

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022018\
 Data File : VX000117.D
 Acq On : 20 Feb 2018 19:37
 Operator : JC/MD
 Sample : VX0220WBSD01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Quant Time: Feb 21 06:20:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.04	128	16094	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	96798	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	93459	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	38812	31.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.87%
60) 4-Bromofluorobenzene	11.15	95	46622	30.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.63%
63) Toluene-d8	8.73	98	121240	30.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.97%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20878	20.90	ug/l	94
3) Chloromethane	1.32	50	21222	21.20	ug/l	100
4) Vinyl Chloride	1.40	62	25587	21.48	ug/l	100
5) Bromomethane	1.64	94	21048	19.18	ug/l	99
6) Chloroethane	1.73	64	16105	21.12	ug/l	99
7) Trichlorofluoromethane	1.93	101	44098	21.37	ug/l	99
8) Diethyl Ether	2.20	74	14985	20.80	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	24078	21.39	ug/l	98
10) 1,1-Dichloroethene	2.38	96	23081	21.46	ug/l	94
11) Methyl Iodide	2.51	142	22142	21.18	ug/l	97
12) Methyl Acetate	2.79	43	39238	20.42	ug/l	95
13) Acrolein	2.30	56	20707	89.54	ug/l	100
14) Acrylonitrile	3.16	53	83716	100.54	ug/l	99
15) Acetone	2.45	58	25084	92.40	ug/l	97
16) Carbon Disulfide	2.57	76	63480	20.64	ug/l	97
17) Allyl chloride	2.73	41	37852	20.65	ug/l	96
18) Methylene Chloride	2.86	84	24932	21.28	ug/l	94
19) trans-1,2-Dichloroethene	3.17	96	24581	21.01	ug/l	95
20) Diisopropyl ether	3.89	45	60127	20.77	ug/l	97
21) 1,1-Dichloroethane	3.70	63	33455	17.53	ug/l	98
22) cis-1,2-Dichloroethene	4.61	96	22572	20.76	ug/l	99
23) tert-Butyl Alcohol	3.09	59	43276	90.92	ug/l #	100
24) Methyl tert-Butyl Ether	3.22	73	80405	21.70	ug/l	97
25) Chloroform	5.23	83	39222	20.73	ug/l	98
26) Cyclohexane	5.58	56	30495	20.38	ug/l #	97
29) 1,1-Dichloropropene	5.81	75	29400	20.86	ug/l	99
30) 2-Butanone	4.73	43	104709	96.50	ug/l	99
31) 2,2-Dichloropropane	4.60	77	30822	20.33	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	36414	21.35	ug/l	99
33) Carbon Tetrachloride	5.79	117	31534	20.82	ug/l	92
34) Benzene	6.15	78	84211	20.76	ug/l #	93
35) Methacrylonitrile	5.08	41	19991	20.01	ug/l	89
36) 1,2-Dichloroethane	6.21	62	32976	21.44	ug/l	98
37) Trichloroethene	7.23	130	24125	20.12	ug/l	94
38) Methylcyclohexane	7.47	83	34472	20.40	ug/l	97
39) 1,2-Dichloropropane	7.53	63	21688	21.42	ug/l	98
40) Dibromomethane	7.67	93	16758	21.48	ug/l	95

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	30838	20.79	ug/l	95
42) Vinyl Acetate	3.84	43	278496	100.70	ug/l	100
43) Ethyl Acetate	4.88	43	37979	19.93	ug/l	100
44) Isopropyl Acetate	6.49	43	57963	20.73	ug/l	99
45) 1,4-Dioxane	7.77	88	13030	370.49	ug/l	100
46) Methyl methacrylate	7.79	41	27847	20.47	ug/l	98
47) n-amyl Acetate	10.91	43	50606	20.73	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	35721	20.69	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	35388	21.06	ug/l	98
50) 1,1,2-Trichloroethane	9.23	97	23966	20.92	ug/l	98
51) Ethyl methacrylate	9.20	69	35858	20.43	ug/l	98
52) 1,3-Dichloropropane	9.38	76	38718	21.07	ug/l	98
53) Dibromochloromethane	9.59	129	26134	20.50	ug/l	97
54) 1,2-Dibromoethane	9.68	107	26213	20.53	ug/l	97
55) 2-Chloroethyl vinyl ether	8.32	63	84526	110.29	ug/l	99
56) Bromoform	10.87	173	20134	19.50	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	206554	100.90	ug/l	99
59) 2-Hexanone	9.51	43	168515	97.22	ug/l	99
61) Tetrachloroethene	9.34	164	22279	19.63	ug/l	96
62) Toluene	8.79	91	100040	20.57	ug/l	100
64) Chlorobenzene	10.15	112	67676	20.60	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.23	131	24098	20.70	ug/l	98
66) Ethyl Benzene	10.26	91	114885	20.70	ug/l	98
67) m/p-Xylenes	10.37	106	89939	41.33	ug/l	99
68) o-Xylene	10.71	106	43878	20.76	ug/l	100
69) Styrene	10.72	104	72925	20.83	ug/l	100
70) Isopropylbenzene	11.02	105	116453	20.38	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	41249	20.98	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	47979	27.21	ug/l	84
73) Bromobenzene	11.26	156	30101	20.10	ug/l	98
74) n-propylbenzene	11.37	91	137323	20.51	ug/l	100
75) 2-Chlorotoluene	11.43	91	79813	20.73	ug/l	99
76) 1,3,5-Trimethylbenzene	11.52	105	101609	20.99	ug/l	71
77) t-1,4-Dichloro-2-butene	11.09	75	11972	19.20	ug/l	94
78) 4-Chlorotoluene	11.52	91	94485	20.49	ug/l	99
79) tert-butylbenzene	12.07	119	109066	22.63	ug/l	95
80) 1,2,4-Trimethylbenzene	11.82	105	104413	21.14	ug/l	98
81) sec-Butylbenzene	11.96	105	123984	20.81	ug/l	98
82) p-Isopropyltoluene	12.07	119	109066	20.52	ug/l	99
83) 1,3-Dichlorobenzene	12.04	146	58138	20.39	ug/l	99
84) 1,4-Dichlorobenzene	12.11	146	59938	20.17	ug/l	100
85) n-Butylbenzene	12.40	91	102826	20.63	ug/l	100
86) Hexachloroethane	12.60	117	17919	20.19	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	58991	20.88	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	10594	19.27	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	40899	19.71	ug/l	99
90) Hexachlorobutadiene	13.79	225	16960	18.97	ug/l	98
91) Naphthalene	13.84	128	147911	20.39	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	41737	20.00	ug/l	99

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ClientSampleId :
VX0220WBSD01

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
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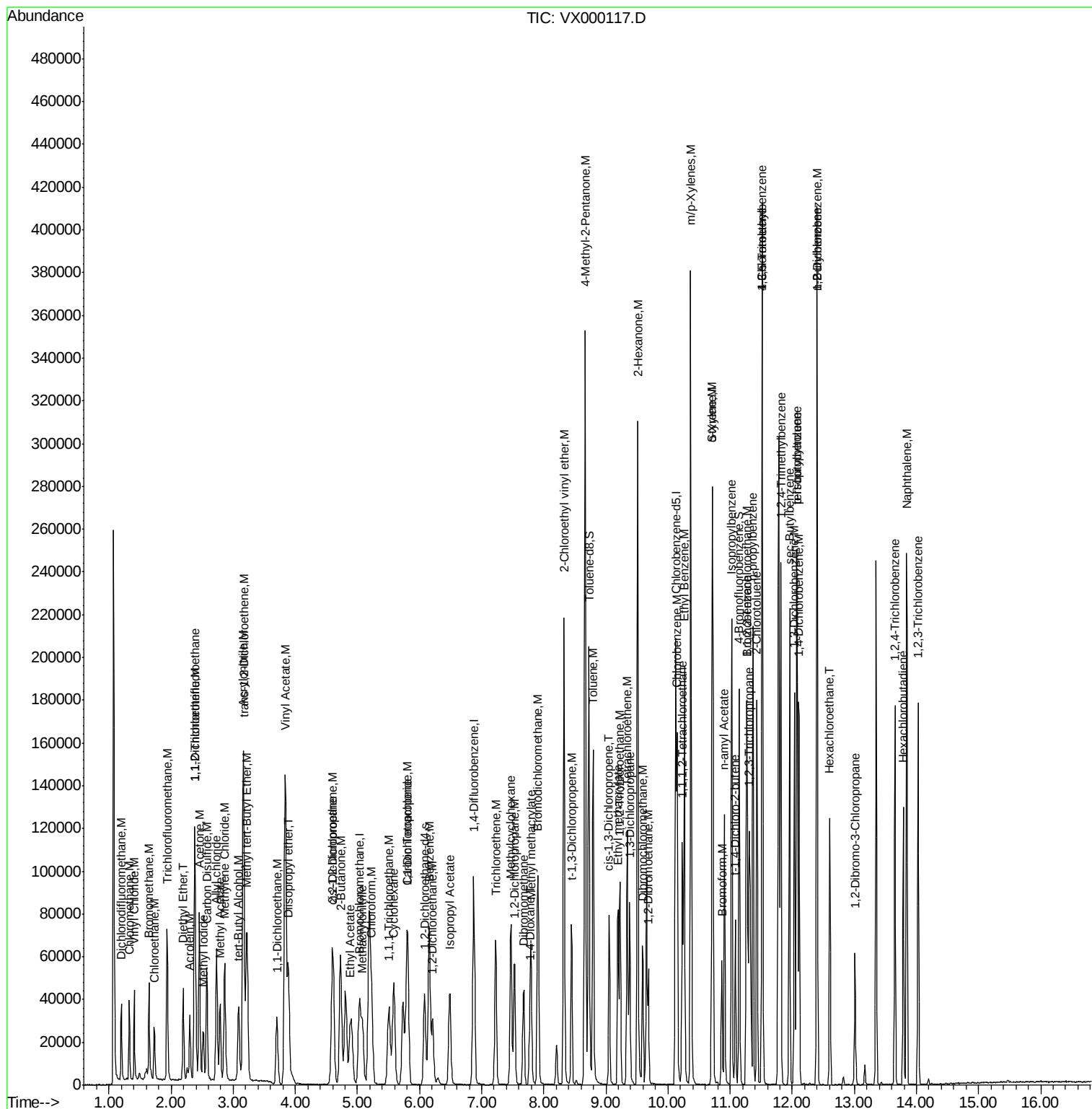
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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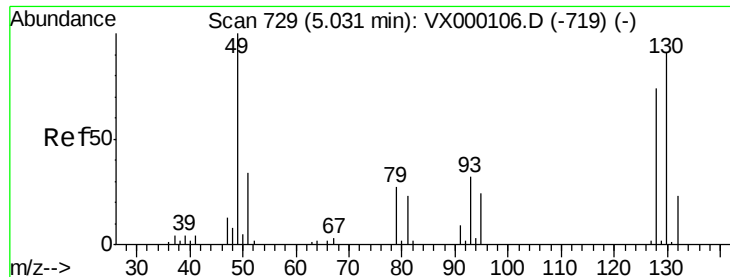
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File  : VX000117.D  
Acq On     : 20 Feb 2018   19:37  
Operator   : JC/MD  
Sample     : VX0220WBSD01  
Misc       :  
ALS Vial   : 16      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Quant Time: Feb 21 06:20:42 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
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QLast Update : Wed Feb 21 06:17:26 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.04 min Scan# 730

Delta R.T. 0.01 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

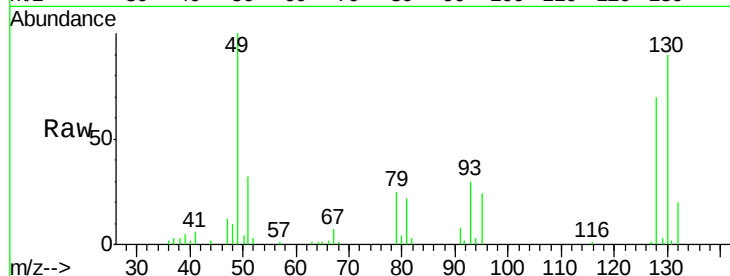
Tgt Ion:128 Resp: 16094

Ion Ratio Lower Upper

128 100

49 154.9 0.0 378.3

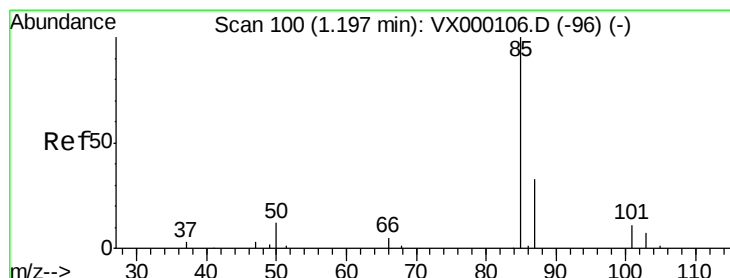
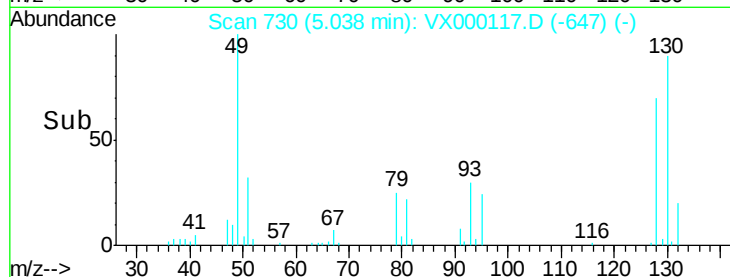
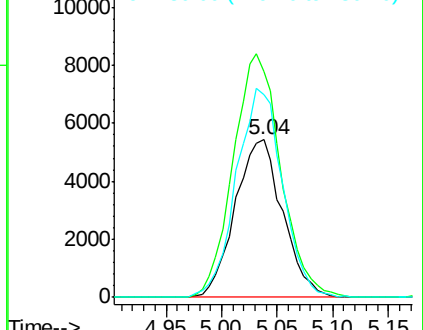
130 128.8 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.90 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000117.D

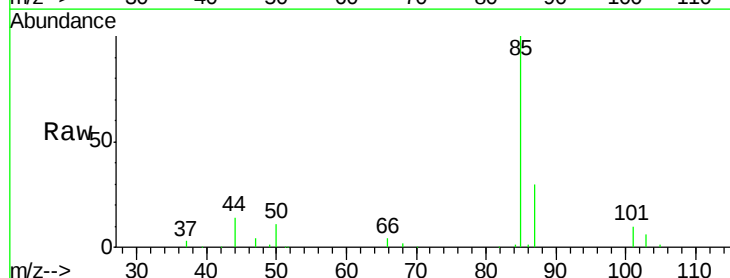
Acq: 20 Feb 2018 19:37

Tgt Ion: 85 Resp: 20878

Ion Ratio Lower Upper

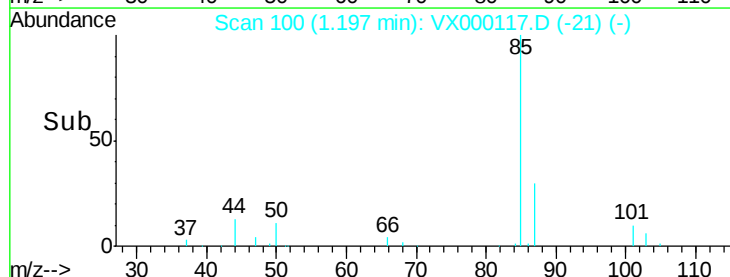
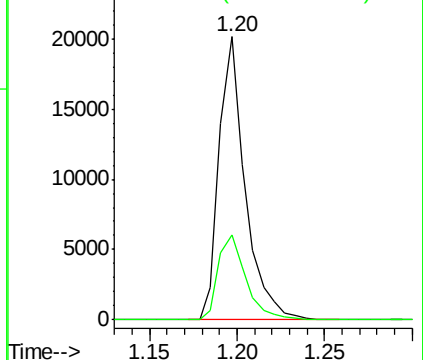
85 100

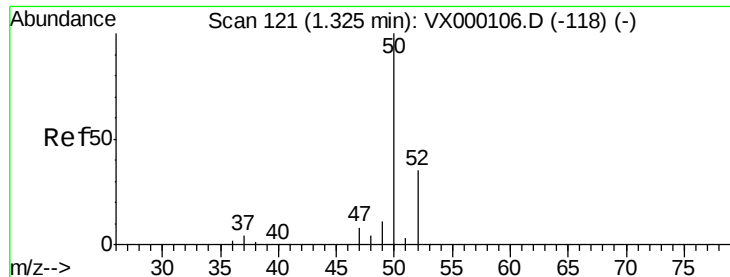
87 30.0 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 21.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

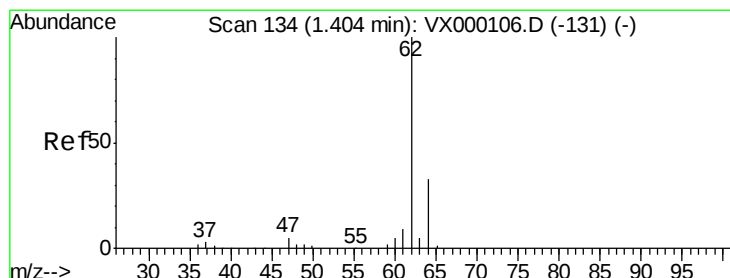
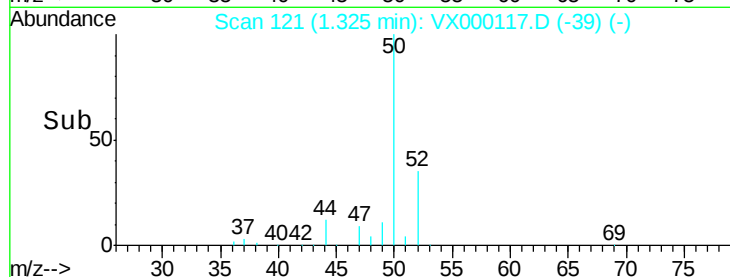
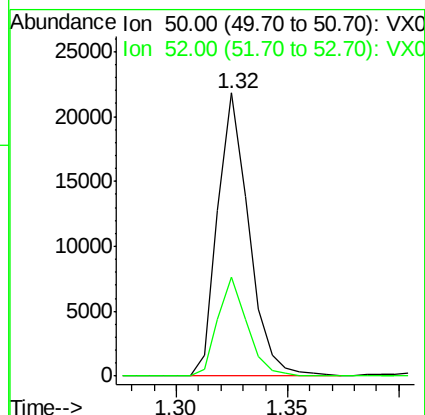
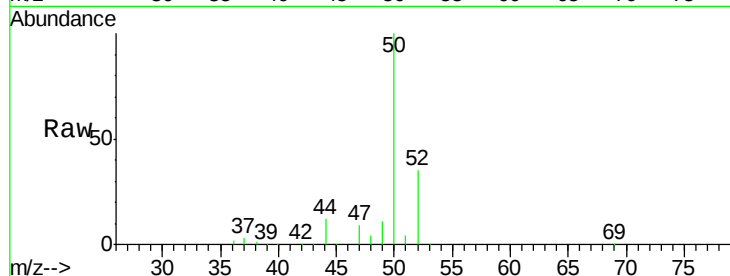
VX0220WBSD01

Tgt Ion: 50 Resp: 21222

Ion Ratio Lower Upper

50 100

52 34.9 27.8 41.6



#4

Vinyl Chloride

Concen: 21.48 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000117.D

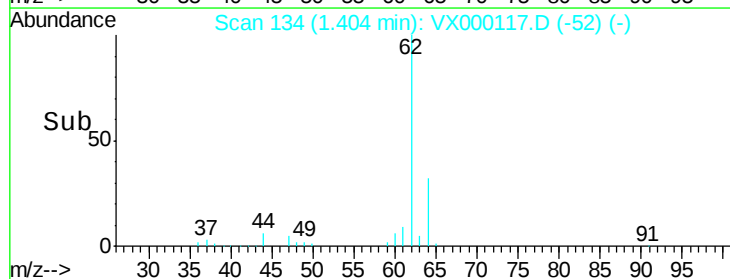
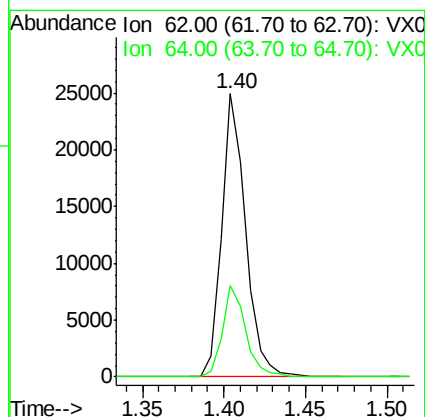
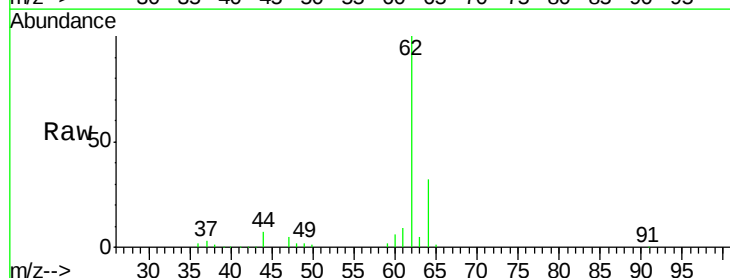
Acq: 20 Feb 2018 19:37

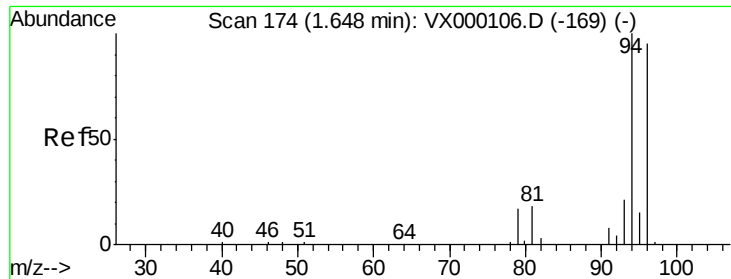
Tgt Ion: 62 Resp: 25587

Ion Ratio Lower Upper

62 100

64 32.3 26.0 39.0

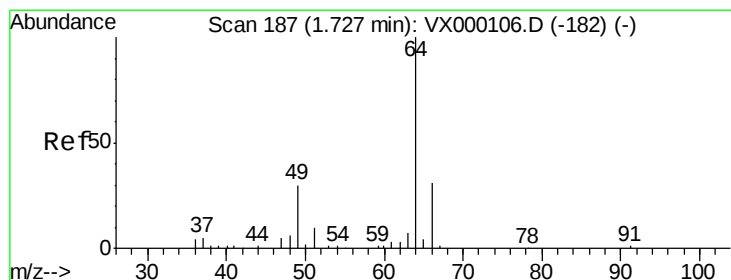
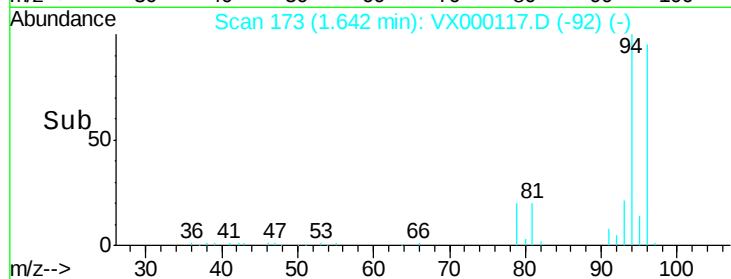
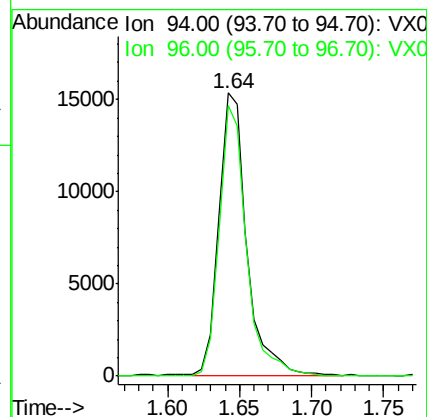
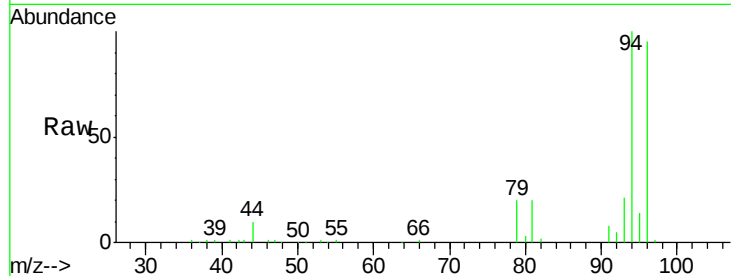




#5
Bromomethane
Concen: 19.18 ug/l
RT: 1.64 min Scan# 173
Delta R.T. -0.01 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

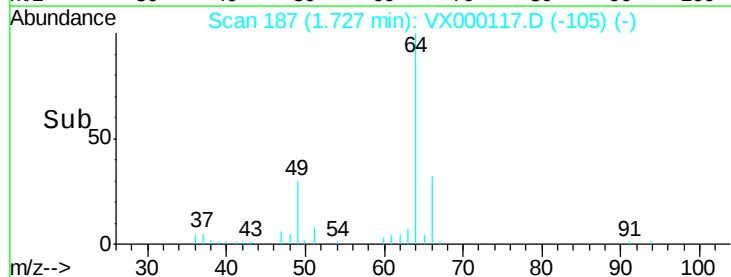
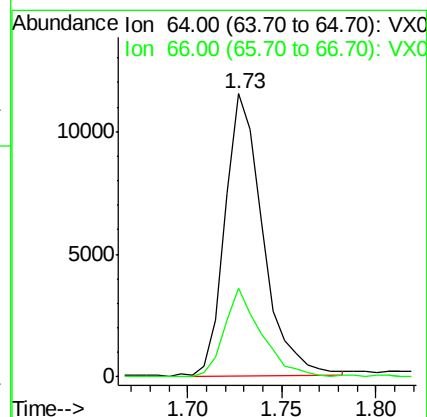
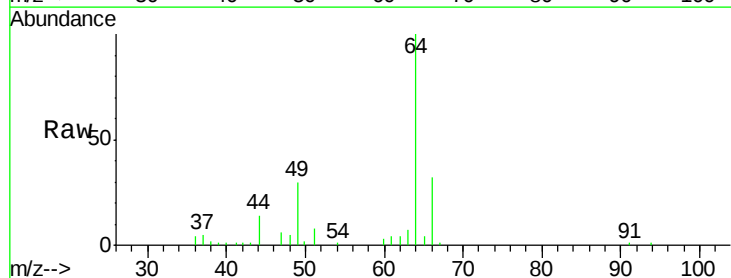
Instrument :
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ClientSampleId :
VX0220WBSD01

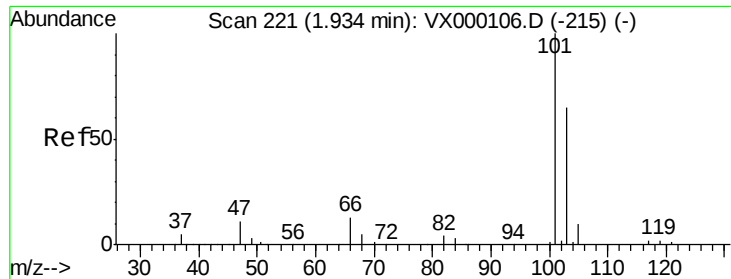
Tgt Ion: 94 Resp: 21048
Ion Ratio Lower Upper
94 100
96 95.7 76.2 114.2



#6
Chloroethane
Concen: 21.12 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 64 Resp: 16105
Ion Ratio Lower Upper
64 100
66 31.8 25.2 37.8



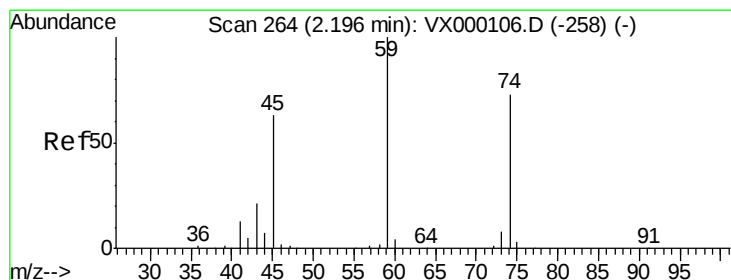
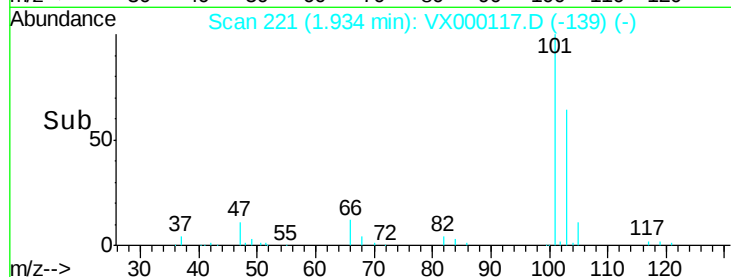
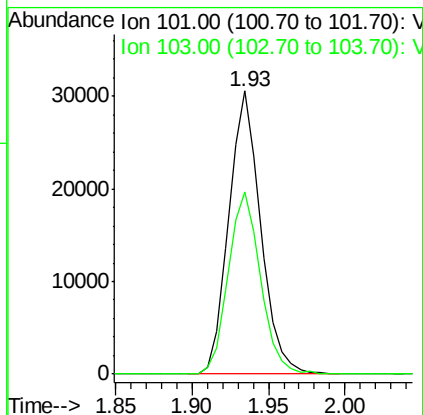
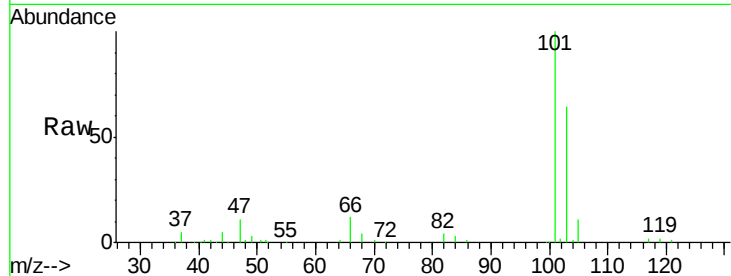


#7

Trichlorofluoromethane
 Concen: 21.37 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
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 ClientSampleId :
 VX0220WBSD01

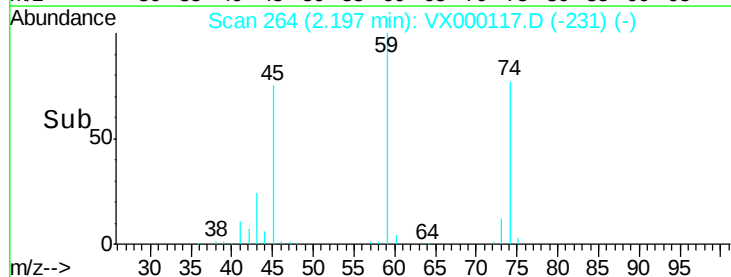
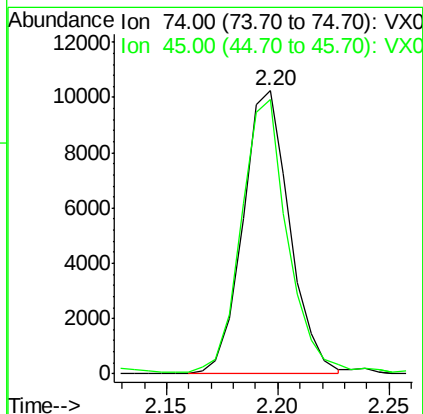
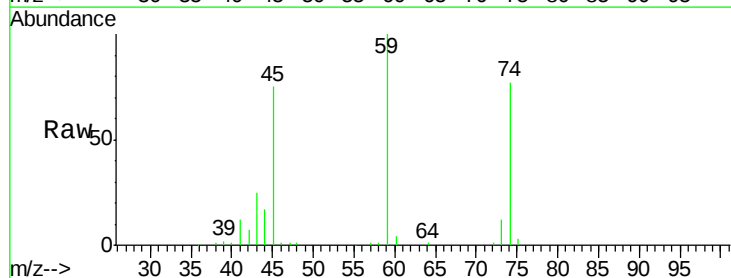
Tgt Ion: 101 Resp: 44098
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.4

