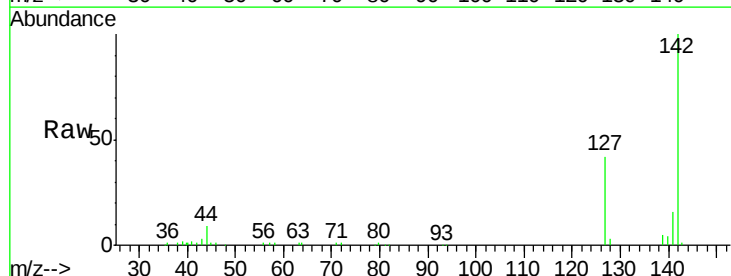
Tgt Ion:142 Resp: 29418

Ion Ratio Lower Upper

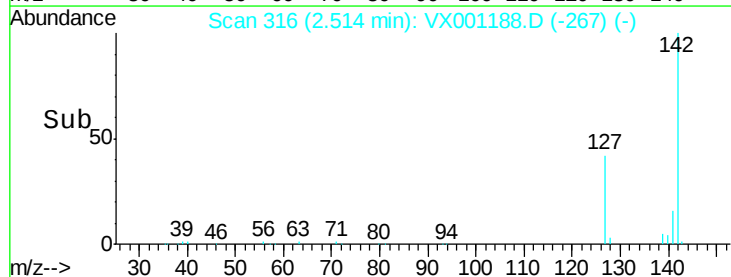
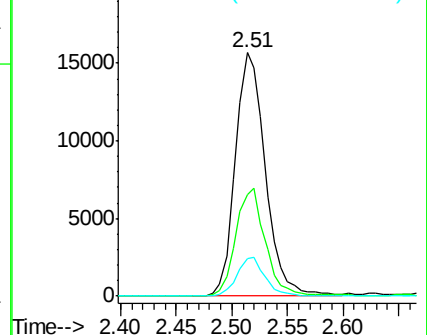
142 100

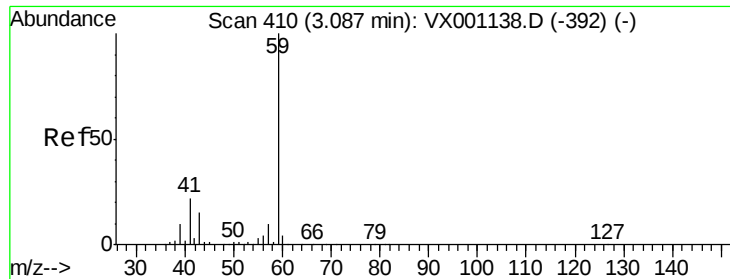
127 43.1 34.7 52.1

141 14.8 11.6 17.4



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

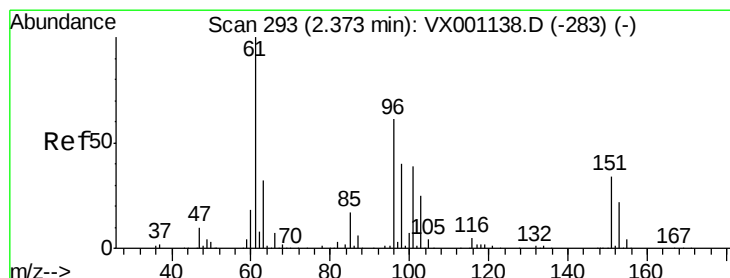
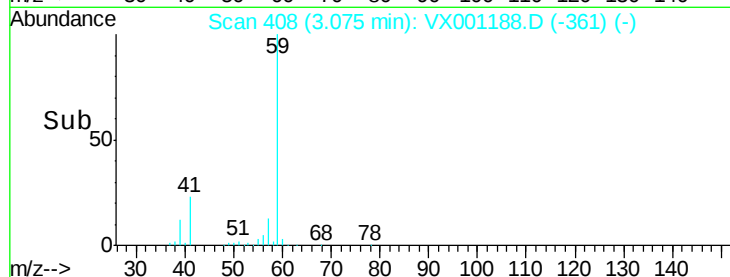
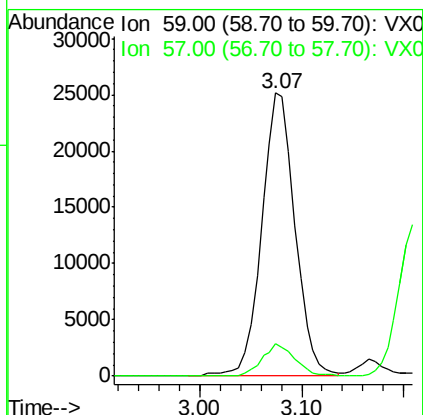
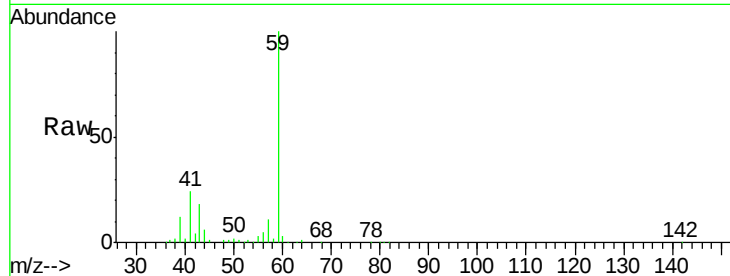




#11
Tert butyl alcohol
Concen: 90.652 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

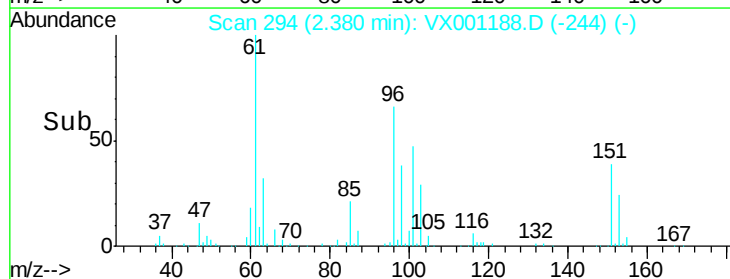
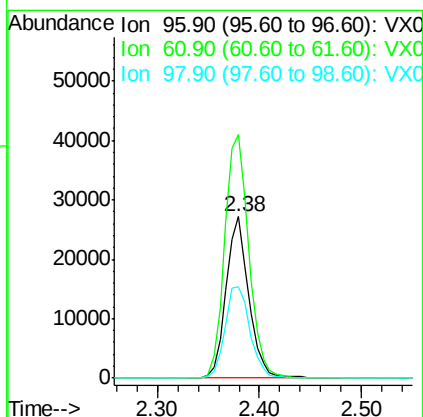
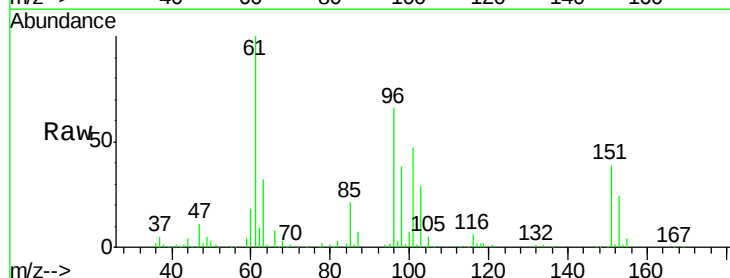
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS02

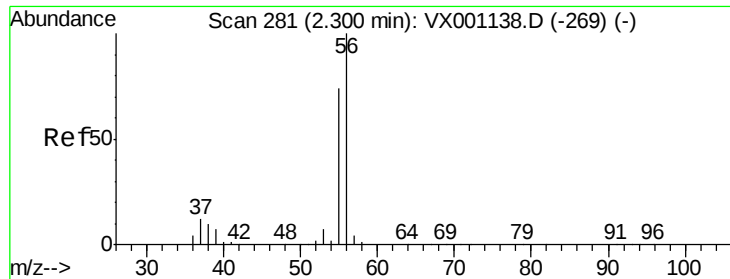
Tgt Ion: 59 Resp: 56966
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.083 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Tgt Ion: 96 Resp: 41749
Ion Ratio Lower Upper
96 100
61 150.9 130.2 195.4
98 56.9 51.5 77.3





#13

Acrolein

Concen: 66.206 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

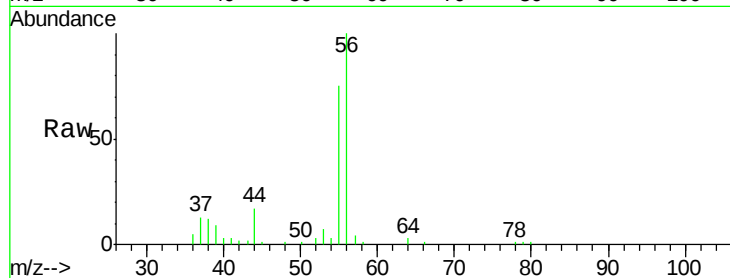
VX0427WBS02

Tgt Ion: 56 Resp: 15728

Ion Ratio Lower Upper

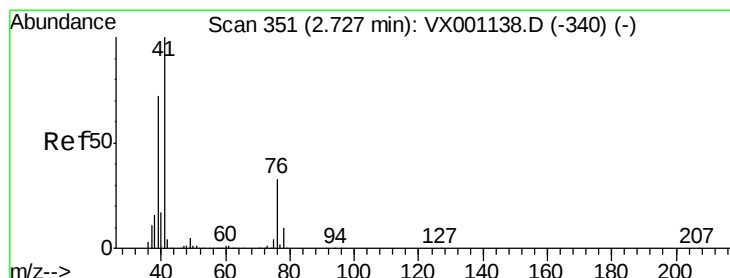
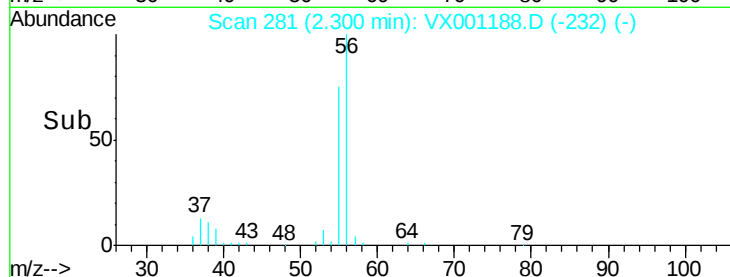
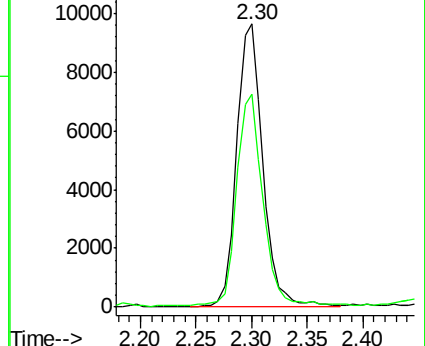
56 100

55 78.1 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.364 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

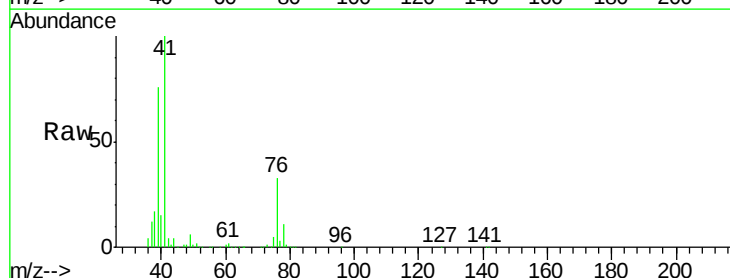
Tgt Ion: 41 Resp: 73432

Ion Ratio Lower Upper

41 100

39 72.0 55.6 83.4

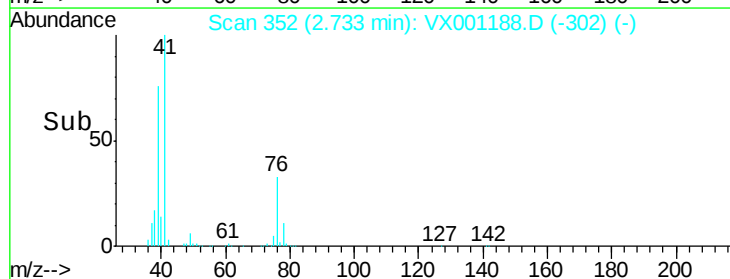
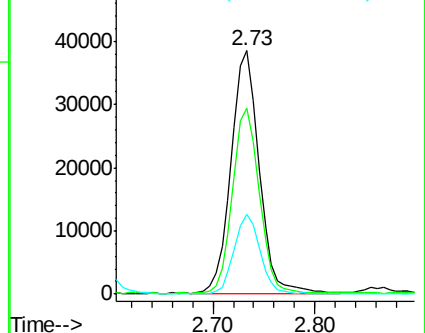
76 30.5 24.8 37.2

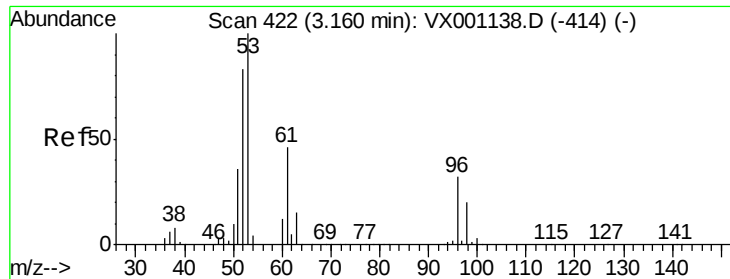


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

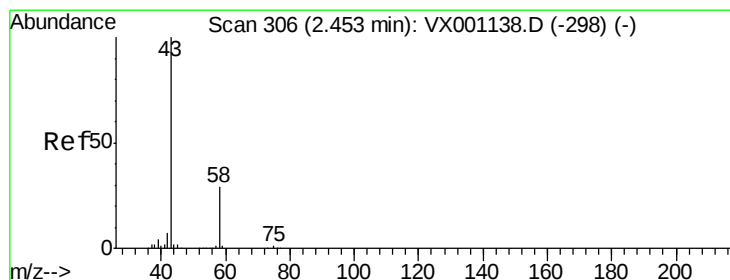
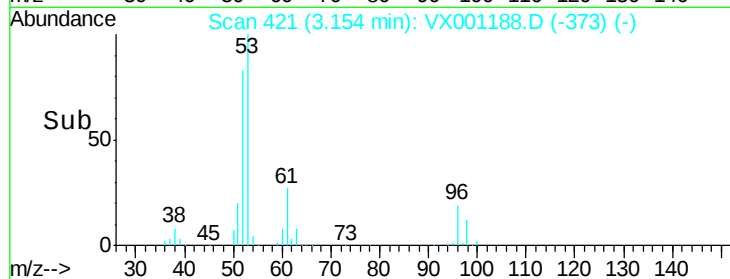
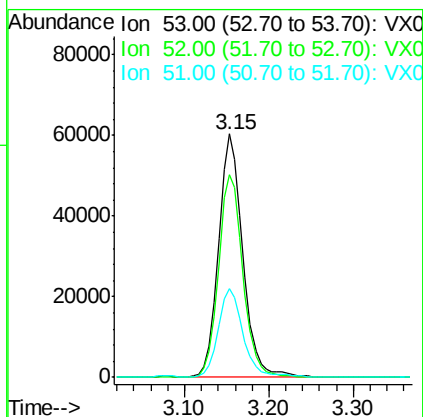
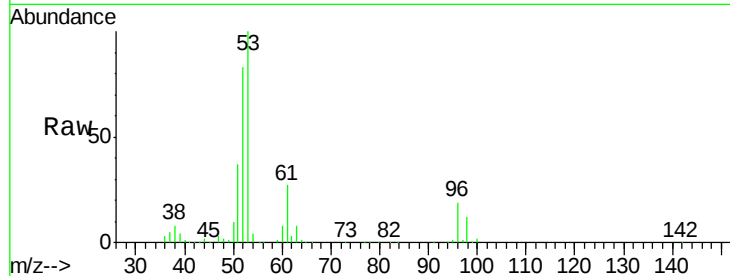




#15
 Acrylonitrile
 Concen: 88.556 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

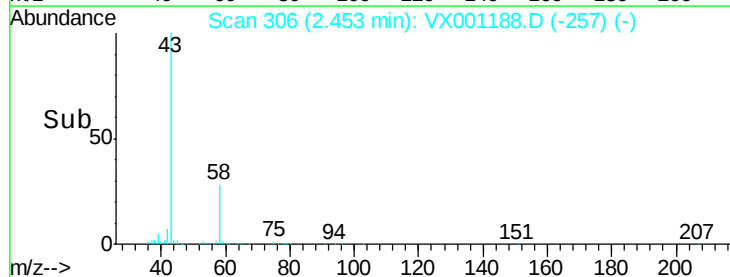
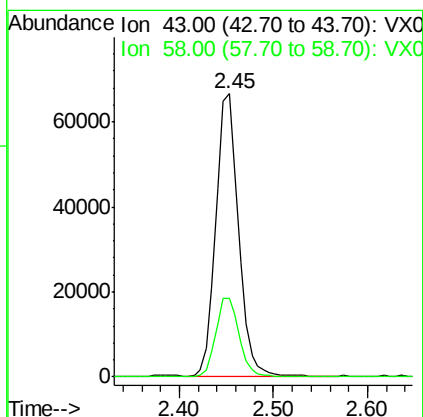
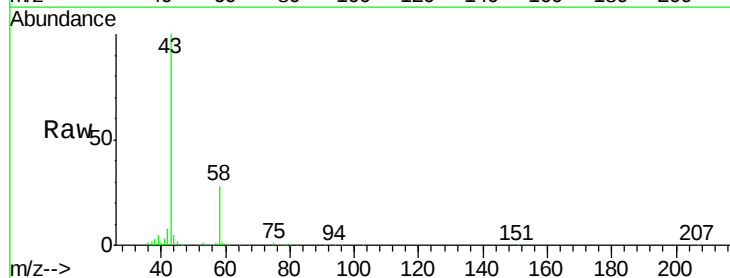
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS02

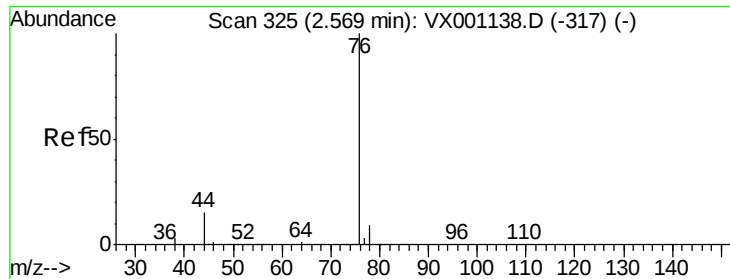
Tgt Ion: 53 Resp: 118834
 Ion Ratio Lower Upper
 53 100
 52 84.5 66.5 99.7
 51 37.9 29.5 44.3



#16
 Acetone
 Concen: 84.974 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

Tgt Ion: 43 Resp: 111351
 Ion Ratio Lower Upper
 43 100
 58 27.8 23.0 34.6

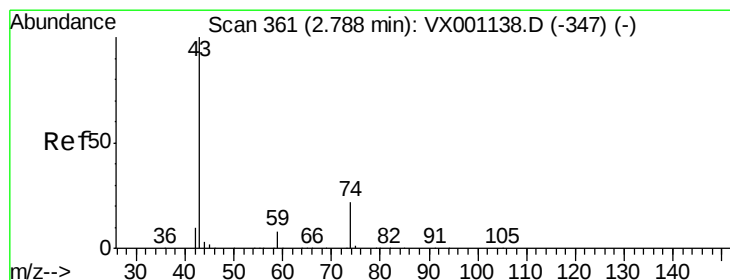
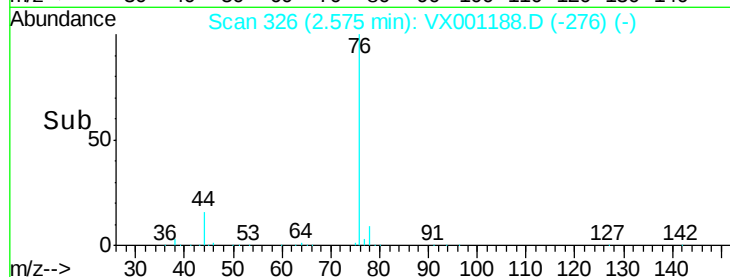
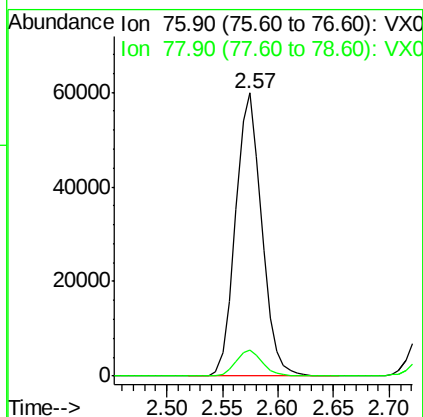
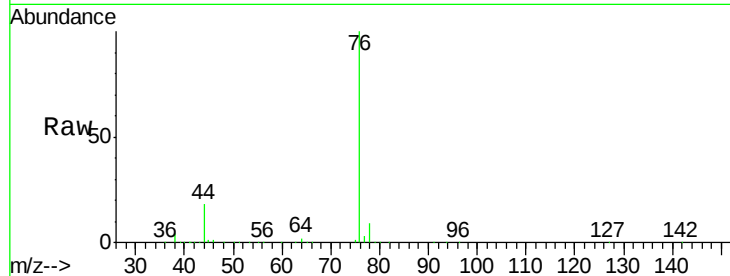




#17
Carbon Disulfide
Concen: 18.384 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

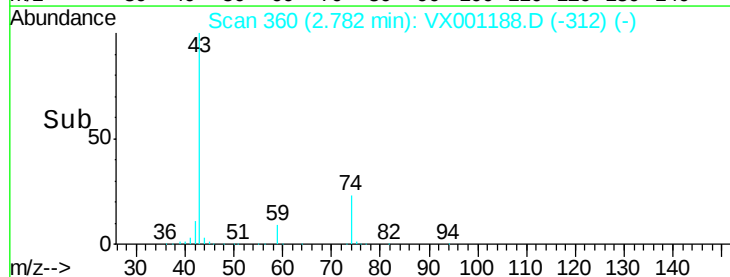
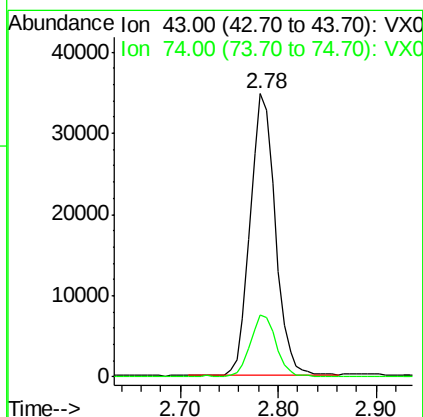
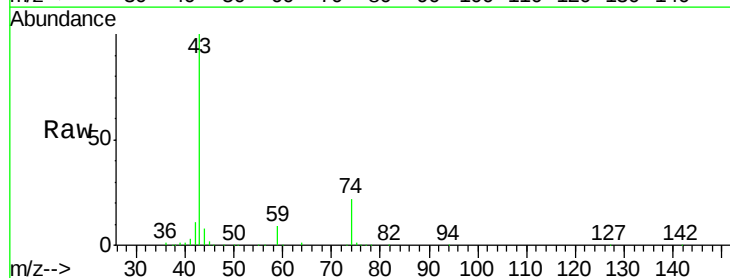
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS02

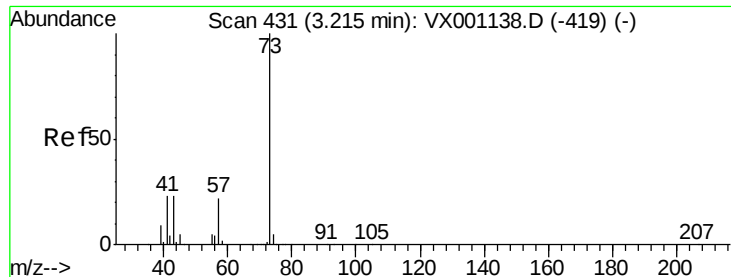
Tgt Ion: 76 Resp: 97515
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 19.002 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Tgt Ion: 43 Resp: 62310
Ion Ratio Lower Upper
43 100
74 22.5 18.1 27.1

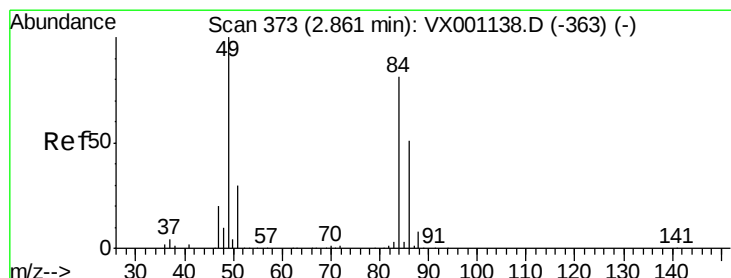
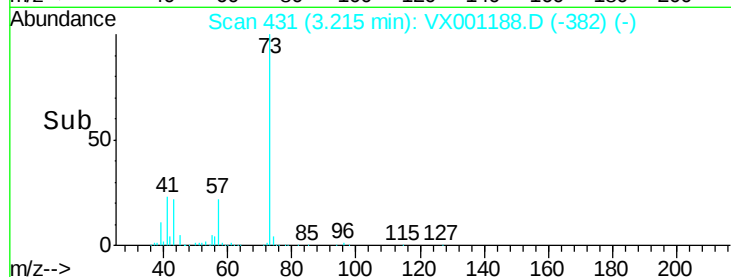
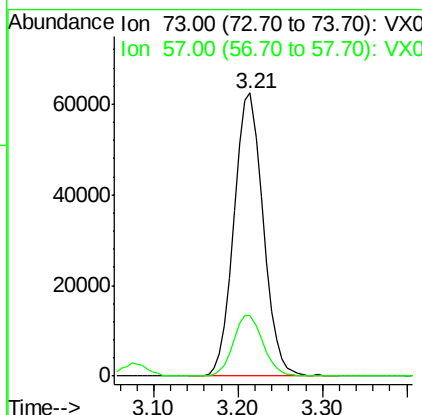
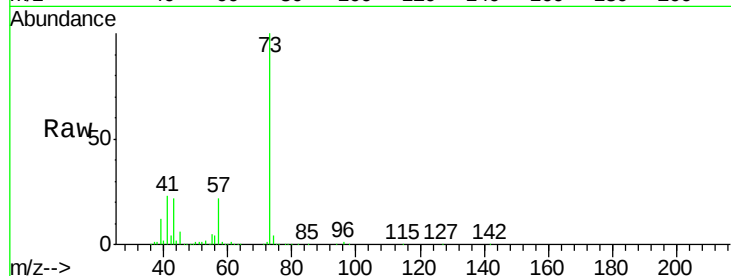




#19
Methyl tert-butyl Ether
Concen: 19.149 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

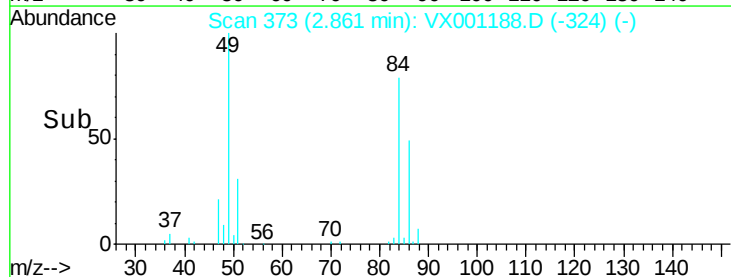
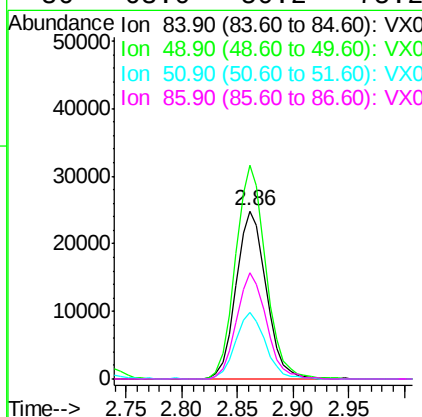
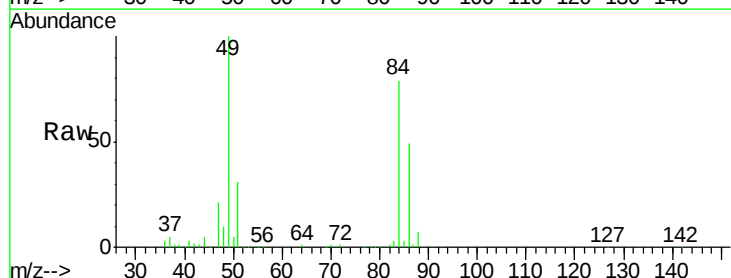
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS02

