

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
 Data File : VX001052.D
 Acq On : 23 Apr 2018 12:29
 Operator : JC/MD
 Sample : VX0423WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Quant Time: Apr 24 06:59:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	308430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204683	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139602	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	5.51	113	113814	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.72	98	410827	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.14	95	170967	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	59146	21.03	ug/l	98
3) Chloromethane	1.32	50	50138	19.15	ug/l	99
4) Vinyl Chloride	1.41	62	53180	19.60	ug/l	99
5) Bromomethane	1.65	94	35289	20.33	ug/l	99
6) Chloroethane	1.73	64	31906	19.79	ug/l	100
7) Trichlorofluoromethane	1.93	101	81529	20.00	ug/l	98
8) Diethyl Ether	2.19	74	29482	19.58	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46686	19.54	ug/l	99
10) Methyl Iodide	2.51	142	28759	17.95	ug/l	99
11) Tert butyl alcohol	3.07	59	46660	107.65	ug/l	97
12) 1,1-Dichloroethene	2.38	96	44550	20.17	ug/l	94
13) Acrolein	2.30	56	19279	147.46	ug/l	100
14) Allyl chloride	2.73	41	79872	19.98	ug/l	99
15) Acrylonitrile	3.15	53	115305	98.30	ug/l	99
16) Acetone	2.45	43	117243	108.34	ug/l	99
17) Carbon Disulfide	2.57	76	113753	18.07	ug/l	99
18) Methyl Acetate	2.78	43	71118	21.72	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	148399	19.98	ug/l	99
20) Methylene Chloride	2.86	84	47869	20.07	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	46894	19.07	ug/l	98
22) Diisopropyl ether	3.88	45	154661	19.99	ug/l	99
23) Vinyl Acetate	3.83	43	633126	98.82	ug/l	99
24) 1,1-Dichloroethane	3.70	63	85007	19.58	ug/l	99
25) 2-Butanone	4.71	43	172007	101.82	ug/l	99
26) 2,2-Dichloropropane	4.59	77	75344	20.18	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	54270	19.81	ug/l	99
28) Bromochloromethane	5.03	49	35008	20.97	ug/l	97
29) Tetrahydrofuran	5.17	42	105179	98.52	ug/l	100
30) Chloroform	5.23	83	89050	19.81	ug/l	96
31) Cyclohexane	5.59	56	77612	19.16	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	80566	19.99	ug/l	98
36) 1,1-Dichloropropene	5.81	75	67508	18.63	ug/l	99
37) Ethyl Acetate	4.87	43	64896	19.52	ug/l	100
38) Carbon Tetrachloride	5.79	117	70559	19.23	ug/l	98

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 Acq On : 23 Apr 2018 12:29
 Operator : JC/MD
 Sample : VX0423WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Quant Time: Apr 24 06:59:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79275	18.79	ug/l	97
40) Benzene	6.15	78	193663	19.22	ug/l	100
41) Methacrylonitrile	5.07	41	39272	18.92	ug/l	100
42) 1,2-Dichloroethane	6.21	62	76127	19.68	ug/l	99
43) Isopropyl Acetate	6.47	43	111049	19.47	ug/l	99
44) Trichloroethene	7.22	130	58703	19.07	ug/l	99
45) 1,2-Dichloropropane	7.52	63	50522	19.94	ug/l	99
46) Dibromomethane	7.67	93	34383	19.42	ug/l	100
47) Bromodichloromethane	7.90	83	64931	19.80	ug/l	98
48) Methyl methacrylate	7.79	41	59343	19.32	ug/l	98
49) 1,4-Dioxane	7.76	88	19677	435.67	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	347944	100.47	ug/l	99
52) Toluene	8.79	92	128396	19.52	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	77535	19.77	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74298	20.09	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	50478	19.31	ug/l	97
56) Ethyl methacrylate	9.19	69	74965	19.52	ug/l	99
57) 1,3-Dichloropropane	9.38	76	83465	19.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	182522	97.40	ug/l	99
59) 2-Hexanone	9.50	43	270442	102.02	ug/l	98
60) Dibromochloromethane	9.59	129	54026	19.68	ug/l	100
61) 1,2-Dibromoethane	9.68	107	54215	19.65	ug/l	99
64) Tetrachloroethene	9.34	164	60636	19.39	ug/l	98
65) Chlorobenzene	10.15	112	150405	19.18	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	53298	19.81	ug/l	99
67) Ethyl Benzene	10.26	91	251067	19.28	ug/l	99
68) m/p-Xylenes	10.37	106	195620	38.12	ug/l	97
69) o-Xylene	10.71	106	95117	19.23	ug/l	98
70) Styrene	10.72	104	156585	19.22	ug/l	99
71) Bromoform	10.86	173	42507	18.77	ug/l	99
73) Isopropylbenzene	11.02	105	260361	19.46	ug/l	99
74) N-amyl acetate	6.47	43	111049	19.40	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74132	19.57	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	83626	23.55	ug/l	87
77) Bromobenzene	11.26	156	73890	19.02	ug/l	98
78) n-propylbenzene	11.37	91	297909	19.39	ug/l	98
79) 2-Chlorotoluene	11.43	91	175981	19.39	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	219849	19.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18172	17.93	ug/l	92
82) 4-Chlorotoluene	11.52	91	210476	19.19	ug/l	99
83) tert-Butylbenzene	11.77	119	222939	19.48	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	226218	19.38	ug/l	100
85) sec-Butylbenzene	11.95	105	262070	19.19	ug/l	99
86) p-Isopropyltoluene	12.07	119	244019	19.31	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	139407	19.17	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	140376	18.81	ug/l	99
89) n-Butylbenzene	12.39	91	214836	19.11	ug/l	100
90) Hexachloroethane	12.60	117	34683	19.37	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	135900	19.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15901	20.04	ug/l	96

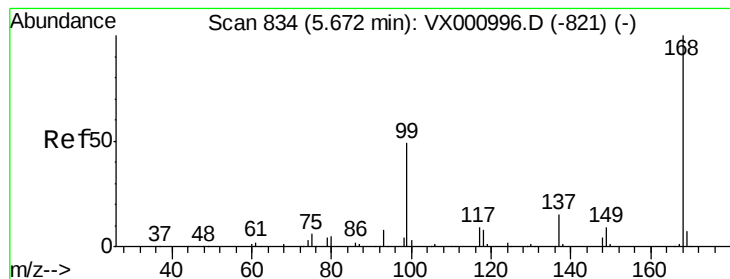
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
Data File : VX001052.D
Acq On : 23 Apr 2018 12:29
Operator : JC/MD
Sample : VX0423WBS01
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Quant Time: Apr 24 06:59:27 2018
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Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109736	18.57	ug/l	99
94) Hexachlorobutadiene	13.79	225	46299	17.32	ug/l	99
95) Naphthalene	13.84	128	283662	19.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107809	18.86	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

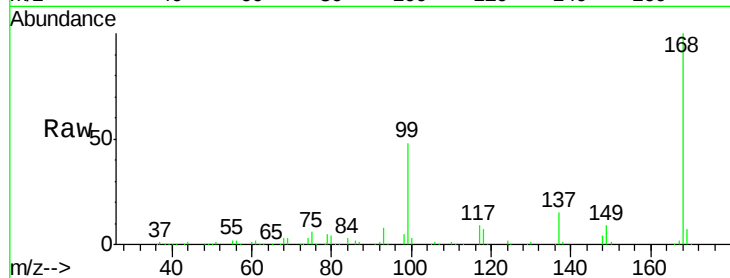
VX0423WBS01

Tgt Ion:168 Resp: 226722

Ion Ratio Lower Upper

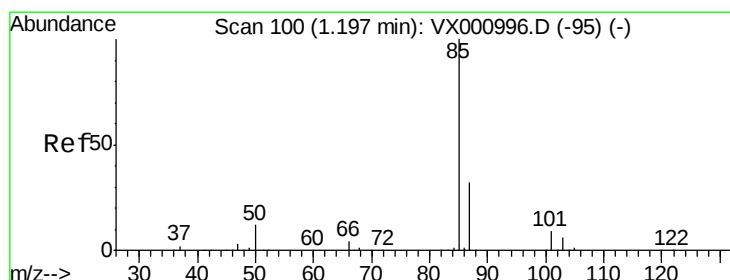
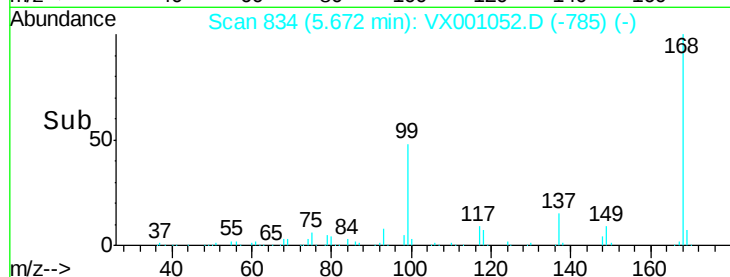
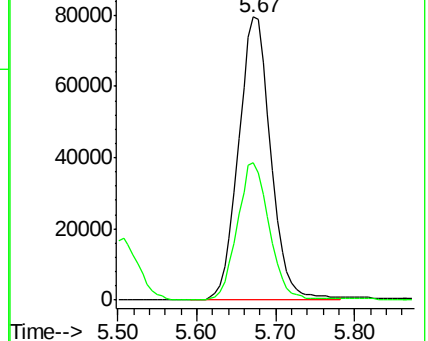
168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.03 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001052.D

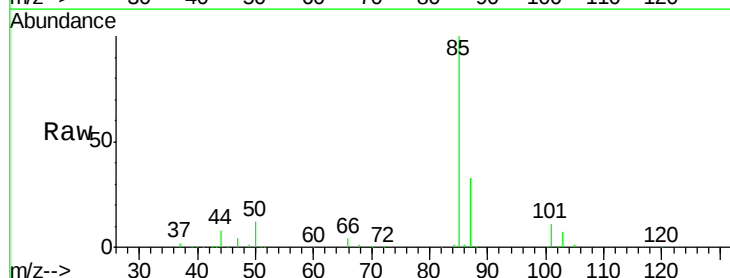
Acq: 23 Apr 2018 12:29

Tgt Ion: 85 Resp: 59146

Ion Ratio Lower Upper

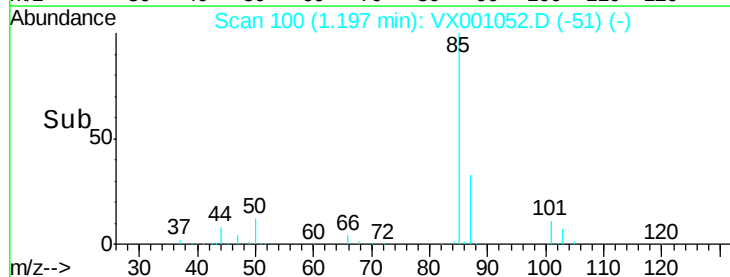
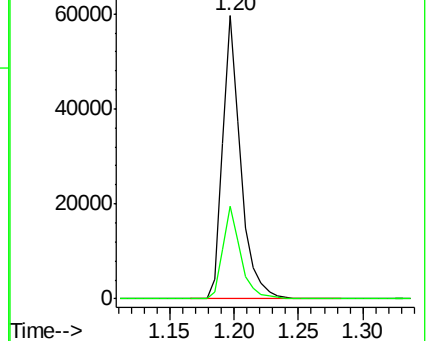
85 100

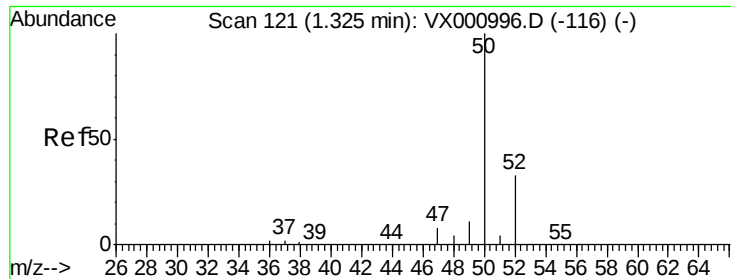
87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.15 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

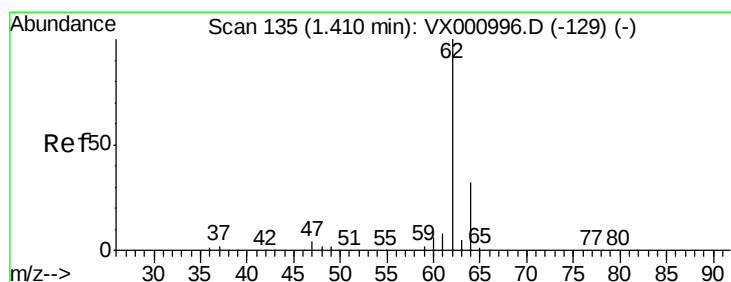
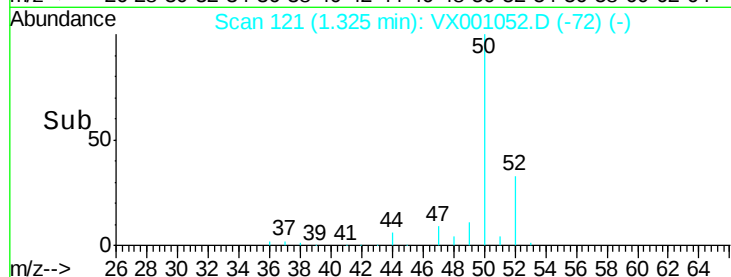
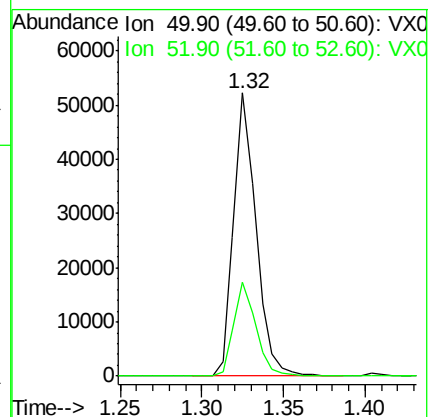
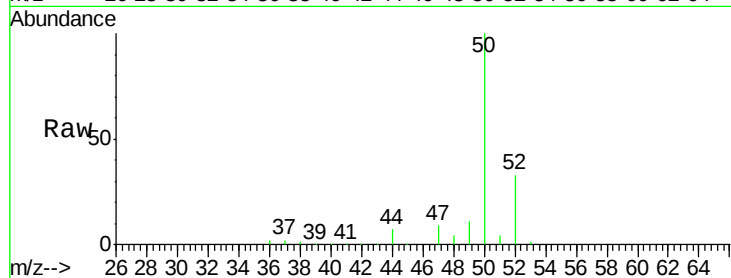
VX0423WBS01

Tgt Ion: 50 Resp: 50138

Ion Ratio Lower Upper

50 100

52 33.4 26.3 39.5



#4

Vinyl Chloride

Concen: 19.60 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001052.D

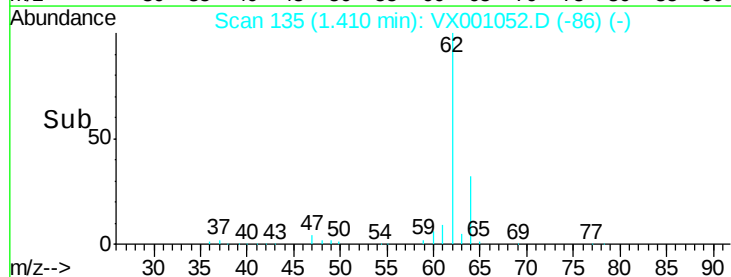
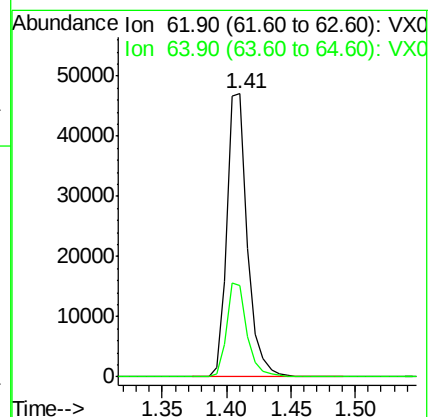
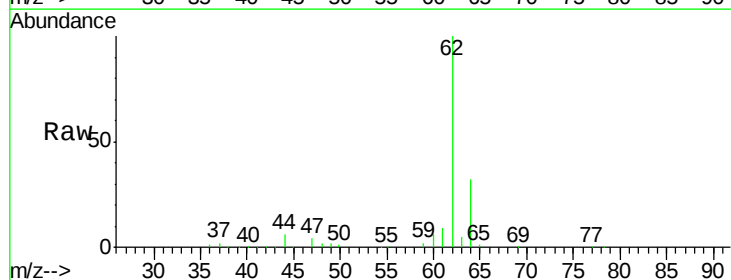
Acq: 23 Apr 2018 12:29

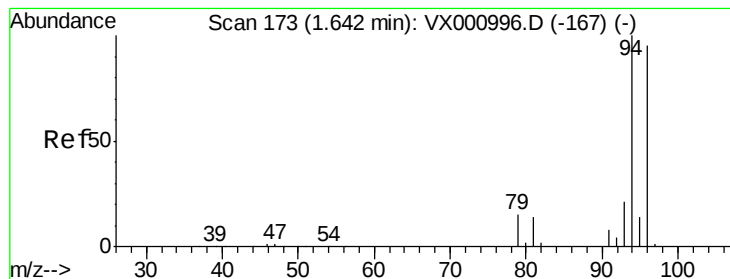
Tgt Ion: 62 Resp: 53180

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 20.33 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

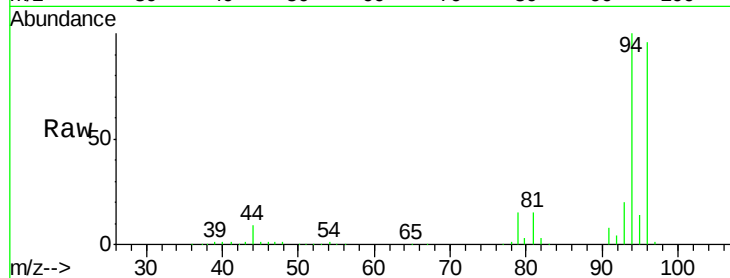
VX0423WBS01

Tgt Ion: 94 Resp: 35289

Ion Ratio Lower Upper

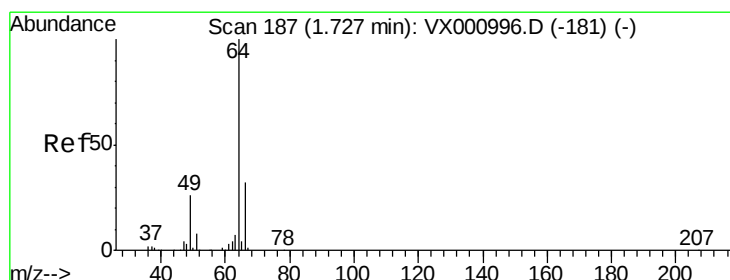
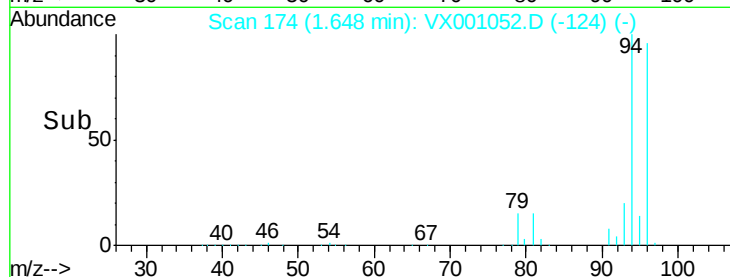
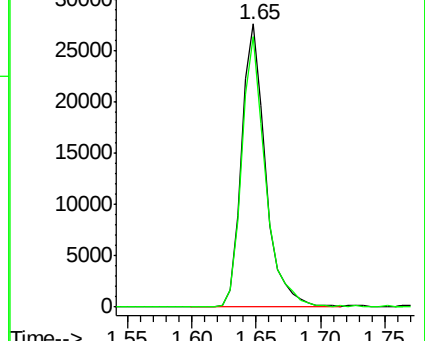
94 100

96 95.8 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.79 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001052.D

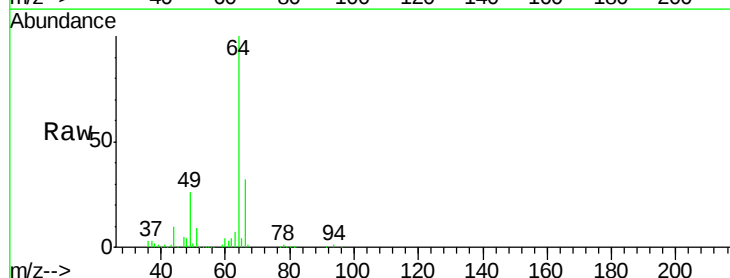
Acq: 23 Apr 2018 12:29

Tgt Ion: 64 Resp: 31906

Ion Ratio Lower Upper

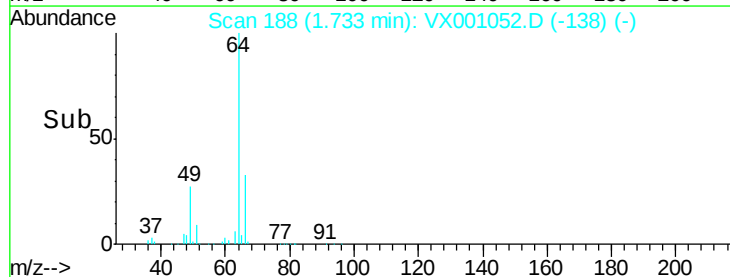
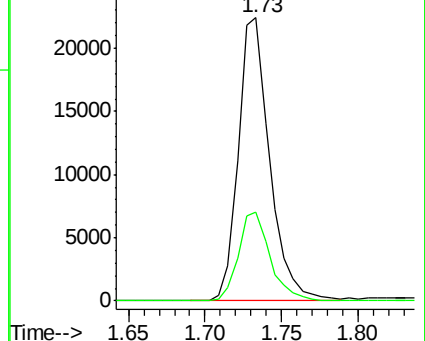
64 100

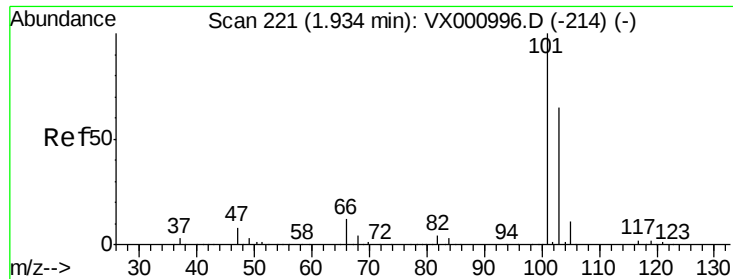
66 31.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



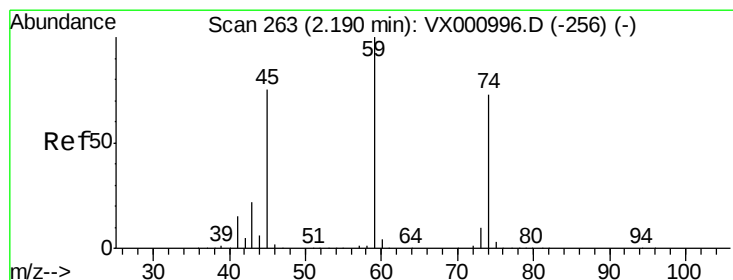
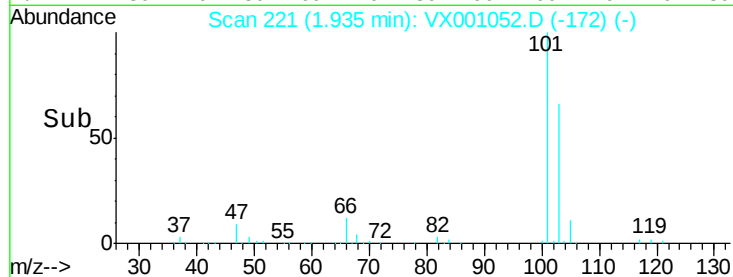
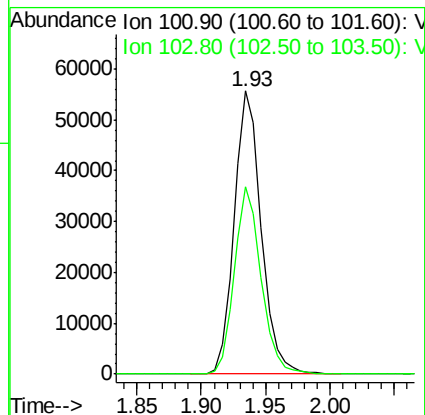
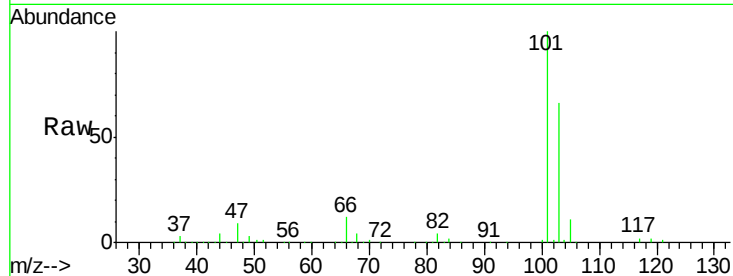


#7

Trichlorofluoromethane
Concen: 20.00 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

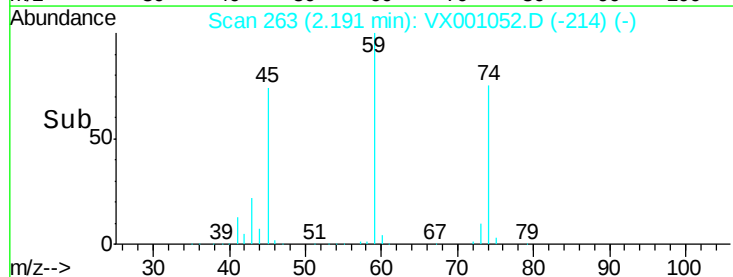
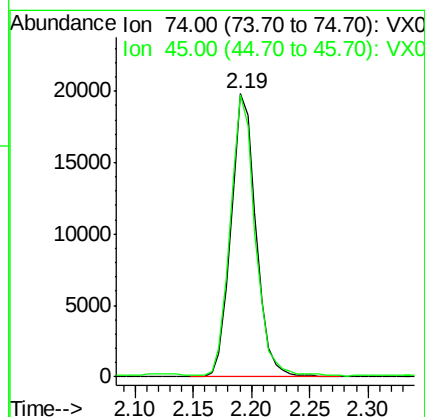
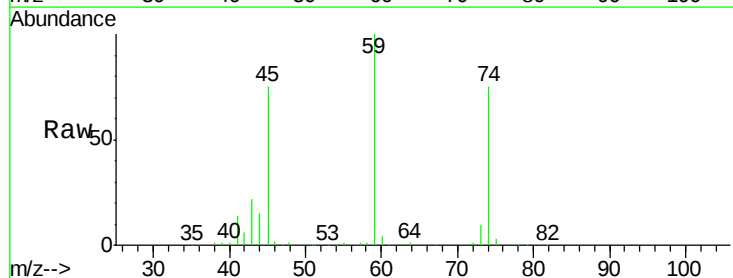
Tgt Ion: 101 Resp: 81529
Ion Ratio Lower Upper
101 100
103 66.4 51.8 77.8

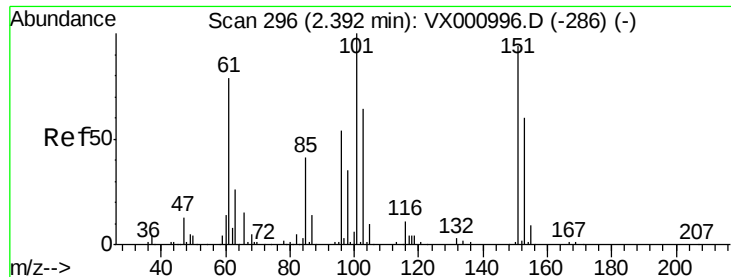


#8

Diethyl Ether
Concen: 19.58 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion: 74 Resp: 29482
Ion Ratio Lower Upper
74 100
45 99.7 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.54 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

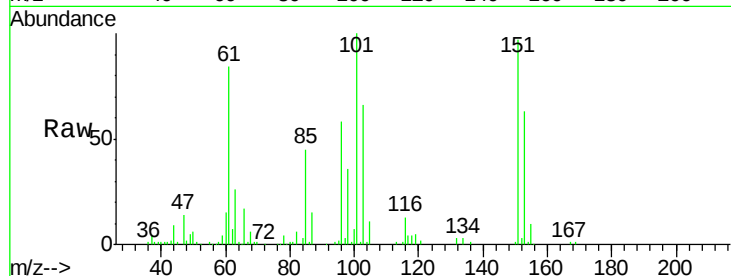
Tgt Ion:101 Resp: 46686

Ion Ratio Lower Upper

101 100

85 43.4 33.9 50.9

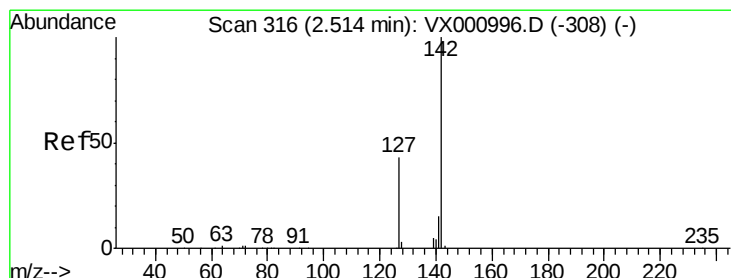
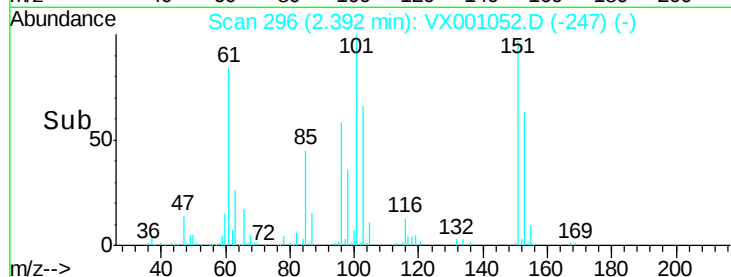
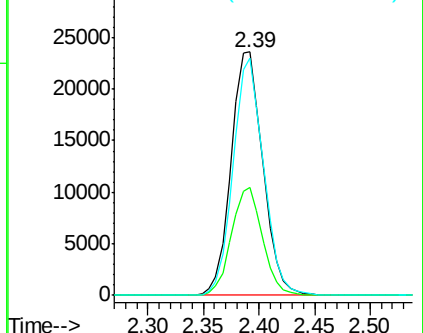
151 93.3 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.95 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

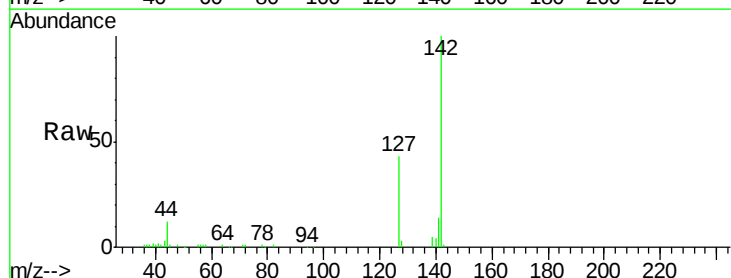
Tgt Ion:142 Resp: 28759

Ion Ratio Lower Upper

142 100

127 42.2 34.0 51.0

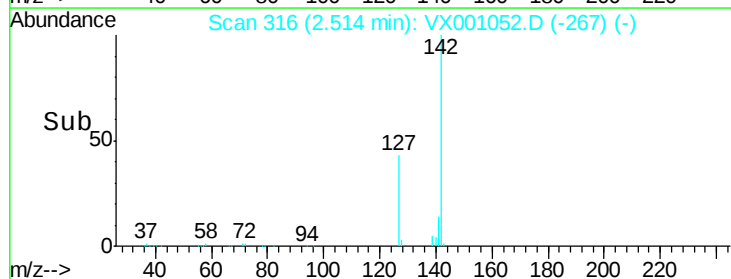
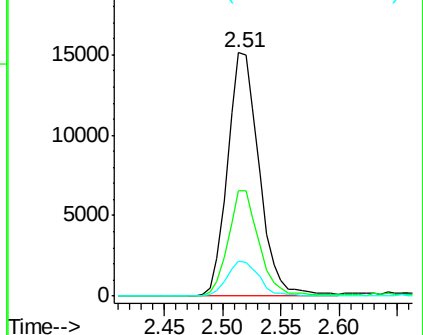
141 14.5 11.4 17.2