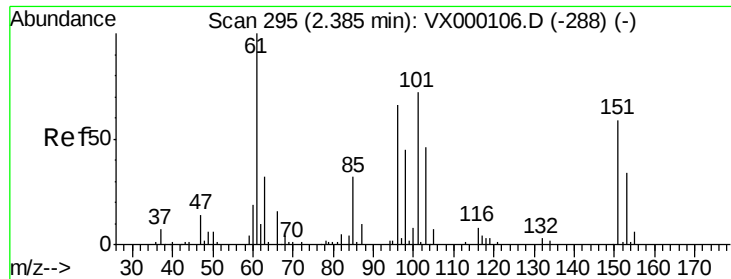


#8

Diethyl Ether
 Concen: 20.80 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 74 Resp: 14985
 Ion Ratio Lower Upper
 74 100
 45 96.4 17.8 159.8

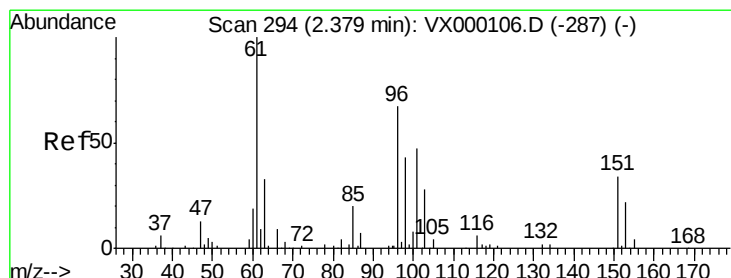
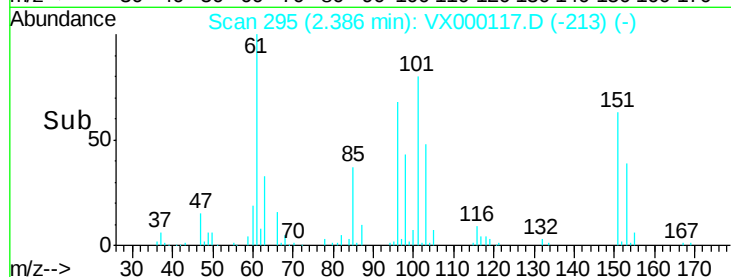
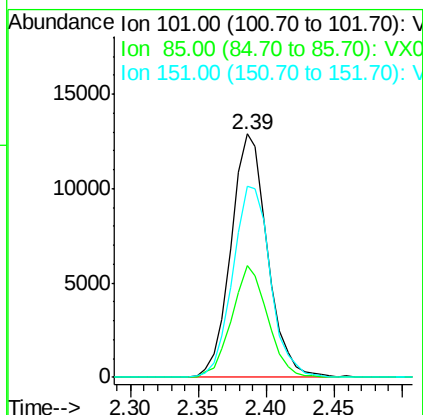
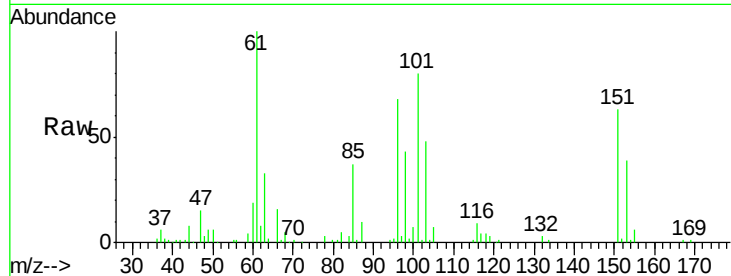




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.39 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

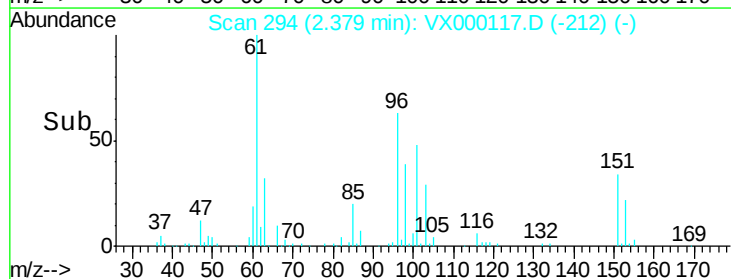
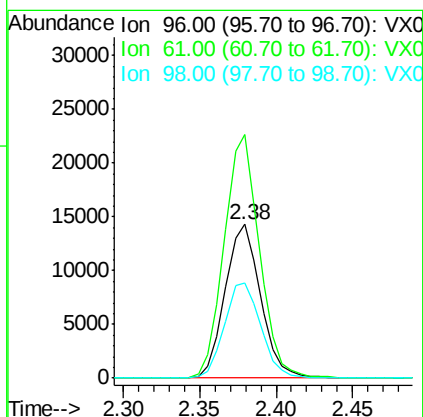
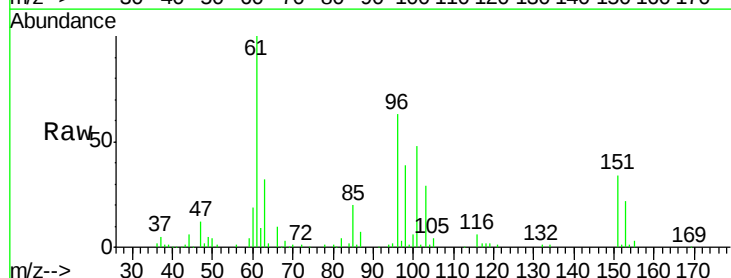
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

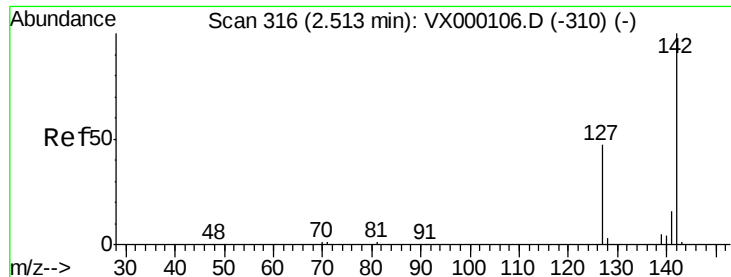
Tgt Ion:101 Resp: 24078
 Ion Ratio Lower Upper
 101 100
 85 45.1 0.0 90.4
 151 81.2 0.0 167.6



#10
 1,1-Dichloroethene
 Concen: 21.46 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 96 Resp: 23081
 Ion Ratio Lower Upper
 96 100
 61 157.8 118.6 178.0
 98 61.4 51.0 76.6

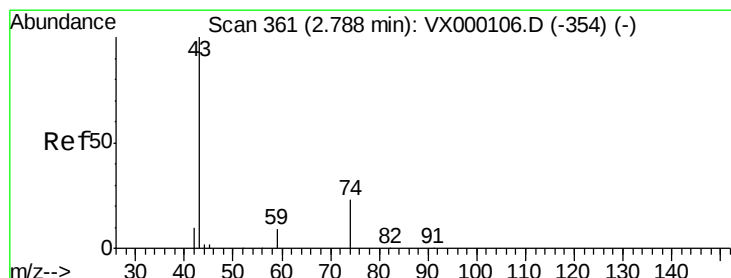
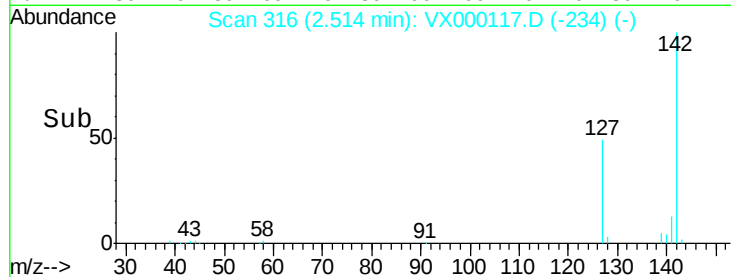
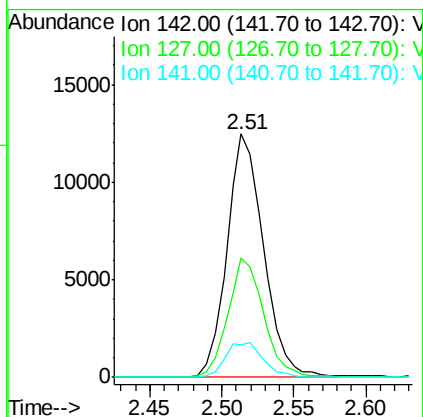
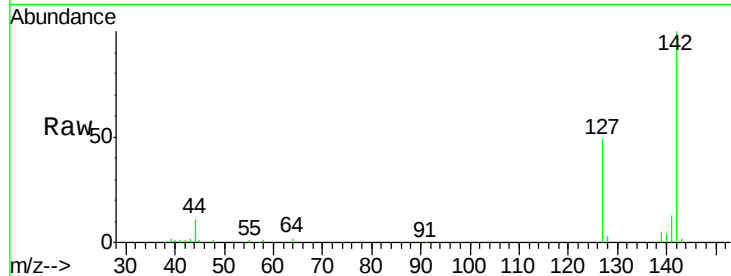




#11
Methyl Iodide
Concen: 21.18 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

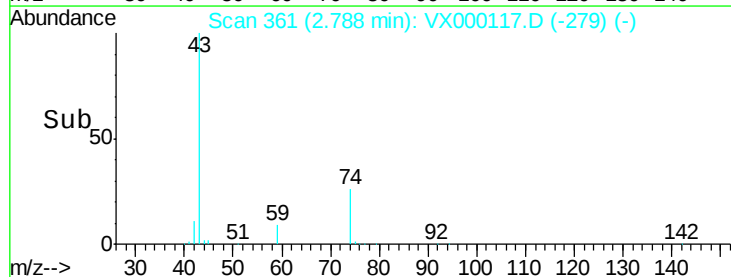
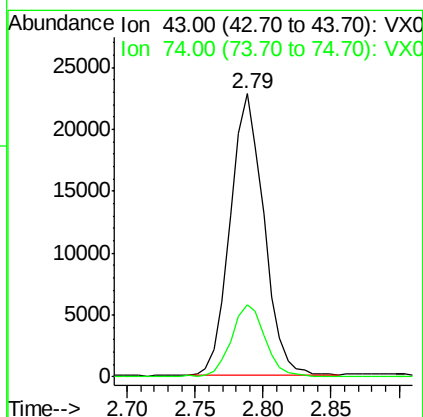
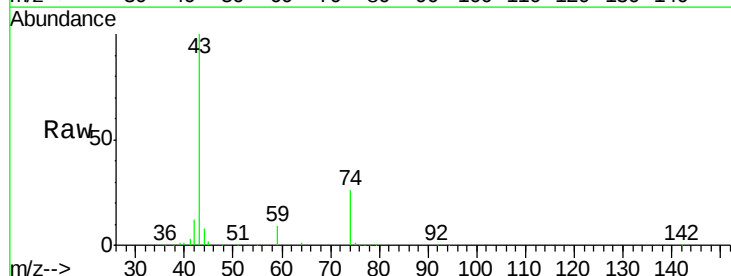
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

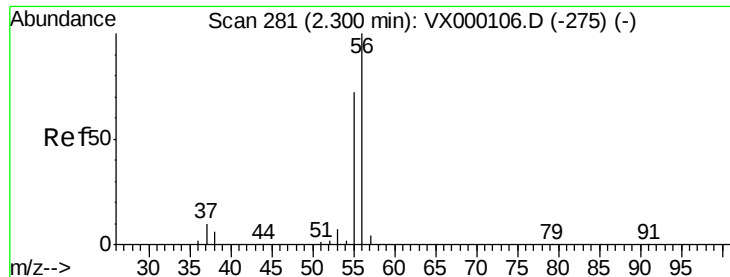
Tgt Ion: 142 Resp: 22142
Ion Ratio Lower Upper
142 100
127 49.0 23.8 71.5
141 13.4 8.2 24.4



#12
Methyl Acetate
Concen: 20.42 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 43 Resp: 39238
Ion Ratio Lower Upper
43 100
74 25.6 18.6 27.8





#13

Acrolein

Concen: 89.54 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

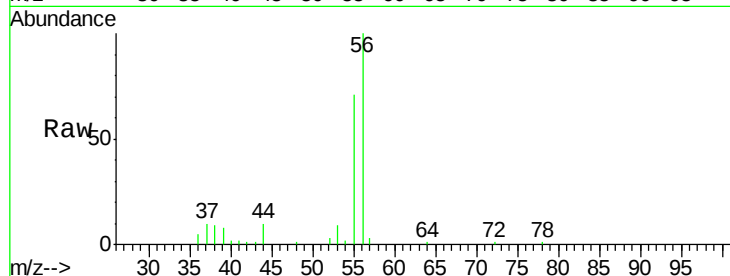
VX0220WBSD01

Tgt Ion: 56 Resp: 20707

Ion Ratio Lower Upper

56 100

55 71.7 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

15000

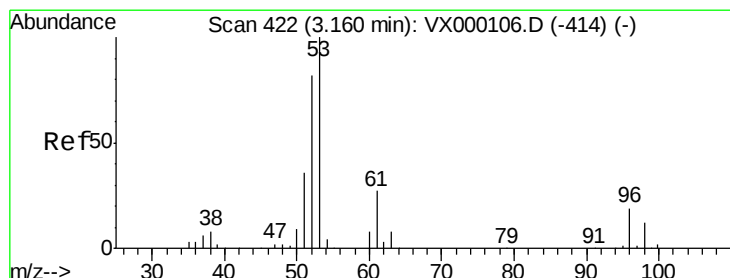
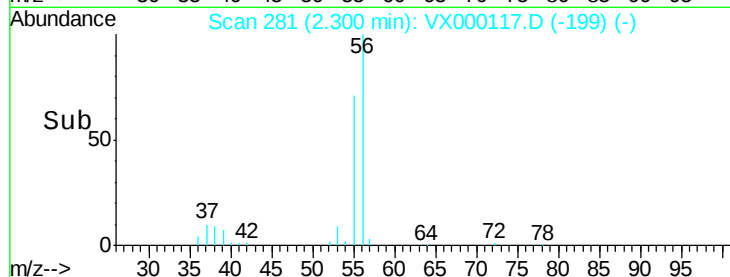
10000

5000

0

Time-->

2.25 2.30 2.35



#14

Acrylonitrile

Concen: 100.54 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

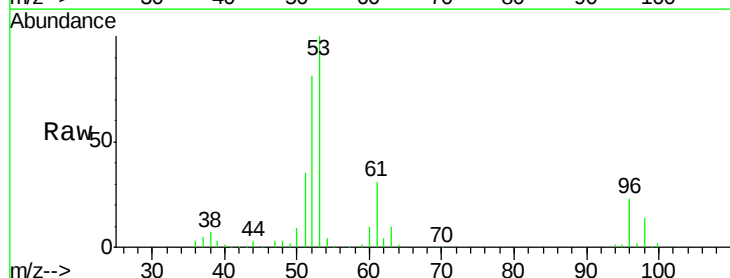
Tgt Ion: 53 Resp: 83716

Ion Ratio Lower Upper

53 100

52 83.5 41.9 125.8

51 36.1 18.8 56.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

60000

50000

40000

30000

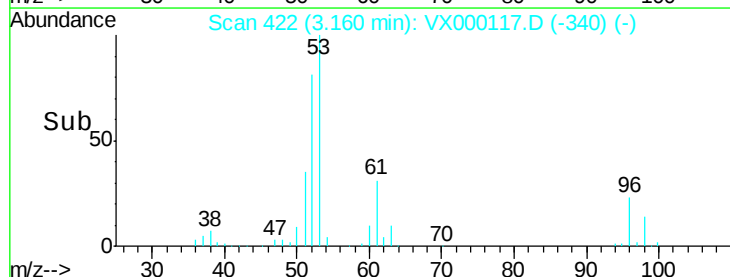
20000

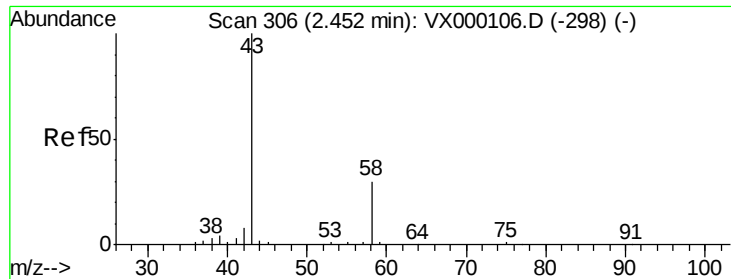
10000

0

Time-->

3.10 3.15 3.20 3.25





#15

Acetone

Concen: 92.40 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

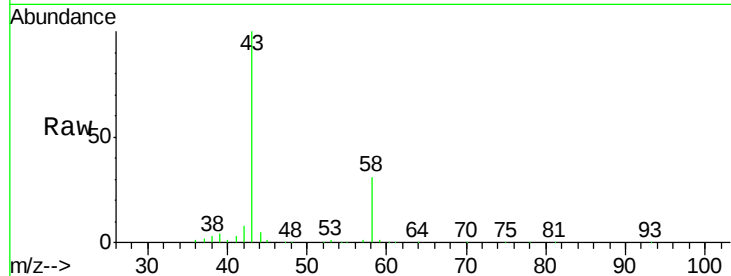
VX0220WBSD01

Tgt Ion: 58 Resp: 25084

Ion Ratio Lower Upper

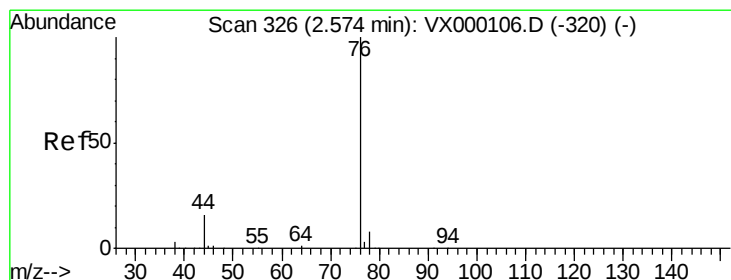
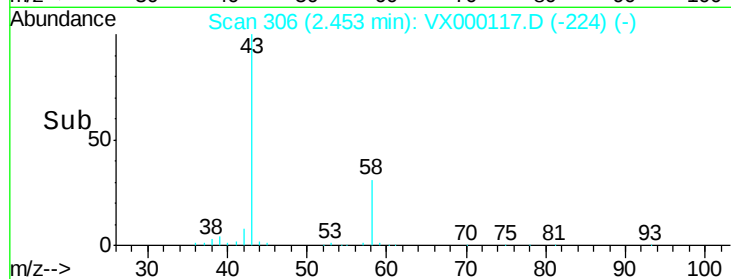
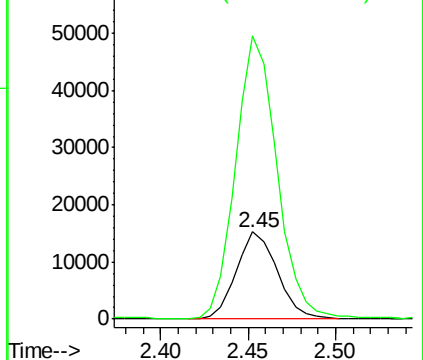
58 100

43 324.1 264.6 396.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 20.64 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000117.D

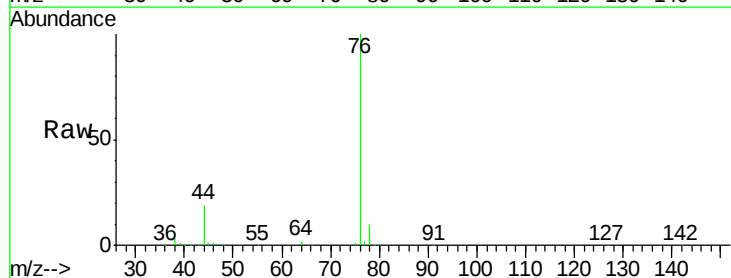
Acq: 20 Feb 2018 19:37

Tgt Ion: 76 Resp: 63480

Ion Ratio Lower Upper

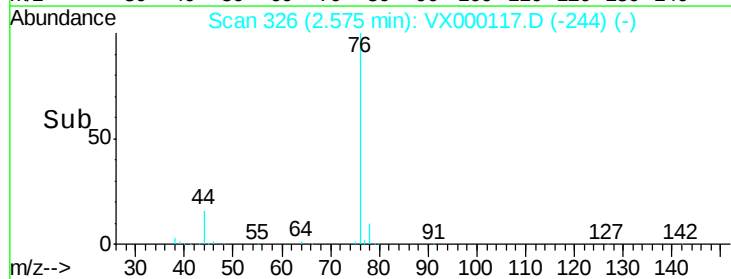
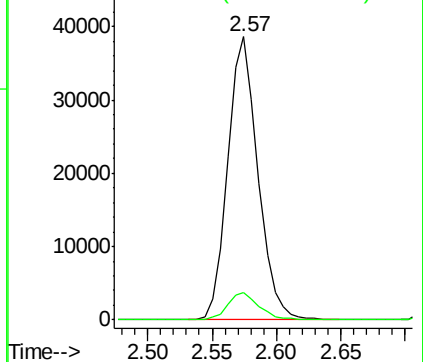
76 100

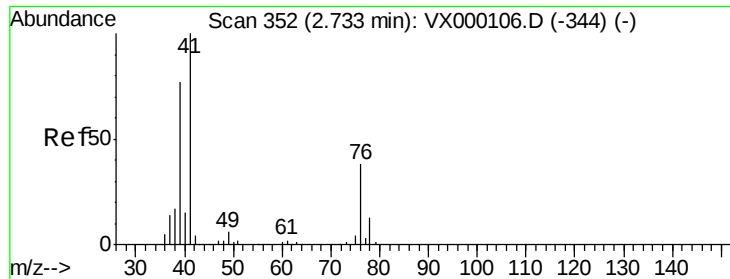
78 9.5 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

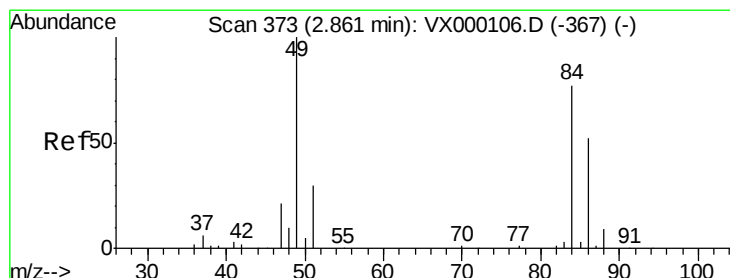
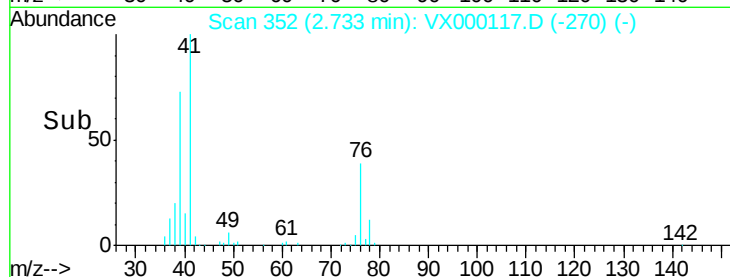
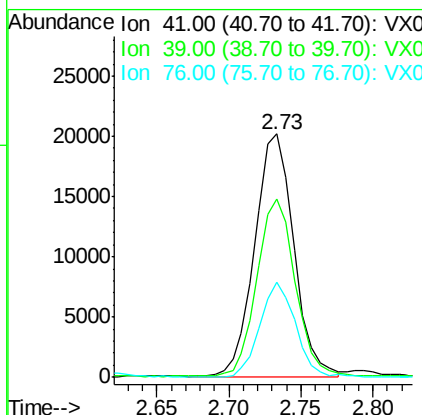
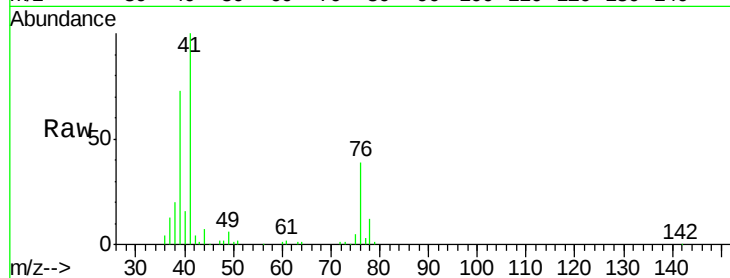




#17
 Allyl chloride
 Concen: 20.65 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

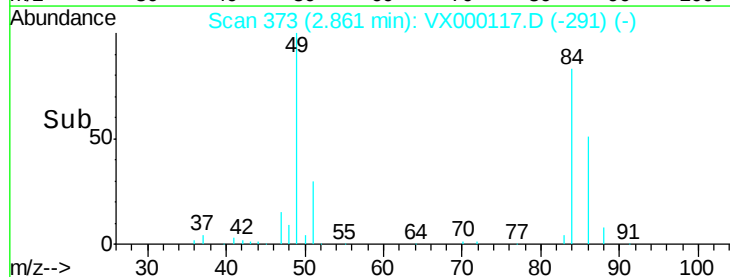
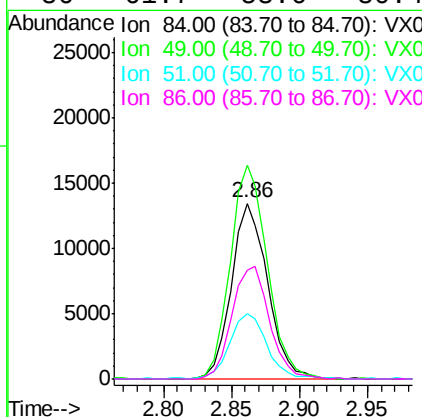
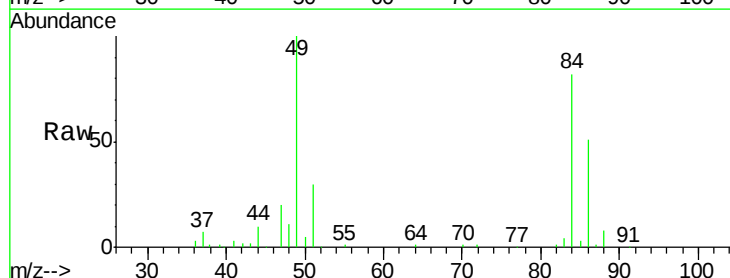
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

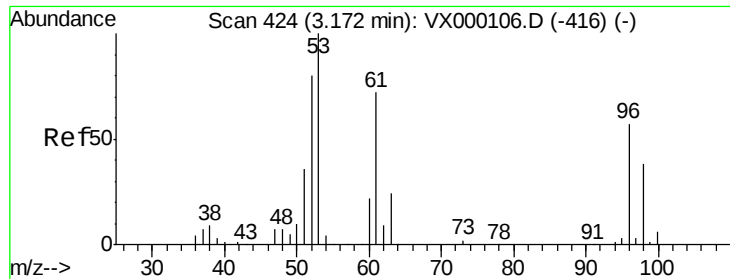
Tgt Ion: 41 Resp: 37852
 Ion Ratio Lower Upper
 41 100
 39 72.9 38.5 115.5
 76 39.0 18.7 56.1



#18
 Methylene Chloride
 Concen: 21.28 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 84 Resp: 24932
 Ion Ratio Lower Upper
 84 100
 49 121.8 103.3 154.9
 51 37.0 31.2 46.8
 86 61.7 53.6 80.4





#19

trans-1,2-Dichloroethene

Concen: 21.01 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

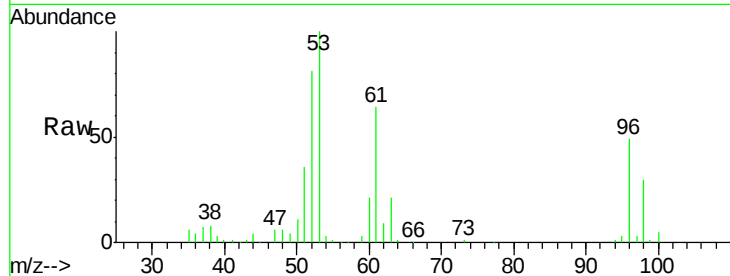
Tgt Ion: 96 Resp: 24581

Ion Ratio Lower Upper

96 100

61 130.5 101.0 151.6

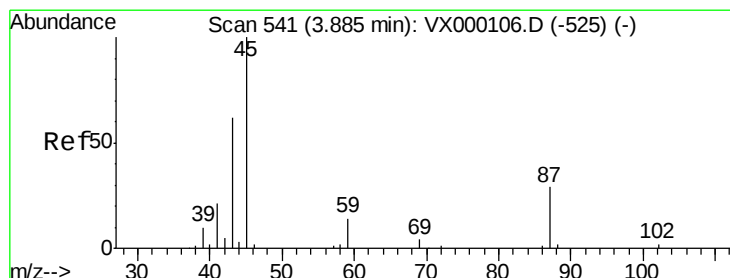
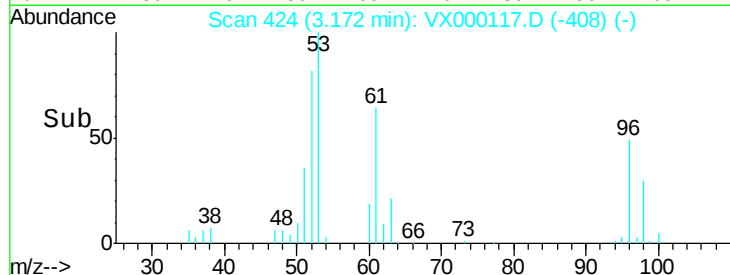
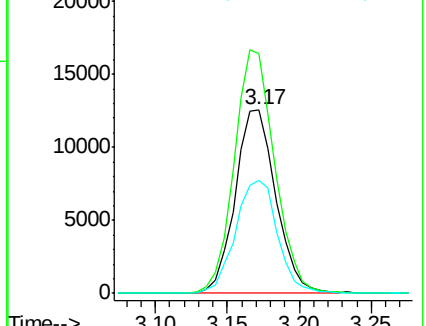
98 61.6 53.3 79.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 20.77 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Tgt Ion: 45 Resp: 60127

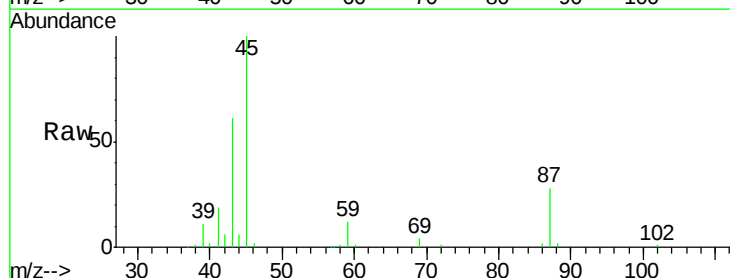
Ion Ratio Lower Upper

45 100

43 58.9 49.6 74.4

87 28.3 23.1 34.7

59 11.5 10.8 16.2

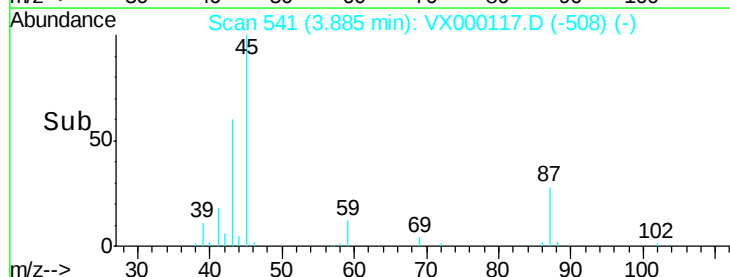
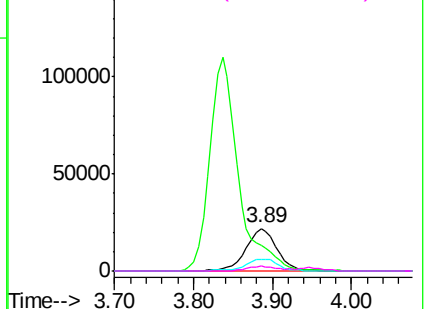