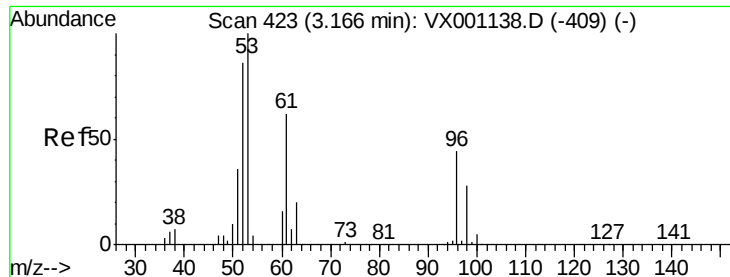
Tgt Ion: 73 Resp: 146542
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 19.125 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Tgt Ion: 84 Resp: 46675
Ion Ratio Lower Upper
84 100
49 127.4 99.2 148.8
51 39.8 29.5 44.3
86 63.0 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.564 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

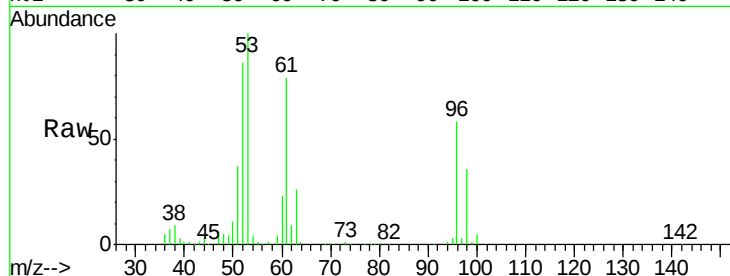
Tgt Ion: 96 Resp: 44959

Ion Ratio Lower Upper

96 100

61 137.9 111.9 167.9

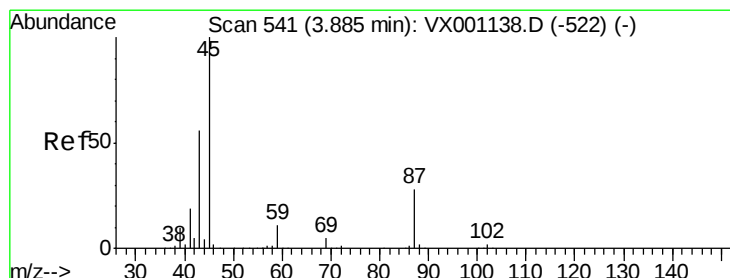
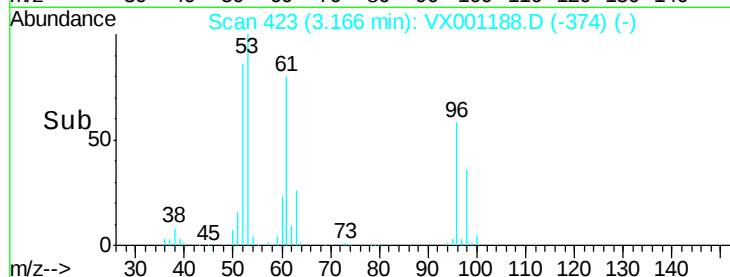
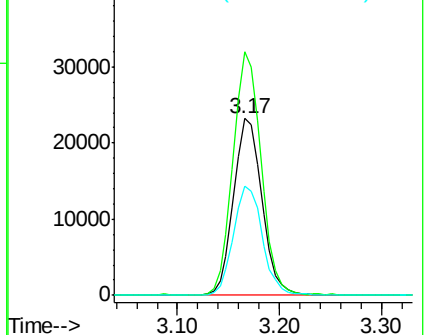
98 61.9 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.495 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Tgt Ion: 45 Resp: 140339

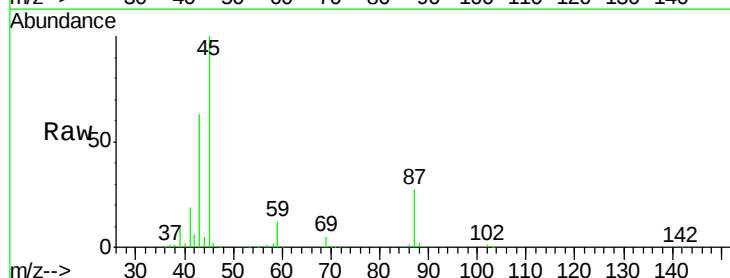
Ion Ratio Lower Upper

45 100

43 62.4 45.0 67.4

87 27.4 22.8 34.2

59 11.6 9.0 13.6

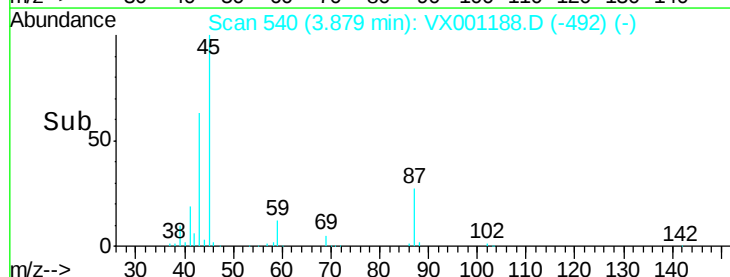
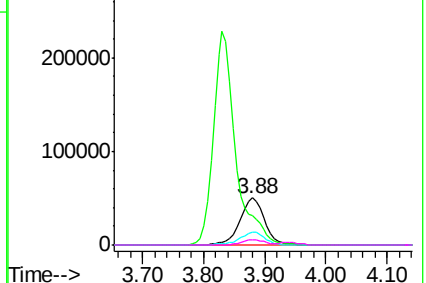


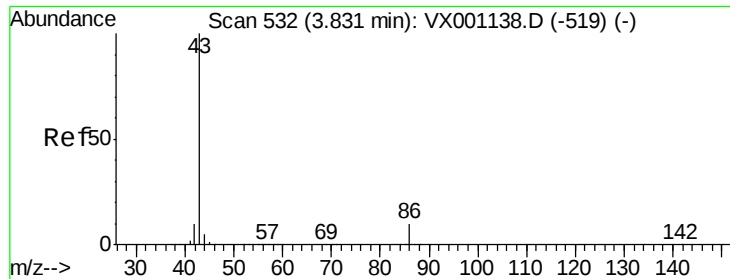
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 91.492 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

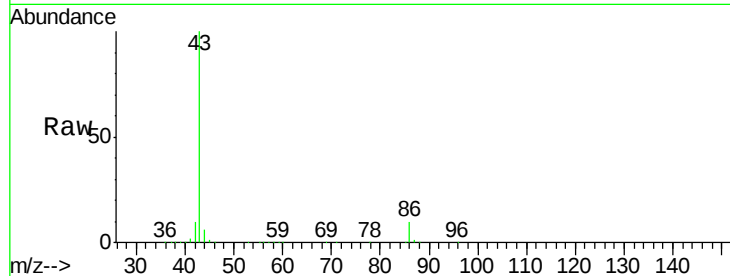
VX0427WBS02

Tgt Ion: 43 Resp: 588944

Ion Ratio Lower Upper

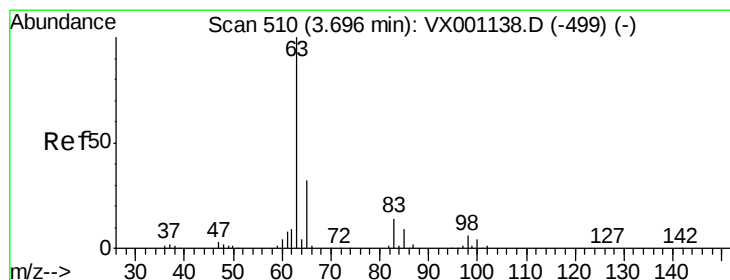
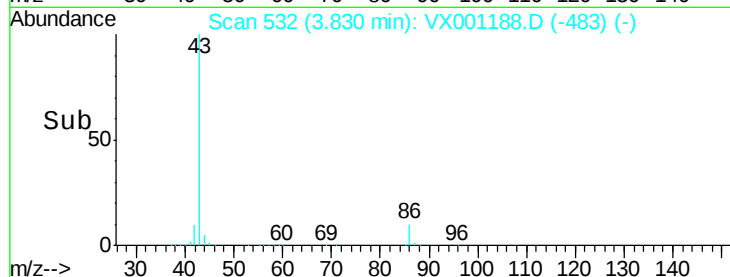
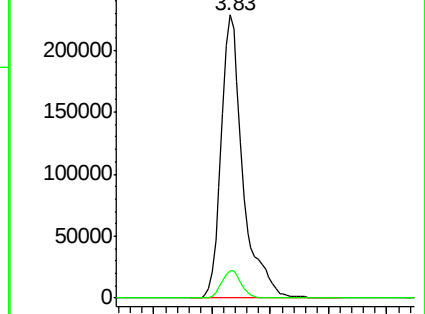
43 100

86 9.7 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.452 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

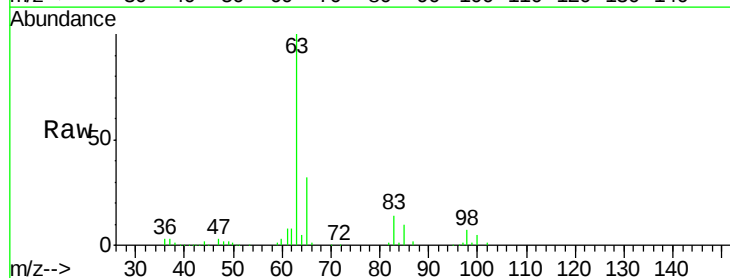
Tgt Ion: 63 Resp: 77574

Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.4

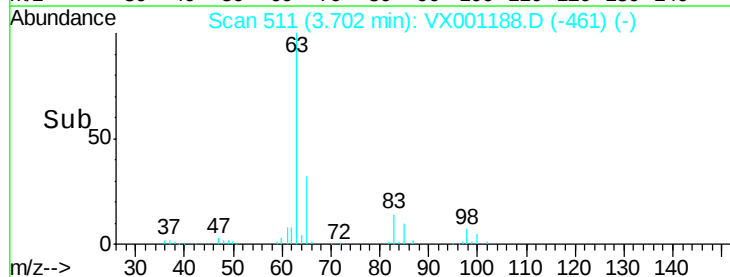
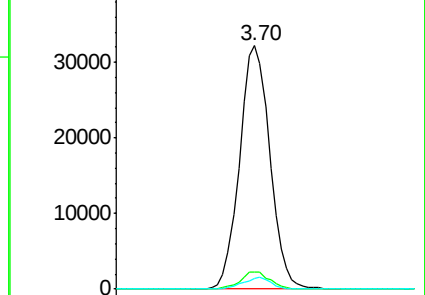
100 4.6 2.1 6.5

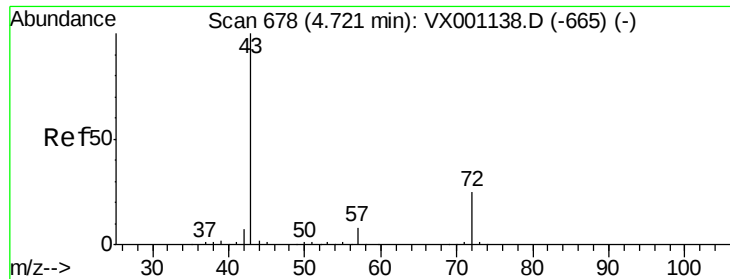


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 84.003 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

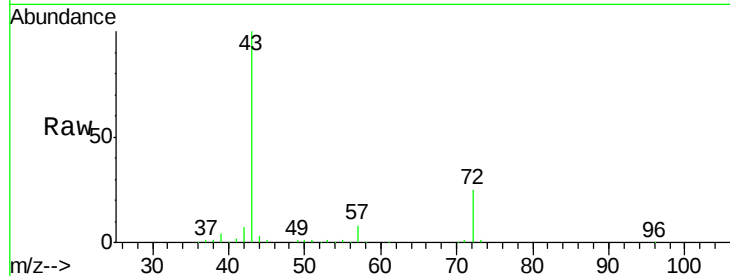
VX0427WBS02

Tgt Ion: 43 Resp: 164707

Ion Ratio Lower Upper

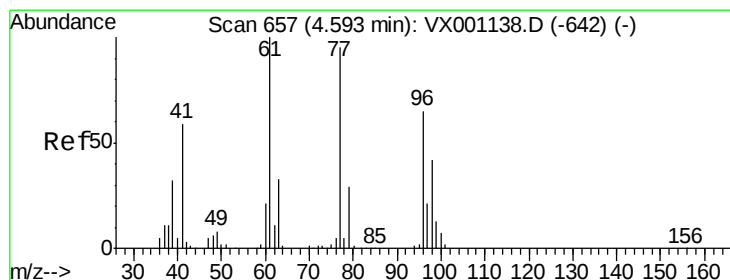
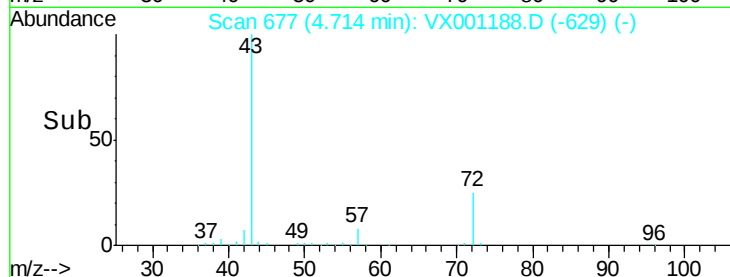
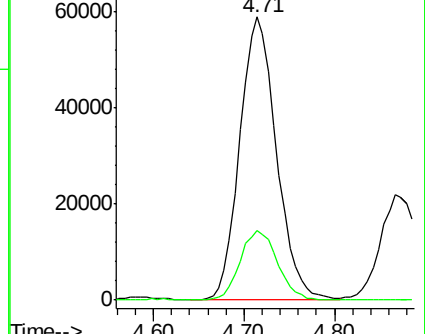
43 100

72 24.5 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.824 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001188.D

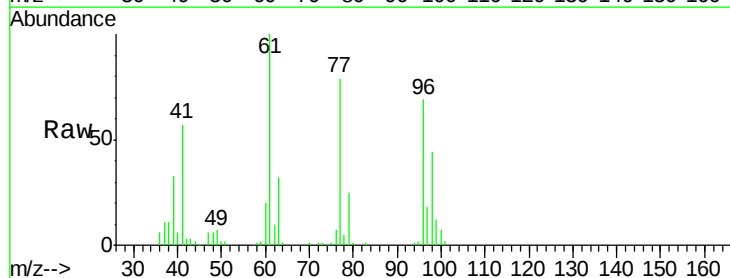
Acq: 27 Apr 2018 23:43

Tgt Ion: 77 Resp: 49670

Ion Ratio Lower Upper

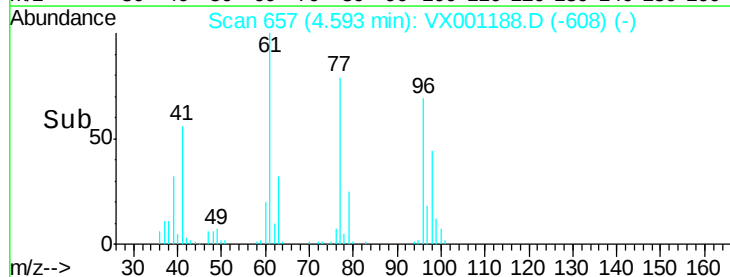
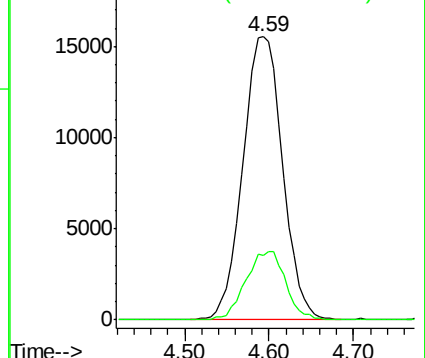
77 100

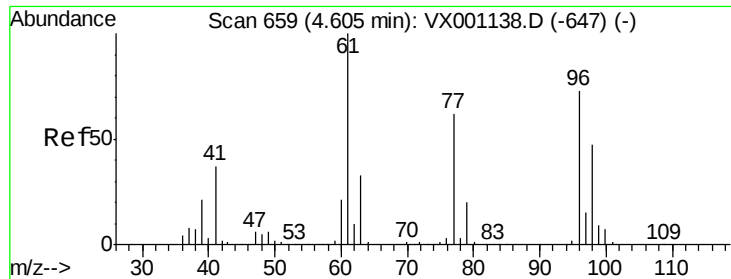
97 24.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



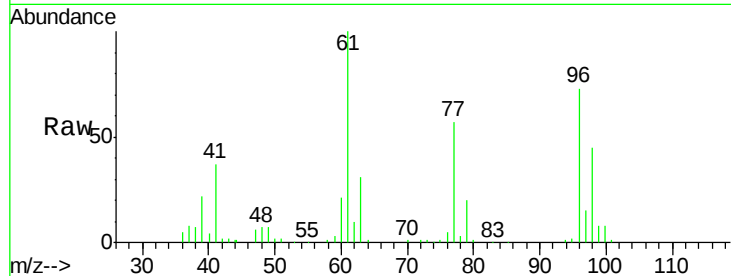


#27

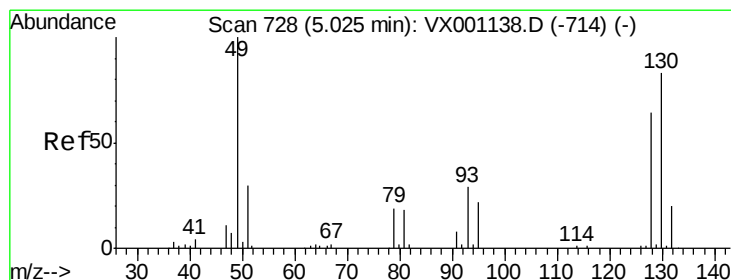
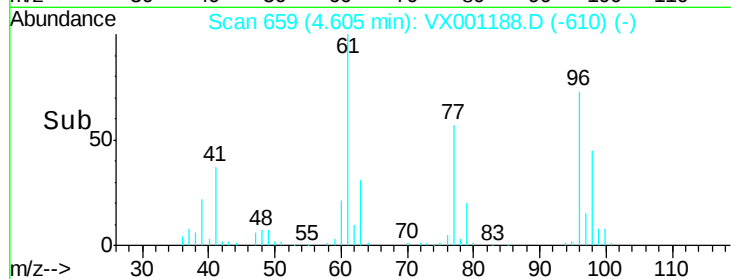
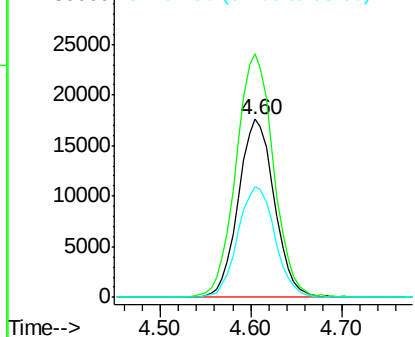
cis-1,2-Dichloroethene
 Concen: 19.280 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS02

Tgt Ion: 96 Resp: 48511
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 289.0
 98 63.8 0.0 128.2



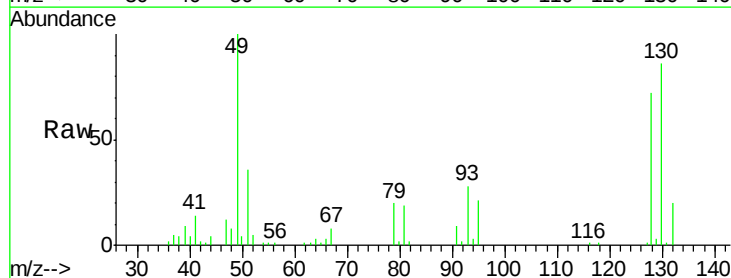
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



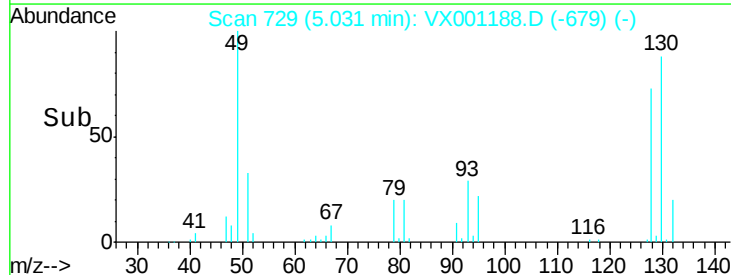
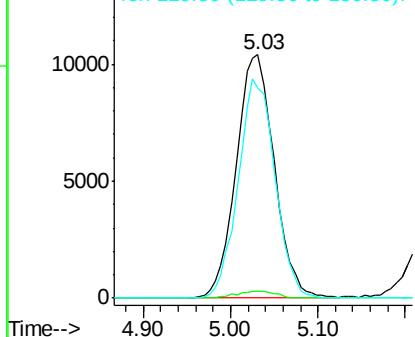
#28

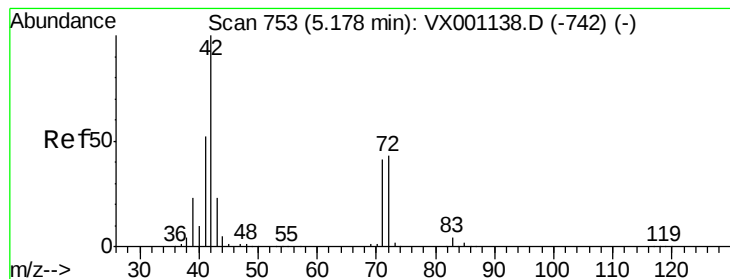
Bromochloromethane
 Concen: 17.650 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

Tgt Ion: 49 Resp: 31560
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.6
 130 86.7 68.2 102.2



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: 84.869 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

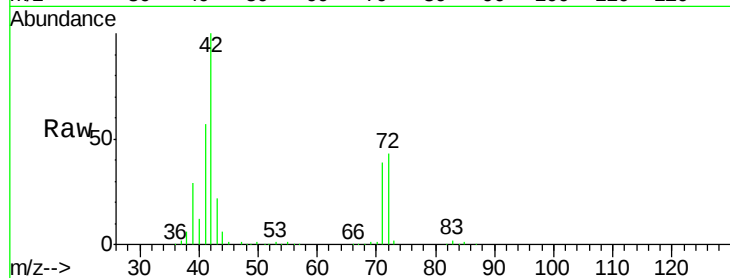
Tgt Ion: 42 Resp: 106991

Ion Ratio Lower Upper

42 100

72 43.7 34.4 51.6

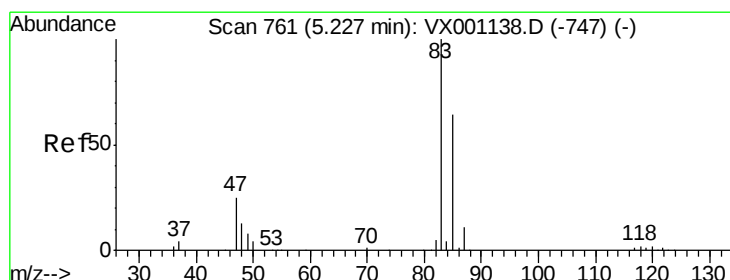
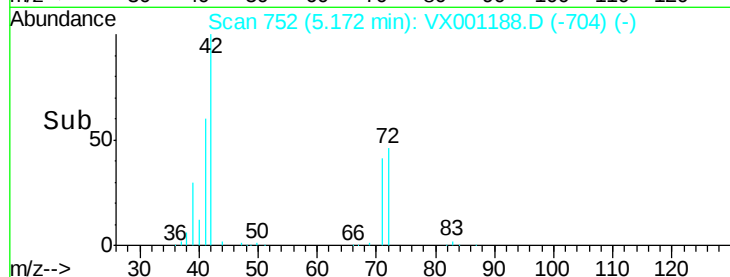
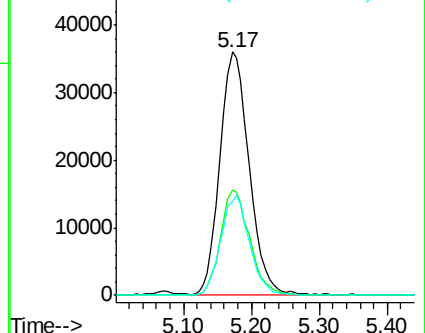
71 40.4 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.390 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001188.D

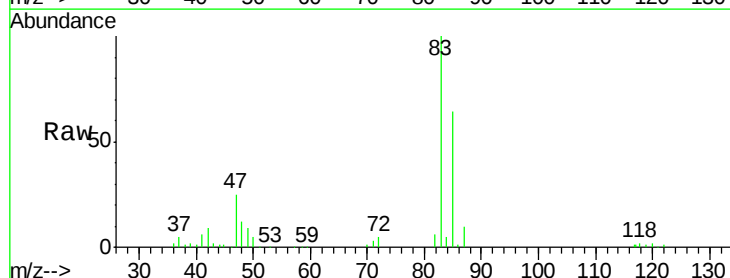
Acq: 27 Apr 2018 23:43

Tgt Ion: 83 Resp: 82228

Ion Ratio Lower Upper

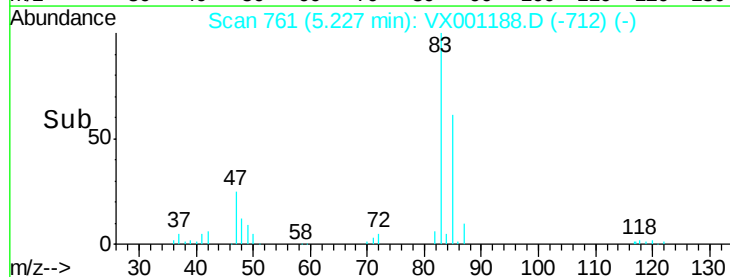
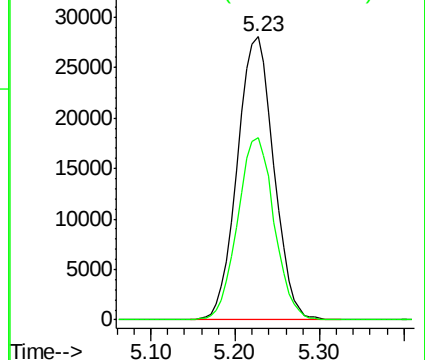
83 100

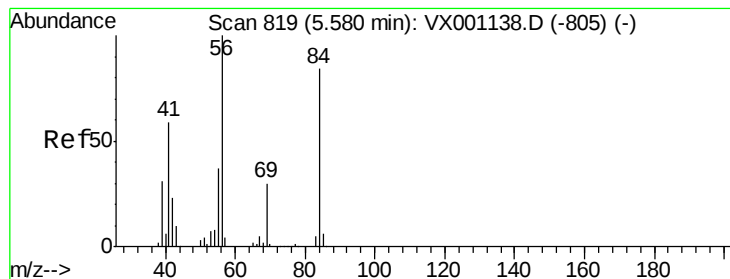
85 64.5 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.783 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

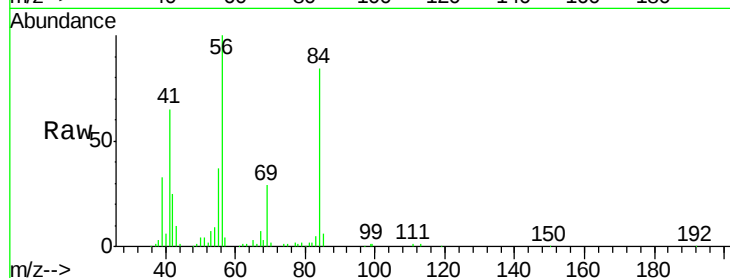
Tgt Ion: 56 Resp: 67029

Ion Ratio Lower Upper

56 100

69 29.0 24.2 36.2

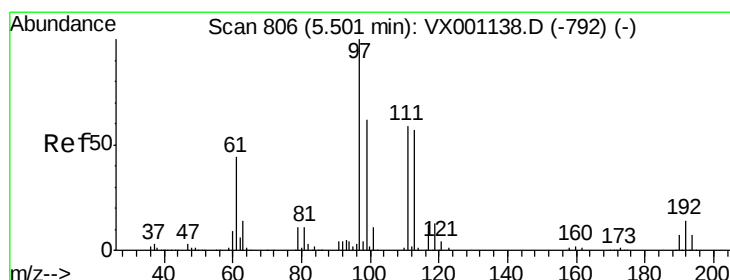
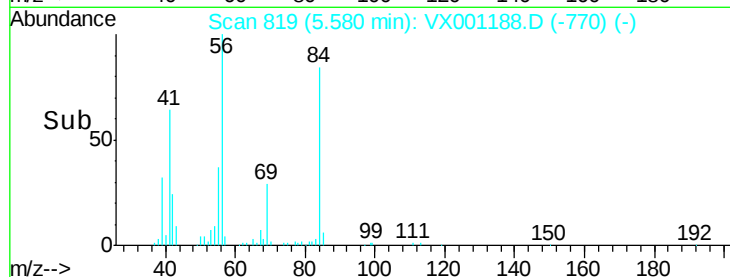
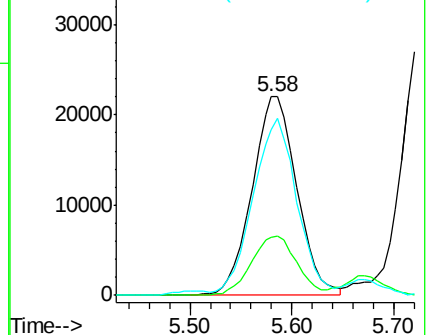
84 81.7 67.5 101.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.536 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