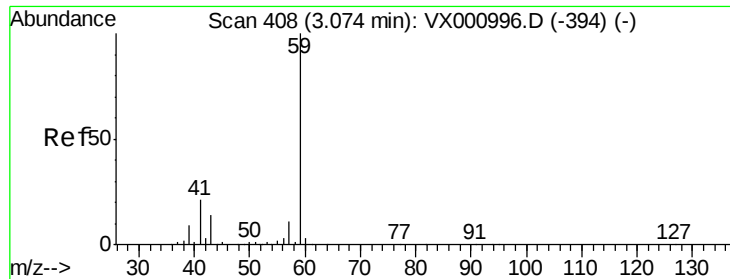


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

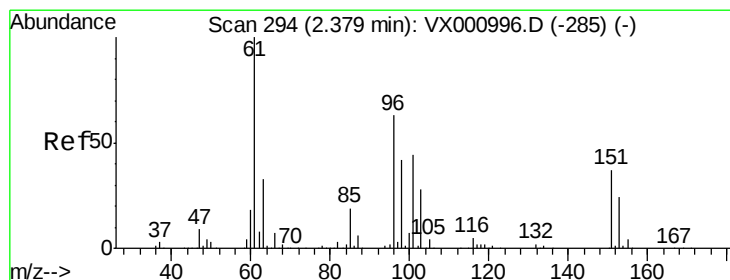
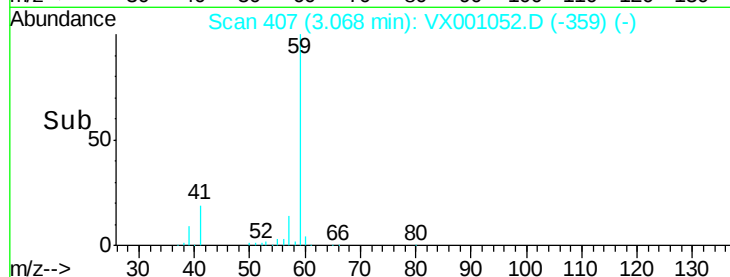
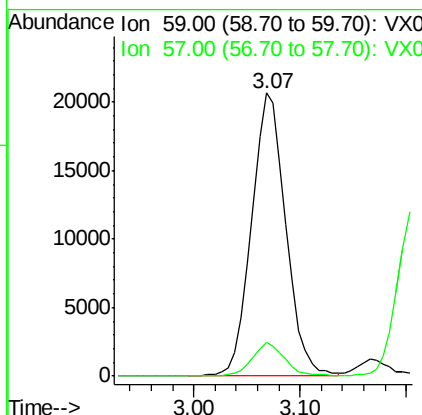
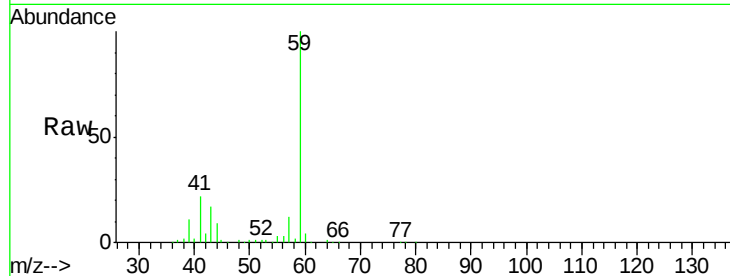




#11
Tert butyl alcohol
Concen: 107.65 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

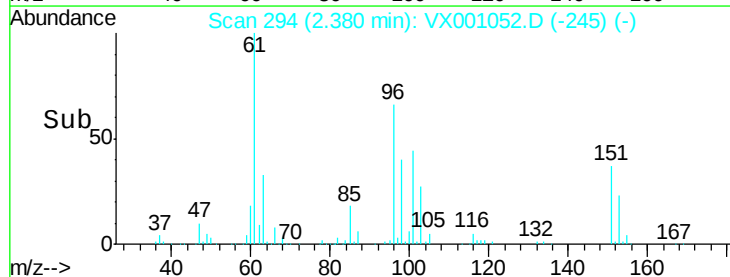
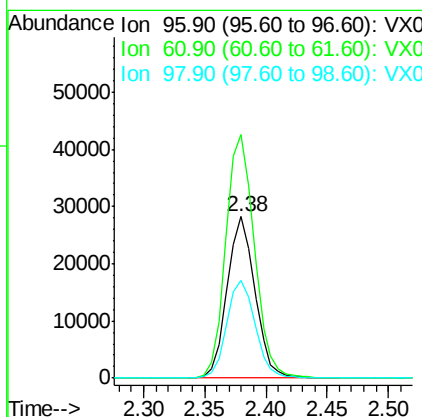
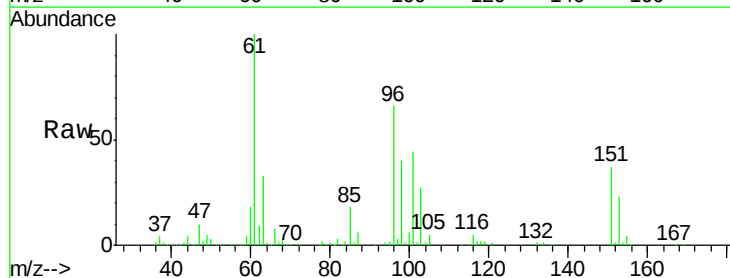
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

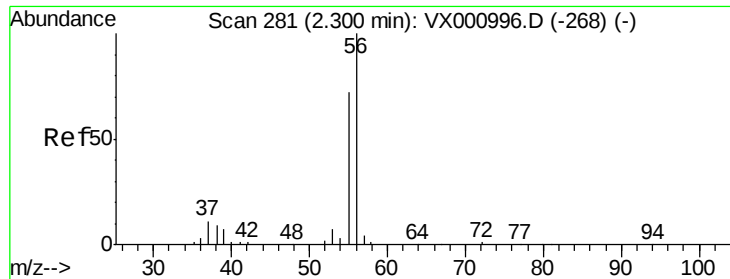
Tgt Ion: 59 Resp: 46660
Ion Ratio Lower Upper
59 100
57 11.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.17 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion: 96 Resp: 44550
Ion Ratio Lower Upper
96 100
61 150.8 126.4 189.6
98 60.8 52.6 78.8





#13

Acrolein

Concen: 147.46 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

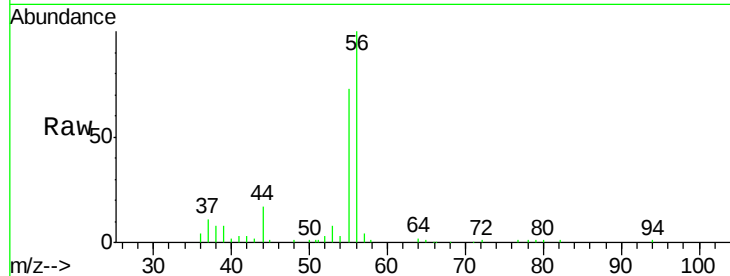
VX0423WBS01

Tgt Ion: 56 Resp: 19279

Ion Ratio Lower Upper

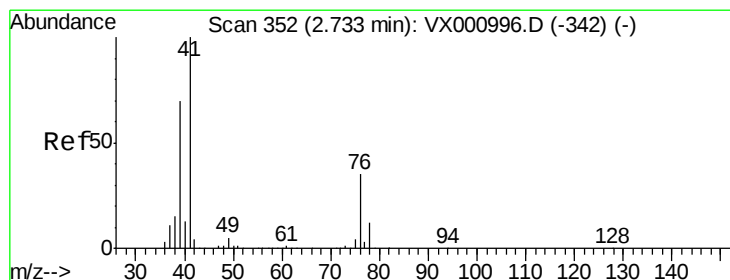
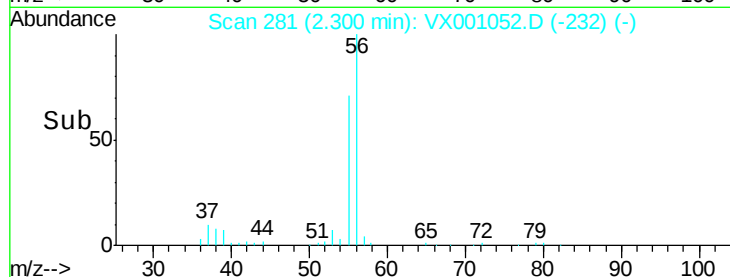
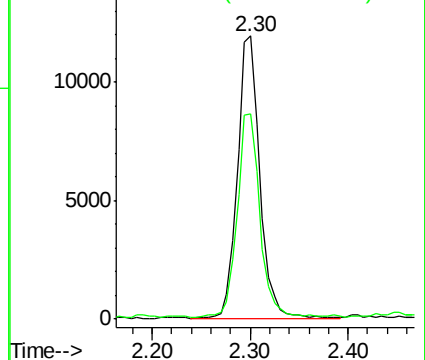
56 100

55 71.6 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.98 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

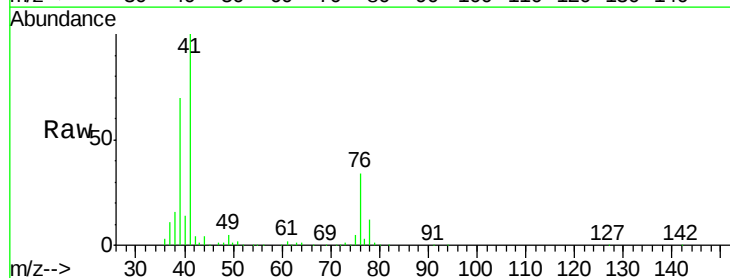
Tgt Ion: 41 Resp: 79872

Ion Ratio Lower Upper

41 100

39 67.0 53.0 79.6

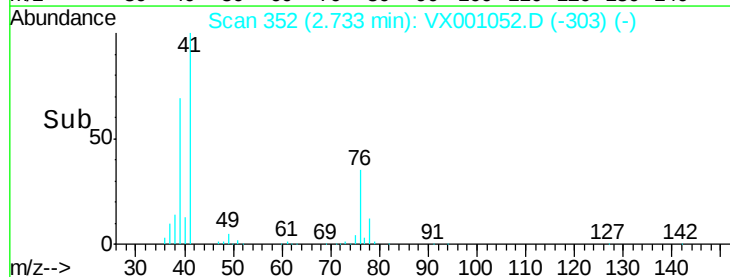
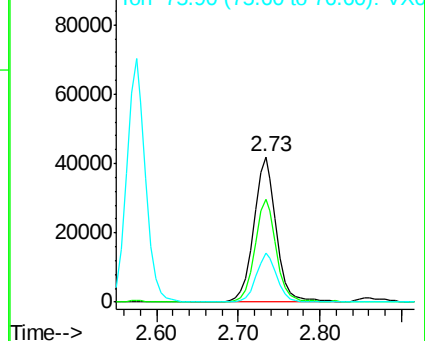
76 31.6 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

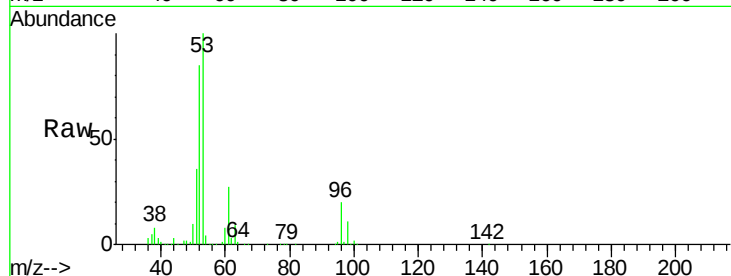
Tgt Ion: 53 Resp: 115305

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

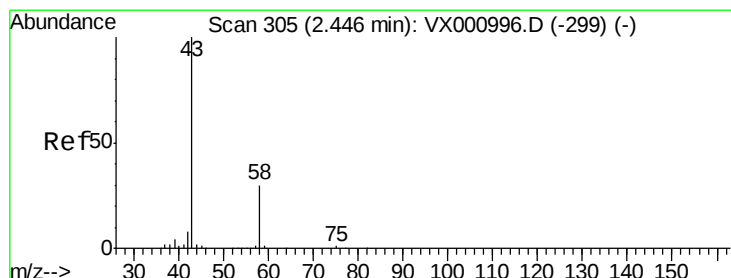
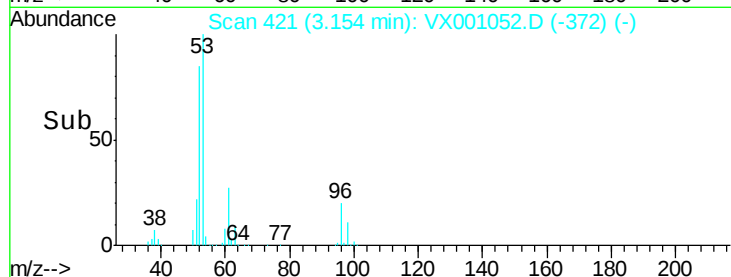
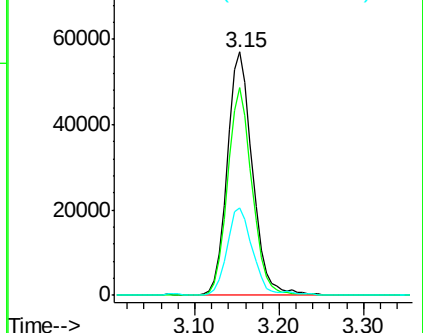
51 36.9 29.0 43.6



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



#16

Acetone

Concen: 108.34 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001052.D

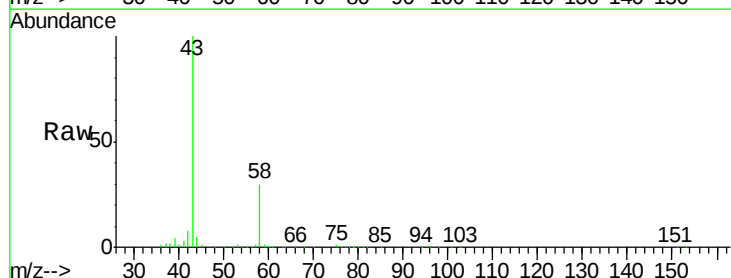
Acq: 23 Apr 2018 12:29

Tgt Ion: 43 Resp: 117243

Ion Ratio Lower Upper

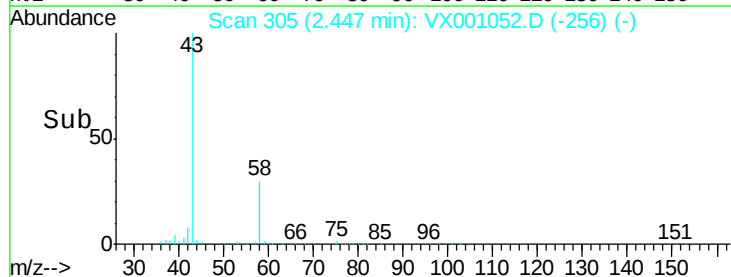
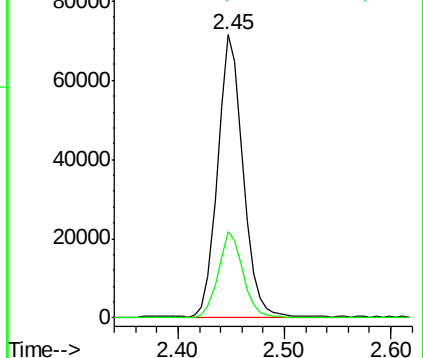
43 100

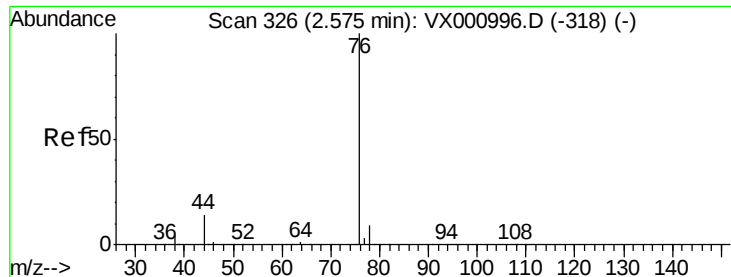
58 30.4 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

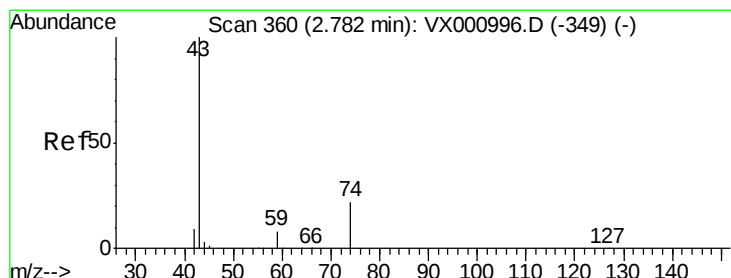
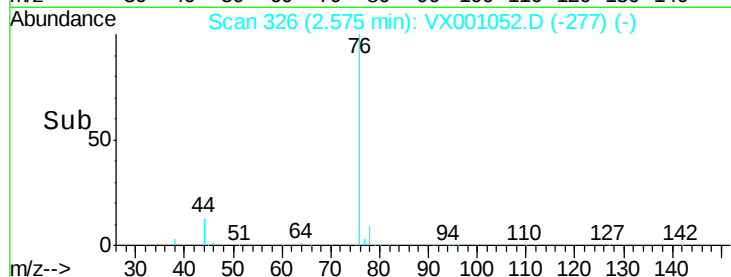
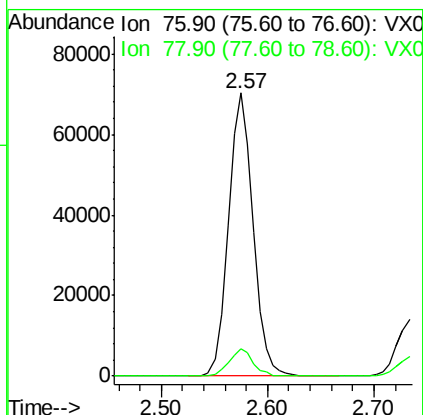
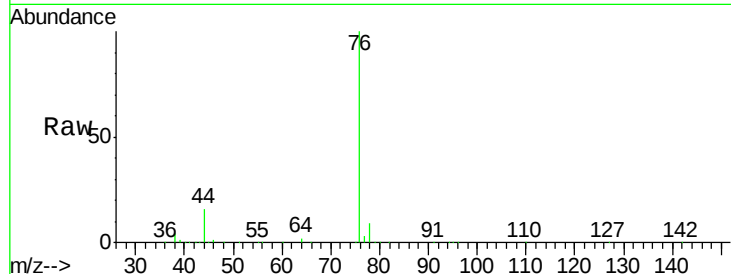




#17
Carbon Disulfide
Concen: 18.07 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

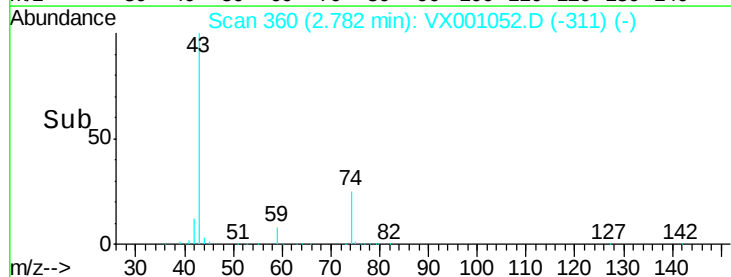
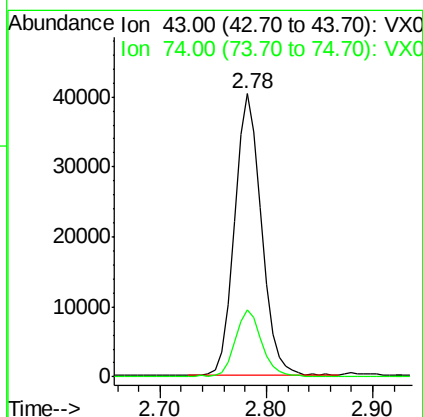
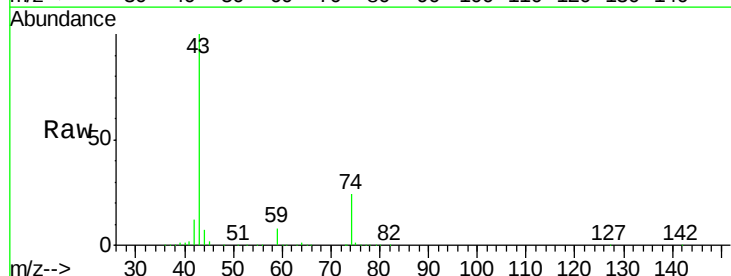
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

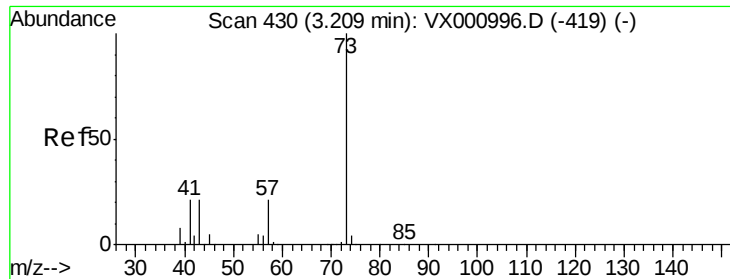
Tgt Ion: 76 Resp: 113753
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 21.72 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion: 43 Resp: 71118
Ion Ratio Lower Upper
43 100
74 23.8 18.3 27.5

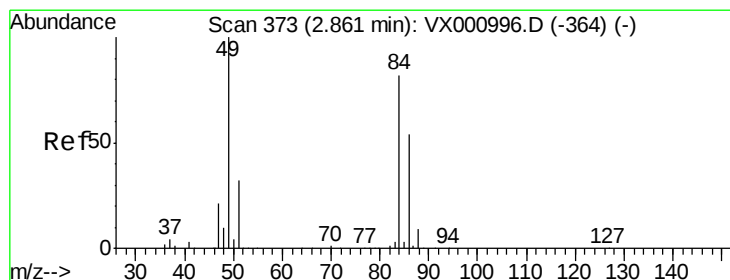
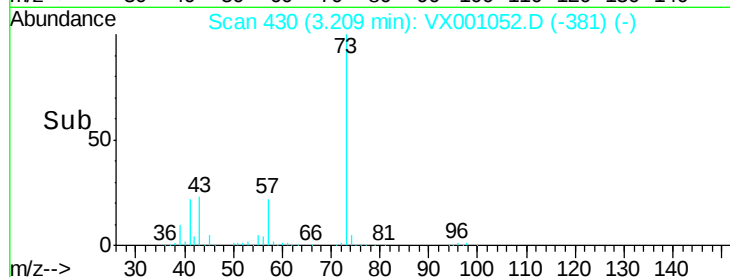
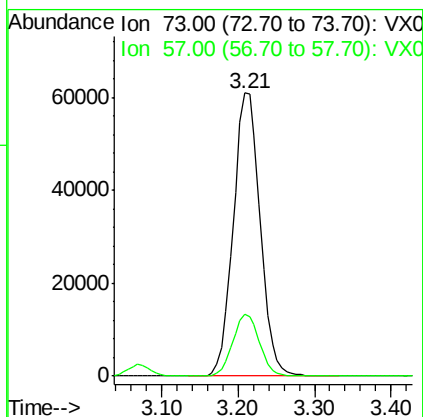
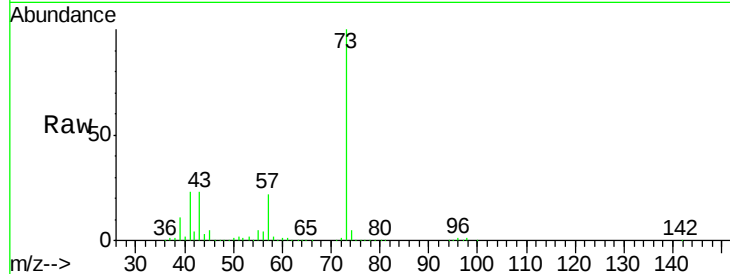




#19
Methyl tert-butyl Ether
Concen: 19.98 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

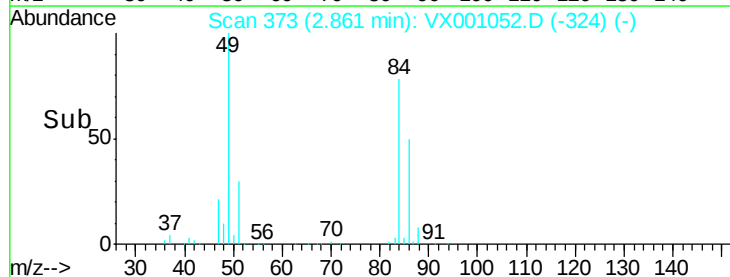
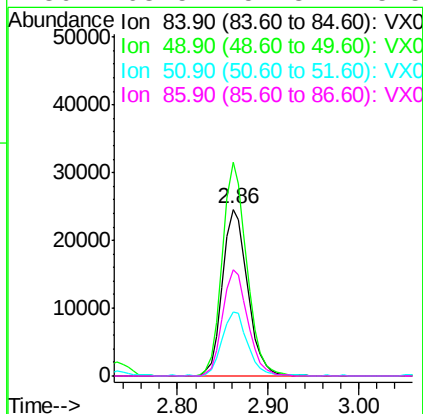
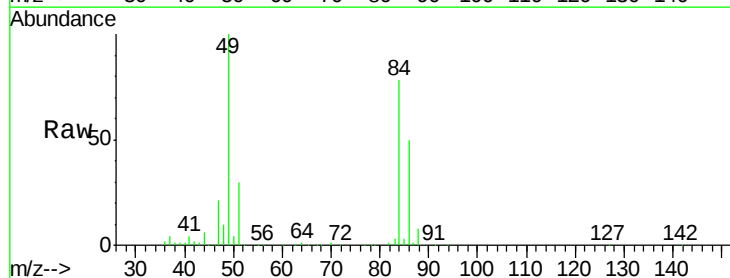
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

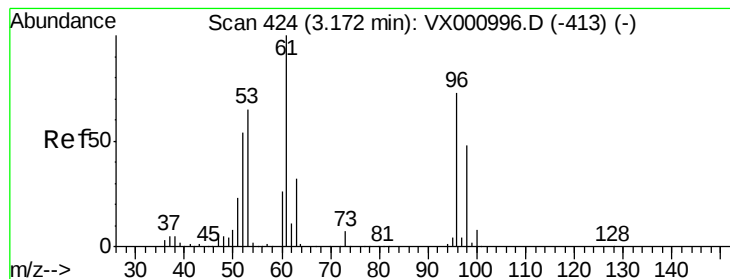
Tgt Ion: 73 Resp: 148399
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7



#20
Methylene Chloride
Concen: 20.07 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion: 84 Resp: 47869
Ion Ratio Lower Upper
84 100
49 128.0 97.1 145.7
51 38.1 30.8 46.2
86 63.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.07 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS01

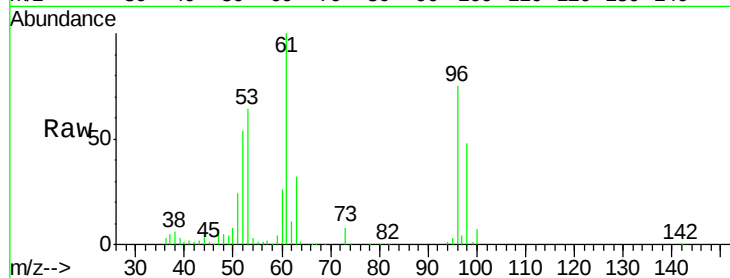
Tgt Ion: 96 Resp: 46894

Ion Ratio Lower Upper

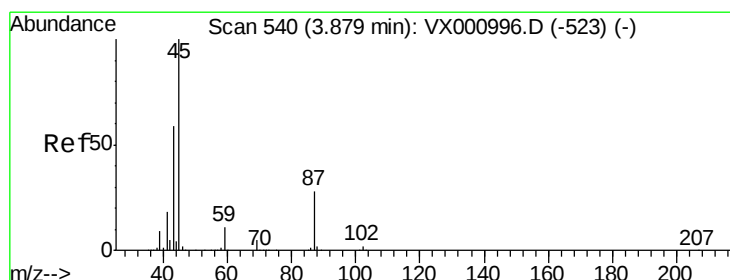
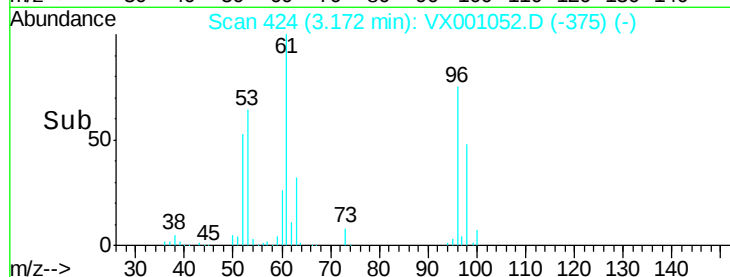
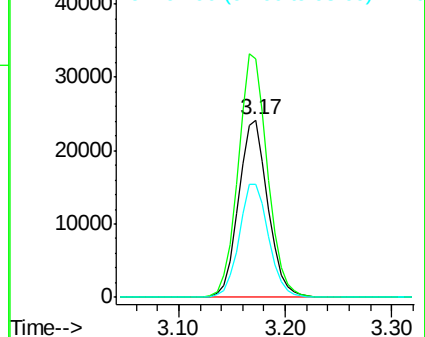
96 100

61 134.1 109.4 164.2

98 63.9 52.6 78.8



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



#22

Diisopropyl ether

Concen: 19.99 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Tgt Ion: 45 Resp: 154661

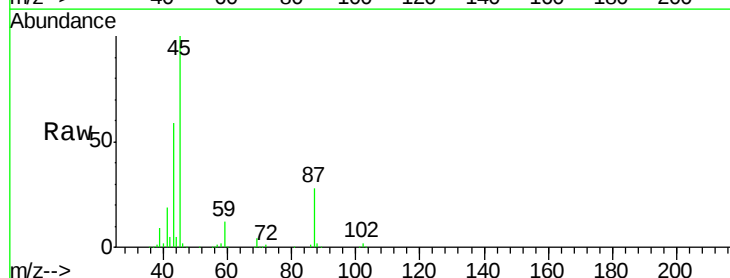
Ion Ratio Lower Upper

45 100

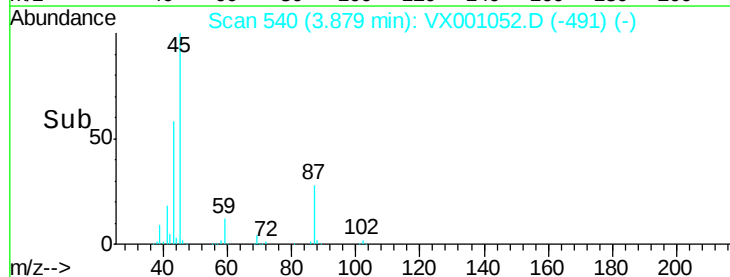
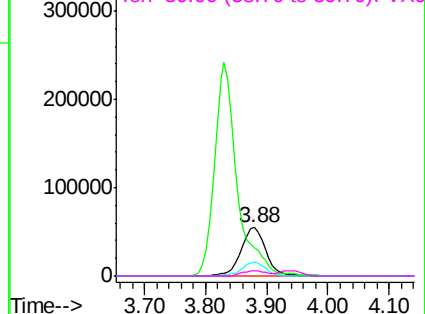
43 58.1 47.0 70.4

