

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
 Data File : VX000843.D
 Acq On : 13 Apr 2018 12:14
 Operator : JC/MD
 Sample : VX0413WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Quant Time: Apr 14 05:09:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231791	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160600	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	5.51	113	134122	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.72	98	499363	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.15	95	204862	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	67165	22.14	ug/l	100
3) Chloromethane	1.32	50	56872	21.86	ug/l	99
4) Vinyl Chloride	1.40	62	64002	21.87	ug/l	99
5) Bromomethane	1.64	94	33811	27.29	ug/l	100
6) Chloroethane	1.73	64	42598	24.02	ug/l	98
7) Trichlorofluoromethane	1.93	101	99249	22.48	ug/l	98
8) Diethyl Ether	2.19	74	37670	22.84	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60615	23.29	ug/l	97
10) Methyl Iodide	2.51	142	26641	19.22	ug/l	98
11) Tert butyl alcohol	3.07	59	62005	103.05	ug/l	98
12) 1,1-Dichloroethene	2.38	96	53719	21.78	ug/l	97
13) Acrolein	2.29	56	23188	79.35	ug/l	97
14) Allyl chloride	2.73	41	99640	21.84	ug/l	99
15) Acrylonitrile	3.15	53	149892	116.84	ug/l	100
16) Acetone	2.45	43	131690	112.68	ug/l	100
17) Carbon Disulfide	2.57	76	146922	19.67	ug/l	99
18) Methyl Acetate	2.78	43	73973	24.46	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	186782	22.73	ug/l	100
20) Methylene Chloride	2.86	84	59974	22.06	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	59168	21.75	ug/l	98
22) Diisopropyl ether	3.87	45	186582	22.26	ug/l	94
23) Vinyl Acetate	3.83	43	818889	111.26	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104825	22.28	ug/l	99
25) 2-Butanone	4.71	43	221797	114.92	ug/l	99
26) 2,2-Dichloropropane	4.59	77	100227	21.47	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	68393	22.15	ug/l	99
28) Bromochloromethane	5.03	49	36239	19.13	ug/l	98
29) Tetrahydrofuran	5.18	42	138987	113.42	ug/l	99
30) Chloroform	5.22	83	112941	22.68	ug/l	94
31) Cyclohexane	5.59	56	97560	21.84	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	104244	21.97	ug/l	100
36) 1,1-Dichloropropene	5.81	75	85927	21.89	ug/l	99
37) Ethyl Acetate	4.87	43	87479	22.83	ug/l	99
38) Carbon Tetrachloride	5.79	117	92662	21.09	ug/l	98

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 Acq On : 13 Apr 2018 12:14
 Operator : JC/MD
 Sample : VX0413WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Quant Time: Apr 14 05:09:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	105115	22.30	ug/l	99
40) Benzene	6.15	78	246465	22.60	ug/l	100
41) Methacrylonitrile	5.07	41	50552	22.83	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92516	22.71	ug/l	99
43) Isopropyl Acetate	6.47	43	147178	22.40	ug/l	100
44) Trichloroethene	7.22	130	76316	22.50	ug/l	98
45) 1,2-Dichloropropane	7.52	63	63296	22.79	ug/l	98
46) Dibromomethane	7.67	93	42680	22.04	ug/l	99
47) Bromodichloromethane	7.90	83	84584	21.64	ug/l	99
48) Methyl methacrylate	7.78	41	76062	22.34	ug/l	99
49) 1,4-Dioxane	7.76	88	26035	380.43	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	452185	117.17	ug/l	99
52) Toluene	8.79	92	163347	22.57	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	103728	22.13	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	98094	21.49	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	65494	22.80	ug/l	99
56) Ethyl methacrylate	9.19	69	99076	22.36	ug/l	99
57) 1,3-Dichloropropane	9.38	76	106102	23.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	217293	104.96	ug/l	100
59) 2-Hexanone	9.51	43	344358	115.59	ug/l	100
60) Dibromochloromethane	9.59	129	73102	21.27	ug/l	100
61) 1,2-Dibromoethane	9.68	107	69476	22.80	ug/l	100
64) Tetrachloroethene	9.34	164	76989	23.30	ug/l	99
65) Chlorobenzene	10.15	112	193178	22.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	70869	22.15	ug/l	98
67) Ethyl Benzene	10.26	91	320456	22.61	ug/l	99
68) m/p-Xylenes	10.37	106	252561	45.14	ug/l	99
69) o-Xylene	10.71	106	122983	22.81	ug/l	99
70) Styrene	10.72	104	204641	22.51	ug/l	100
71) Bromoform	10.87	173	60217	20.32	ug/l #	99
73) Isopropylbenzene	11.02	105	335205	22.80	ug/l	100
74) N-amyl acetate	6.47	43	147178	22.23	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	95533	22.39	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	112196	28.07	ug/l	86
77) Bromobenzene	11.26	156	95932	22.26	ug/l	99
78) n-propylbenzene	11.37	91	384179	22.84	ug/l	99
79) 2-Chlorotoluene	11.43	91	223160	22.45	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	285422	22.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	28485	19.60	ug/l	95
82) 4-Chlorotoluene	11.52	91	267803	22.32	ug/l	100
83) tert-Butylbenzene	11.77	119	293691	22.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	294028	22.52	ug/l	100
85) sec-Butylbenzene	11.95	105	350726	22.98	ug/l	99
86) p-Isopropyltoluene	12.07	119	323306	22.72	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	179000	22.44	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	183810	22.49	ug/l	99
89) n-Butylbenzene	12.40	91	289248	23.02	ug/l	100
90) Hexachloroethane	12.60	117	49647	20.61	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	172092	22.35	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21542	20.15	ug/l	97

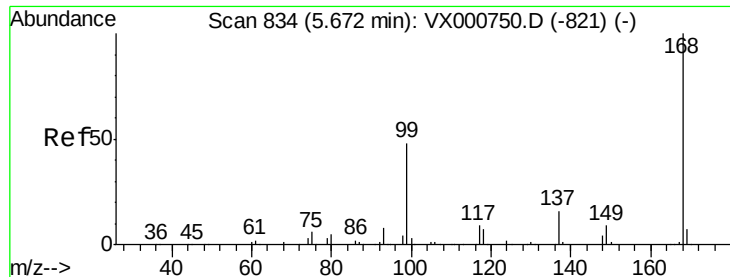
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
Data File : VX000843.D
Acq On : 13 Apr 2018 12:14
Operator : JC/MD
Sample : VX0413WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Quant Time: Apr 14 05:09:13 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148508	22.60	ug/l	99
94) Hexachlorobutadiene	13.79	225	75953	23.51	ug/l	100
95) Naphthalene	13.84	128	382209	22.66	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	142862	22.39	ug/l	100

(#) = 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: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

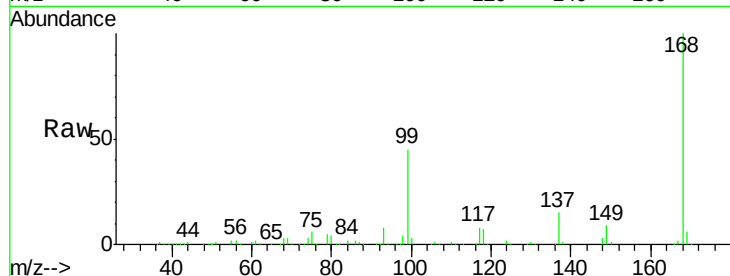
VX0413WBS01

Tgt Ion:168 Resp: 268787

Ion Ratio Lower Upper

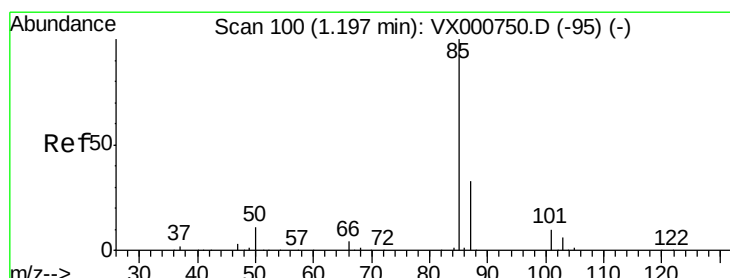
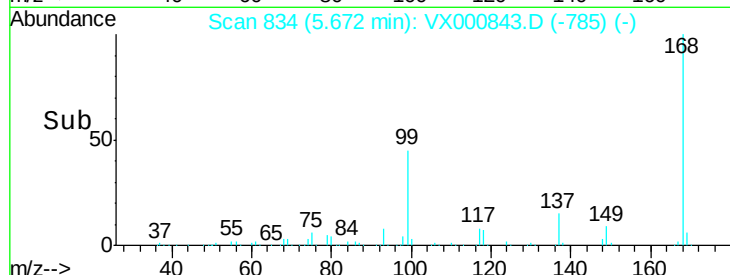
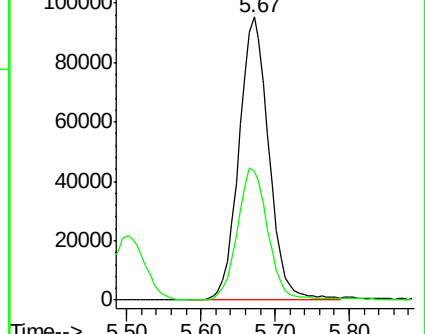
168 100

99 45.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.14 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000843.D

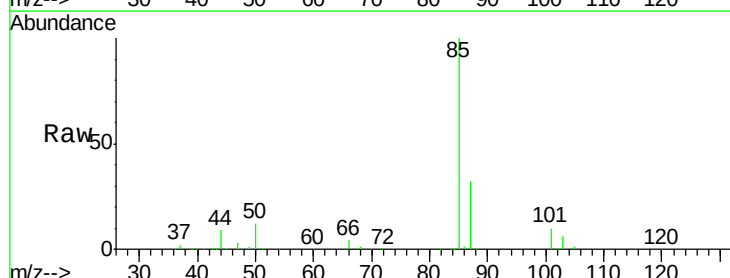
Acq: 13 Apr 2018 12:14

Tgt Ion: 85 Resp: 67165

Ion Ratio Lower Upper

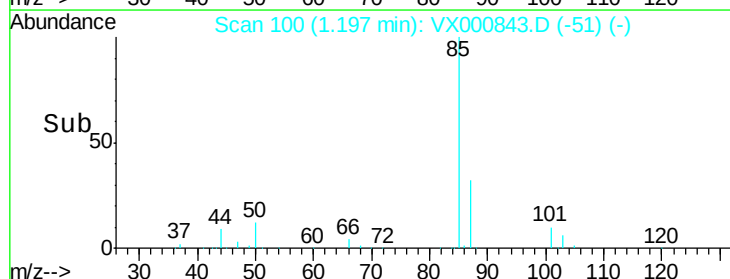
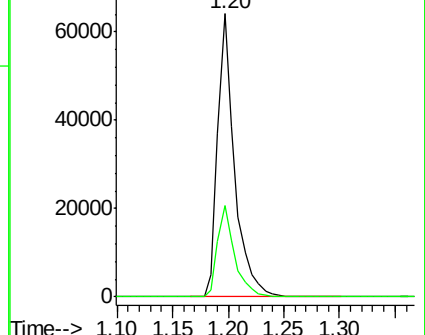
85 100