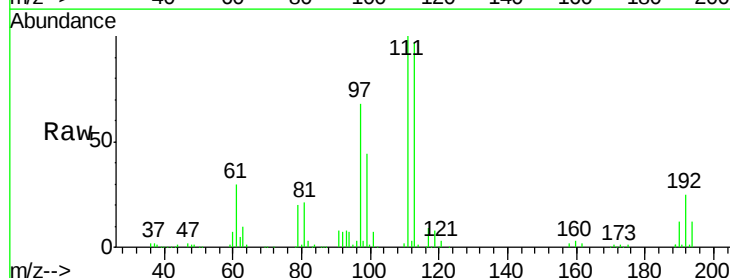
Tgt Ion: 97 Resp: 71519

Ion Ratio Lower Upper

97 100

99 65.1 50.9 76.3

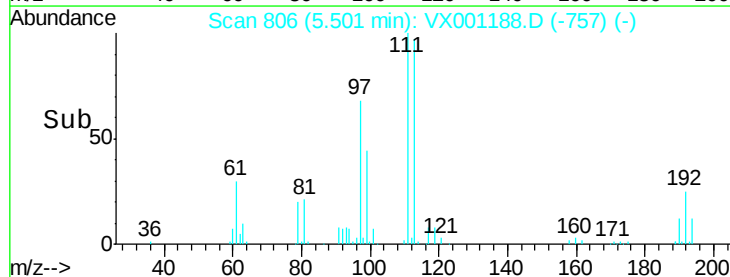
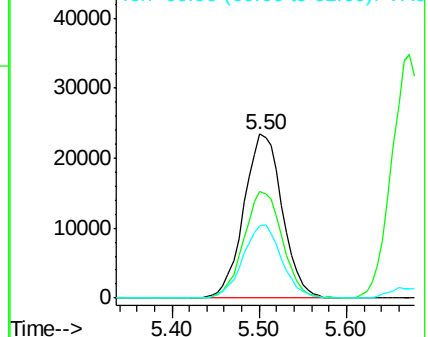
61 45.1 35.0 52.6

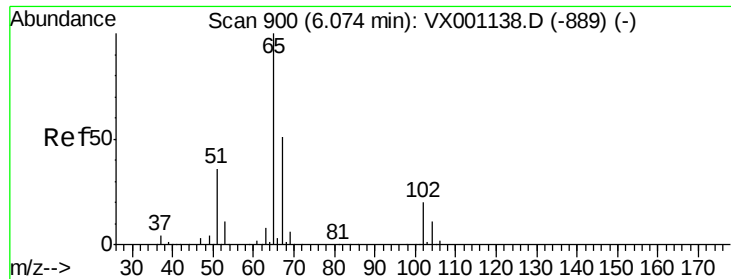


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.767 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

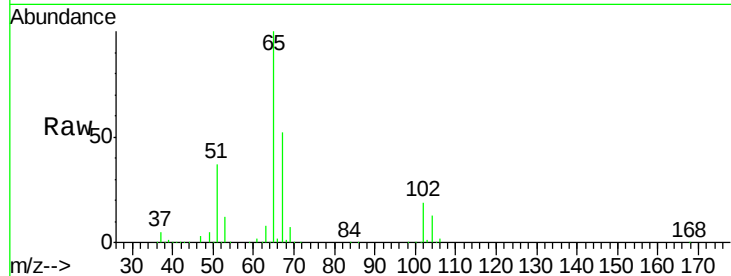
VX0427WBS02

Tgt Ion: 65 Resp: 142654

Ion Ratio Lower Upper

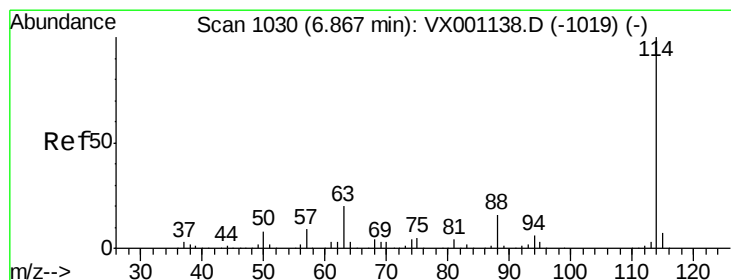
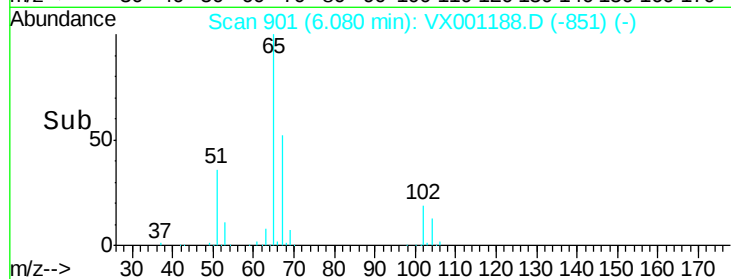
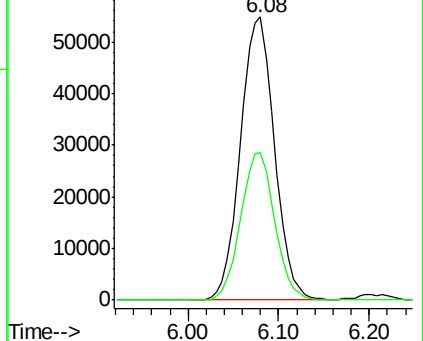
65 100

67 52.1 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

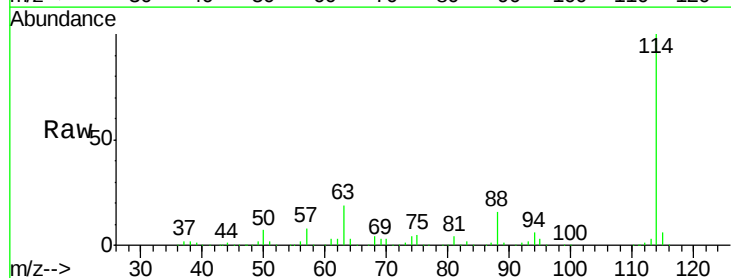
Tgt Ion: 114 Resp: 280503

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.4

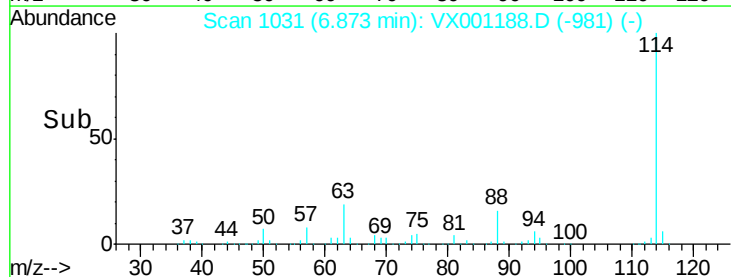
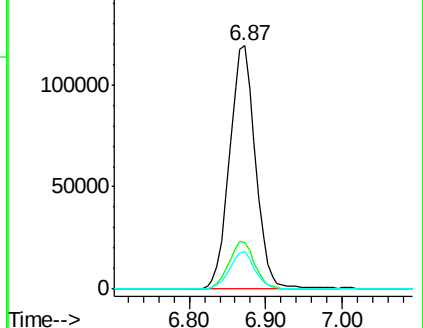
88 15.7 0.0 31.8

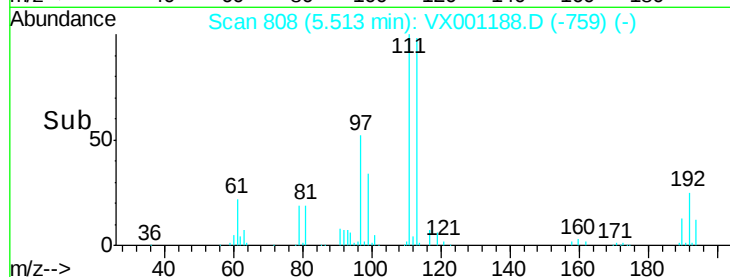
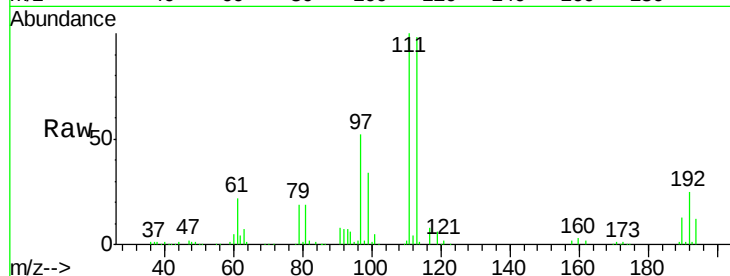
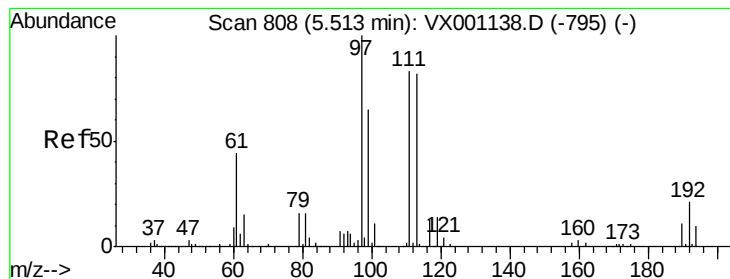


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.755 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

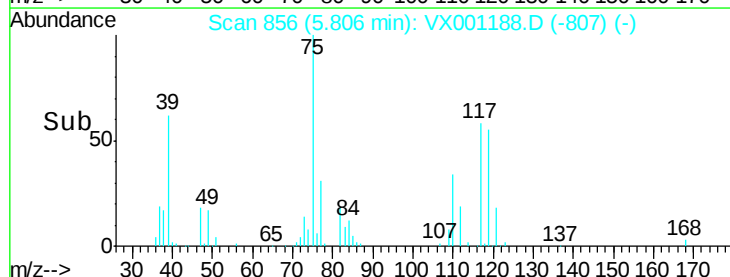
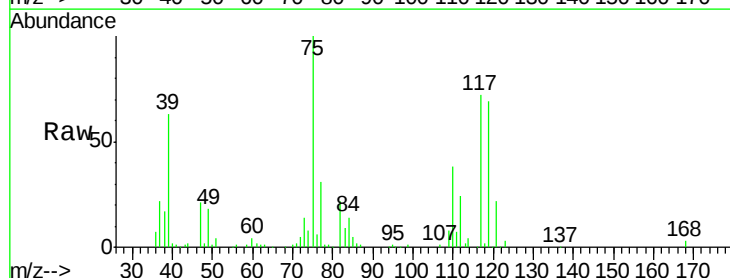
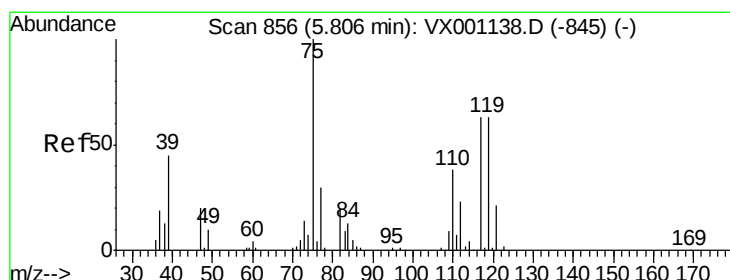
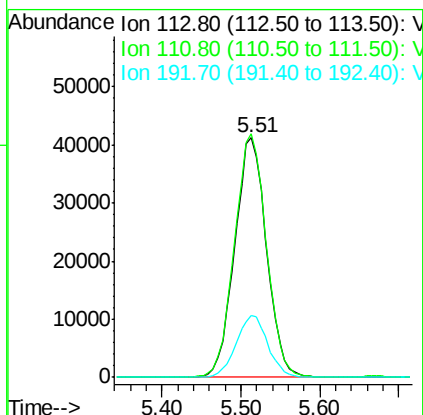
Tgt Ion:113 Resp: 115517

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 25.7 20.6 30.8



#36

1,1-Dichloropropene

Concen: 19.342 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

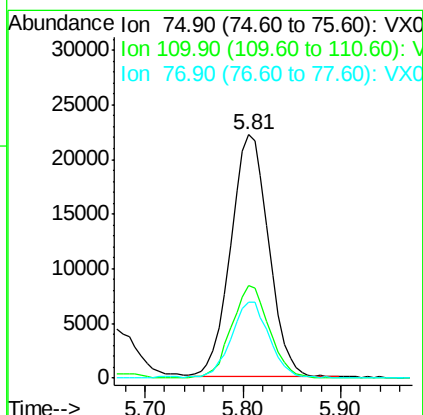
Tgt Ion: 75 Resp: 59787

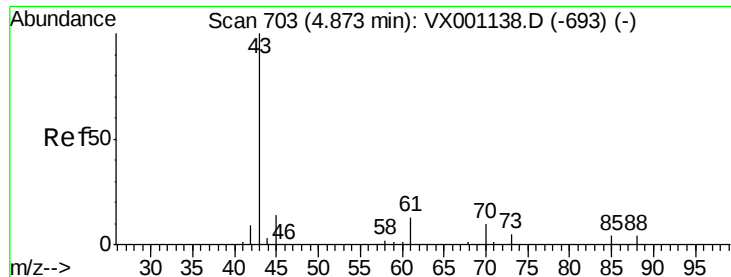
Ion Ratio Lower Upper

75 100

110 37.6 19.0 57.0

77 31.5 24.8 37.2

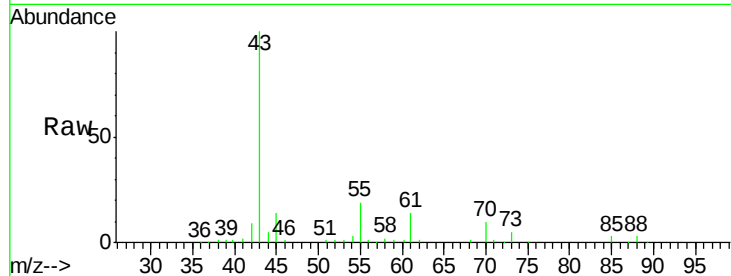




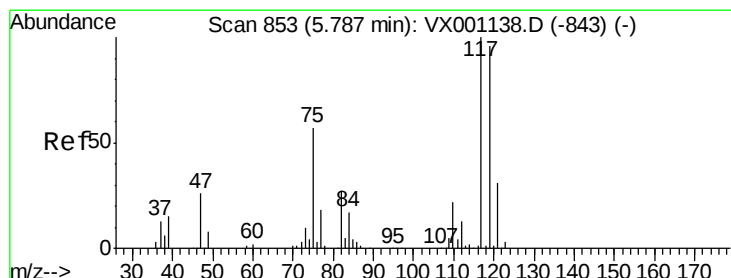
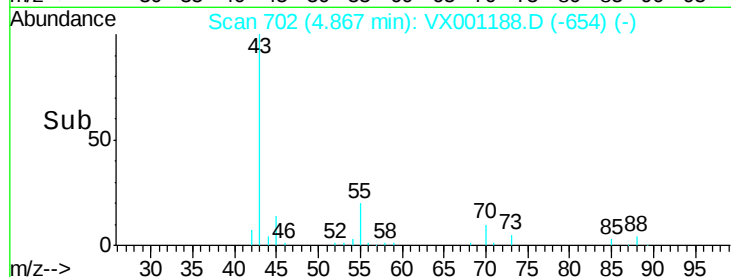
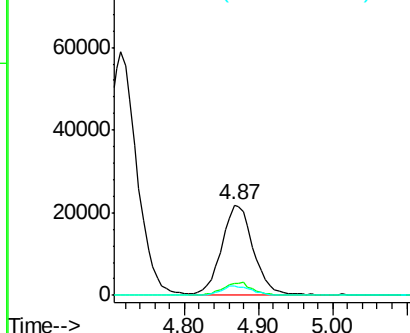
#37
Ethyl Acetate
Concen: 17.300 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS02

Tgt Ion: 43 Resp: 64039
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.6
70 10.3 8.2 12.2

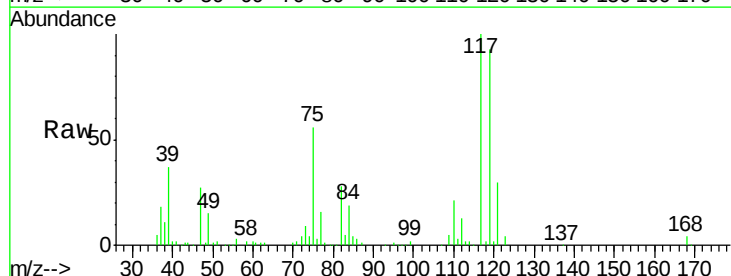


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

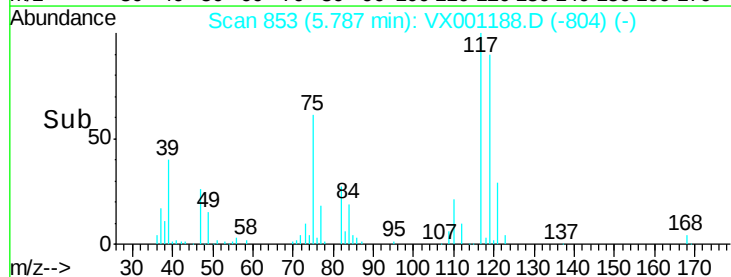
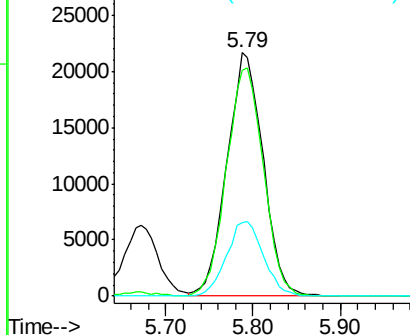


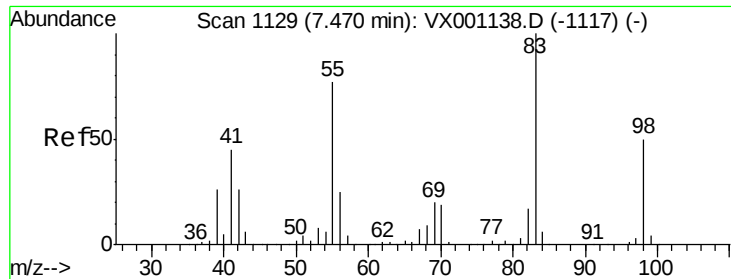
#38
Carbon Tetrachloride
Concen: 19.652 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Tgt Ion: 117 Resp: 62287
Ion Ratio Lower Upper
117 100
119 92.9 76.5 114.7
121 30.3 24.6 37.0



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

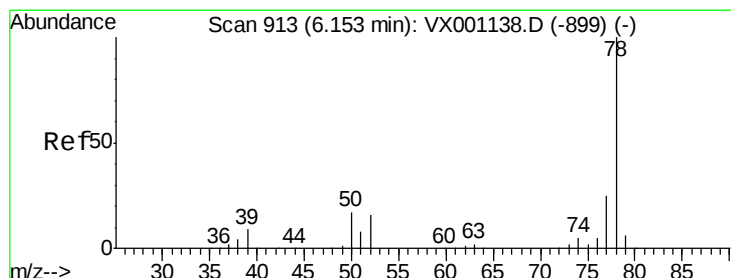
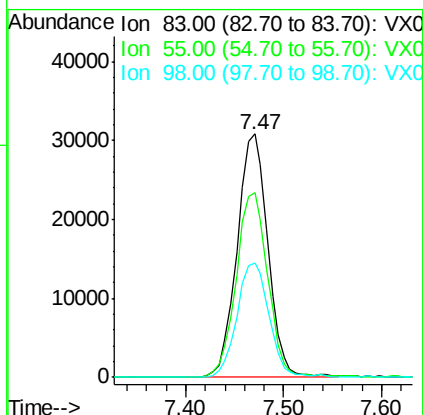
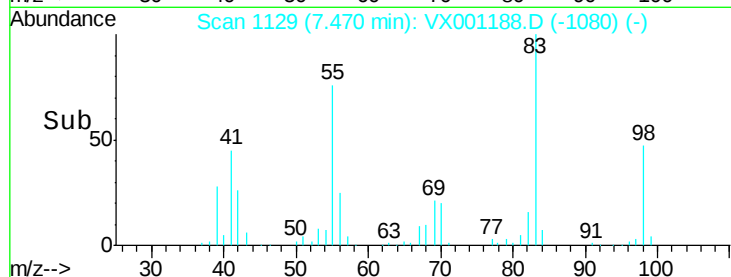
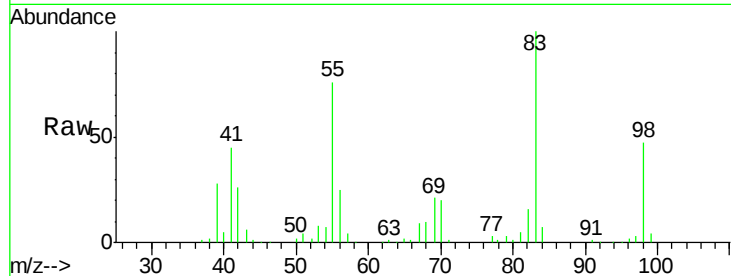




#39
Methylcyclohexane
Concen: 19.746 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

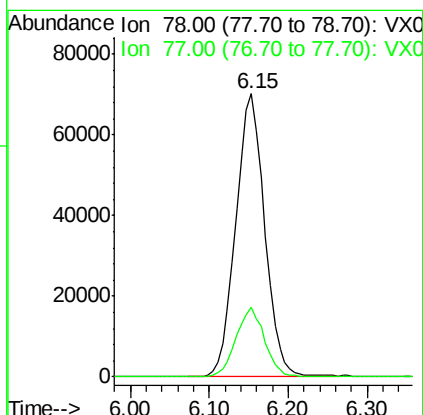
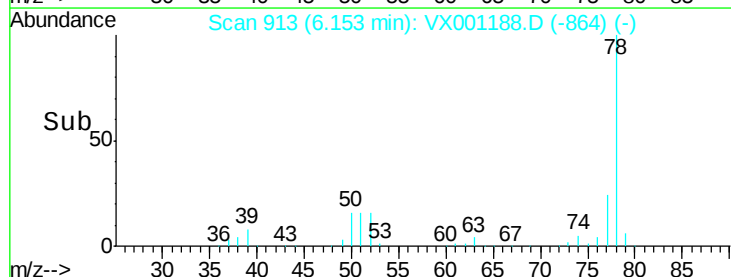
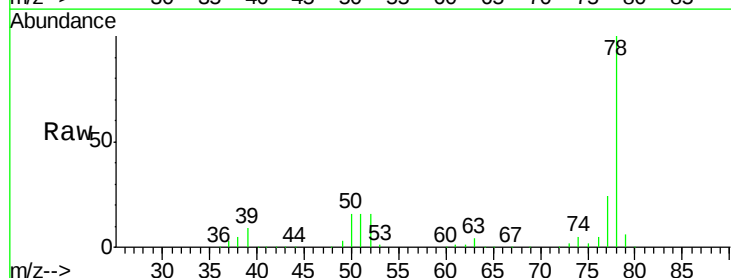
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS02

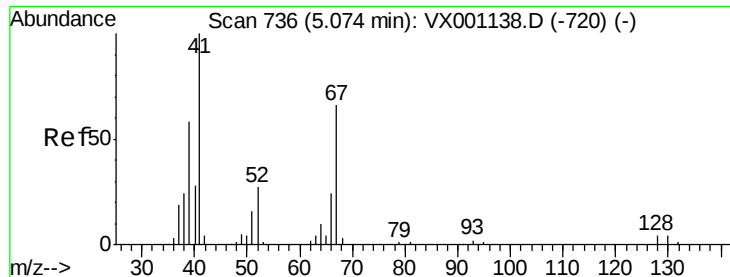
Tgt Ion: 83 Resp: 67552
Ion Ratio Lower Upper
83 100
55 76.0 61.8 92.6
98 46.9 40.0 60.0



#40
Benzene
Concen: 20.099 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Tgt Ion: 78 Resp: 179719
Ion Ratio Lower Upper
78 100
77 24.4 19.7 29.5

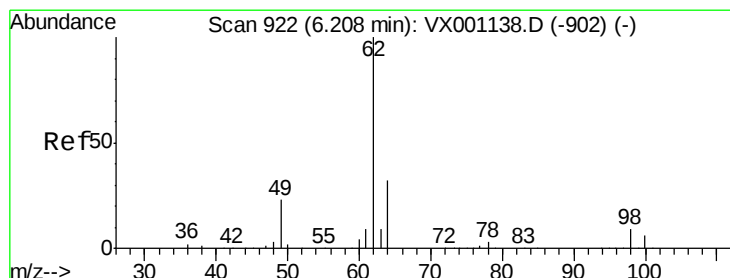
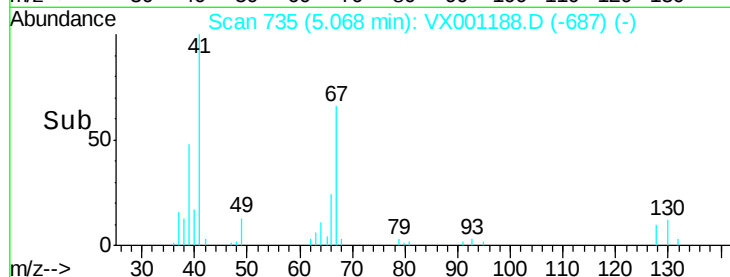
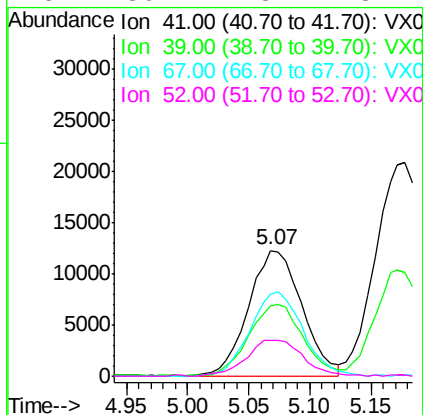
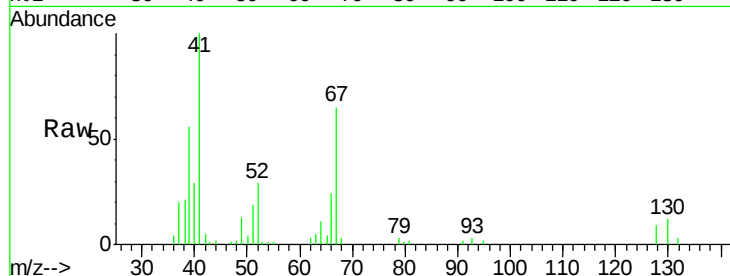




#41
Methacrylonitrile
Concen: 17.814 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