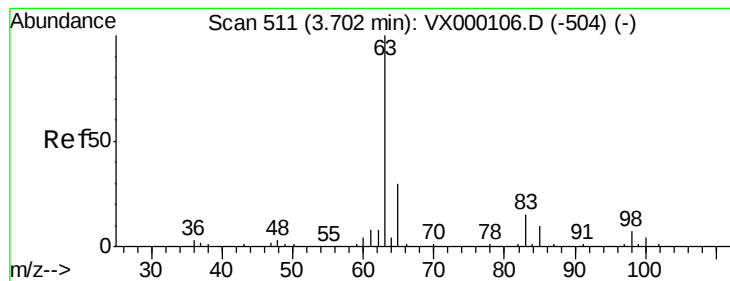
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 17.53 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

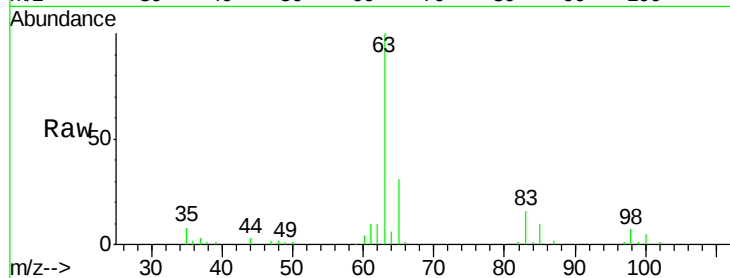
Tgt Ion: 63 Resp: 33455

Ion Ratio Lower Upper

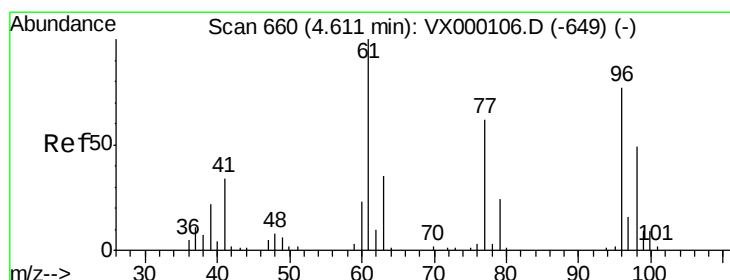
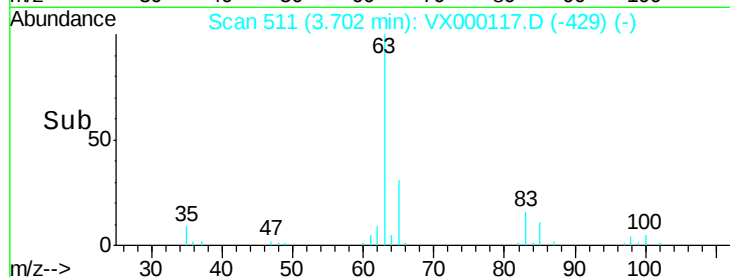
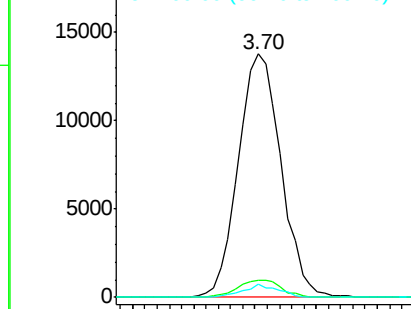
63 100

98 7.1 3.3 9.9

100 5.3 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 20.76 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

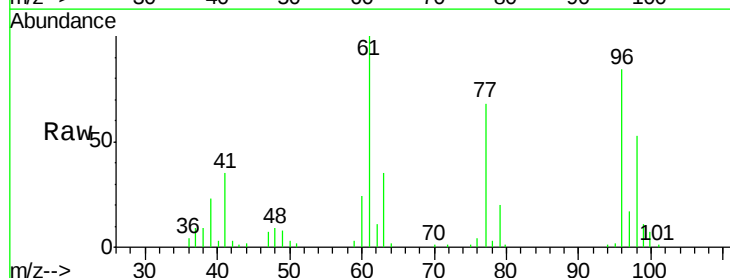
Tgt Ion: 96 Resp: 22572

Ion Ratio Lower Upper

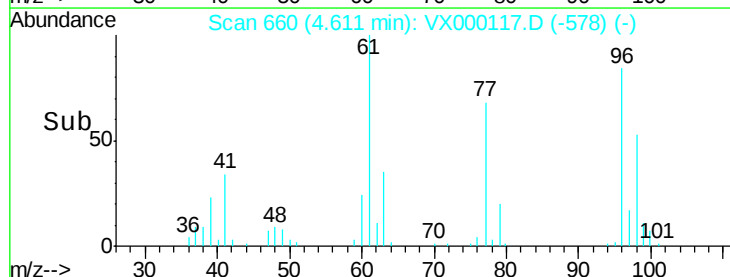
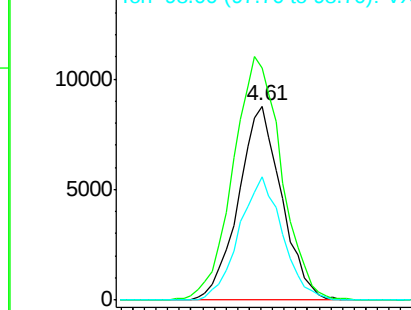
96 100

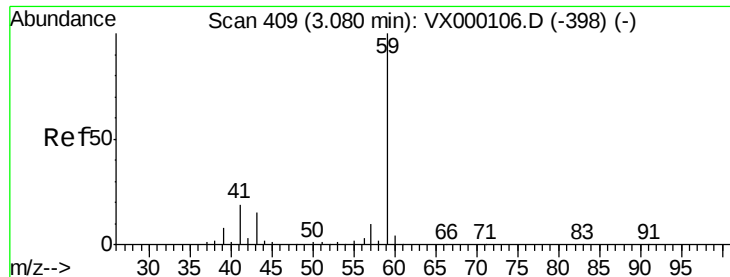
61 140.7 113.5 170.3

98 64.0 51.8 77.8



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



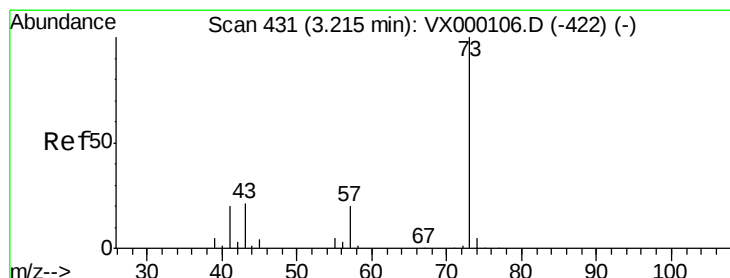
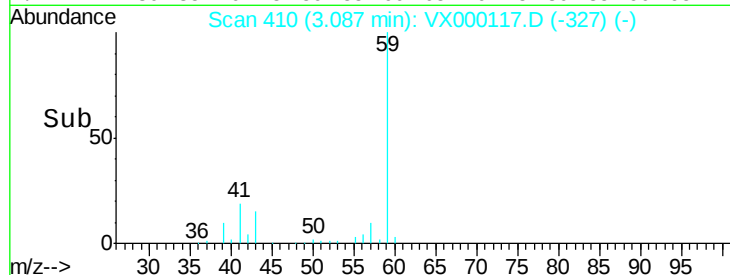
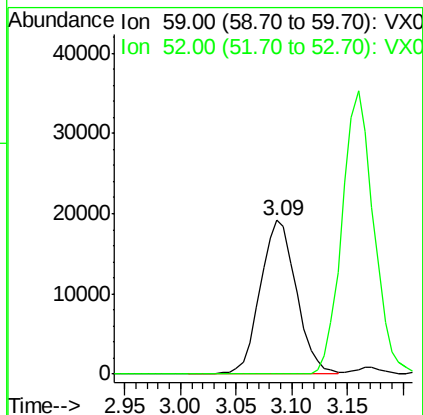
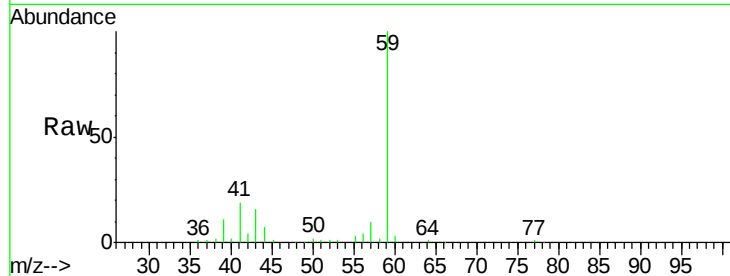


#23

tert-Butyl Alcohol
 Concen: 90.92 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

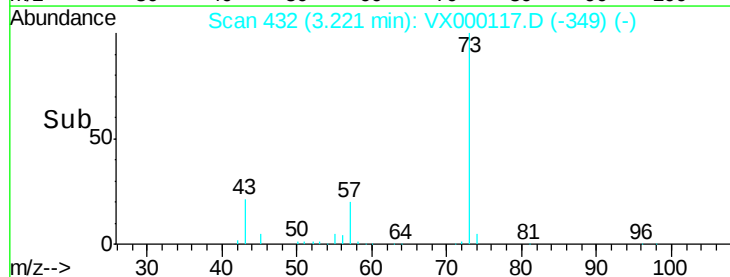
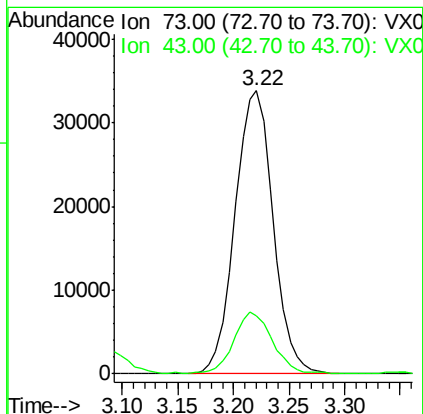
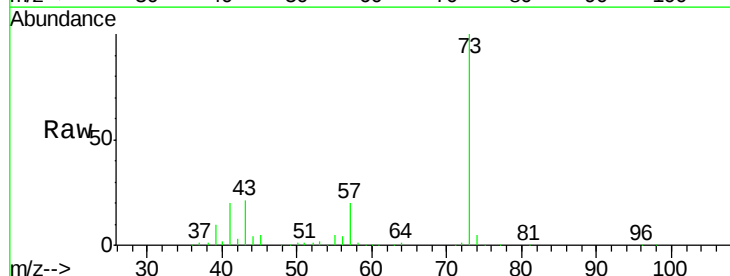
Tgt Ion: 59 Resp: 43276
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

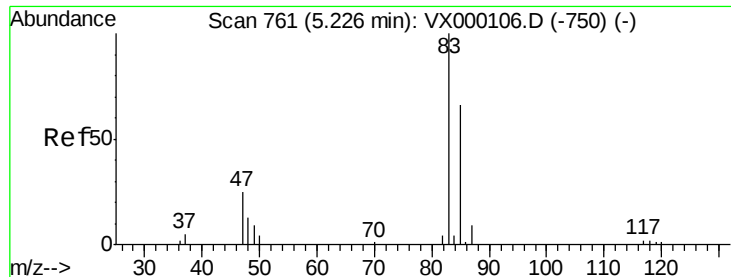


#24

Methyl tert-Butyl Ether
 Concen: 21.70 ug/l
 RT: 3.22 min Scan# 432
 Delta R.T. 0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 73 Resp: 80405
 Ion Ratio Lower Upper
 73 100
 43 21.9 16.5 24.7





#25

Chloroform

Concen: 20.73 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

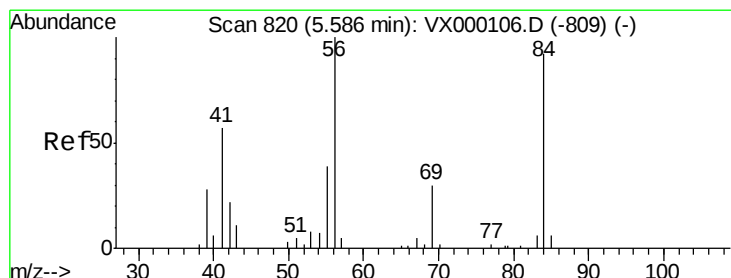
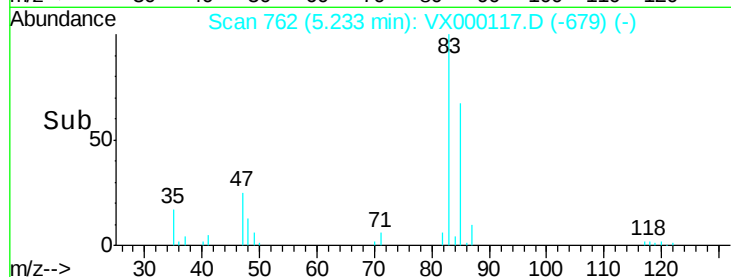
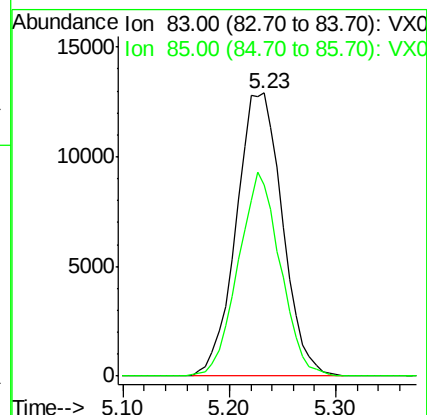
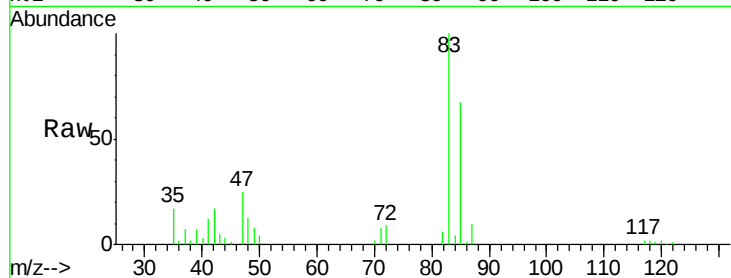
VX0220WBSD01

Tgt Ion: 83 Resp: 39222

Ion Ratio Lower Upper

83 100

85 67.4 52.5 78.7



#26

Cyclohexane

Concen: 20.38 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

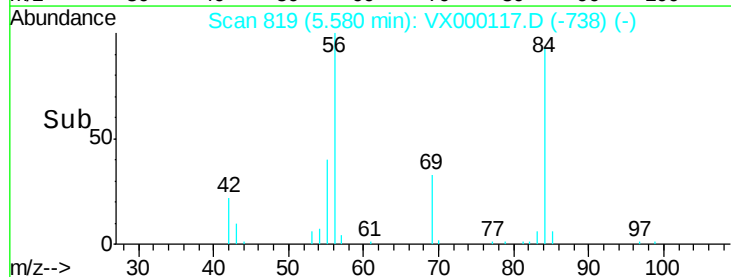
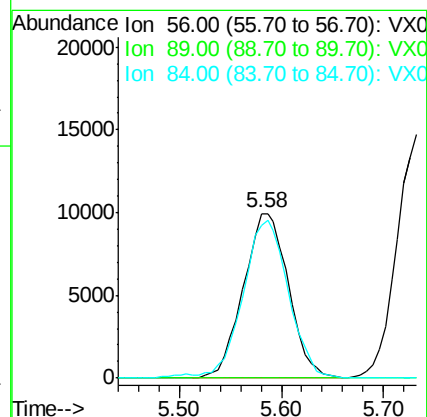
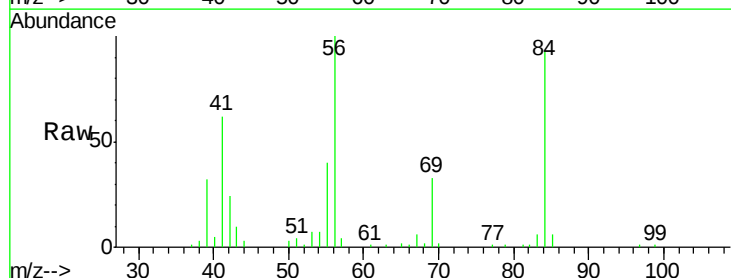
Tgt Ion: 56 Resp: 30495

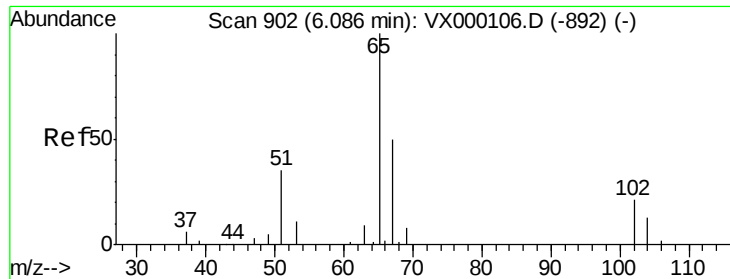
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 96.2 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 31.16 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

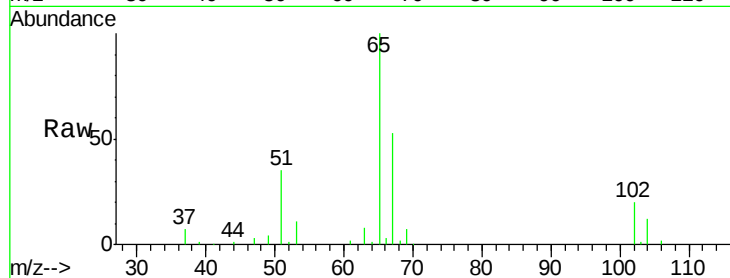
VX0220WBSD01

Tgt Ion: 65 Resp: 38812

Ion Ratio Lower Upper

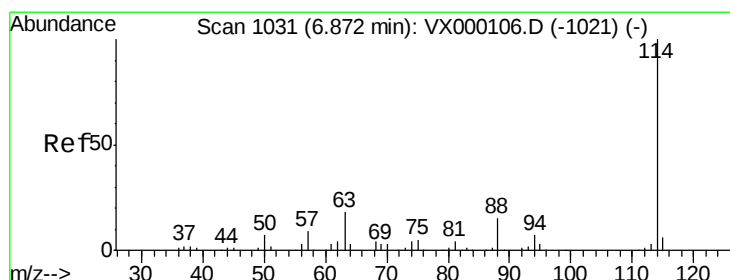
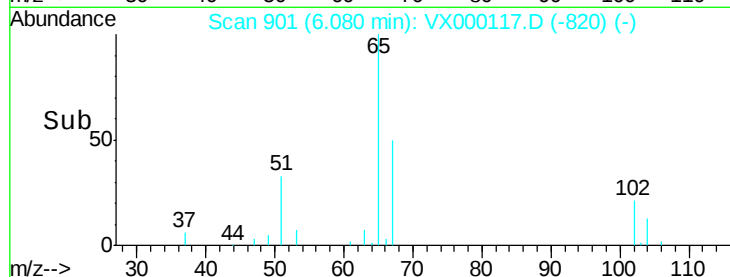
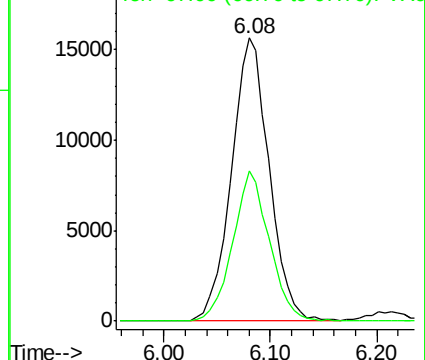
65 100

67 51.4 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

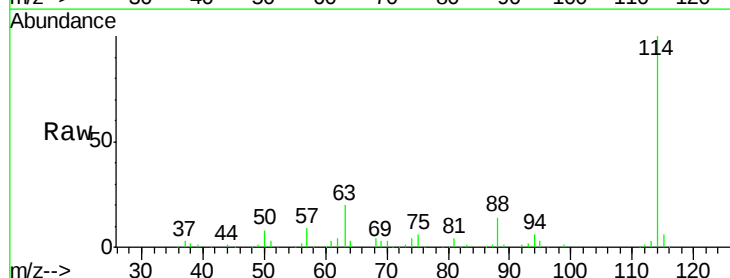
Tgt Ion: 114 Resp: 96798

Ion Ratio Lower Upper

114 100

63 19.3 15.0 22.4

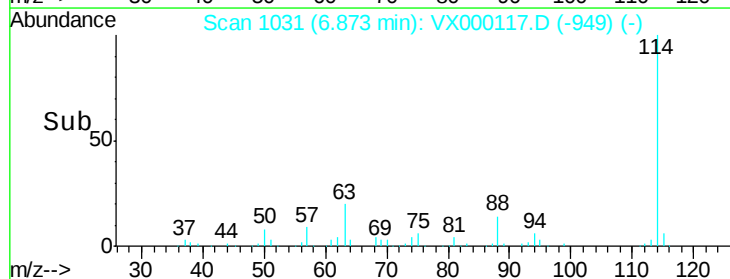
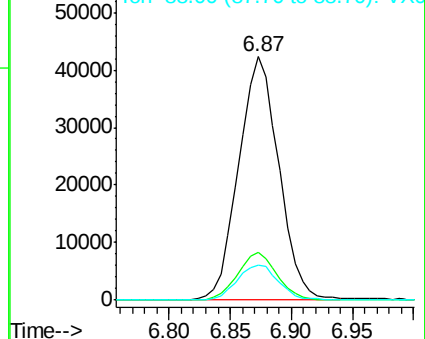
88 14.7 11.8 17.8

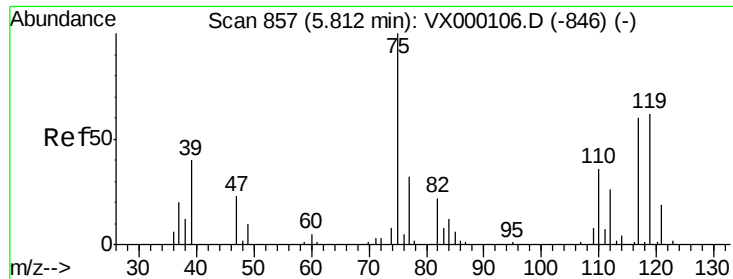


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

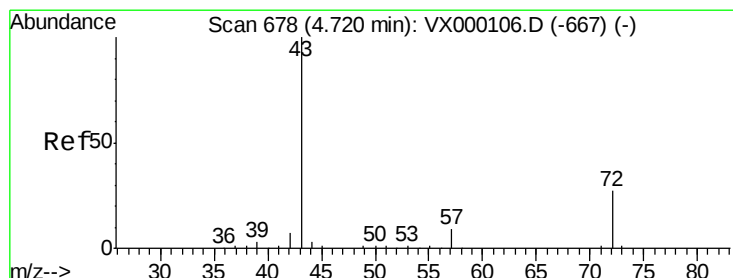
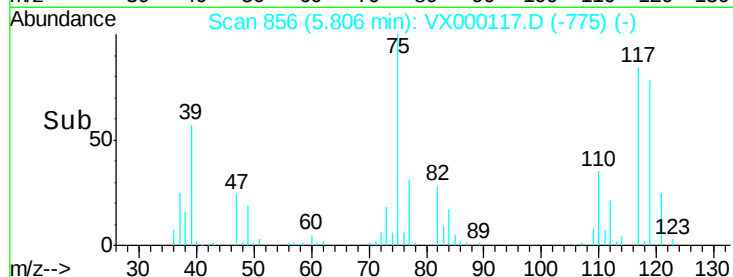
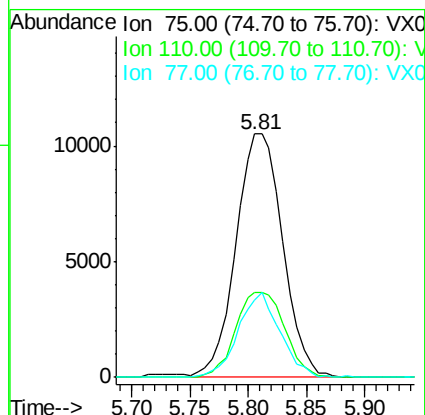
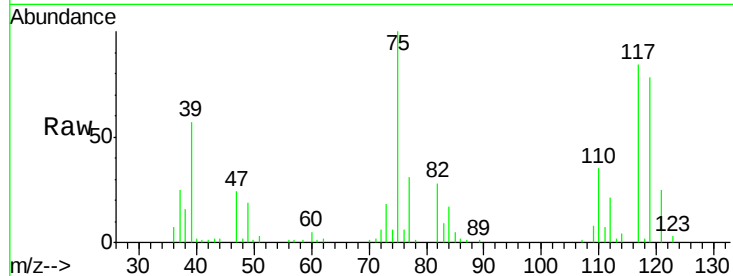




#29
 1,1-Dichloropropene
 Concen: 20.86 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

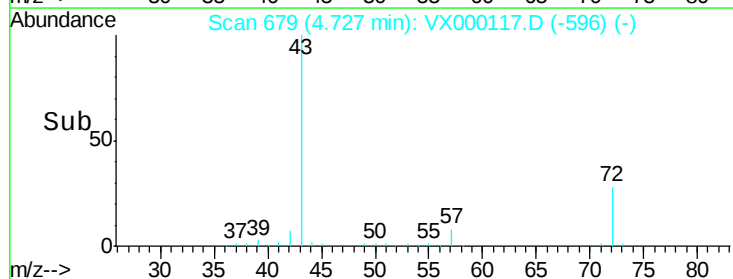
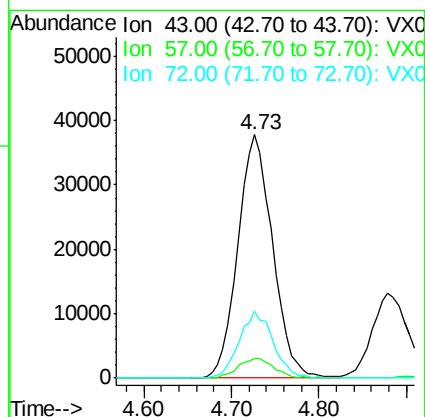
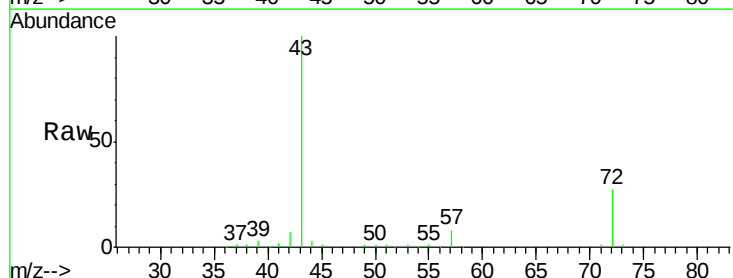
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

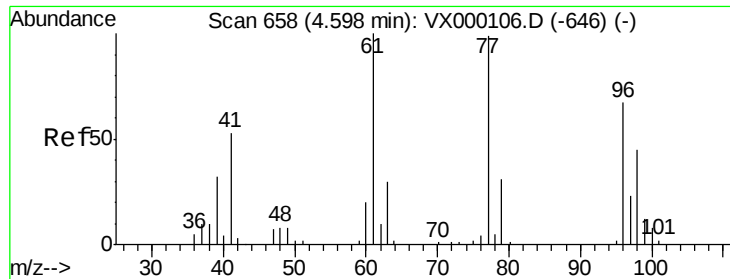
Tgt Ion: 75 Resp: 29400
 Ion Ratio Lower Upper
 75 100
 110 36.6 0.0 75.6
 77 30.9 0.0 62.6



#30
 2-Butanone
 Concen: 96.50 ug/l
 RT: 4.73 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 43 Resp: 104709
 Ion Ratio Lower Upper
 43 100
 57 8.4 6.6 10.0
 72 26.6 21.8 32.6

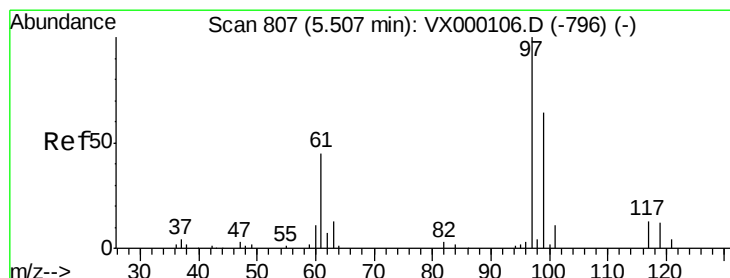
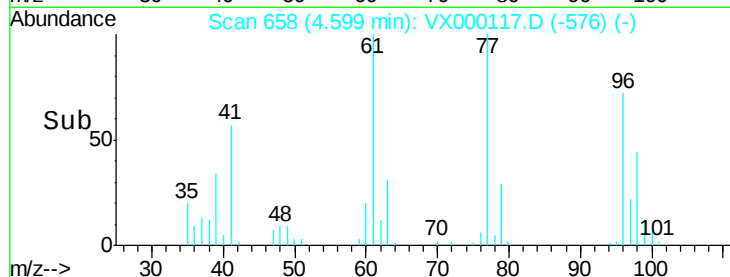
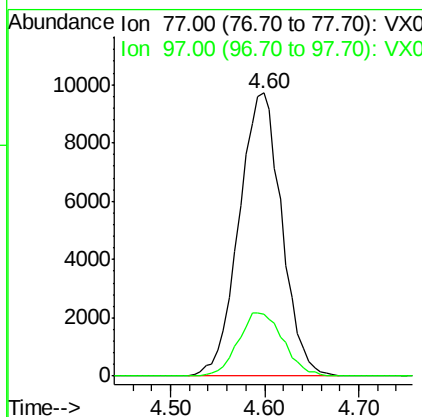
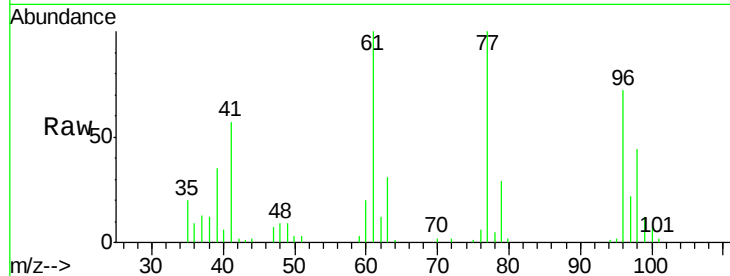




#31
 2,2-Dichloropropane
 Concen: 20.33 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

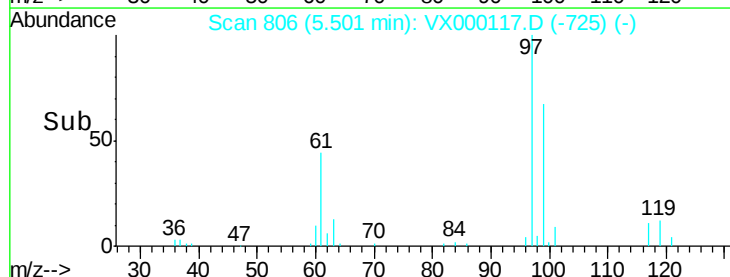
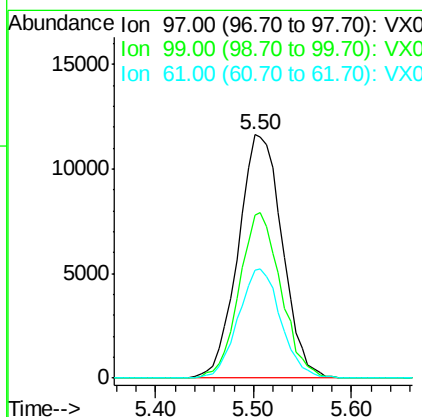
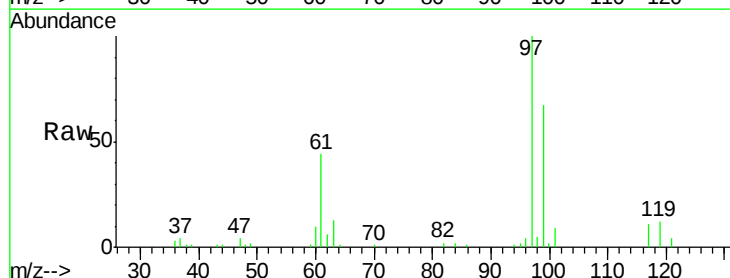
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