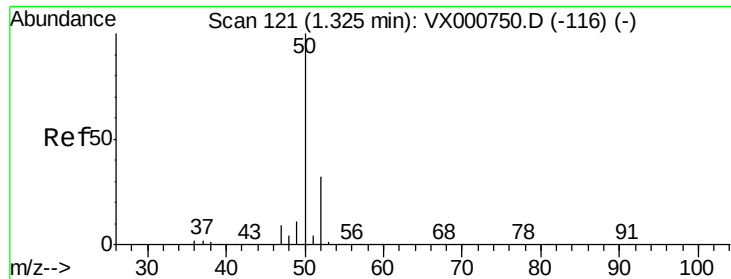
87 32.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

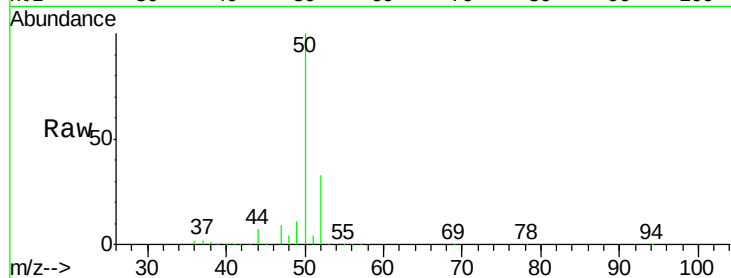
VX0413WBS01

Tgt Ion: 50 Resp: 56872

Ion Ratio Lower Upper

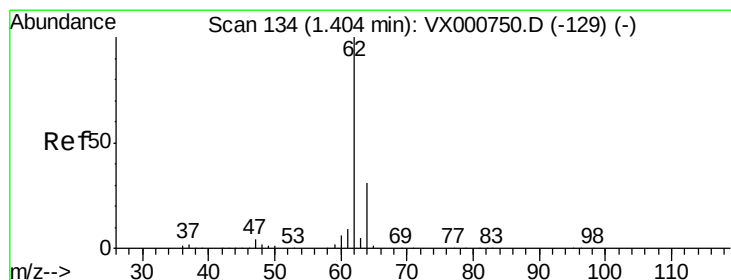
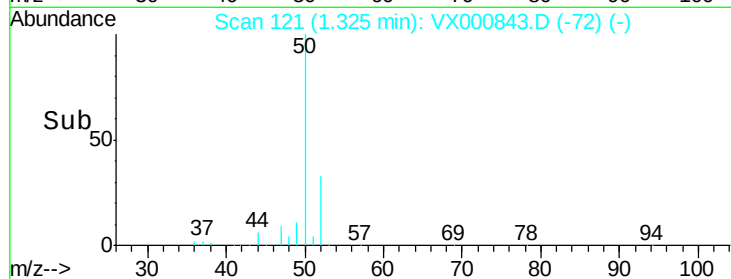
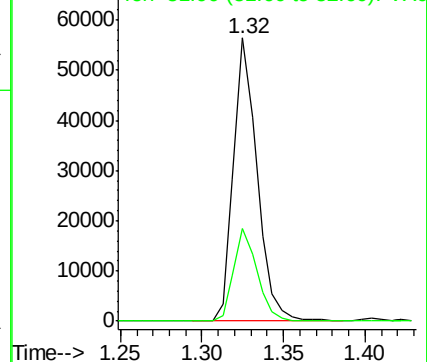
50 100

52 32.8 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.87 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000843.D

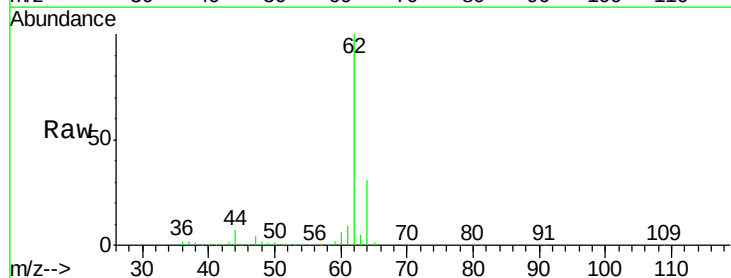
Acq: 13 Apr 2018 12:14

Tgt Ion: 62 Resp: 64002

Ion Ratio Lower Upper

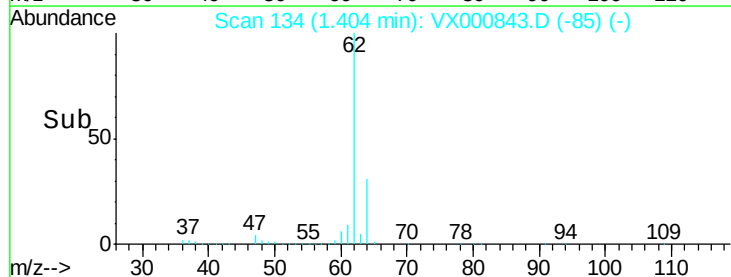
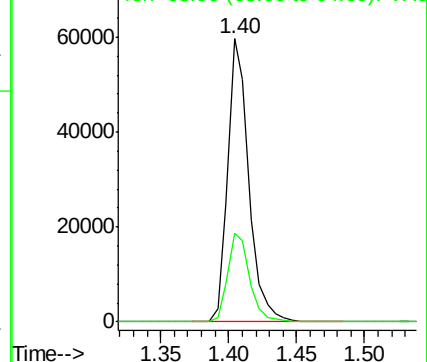
62 100

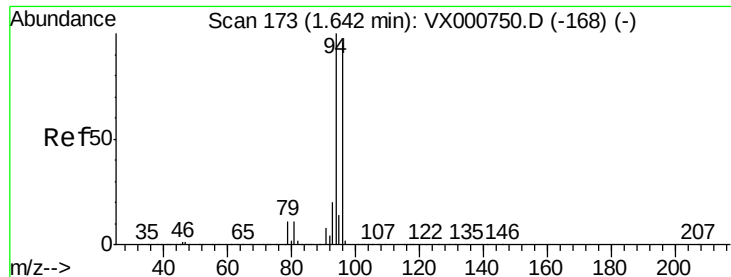
64 31.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 27.29 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

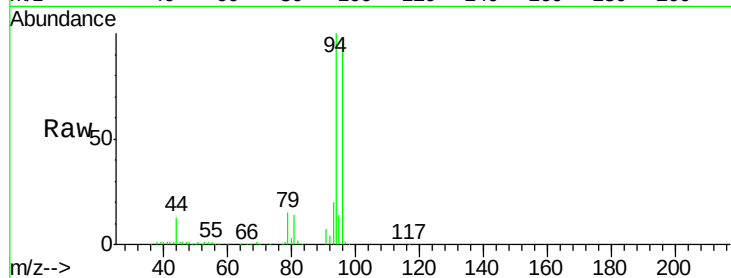
VX0413WBS01

Tgt Ion: 94 Resp: 33811

Ion Ratio Lower Upper

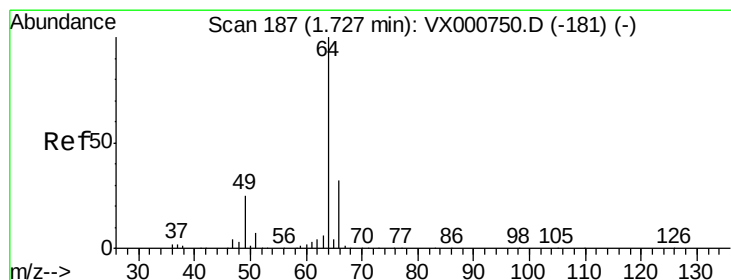
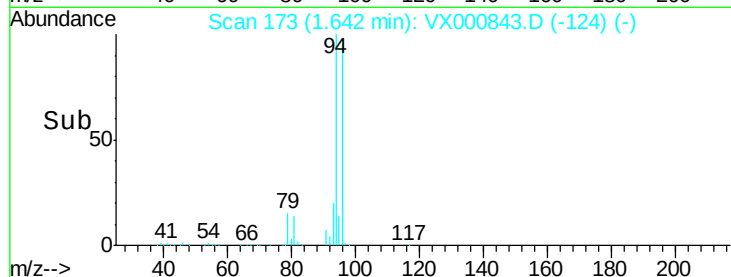
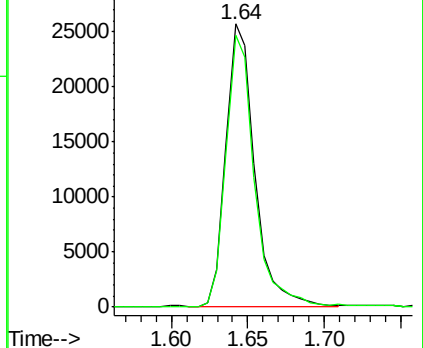
94 100

96 96.0 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 24.02 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000843.D

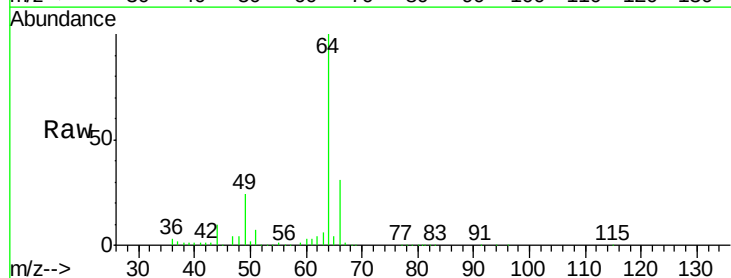
Acq: 13 Apr 2018 12:14

Tgt Ion: 64 Resp: 42598

Ion Ratio Lower Upper

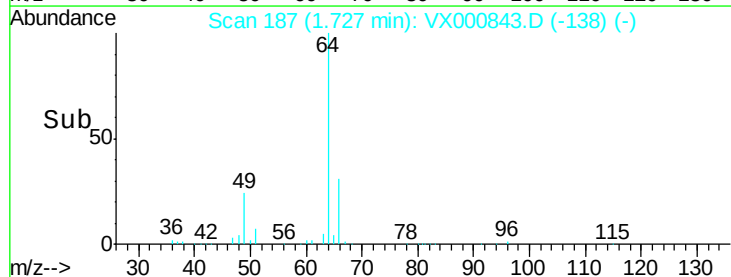
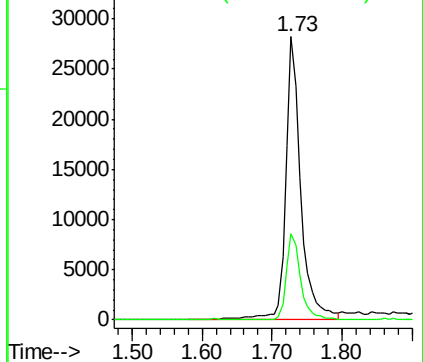
64 100

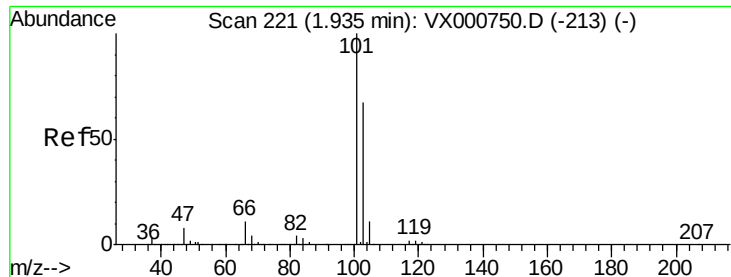
66 30.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