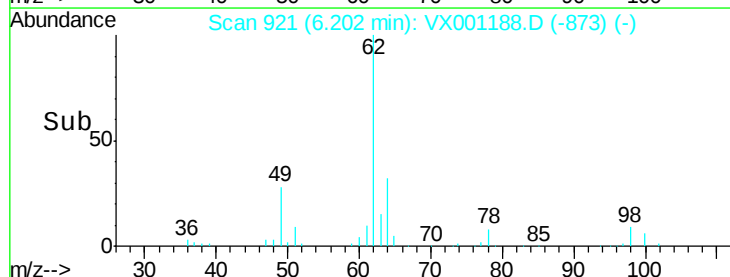
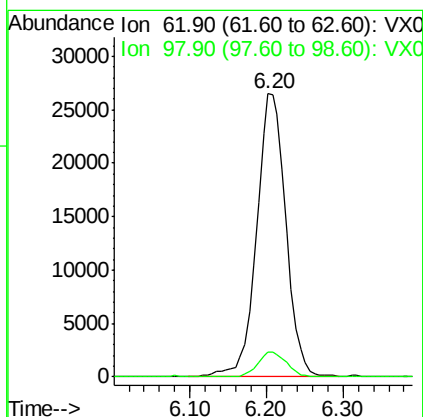
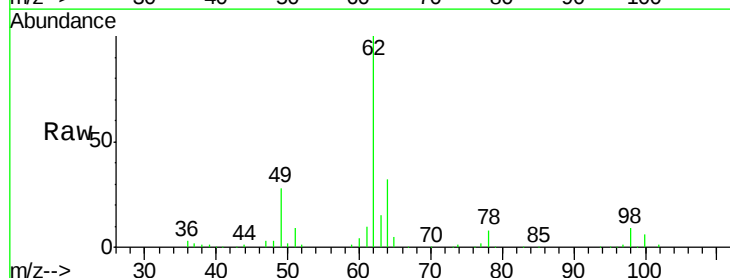
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS02

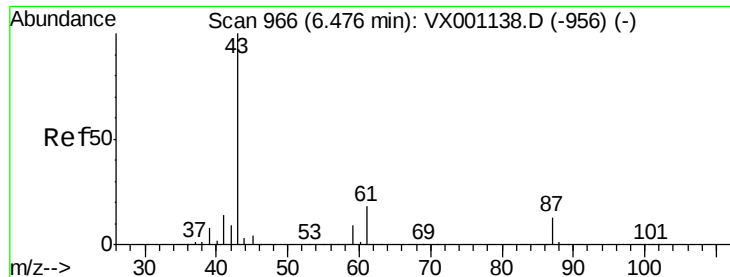
Tgt Ion:	41	Resp:	37053
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.9	68.9
67	67.0	53.2	79.8
52	30.7	23.1	34.7



#42
1,2-Dichloroethane
Concen: 19.633 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Tgt Ion:	62	Resp:	70743
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0





#43

Isopropyl Acetate

Concen: 17.614 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

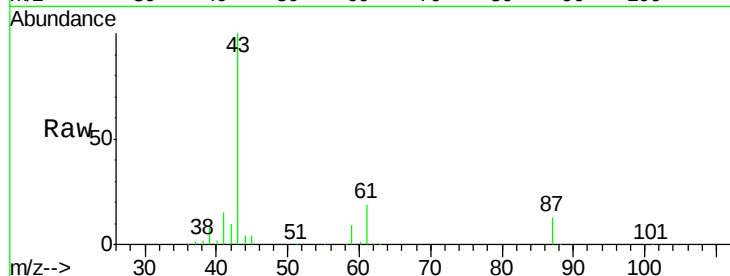
Tgt Ion: 43 Resp: 102398

Ion Ratio Lower Upper

43 100

61 17.9 15.0 22.6

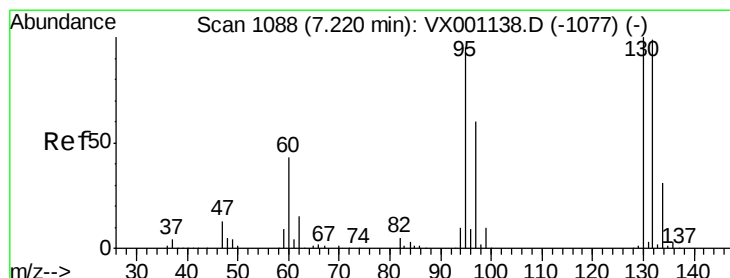
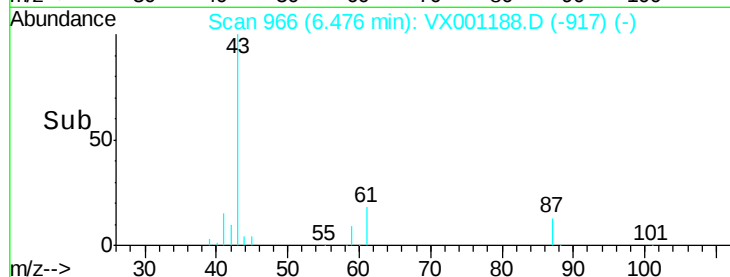
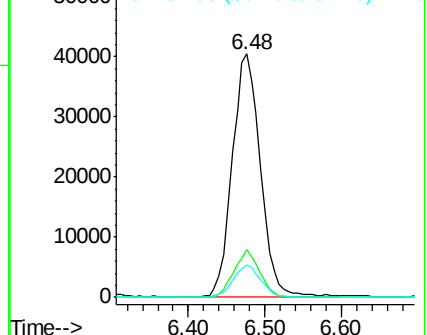
87 12.9 10.3 15.5



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: 20.122 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001188.D

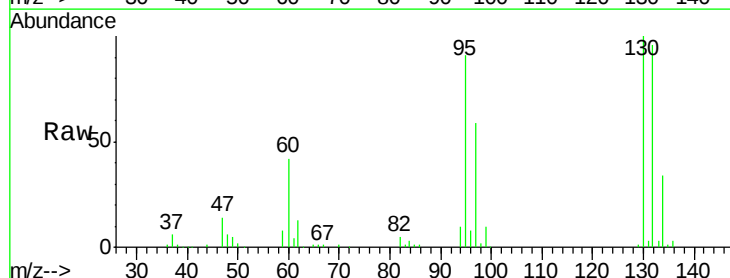
Acq: 27 Apr 2018 23:43

Tgt Ion: 130 Resp: 53602

Ion Ratio Lower Upper

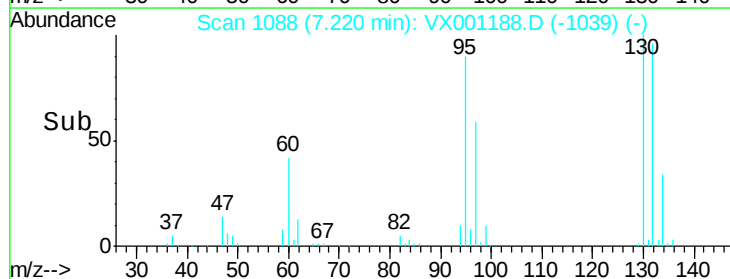
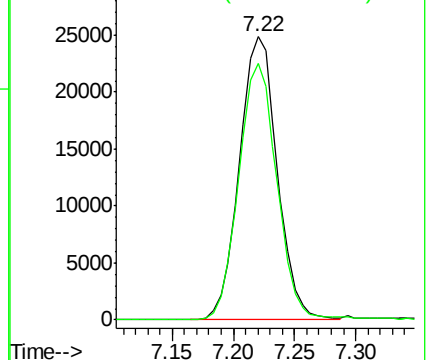
130 100

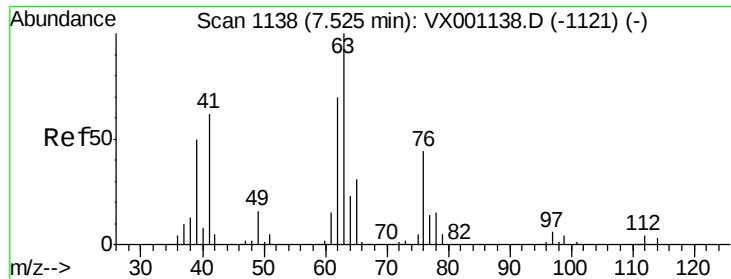
95 90.7 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.122 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

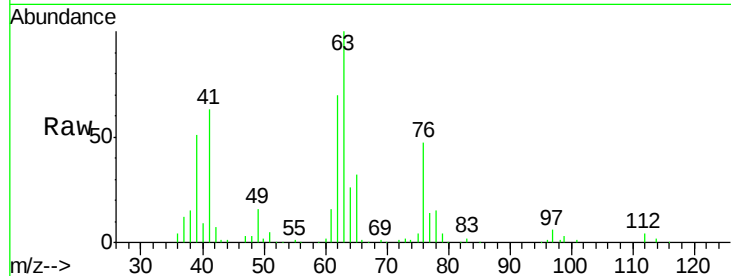
VX0427WBS02

Tgt Ion: 63 Resp: 44972

Ion Ratio Lower Upper

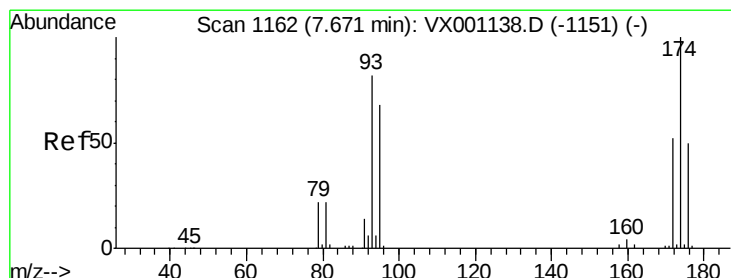
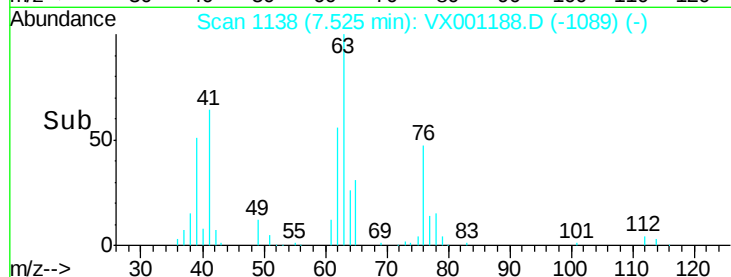
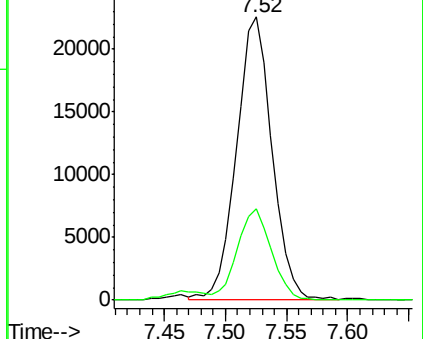
63 100

65 32.3 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.881 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

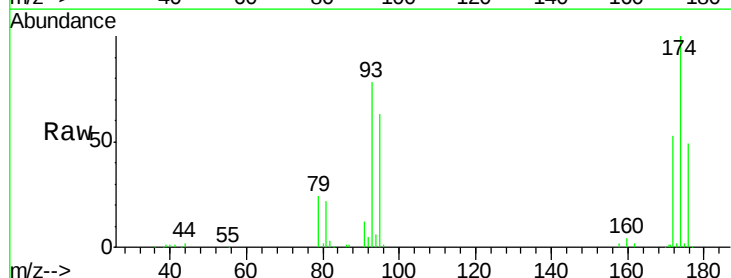
Tgt Ion: 93 Resp: 32378

Ion Ratio Lower Upper

93 100

95 81.9 66.4 99.6

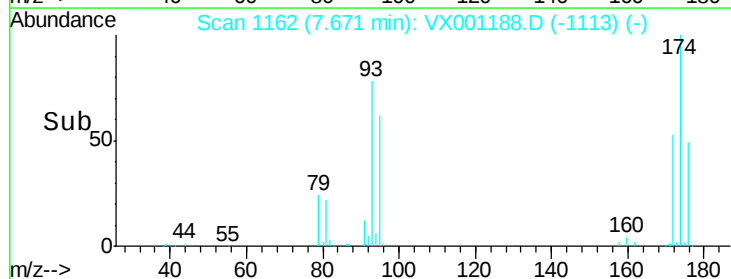
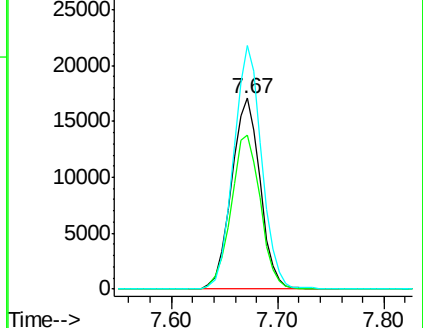
174 124.6 99.6 149.4

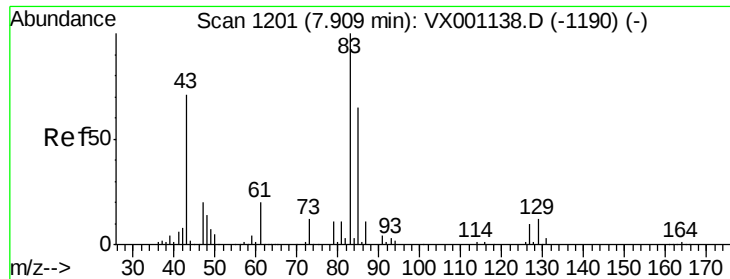


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.192 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

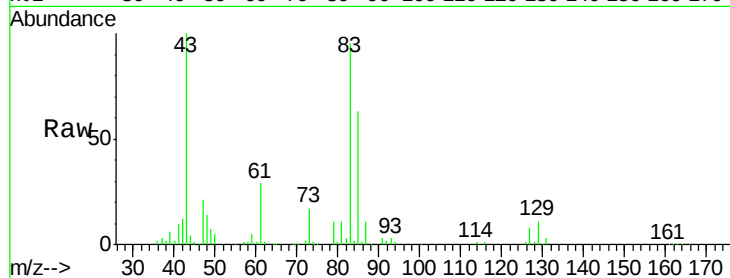
Tgt Ion: 83 Resp: 56788

Ion Ratio Lower Upper

83 100

85 66.2 51.9 77.9

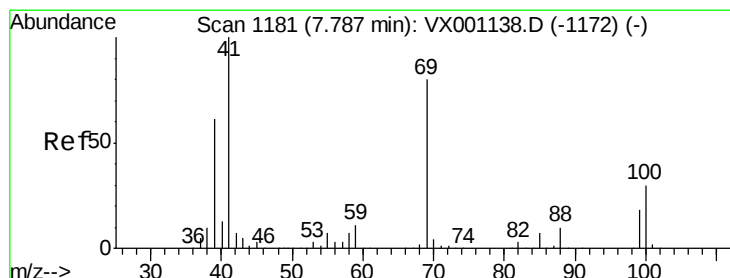
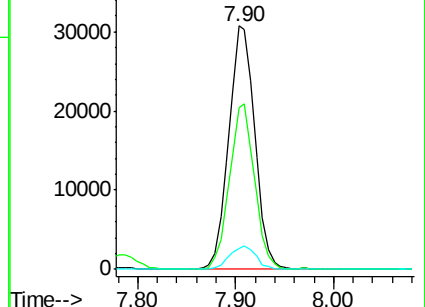
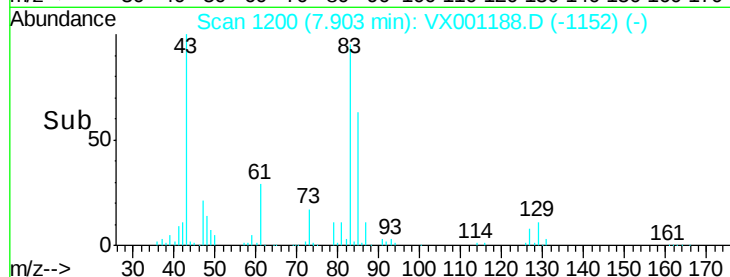
127 8.8 7.7 11.5



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: 17.972 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

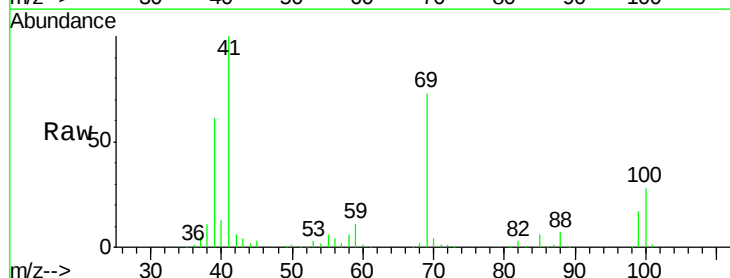
Tgt Ion: 41 Resp: 55535

Ion Ratio Lower Upper

41 100

69 78.3 62.4 93.6

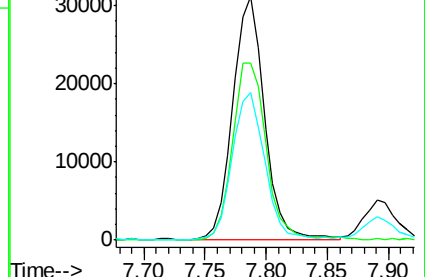
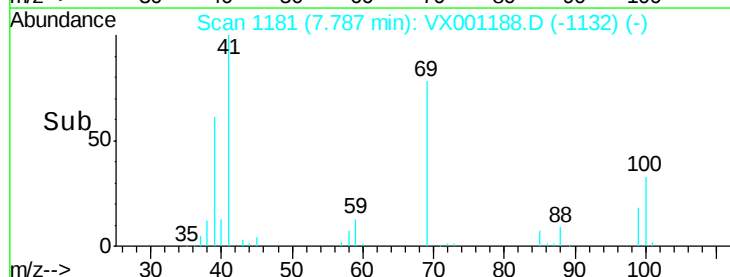
39 62.4 48.7 73.1

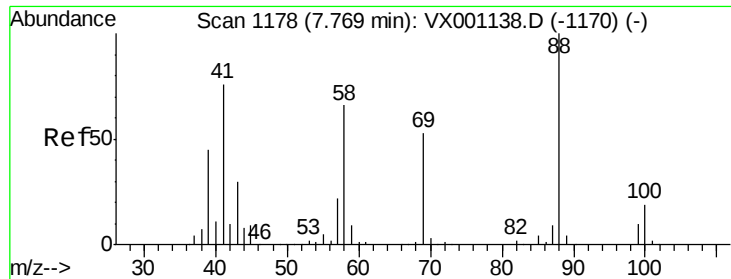


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

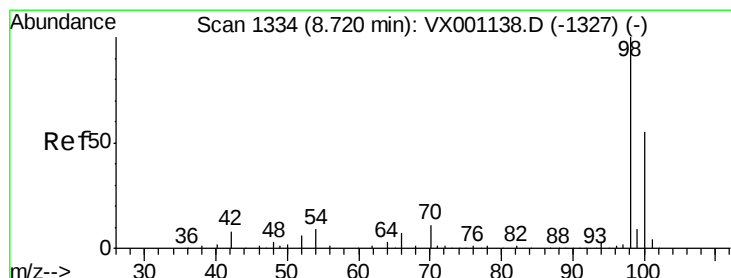
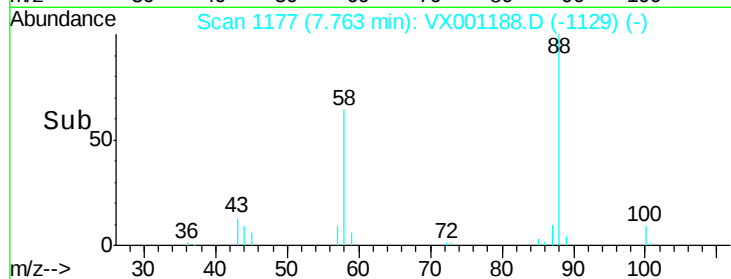
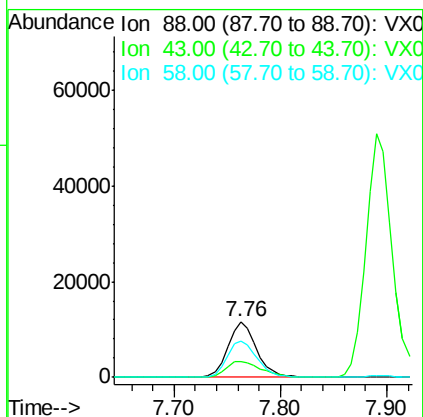
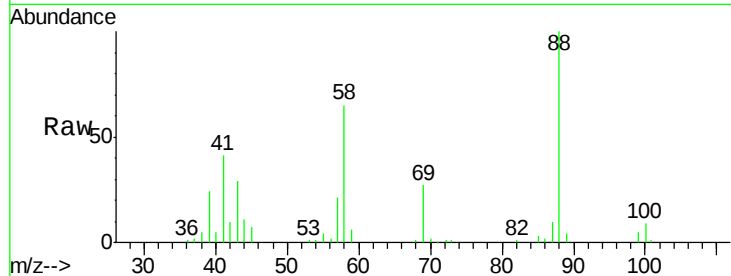




#49
1,4-Dioxane
Concen: 351.418 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

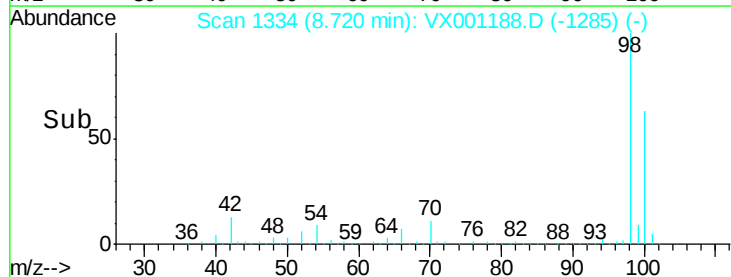
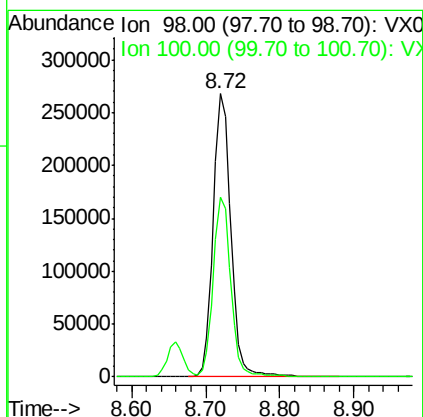
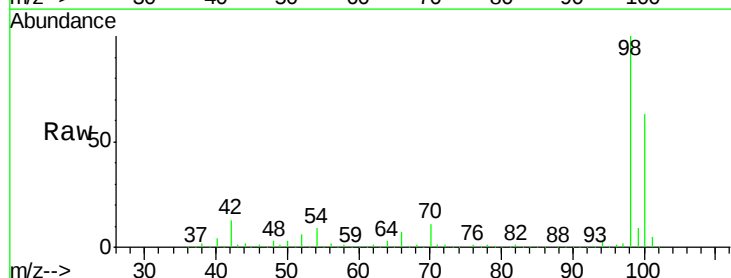
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS02

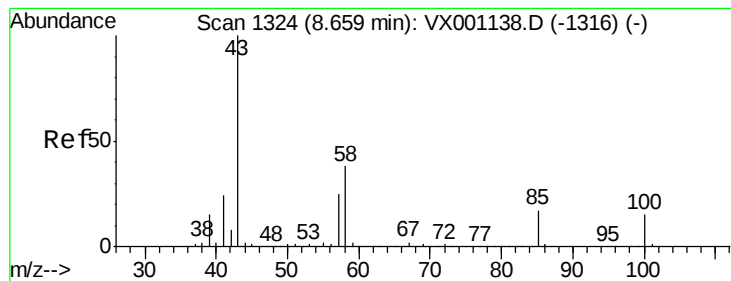
Tgt Ion: 88 Resp: 21741
Ion Ratio Lower Upper
88 100
43 36.6 27.3 40.9
58 69.1 54.2 81.4



#50
Toluene-d8
Concen: 49.951 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Tgt Ion: 98 Resp: 437664
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 91.904 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

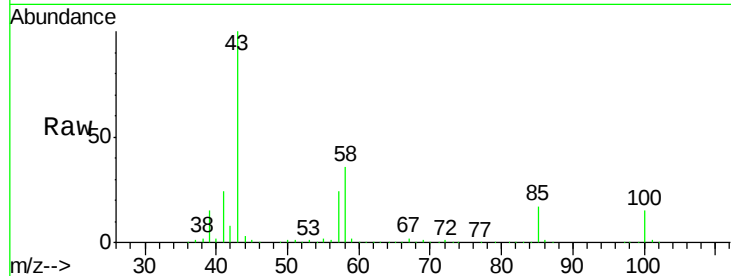
VX0427WBS02

Tgt Ion: 43 Resp: 350959

Ion Ratio Lower Upper

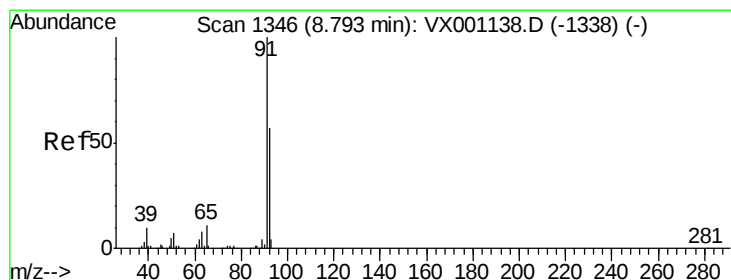
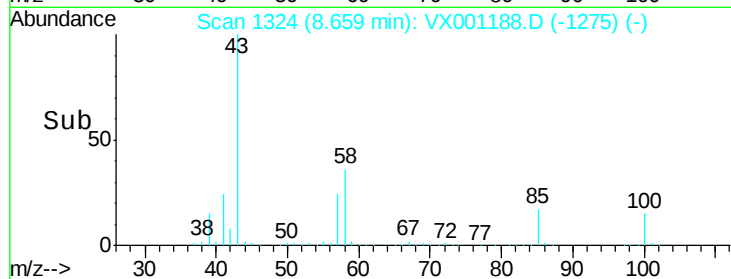
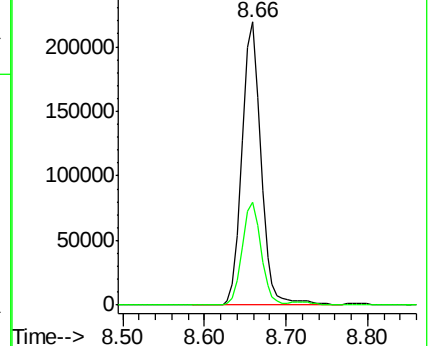
43 100

58 36.1 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.137 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001188.D

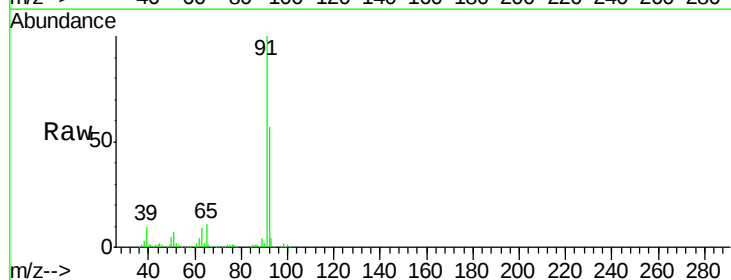
Acq: 27 Apr 2018 23:43

Tgt Ion: 92 Resp: 117747

Ion Ratio Lower Upper

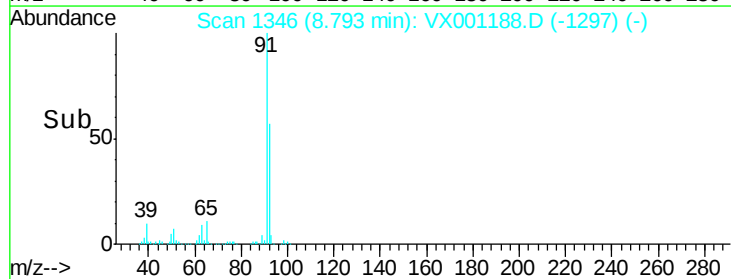
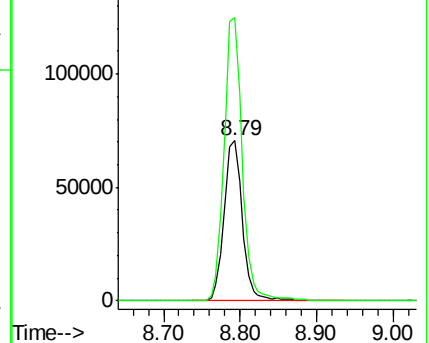
92 100

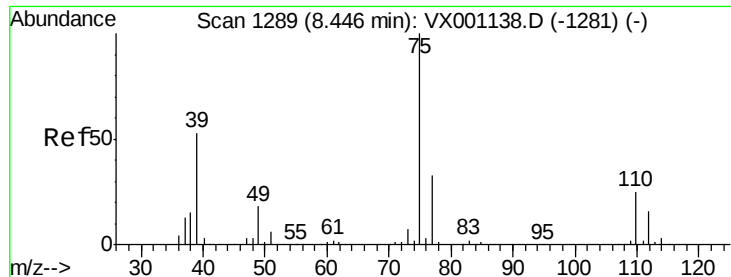
91 175.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