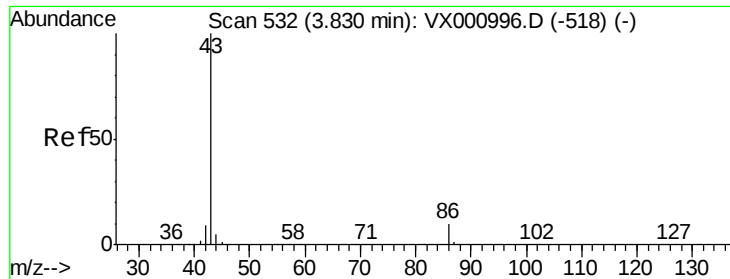
87 28.0 22.5 33.7

59 11.7 8.8 13.2



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





#23

Vinyl Acetate

Concen: 98.82 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

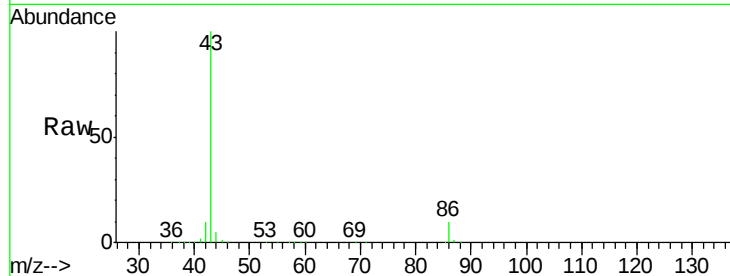
VX0423WBS01

Tgt Ion: 43 Resp: 633126

Ion Ratio Lower Upper

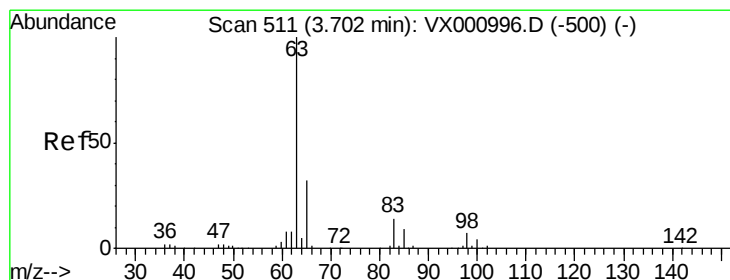
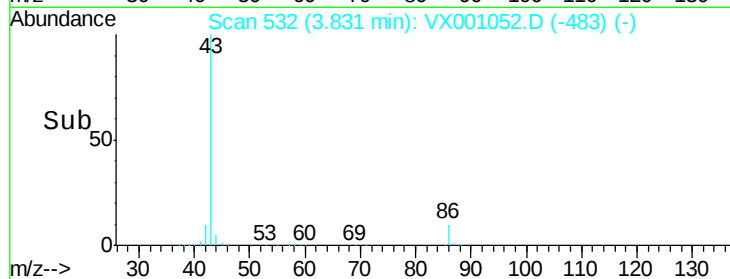
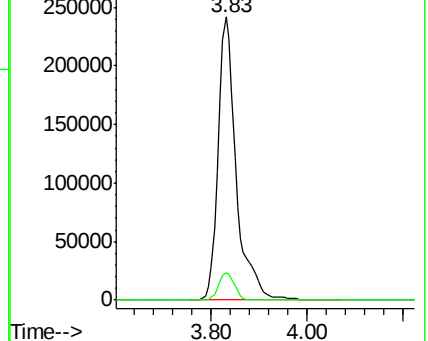
43 100

86 9.8 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.58 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

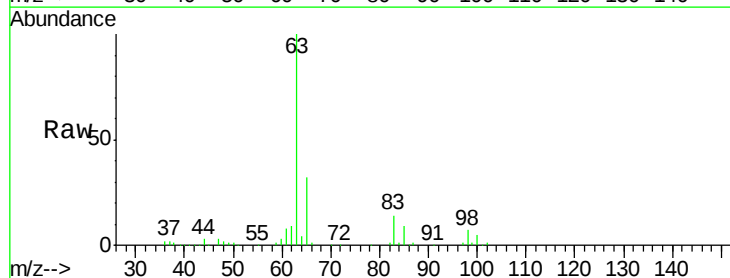
Tgt Ion: 63 Resp: 85007

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

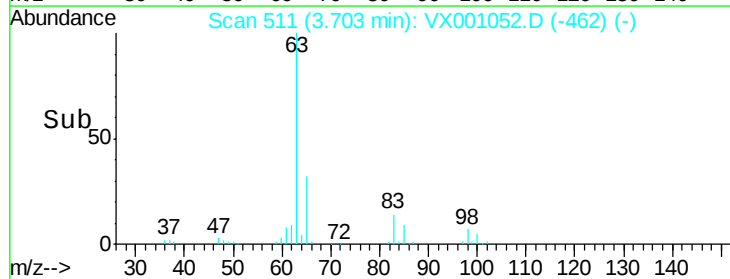
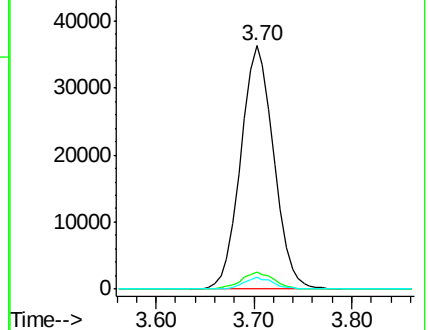
100 4.8 2.1 6.3

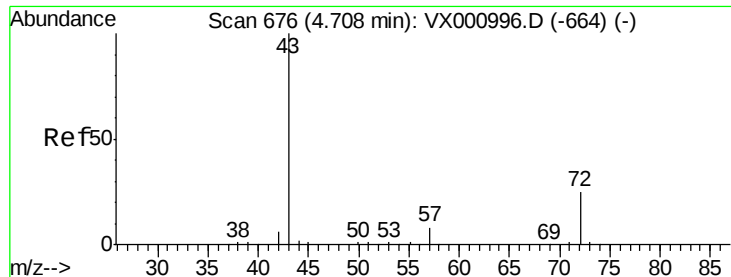


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.82 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

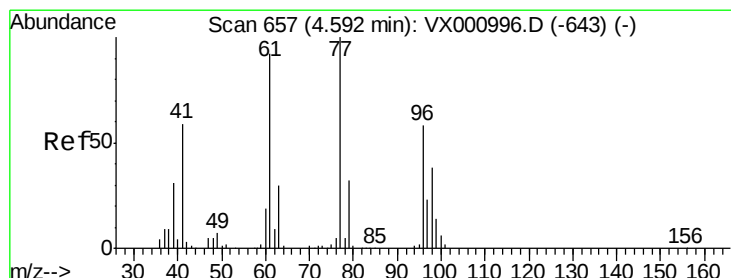
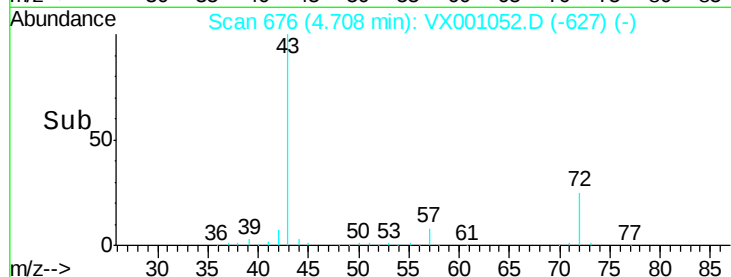
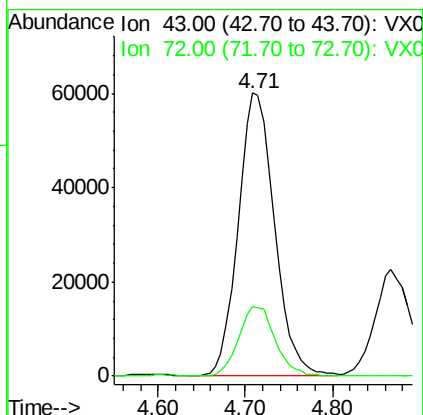
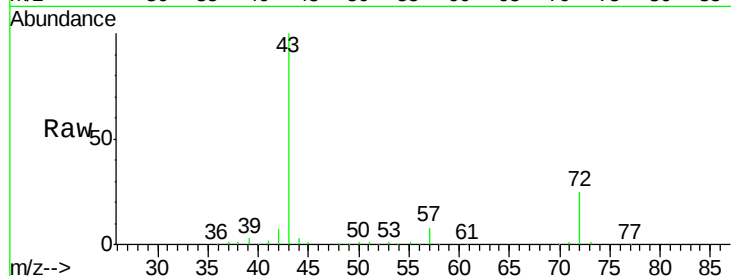
VX0423WBS01

Tgt Ion: 43 Resp: 172007

Ion Ratio Lower Upper

43 100

72 24.6 19.9 29.9



#26

2,2-Dichloropropane

Concen: 20.18 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001052.D

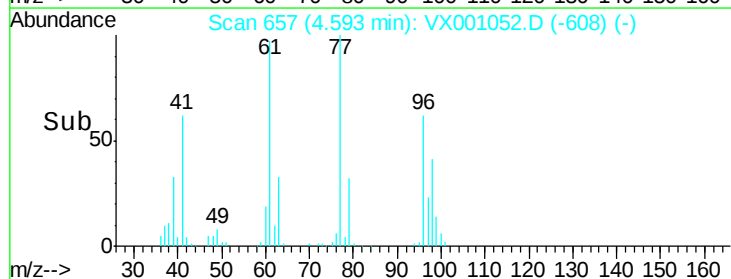
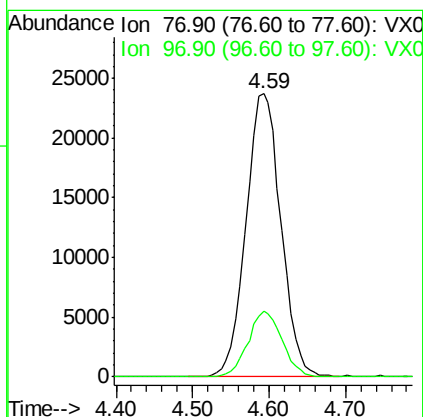
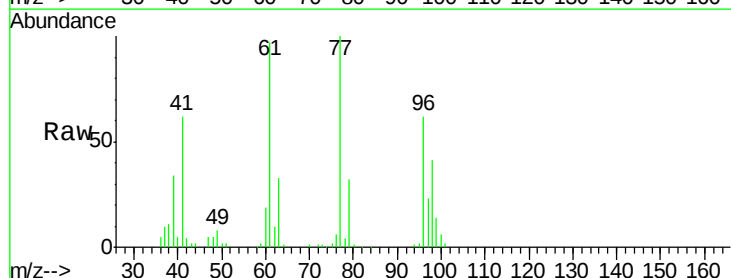
Acq: 23 Apr 2018 12:29

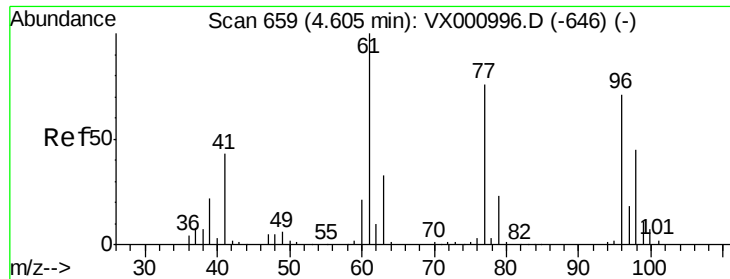
Tgt Ion: 77 Resp: 75344

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4



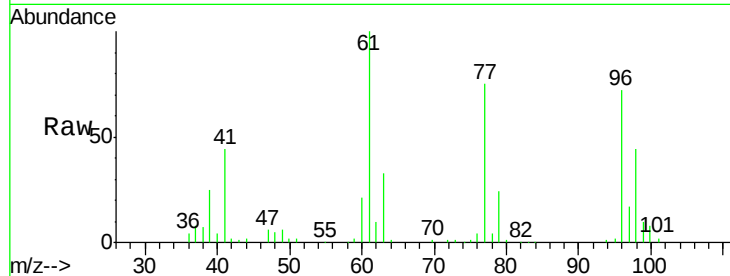


#27

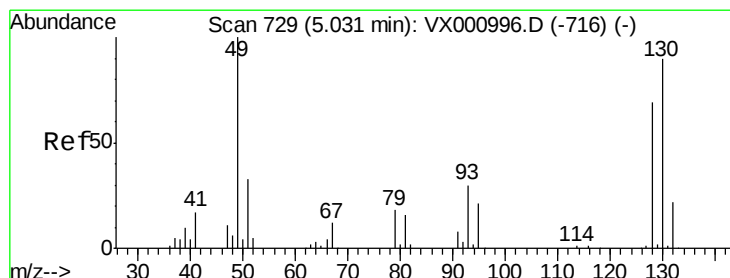
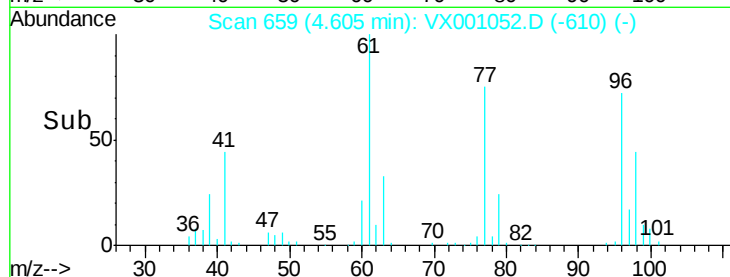
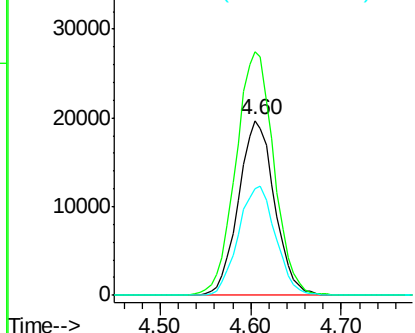
cis-1,2-Dichloroethene
 Concen: 19.81 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tgt Ion: 96 Resp: 54270
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 297.0
 98 64.4 0.0 130.0



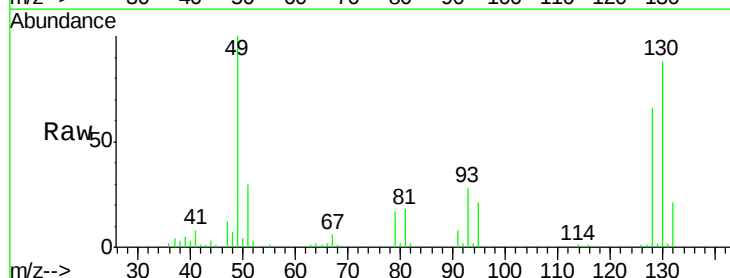
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



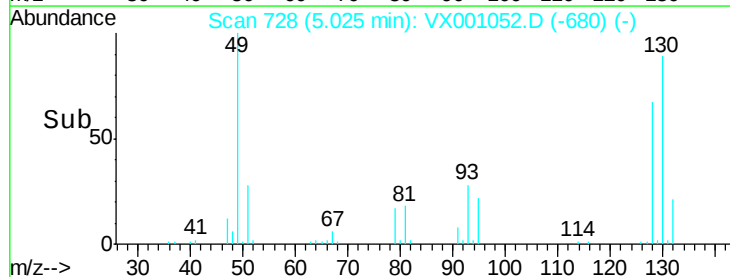
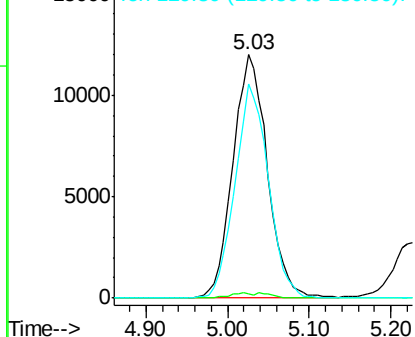
#28

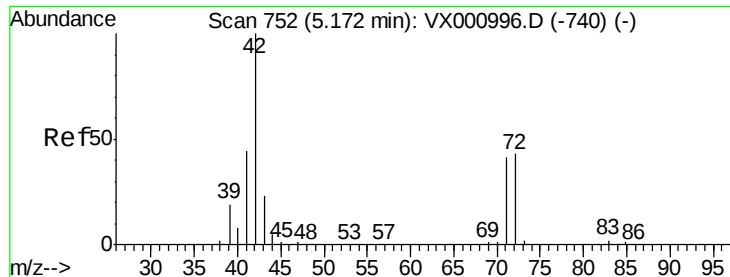
Bromochloromethane
 Concen: 20.97 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion: 49 Resp: 35008
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.8
 130 85.4 70.6 105.8



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

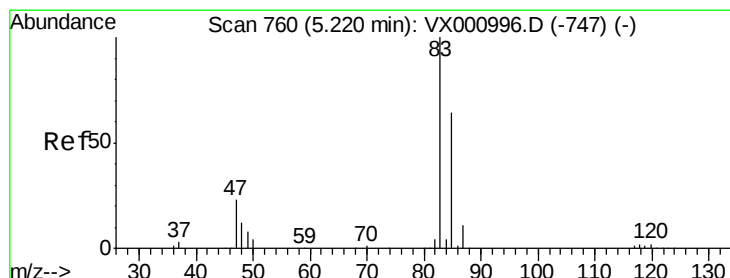
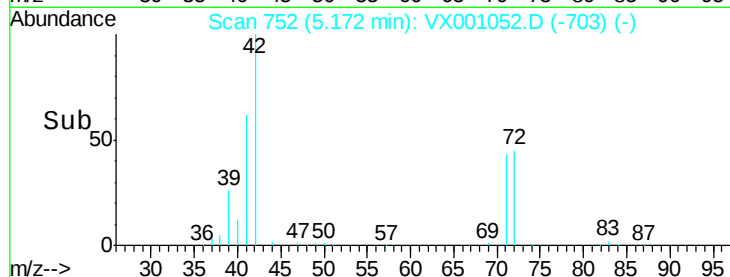
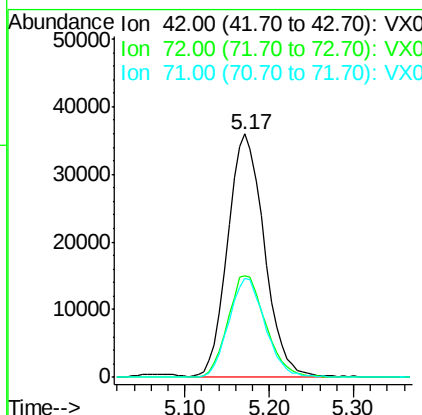
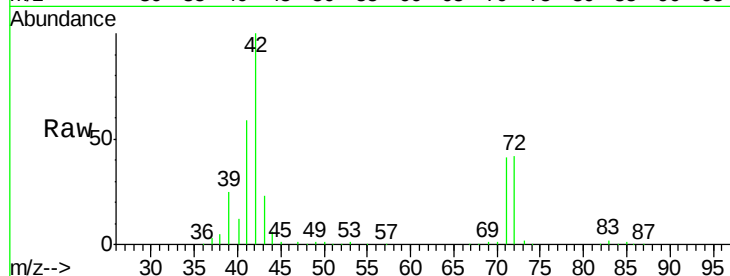




#29
Tetrahydrofuran
Concen: 98.52 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

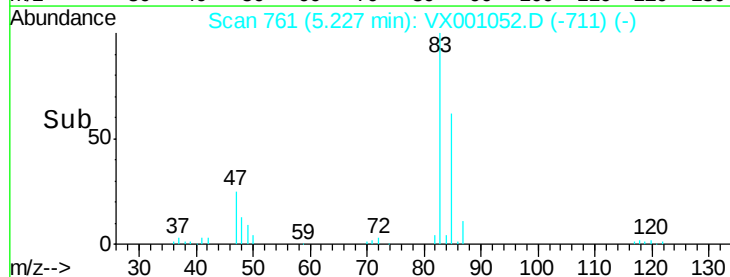
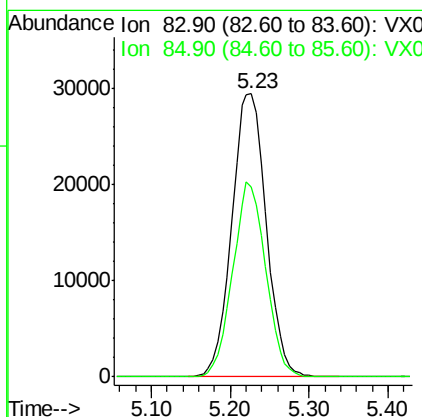
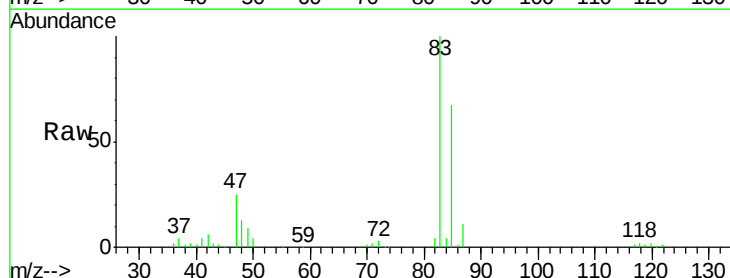
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

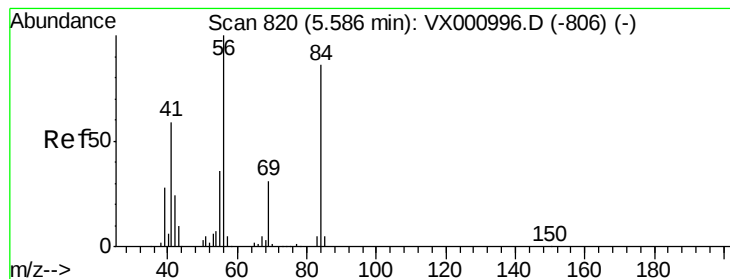
Tgt Ion: 42 Resp: 105179
Ion Ratio Lower Upper
42 100
72 43.7 34.6 52.0
71 40.8 32.6 49.0



#30
Chloroform
Concen: 19.81 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion: 83 Resp: 89050
Ion Ratio Lower Upper
83 100
85 67.0 51.3 76.9





#31

Cyclohexane

Concen: 19.16 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

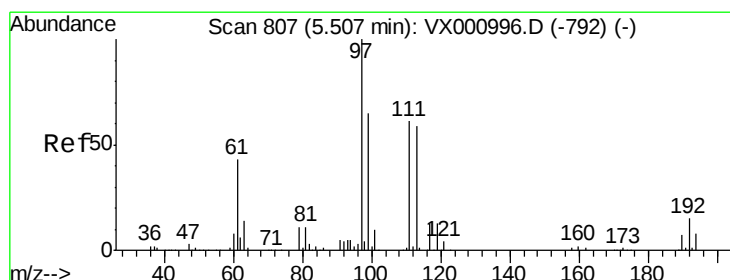
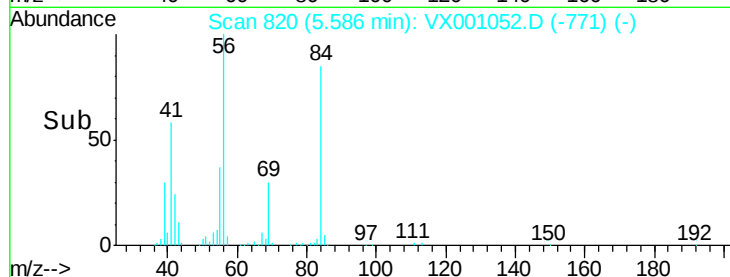
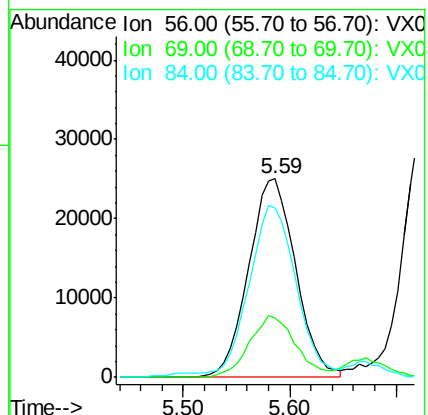
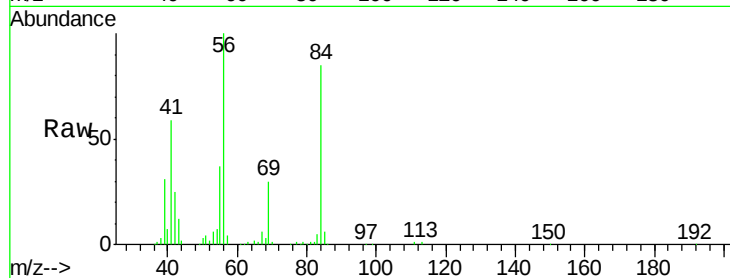
Tgt Ion: 56 Resp: 77612

Ion Ratio Lower Upper

56 100

69 29.6 24.6 36.8

84 83.4 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 19.99 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

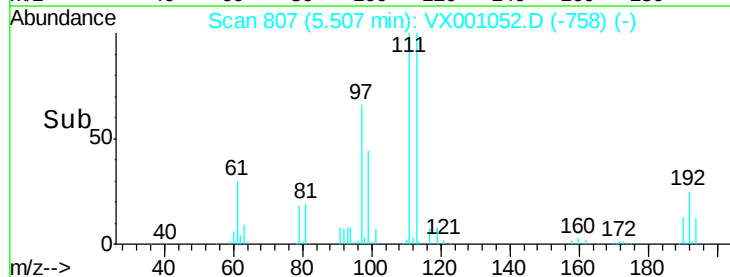
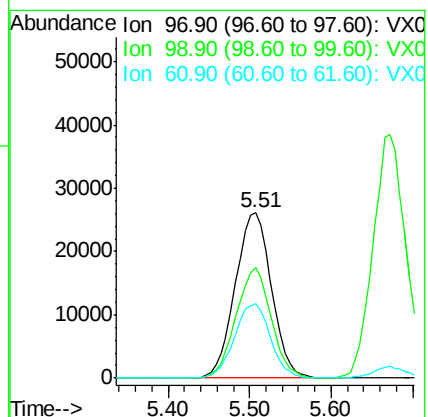
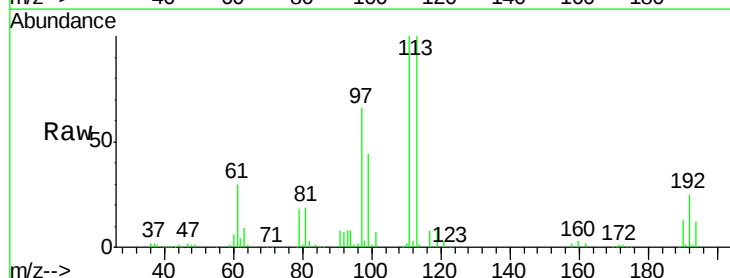
Tgt Ion: 97 Resp: 80566

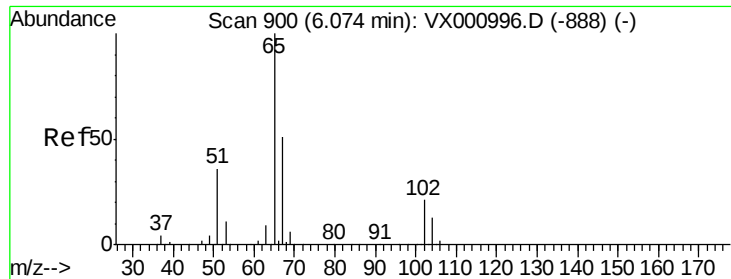
Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

61 44.7 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 48.57 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

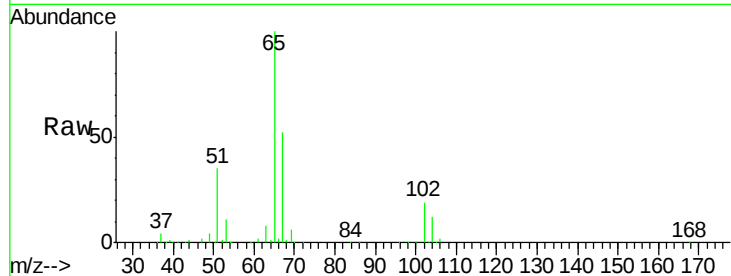
VX0423WBS01

Tgt Ion: 65 Resp: 139602

Ion Ratio Lower Upper

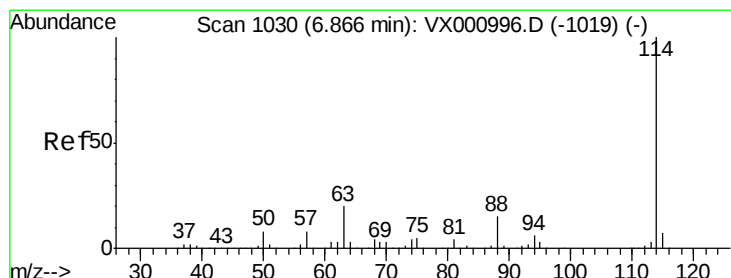
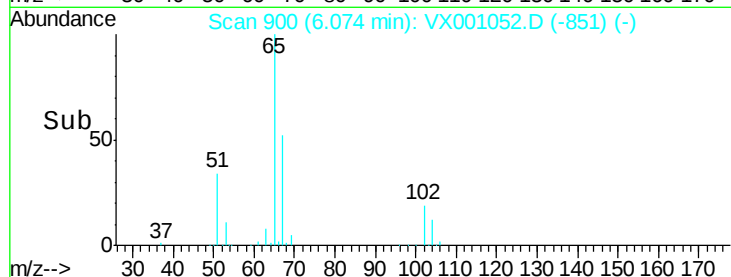
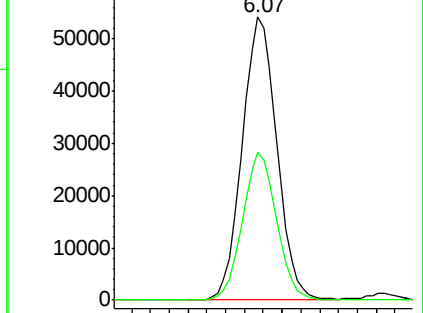
65 100

67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

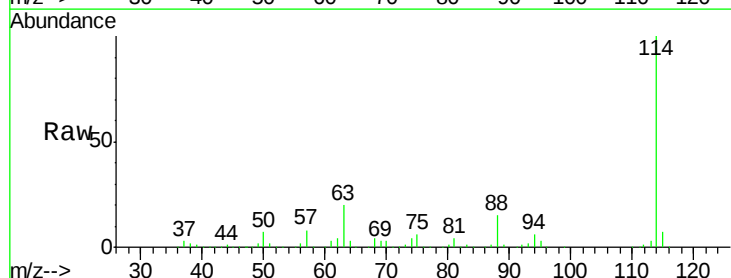
Tgt Ion: 114 Resp: 308430

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

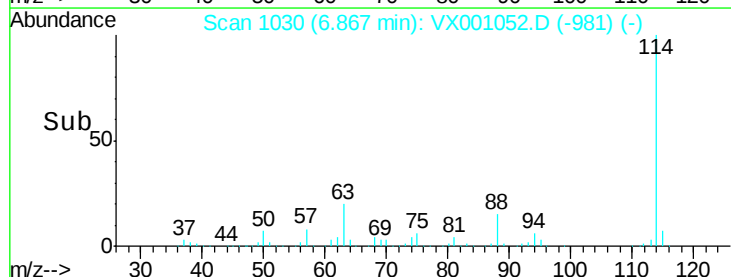
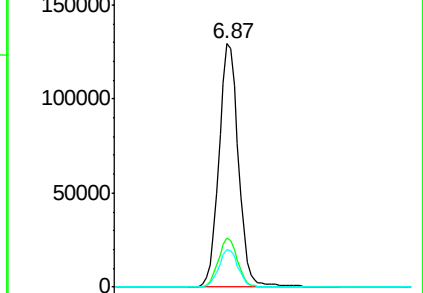
88 15.3 0.0 29.8