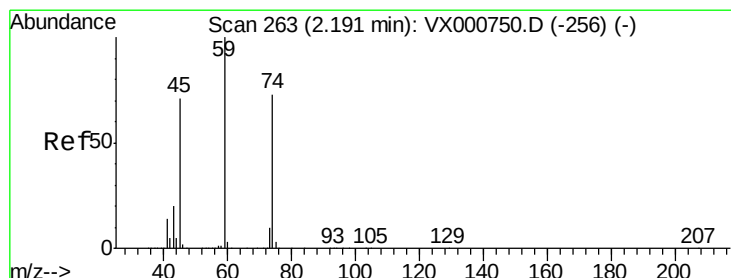
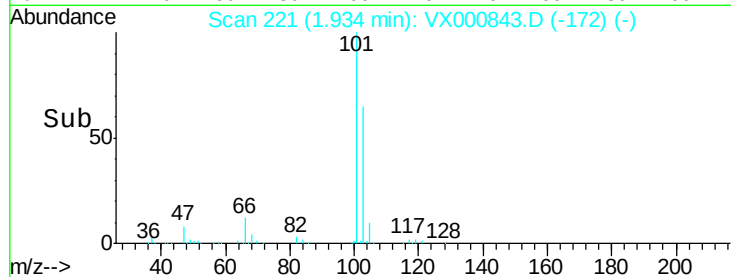
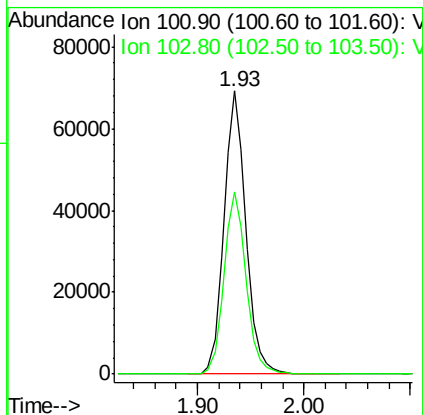
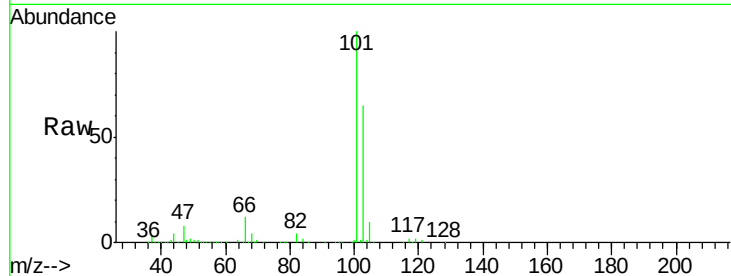


#7

Trichlorofluoromethane
 Concen: 22.48 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

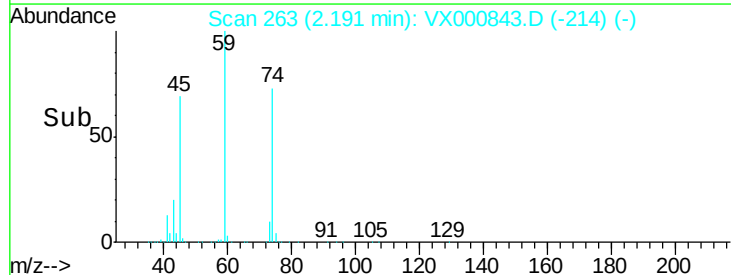
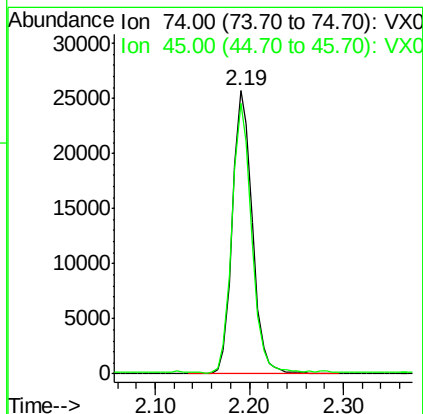
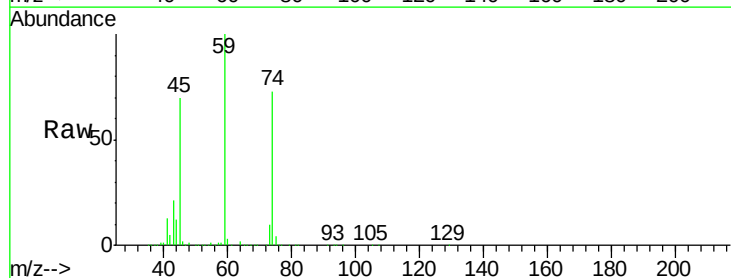
Tgt Ion:101 Resp: 99249
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.2 79.8

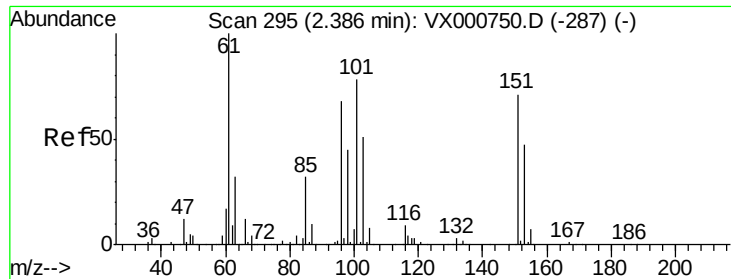


#8

Diethyl Ether
 Concen: 22.84 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion: 74 Resp: 37670
 Ion Ratio Lower Upper
 74 100
 45 94.2 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.29 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VX0413WBS01

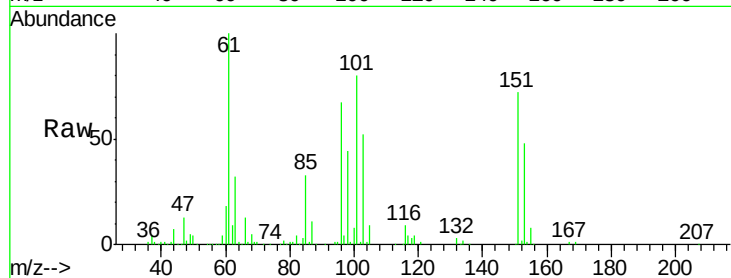
Tgt Ion:101 Resp: 60615

Ion Ratio Lower Upper

101 100

85 41.8 34.0 51.0

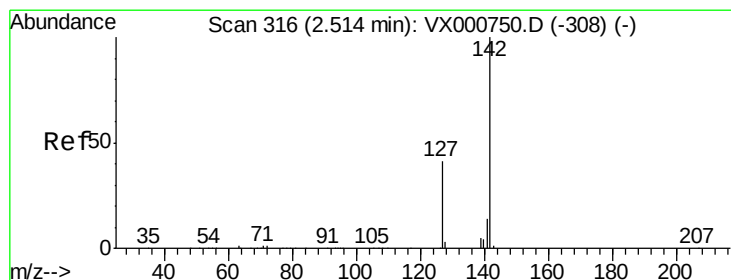
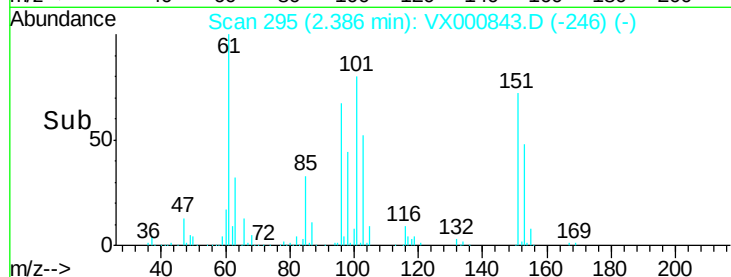
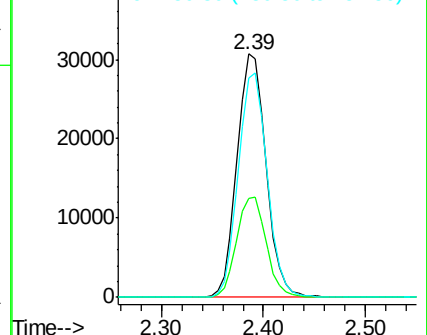
151 91.7 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.22 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

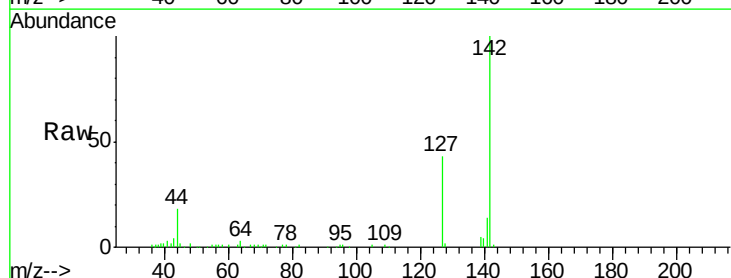
Tgt Ion:142 Resp: 26641

Ion Ratio Lower Upper

142 100

127 42.0 32.6 49.0

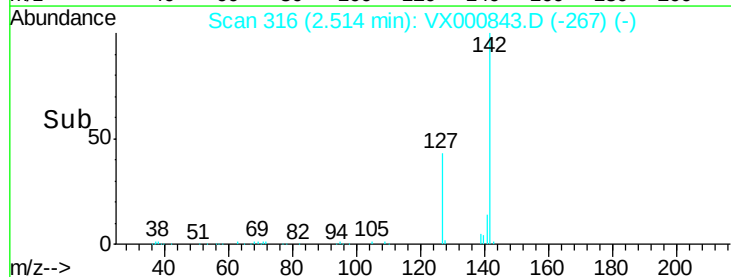
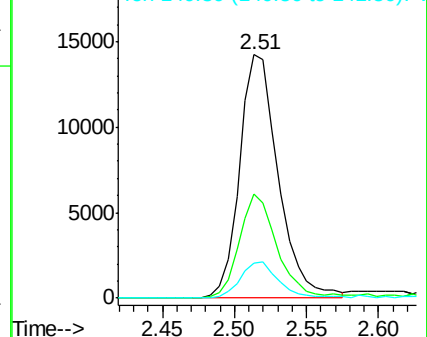
141 14.6 11.5 17.3

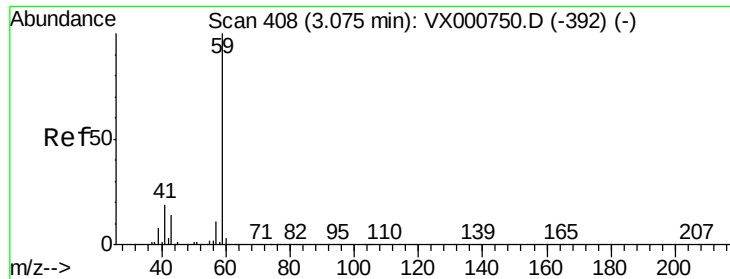


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



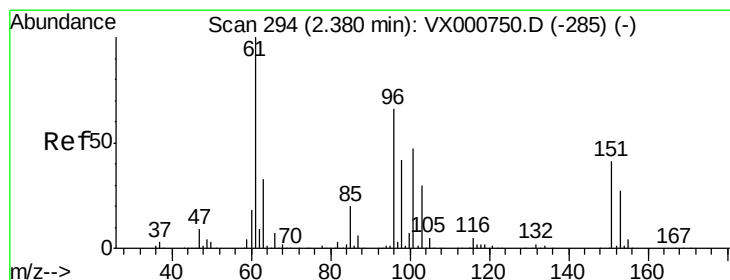
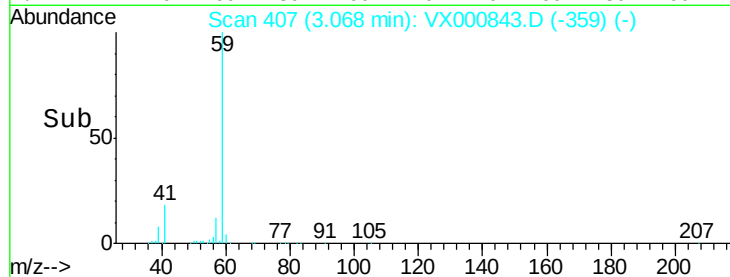
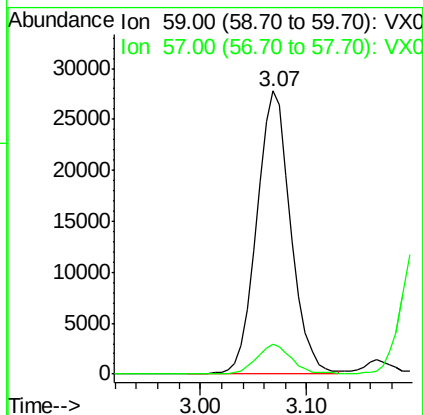
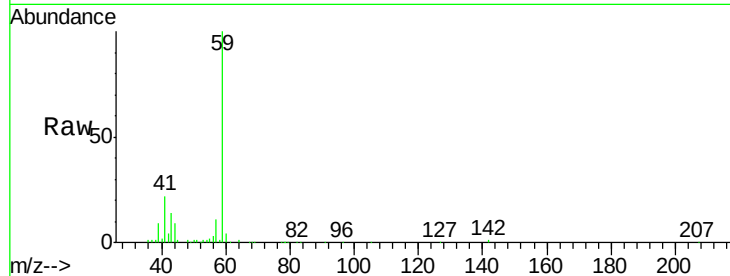