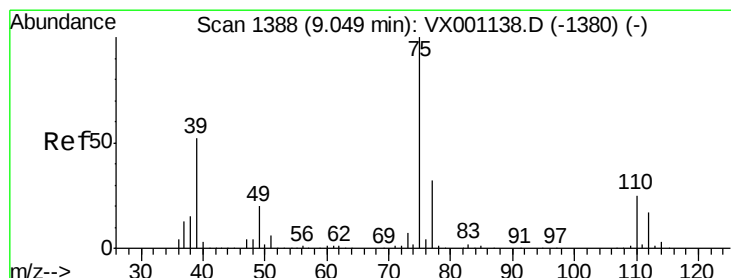
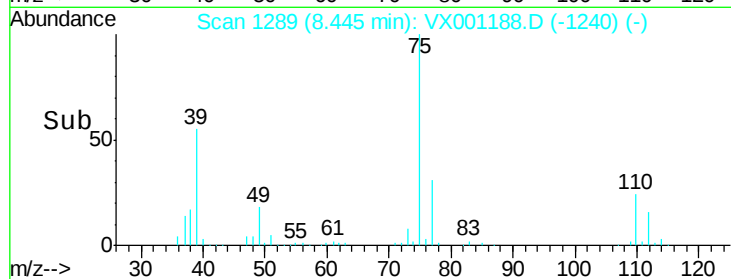
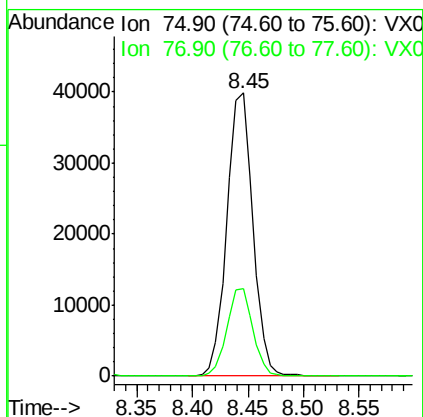
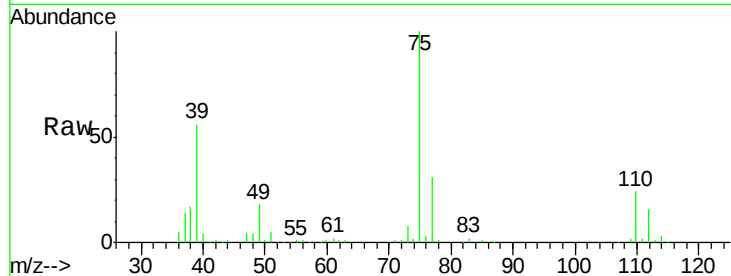




#53
 t-1,3-Dichloropropene
 Concen: 18.786 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

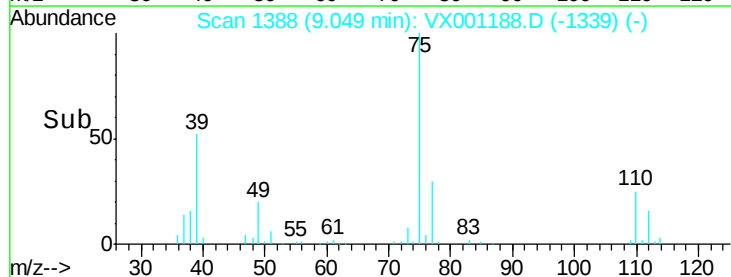
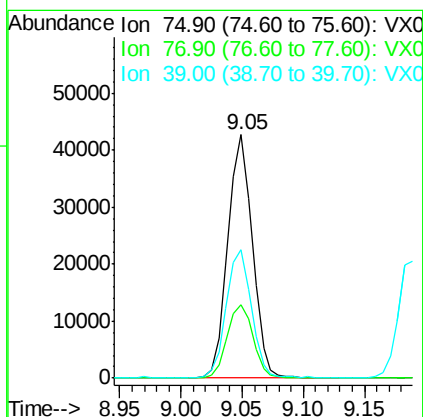
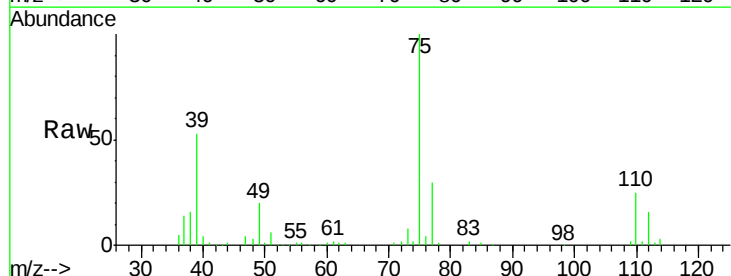
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS02

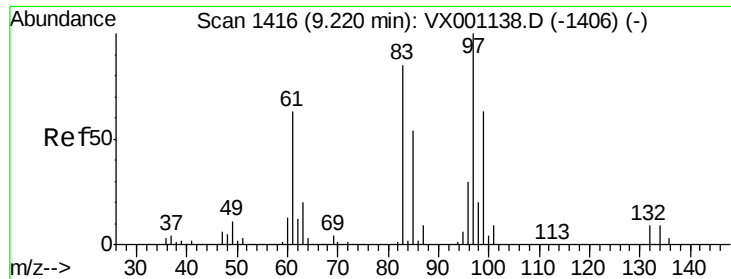
Tgt Ion: 75 Resp: 64623
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.132 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

Tgt Ion: 75 Resp: 59611
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.2
 39 52.6 42.0 63.0

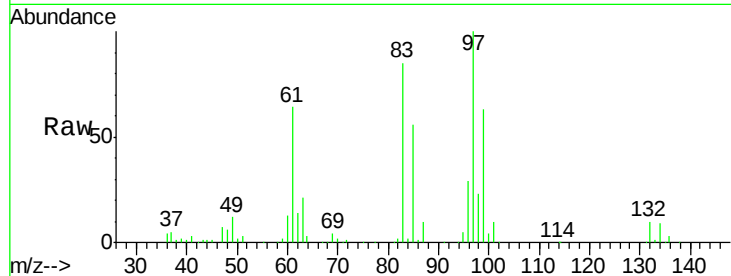




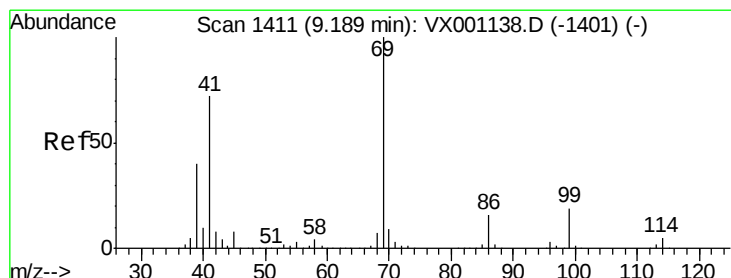
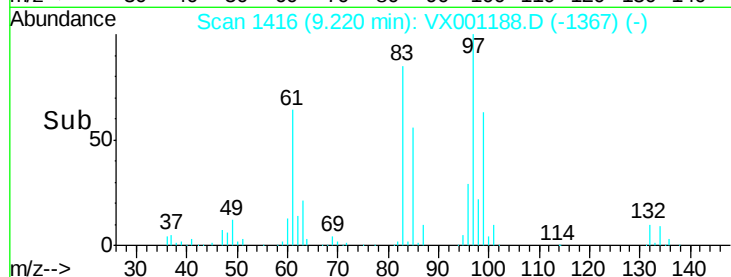
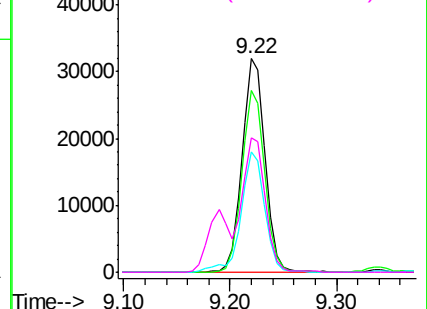
#55
 1,1,2-Trichloroethane
 Concen: 19.593 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS02

Tgt Ion: 97 Resp: 48472
 Ion Ratio Lower Upper
 97 100
 83 85.4 68.0 102.0
 85 56.4 42.9 64.3
 99 63.1 50.3 75.5

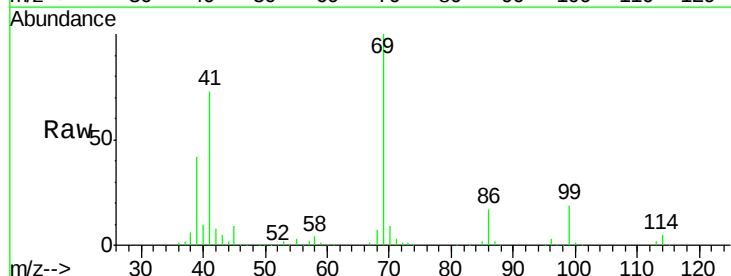


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

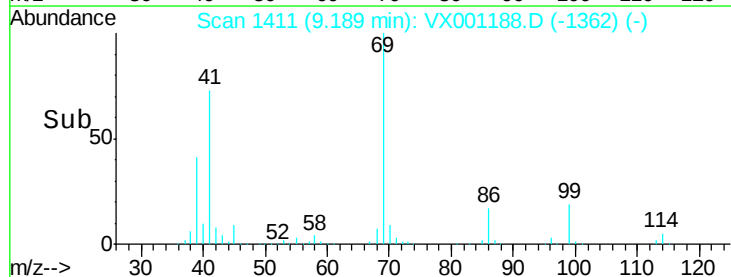
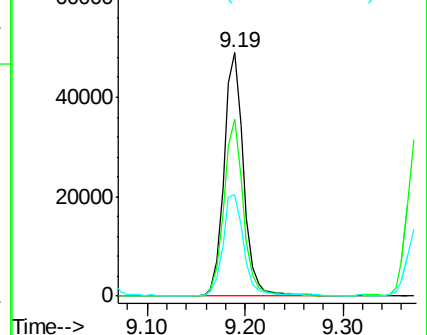


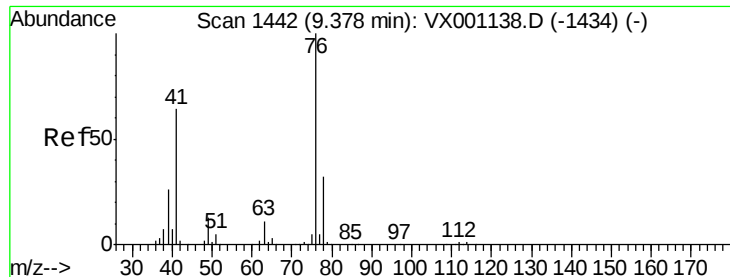
#56
 Ethyl methacrylate
 Concen: 18.589 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

Tgt Ion: 69 Resp: 68136
 Ion Ratio Lower Upper
 69 100
 41 72.6 57.7 86.5
 39 43.7 33.3 49.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

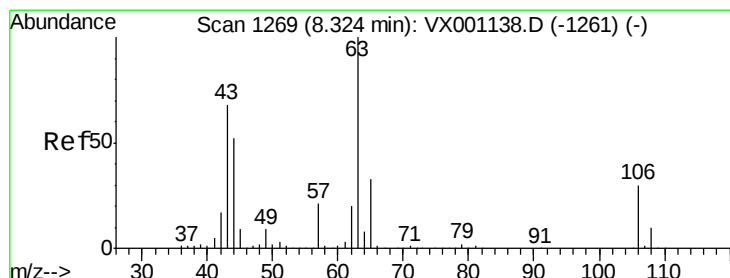
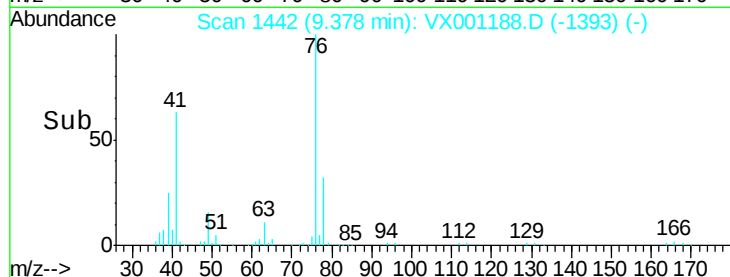
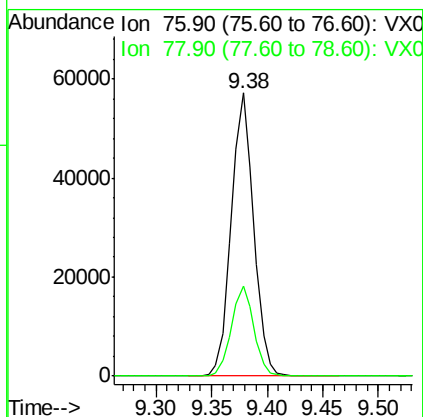
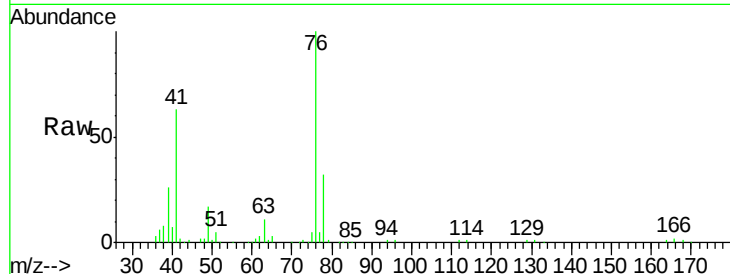




#57
 1,3-Dichloropropane
 Concen: 19.907 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

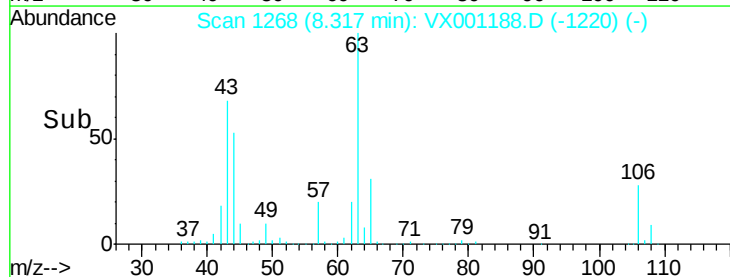
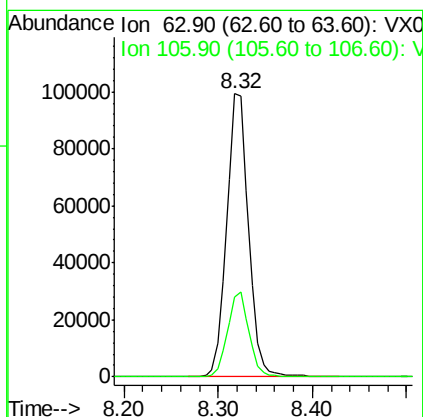
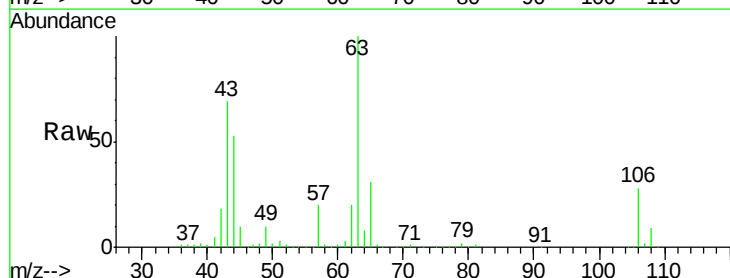
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS02

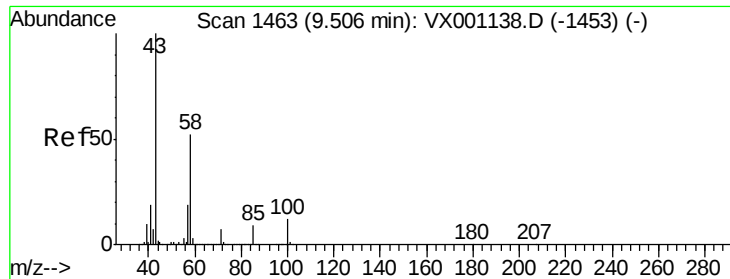
Tgt Ion: 76 Resp: 79670
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.287 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

Tgt Ion: 63 Resp: 159918
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.7 35.5

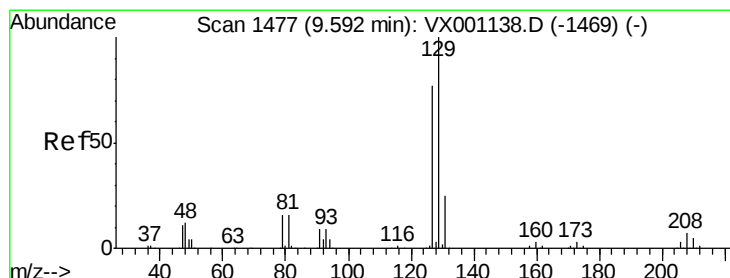
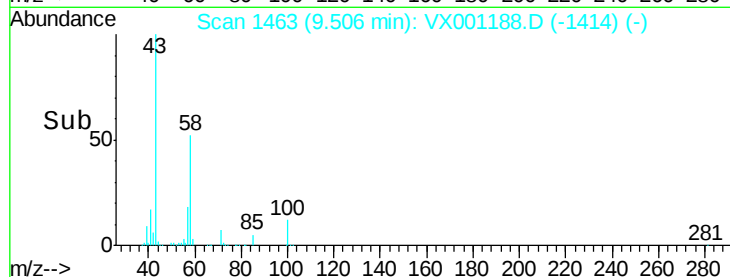
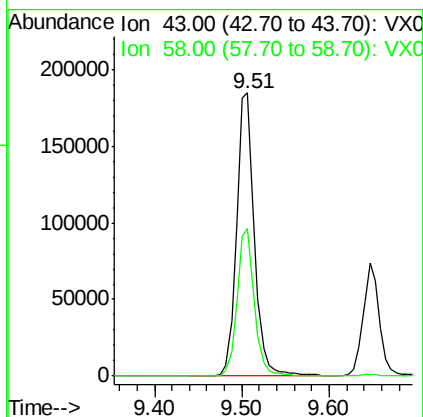
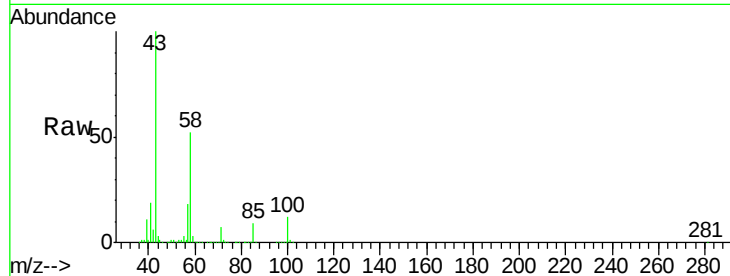




#59
2-Hexanone
Concen: 88.436 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

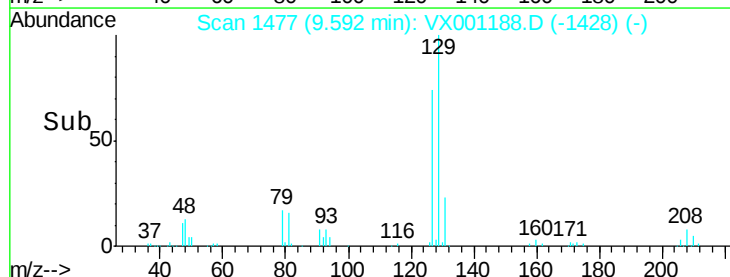
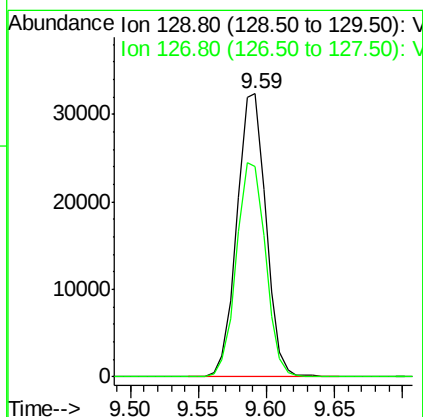
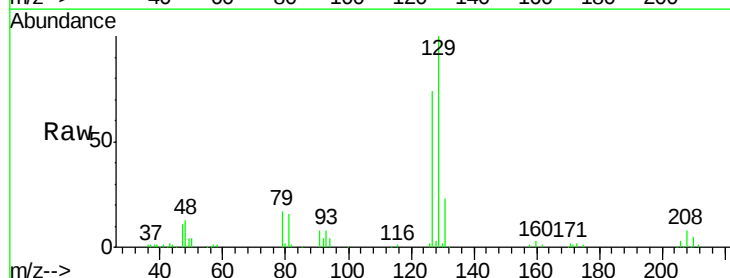
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS02

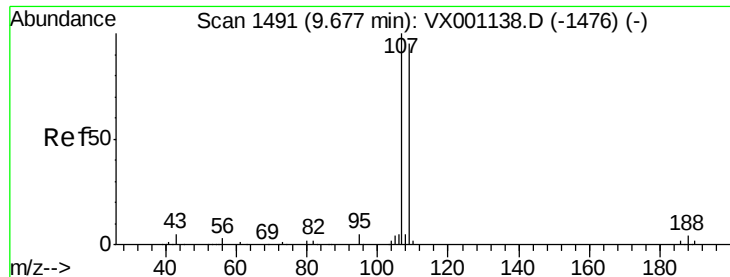
Tgt Ion: 43 Resp: 264606
Ion Ratio Lower Upper
43 100
58 50.7 25.8 77.4



#60
Dibromochloromethane
Concen: 18.924 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Tgt Ion: 129 Resp: 48245
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.861 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

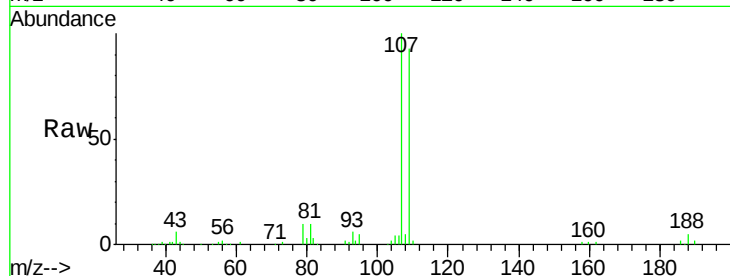
VX0427WBS02

Tgt Ion: 107 Resp: 51476

Ion Ratio Lower Upper

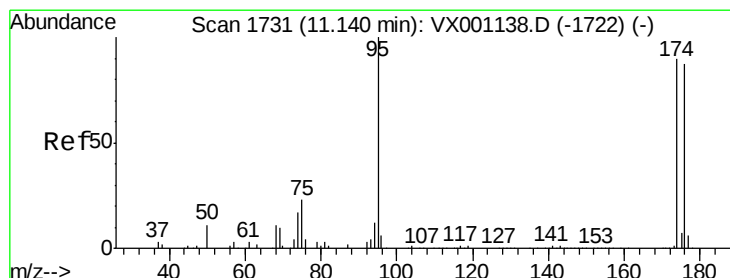
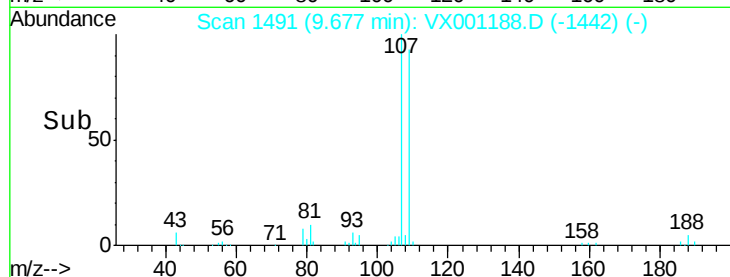
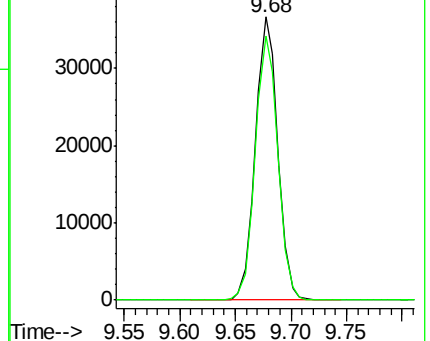
107 100

109 94.6 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.084 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

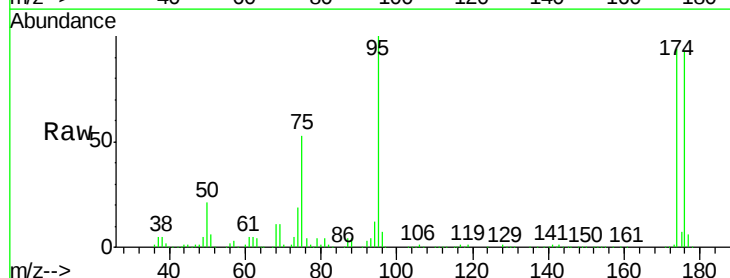
Tgt Ion: 95 Resp: 164580

Ion Ratio Lower Upper

95 100

174 100.8 0.0 194.4

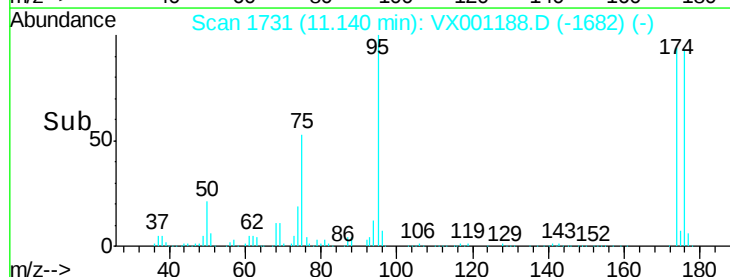
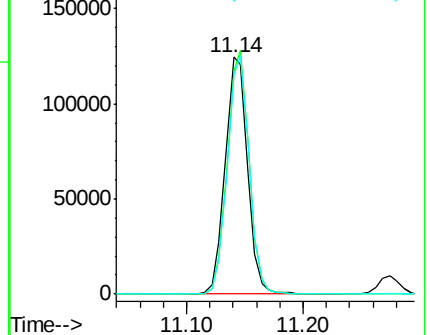
176 98.4 0.0 190.2

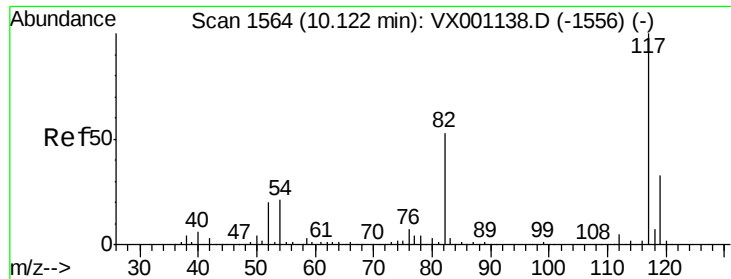


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

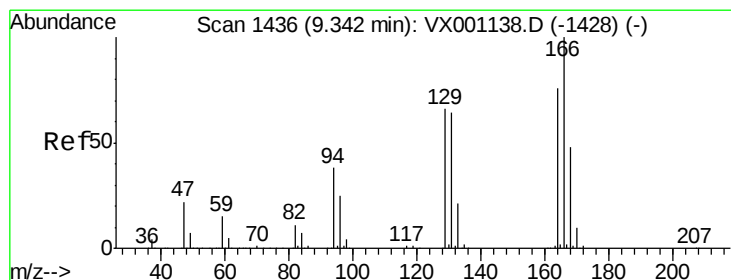
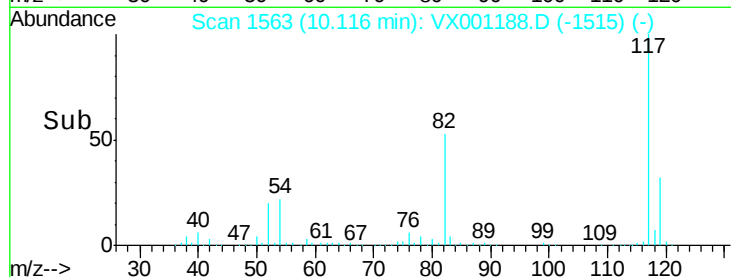
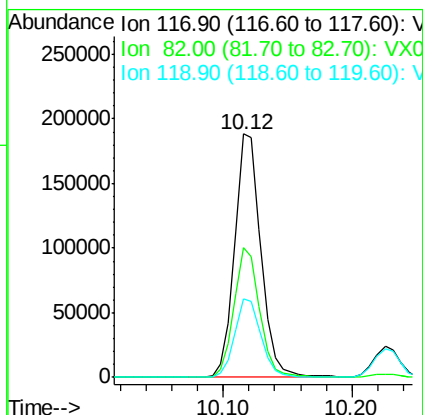
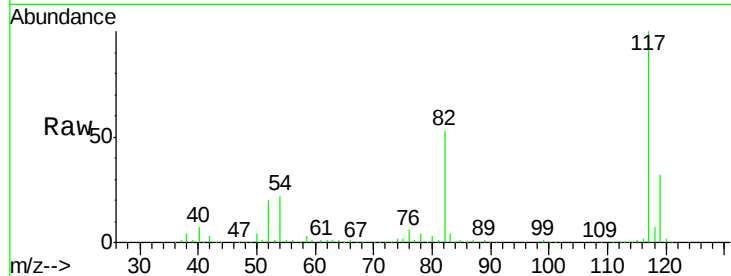