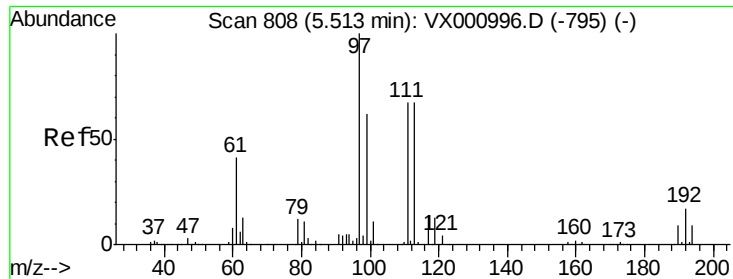


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

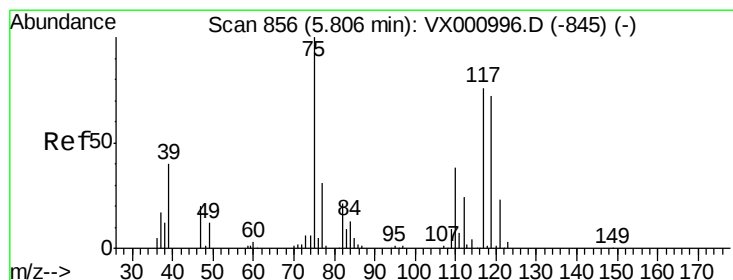
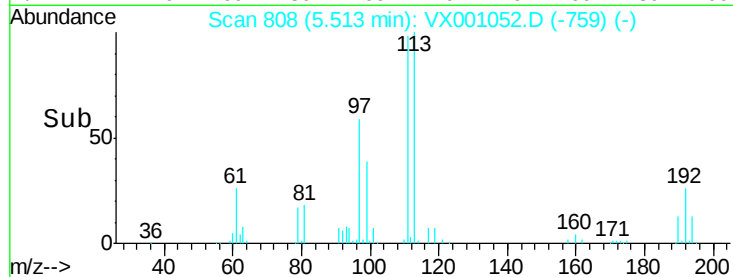
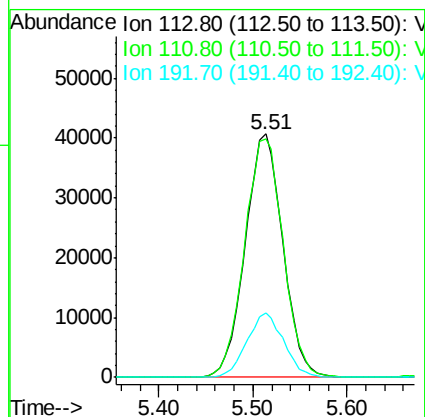
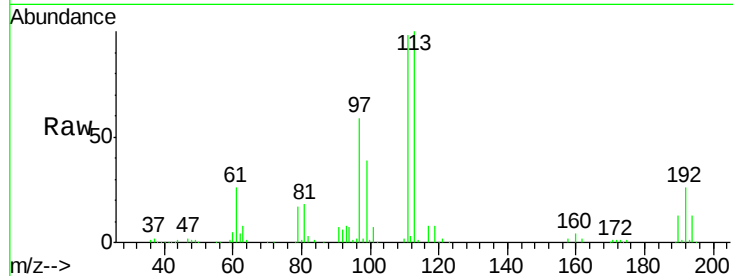




#35
 Dibromofluoromethane
 Concen: 48.39 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

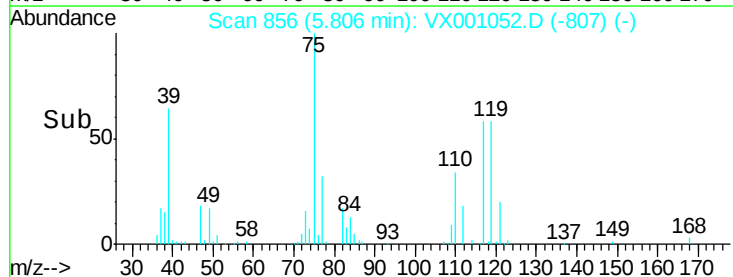
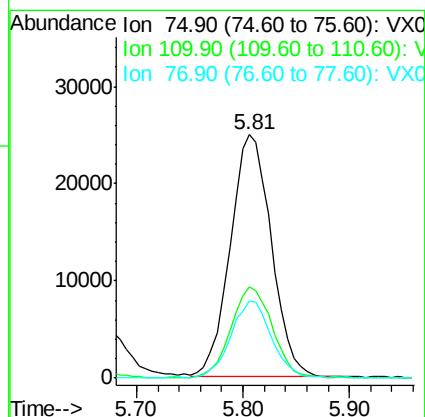
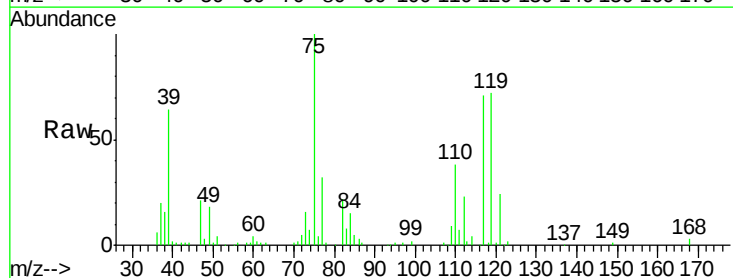
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

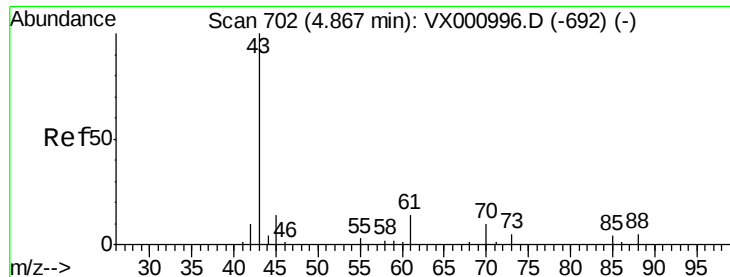
Tgt Ion:113 Resp: 113814
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.4 122.2
 192 25.9 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 18.63 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion: 75 Resp: 67508
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.7 56.1
 77 30.8 25.0 37.4

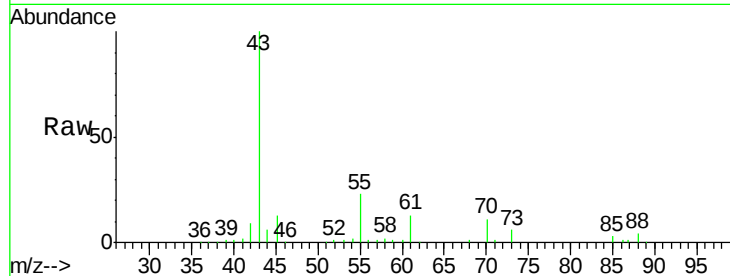




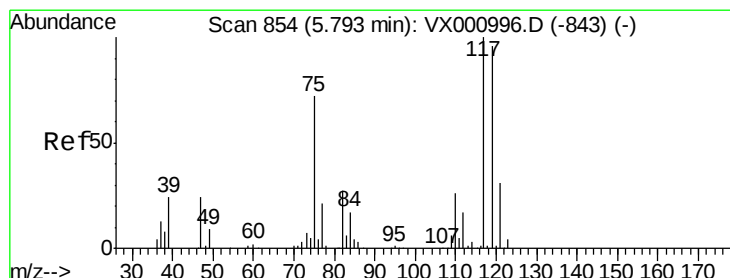
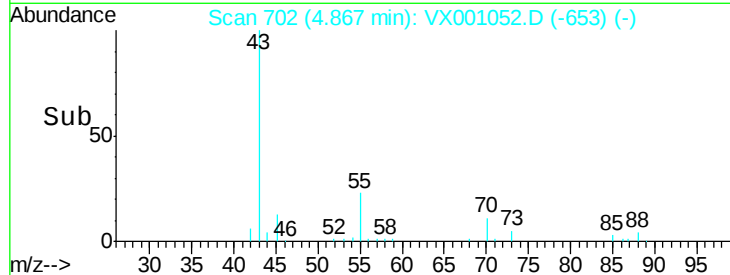
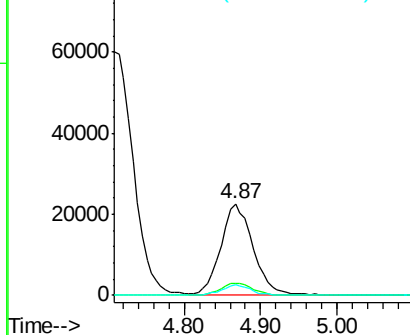
#37
Ethyl Acetate
Concen: 19.52 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tgt Ion: 43 Resp: 64896
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 10.6 8.3 12.5

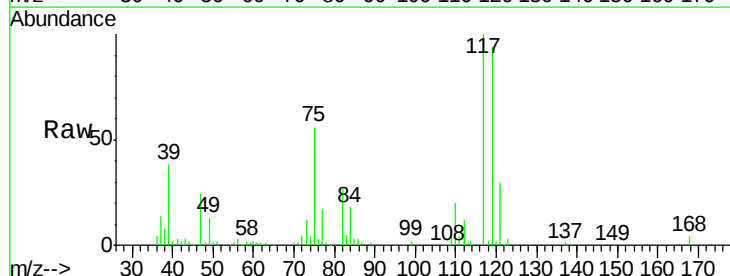


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

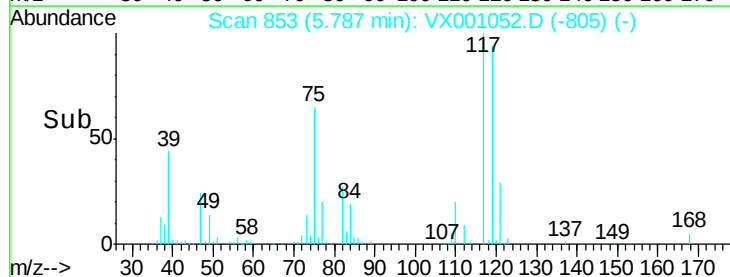
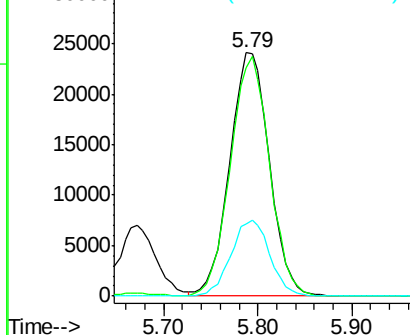


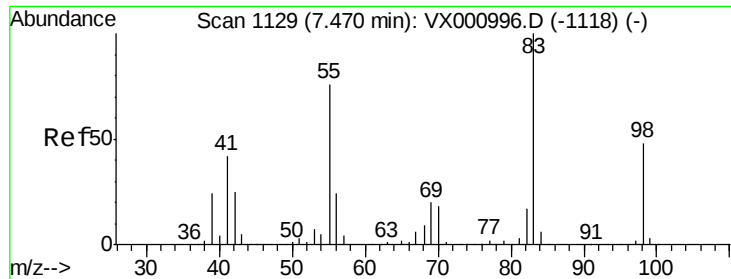
#38
Carbon Tetrachloride
Concen: 19.23 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion: 117 Resp: 70559
Ion Ratio Lower Upper
117 100
119 93.5 76.5 114.7
121 29.7 24.5 36.7



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

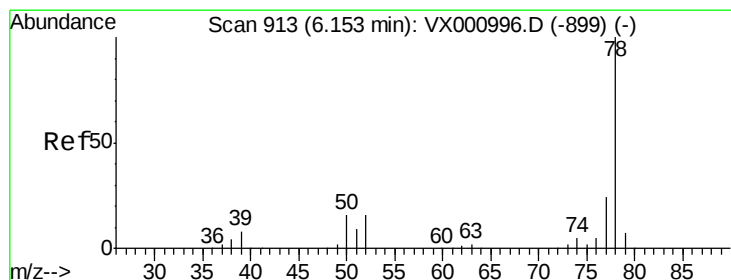
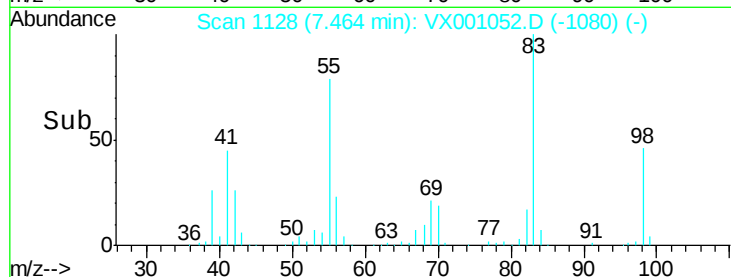
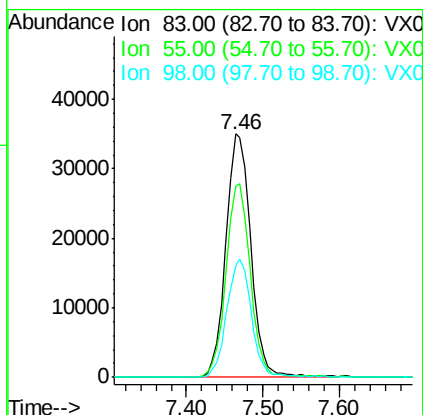
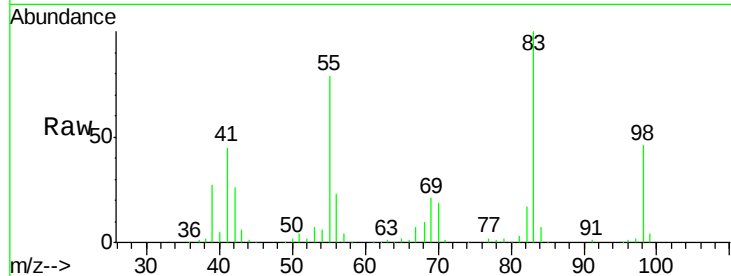




#39
Methylcyclohexane
Concen: 18.79 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

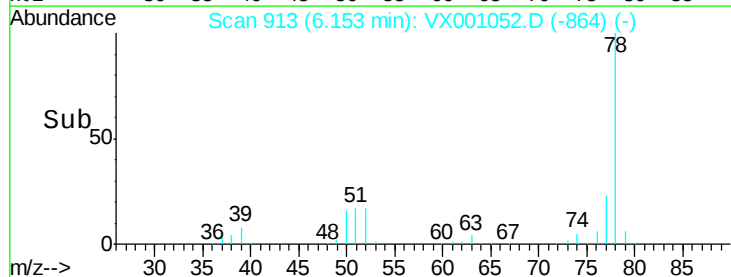
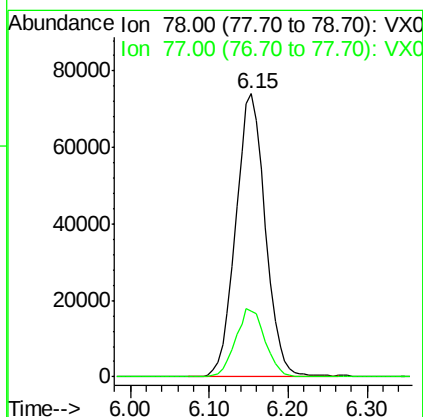
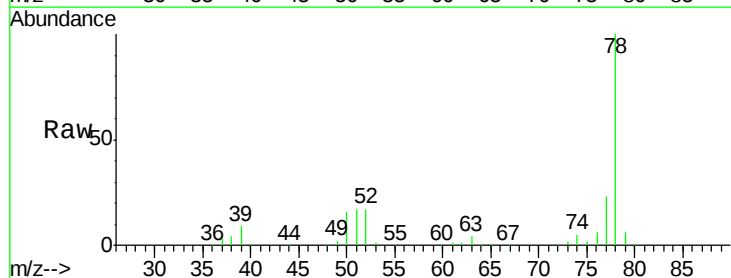
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

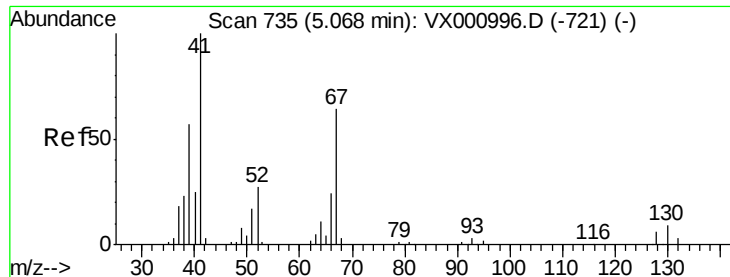
Tgt Ion: 83 Resp: 79275
Ion Ratio Lower Upper
83 100
55 78.6 60.6 91.0
98 45.7 38.2 57.4



#40
Benzene
Concen: 19.22 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion: 78 Resp: 193663
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

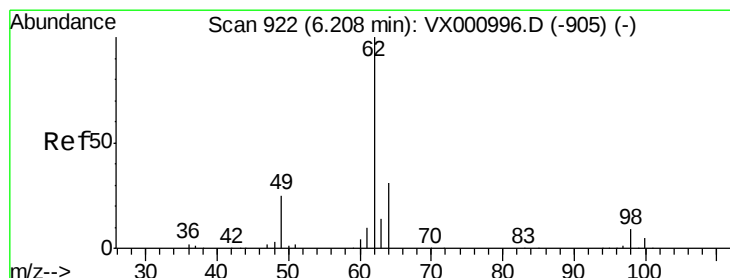
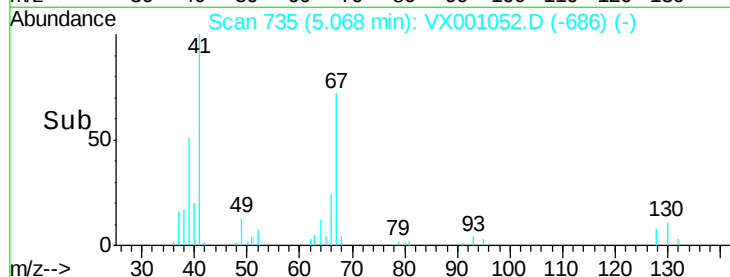
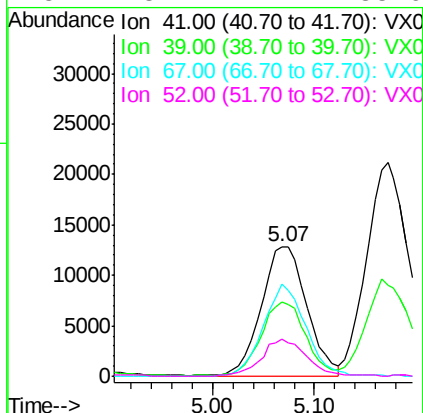
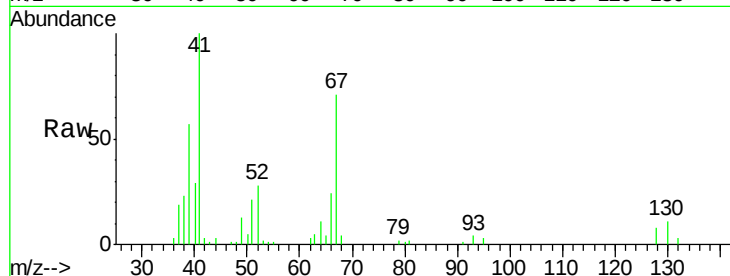




#41
Methacrylonitrile
Concen: 18.92 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

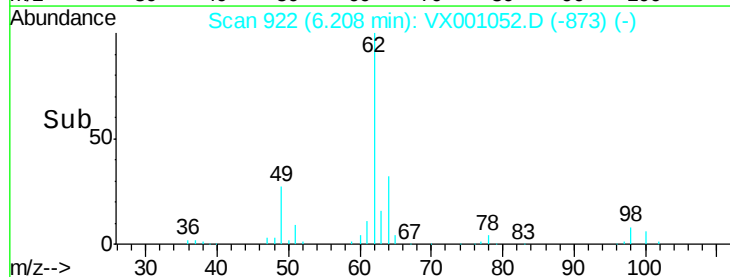
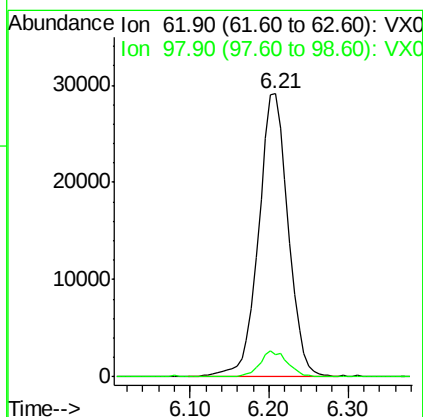
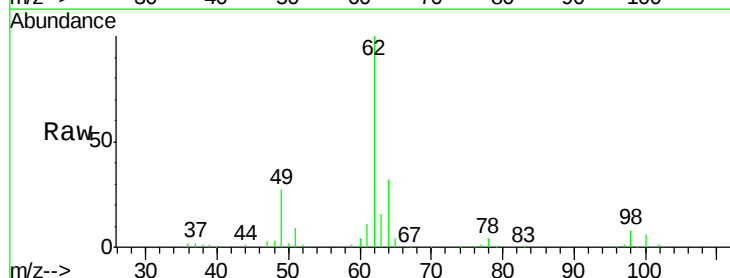
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

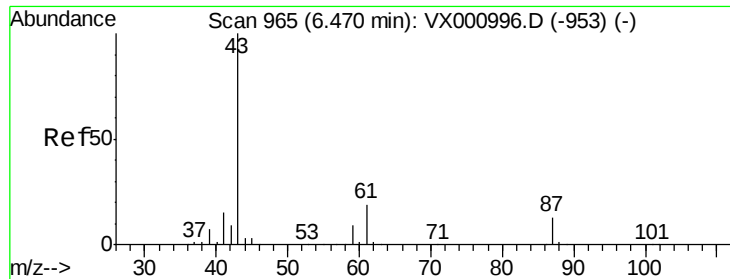
Tgt Ion:	41	Resp:	39272
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.2	67.8
67	67.3	53.8	80.8
52	28.2	22.4	33.6



#42
1,2-Dichloroethane
Concen: 19.68 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion:	62	Resp:	76127
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.47 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

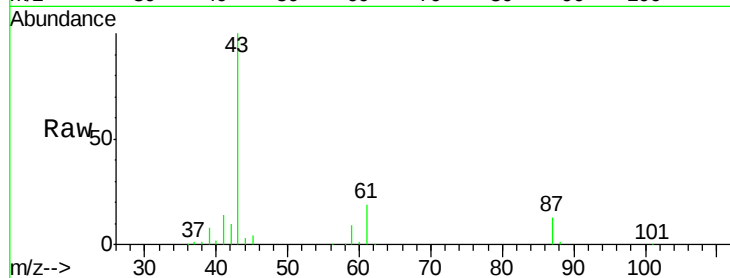
Tgt Ion: 43 Resp: 111049

Ion Ratio Lower Upper

43 100

61 18.9 15.4 23.2

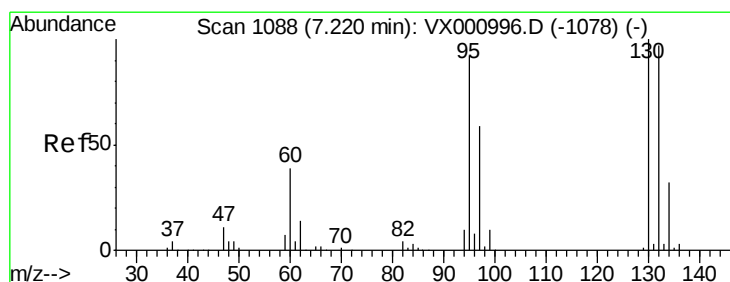
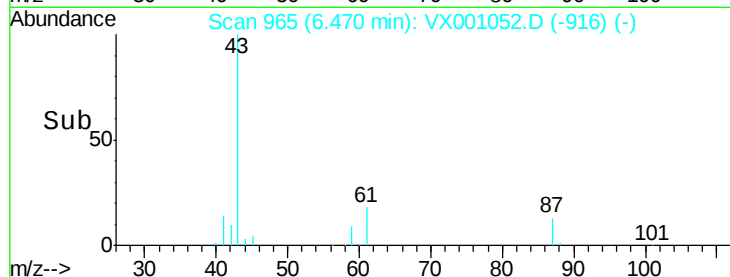
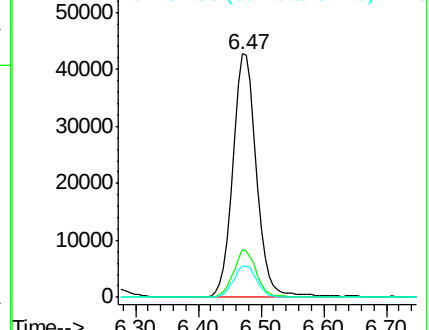
87 12.8 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.07 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001052.D

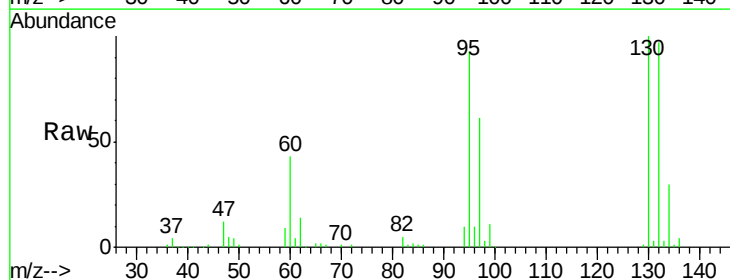
Acq: 23 Apr 2018 12:29

Tgt Ion: 130 Resp: 58703

Ion Ratio Lower Upper

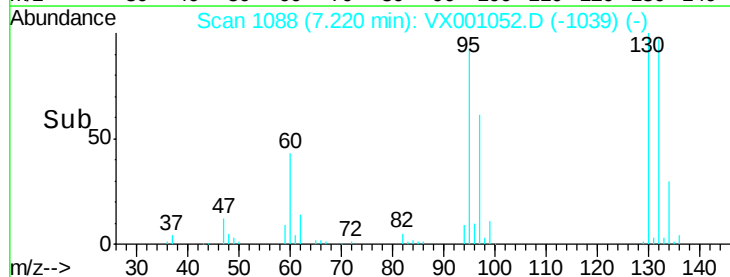
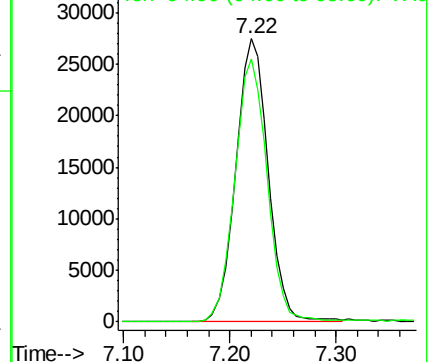
130 100

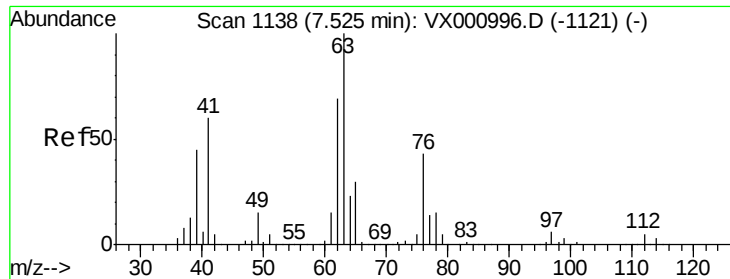
95 92.7 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

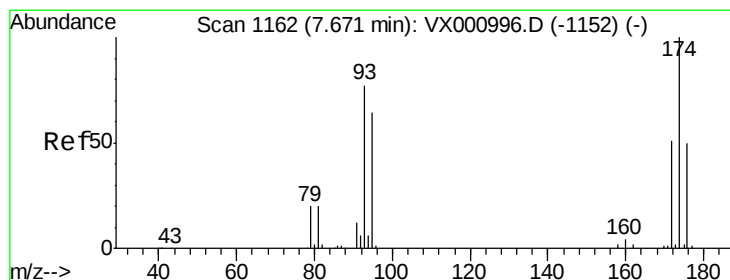
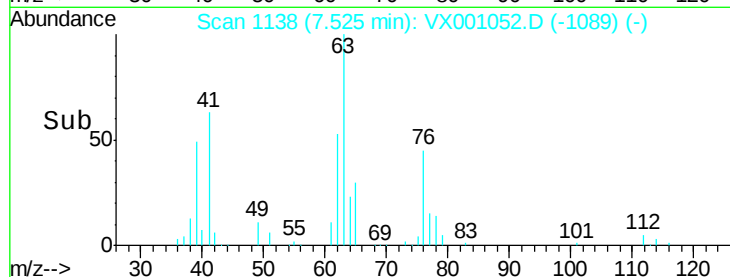
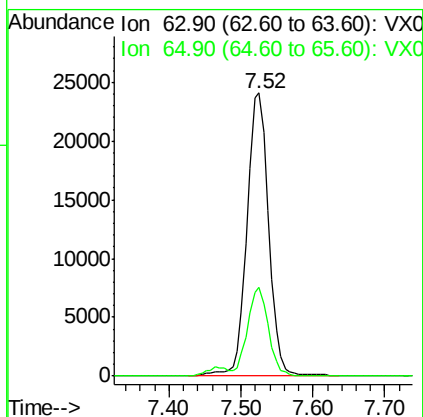
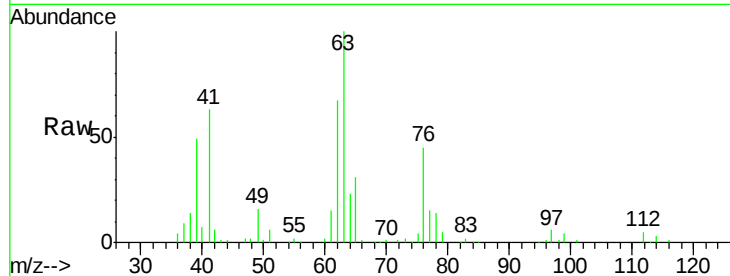




#45
 1,2-Dichloropropane
 Concen: 19.94 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

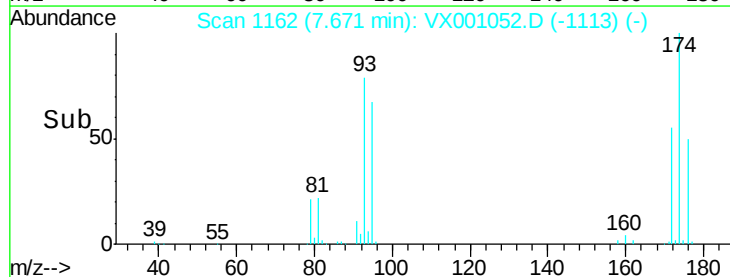
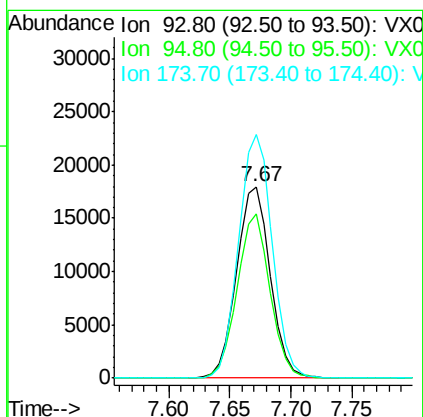
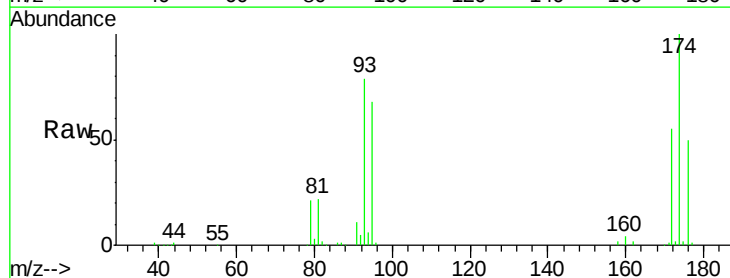
Instrument :
 MSVOA_X
 ClientSampled :
 VX0423WBS01

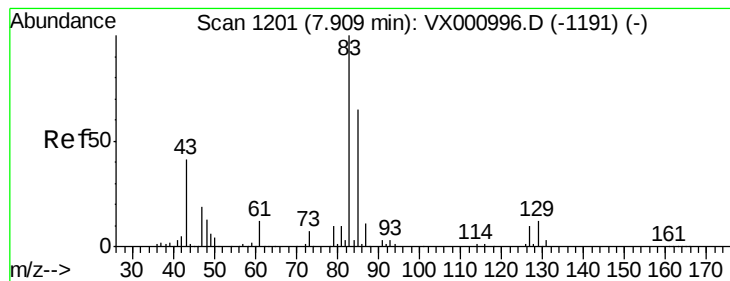
Tgt Ion: 63 Resp: 50522
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.4 36.6



#46
 Dibromomethane
 Concen: 19.42 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion: 93 Resp: 34383
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.7 100.1
 174 127.2 101.8 152.6