#11

Tert butyl alcohol
 Concen: 103.05 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

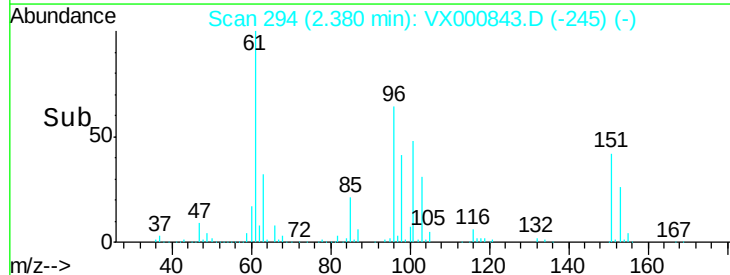
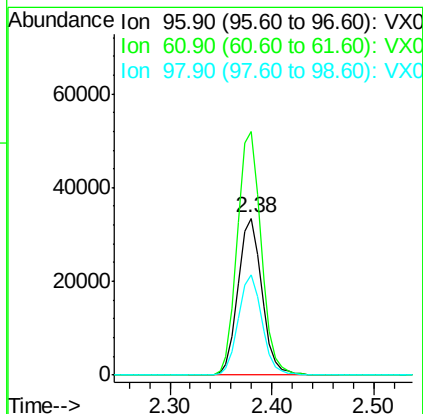
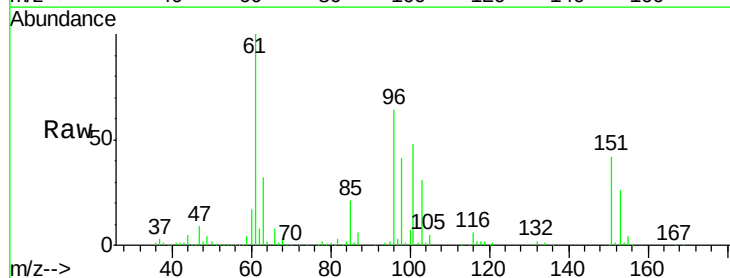
Tgt Ion: 59 Resp: 62005
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.4 12.6

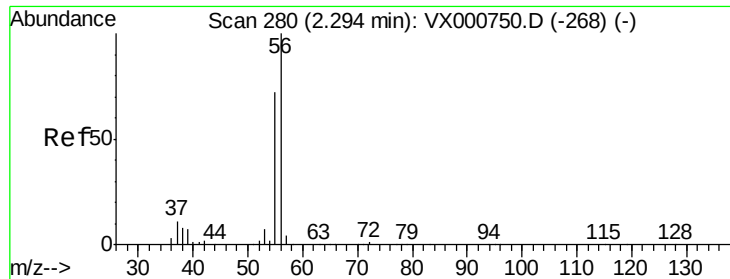


#12

1,1-Dichloroethene
 Concen: 21.78 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion: 96 Resp: 53719
 Ion Ratio Lower Upper
 96 100
 61 155.4 120.5 180.7
 98 64.2 50.9 76.3





#13

Acrolein

Concen: 79.35 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

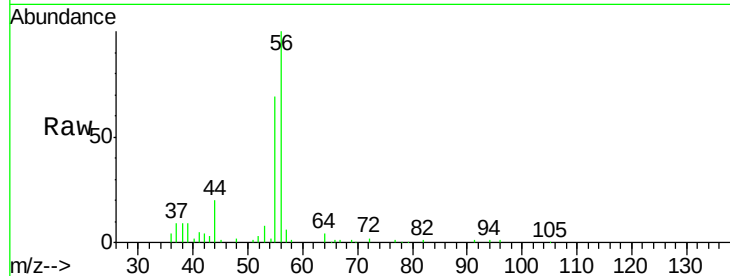
VX0413WBS01

Tgt Ion: 56 Resp: 23188

Ion Ratio Lower Upper

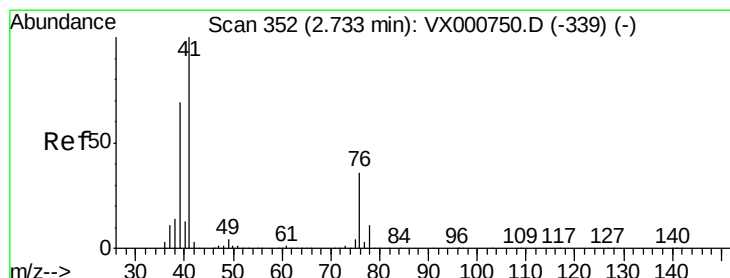
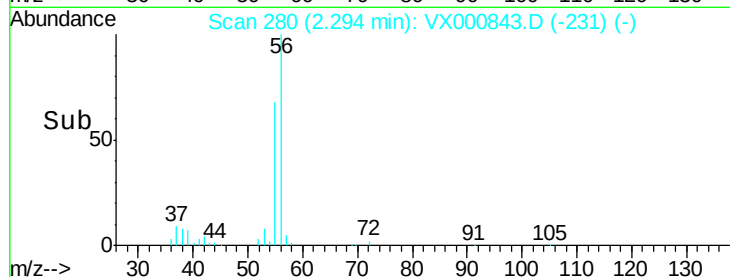
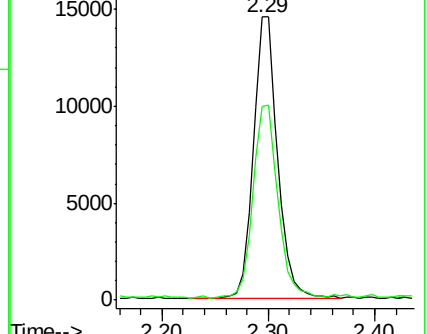
56 100

55 71.2 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.84 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

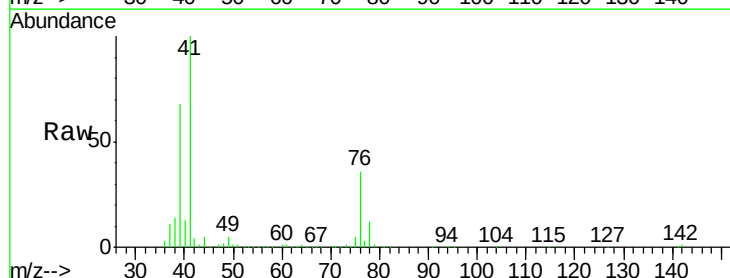
Tgt Ion: 41 Resp: 99640

Ion Ratio Lower Upper

41 100

39 62.7 51.5 77.3

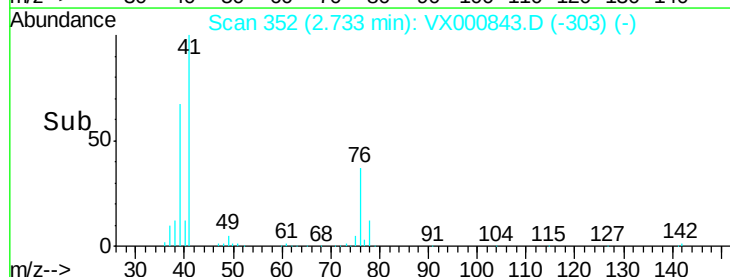
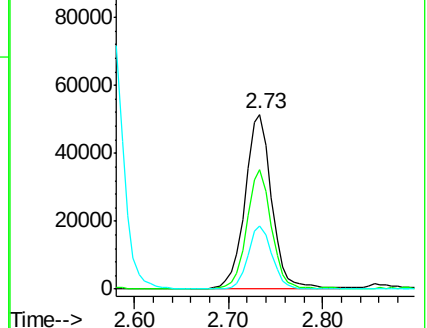
76 33.1 26.5 39.7

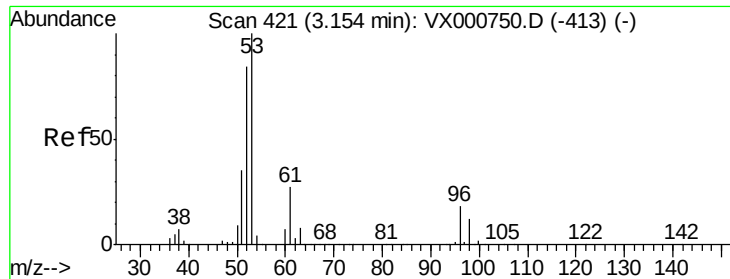


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

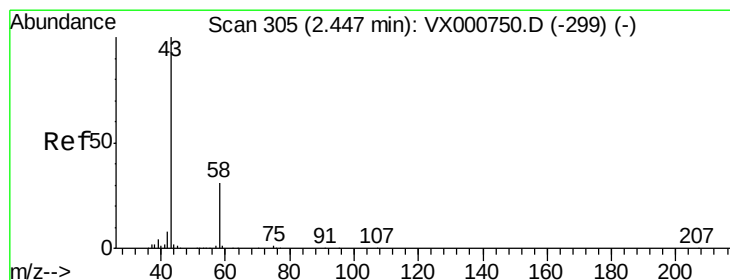
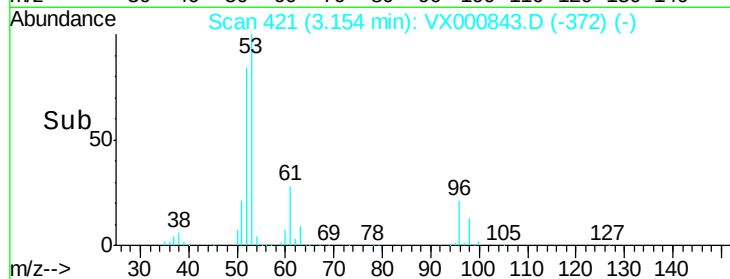
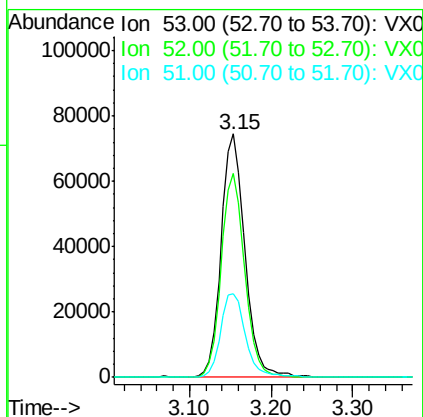
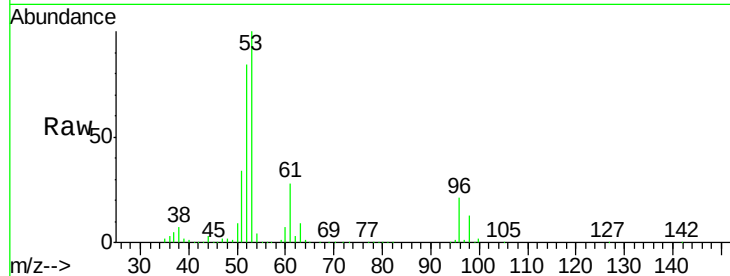