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

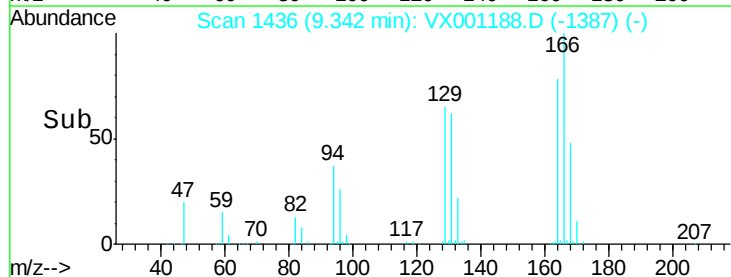
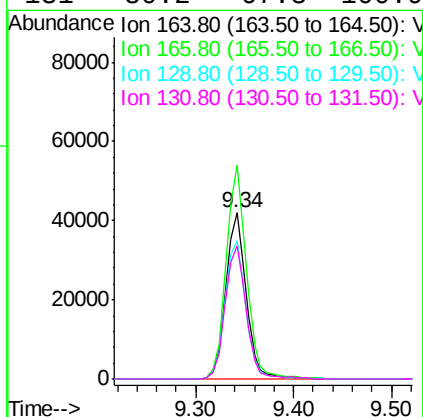
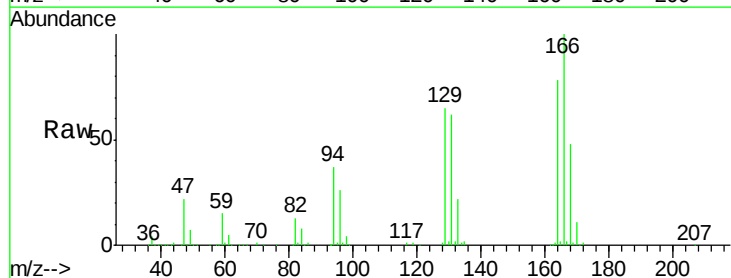
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS02

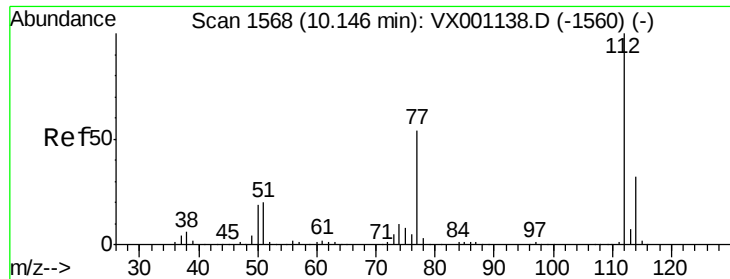
Tgt Ion:117 Resp: 268173
Ion Ratio Lower Upper
117 100
82 53.4 42.1 63.1
119 32.1 26.1 39.1



#64
Tetrachloroethene
Concen: 21.267 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Tgt Ion:164 Resp: 60876
Ion Ratio Lower Upper
164 100
166 128.7 105.0 157.6
129 83.0 69.4 104.2
131 80.2 67.3 100.9





#65

Chlorobenzene

Concen: 19.891 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

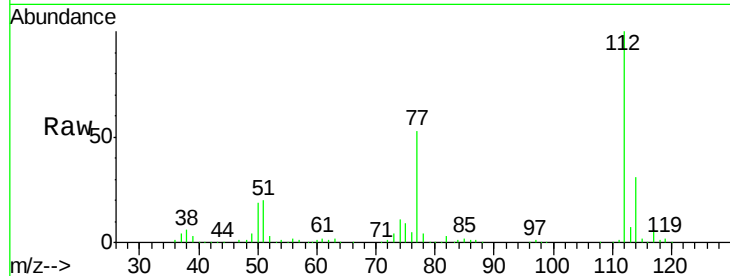
VX0427WBS02

Tgt Ion:112 Resp: 139757

Ion Ratio Lower Upper

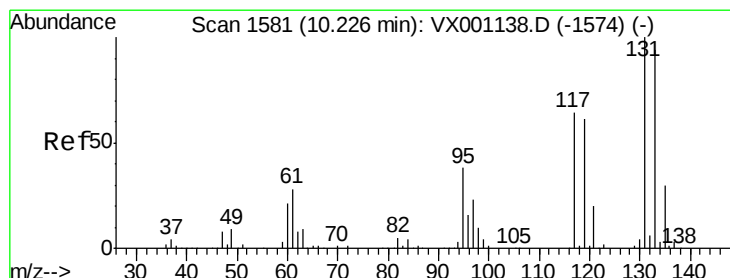
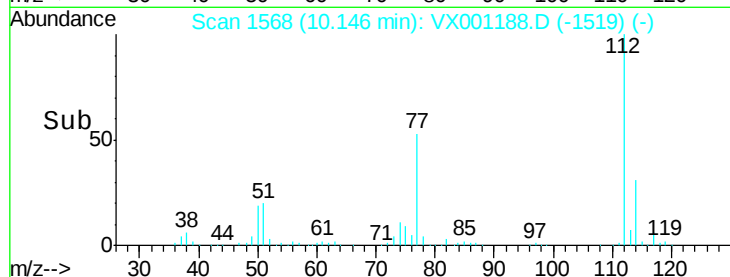
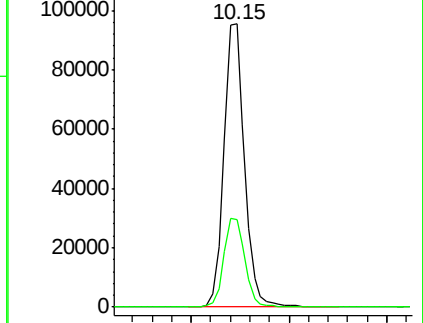
112 100

114 31.2 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: 19.900 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

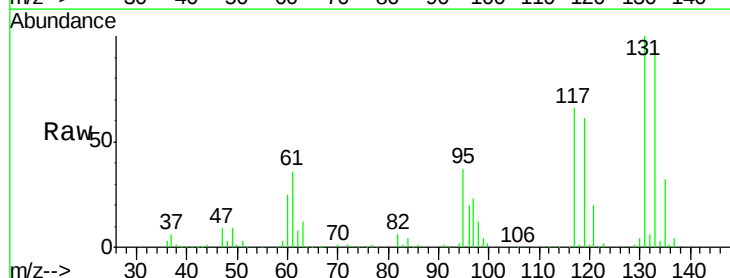
Tgt Ion:131 Resp: 48376

Ion Ratio Lower Upper

131 100

133 95.9 47.8 143.4

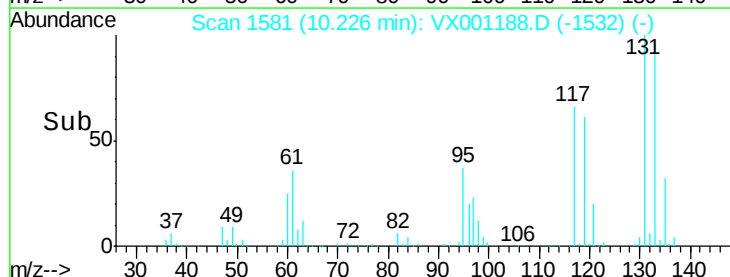
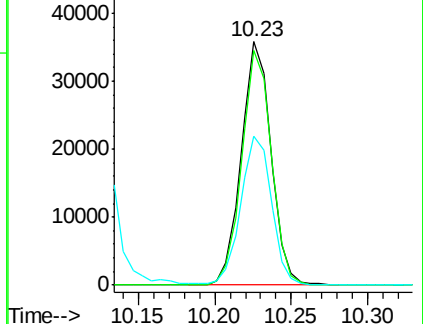
119 64.1 31.3 93.8

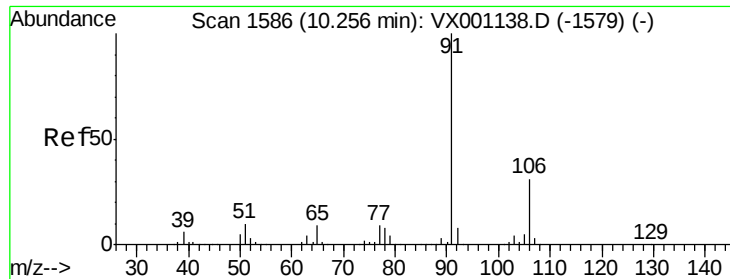


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.044 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

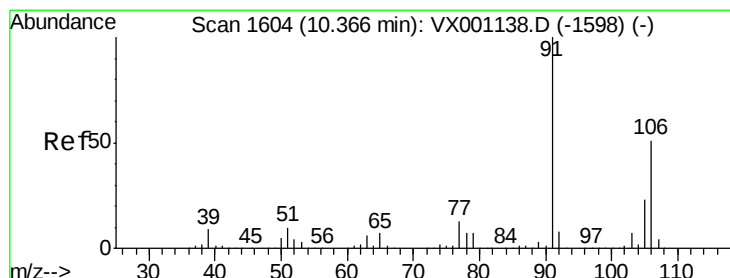
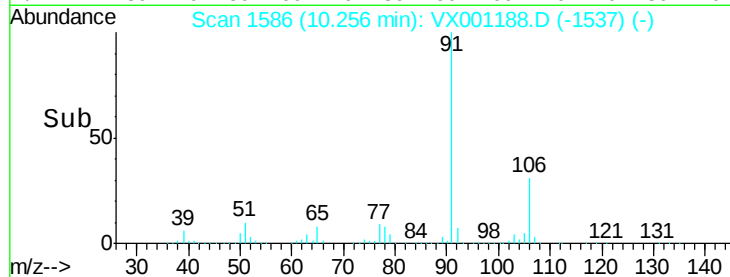
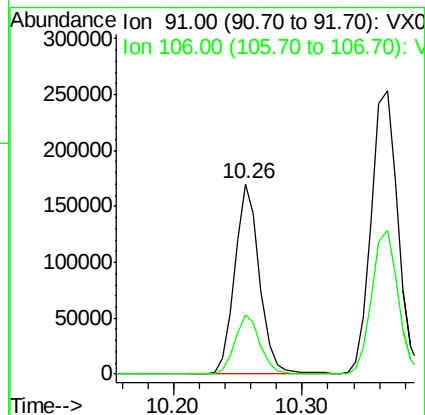
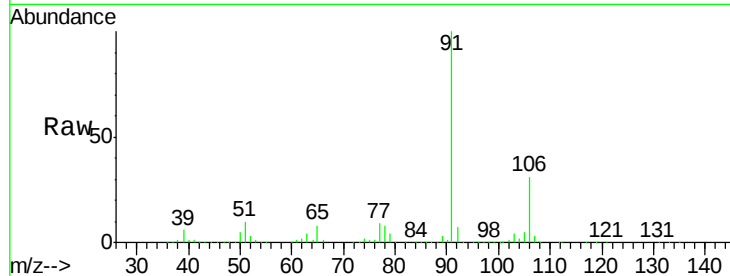
VX0427WBS02

Tgt Ion: 91 Resp: 228817

Ion Ratio Lower Upper

91 100

106 31.4 24.8 37.2



#68

m/p-Xylenes

Concen: 40.224 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001188.D

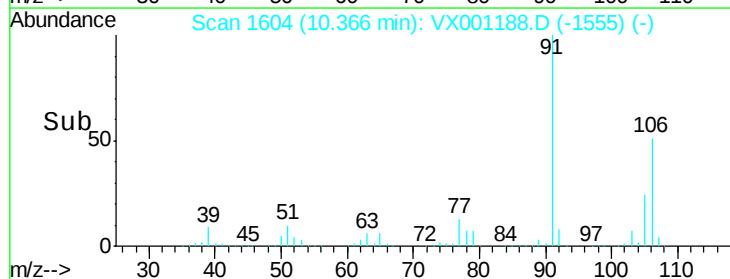
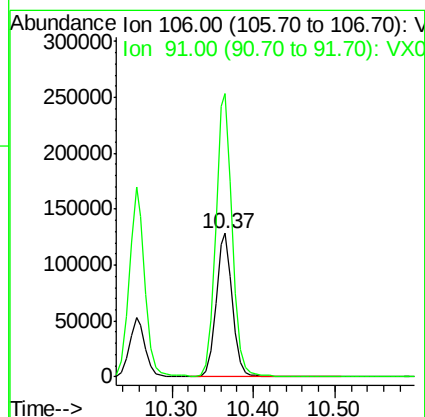
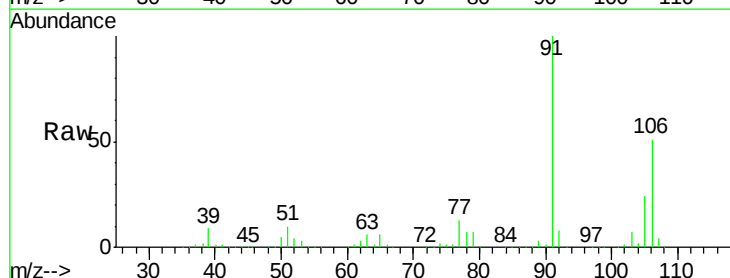
Acq: 27 Apr 2018 23:43

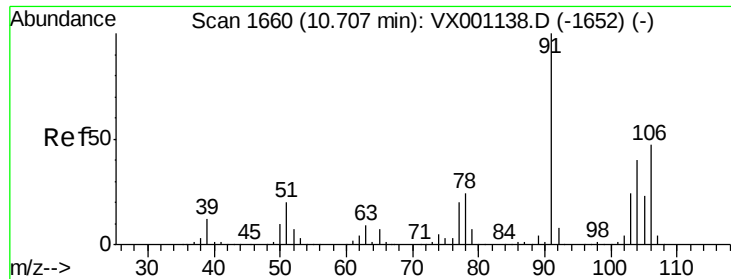
Tgt Ion: 106 Resp: 181534

Ion Ratio Lower Upper

106 100

91 200.2 160.9 241.3

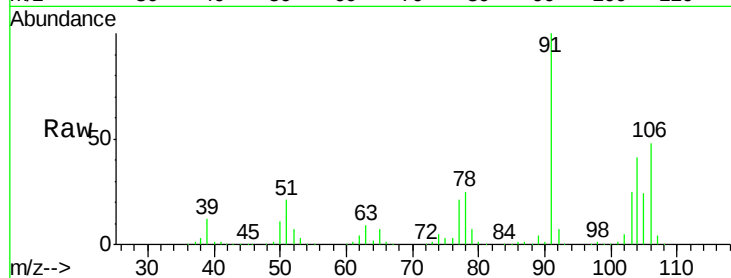




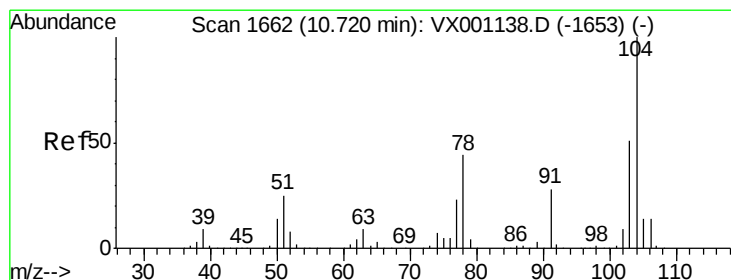
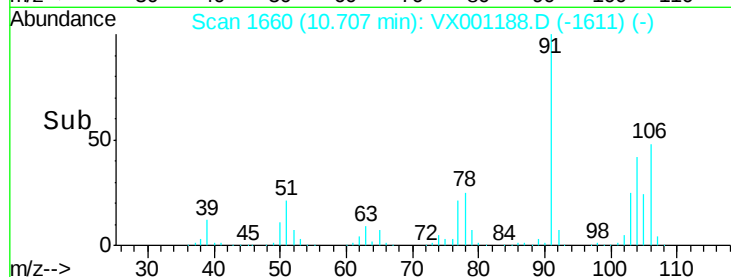
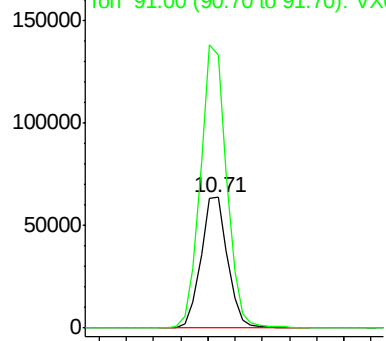
#69
o-Xylene
Concen: 19.906 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBS02

Tgt Ion:106 Resp: 87137
Ion Ratio Lower Upper
106 100
91 213.2 106.2 318.5

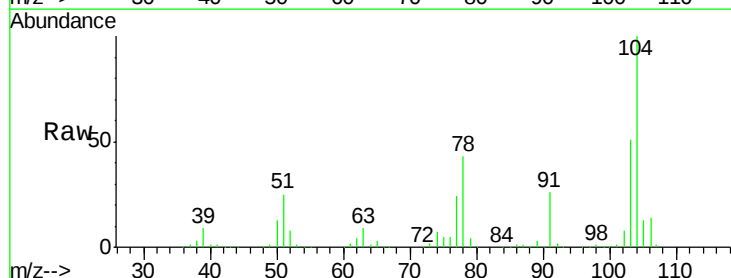


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

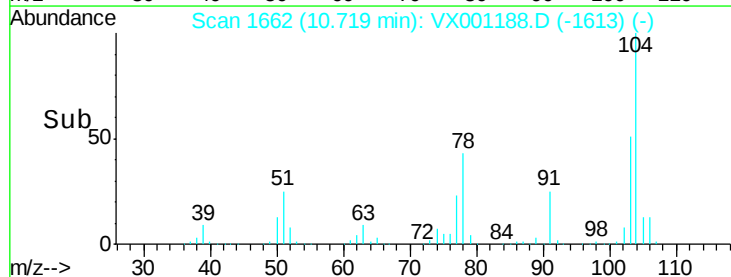
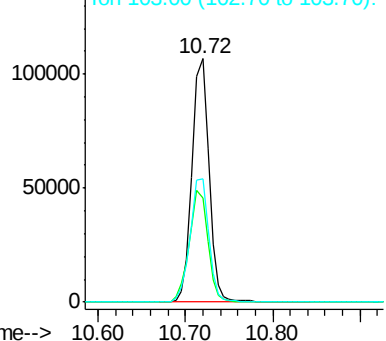


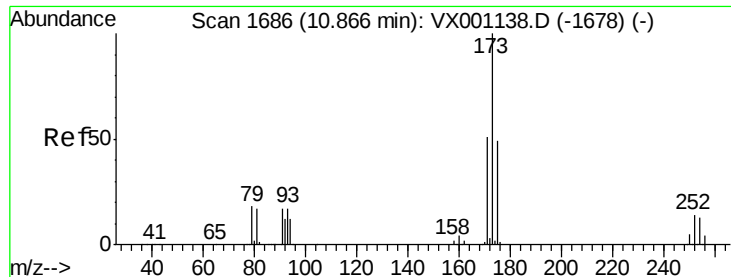
#70
Styrene
Concen: 19.813 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001188.D
Acq: 27 Apr 2018 23:43

Tgt Ion:104 Resp: 144334
Ion Ratio Lower Upper
104 100
78 50.2 40.3 60.5
103 55.5 44.3 66.5



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: 18.205 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

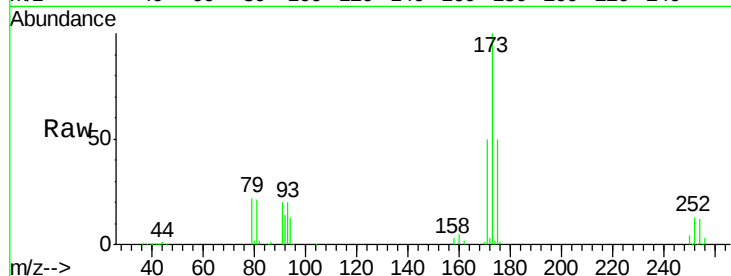
Tgt Ion:173 Resp: 37613

Ion Ratio Lower Upper

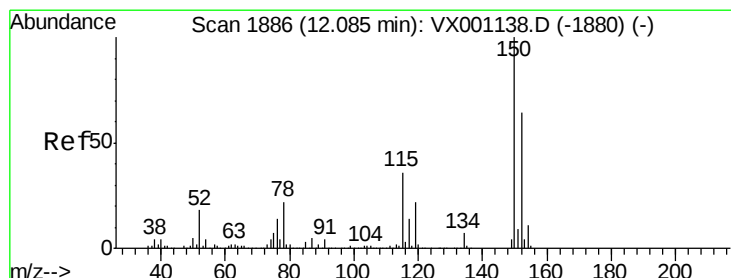
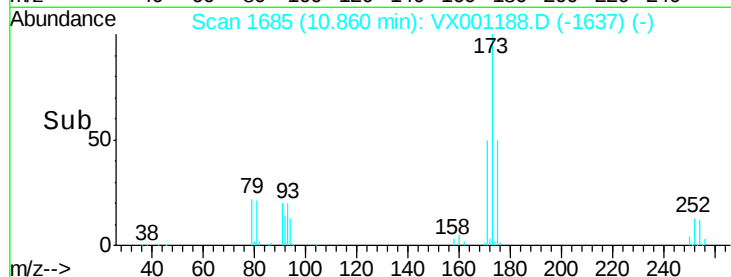
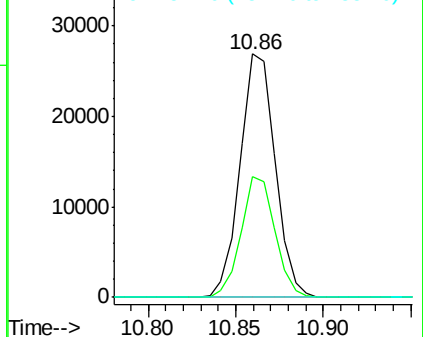
173 100

175 47.9 24.6 73.8

254 0.2 0.2 0.2



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: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

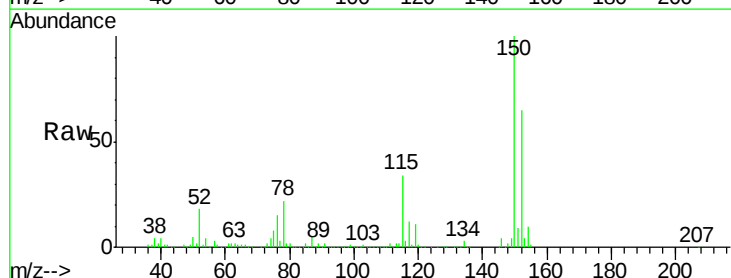
Tgt Ion:152 Resp: 179946

Ion Ratio Lower Upper

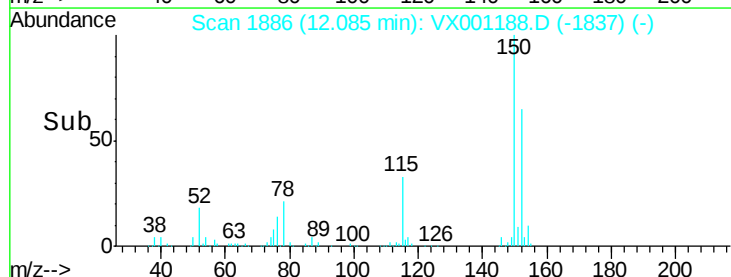
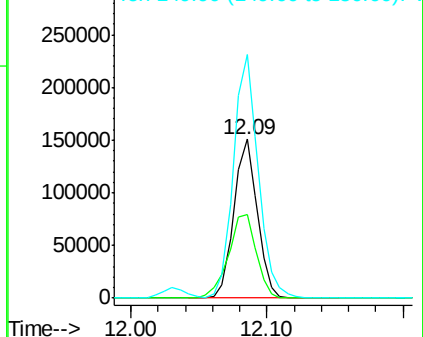
152 100

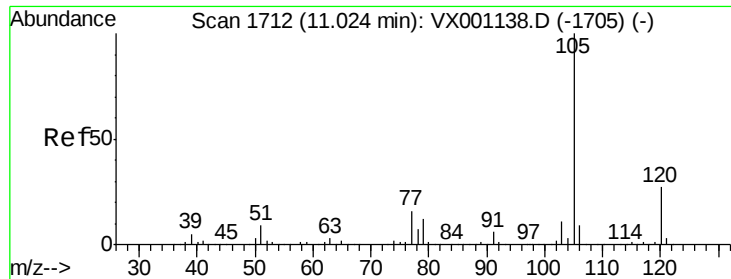
115 63.1 38.0 114.0

150 162.8 0.0 349.6



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: 20.082 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

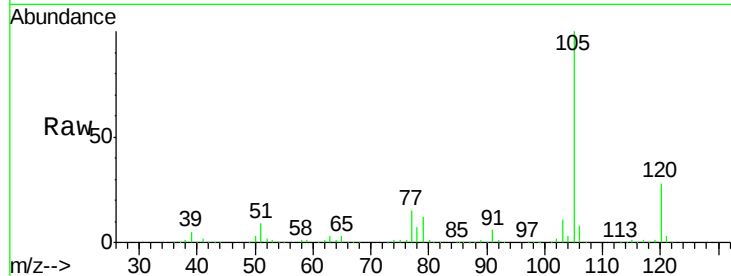
VX0427WBS02

Tgt Ion: 105 Resp: 235531

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

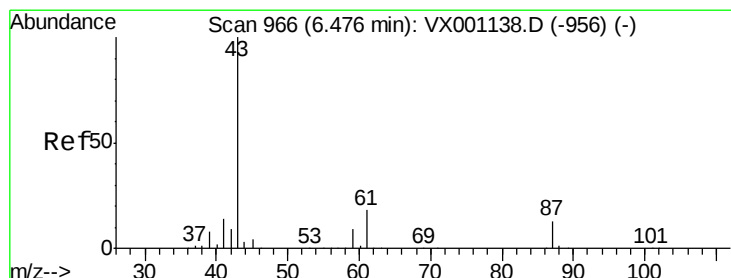
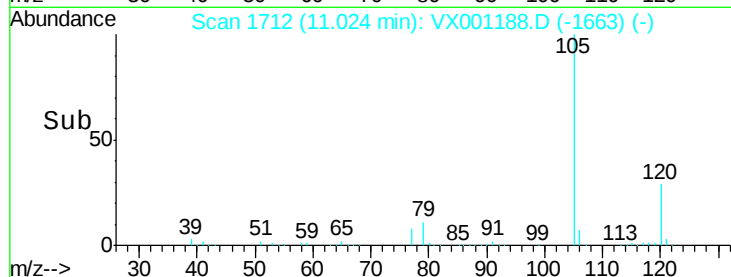
100000

50000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 17.326 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Tgt Ion: 43 Resp: 102398

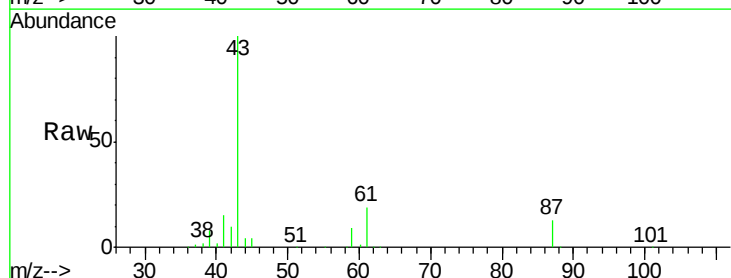
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.9 15.0 22.6