#47

Bromodichloromethane

Concen: 19.80 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

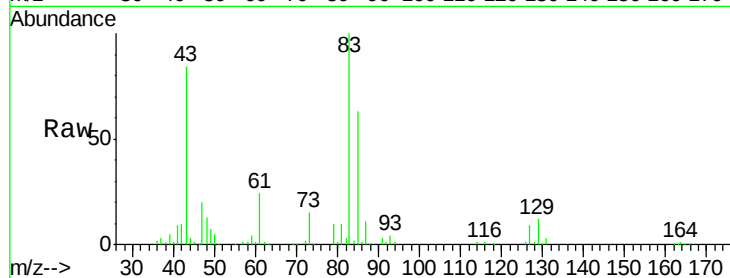
Tgt Ion: 83 Resp: 64931

Ion Ratio Lower Upper

83 100

85 63.5 52.3 78.5

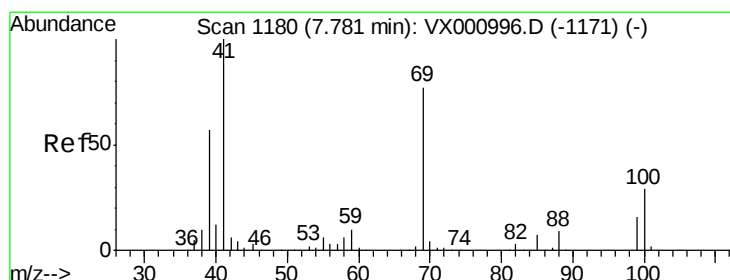
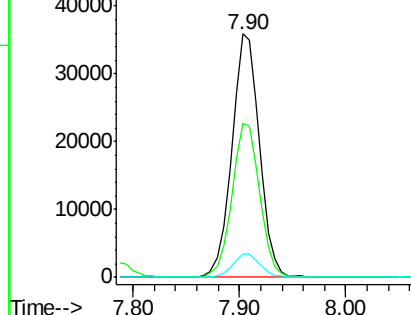
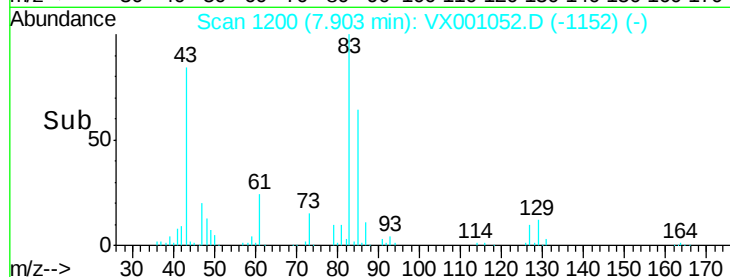
127 9.5 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.32 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

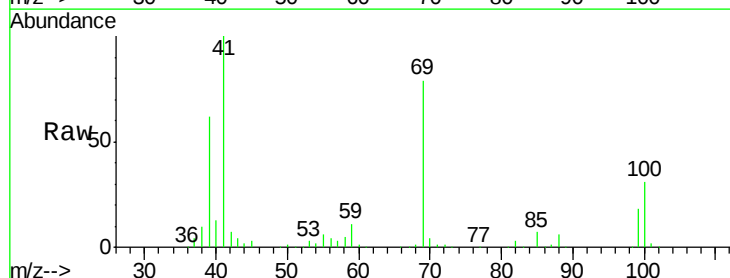
Tgt Ion: 41 Resp: 59343

Ion Ratio Lower Upper

41 100

69 77.4 62.6 94.0

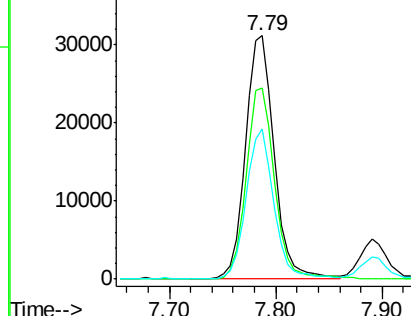
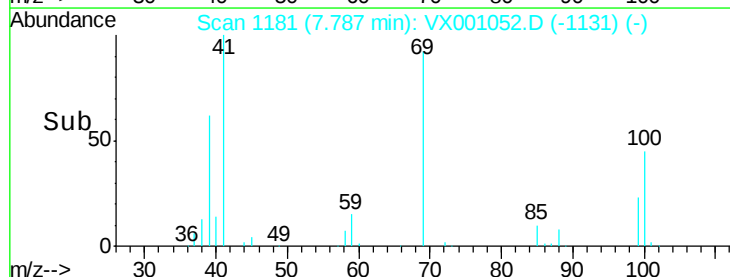
39 58.9 45.3 67.9

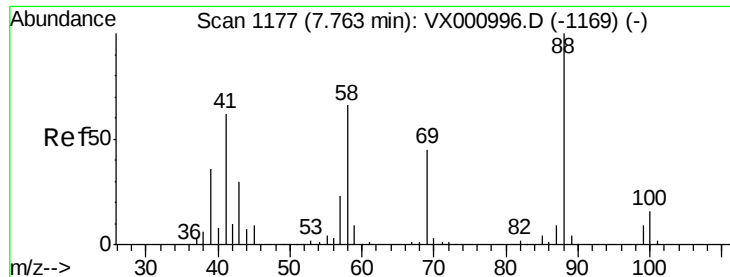


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

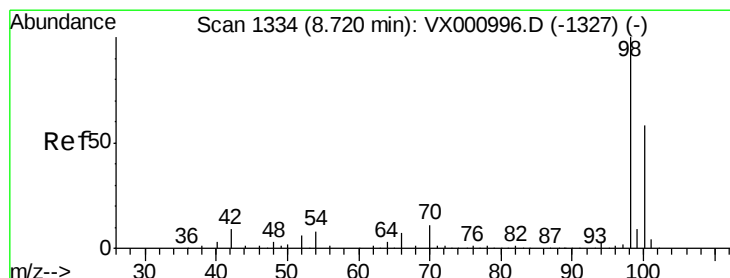
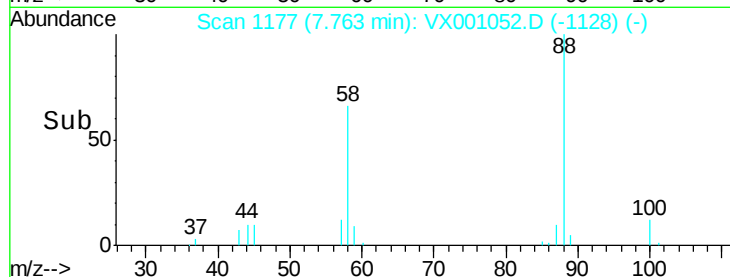
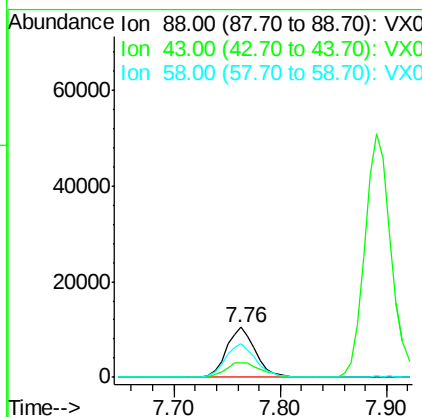
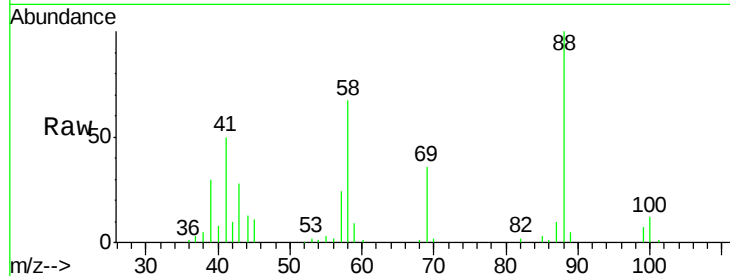




#49
1,4-Dioxane
Concen: 435.67 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

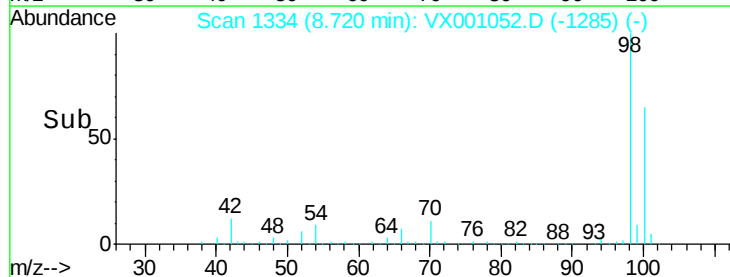
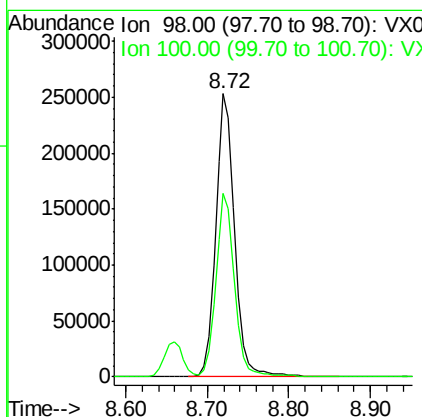
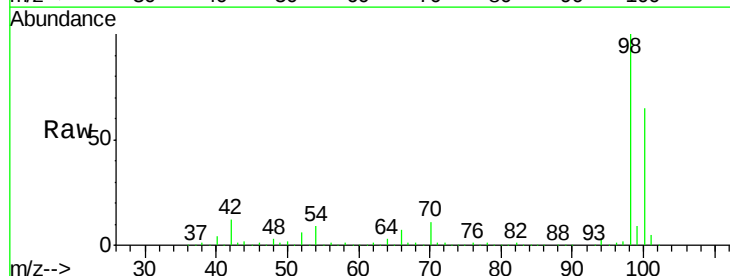
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

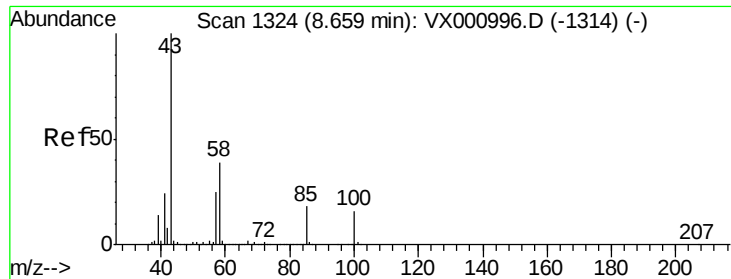
Tgt Ion: 88 Resp: 19677
Ion Ratio Lower Upper
88 100
43 35.6 29.2 43.8
58 71.8 55.0 82.6



#50
Toluene-d8
Concen: 47.24 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion: 98 Resp: 410827
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

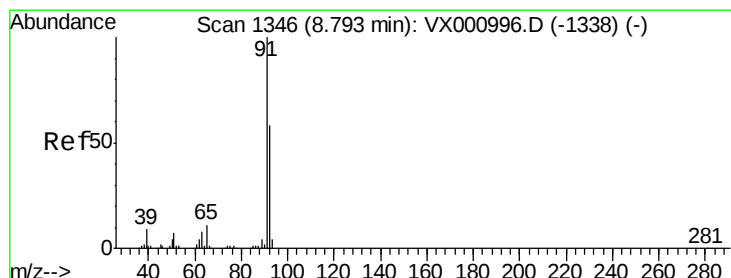
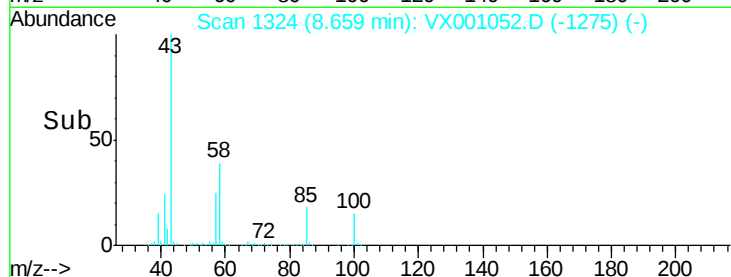
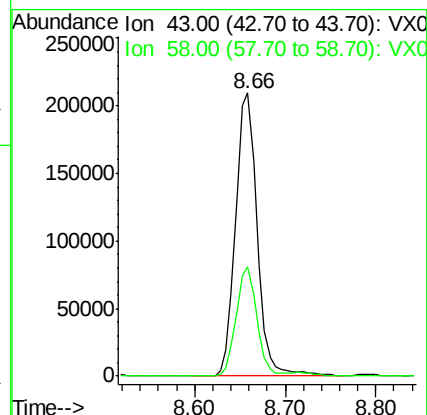
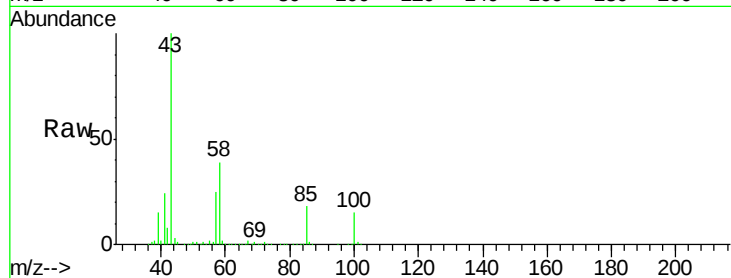




#51
 4-Methyl-2-Pentanone
 Concen: 100.47 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

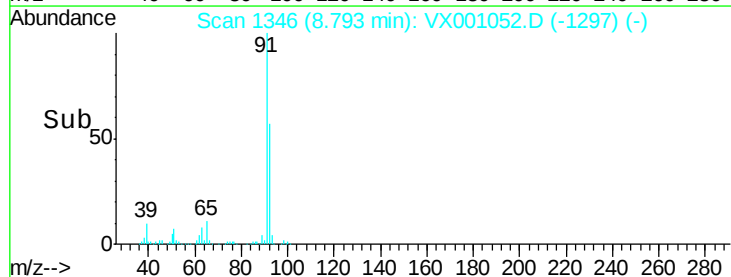
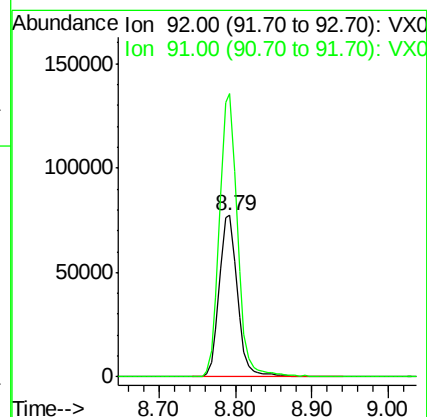
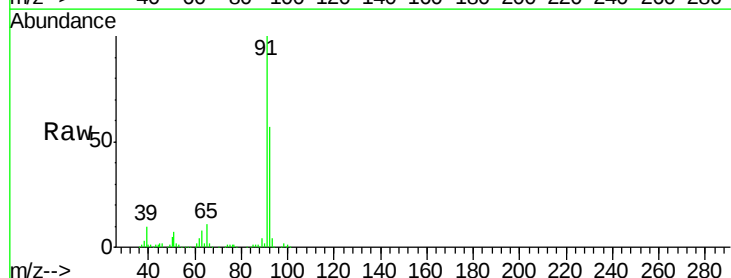
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

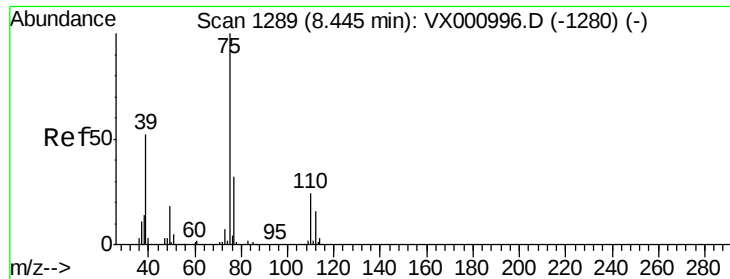
Tgt Ion: 43 Resp: 347944
 Ion Ratio Lower Upper
 43 100
 58 36.9 30.2 45.4



#52
 Toluene
 Concen: 19.52 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion: 92 Resp: 128396
 Ion Ratio Lower Upper
 92 100
 91 173.8 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 19.77 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

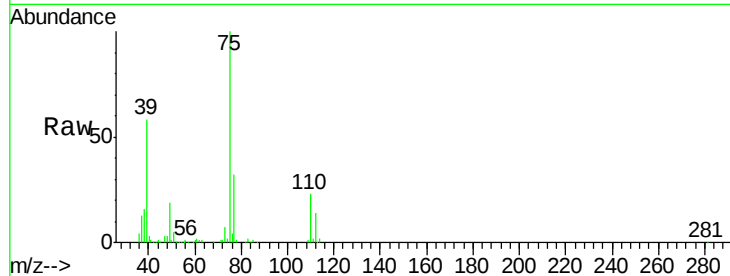
VX0423WBS01

Tgt Ion: 75 Resp: 77535

Ion Ratio Lower Upper

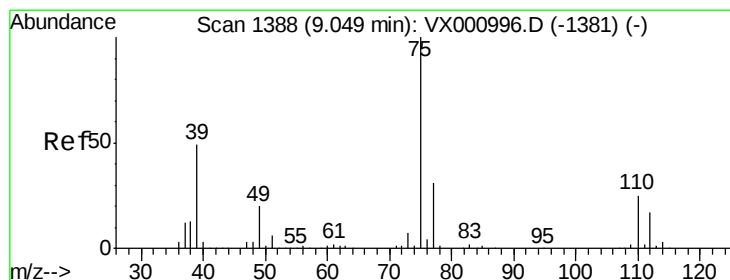
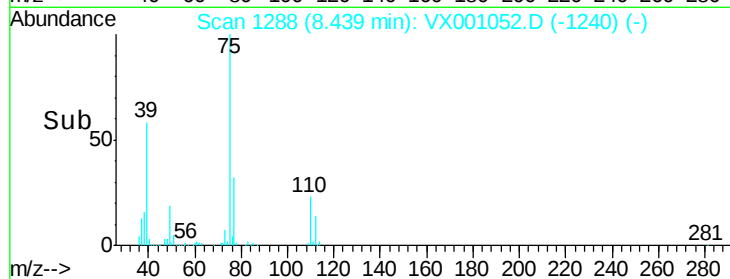
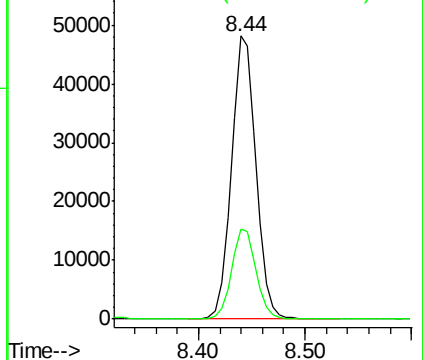
75 100

77 31.6 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.09 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

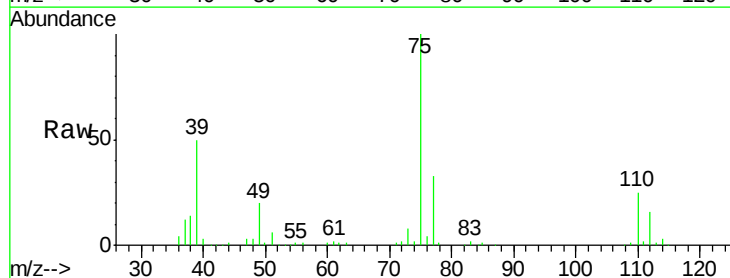
Tgt Ion: 75 Resp: 74298

Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.6

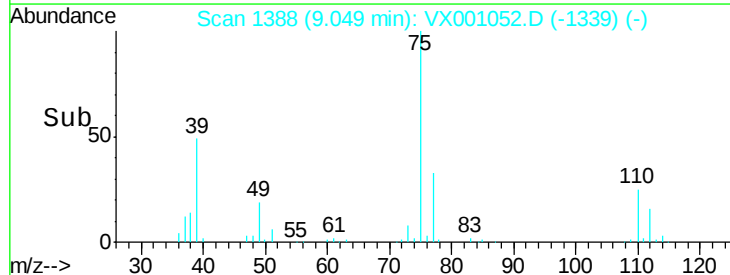
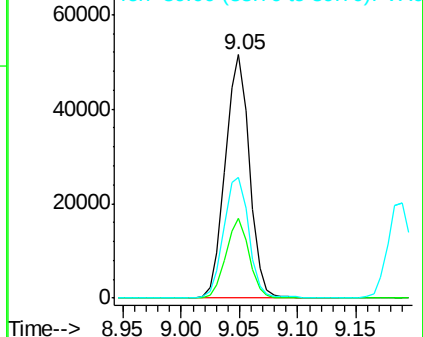
39 49.4 39.2 58.8

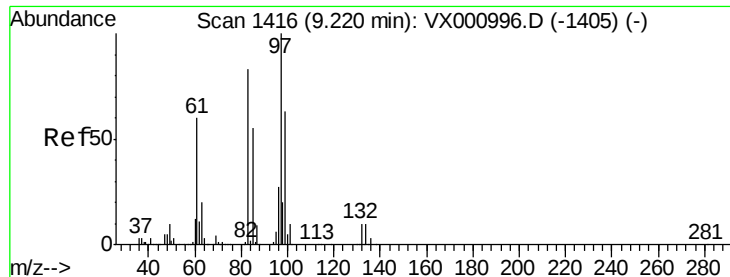


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.31 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS01

Tgt Ion: 97 Resp: 50478

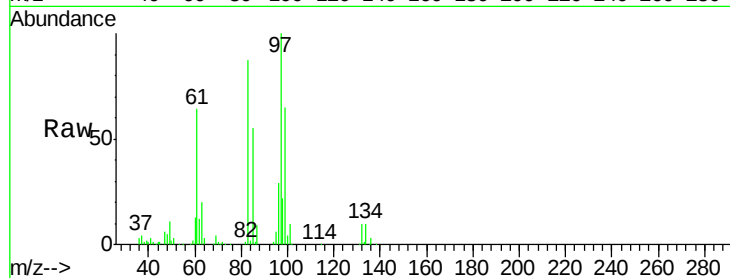
Ion Ratio Lower Upper

97 100

83 87.2 66.2 99.4

85 54.9 44.2 66.4

99 65.1 50.2 75.4



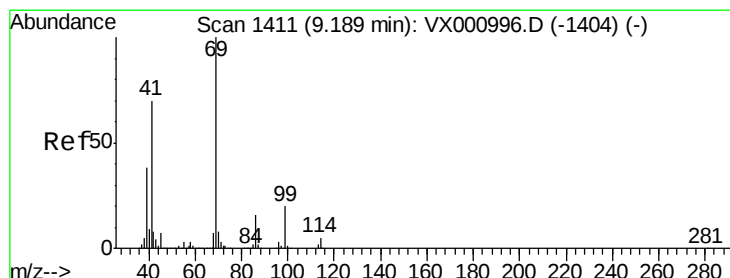
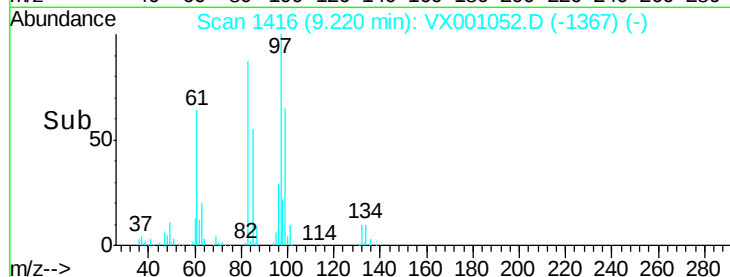
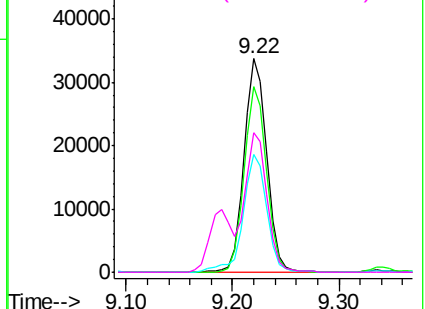
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.52 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

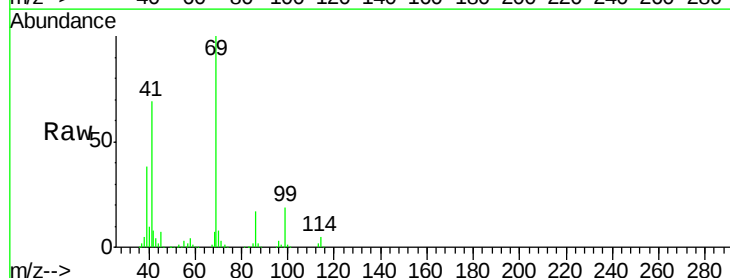
Tgt Ion: 69 Resp: 74965

Ion Ratio Lower Upper

69 100

41 70.1 56.3 84.5

39 39.8 30.4 45.6

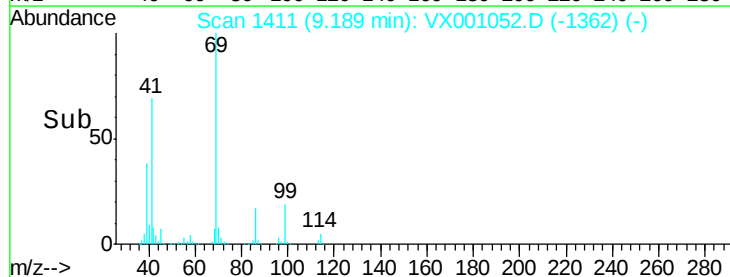
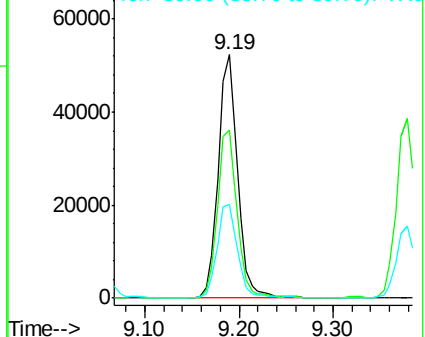


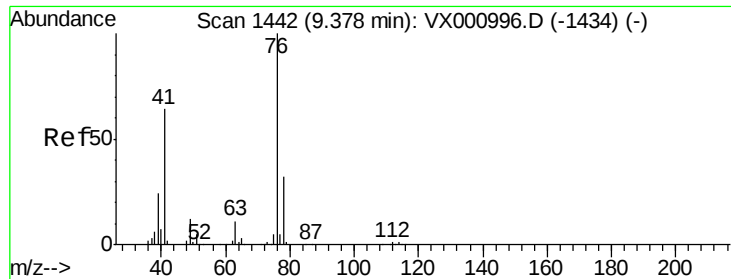
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.27 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

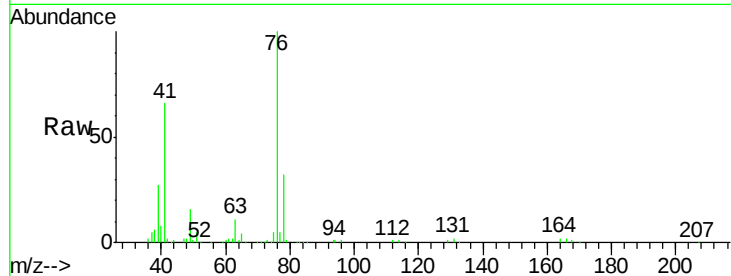
VX0423WBS01

Tgt Ion: 76 Resp: 83465

Ion Ratio Lower Upper

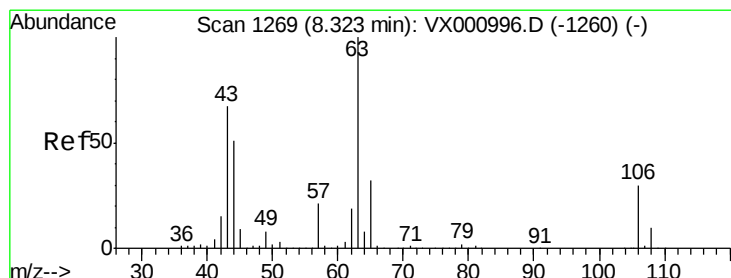
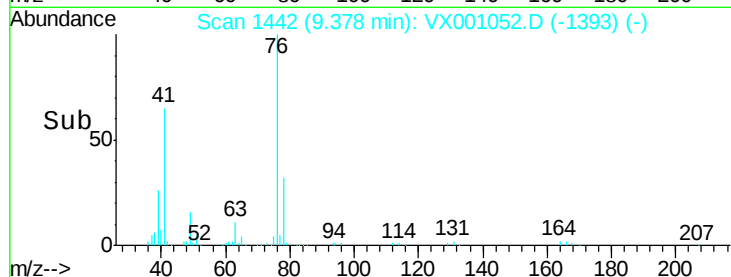
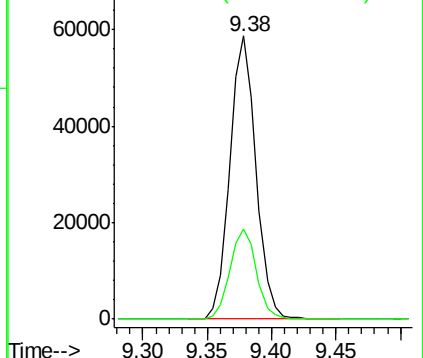
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 97.40 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001052.D

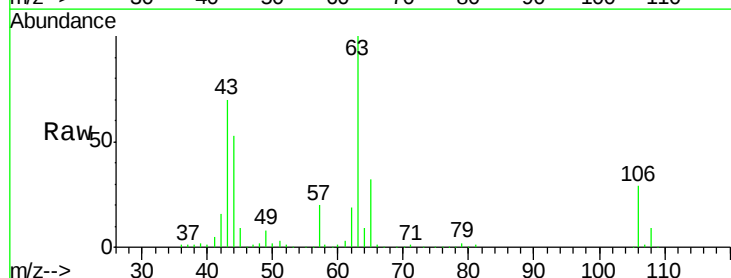
Acq: 23 Apr 2018 12:29

Tgt Ion: 63 Resp: 182522

Ion Ratio Lower Upper

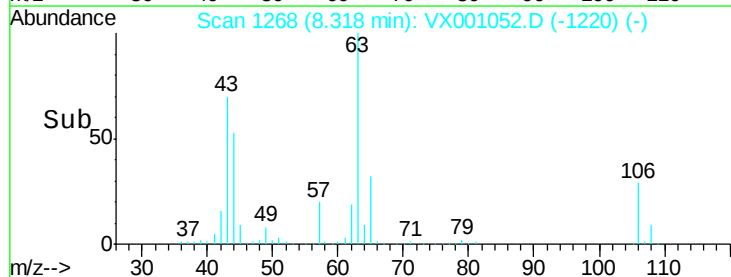
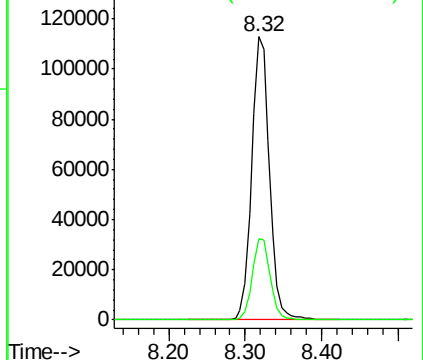
63 100

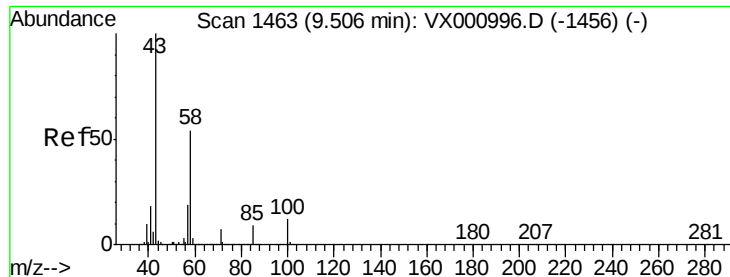
106 29.0 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