#15
 Acrylonitrile
 Concen: 116.84 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

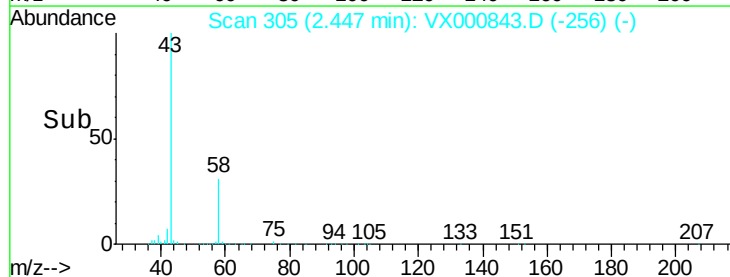
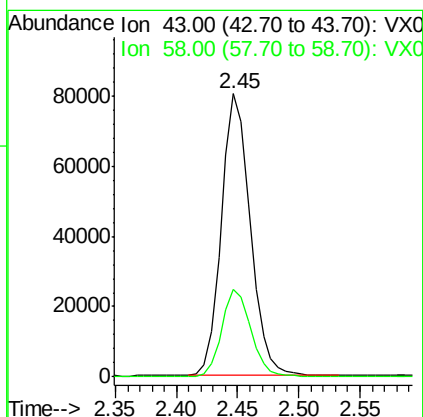
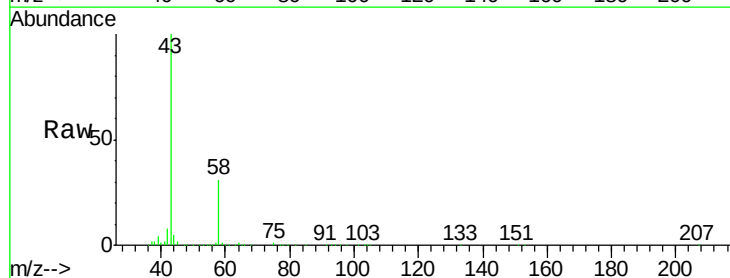
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

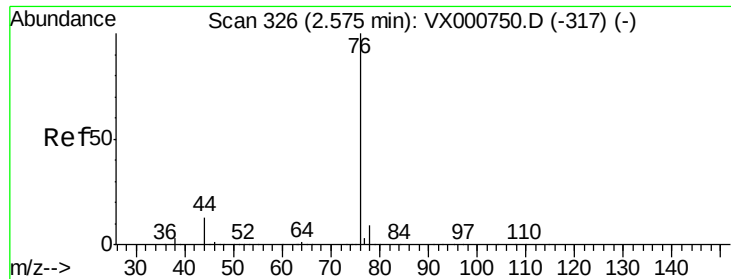
Tgt Ion: 53 Resp: 149892
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.5 99.7
 51 36.1 28.8 43.2



#16
 Acetone
 Concen: 112.68 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion: 43 Resp: 131690
 Ion Ratio Lower Upper
 43 100
 58 30.8 24.6 37.0





#17

Carbon Disulfide

Concen: 19.67 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

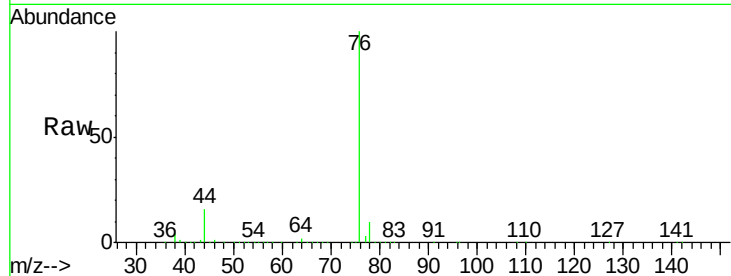
VX0413WBS01

Tgt Ion: 76 Resp: 146922

Ion Ratio Lower Upper

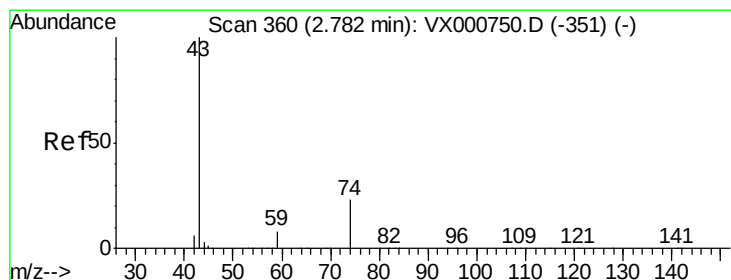
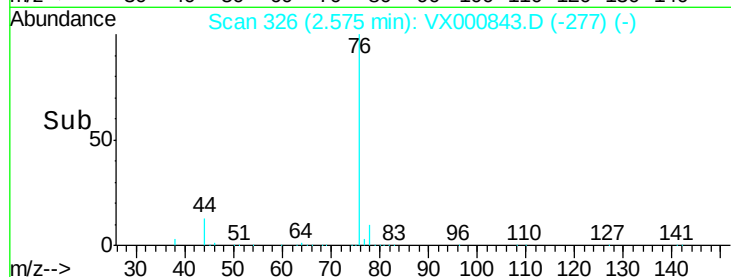
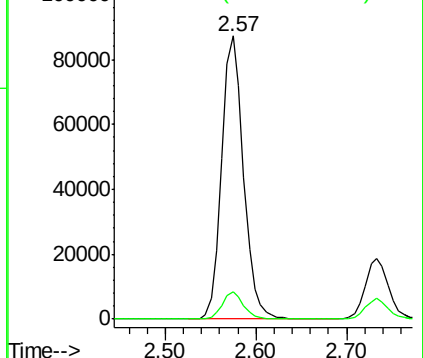
76 100

78 9.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.46 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000843.D

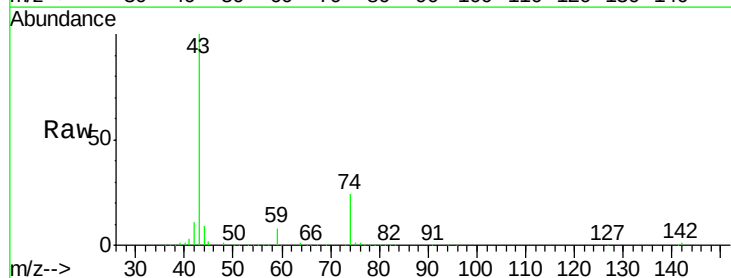
Acq: 13 Apr 2018 12:14

Tgt Ion: 43 Resp: 73973

Ion Ratio Lower Upper

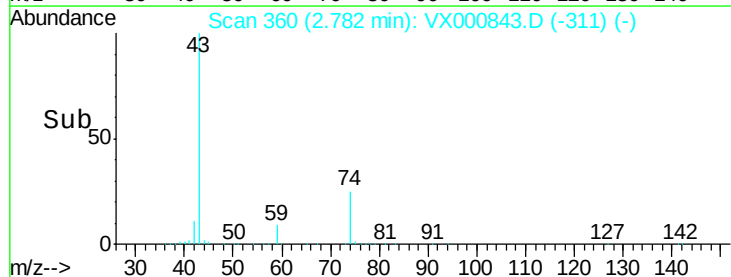
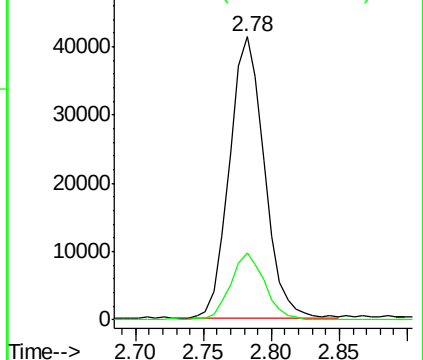
43 100

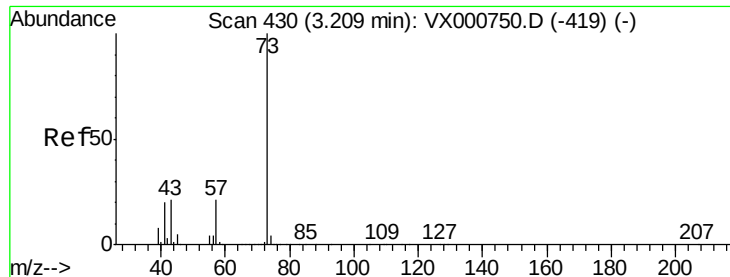
74 23.5 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

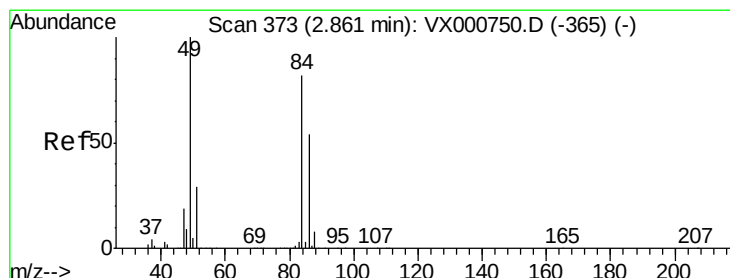
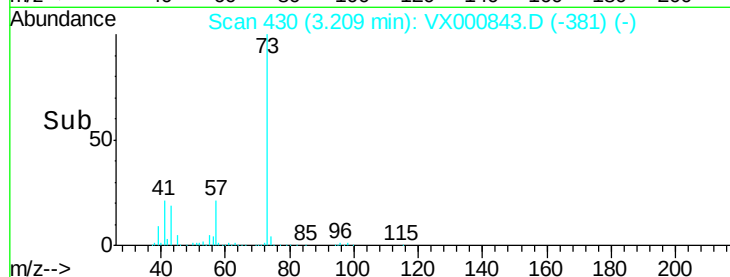
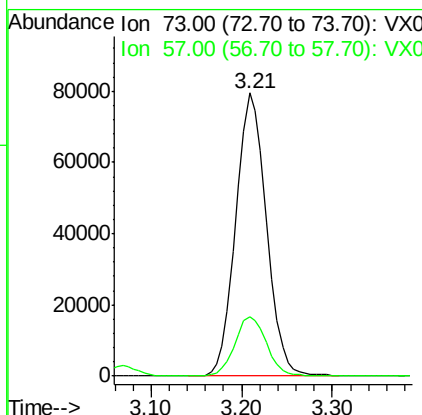
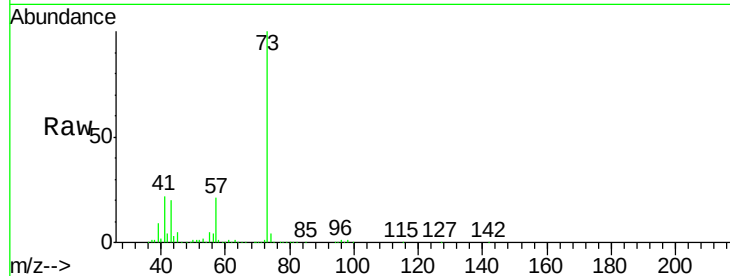