Tgt Ion: 77 Resp: 30822
 Ion Ratio Lower Upper
 77 100
 97 23.5 18.6 27.8



#32
 1,1,1-Trichloroethane
 Concen: 21.35 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 97 Resp: 36414
 Ion Ratio Lower Upper
 97 100
 99 64.1 52.3 78.5
 61 43.3 34.3 51.5

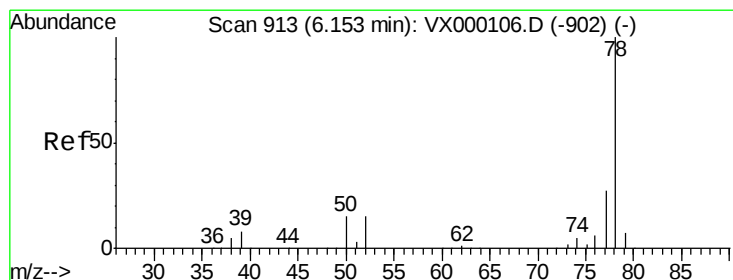
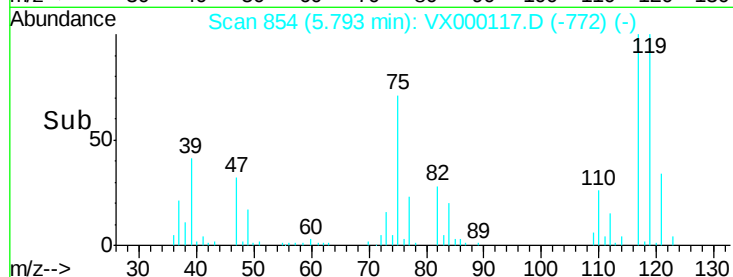
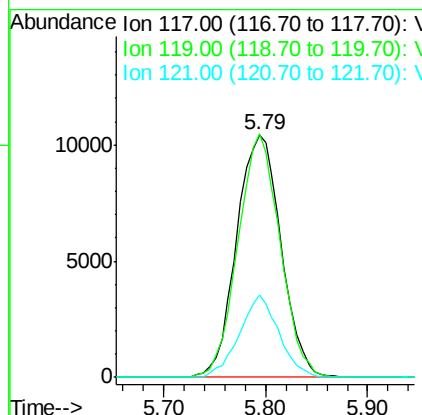
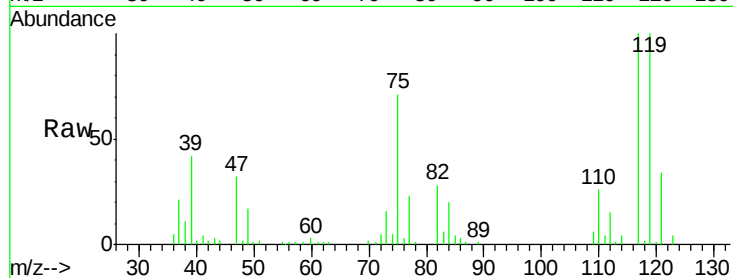




#33
Carbon Tetrachloride
Concen: 20.82 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

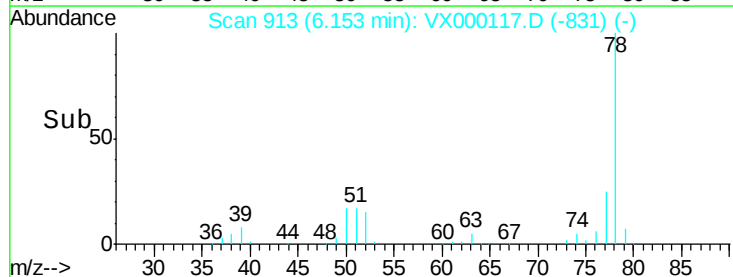
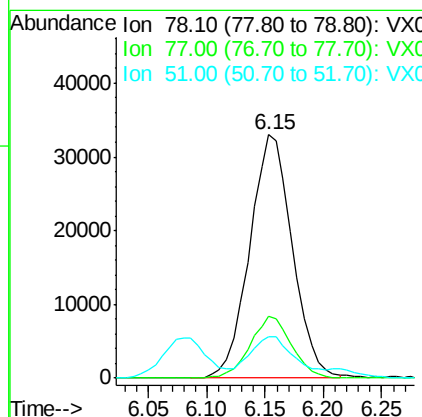
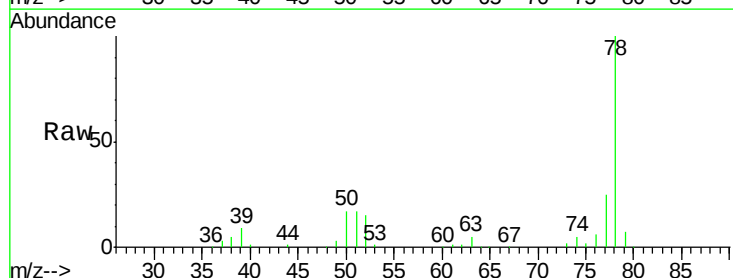
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

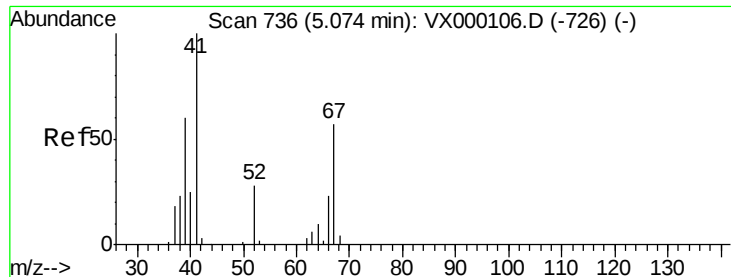
Tgt Ion:117 Resp: 31534
Ion Ratio Lower Upper
117 100
119 100.4 73.5 110.3
121 33.7 24.6 37.0



#34
Benzene
Concen: 20.76 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 78 Resp: 84211
Ion Ratio Lower Upper
78 100
77 25.4 21.7 32.5
51 12.8 14.9 22.3#

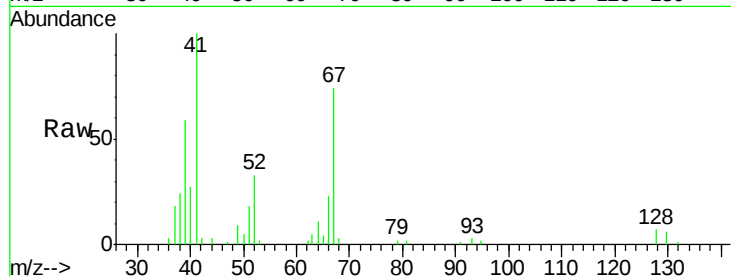




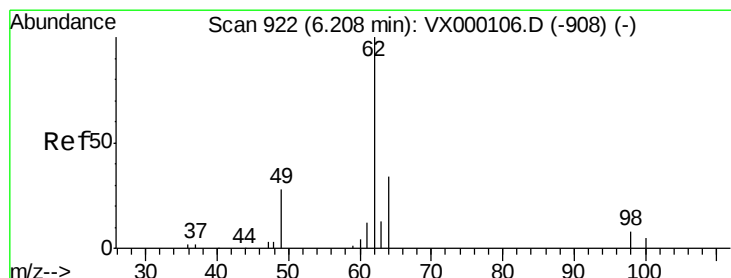
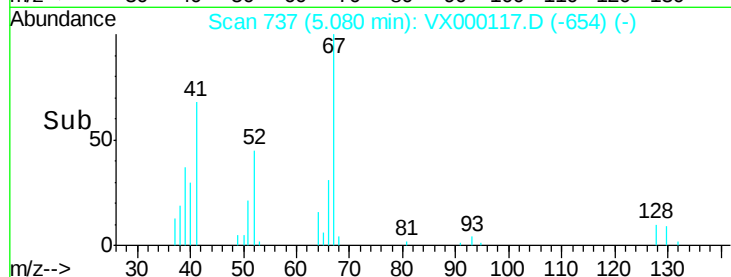
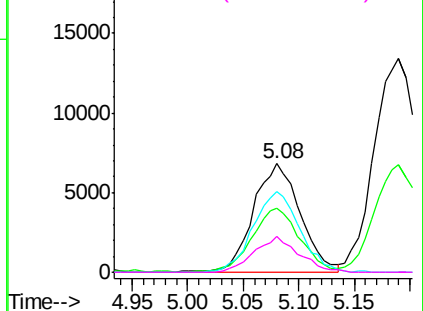
#35
Methacrylonitrile
Concen: 20.01 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion:	41	Resp:	19991
Ion	Ratio	Lower	Upper
41	100		
39	59.6	29.8	89.3
67	74.5	28.7	86.3
52	33.2	14.0	41.9

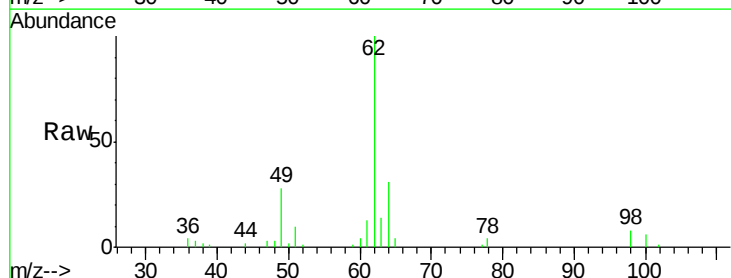


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

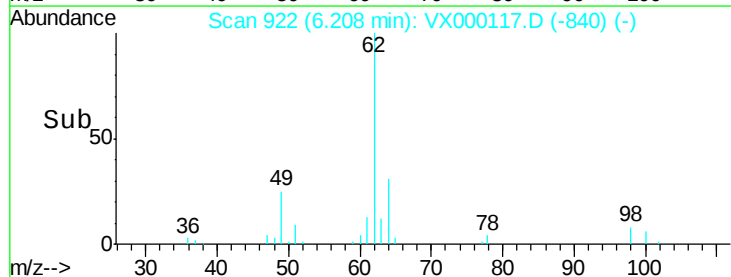
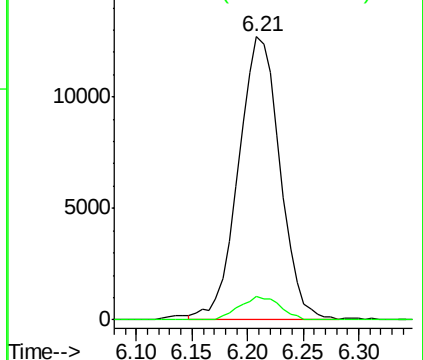


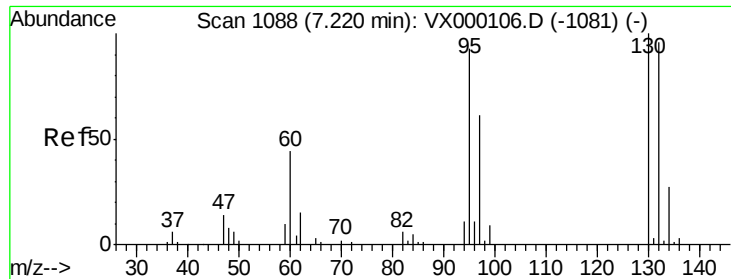
#36
1,2-Dichloroethane
Concen: 21.44 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion:	62	Resp:	32976
Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

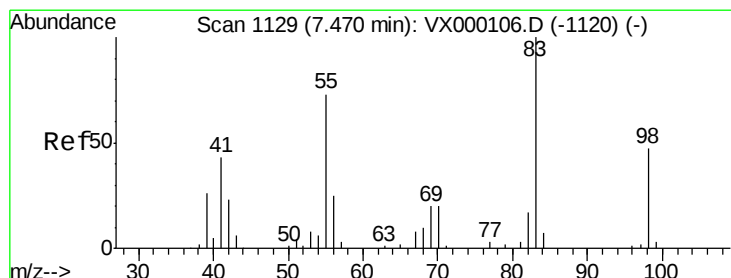
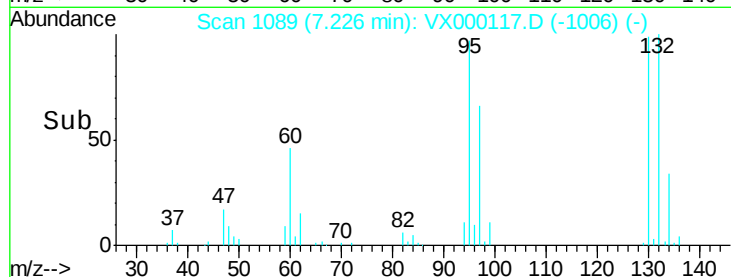
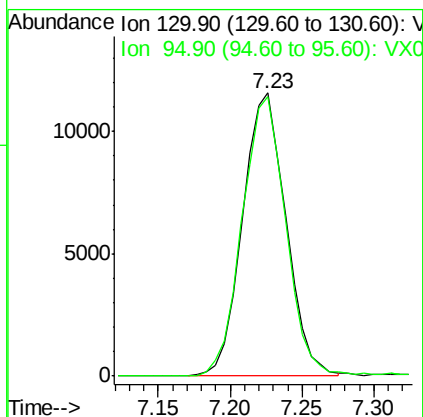
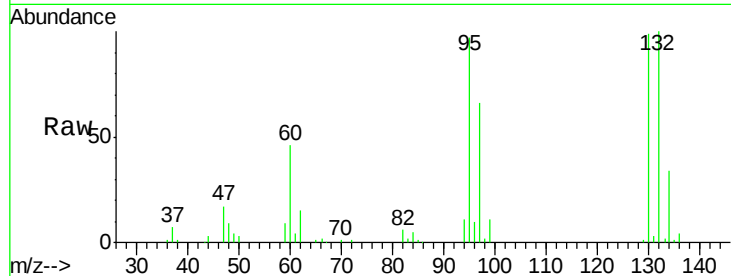




#37
 Trichloroethene
 Concen: 20.12 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

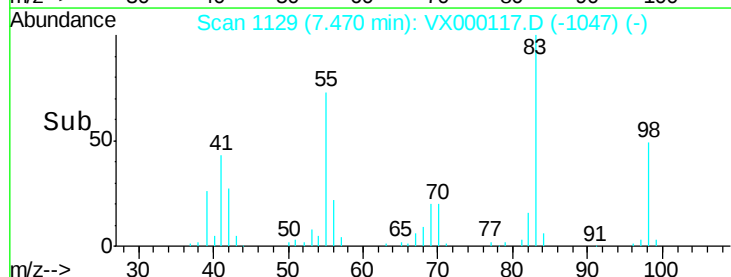
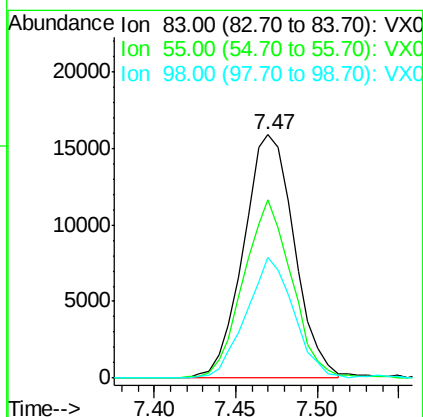
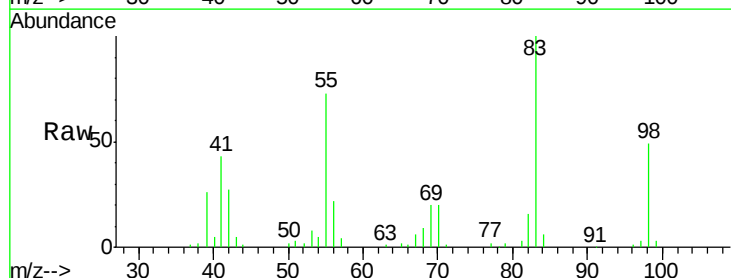
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

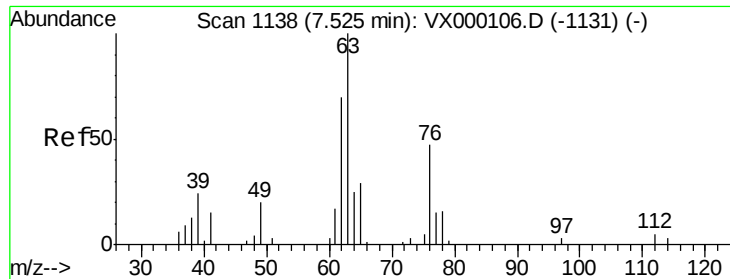
Tgt Ion: 130 Resp: 24125
 Ion Ratio Lower Upper
 130 100
 95 98.6 74.6 112.0



#38
 Methylcyclohexane
 Concen: 20.40 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 83 Resp: 34472
 Ion Ratio Lower Upper
 83 100
 55 69.9 35.9 107.7
 98 46.3 24.6 74.0

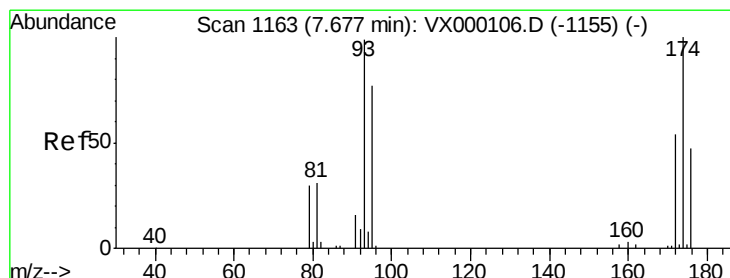
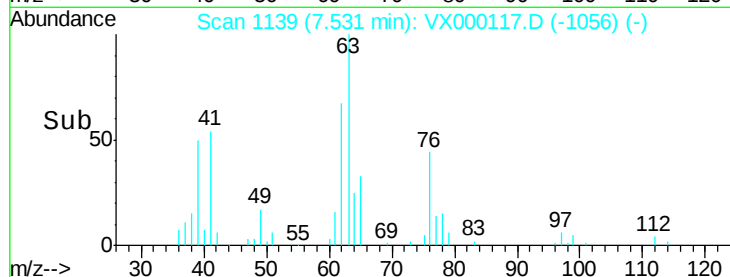
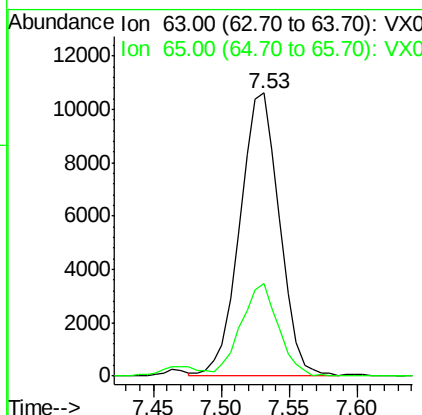
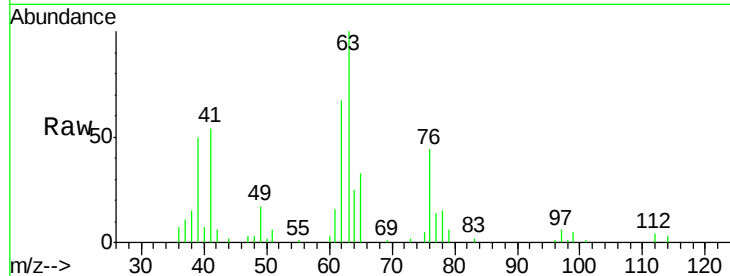




#39
 1,2-Dichloropropane
 Concen: 21.42 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

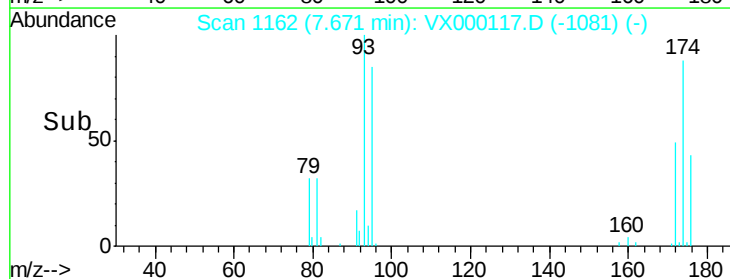
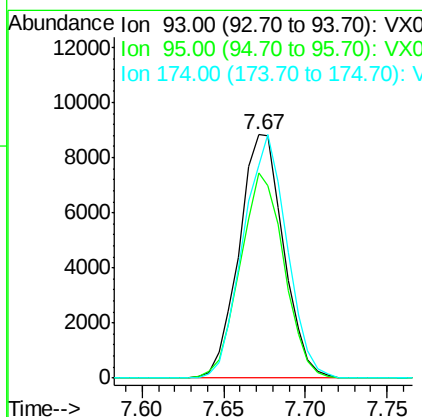
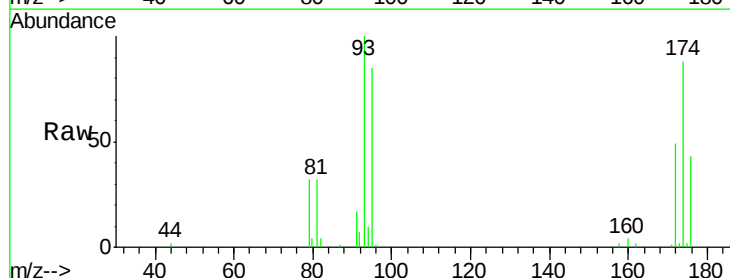
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

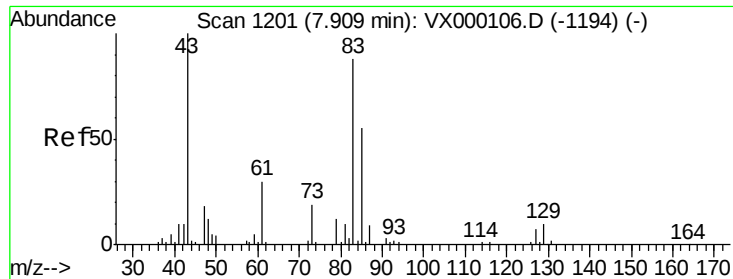
Tgt Ion: 63 Resp: 21688
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.0 37.6



#40
 Dibromomethane
 Concen: 21.48 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 93 Resp: 16758
 Ion Ratio Lower Upper
 93 100
 95 83.3 0.0 170.6
 174 98.5 0.0 210.4





#41

Bromodichloromethane

Concen: 20.79 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

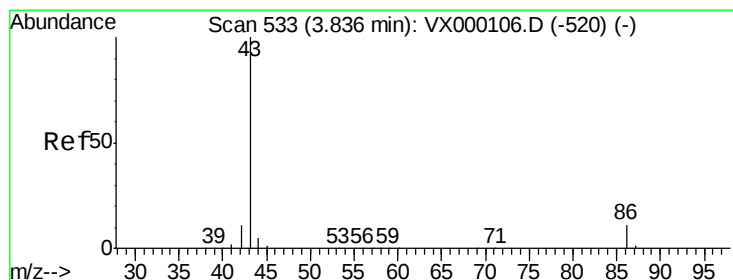
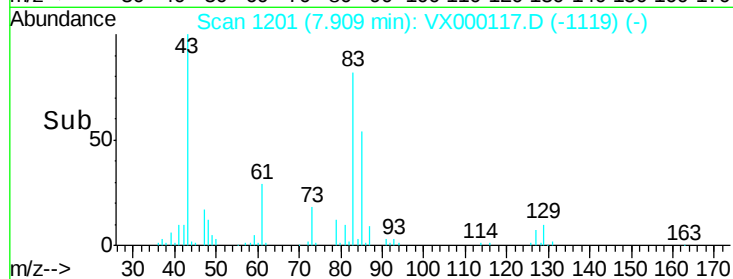
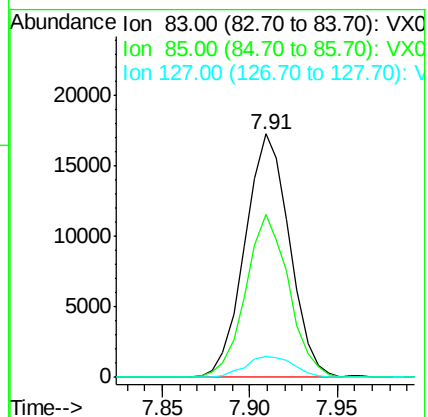
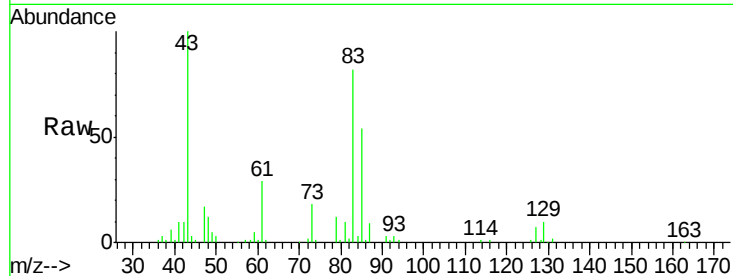
Tgt Ion: 83 Resp: 30838

Ion Ratio Lower Upper

83 100

85 66.7 50.0 75.0

127 8.3 6.6 10.0



#42

Vinyl Acetate

Concen: 100.70 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000117.D

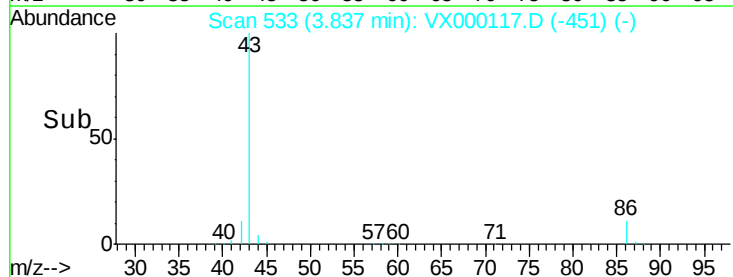
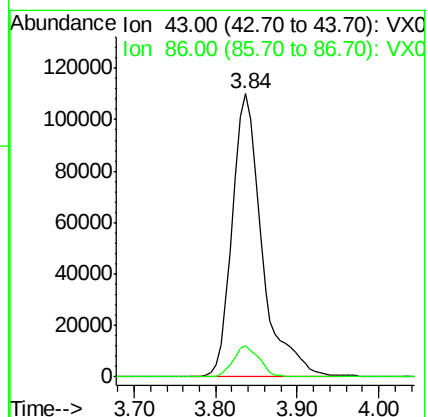
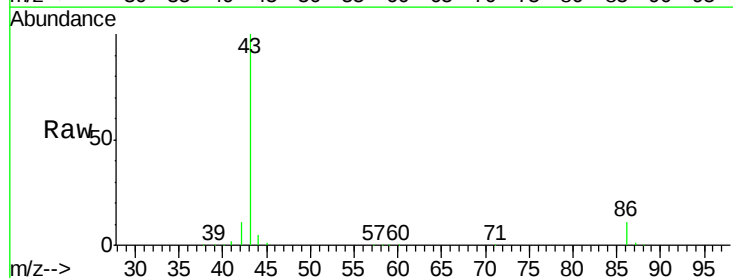
Acq: 20 Feb 2018 19:37

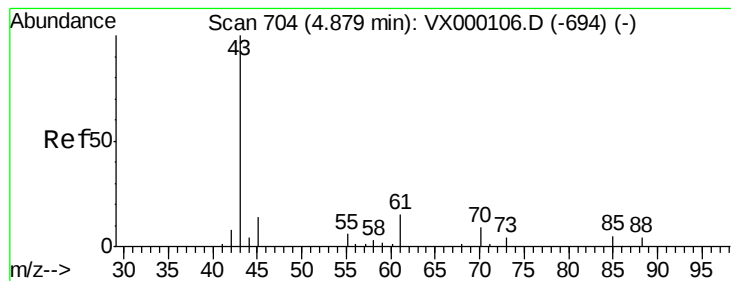
Tgt Ion: 43 Resp: 278496

Ion Ratio Lower Upper

43 100

86 9.7 7.8 11.6





#43

Ethyl Acetate

Concen: 19.93 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

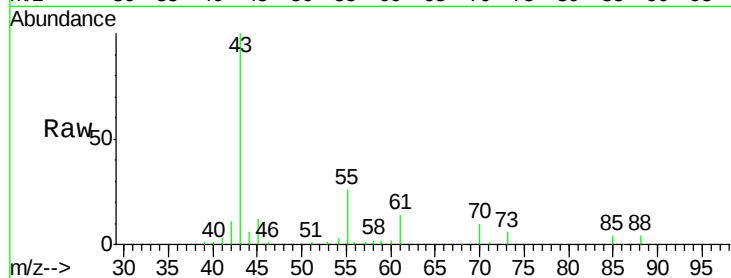
VX0220WBSD01

Tgt Ion: 43 Resp: 37979

Ion Ratio Lower Upper

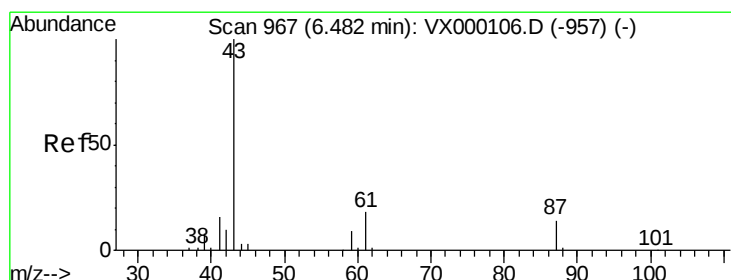
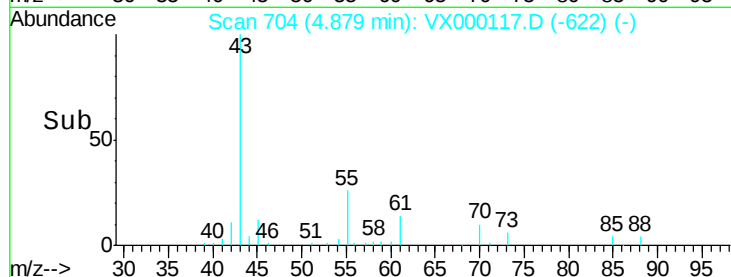
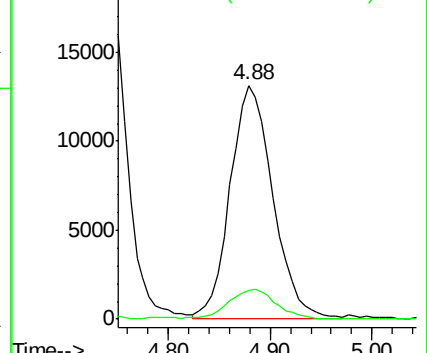
43 100

45 14.1 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 20.73 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000117.D

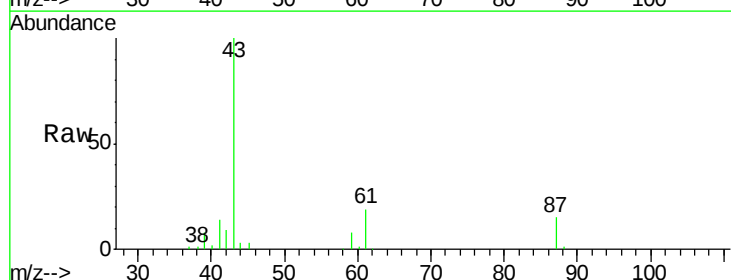
Acq: 20 Feb 2018 19:37

Tgt Ion: 43 Resp: 57963

Ion Ratio Lower Upper

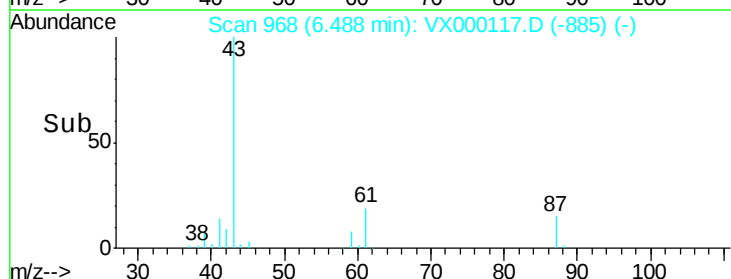
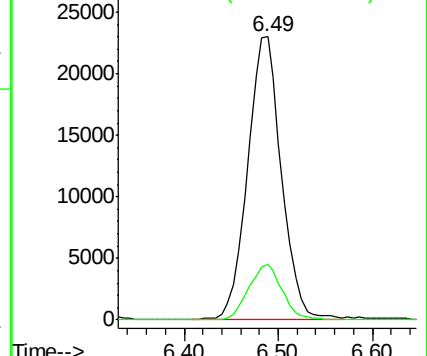
43 100