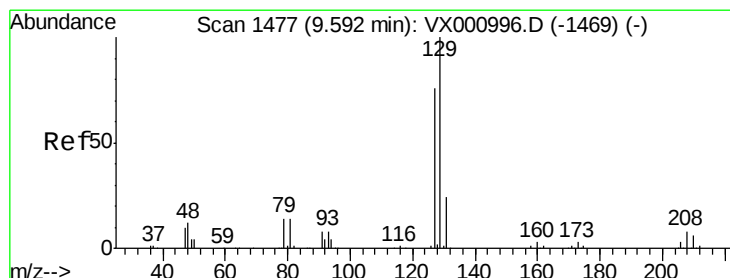
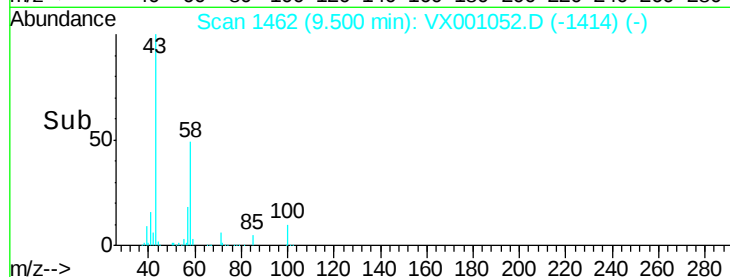
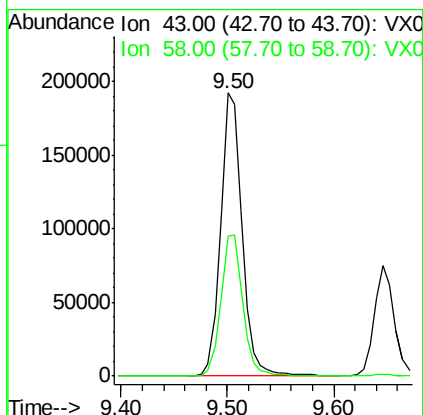
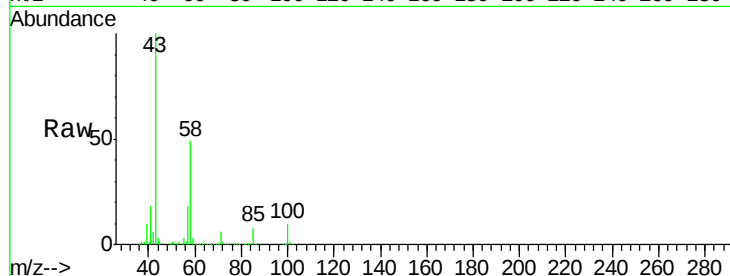




#59
2-Hexanone
Concen: 102.02 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

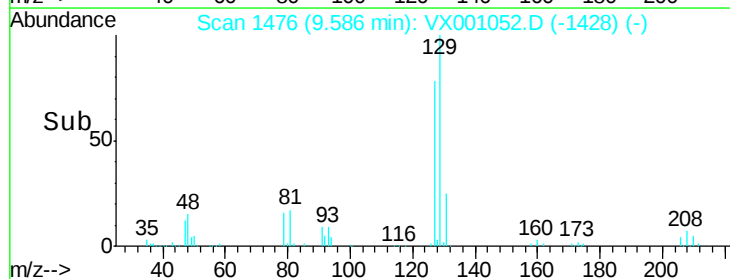
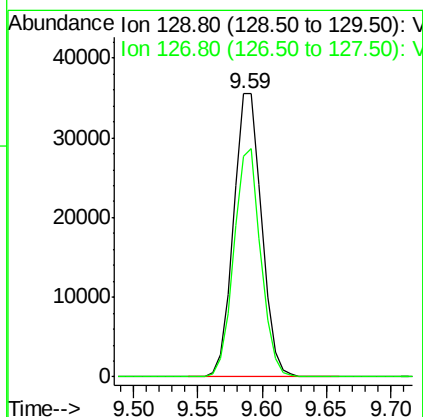
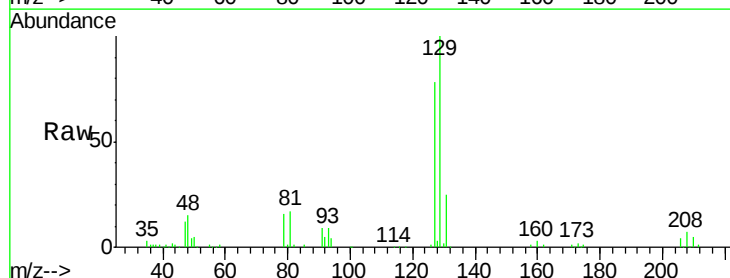
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

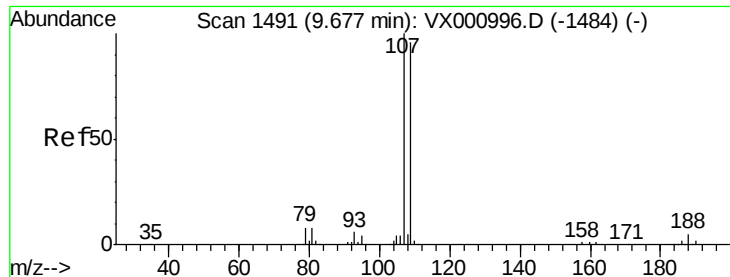
Tgt Ion: 43 Resp: 270442
Ion Ratio Lower Upper
43 100
58 51.3 26.3 78.9



#60
Dibromochloromethane
Concen: 19.68 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion: 129 Resp: 54026
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.65 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

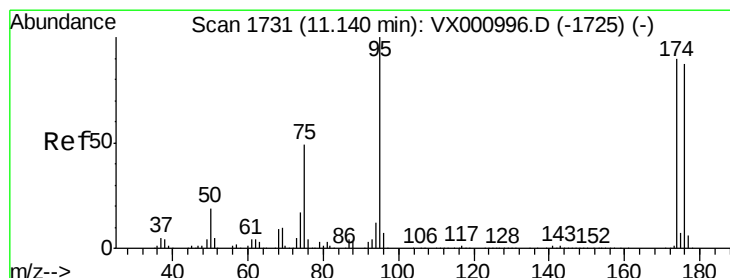
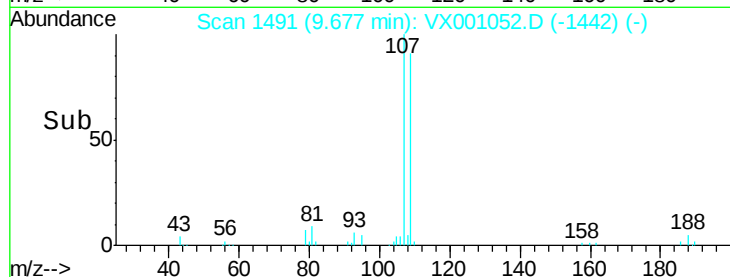
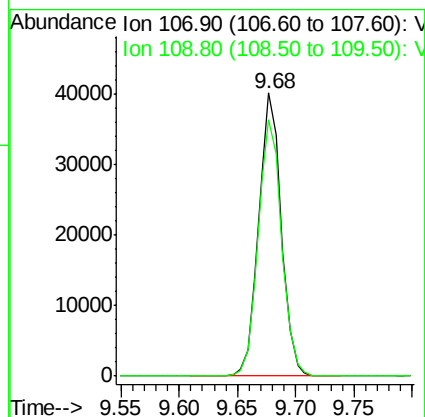
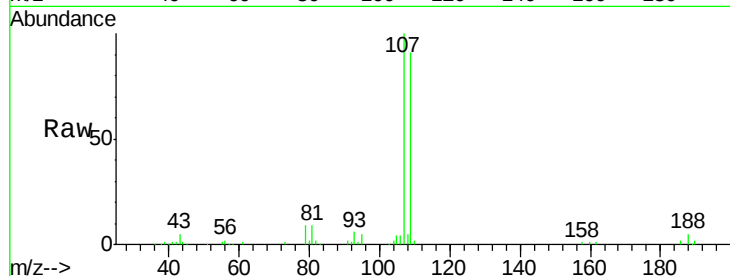
VX0423WBS01

Tgt Ion: 107 Resp: 54215

Ion Ratio Lower Upper

107 100

109 94.2 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 46.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

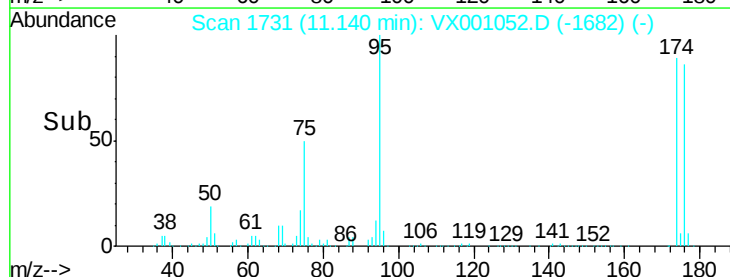
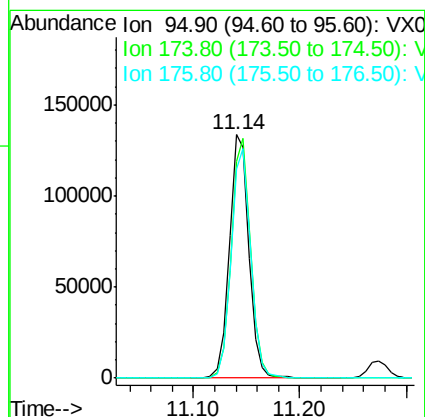
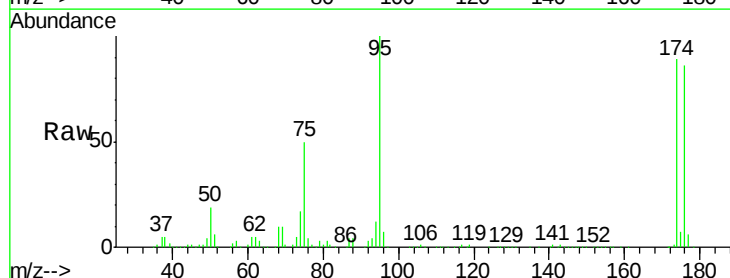
Tgt Ion: 95 Resp: 170967

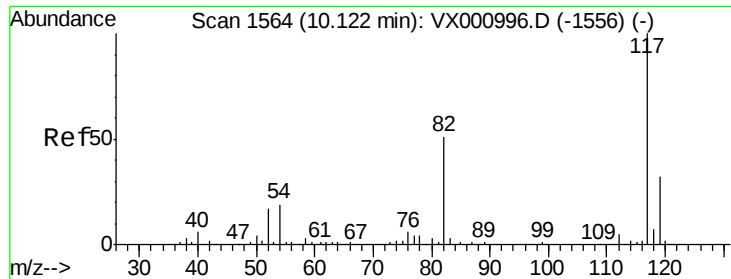
Ion Ratio Lower Upper

95 100

174 97.6 0.0 198.4

176 94.9 0.0 192.0

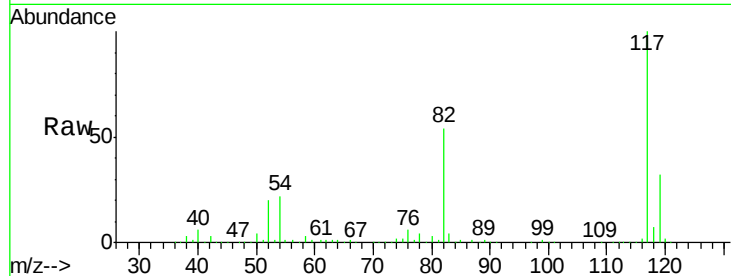




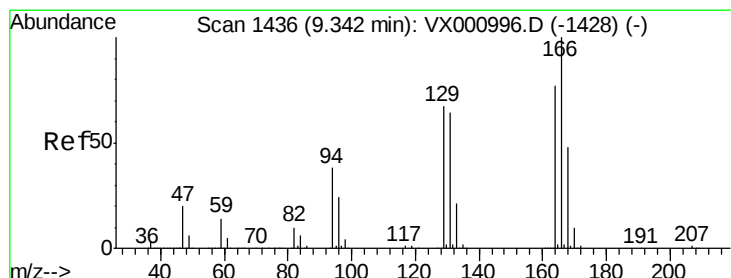
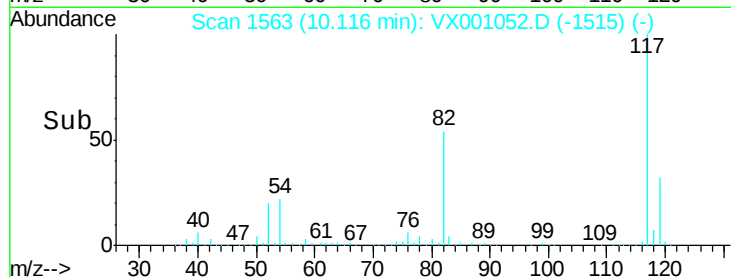
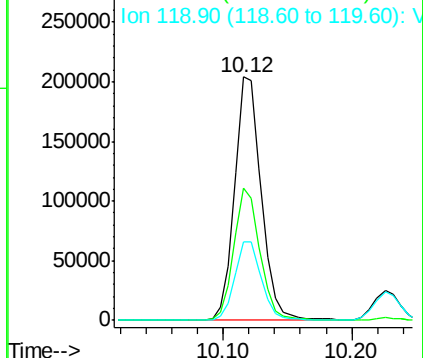
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampled :
VX0423WBS01

Tgt Ion:117 Resp: 294424
Ion Ratio Lower Upper
117 100
82 54.3 40.6 60.8
119 32.5 26.0 39.0



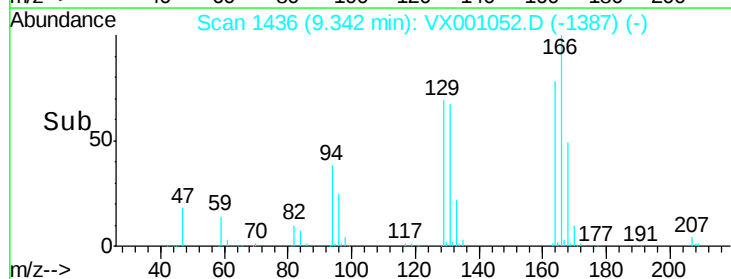
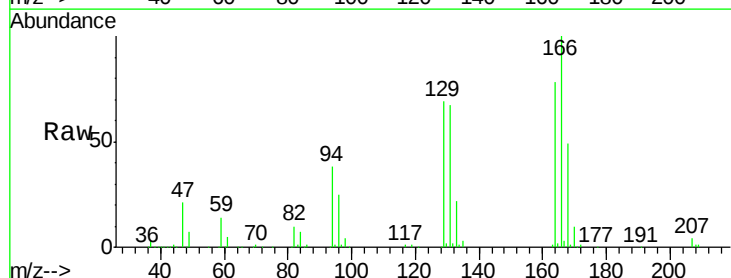
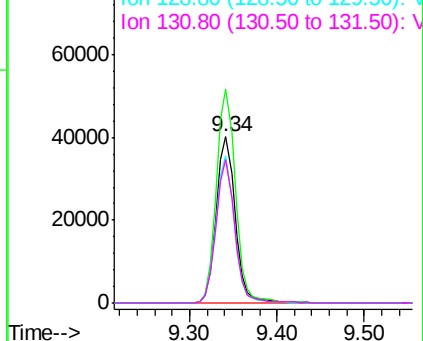
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

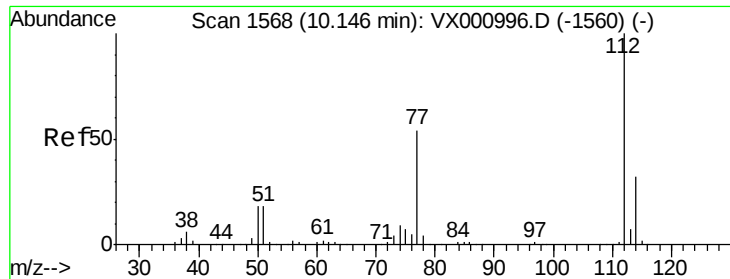


#64
Tetrachloroethene
Concen: 19.39 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion:164 Resp: 60636
Ion Ratio Lower Upper
164 100
166 128.4 103.5 155.3
129 88.5 69.6 104.4
131 86.3 65.8 98.8

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

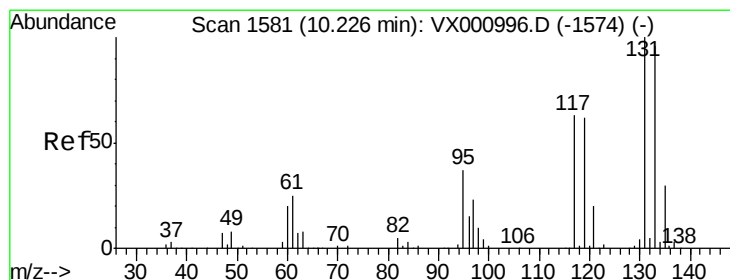
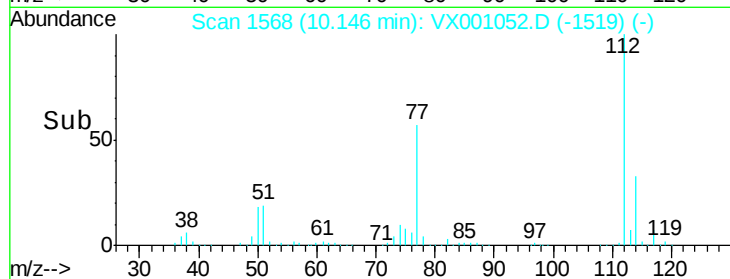
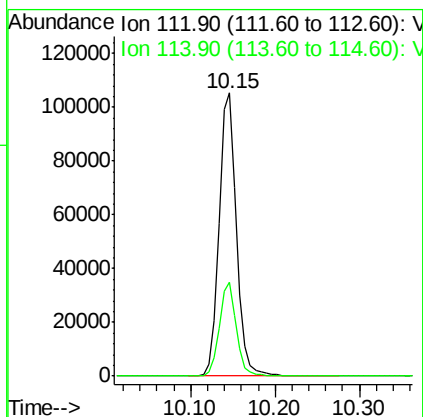
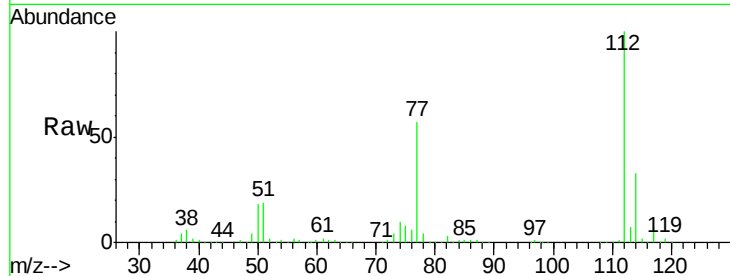




#65
Chlorobenzene
Concen: 19.18 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

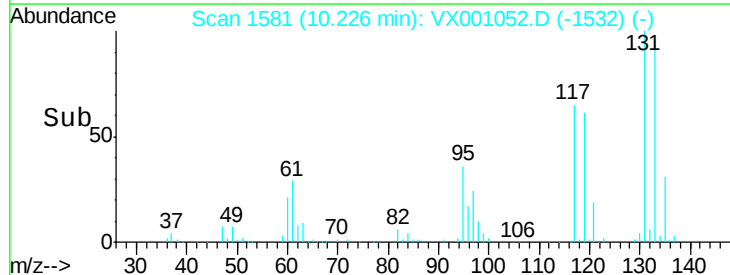
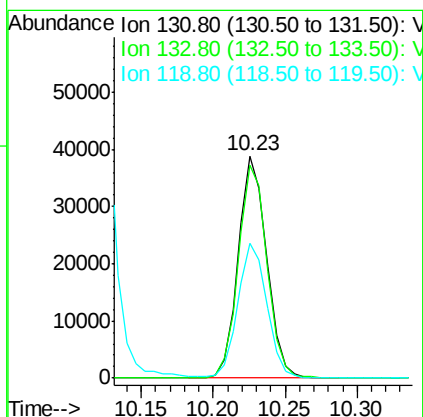
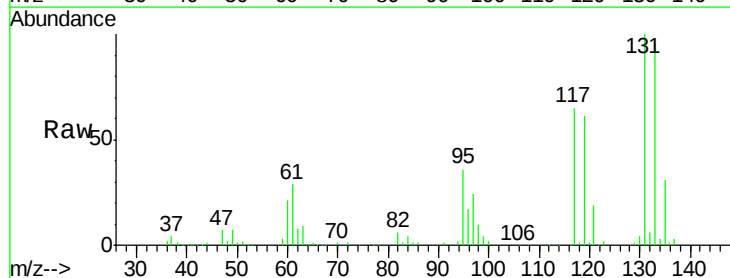
Instrument :
MSVOA_X
ClientSampled :
VX0423WBS01

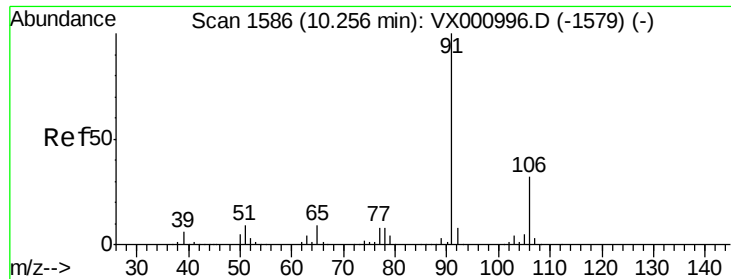
Tgt Ion:112 Resp: 150405
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.81 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion:131 Resp: 53298
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.8
119 62.4 31.1 93.2





#67

Ethyl Benzene

Concen: 19.28 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

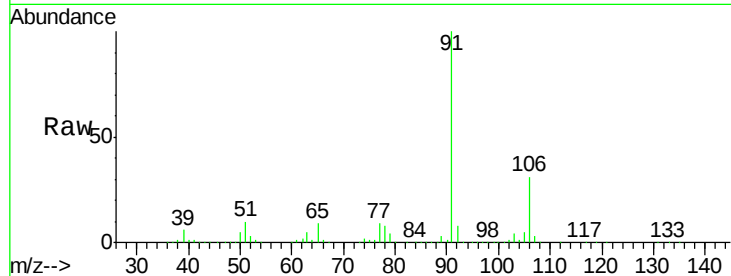
VX0423WBS01

Tgt Ion: 91 Resp: 251067

Ion Ratio Lower Upper

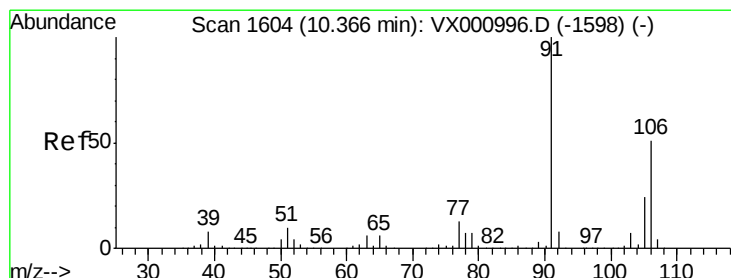
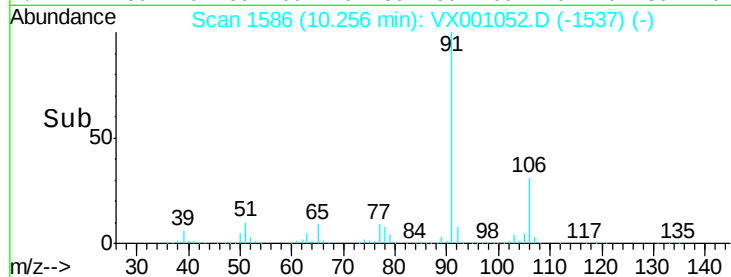
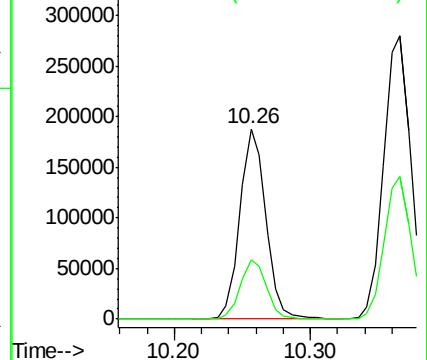
91 100

106 31.3 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.12 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001052.D

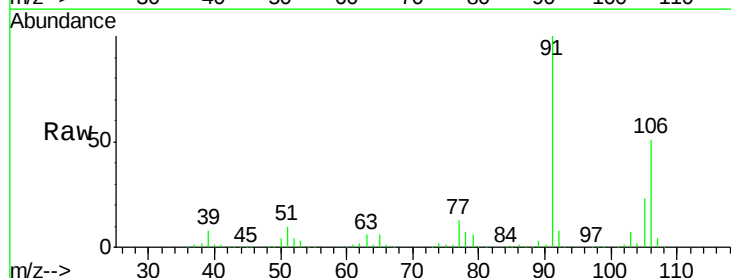
Acq: 23 Apr 2018 12:29

Tgt Ion: 106 Resp: 195620

Ion Ratio Lower Upper

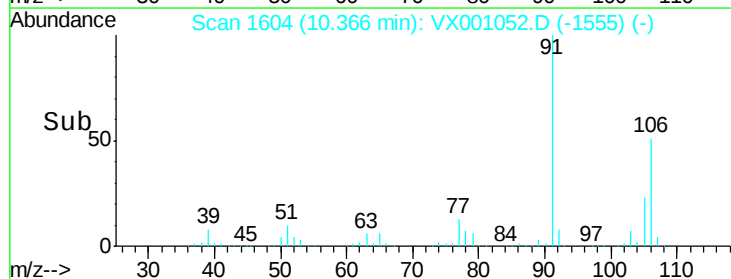
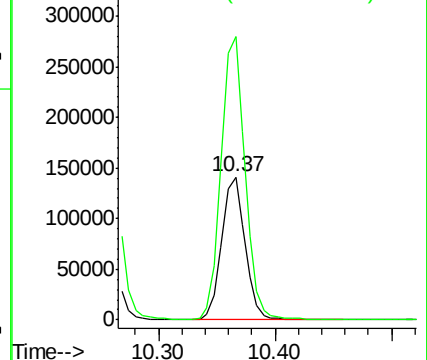
106 100

91 203.1 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

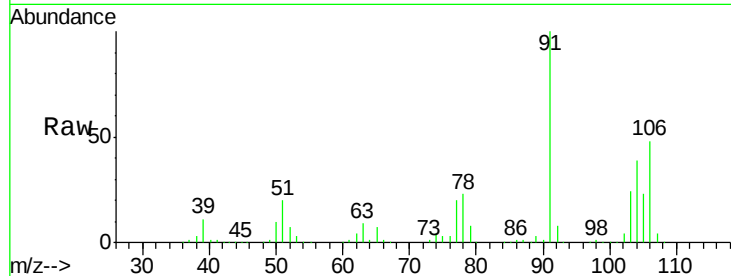




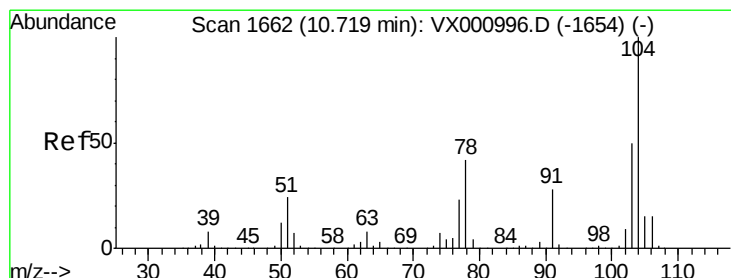
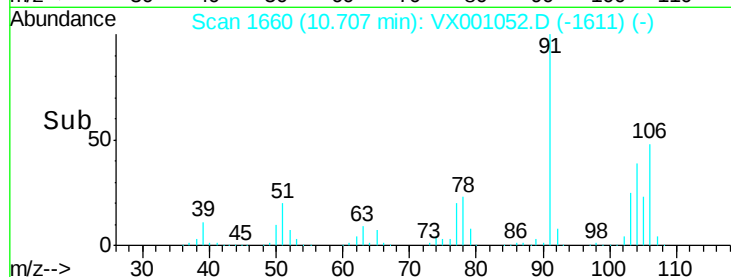
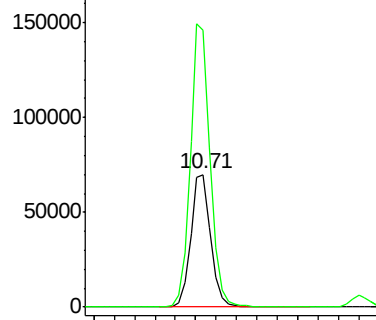
#69
o-Xylene
Concen: 19.23 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tgt Ion:106 Resp: 95117
Ion Ratio Lower Upper
106 100
91 212.5 105.1 315.1

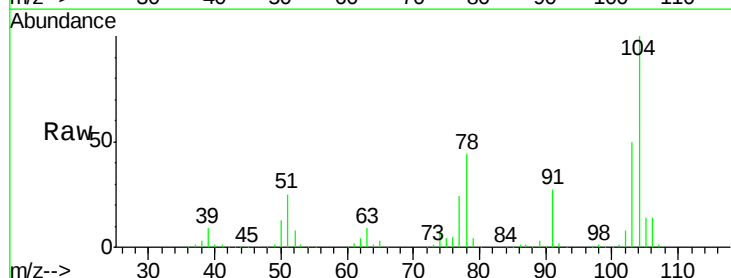


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

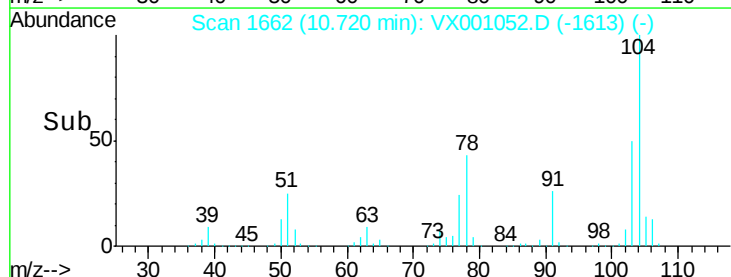
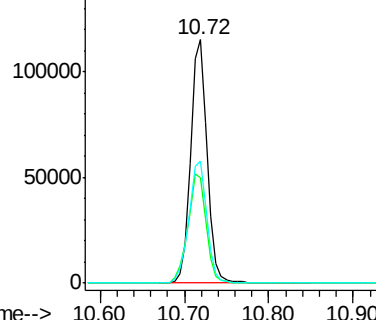


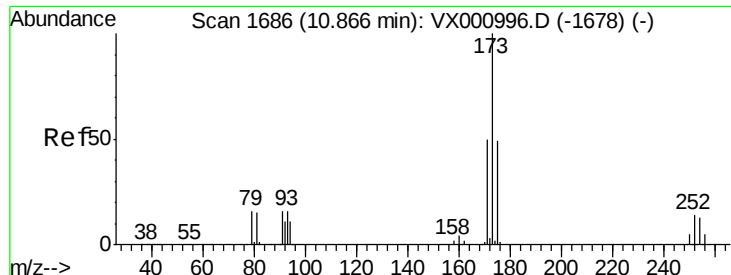
#70
Styrene
Concen: 19.22 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion:104 Resp: 156585
Ion Ratio Lower Upper
104 100
78 50.4 39.4 59.2
103 55.4 44.2 66.2