#19
Methyl tert-butyl Ether
Concen: 22.73 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

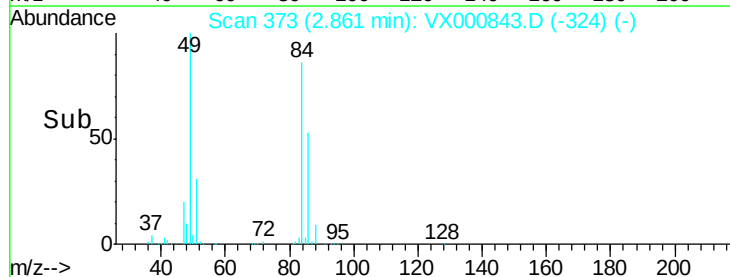
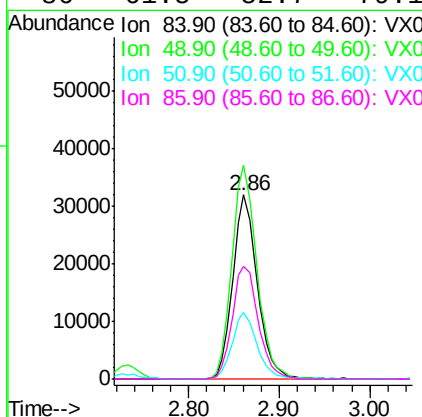
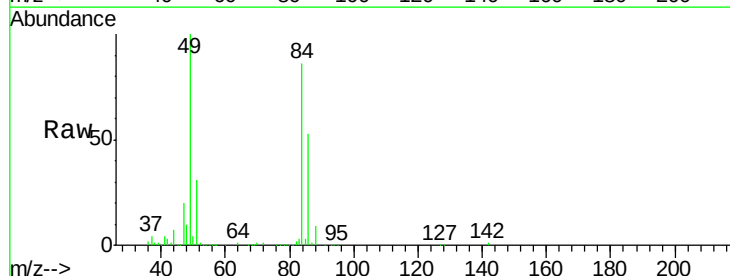
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

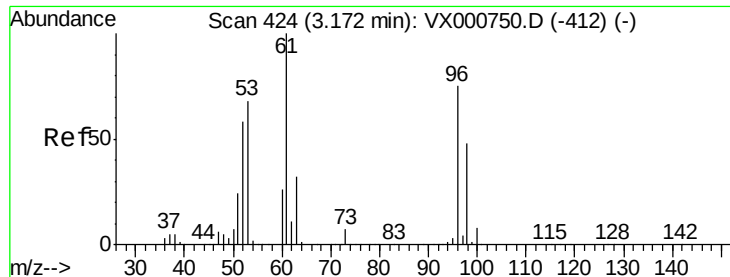
Tgt Ion: 73 Resp: 186782
Ion Ratio Lower Upper
73 100
57 21.1 16.9 25.3



#20
Methylene Chloride
Concen: 22.06 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion: 84 Resp: 59974
Ion Ratio Lower Upper
84 100
49 116.2 98.1 147.1
51 36.3 28.9 43.3
86 61.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 21.75 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VX0413WBS01

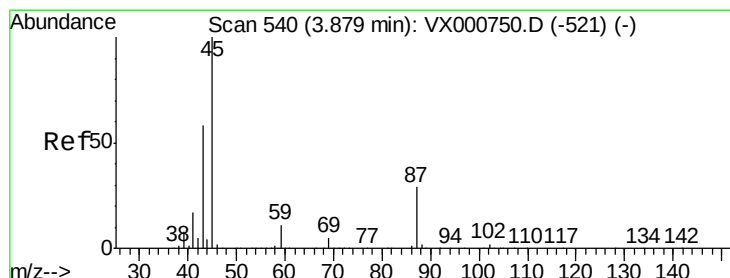
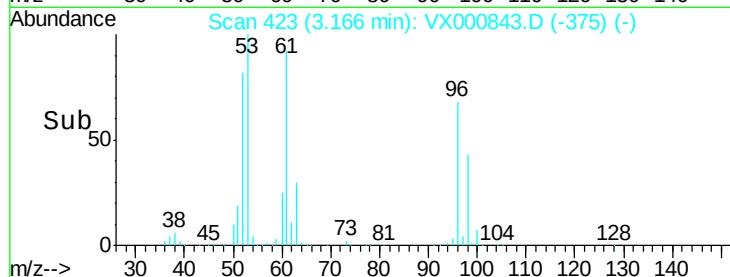
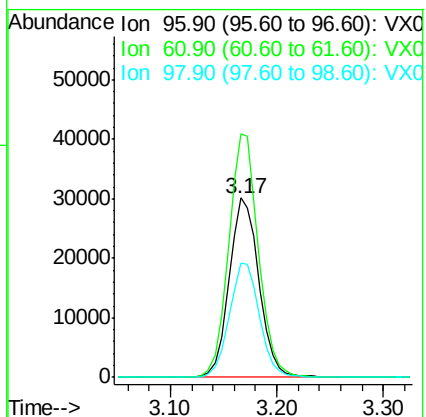
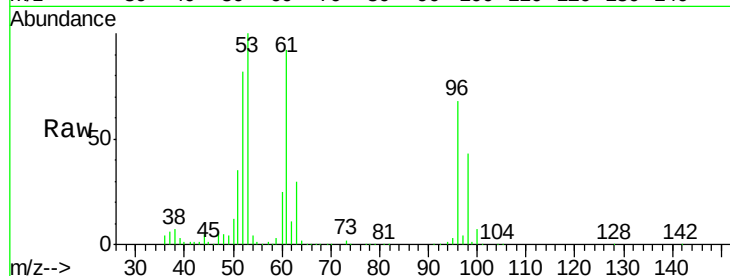
Tgt Ion: 96 Resp: 59168

Ion Ratio Lower Upper

96 100

61 135.6 106.2 159.2

98 63.8 51.2 76.8



#22

Diisopropyl ether

Concen: 22.26 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tgt Ion: 45 Resp: 186582

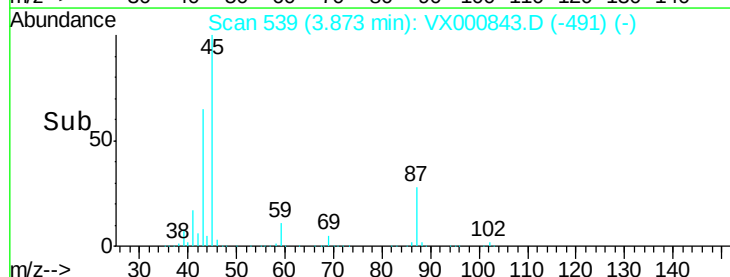
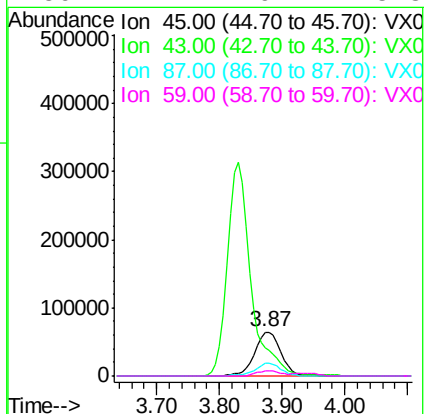
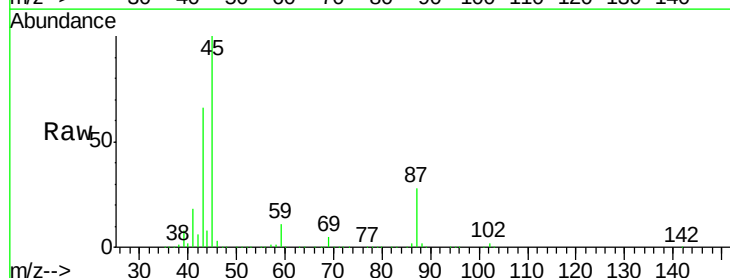
Ion Ratio Lower Upper

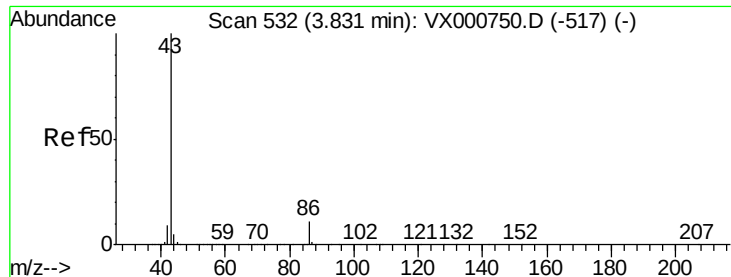
45 100

43 65.5 46.6 69.8

87 28.2 22.9 34.3

59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 111.26 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

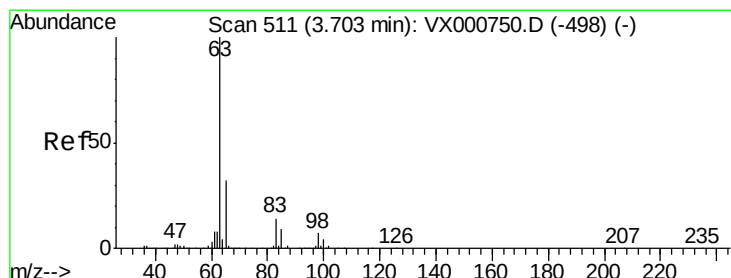
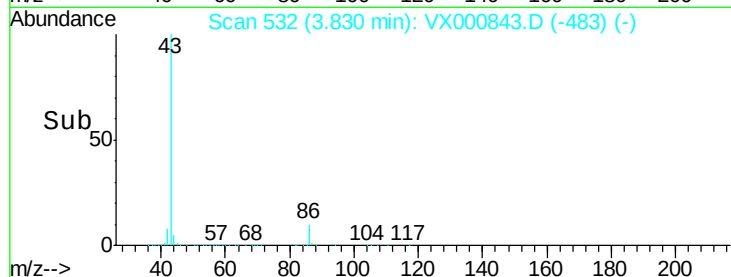
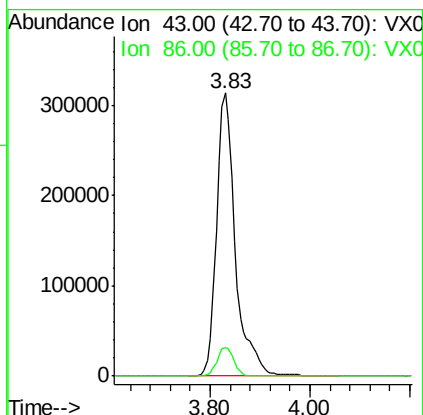
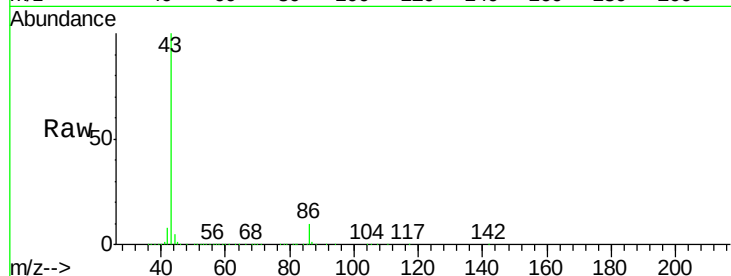
VX0413WBS01