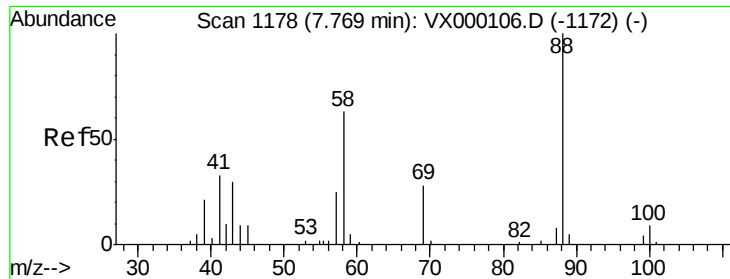
61 19.3 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

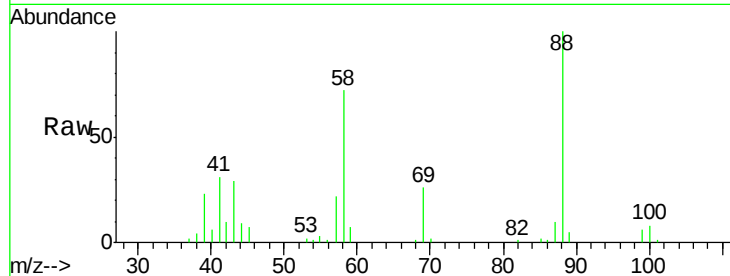




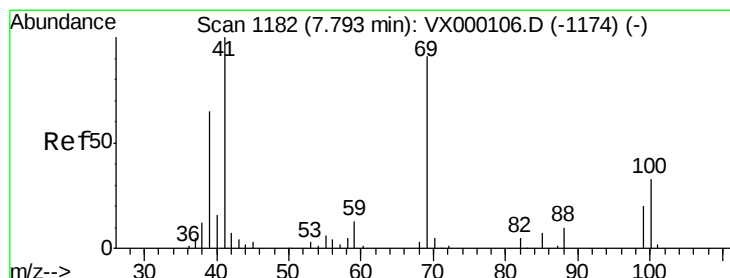
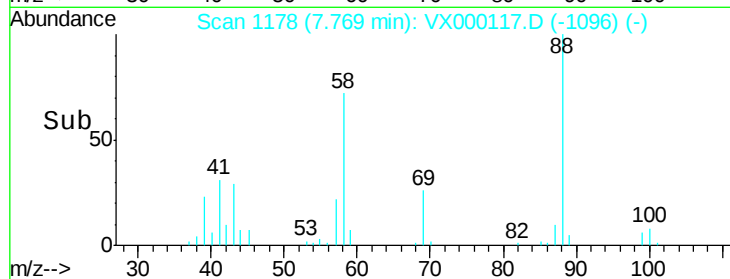
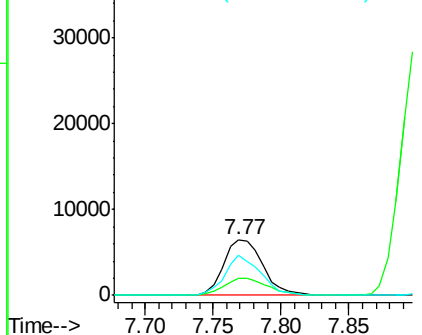
#45
 1,4-Dioxane
 Concen: 370.49 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Instrument :
 MSVOA_X
 ClientSampled :
 VX0220WBSD01

Tgt Ion: 88 Resp: 13030
 Ion Ratio Lower Upper
 88 100
 43 33.9 26.8 40.2
 58 64.9 52.1 78.1

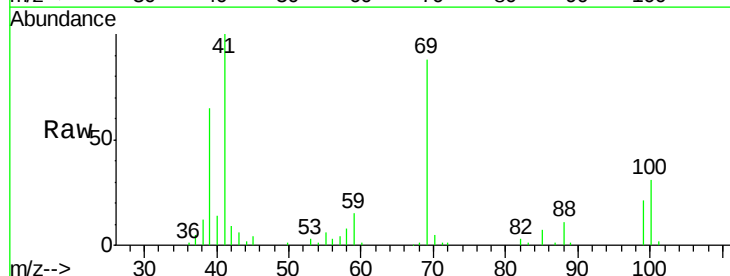


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

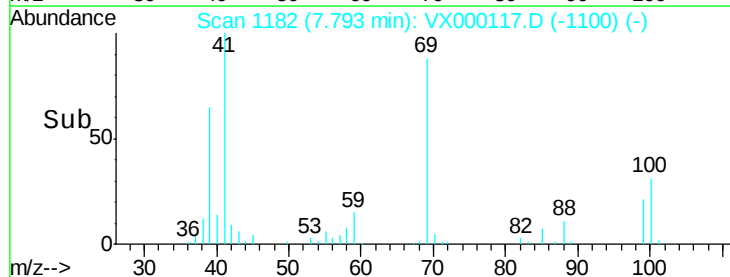
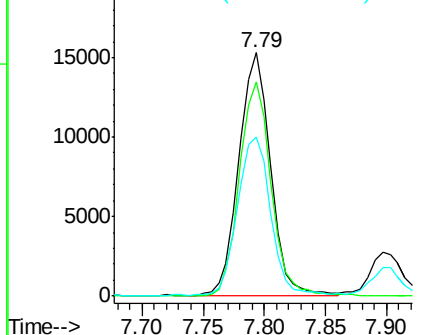


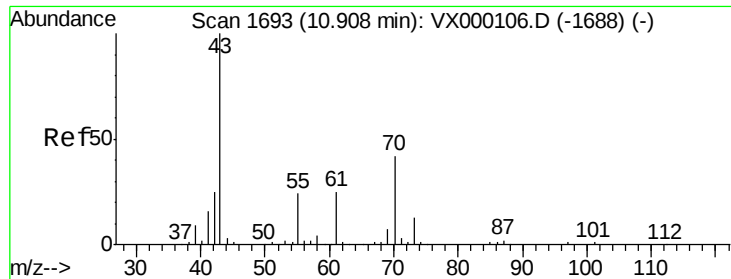
#46
 Methyl methacrylate
 Concen: 20.47 ug/l
 RT: 7.79 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 41 Resp: 27847
 Ion Ratio Lower Upper
 41 100
 69 88.1 45.5 136.5
 39 65.2 32.5 97.5



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

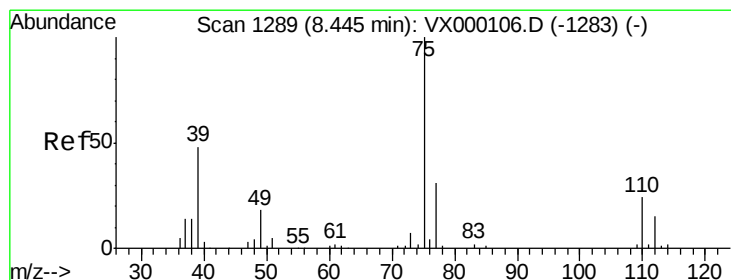
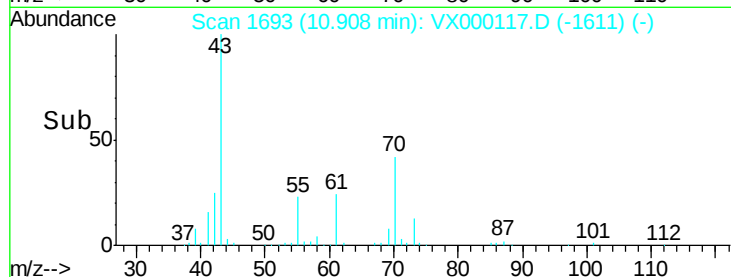
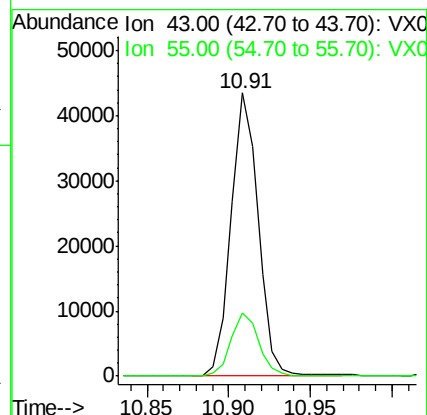
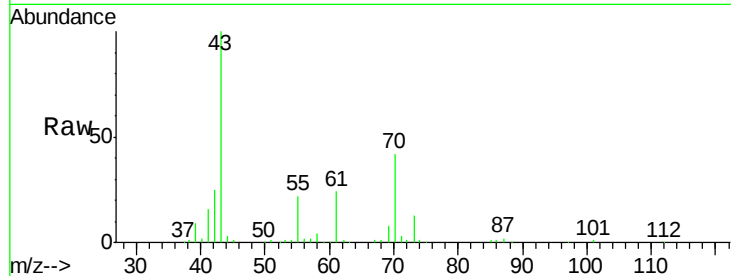




#47
n-amy1 Acetate
Concen: 20.73 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

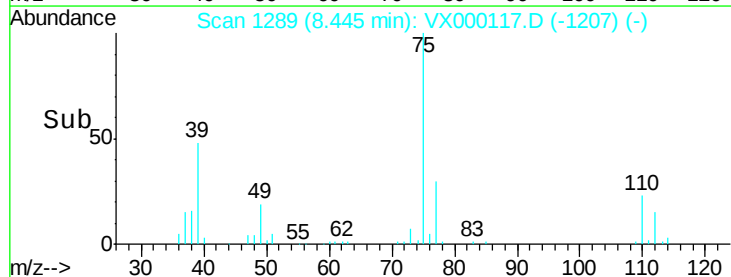
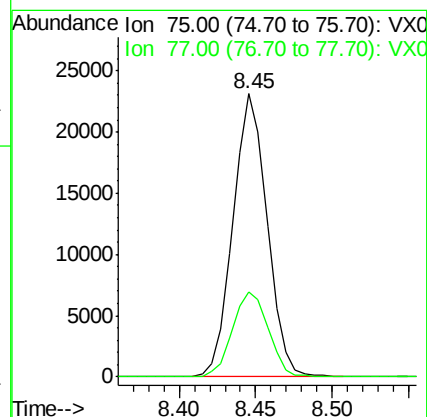
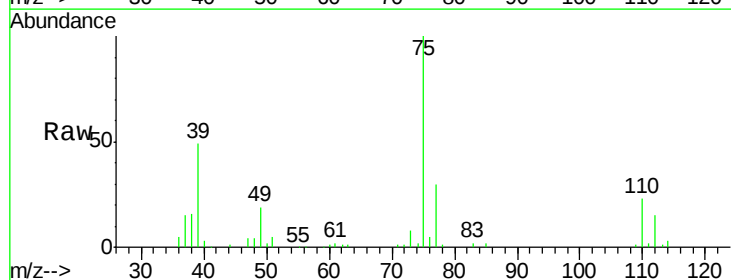
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

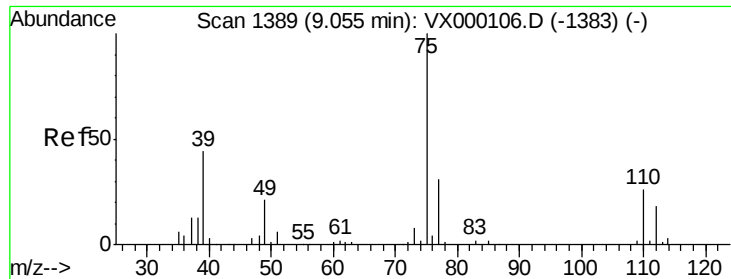
Tgt Ion: 43 Resp: 50606
Ion Ratio Lower Upper
43 100
55 22.9 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 20.69 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 75 Resp: 35721
Ion Ratio Lower Upper
75 100
77 30.2 24.6 37.0



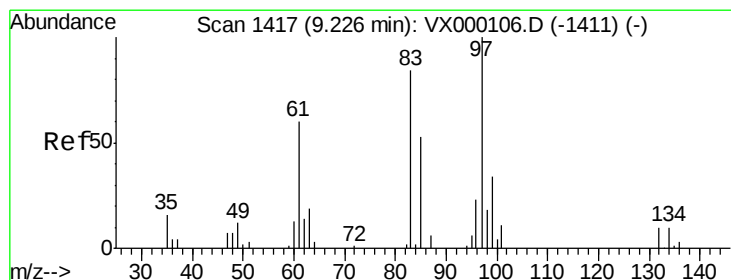
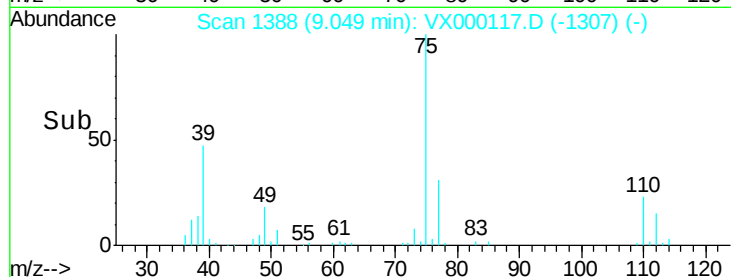
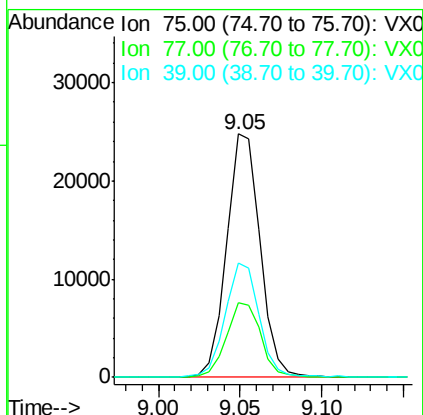
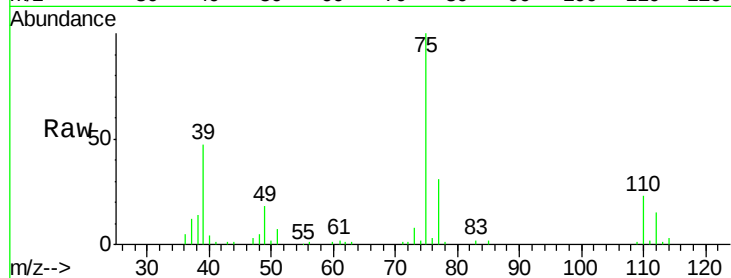


#49

cis-1,3-Dichloropropene
Concen: 21.06 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.01 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

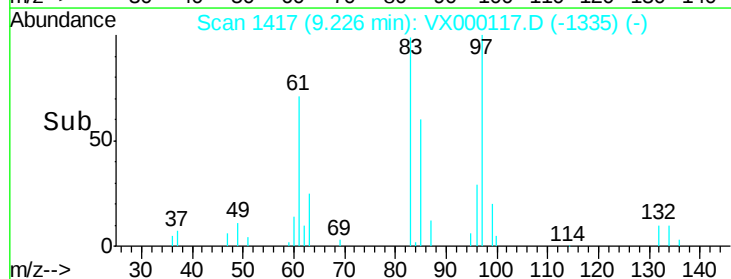
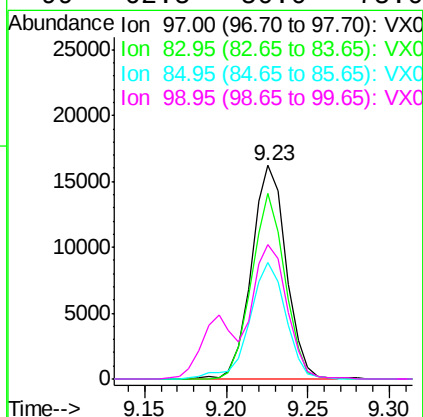
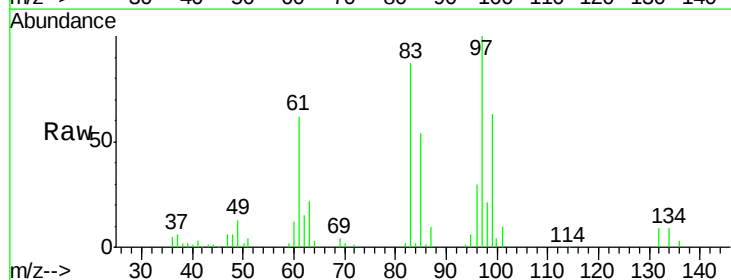
Tgt Ion: 75 Resp: 35388
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7
39 46.3 35.6 53.4

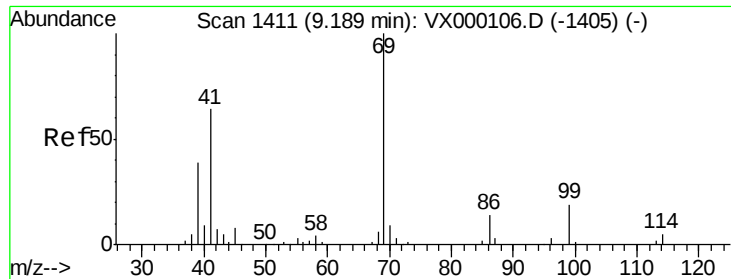


#50

1,1,2-Trichloroethane
Concen: 20.92 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 97 Resp: 23966
Ion Ratio Lower Upper
97 100
83 87.2 66.9 100.3
85 54.3 44.4 66.6
99 62.5 50.0 75.0

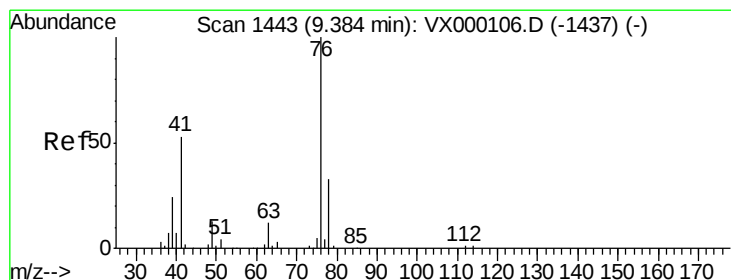
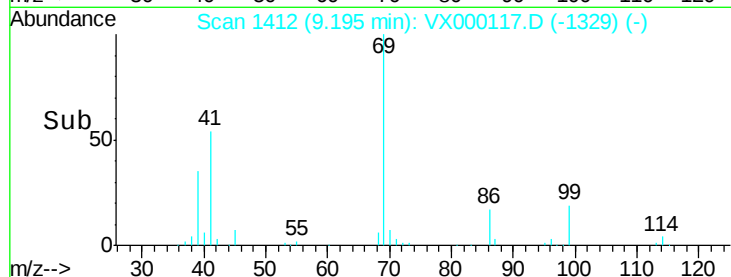
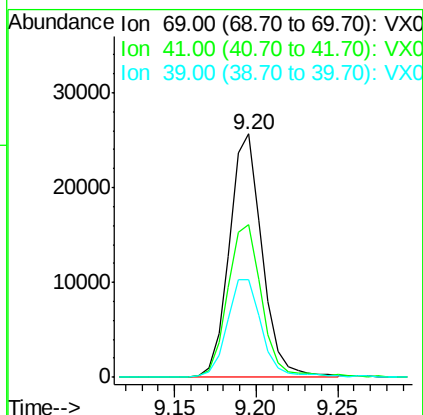
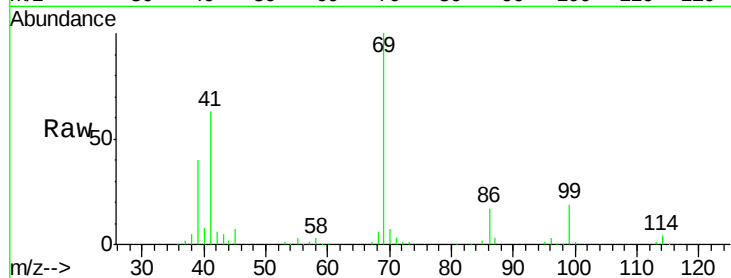




#51
Ethyl methacrylate
Concen: 20.43 ug/l
RT: 9.20 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

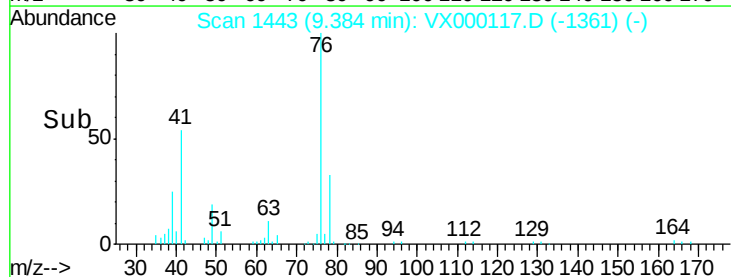
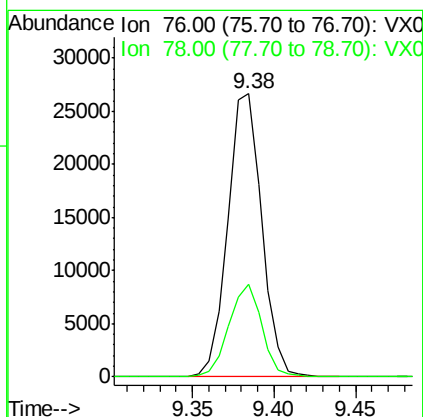
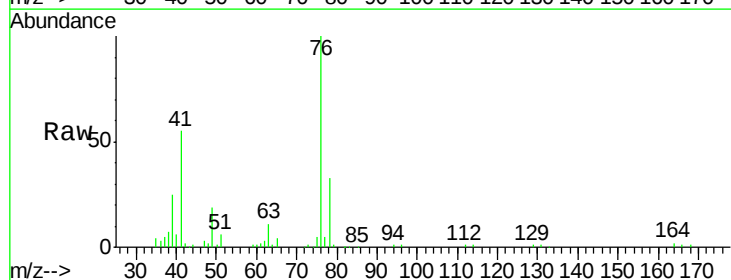
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

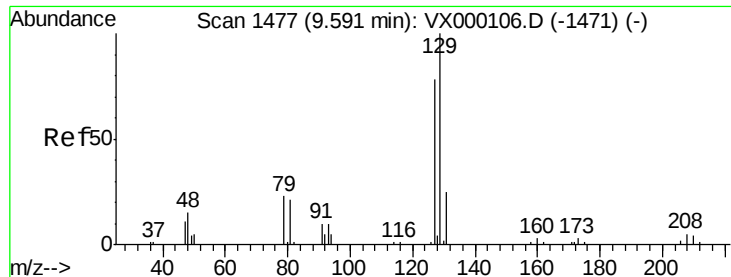
Tgt Ion: 69 Resp: 35858
Ion Ratio Lower Upper
69 100
41 62.3 32.1 96.3
39 39.7 19.6 58.7



#52
1,3-Dichloropropane
Concen: 21.07 ug/l
RT: 9.38 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 76 Resp: 38718
Ion Ratio Lower Upper
76 100
78 31.6 0.0 65.0





#53

Dibromochloromethane

Concen: 20.50 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

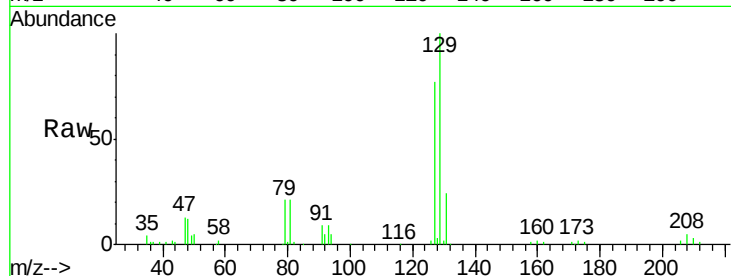
VX0220WBSD01

Tgt Ion:129 Resp: 26134

Ion Ratio Lower Upper

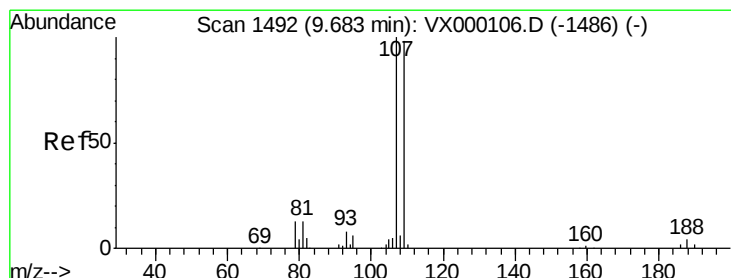
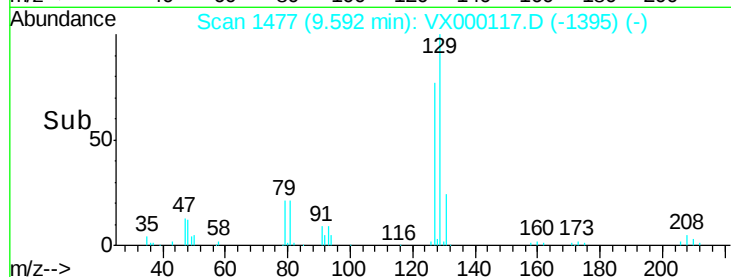
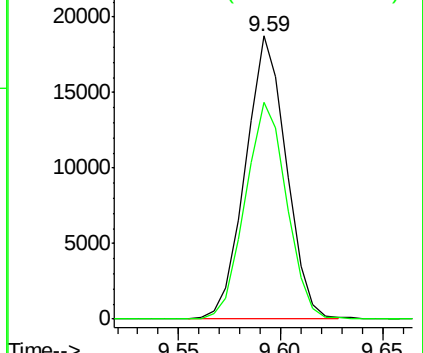
129 100

127 77.2 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.53 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000117.D

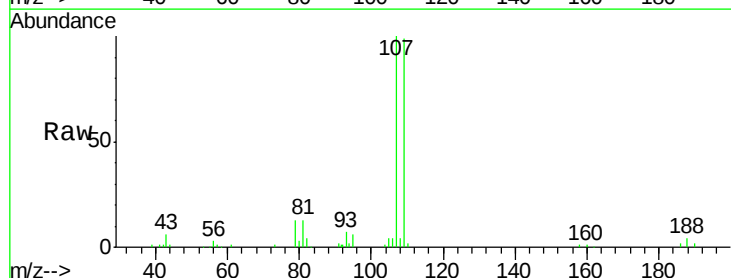
Acq: 20 Feb 2018 19:37

Tgt Ion:107 Resp: 26213

Ion Ratio Lower Upper

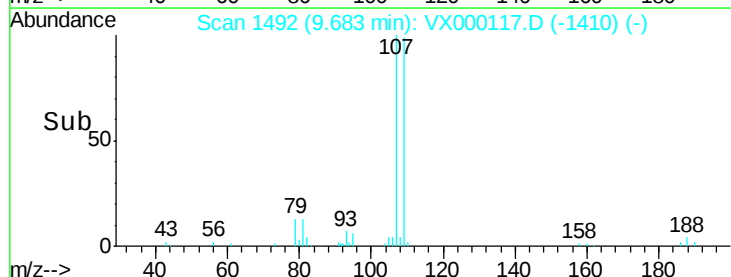
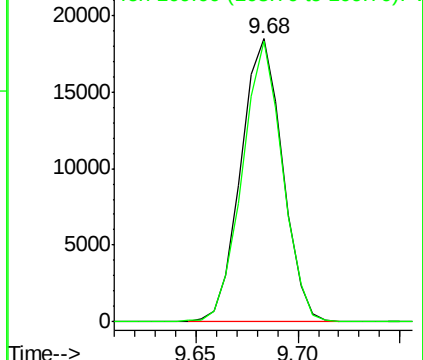
107 100

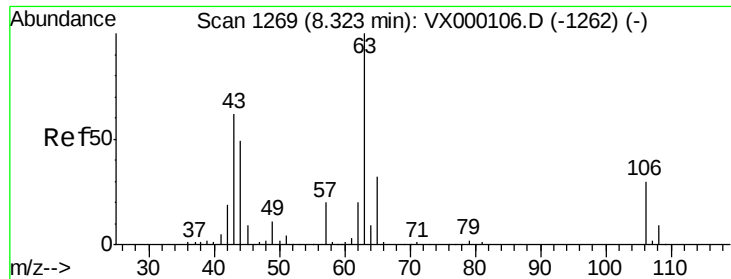
109 95.8 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

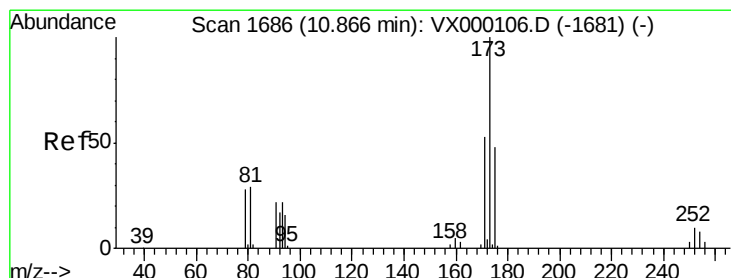
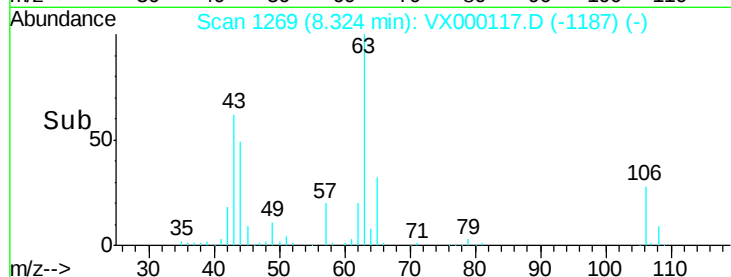
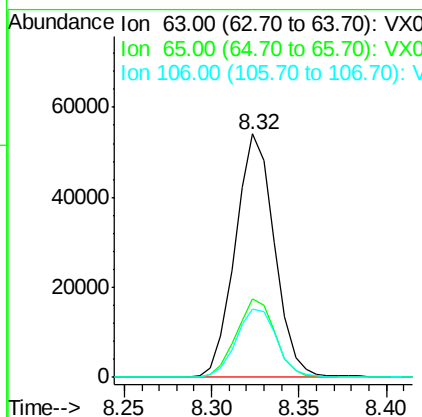
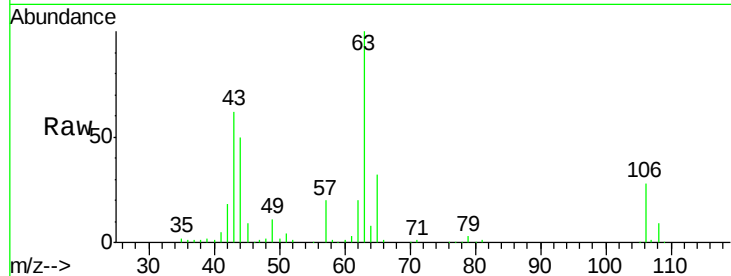




#55
 2-Chloroethyl vinyl ether
 Concen: 110.29 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

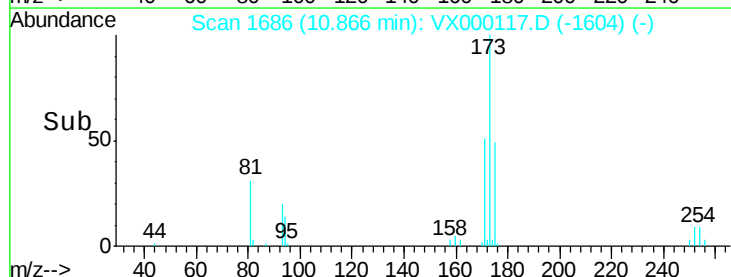
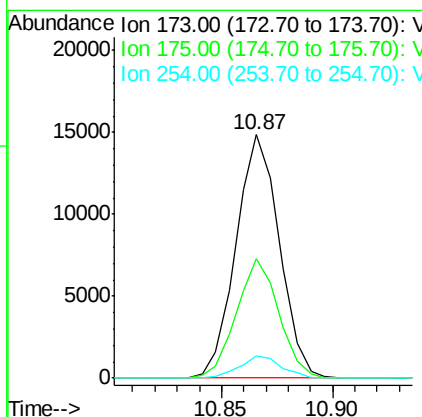
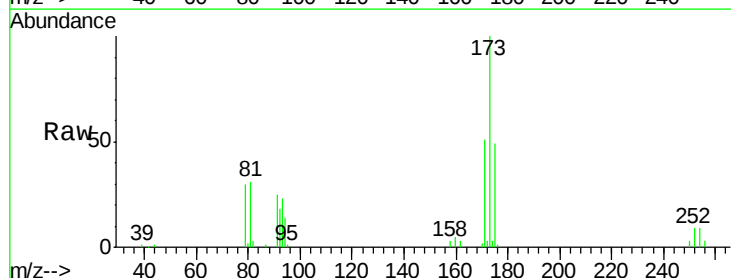
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