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

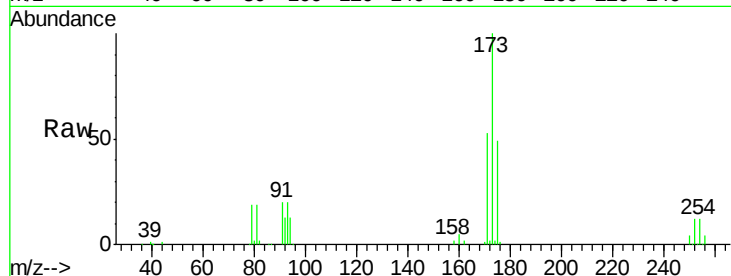




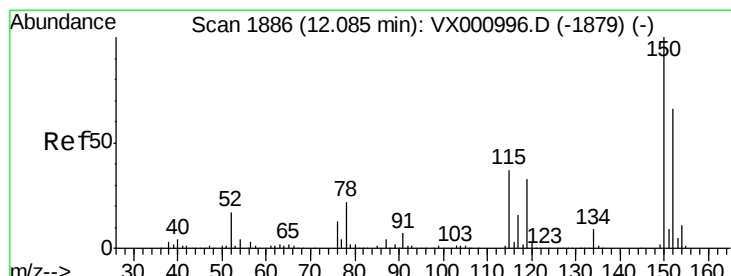
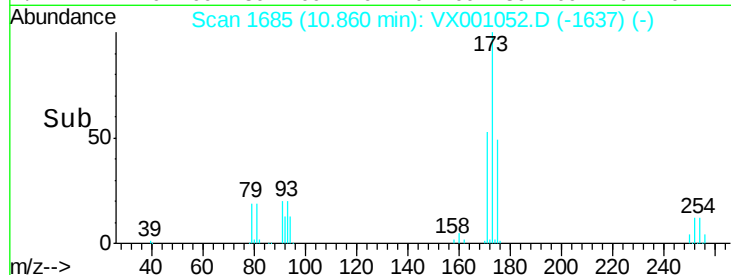
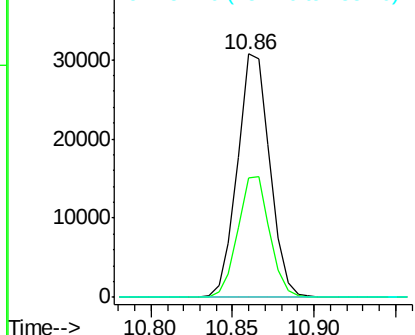
#71
 Bromoform
 Concen: 18.77 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Tgt Ion:173 Resp: 42507
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.8 74.3
 254 0.2 0.2 0.2

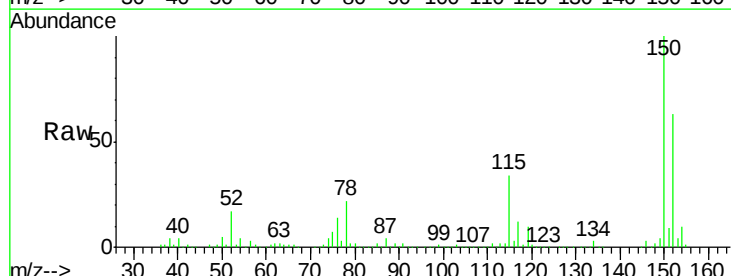


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

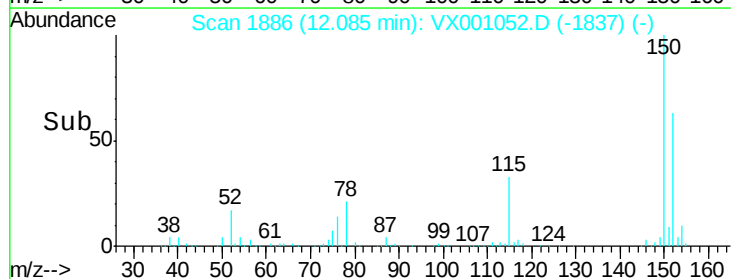
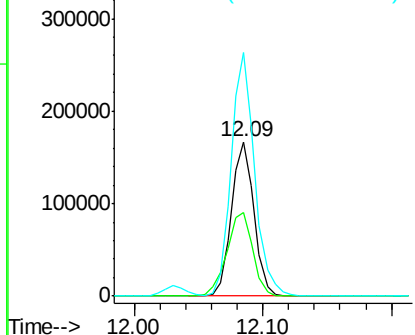


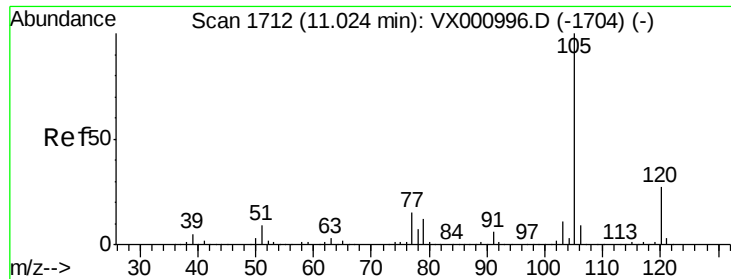
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion:152 Resp: 204683
 Ion Ratio Lower Upper
 152 100
 115 62.7 38.2 114.6
 150 163.4 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.46 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

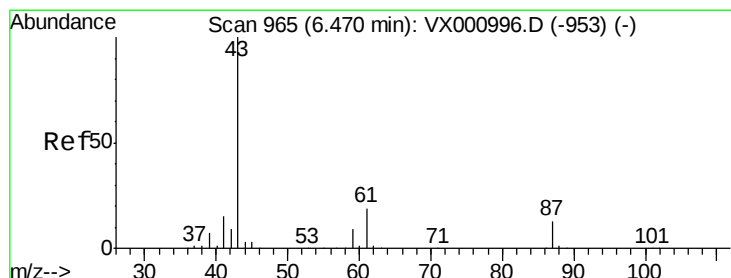
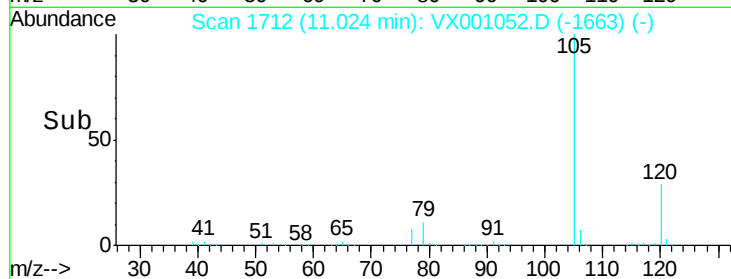
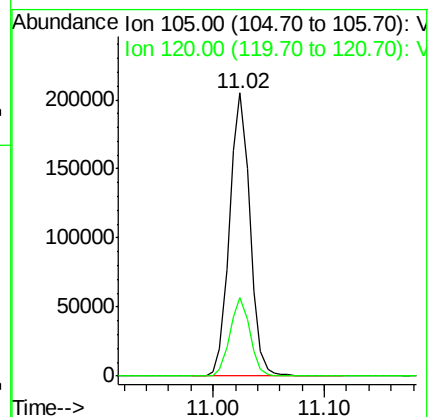
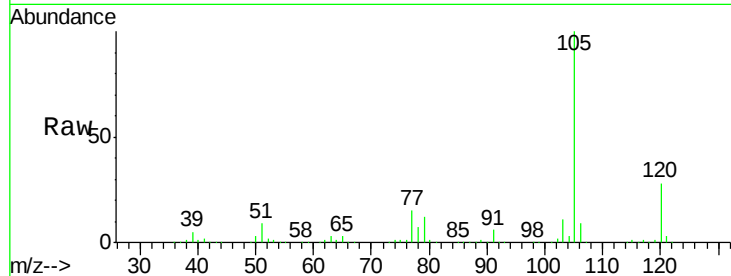
VX0423WBS01

Tgt Ion:105 Resp: 260361

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 19.40 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Tgt Ion: 43 Resp: 111049

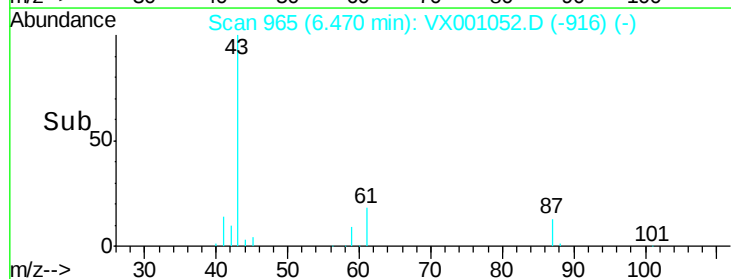
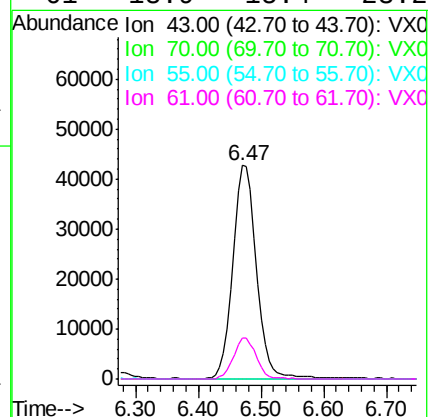
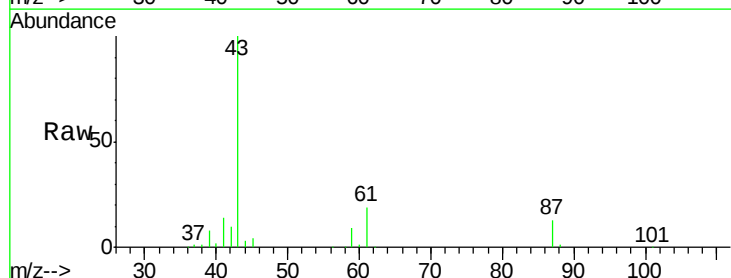
Ion Ratio Lower Upper

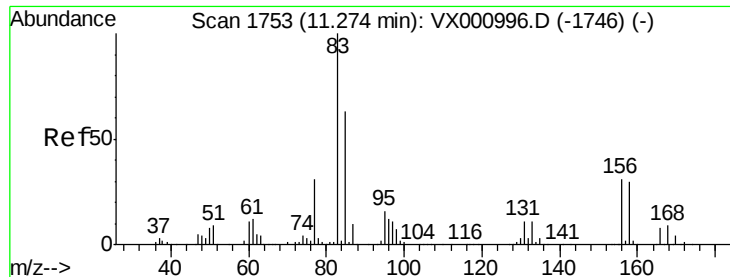
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.9 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.57 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

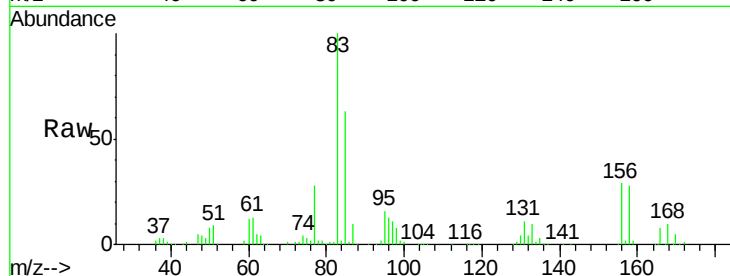
Tgt Ion: 83 Resp: 74132

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

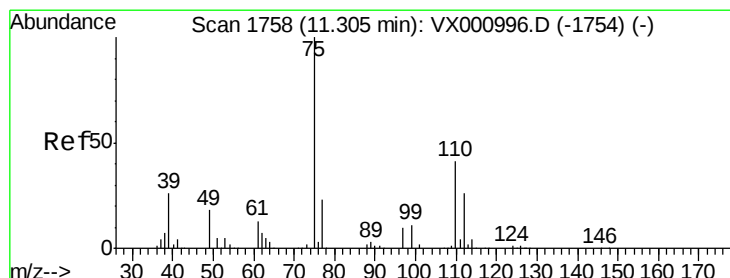
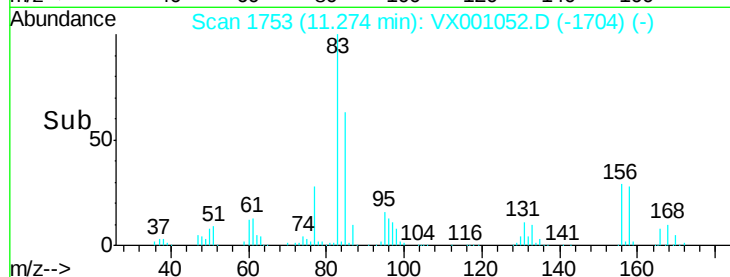
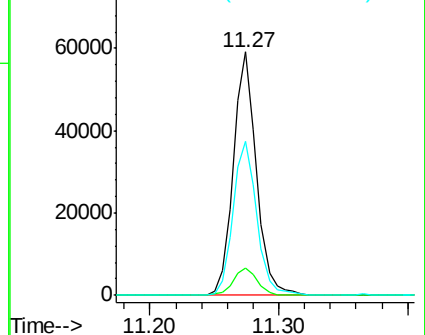
85 65.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.55 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001052.D

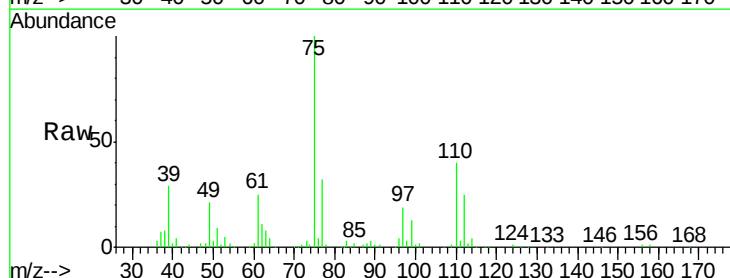
Acq: 23 Apr 2018 12:29

Tgt Ion: 75 Resp: 83626

Ion Ratio Lower Upper

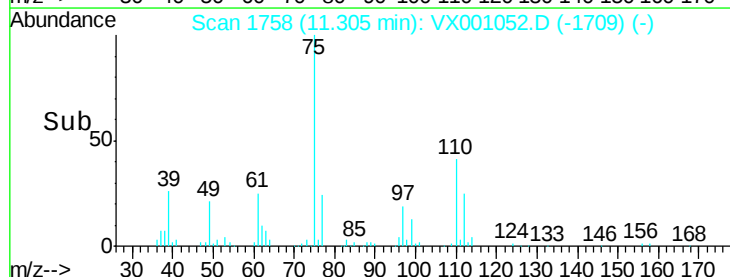
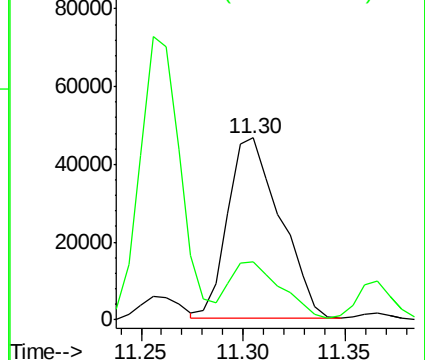
75 100

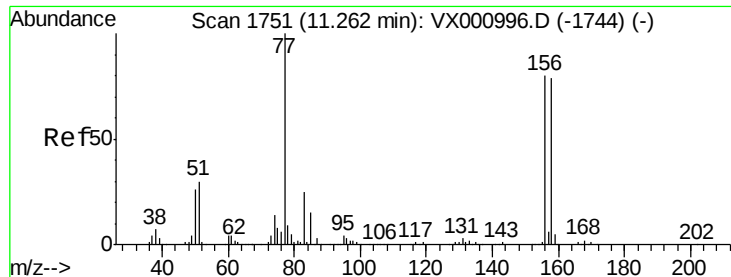
77 31.3 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.02 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

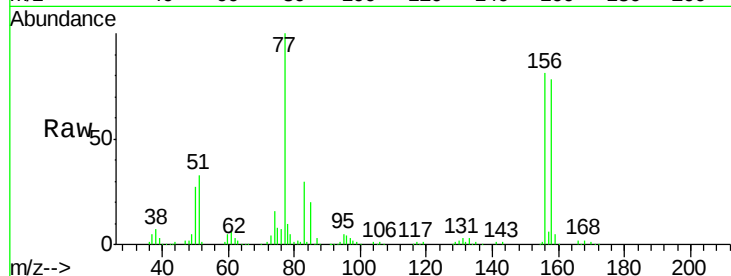
Tgt Ion:156 Resp: 73890

Ion Ratio Lower Upper

156 100

77 135.4 66.3 199.0

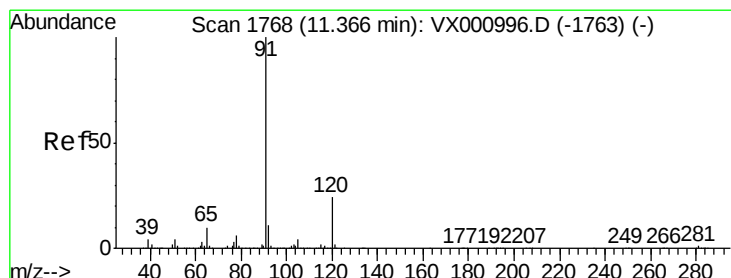
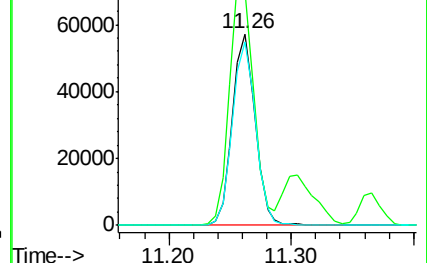
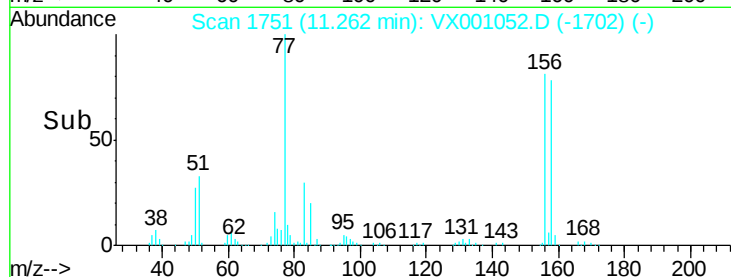
158 97.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.39 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001052.D

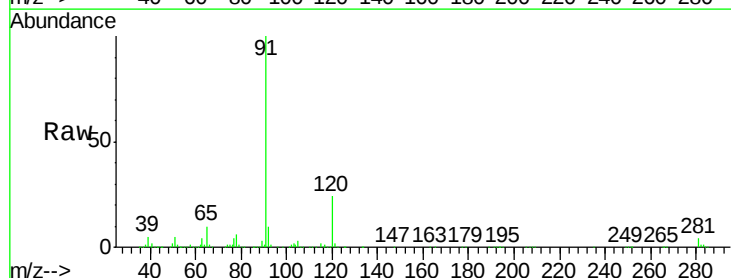
Acq: 23 Apr 2018 12:29

Tgt Ion: 91 Resp: 297909

Ion Ratio Lower Upper

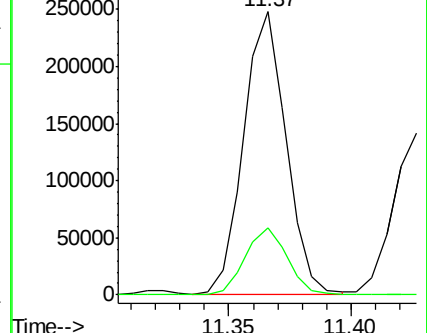
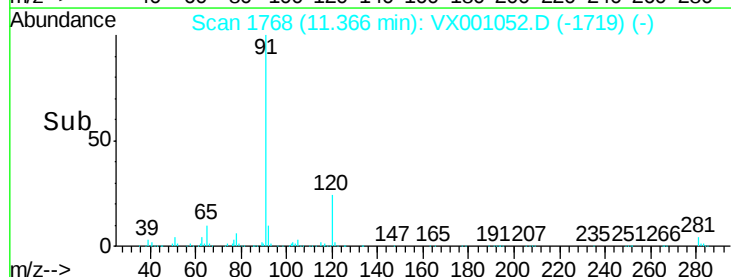
91 100

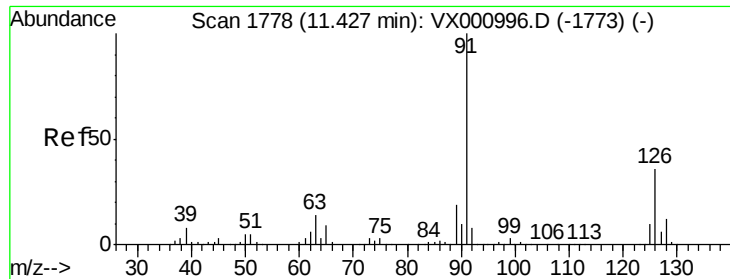
120 23.8 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.39 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

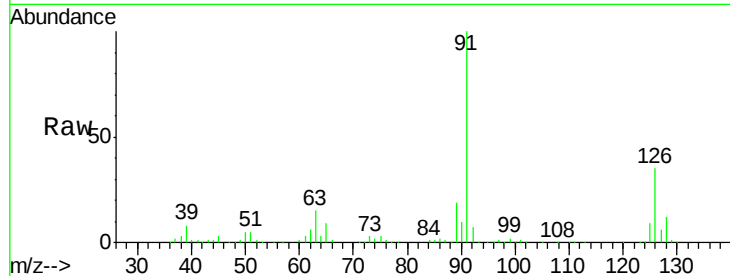
VX0423WBS01

Tgt Ion: 91 Resp: 175981

Ion Ratio Lower Upper

91 100

126 36.2 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000996.D (-1773) (-)

250000

200000

150000

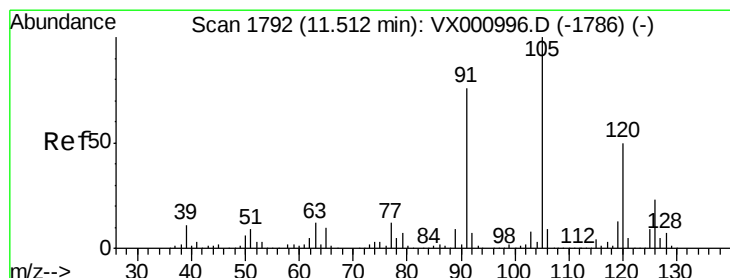
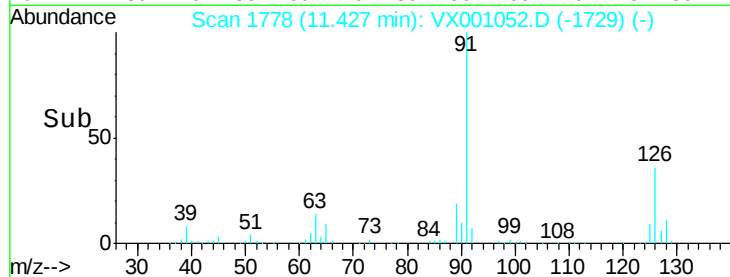
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.38 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001052.D

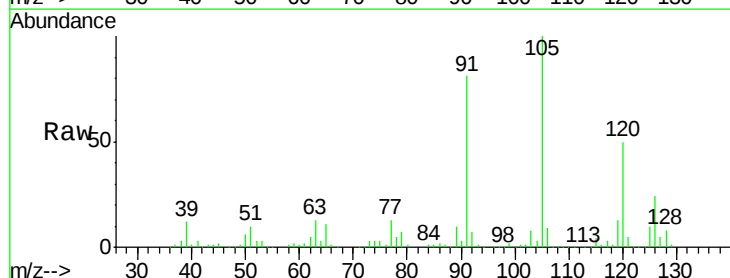
Acq: 23 Apr 2018 12:29

Tgt Ion: 105 Resp: 219849

Ion Ratio Lower Upper

105 100

120 49.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000996.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000996.D (-1786) (-)

200000

150000

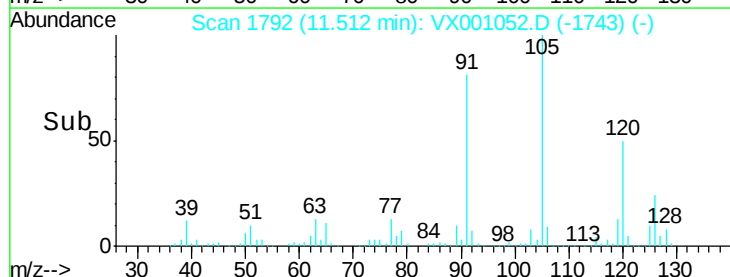
100000

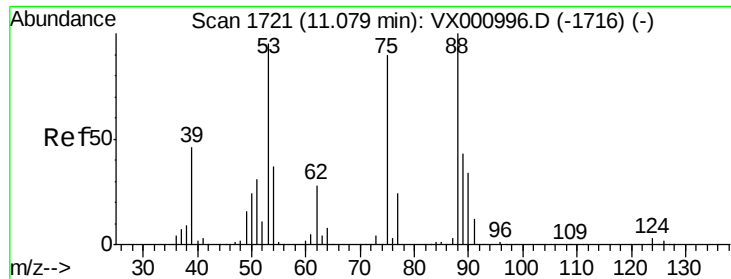
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.93 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBS01

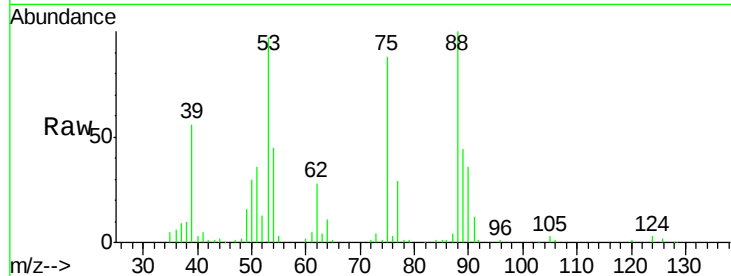
Tgt Ion: 75 Resp: 18172

Ion Ratio Lower Upper

75 100

53 115.5 83.4 125.2

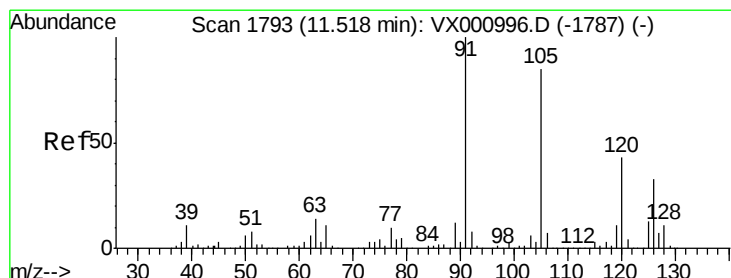
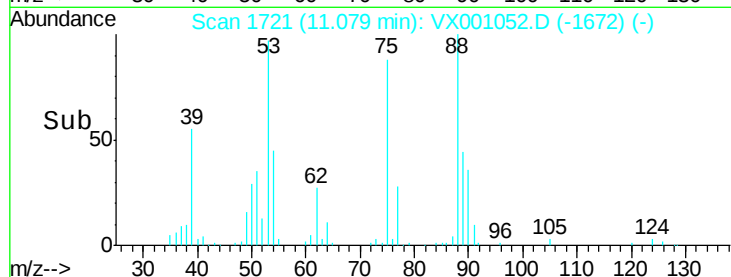
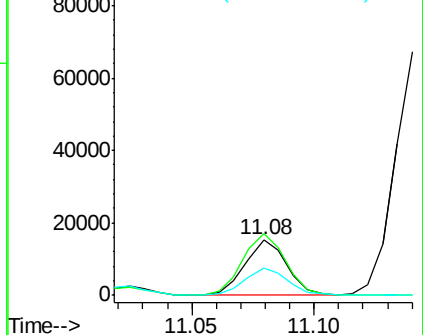
89 50.8 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.19 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001052.D

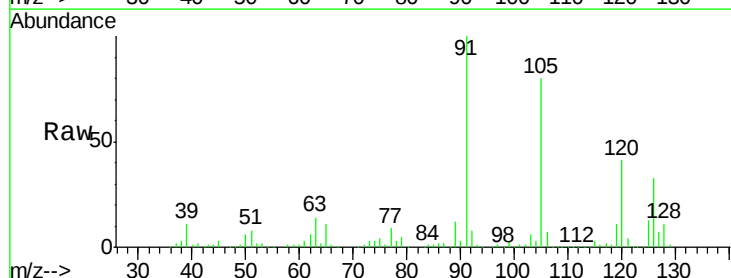
Acq: 23 Apr 2018 12:29

Tgt Ion: 91 Resp: 210476

Ion Ratio Lower Upper

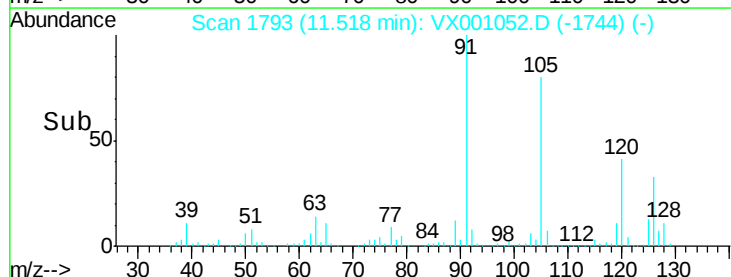
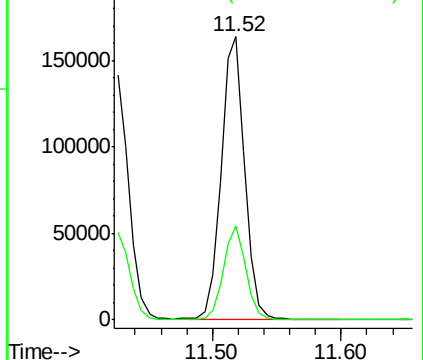
91 100

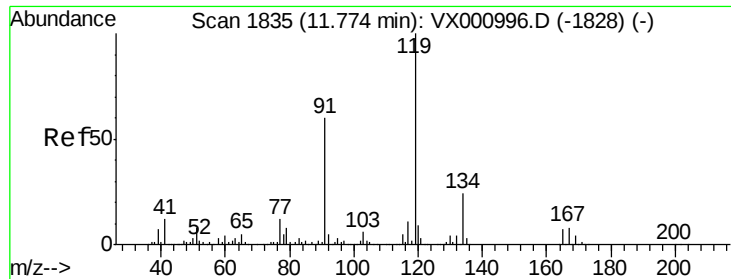
126 31.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

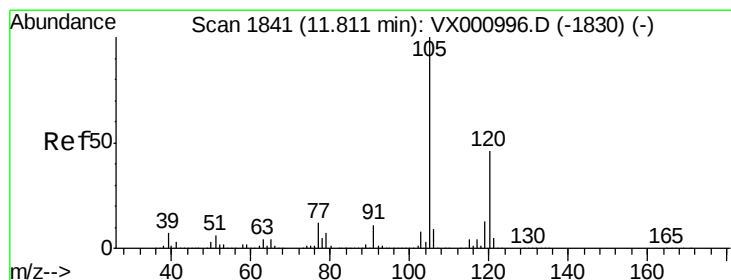
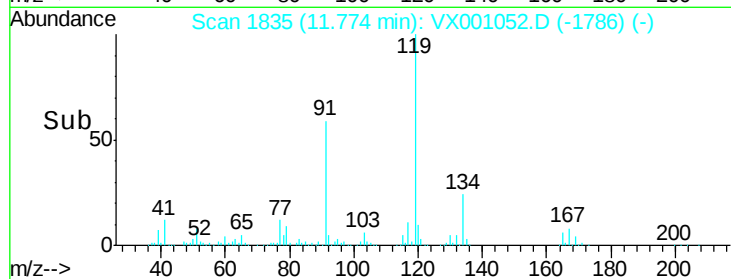
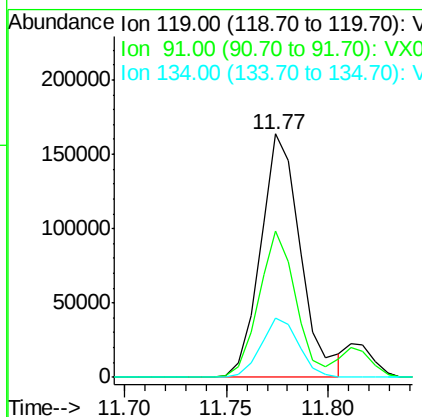
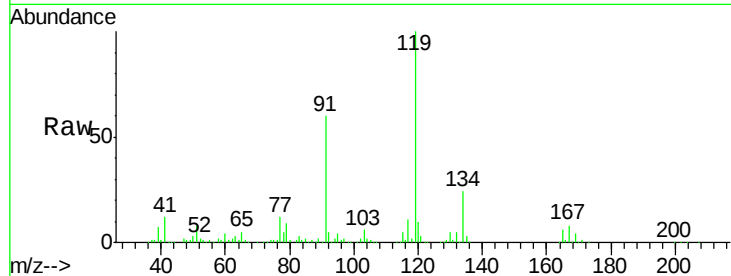




#83
 tert-Butylbenzene
 Concen: 19.48 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