Tgt Ion: 43 Resp: 818889

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8



#24

1,1-Dichloroethane

Concen: 22.28 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

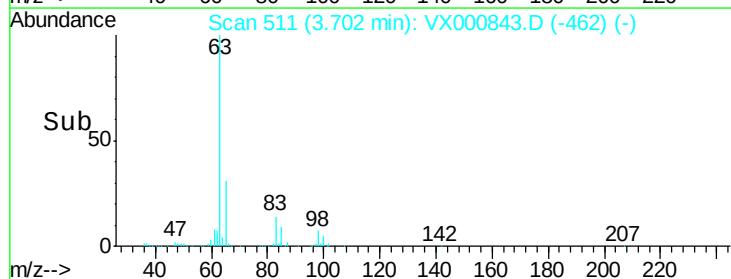
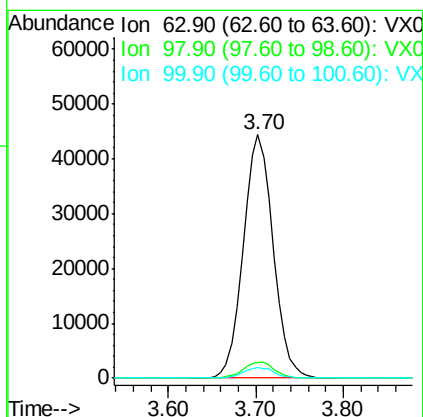
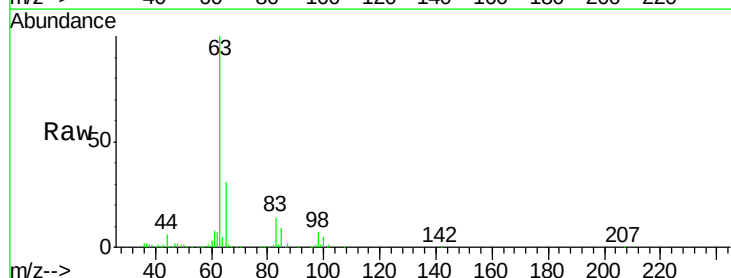
Tgt Ion: 63 Resp: 104825

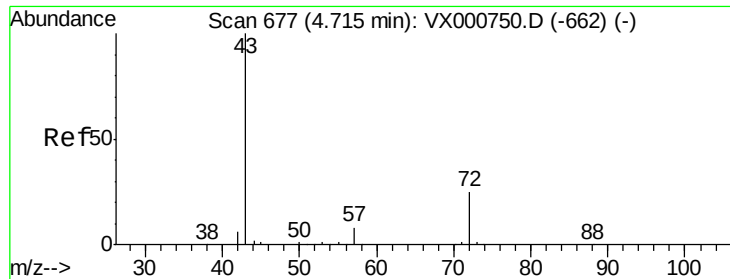
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 114.92 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

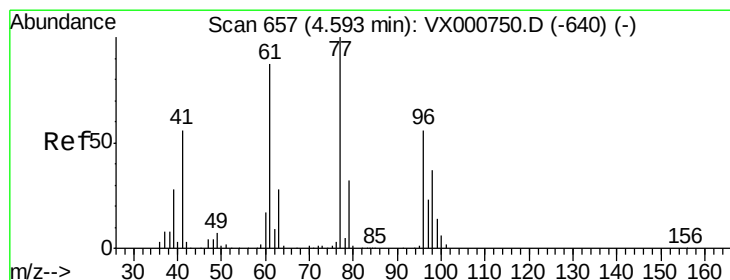
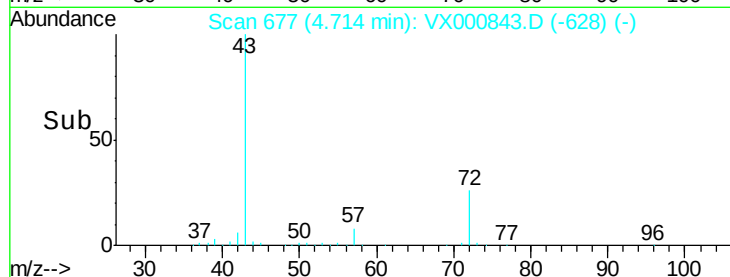
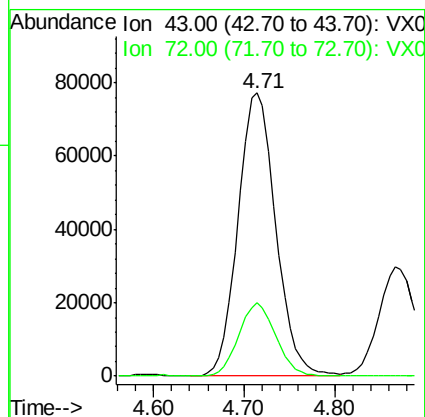
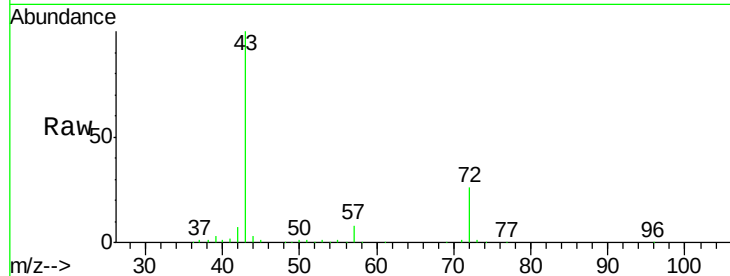
VX0413WBS01

Tgt Ion: 43 Resp: 221797

Ion Ratio Lower Upper

43 100

72 26.0 20.3 30.5



#26

2,2-Dichloropropane

Concen: 21.47 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000843.D

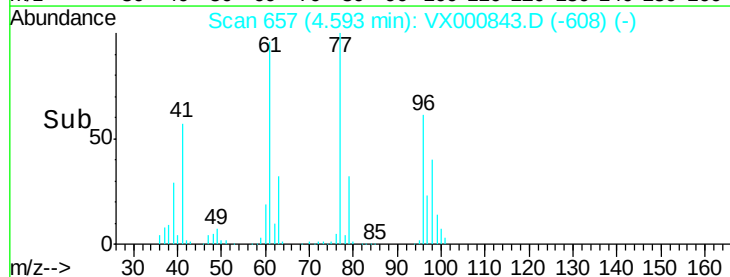
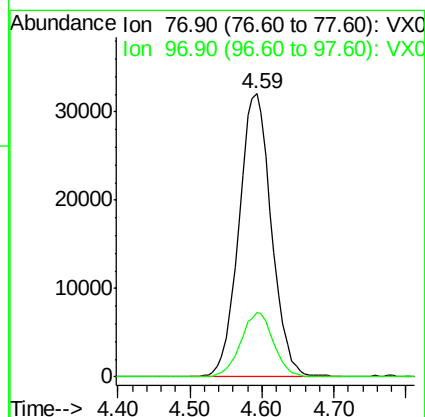
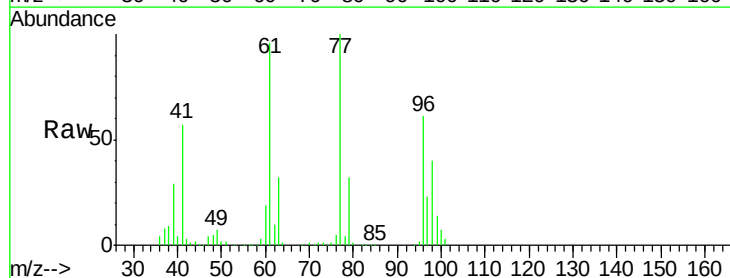
Acq: 13 Apr 2018 12:14

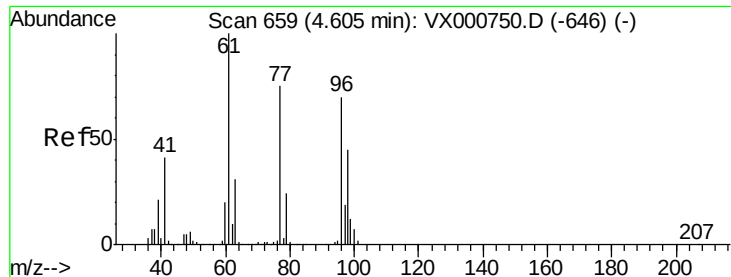
Tgt Ion: 77 Resp: 100227

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 22.15 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

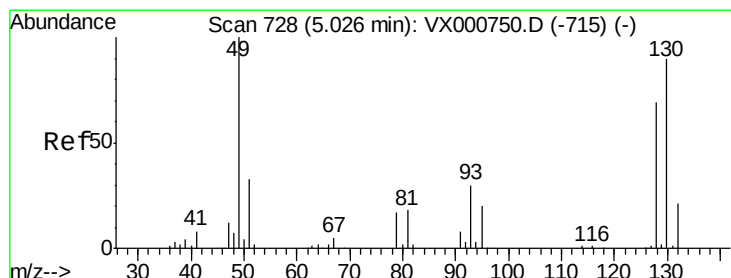
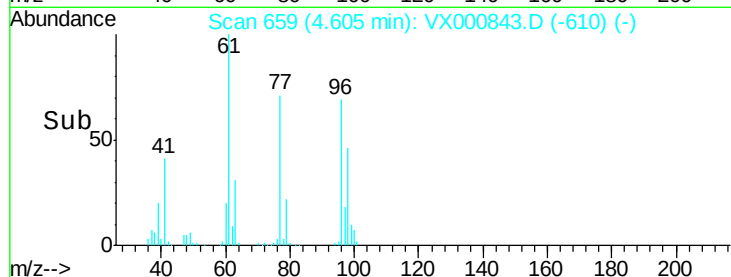
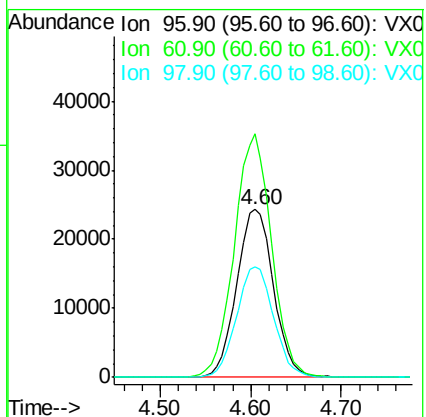
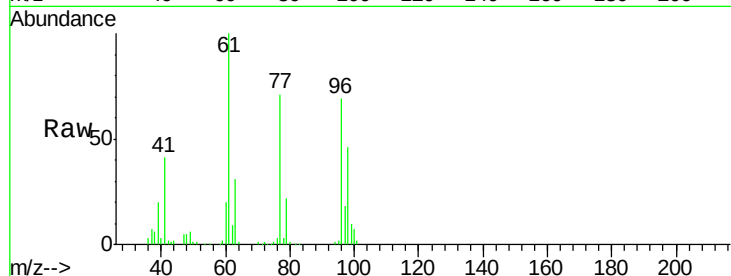
Tgt Ion: 96 Resp: 68393