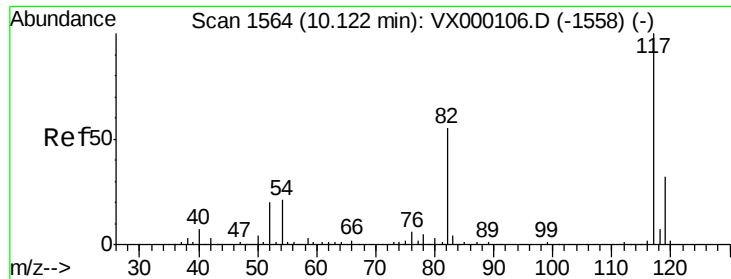
Tgt Ion: 63 Resp: 84526
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.8 38.8
 106 29.1 23.8 35.6



#56
 Bromoform
 Concen: 19.50 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 173 Resp: 20134
 Ion Ratio Lower Upper
 173 100
 175 47.9 39.0 58.4
 254 8.9 7.0 10.4

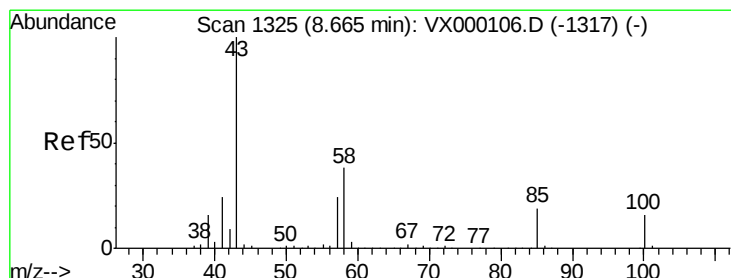
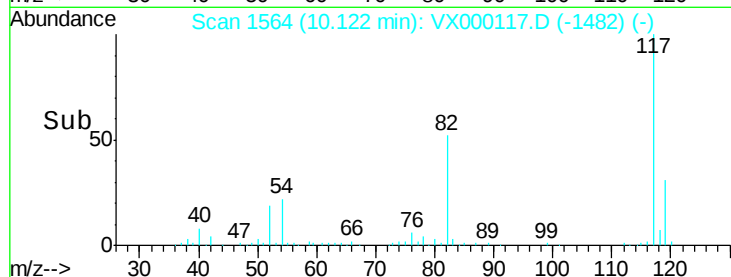
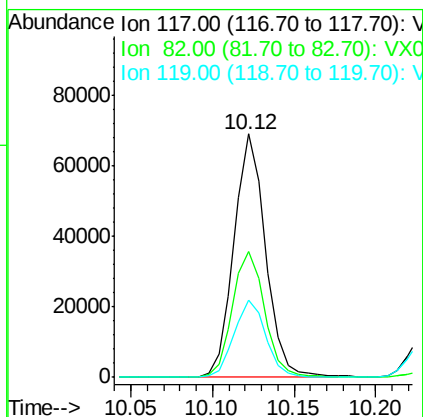
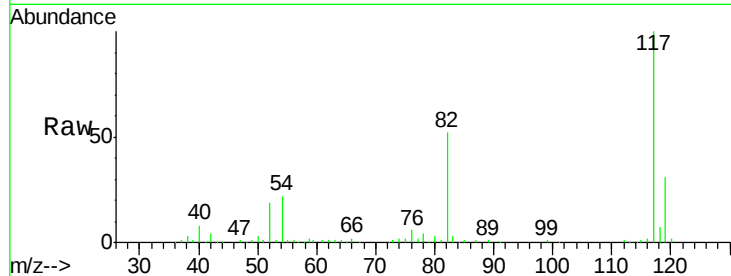




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

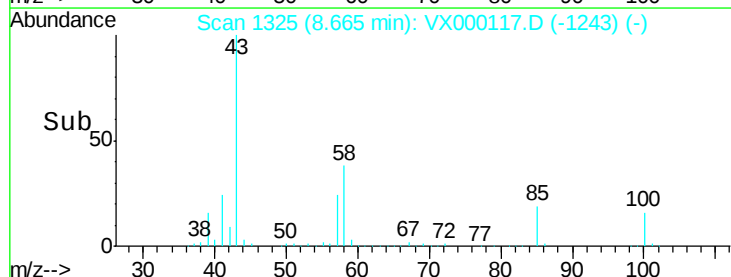
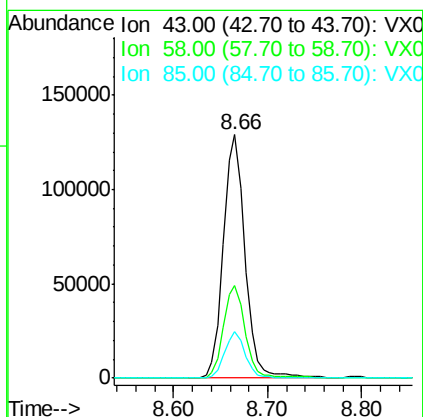
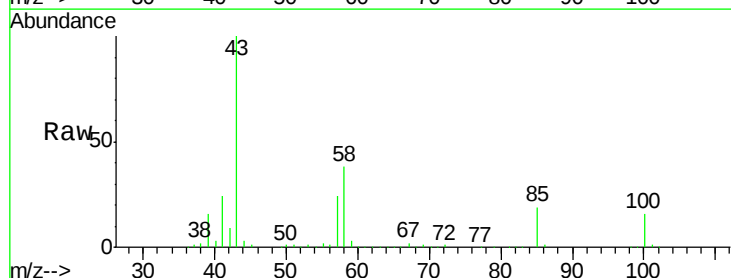
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

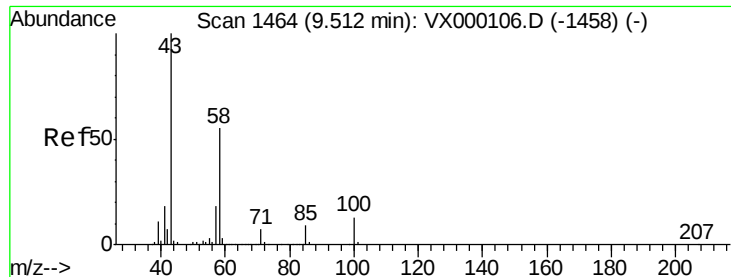
Tgt Ion: 117 Resp: 93459
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.6 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 100.90 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 43 Resp: 206554
Ion Ratio Lower Upper
43 100
58 37.7 29.8 44.8
85 18.1 14.9 22.3

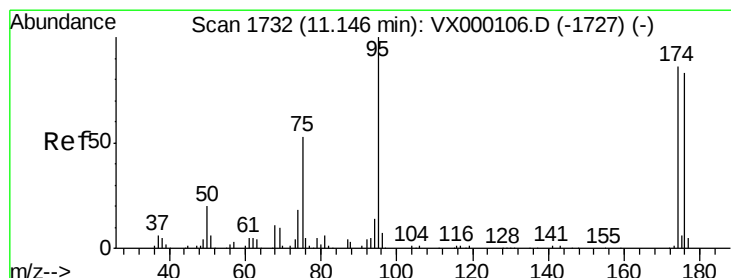
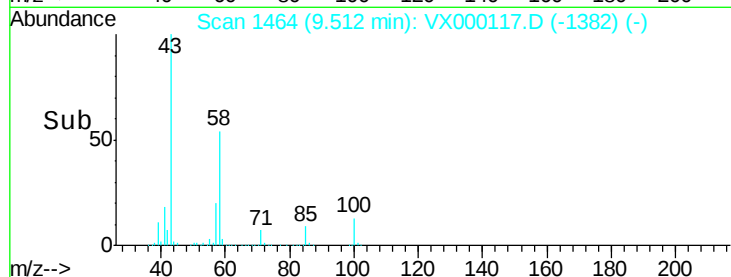
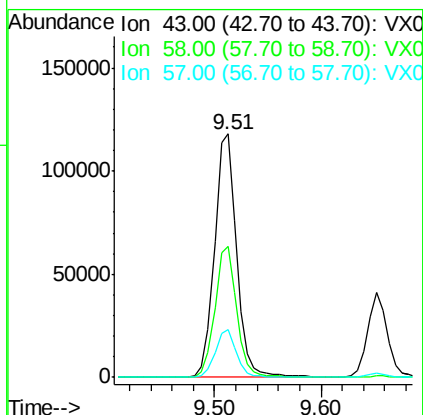
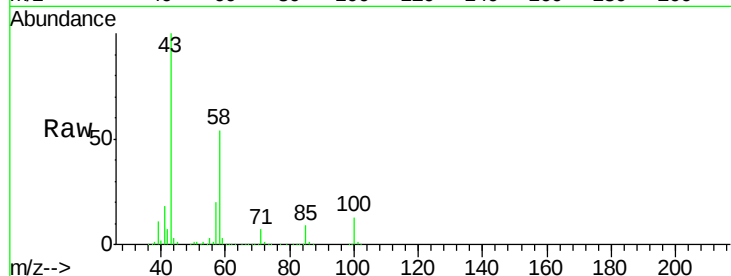




#59
2-Hexanone
Concen: 97.22 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

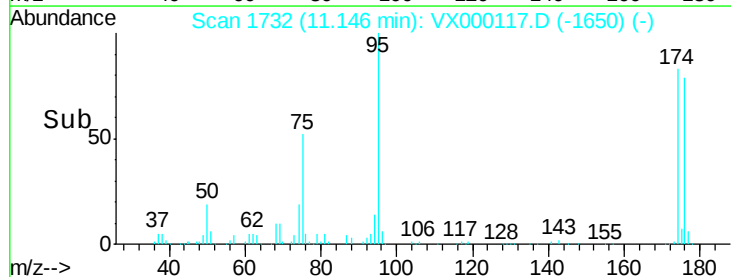
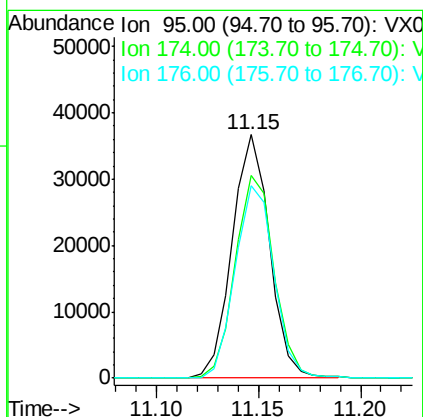
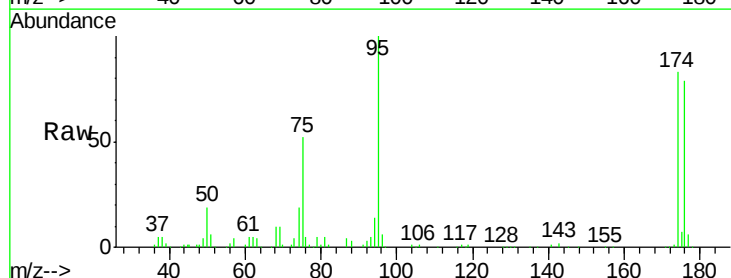
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

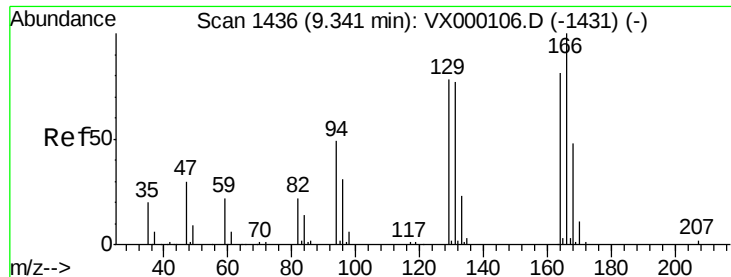
Tgt Ion: 43 Resp: 168515
Ion Ratio Lower Upper
43 100
58 53.3 43.0 64.6
57 18.9 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 30.49 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 95 Resp: 46622
Ion Ratio Lower Upper
95 100
174 86.8 71.1 106.7
176 82.2 69.3 103.9





#61

Tetrachloroethene

Concen: 19.63 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

Tgt Ion:164 Resp: 22279

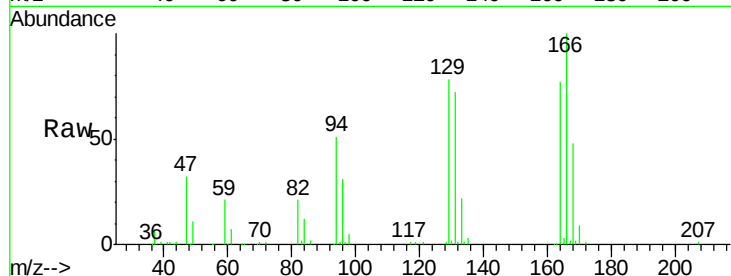
Ion Ratio Lower Upper

164 100

166 130.6 99.0 148.4

129 101.2 77.0 115.6

131 93.6 75.8 113.6

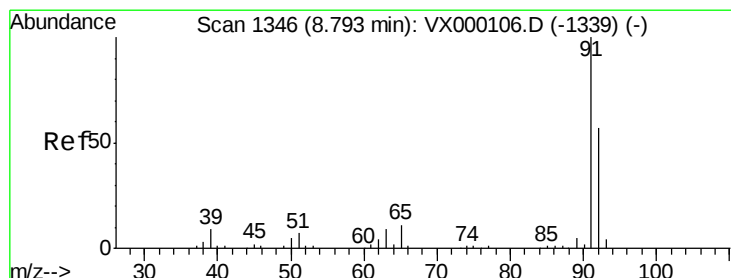
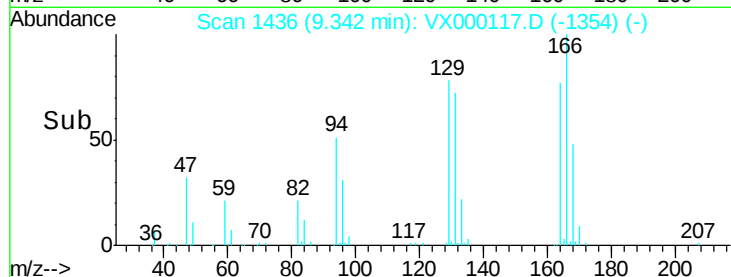
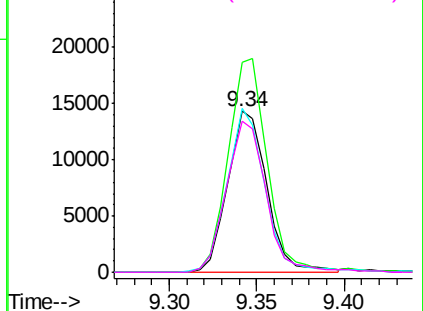


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.57 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000117.D

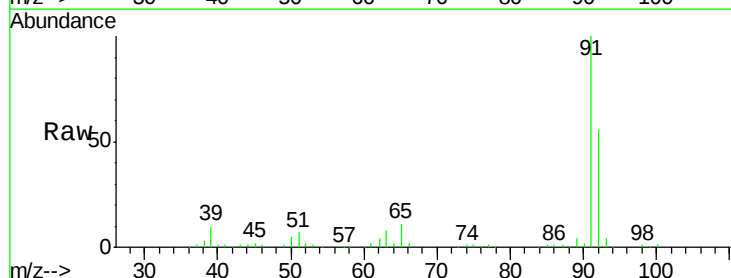
Acq: 20 Feb 2018 19:37

Tgt Ion: 91 Resp: 100040

Ion Ratio Lower Upper

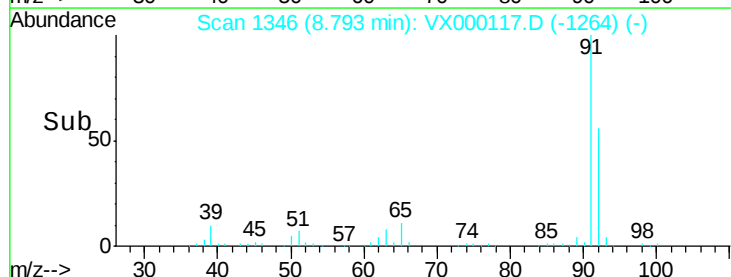
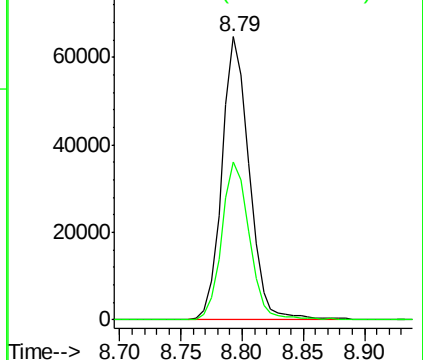
91 100

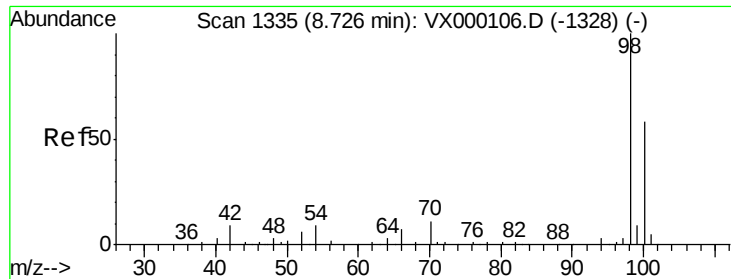
92 56.7 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

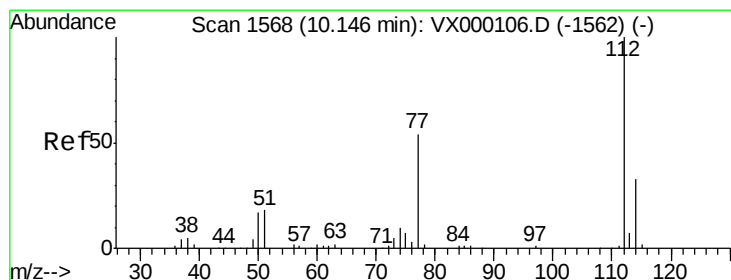
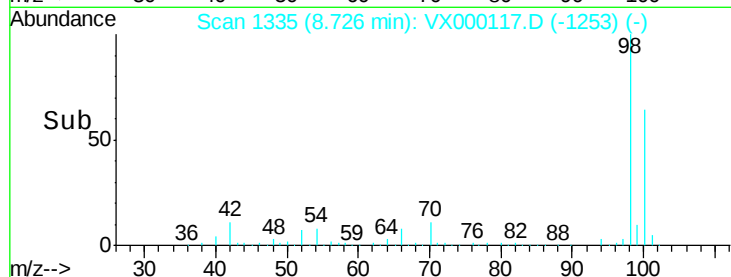
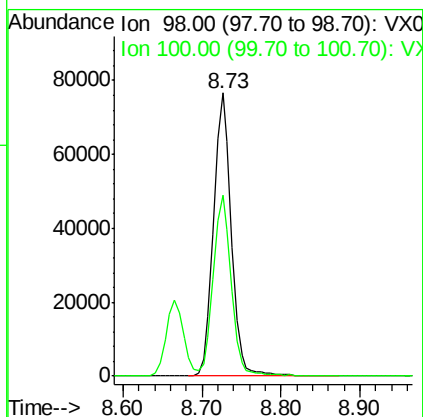
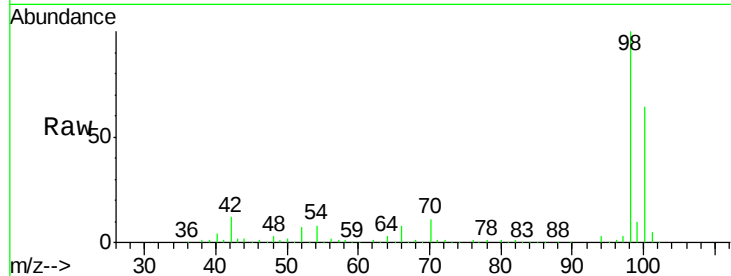




#63
Toluene-d8
Concen: 30.29 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

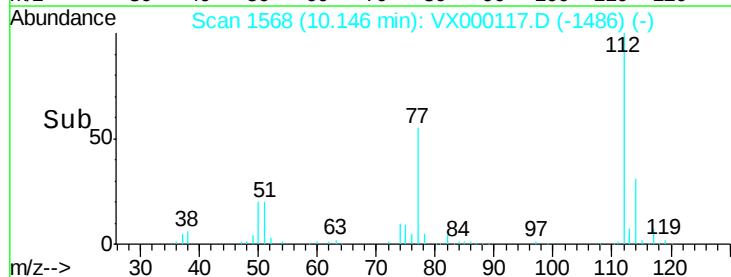
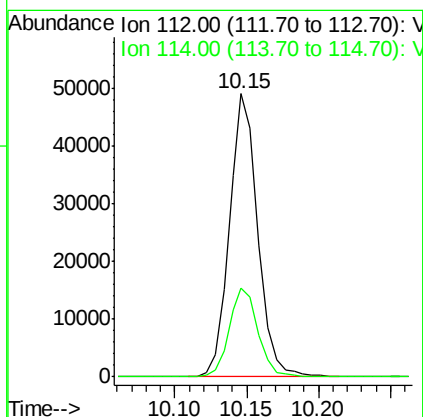
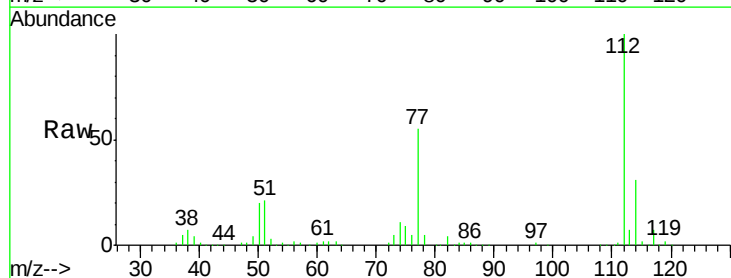
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

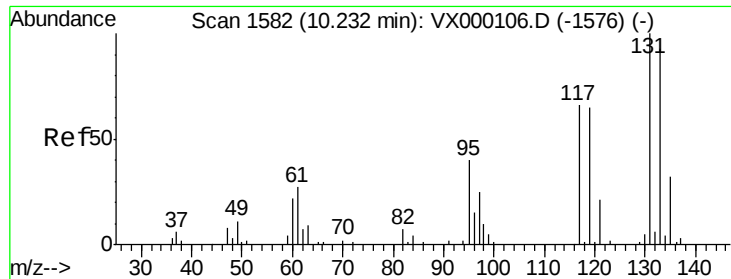
Tgt Ion: 98 Resp: 121240
Ion Ratio Lower Upper
98 100
100 64.0 50.0 75.0



#64
Chlorobenzene
Concen: 20.60 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 112 Resp: 67676
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.70 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

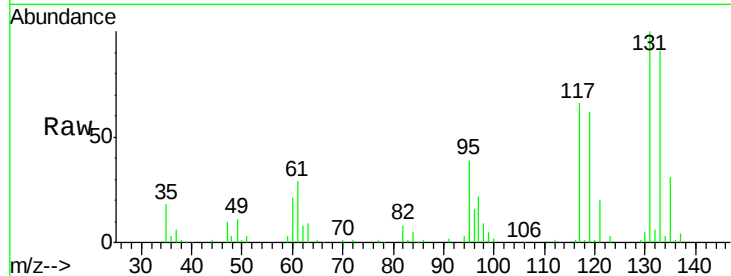
Tgt Ion:131 Resp: 24098

Ion Ratio Lower Upper

131 100

133 95.1 0.0 187.6

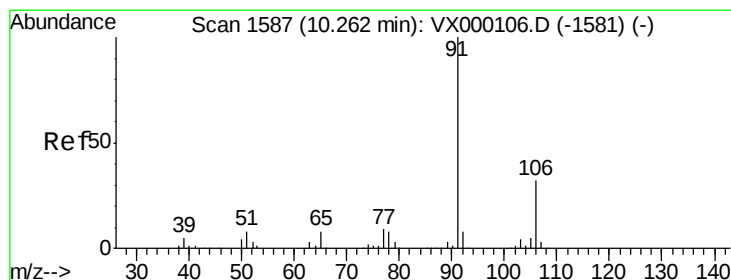
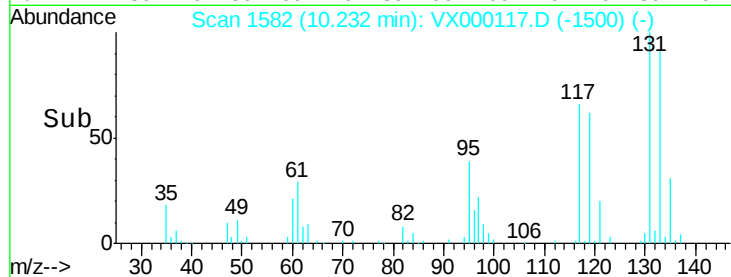
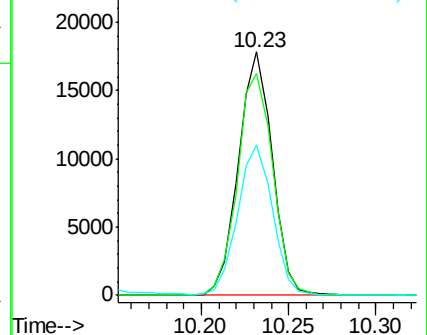
119 64.1 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.70 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000117.D

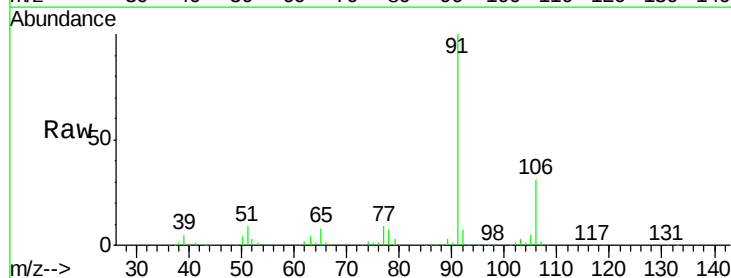
Acq: 20 Feb 2018 19:37

Tgt Ion: 91 Resp: 114885

Ion Ratio Lower Upper

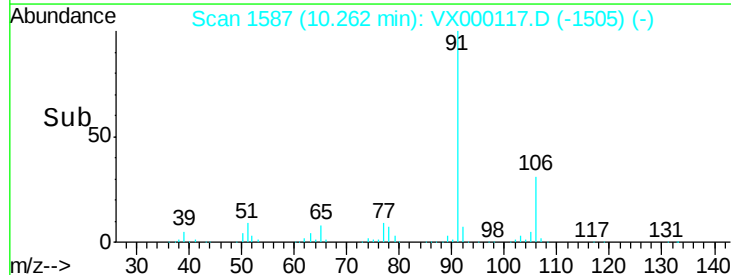
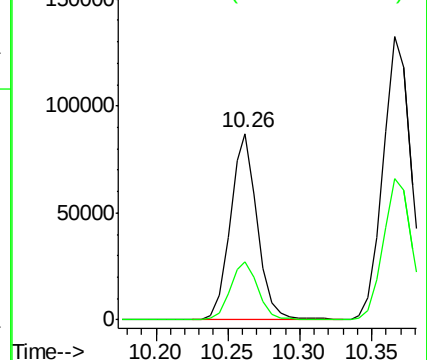
91 100

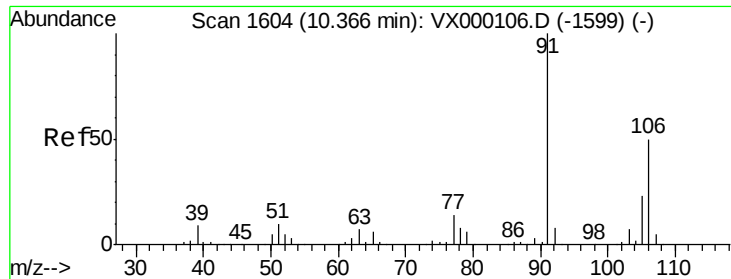
106 31.4 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

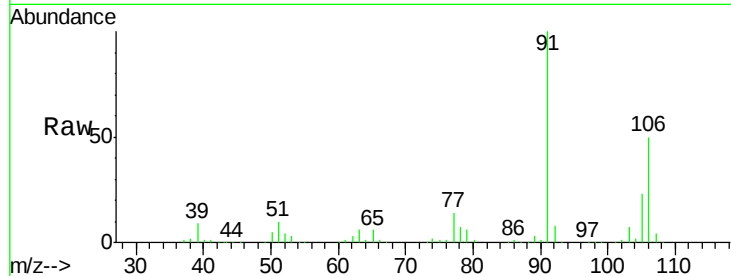




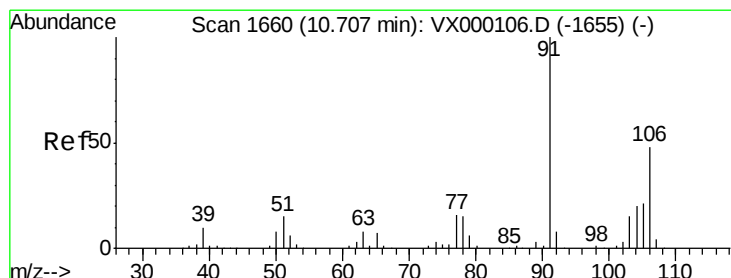
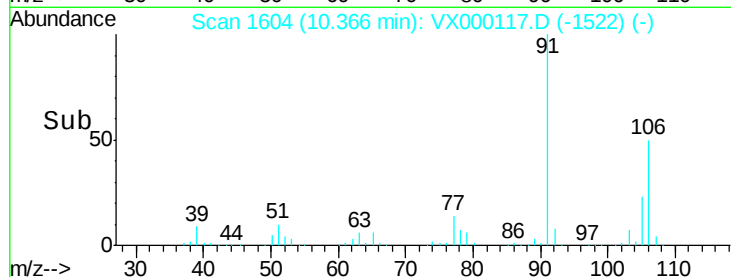
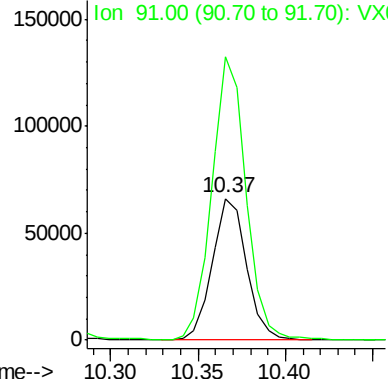
#67
m/p-Xylenes
Concen: 41.33 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion:106 Resp: 89939
Ion Ratio Lower Upper
106 100
91 200.1 161.6 242.4