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

60000

50000

40000

30000

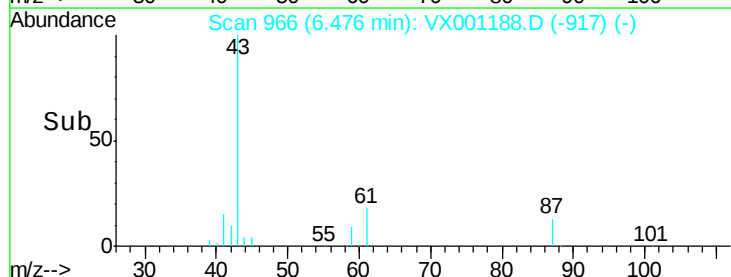
20000

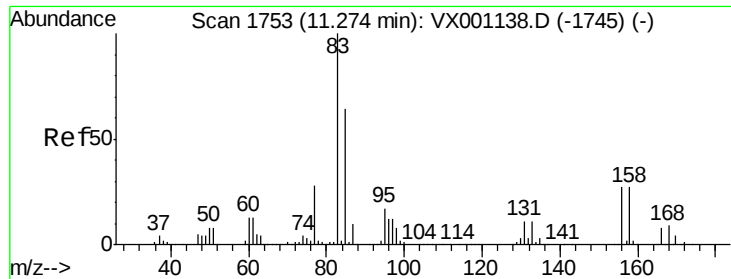
10000

0

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.521 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

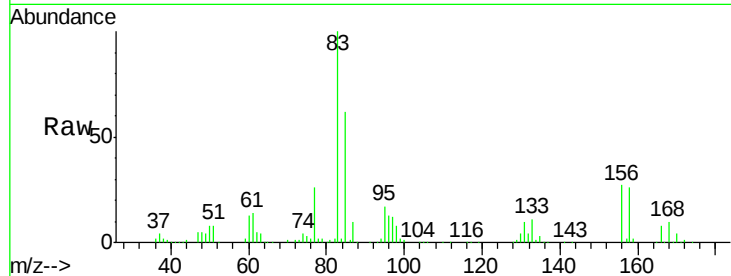
Tgt Ion: 83 Resp: 72073

Ion Ratio Lower Upper

83 100

131 11.1 5.8 17.4

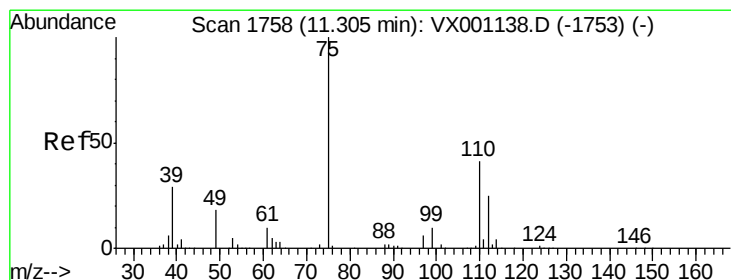
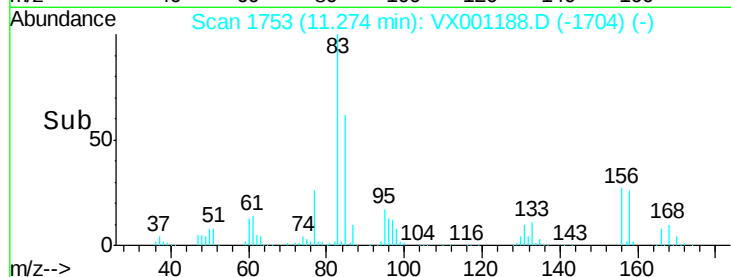
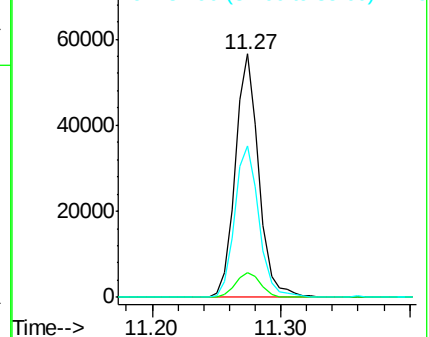
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.635 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001188.D

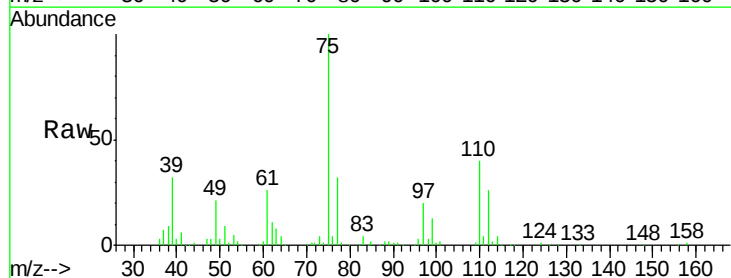
Acq: 27 Apr 2018 23:43

Tgt Ion: 75 Resp: 75611

Ion Ratio Lower Upper

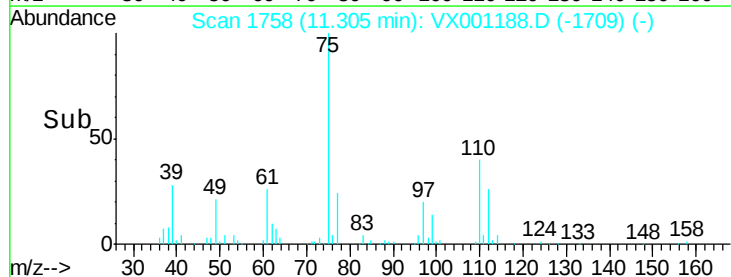
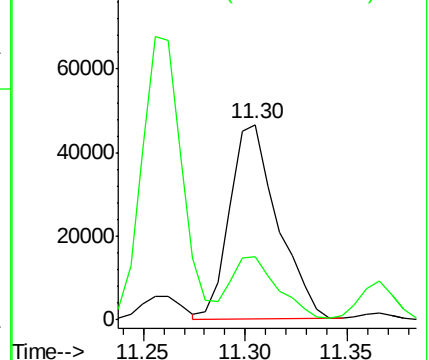
75 100

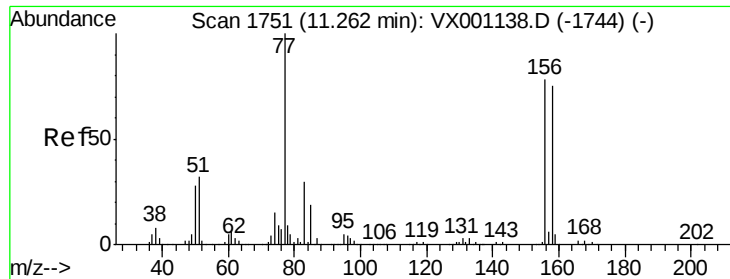
77 31.3 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.748 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

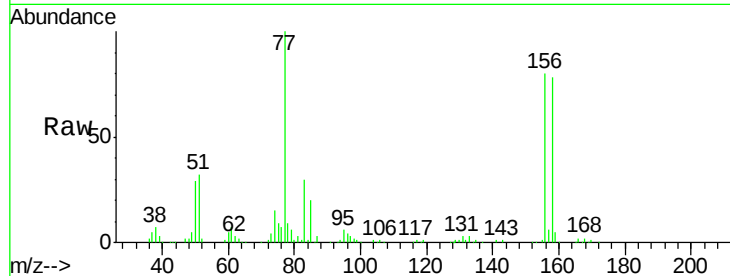
Tgt Ion:156 Resp: 68685

Ion Ratio Lower Upper

156 100

77 135.0 67.8 203.2

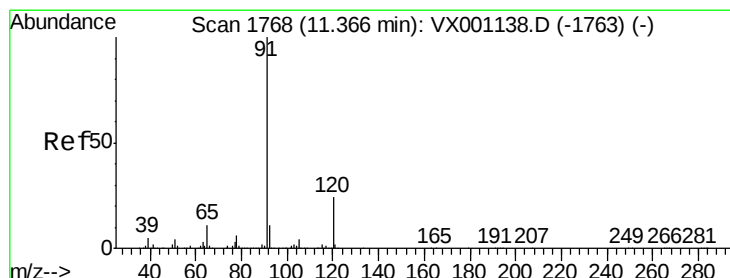
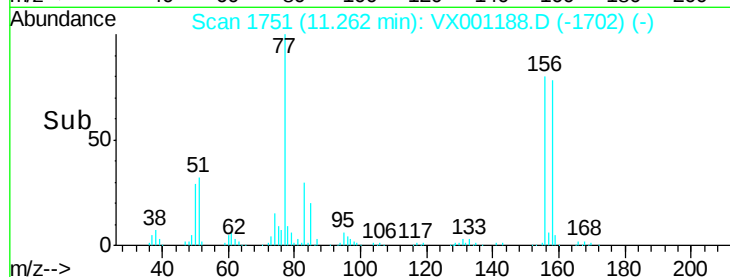
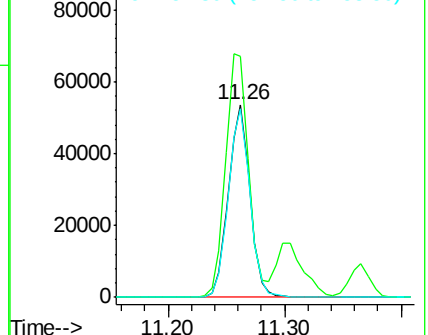
158 98.8 48.9 146.7



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: 20.351 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001188.D

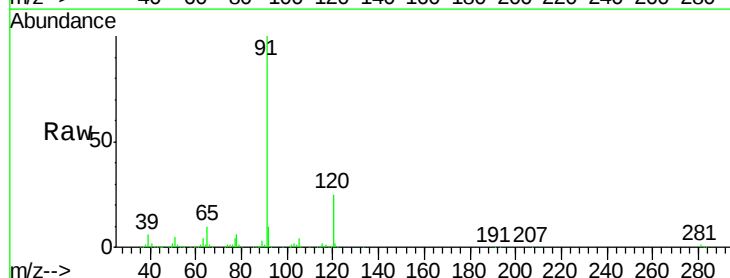
Acq: 27 Apr 2018 23:43

Tgt Ion: 91 Resp: 266151

Ion Ratio Lower Upper

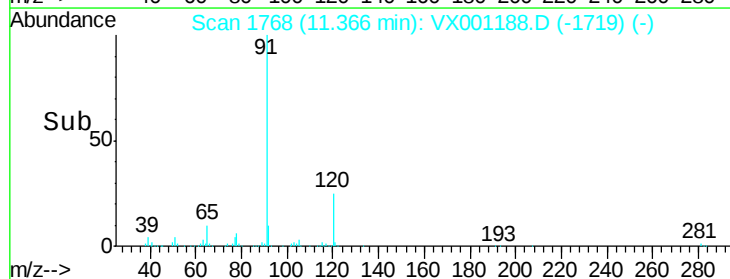
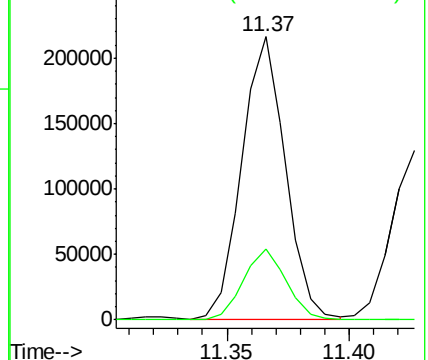
91 100

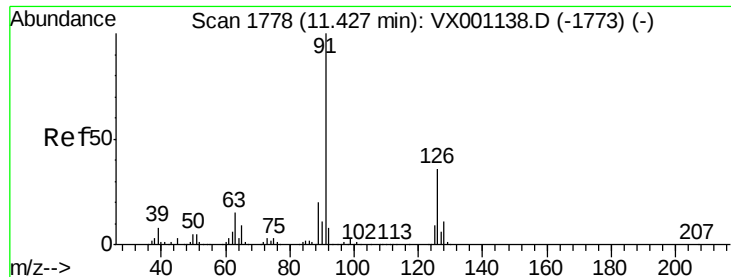
120 24.7 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.872 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampled :

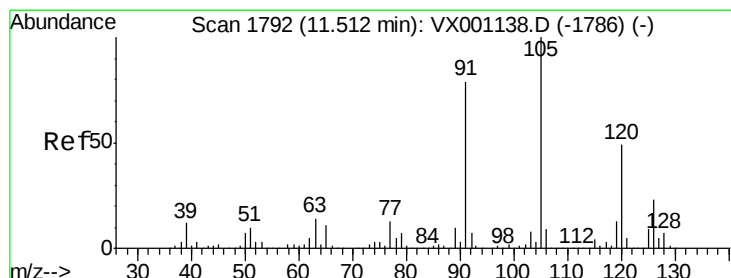
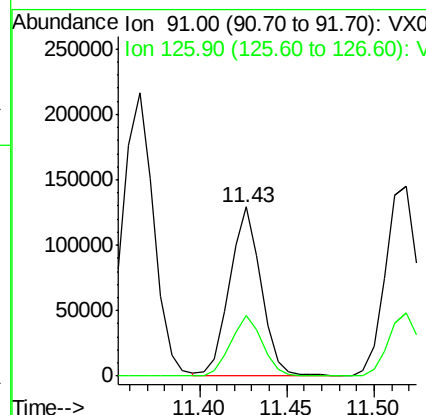
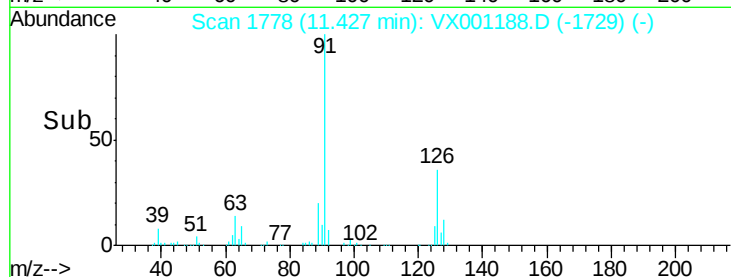
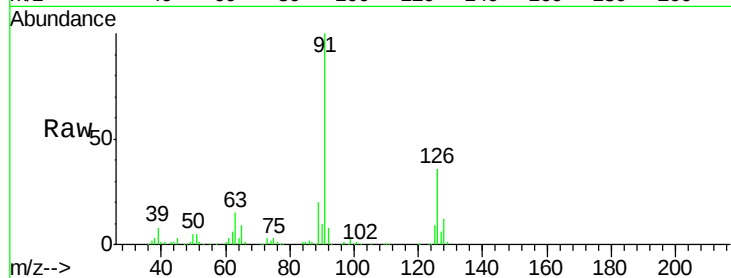
VX0427WBS02

Tgt Ion: 91 Resp: 161104

Ion Ratio Lower Upper

91 100

126 36.1 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 20.013 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001188.D

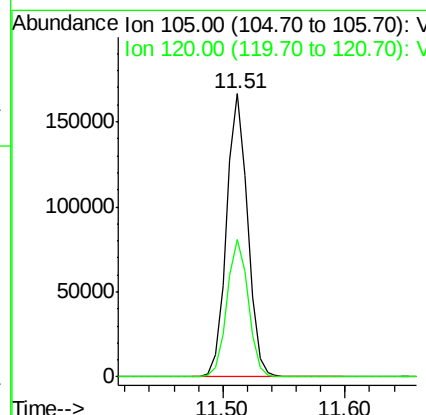
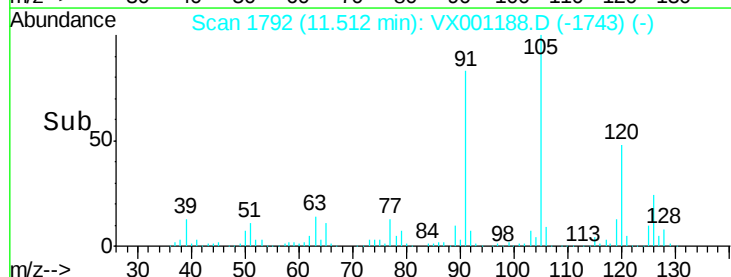
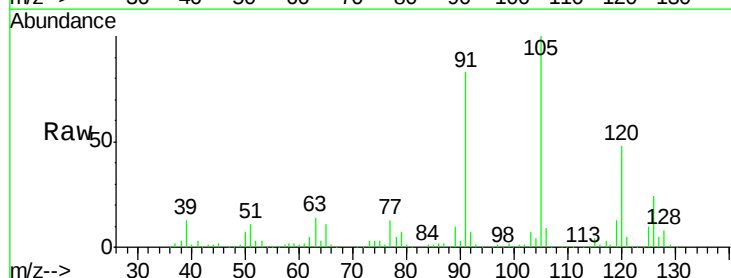
Acq: 27 Apr 2018 23:43

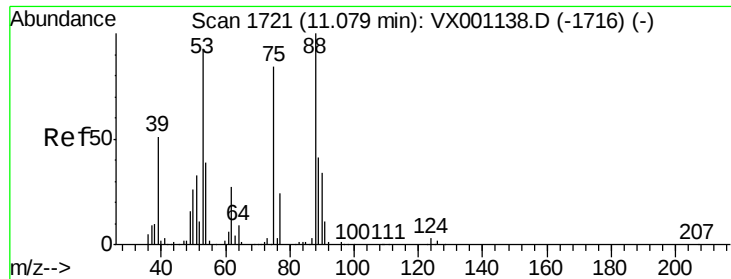
Tgt Ion: 105 Resp: 198731

Ion Ratio Lower Upper

105 100

120 49.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 15.693 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

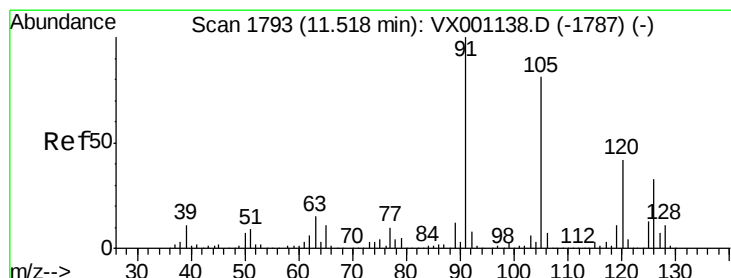
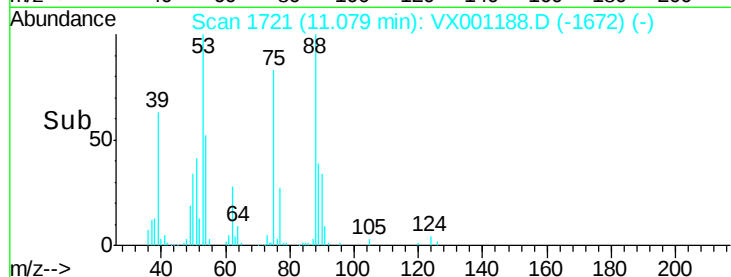
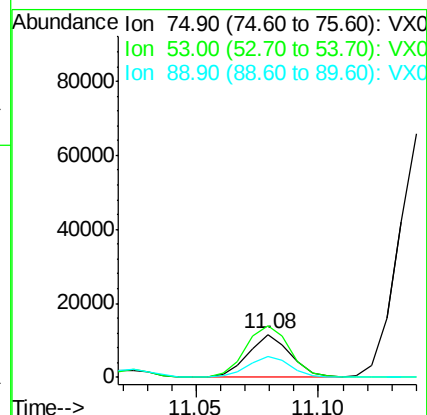
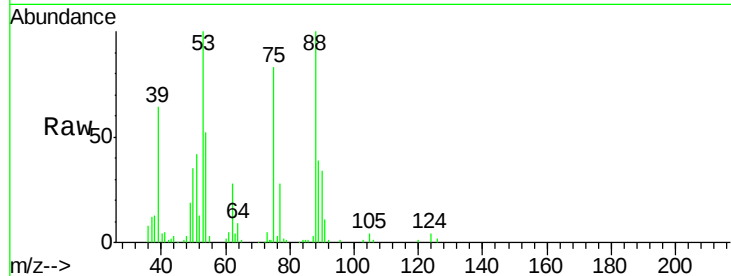
Tgt Ion: 75 Resp: 13538

Ion Ratio Lower Upper

75 100

53 129.2 87.9 131.9

89 50.7 37.7 56.5



#82

4-Chlorotoluene

Concen: 19.678 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001188.D

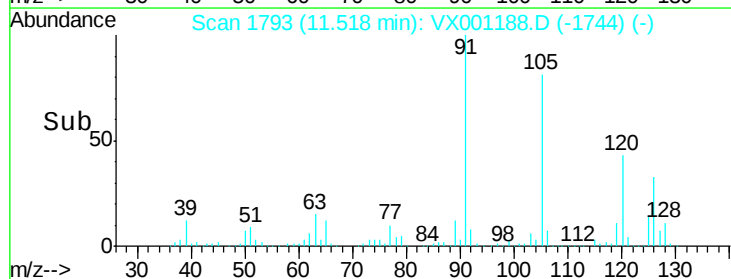
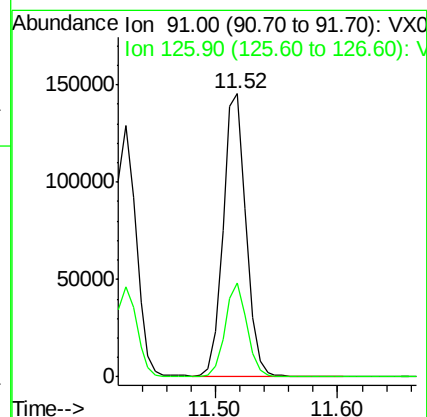
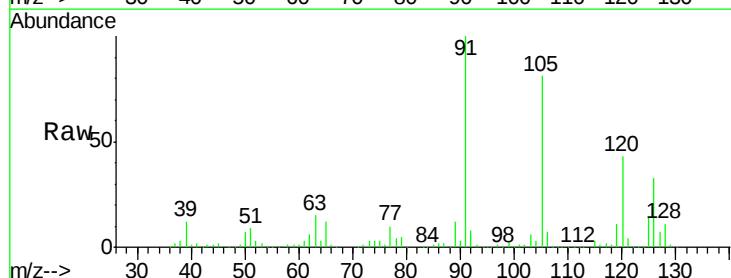
Acq: 27 Apr 2018 23:43

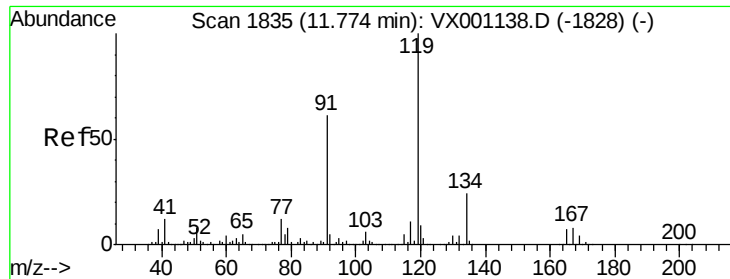
Tgt Ion: 91 Resp: 189618

Ion Ratio Lower Upper

91 100

126 31.5 15.8 47.4

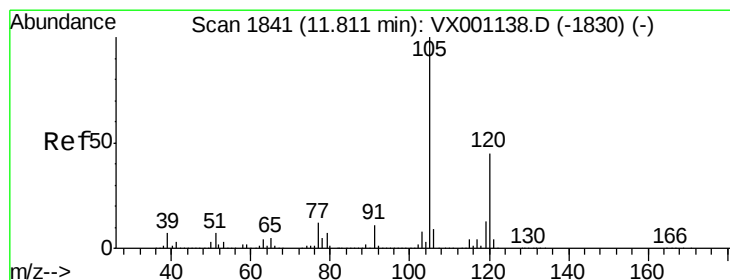
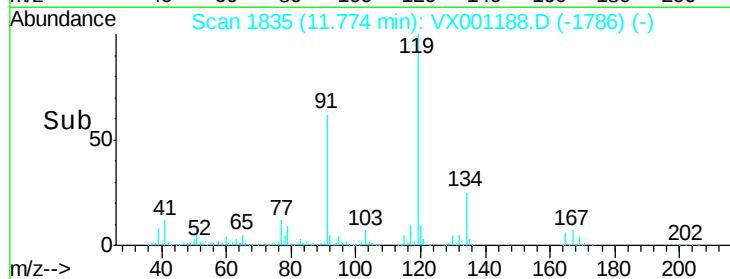
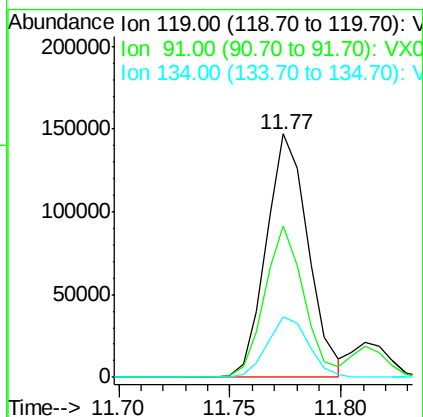
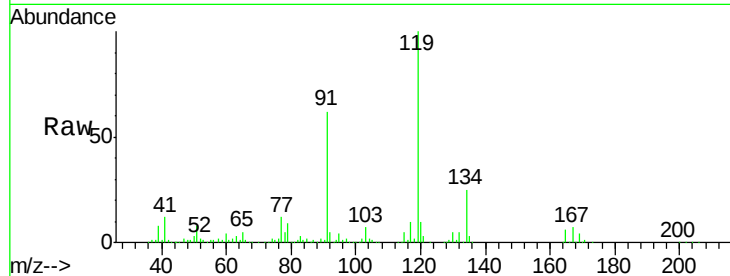




#83
 tert-Butylbenzene
 Concen: 19.377 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

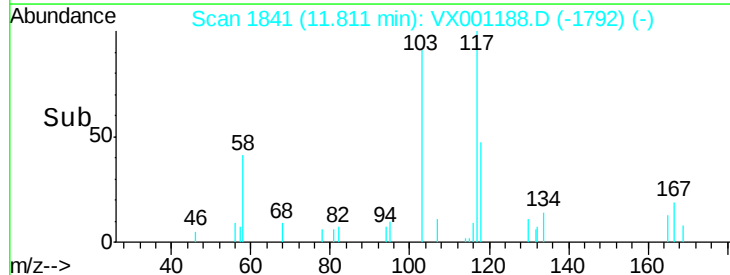
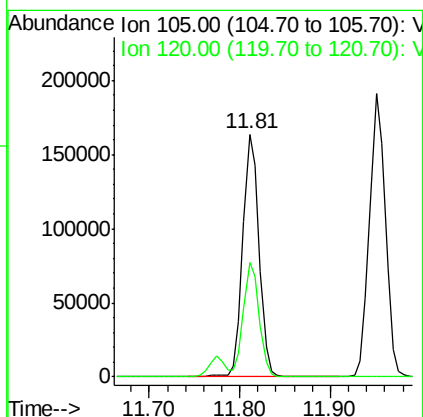
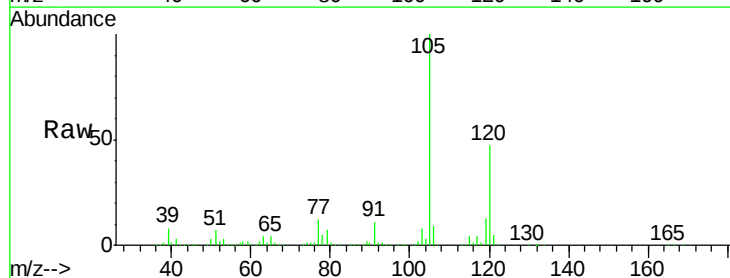
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS02

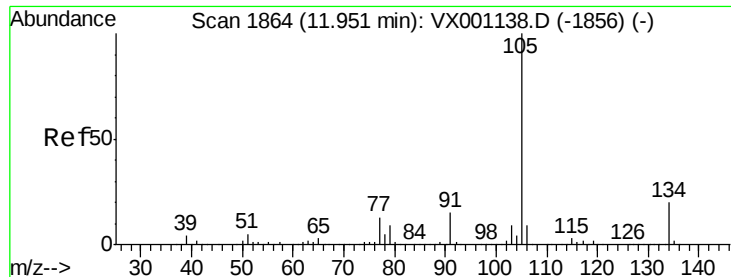
Tgt Ion:119 Resp: 192027
 Ion Ratio Lower Upper
 119 100
 91 58.7 27.6 82.8
 134 24.8 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.032 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

Tgt Ion:105 Resp: 204465
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.4 67.3