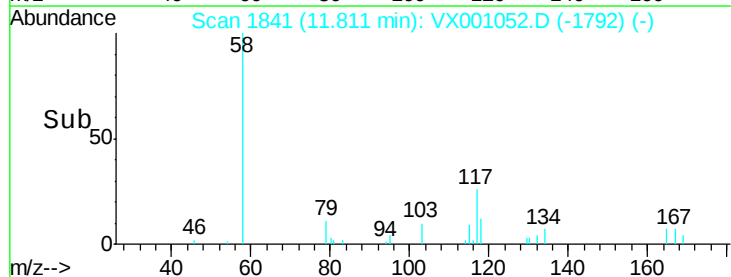
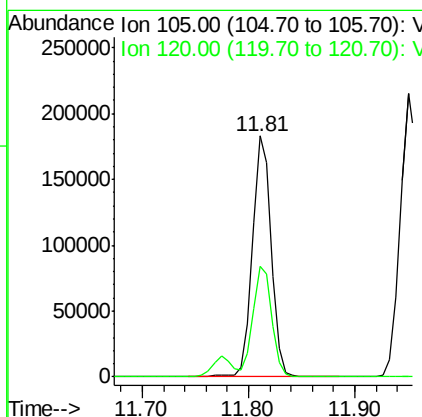
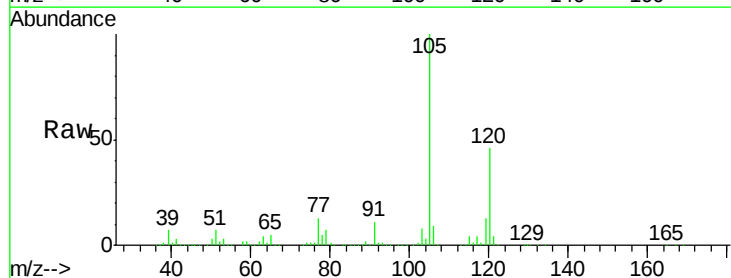
Instrument :
 MSVOA_X
 ClientSampled :
 VX0423WBS01

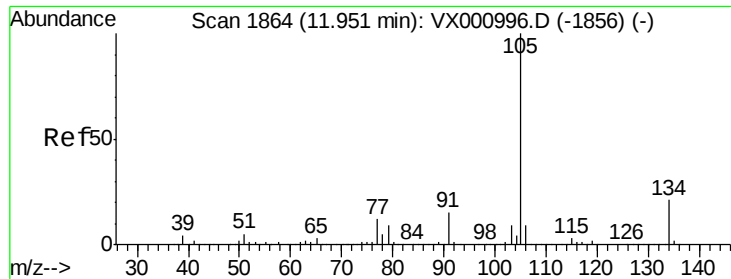
Tgt Ion:119 Resp: 222939
 Ion Ratio Lower Upper
 119 100
 91 55.6 27.0 81.0
 134 23.4 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.38 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion:105 Resp: 226218
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.0 69.0

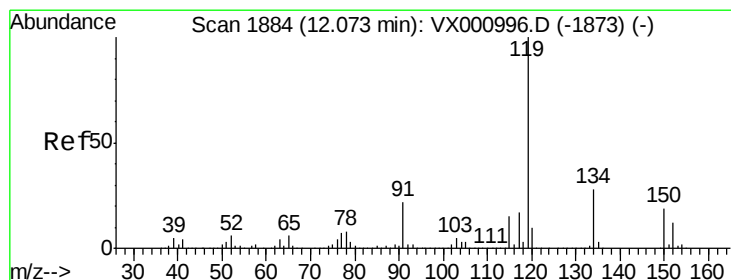
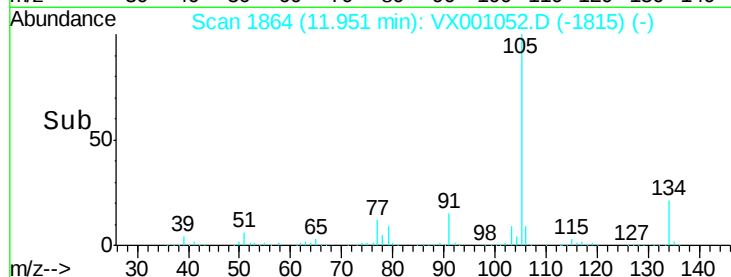
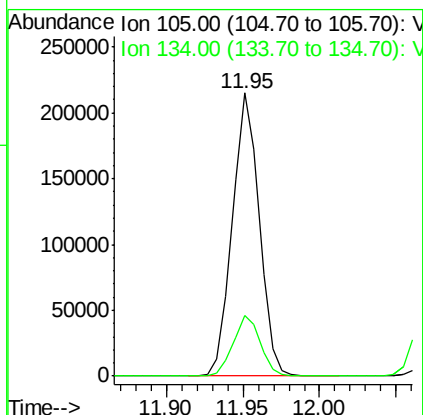
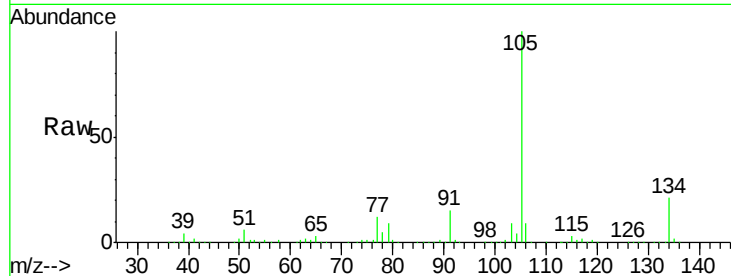




#85
 sec-Butylbenzene
 Concen: 19.19 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

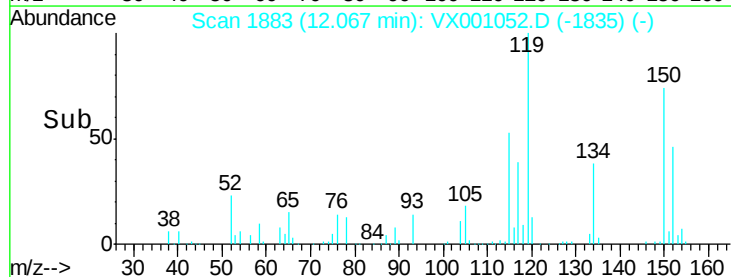
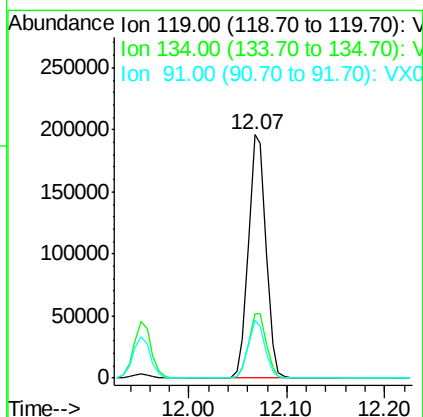
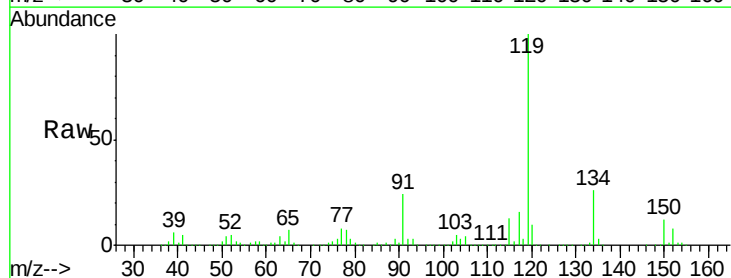
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

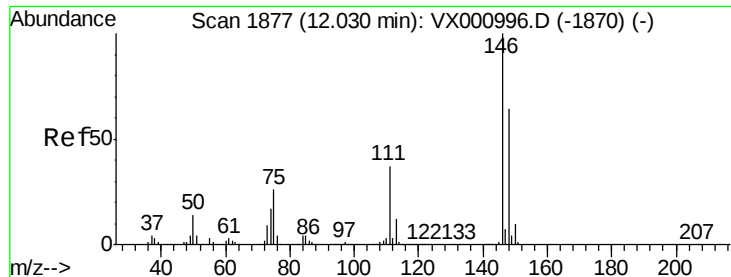
Tgt Ion:105 Resp: 262070
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 19.31 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion:119 Resp: 244019
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 22.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.17 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0423WBS01

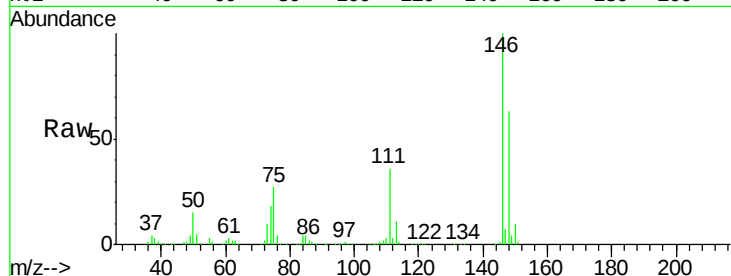
Tgt Ion:146 Resp: 139407

Ion Ratio Lower Upper

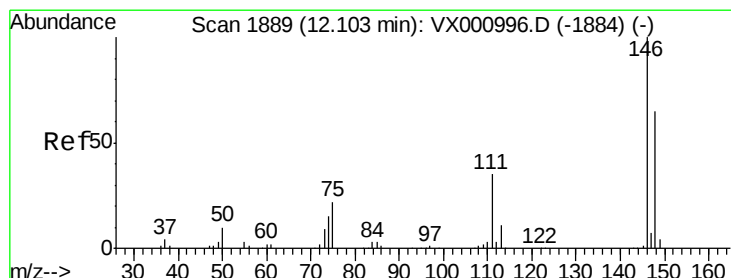
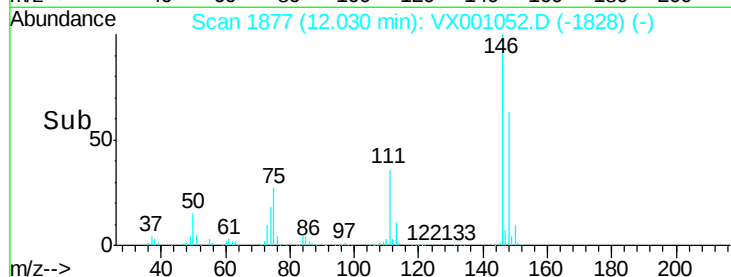
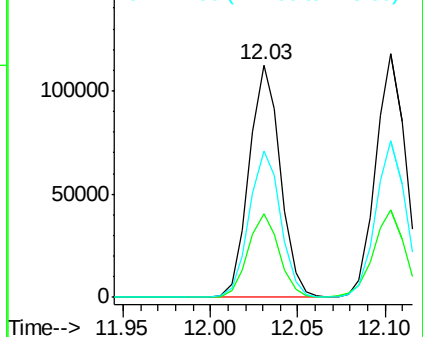
146 100

111 36.0 18.3 54.8

148 63.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.81 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001052.D

Acq: 23 Apr 2018 12:29

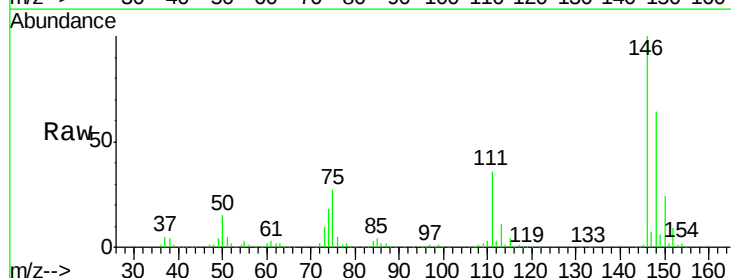
Tgt Ion:146 Resp: 140376

Ion Ratio Lower Upper

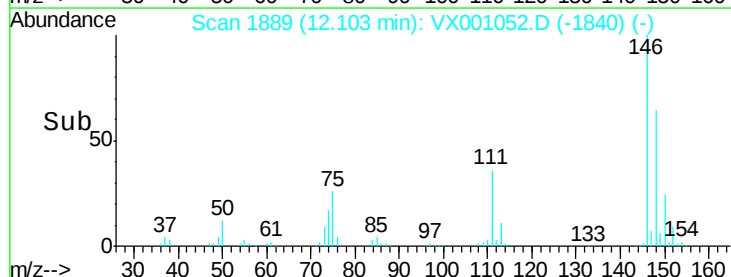
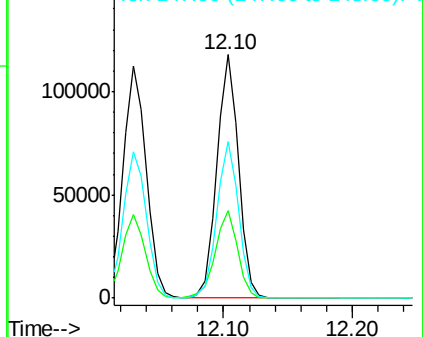
146 100

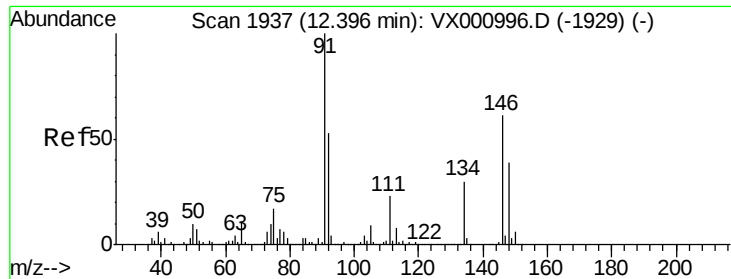
111 37.5 18.0 54.0

148 64.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

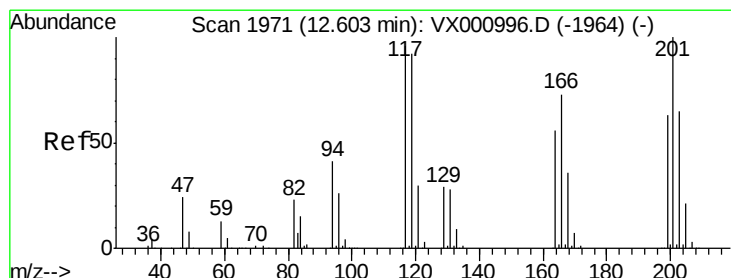
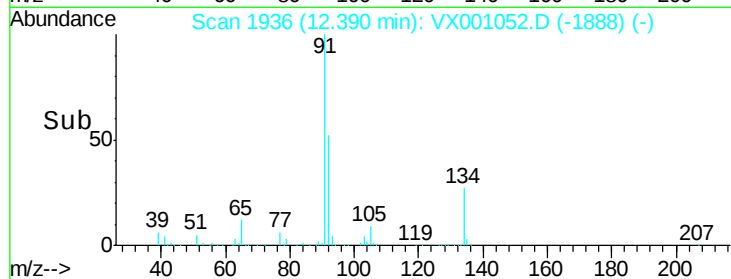
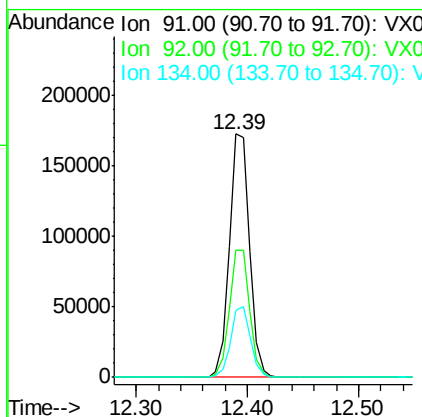
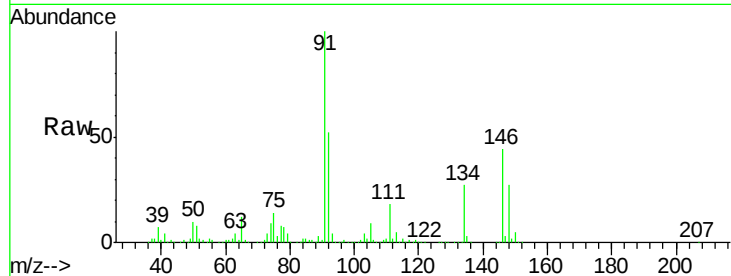




#89
n-Butylbenzene
Concen: 19.11 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

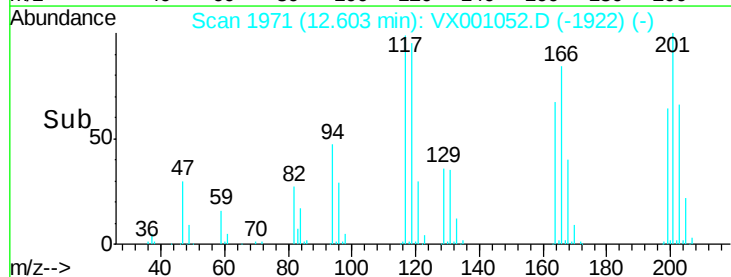
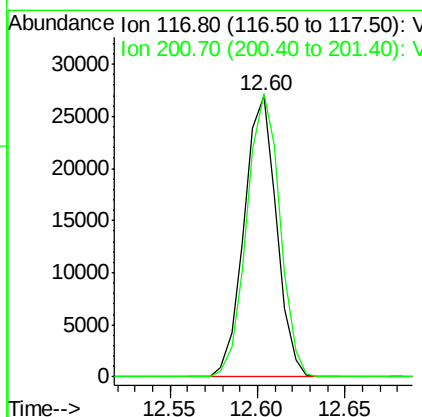
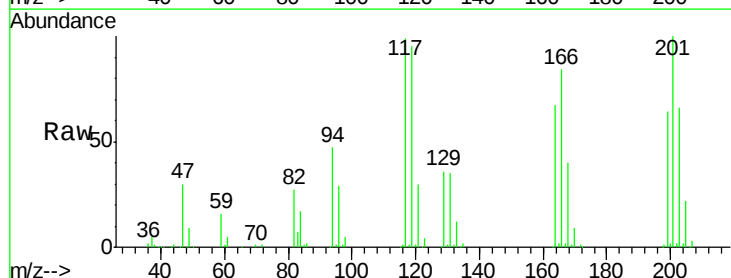
Instrument :
MSVOA_X
ClientSampled :
VX0423WBS01

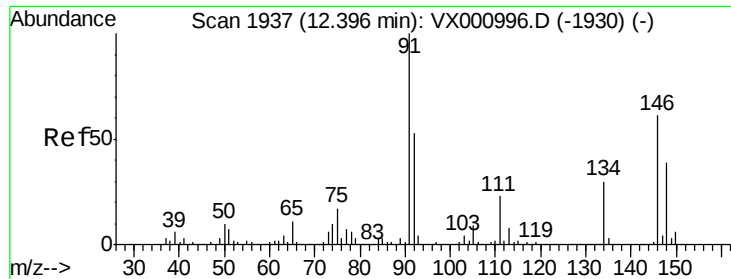
Tgt Ion: 91 Resp: 214836
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.9
134 28.2 14.4 43.0



#90
Hexachloroethane
Concen: 19.37 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion: 117 Resp: 34683
Ion Ratio Lower Upper
117 100
201 102.9 52.3 157.1

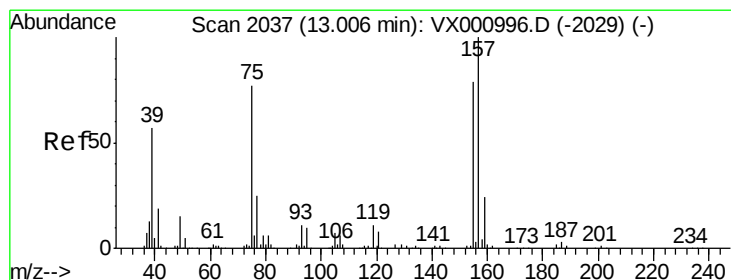
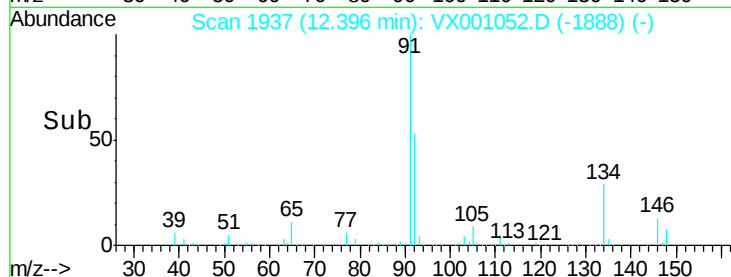
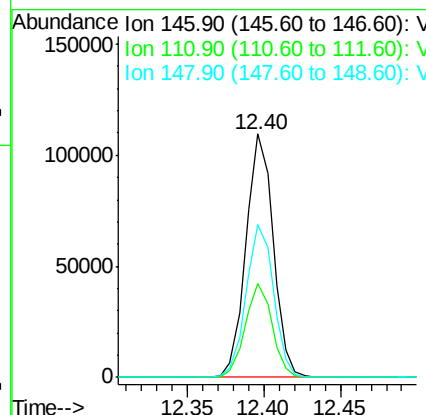
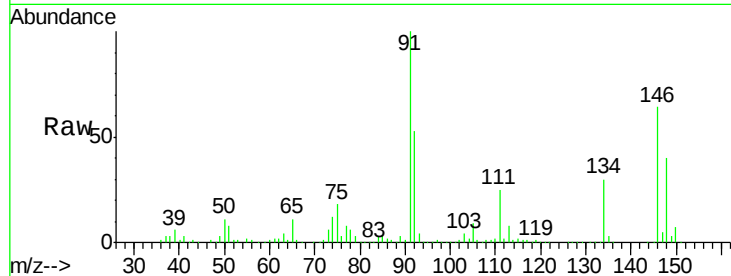




#91
 1,2-Dichlorobenzene
 Concen: 19.31 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

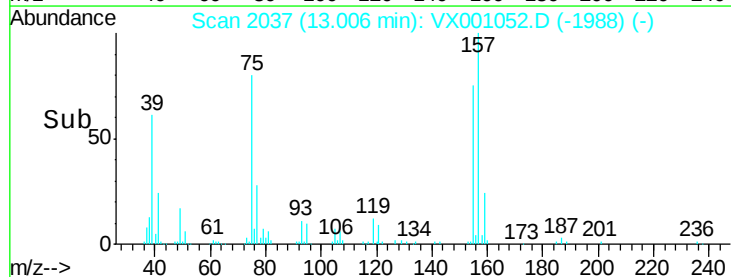
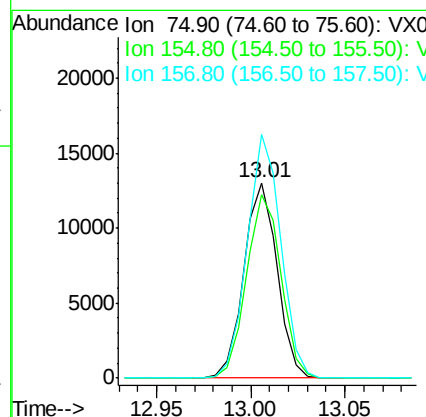
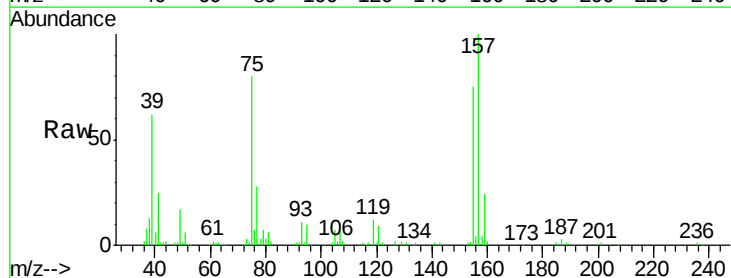
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

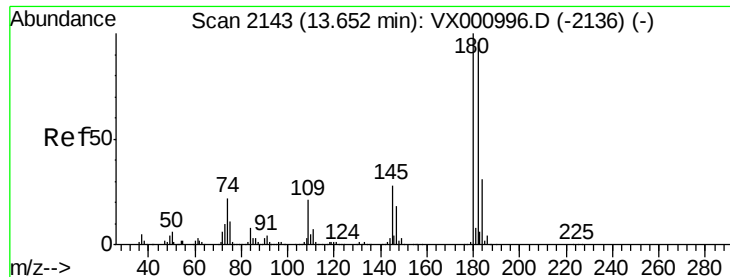
Tgt Ion: 146 Resp: 135900
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 56.0
 148 63.2 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.04 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion: 75 Resp: 15901
 Ion Ratio Lower Upper
 75 100
 155 97.1 51.0 153.0
 157 126.3 64.9 194.7

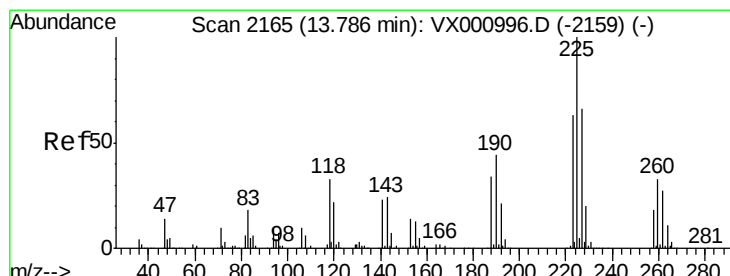
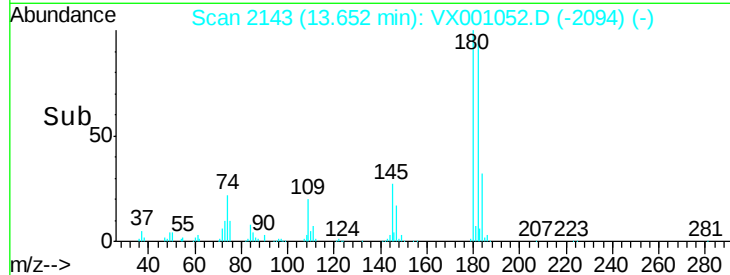
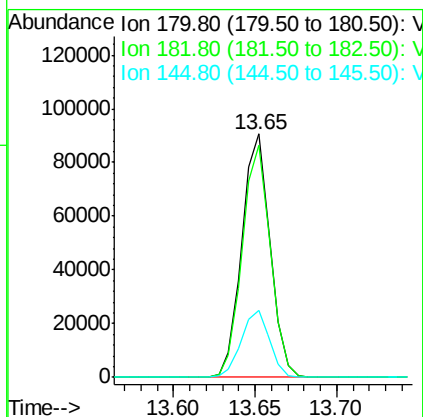
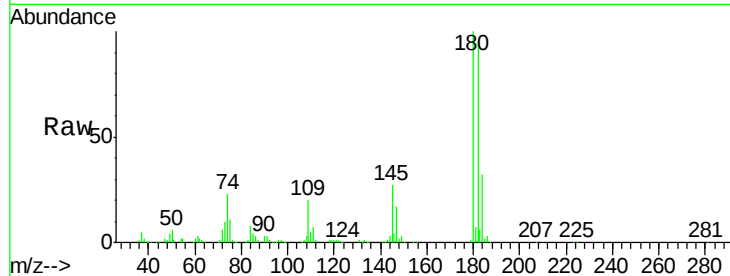




#93
 1,2,4-Trichlorobenzene
 Concen: 18.57 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

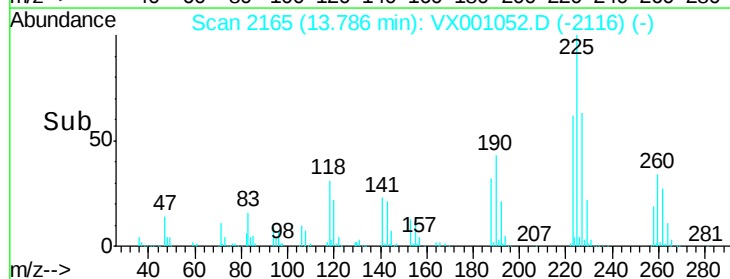
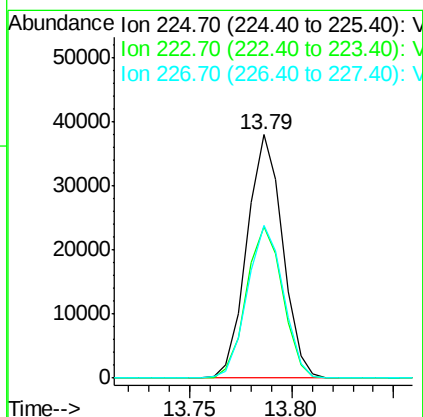
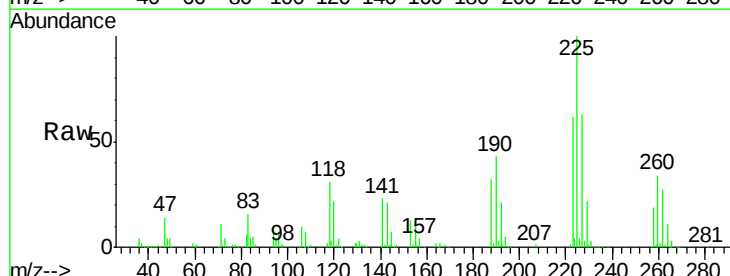
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

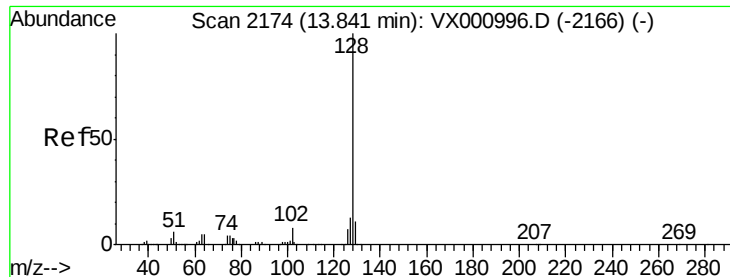
Tgt Ion:180 Resp: 109736
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.0 144.0
 145 27.5 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 17.32 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001052.D
 Acq: 23 Apr 2018 12:29

Tgt Ion:225 Resp: 46299
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.5 94.5
 227 63.6 32.6 97.8

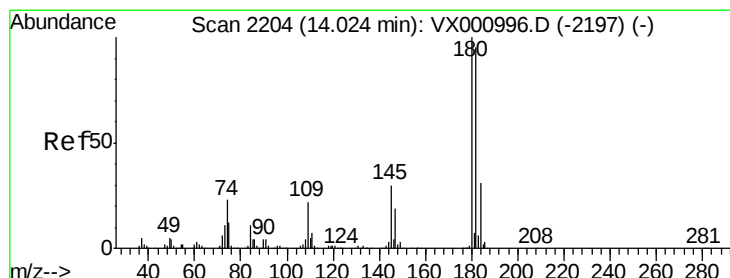
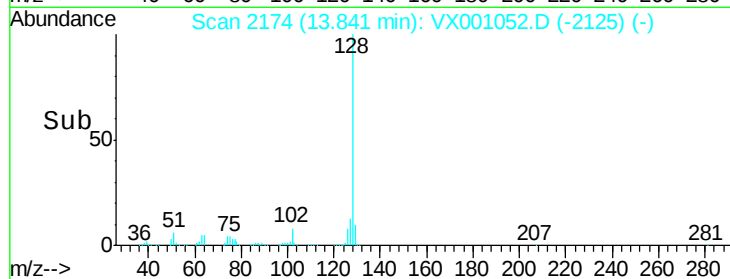
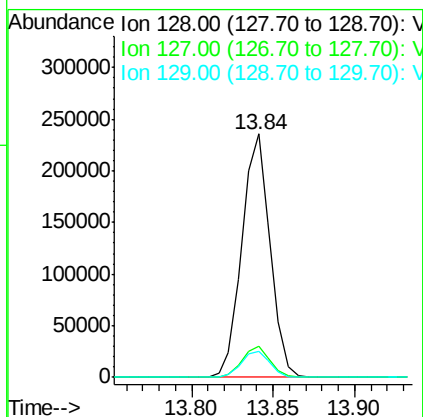
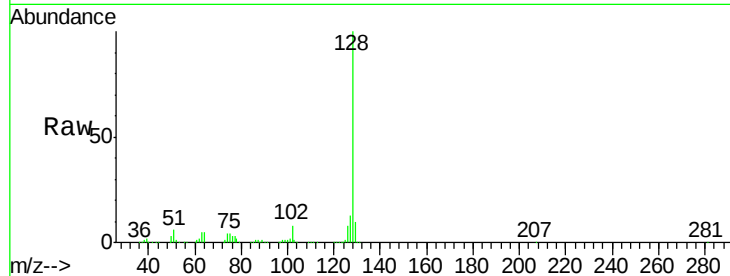




#95
Naphthalene
Concen: 19.52 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Tgt Ion:128 Resp: 283662
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.86 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001052.D
Acq: 23 Apr 2018 12:29

Tgt Ion:180 Resp: 107809
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.7
145 29.4 14.5 43.6