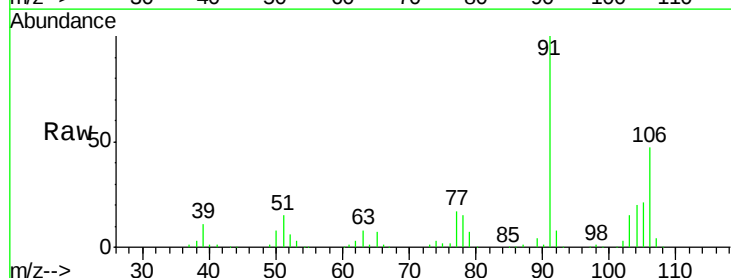


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

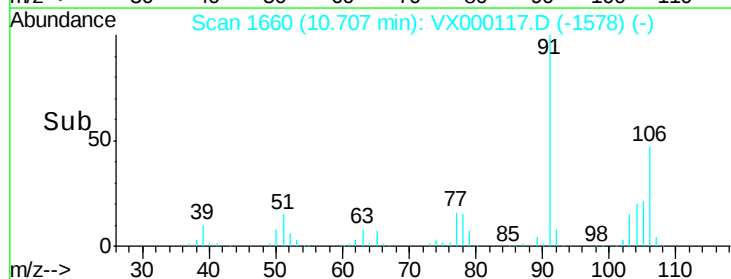
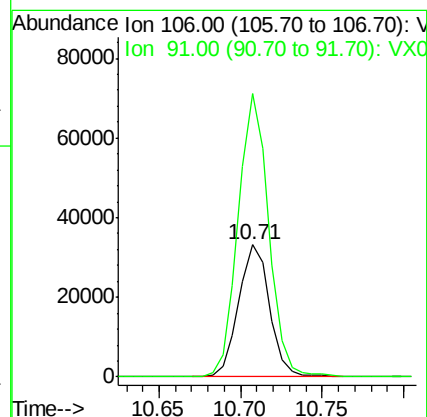


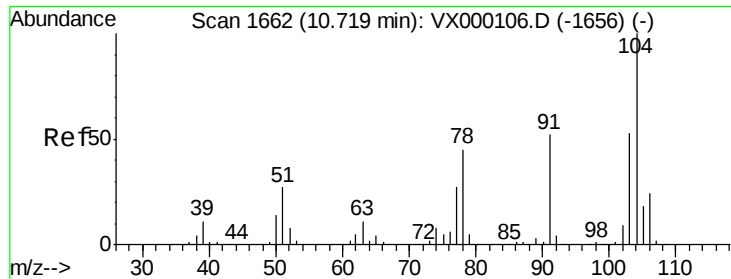
#68
o-Xylene
Concen: 20.76 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion:106 Resp: 43878
Ion Ratio Lower Upper
106 100
91 211.6 105.6 316.8



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

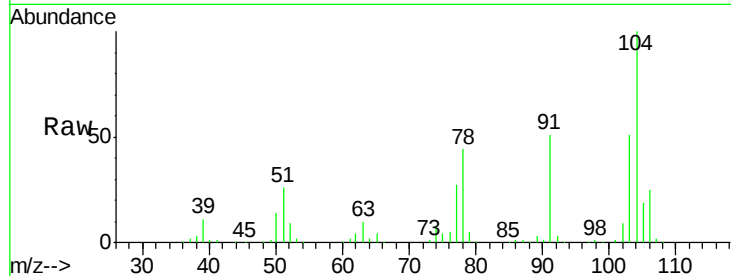




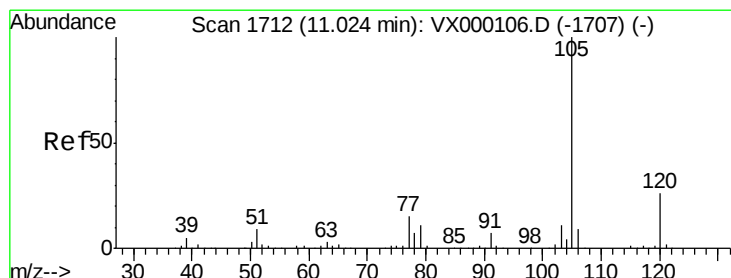
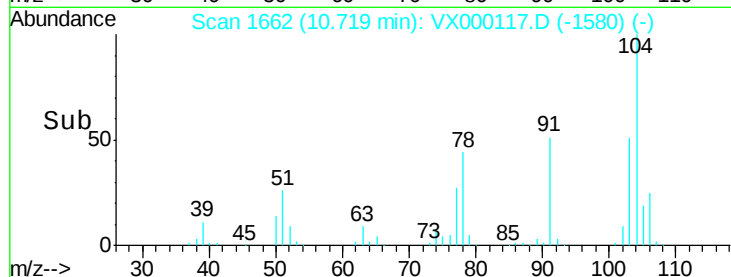
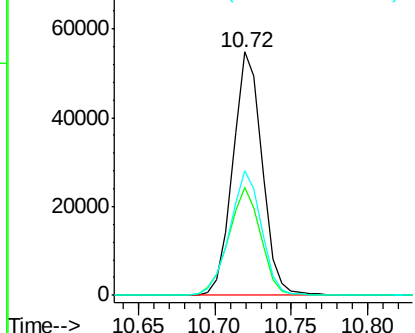
#69
Styrene
Concen: 20.83 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

Tgt Ion:104 Resp: 72925
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 55.5 44.7 67.1

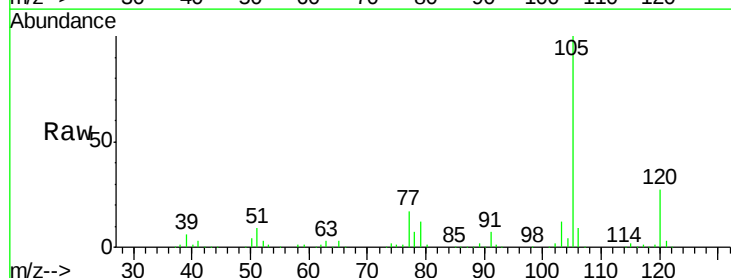


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

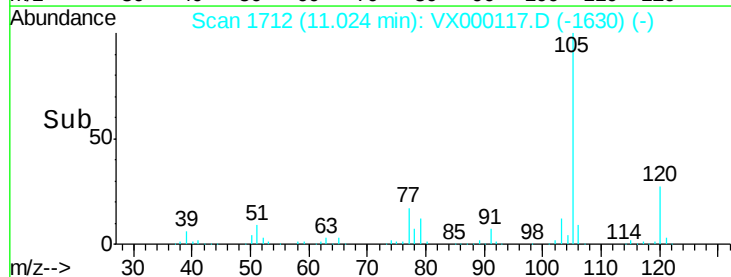
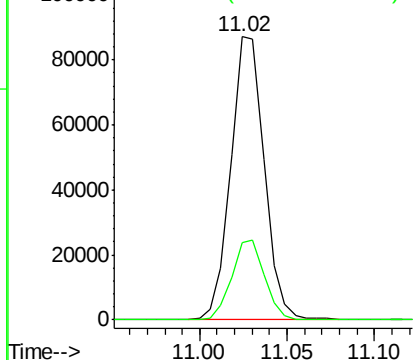


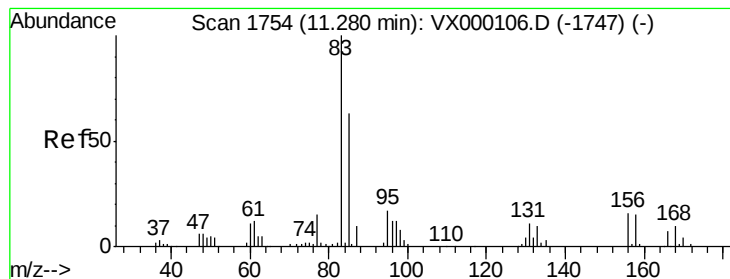
#70
Isopropylbenzene
Concen: 20.38 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion:105 Resp: 116453
Ion Ratio Lower Upper
105 100
120 27.1 18.8 35.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 20.98 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

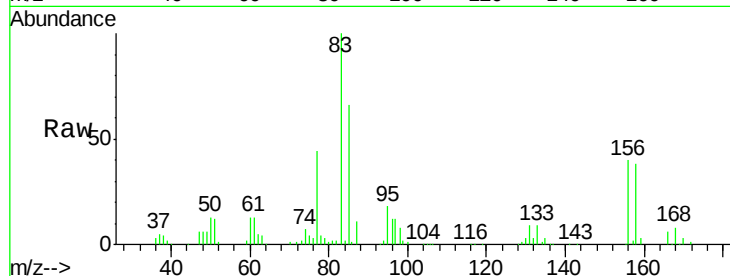
Tgt Ion: 83 Resp: 41249

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

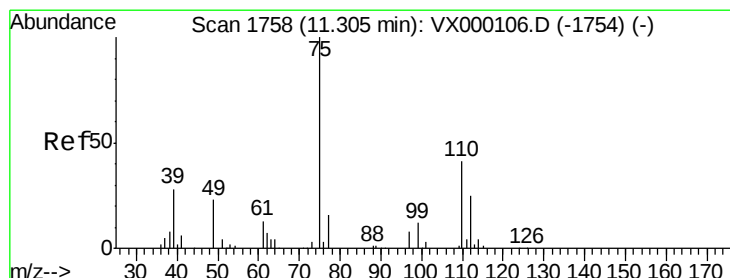
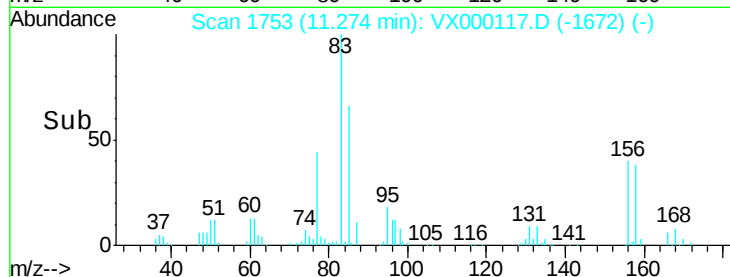
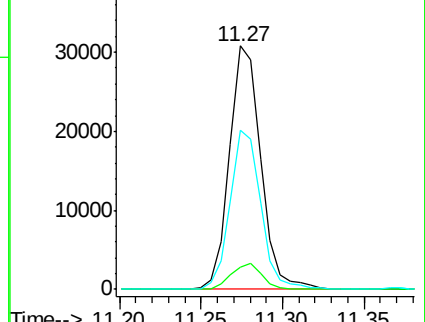
85 64.2 32.5 97.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 27.21 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000117.D

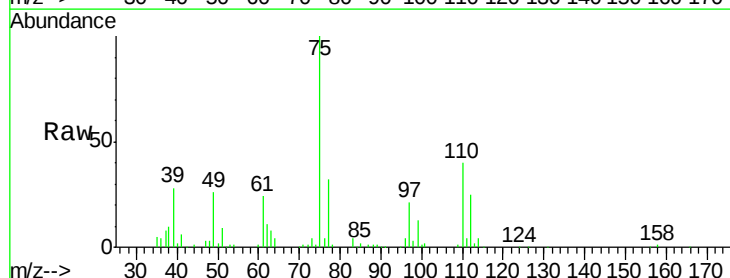
Acq: 20 Feb 2018 19:37

Tgt Ion: 75 Resp: 47979

Ion Ratio Lower Upper

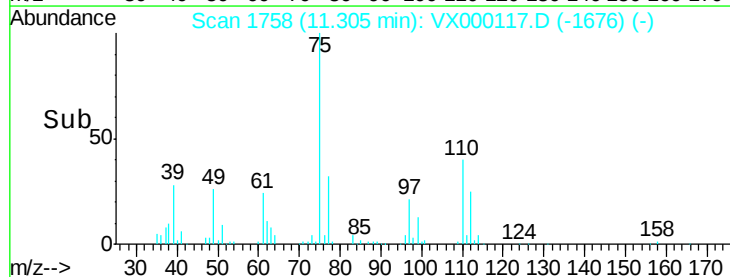
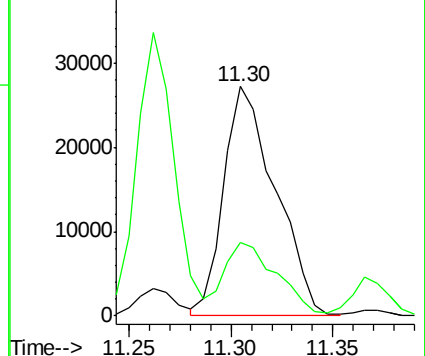
75 100

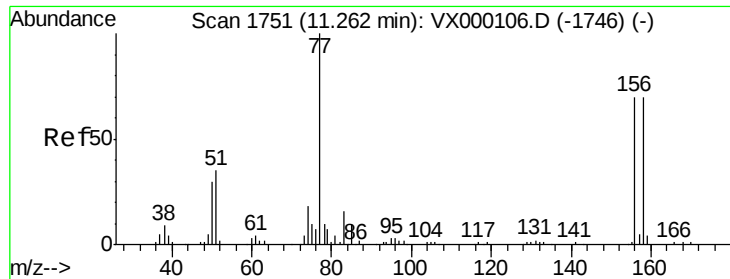
77 32.9 0.0 85.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.10 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

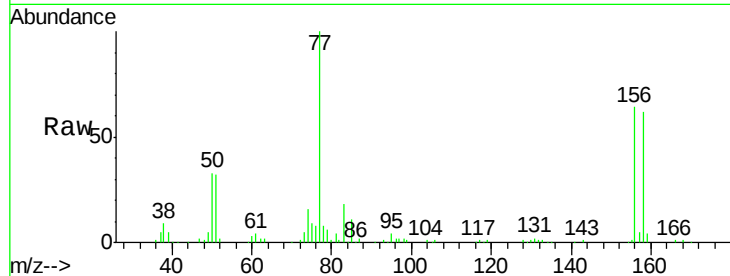
Tgt Ion:156 Resp: 30101

Ion Ratio Lower Upper

156 100

77 142.7 0.0 280.2

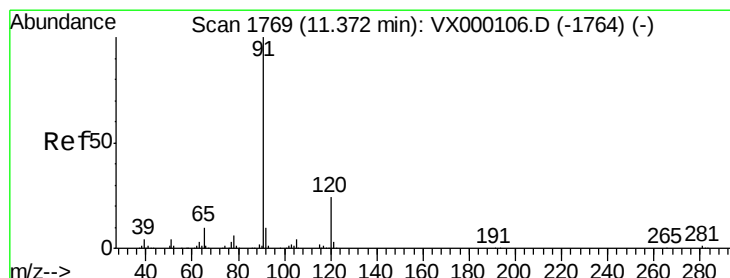
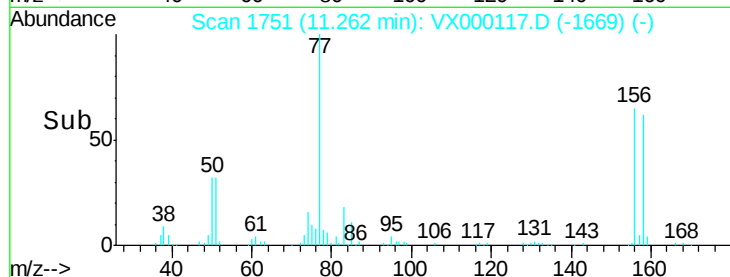
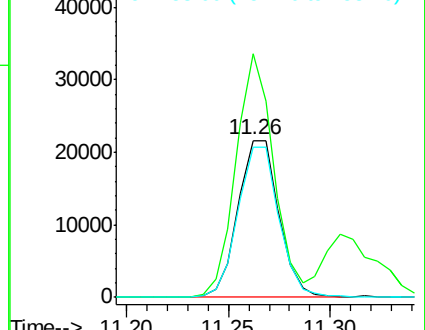
158 96.9 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.51 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.00 min

Lab File: VX000117.D

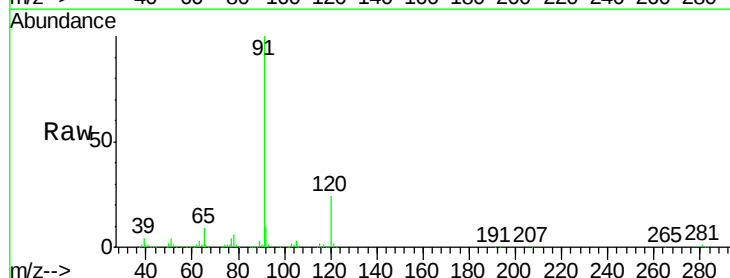
Acq: 20 Feb 2018 19:37

Tgt Ion: 91 Resp: 137323

Ion Ratio Lower Upper

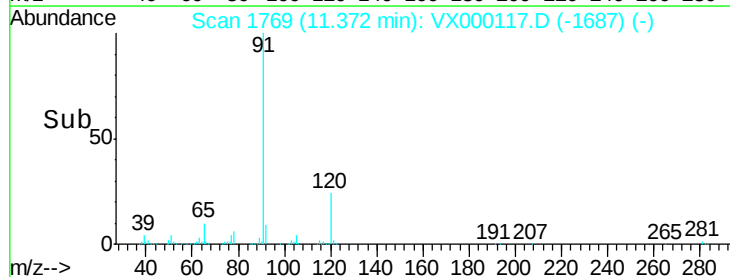
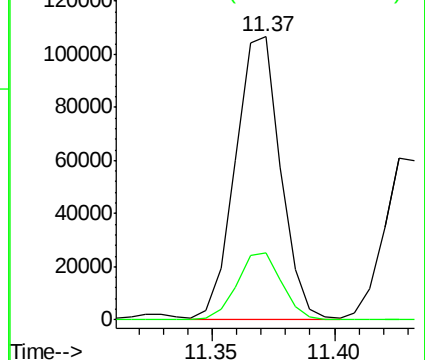
91 100

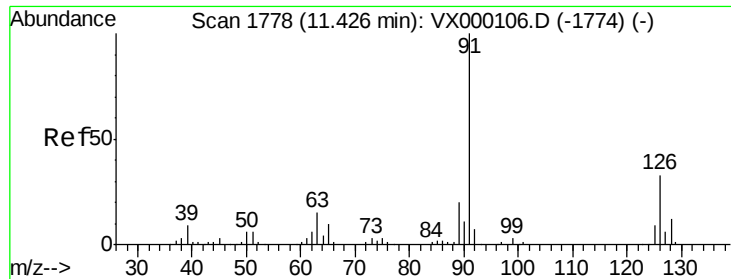
120 23.6 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.73 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

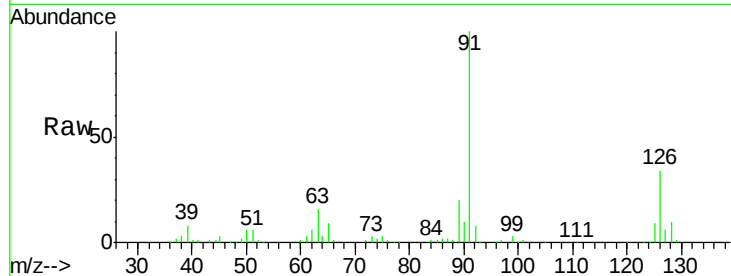
VX0220WBSD01

Tgt Ion: 91 Resp: 79813

Ion Ratio Lower Upper

91 100

126 36.1 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX000106.D (-1774) (-)

Ion 126.00 (125.70 to 126.70): VX000106.D (-1774) (-)

120000

100000

80000

60000

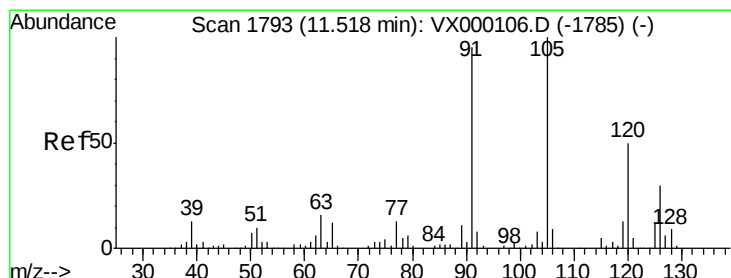
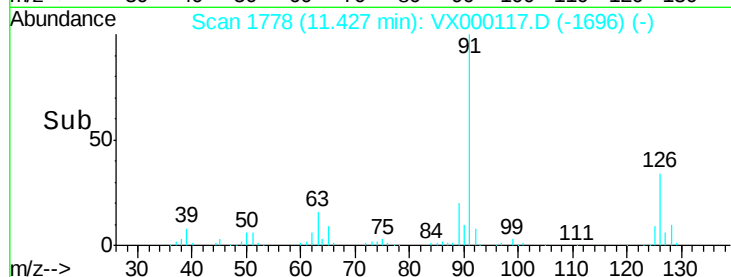
40000

20000

0

11.40 11.43 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.99 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000117.D

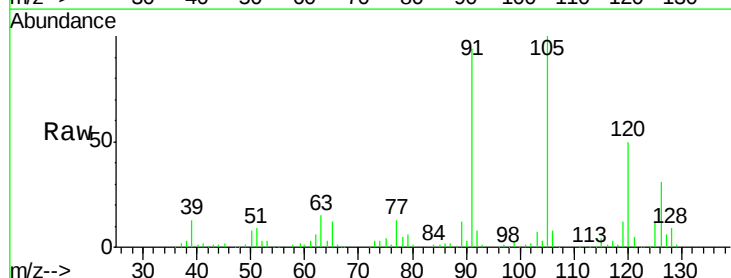
Acq: 20 Feb 2018 19:37

Tgt Ion: 105 Resp: 101609

Ion Ratio Lower Upper

105 100

120 48.3 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX000106.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX000106.D (-1785) (-)

80000

60000

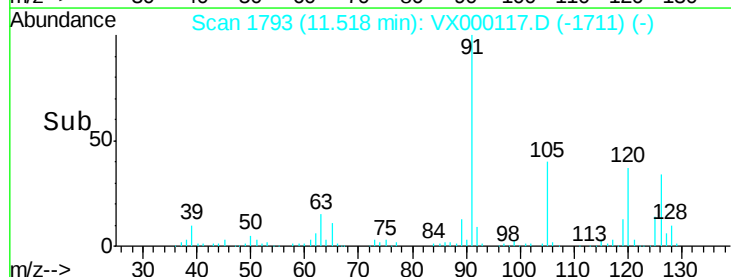
40000

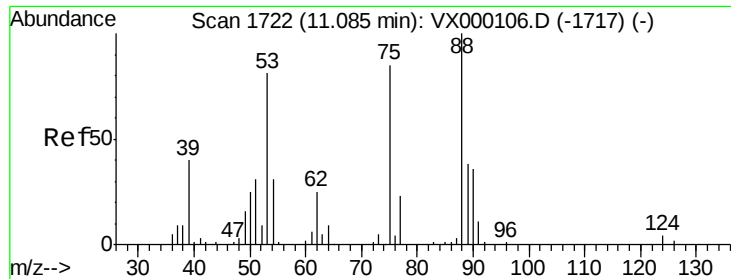
20000

0

11.45 11.50 11.55 11.60

Time-->

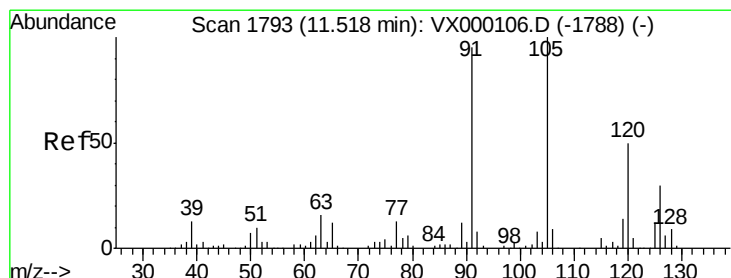
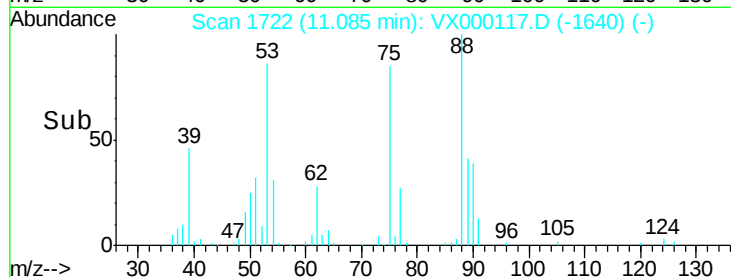
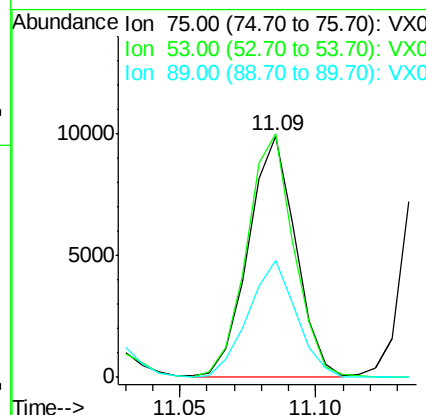
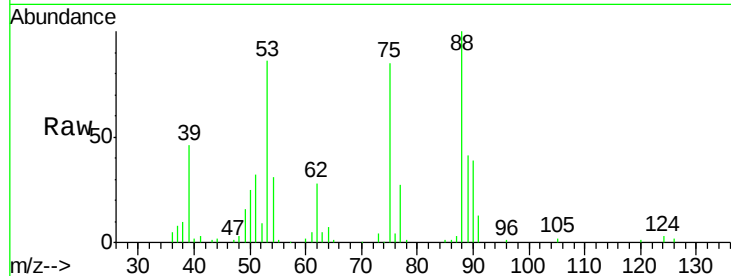




#77
t-1,4-Dichloro-2-butene
Concen: 19.20 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

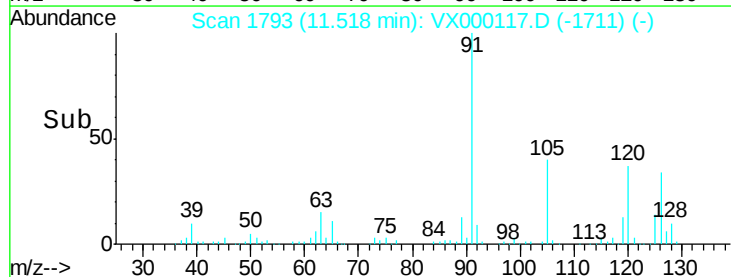
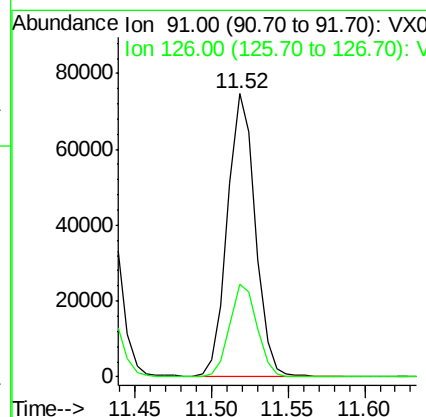
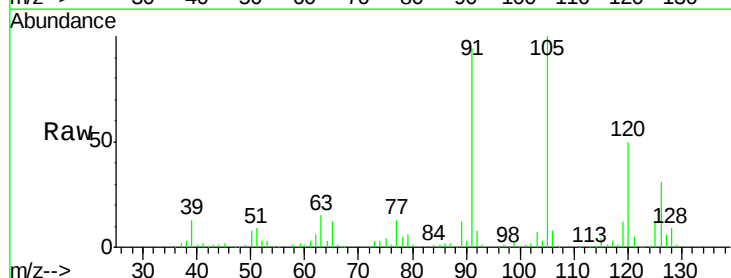
Instrument :
MSVOA_X
ClientSampled :
VX0220WBSD01

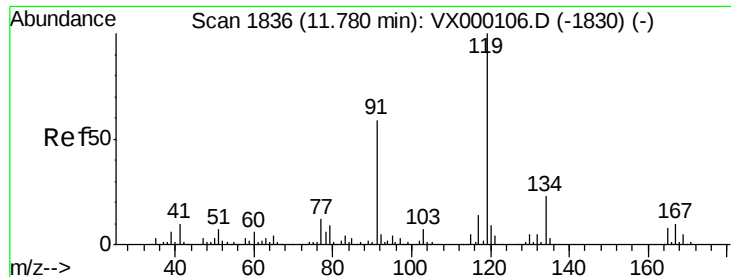
Tgt Ion: 75 Resp: 11972
Ion Ratio Lower Upper
75 100
53 101.5 47.8 143.3
89 48.9 22.3 66.8



#78
4-Chlorotoluene
Concen: 20.49 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 91 Resp: 94485
Ion Ratio Lower Upper
91 100
126 32.3 0.0 63.4

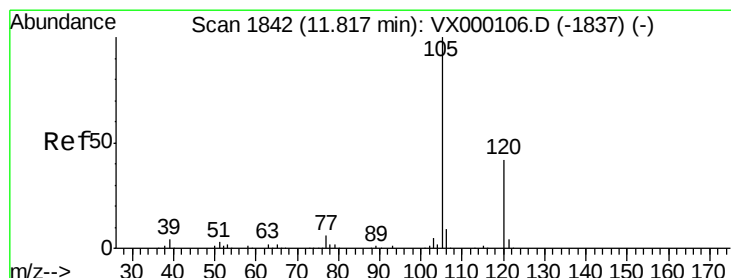
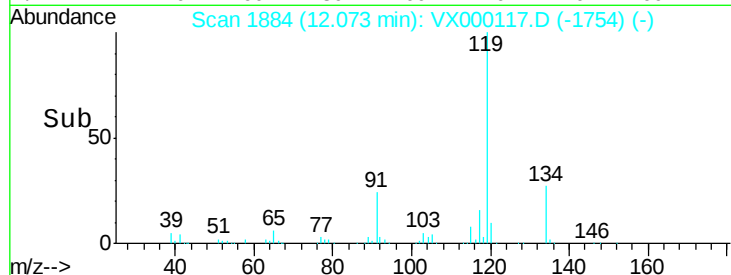
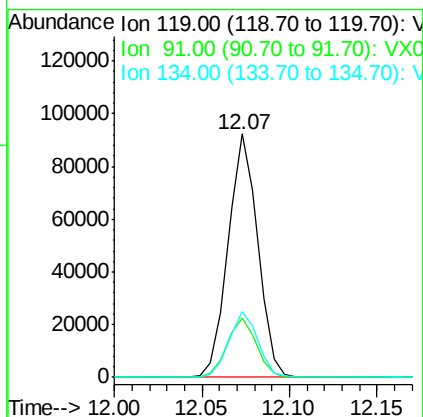
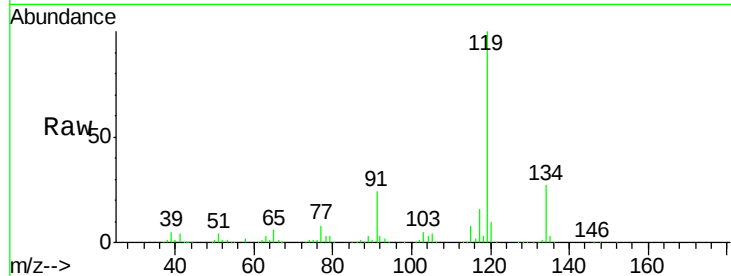




#79
tert-butylbenzene
Concen: 22.63 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.29 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

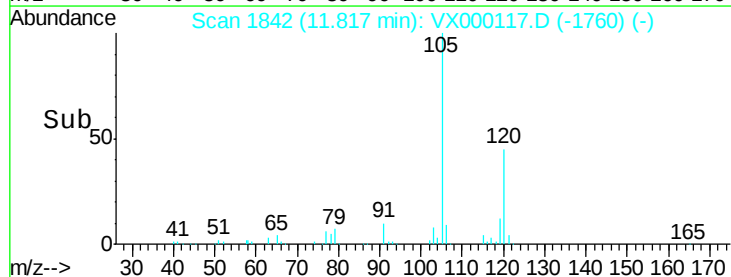
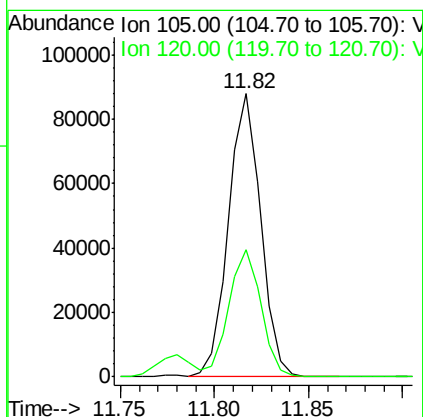
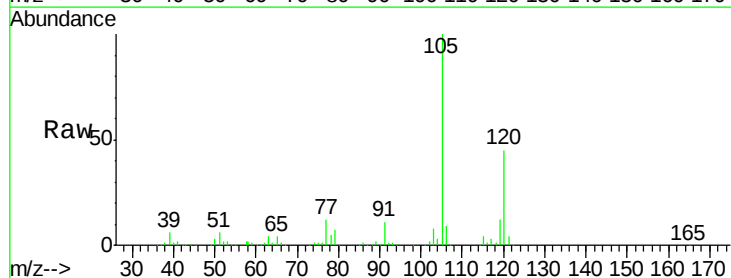
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