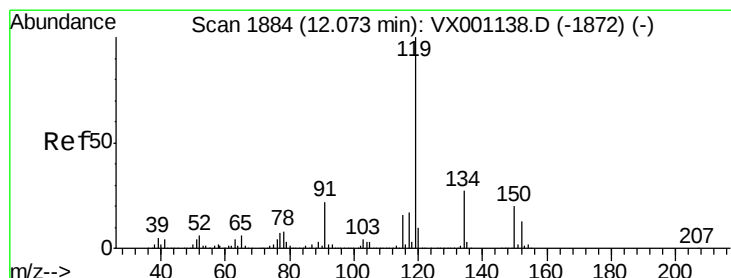
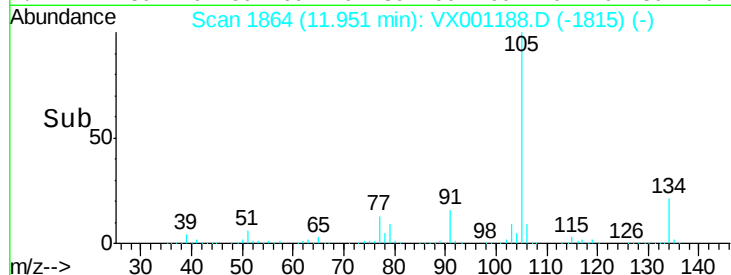
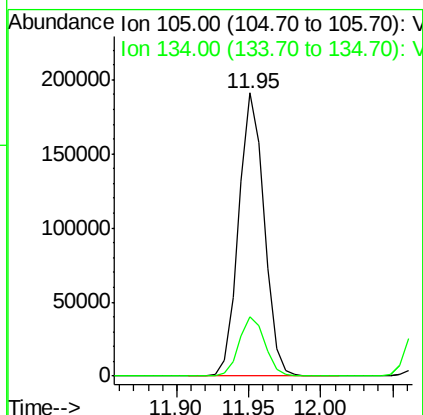
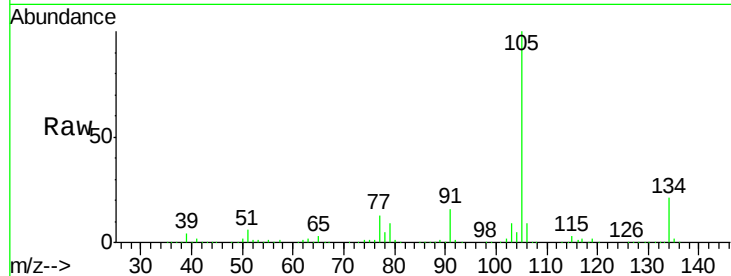




#85
 sec-Butylbenzene
 Concen: 20.304 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

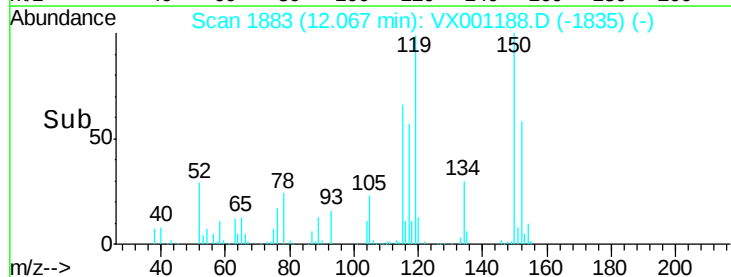
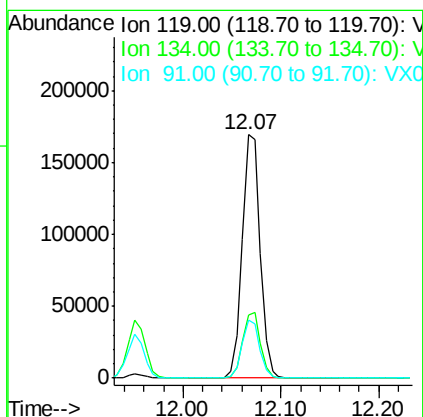
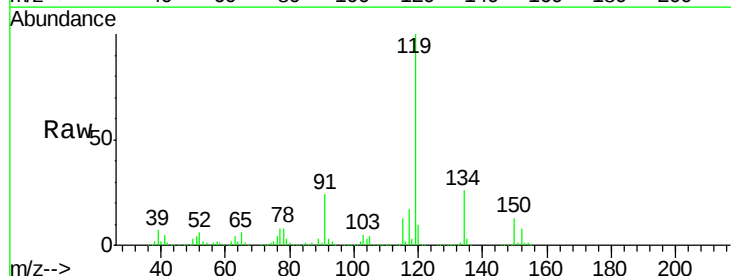
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS02

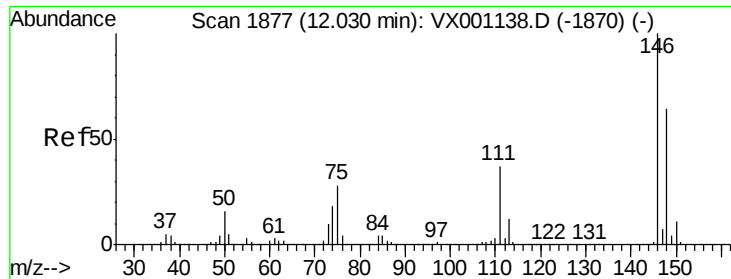
Tgt Ion:105 Resp: 235045
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 19.995 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

Tgt Ion:119 Resp: 215324
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 23.6 11.6 34.8

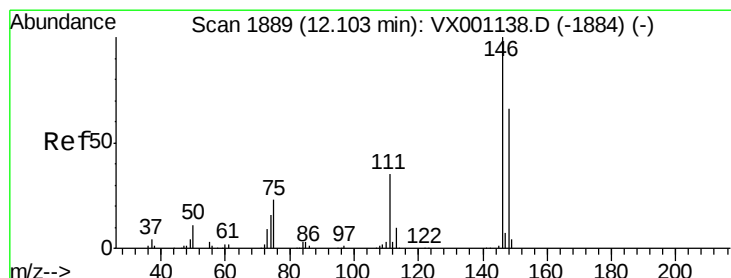
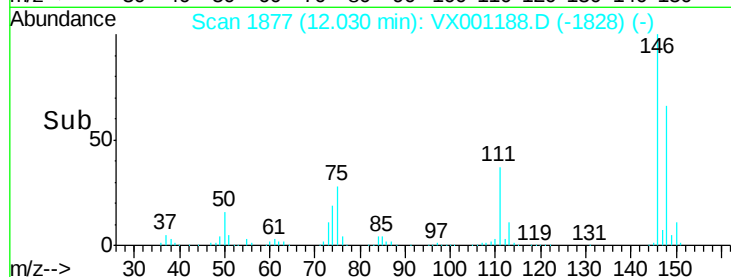
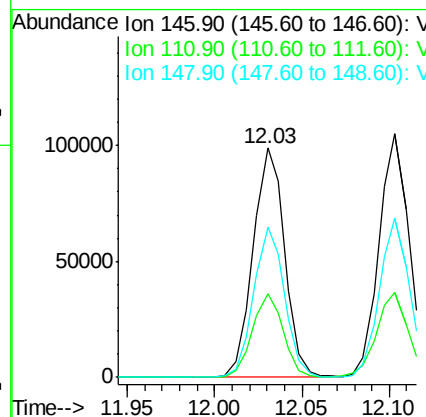
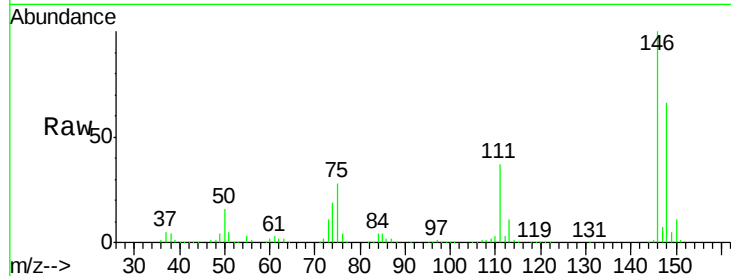




#87
 1,3-Dichlorobenzene
 Concen: 19.955 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

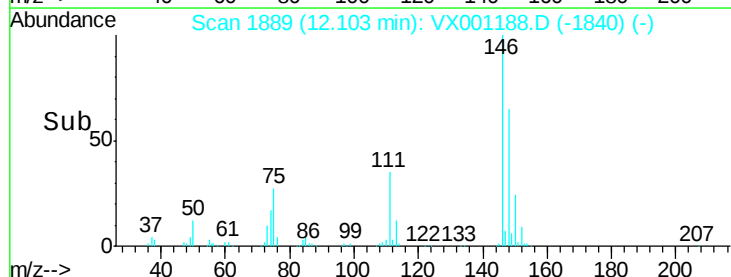
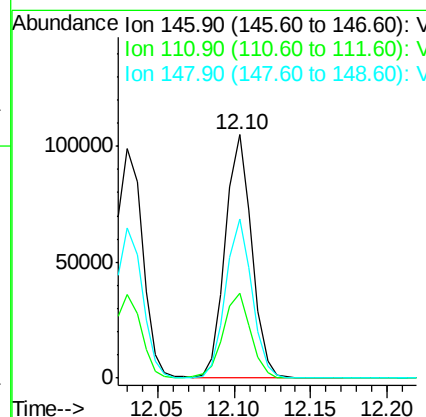
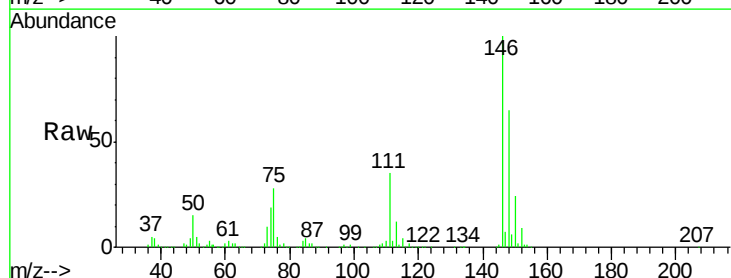
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBS02

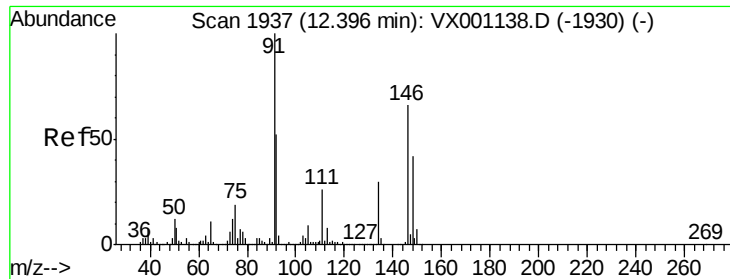
Tgt Ion:146 Resp: 124597
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.6 56.0
 148 64.2 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.429 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001188.D
 Acq: 27 Apr 2018 23:43

Tgt Ion:146 Resp: 126396
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.0 54.0
 148 65.1 32.5 97.5





#89

n-Butylbenzene

Concen: 19.136 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

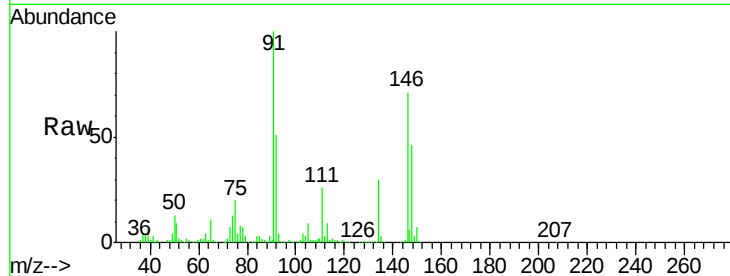
Tgt Ion: 91 Resp: 178359

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.6

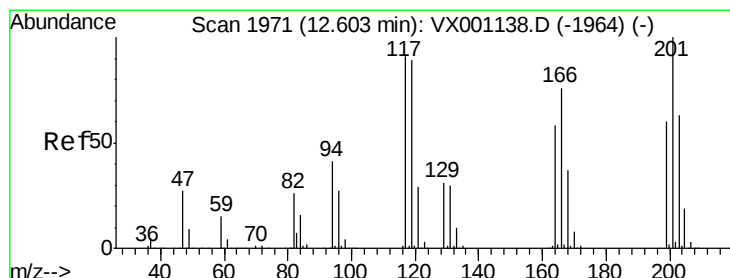
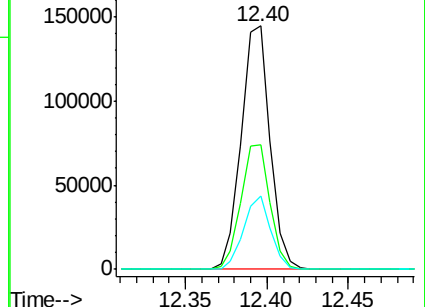
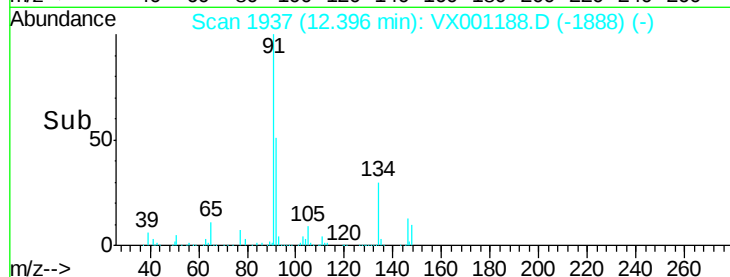
134 28.2 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VX001188.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX001188.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX001188.D (-1930) (-)



#90

Hexachloroethane

Concen: 19.035 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001188.D

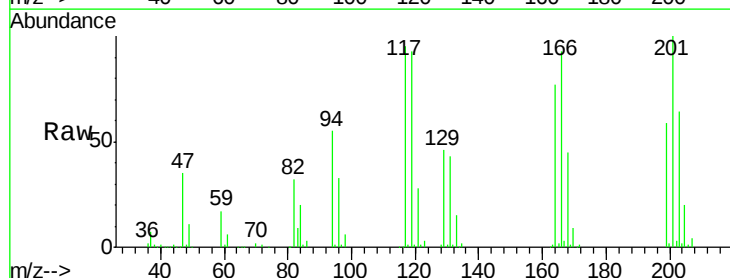
Acq: 27 Apr 2018 23:43

Tgt Ion: 117 Resp: 29181

Ion Ratio Lower Upper

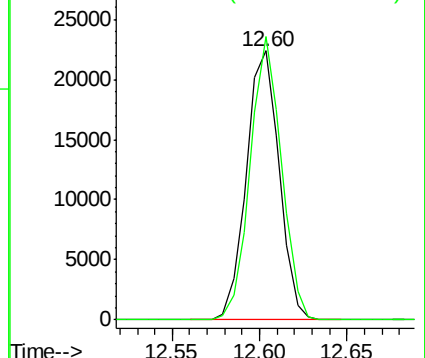
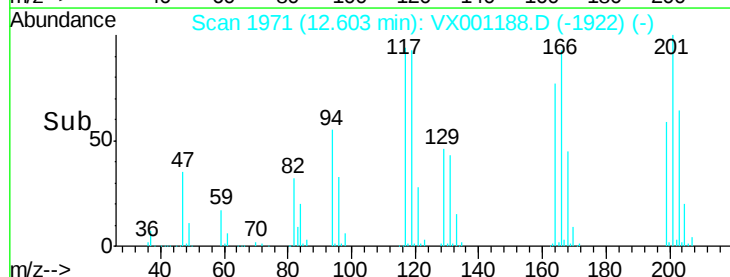
117 100

201 99.7 51.8 155.4



Abundance Ion 116.80 (116.50 to 117.50): VX001188.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX001188.D (-1964) (-)





#91

1,2-Dichlorobenzene

Concen: 19.728 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampled :

VX0427WBS02

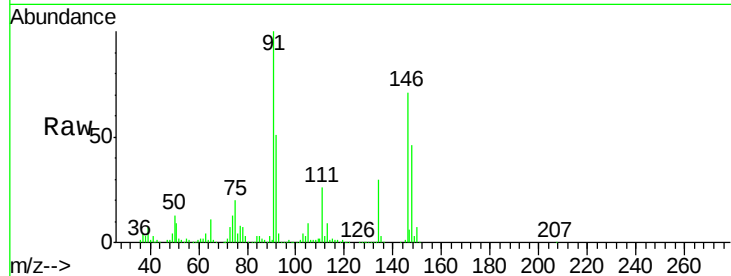
Tgt Ion:146 Resp: 124504

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.3

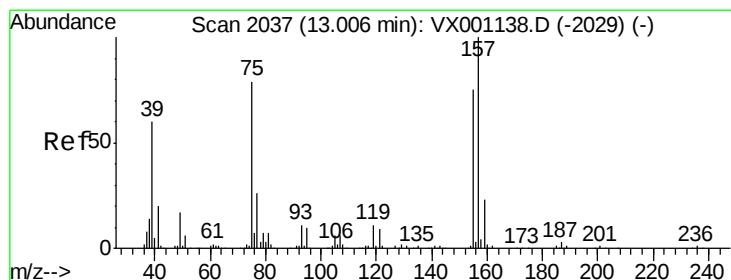
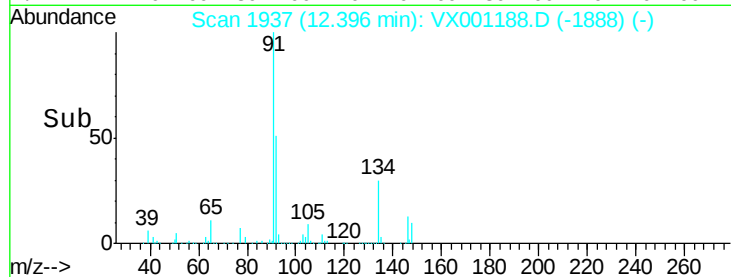
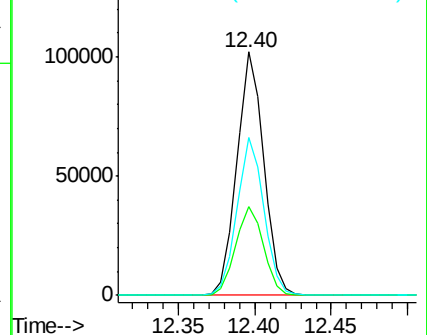
148 64.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.069 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

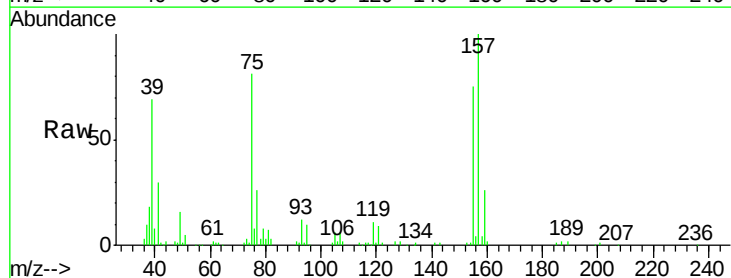
Tgt Ion: 75 Resp: 14659

Ion Ratio Lower Upper

75 100

155 97.0 48.4 145.3

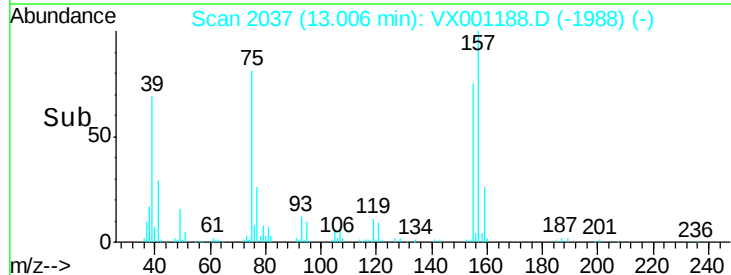
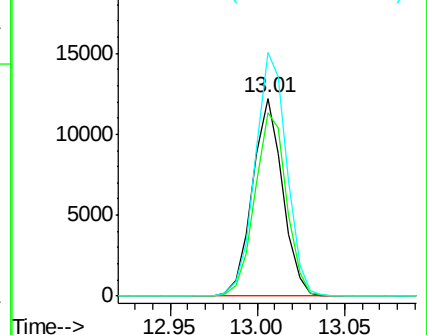
157 128.5 62.7 188.1

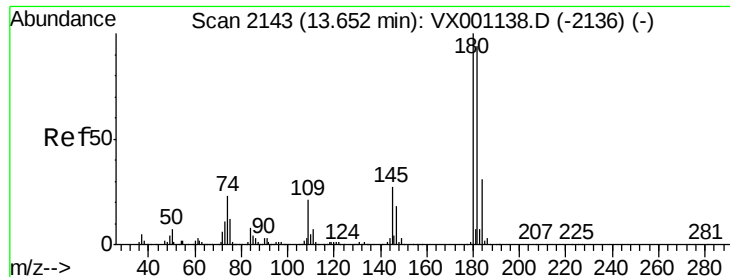


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.868 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

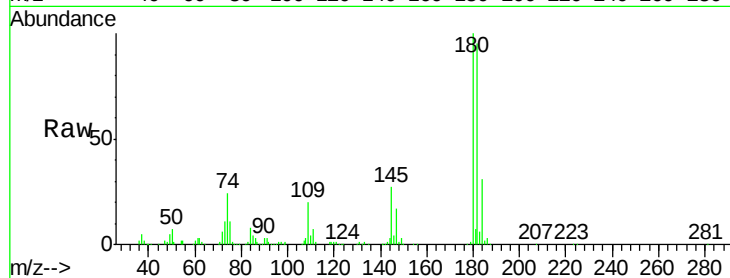
Tgt Ion:180 Resp: 93346

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

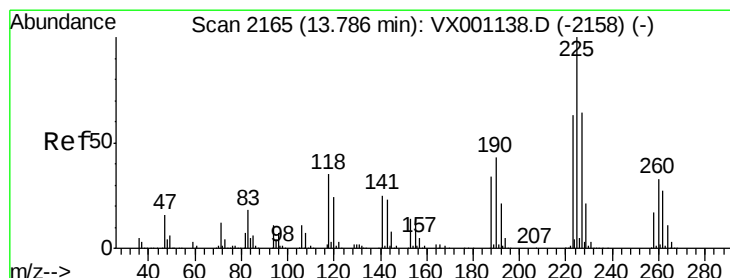
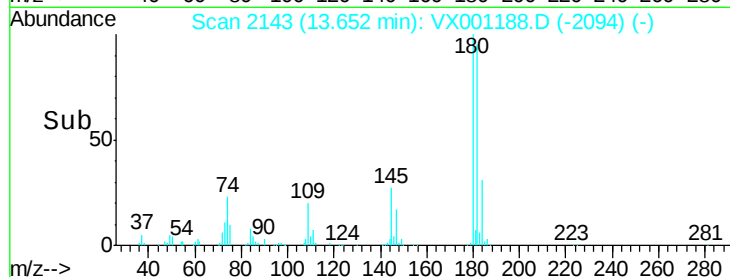
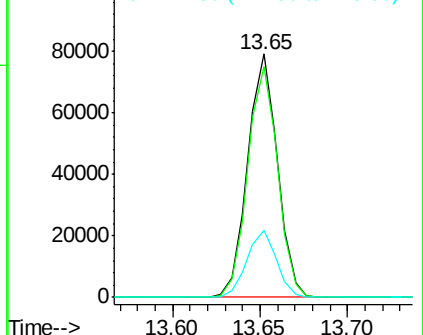
145 27.4 13.8 41.4



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: 18.815 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

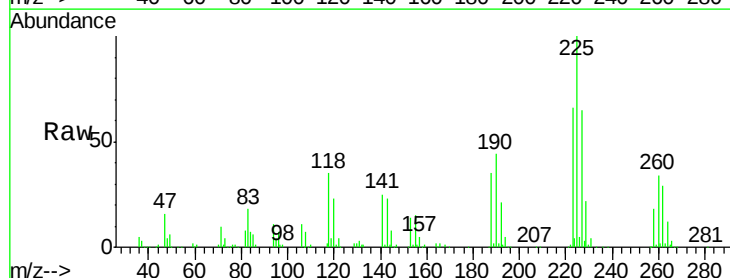
Tgt Ion:225 Resp: 43756

Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.9

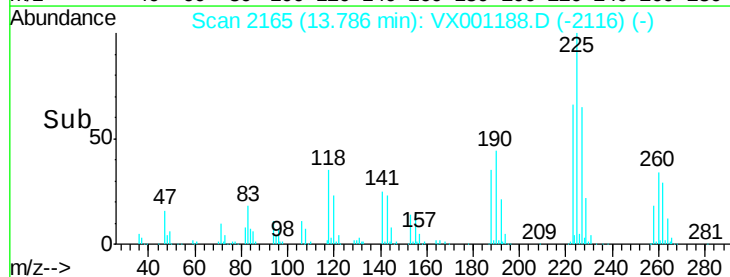
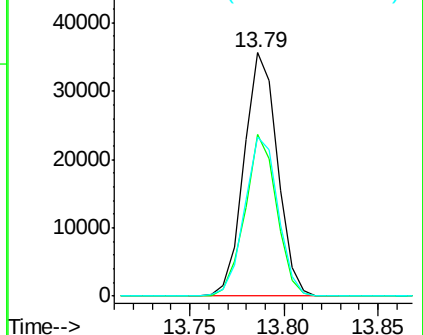
227 65.5 32.2 96.6

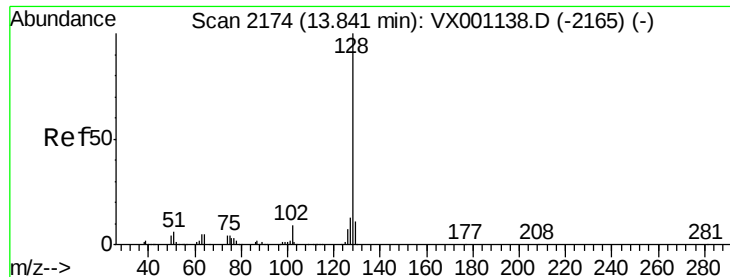


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.606 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBS02

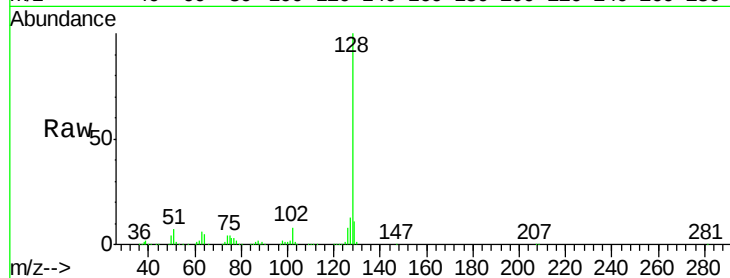
Tgt Ion:128 Resp: 256470

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

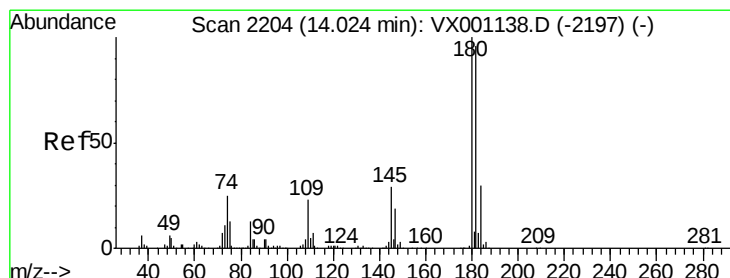
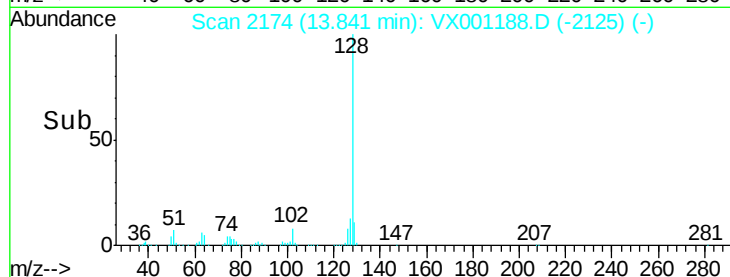
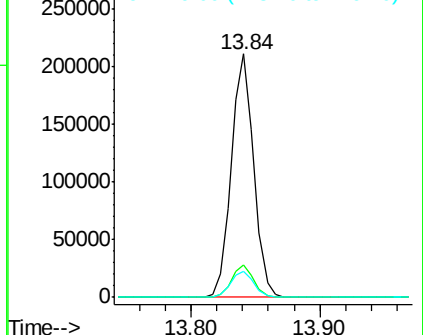
129 10.8 8.8 13.2



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: 19.216 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001188.D

Acq: 27 Apr 2018 23:43

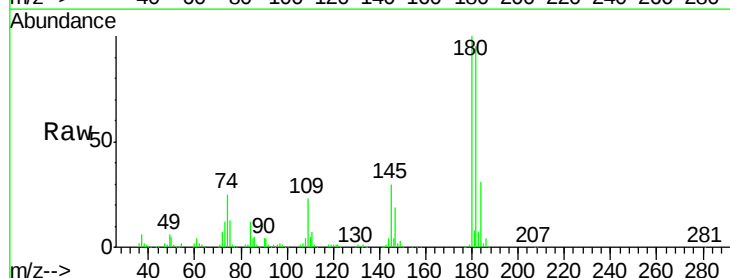
Tgt Ion:180 Resp: 94606

Ion Ratio Lower Upper

180 100

182 94.9 48.2 144.6

145 28.4 14.5 43.5



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