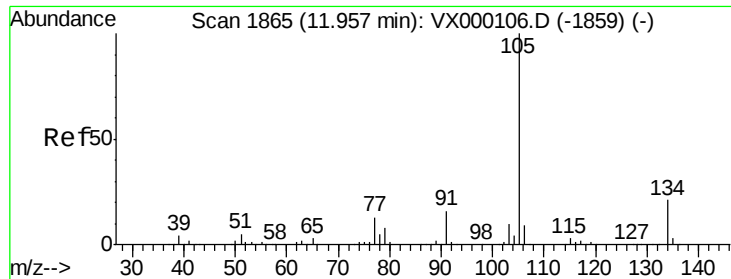
Tgt Ion:119 Resp: 109066
Ion Ratio Lower Upper
119 100
91 24.2 0.0 51.6
134 26.6 0.0 60.2



#80
1,2,4-Trimethylbenzene
Concen: 21.14 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion:105 Resp: 104413
Ion Ratio Lower Upper
105 100
120 45.1 0.0 93.0

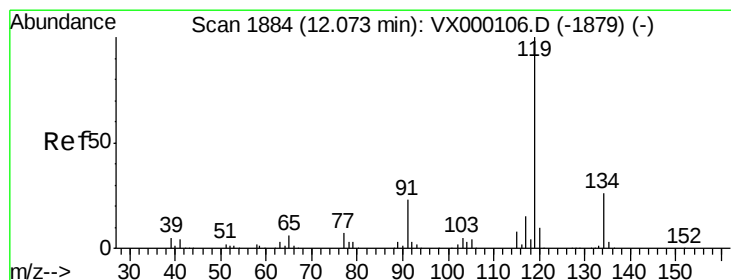
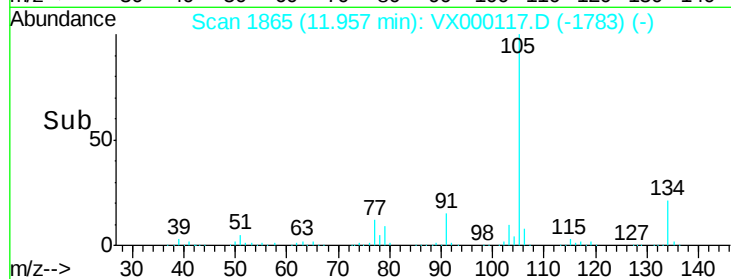
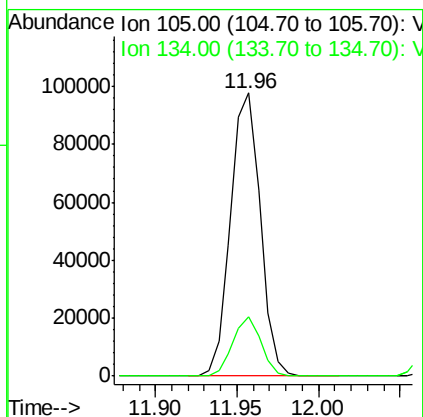
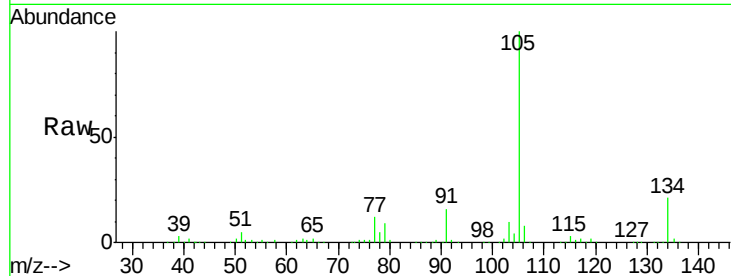




#81
 sec-Butylbenzene
 Concen: 20.81 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

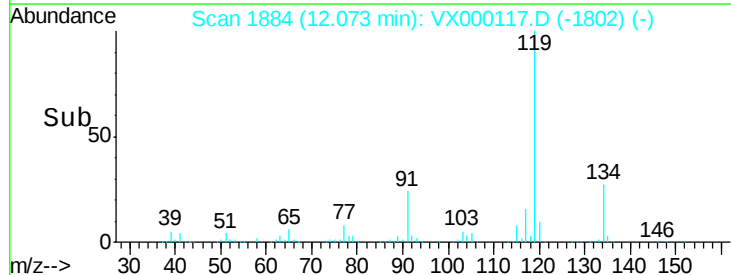
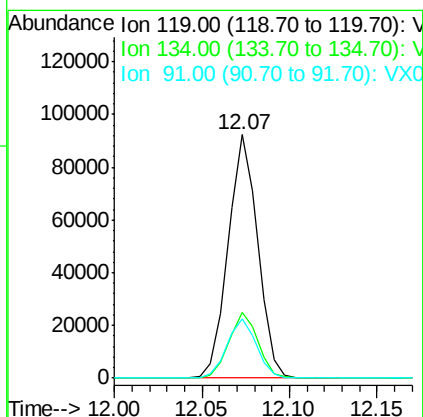
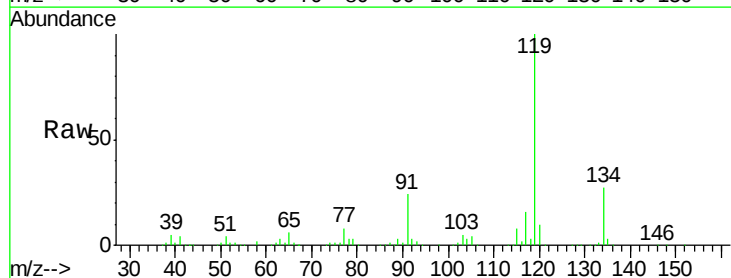
Instrument :
 MSVOA_X
 ClientSampled :
 VX0220WBSD01

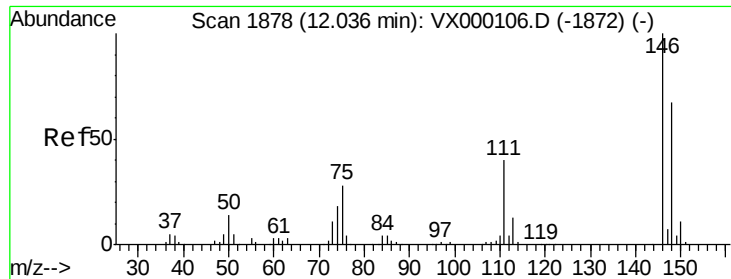
Tgt Ion:105 Resp: 123984
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 20.52 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion:119 Resp: 109066
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 54.4
 91 24.2 0.0 46.6

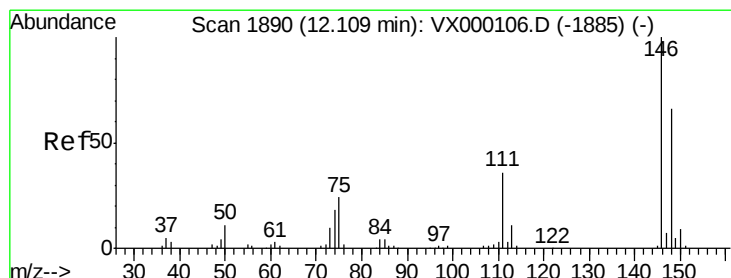
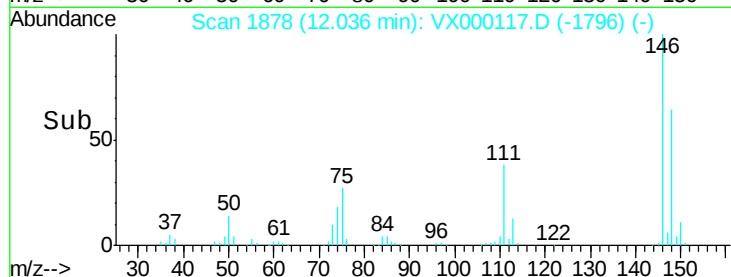
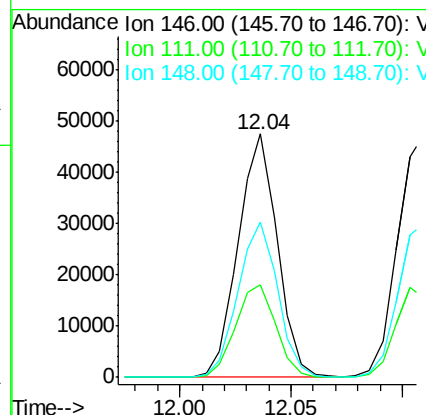
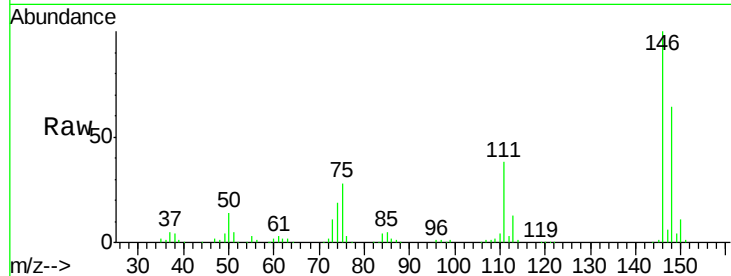




#83
 1,3-Dichlorobenzene
 Concen: 20.39 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

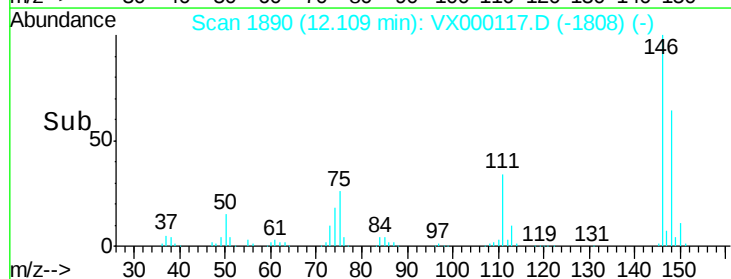
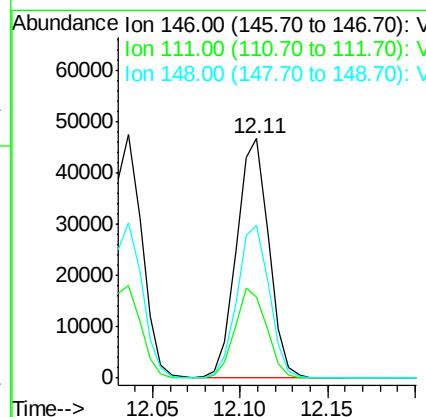
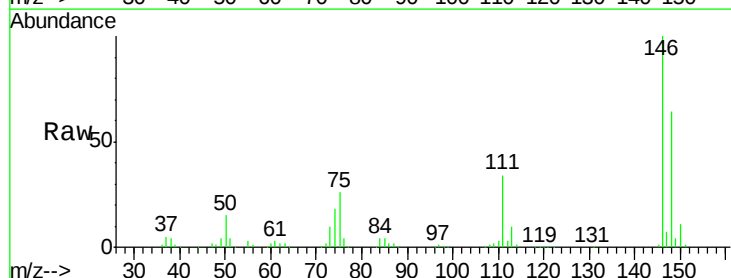
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

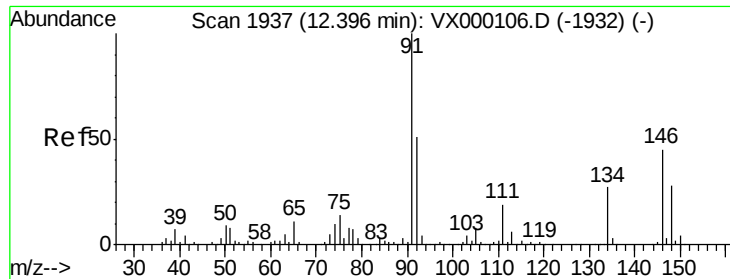
Tgt Ion:146 Resp: 58138
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.4 58.2
 148 64.6 32.6 97.7



#84
 1,4-Dichlorobenzene
 Concen: 20.17 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion:146 Resp: 59938
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.0
 148 63.8 31.9 95.7

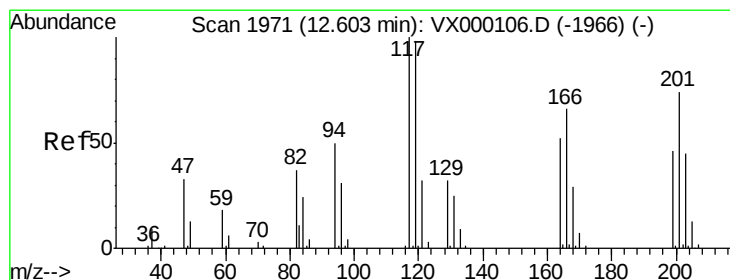
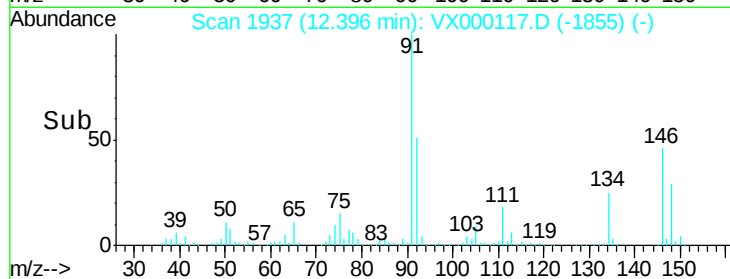
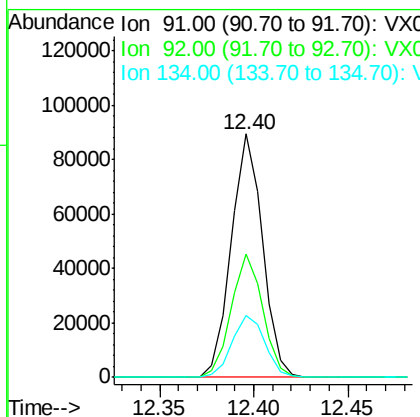
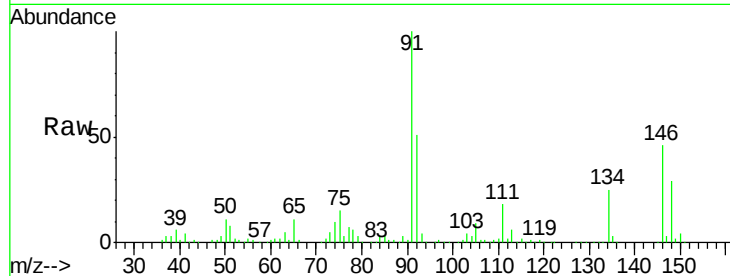




#85
n-Butylbenzene
Concen: 20.63 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

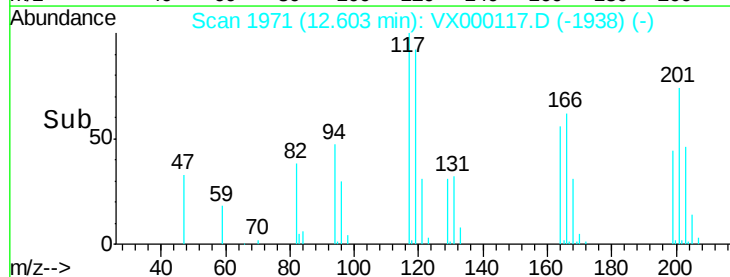
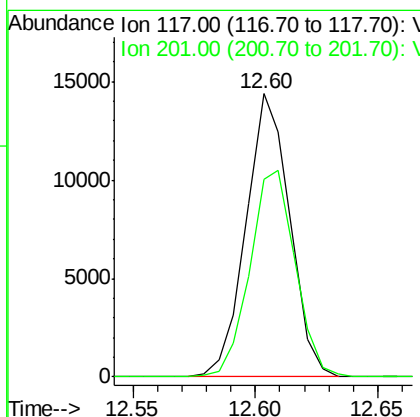
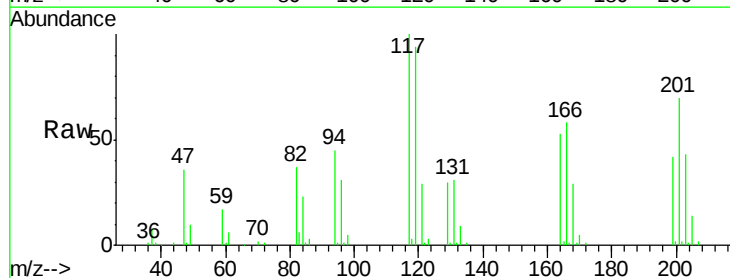
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBSD01

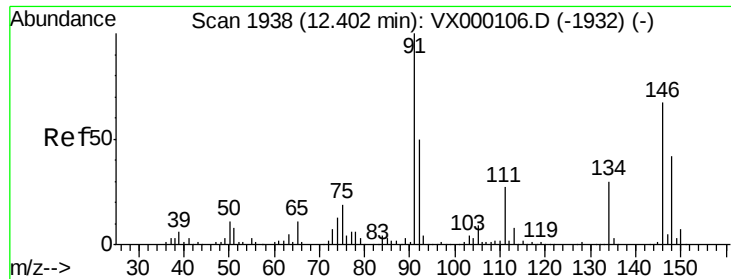
Tgt Ion: 91 Resp: 102826
Ion Ratio Lower Upper
91 100
92 51.2 0.0 102.0
134 26.6 0.0 54.2



#86
Hexachloroethane
Concen: 20.19 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000117.D
Acq: 20 Feb 2018 19:37

Tgt Ion: 117 Resp: 17919
Ion Ratio Lower Upper
117 100
201 75.9 38.9 116.6

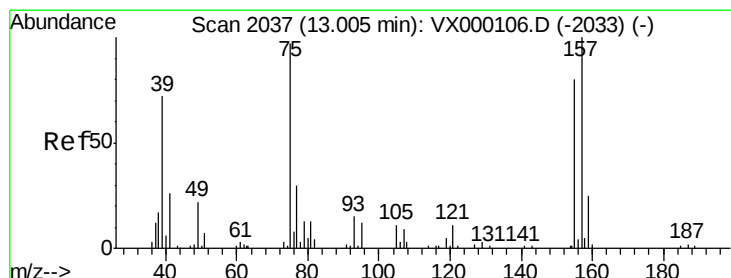
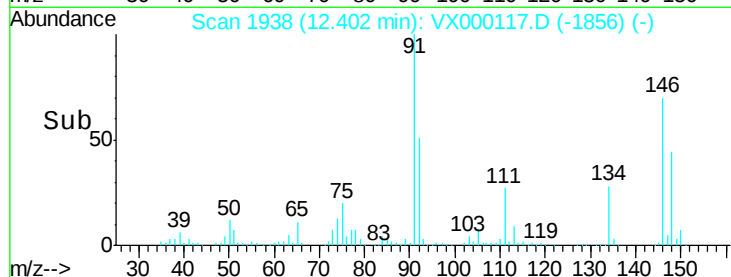
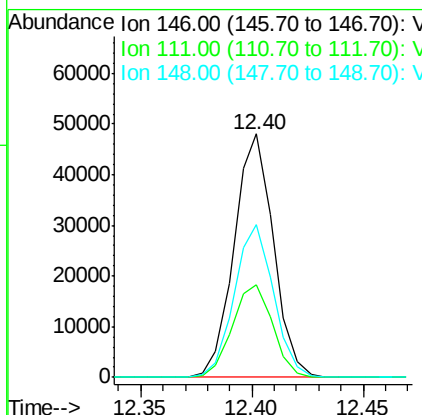
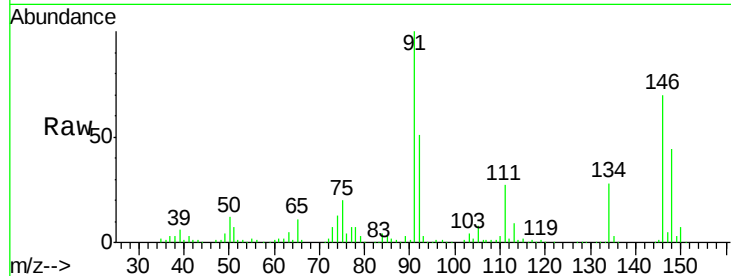




#87
 1,2-Dichlorobenzene
 Concen: 20.88 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

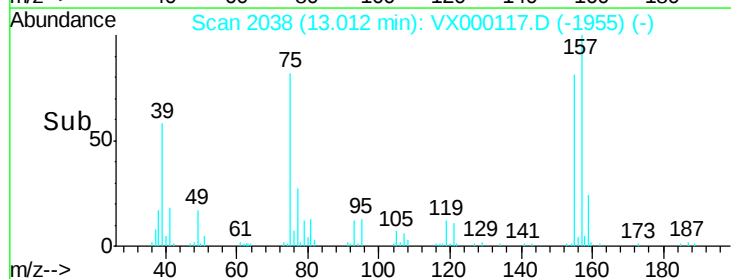
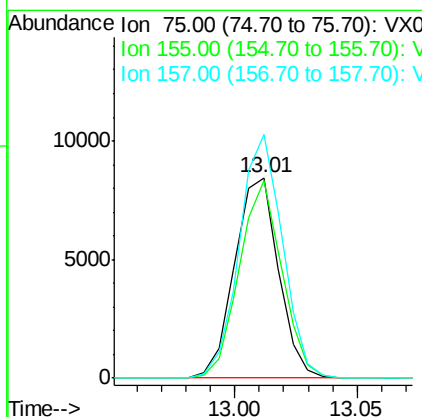
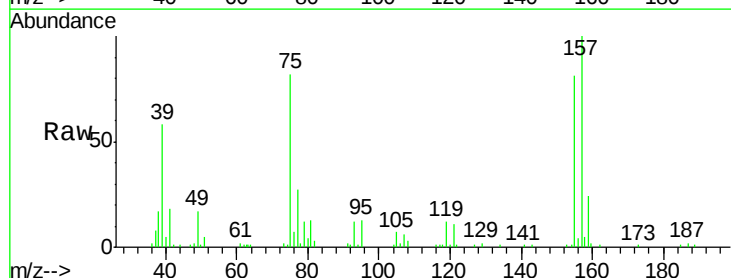
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

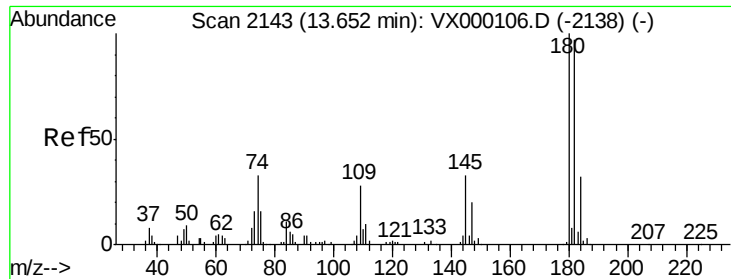
Tgt Ion: 146 Resp: 58991
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 60.0
 148 62.7 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.27 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion: 75 Resp: 10594
 Ion Ratio Lower Upper
 75 100
 155 95.5 75.1 112.7
 157 119.0 99.0 148.4

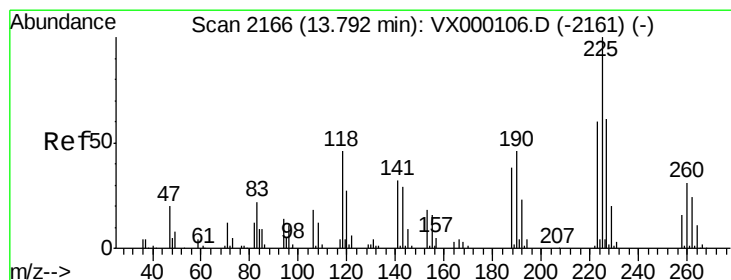
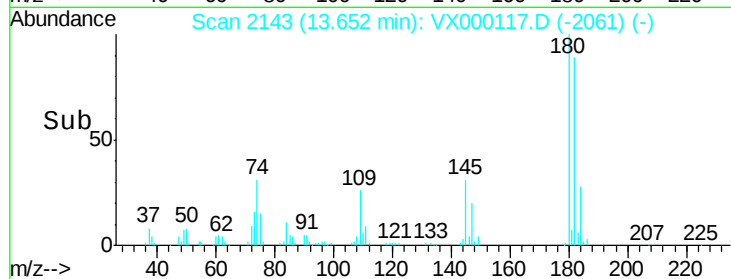
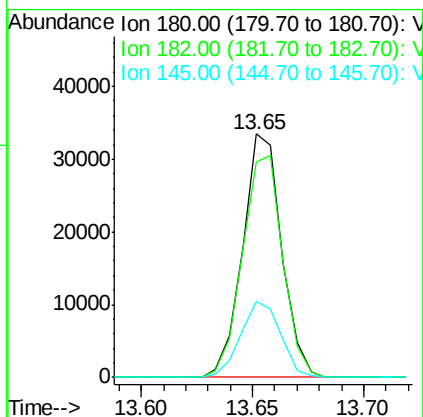
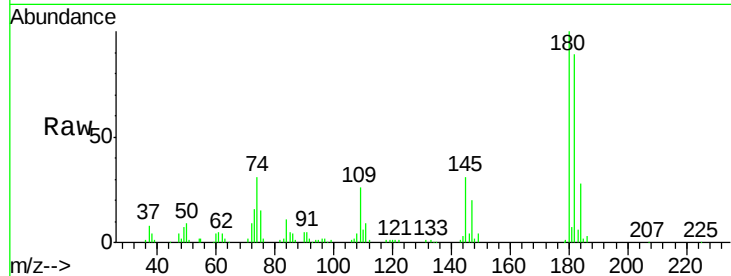




#89
 1,2,4-Trichlorobenzene
 Concen: 19.71 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

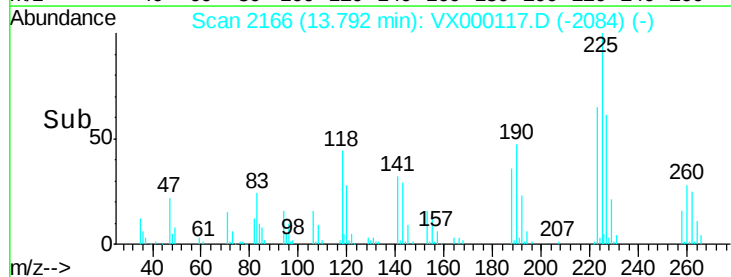
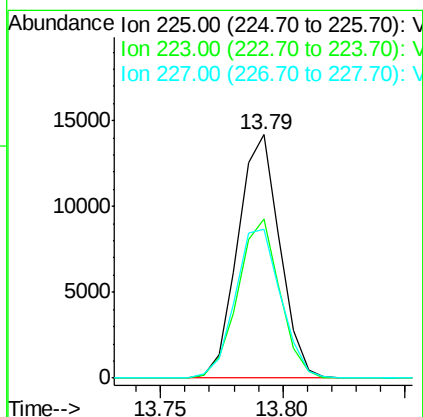
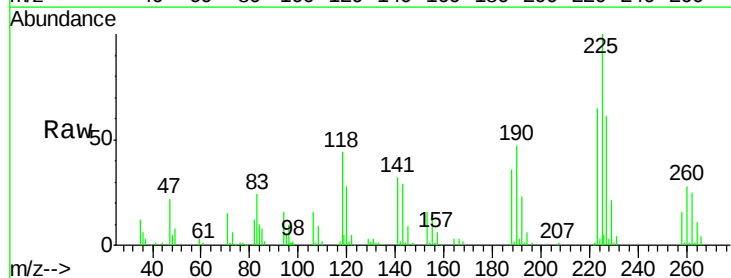
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBSD01

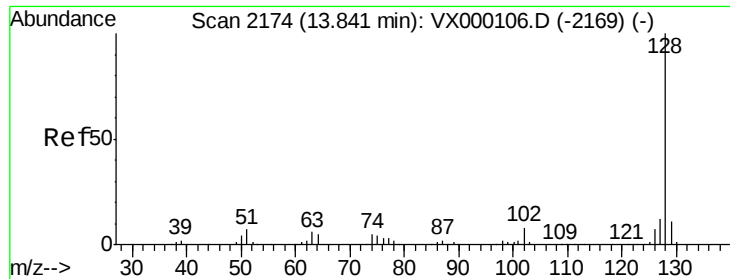
Tgt Ion:180 Resp: 40899
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.3 114.5
 145 31.9 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 18.97 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000117.D
 Acq: 20 Feb 2018 19:37

Tgt Ion:225 Resp: 16960
 Ion Ratio Lower Upper
 225 100
 223 65.1 0.0 131.2
 227 66.2 0.0 127.6





#91

Naphthalene

Concen: 20.39 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBSD01

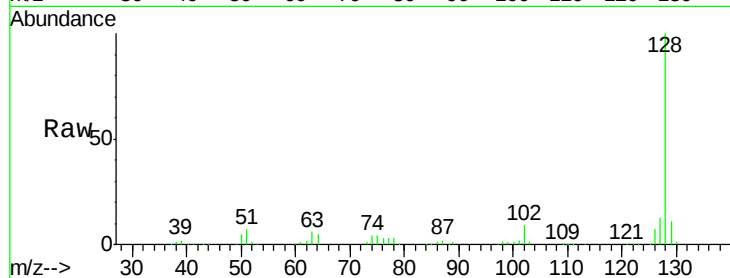
Tgt Ion:128 Resp: 147911

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

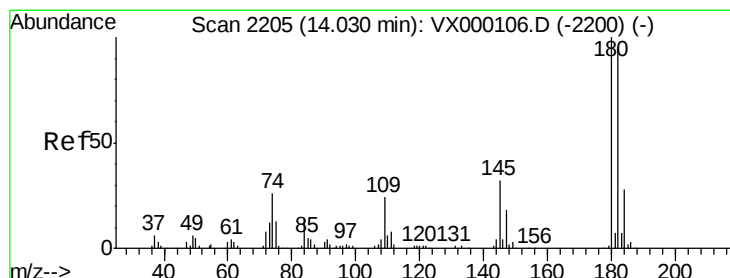
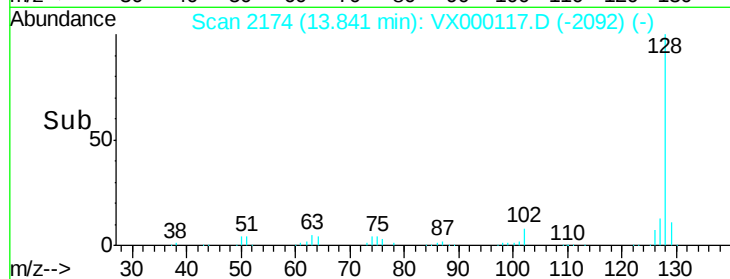
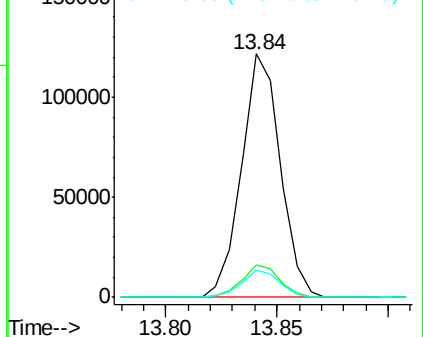
129 11.1 9.0 13.6



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



#92

1,2,3-Trichlorobenzene

Concen: 20.00 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000117.D

Acq: 20 Feb 2018 19:37

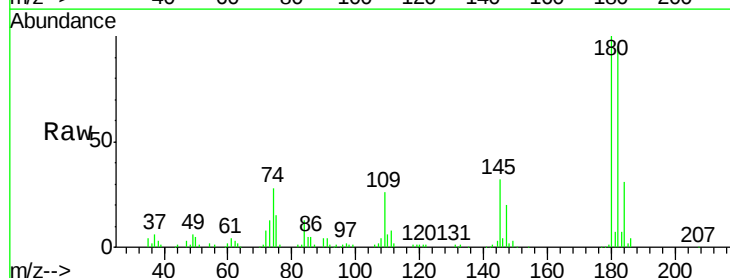
Tgt Ion:180 Resp: 41737

Ion Ratio Lower Upper

180 100

182 94.9 0.0 188.6

145 31.3 0.0 65.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