Ion Ratio Lower Upper

96 100

61 146.9 0.0 292.4

98 66.3 0.0 130.2



#28

Bromochloromethane

Concen: 19.13 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

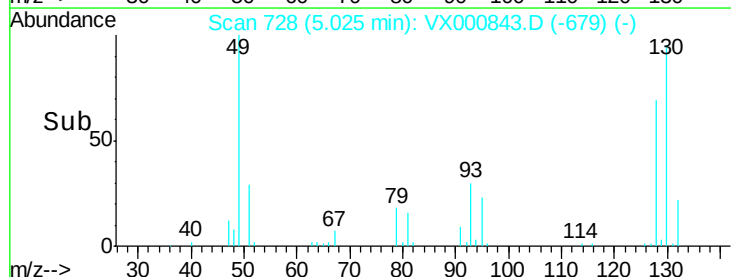
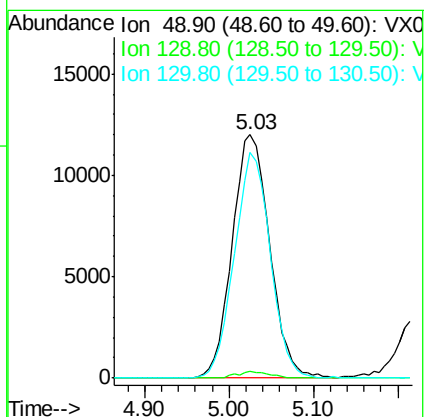
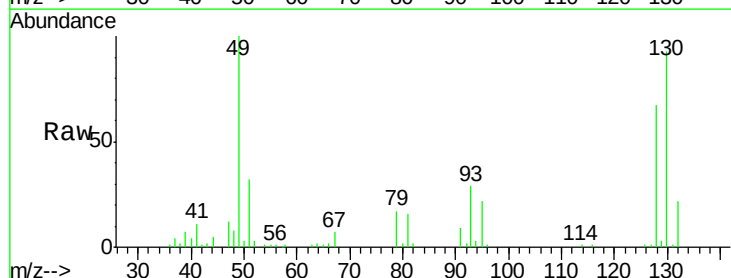
Tgt Ion: 49 Resp: 36239

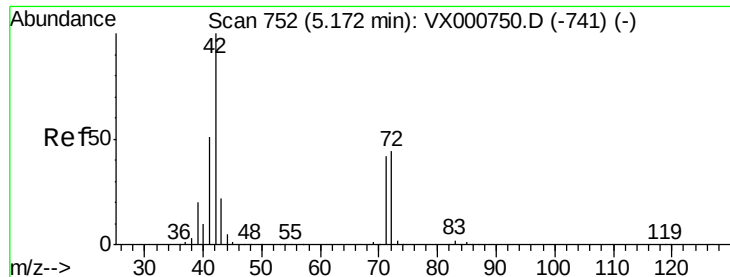
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.2

130 88.6 72.6 109.0





#29

Tetrahydrofuran

Concen: 113.42 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

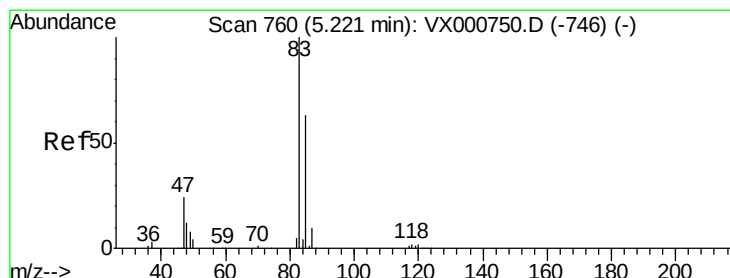
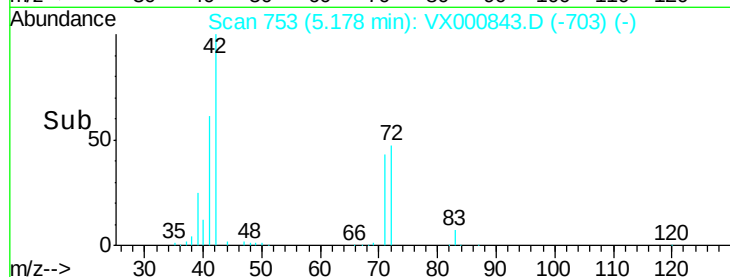
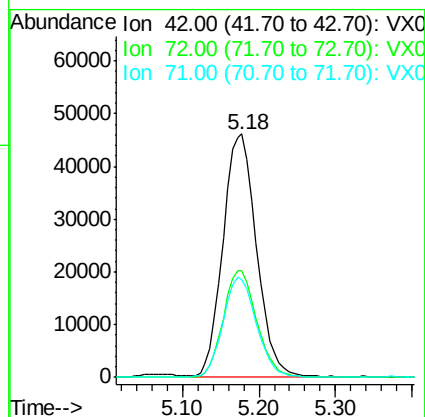
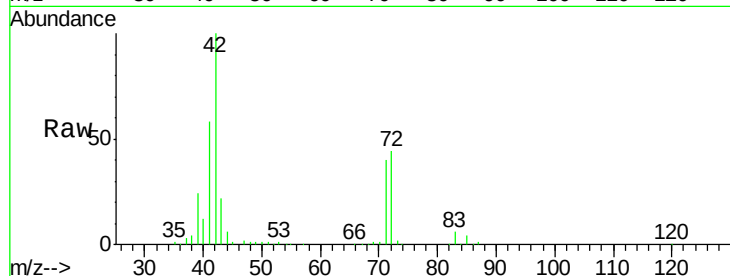
Tgt Ion: 42 Resp: 138987

Ion Ratio Lower Upper

42 100

72 44.3 35.1 52.7

71 41.3 32.8 49.2



#30

Chloroform

Concen: 22.68 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000843.D

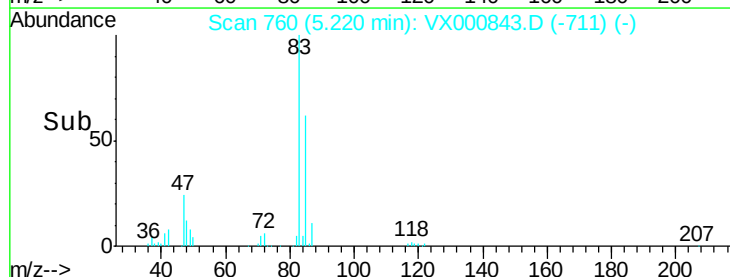
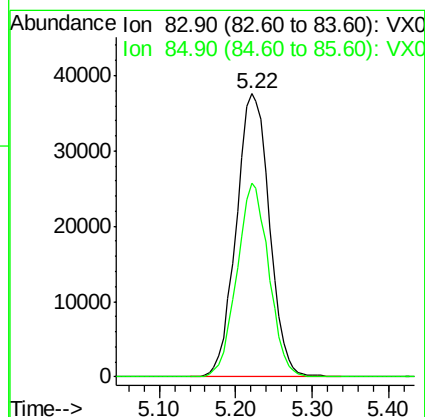
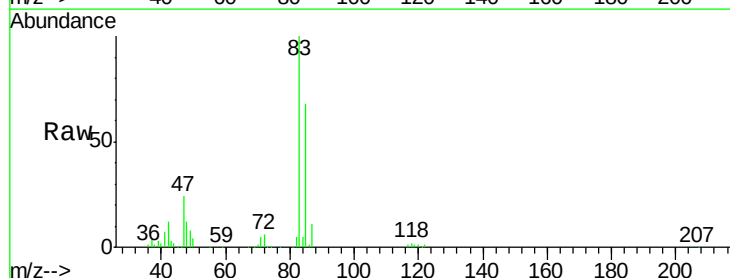
Acq: 13 Apr 2018 12:14

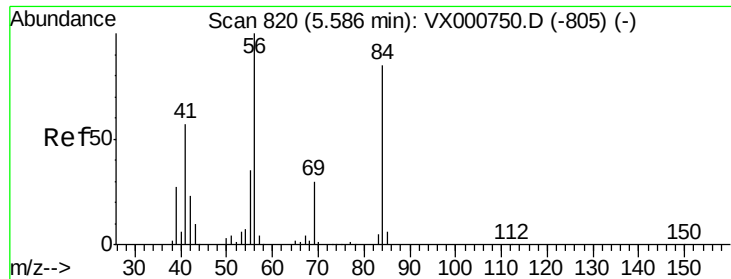
Tgt Ion: 83 Resp: 112941

Ion Ratio Lower Upper

83 100

85 68.3 50.7 76.1

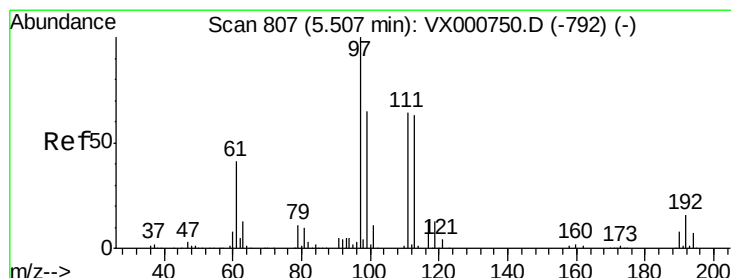
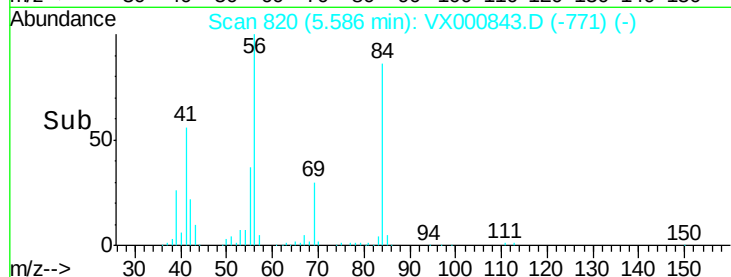
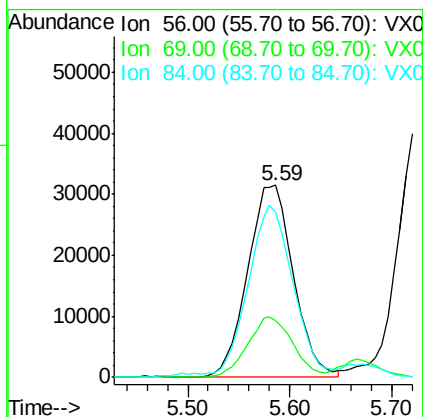
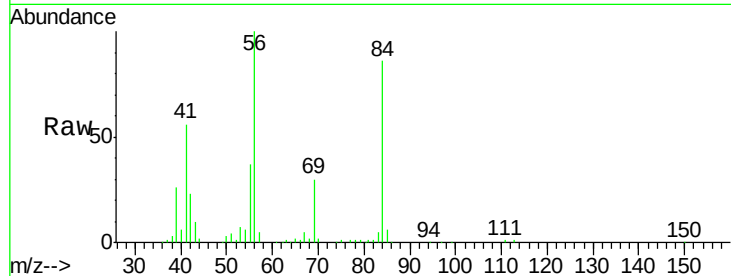




#31
Cyclohexane
Concen: 21.84 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

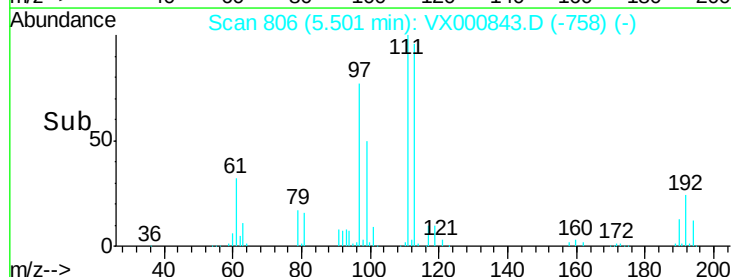
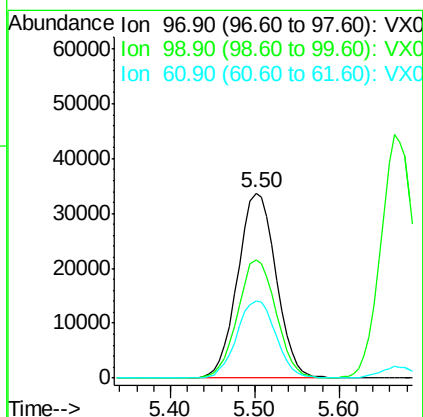
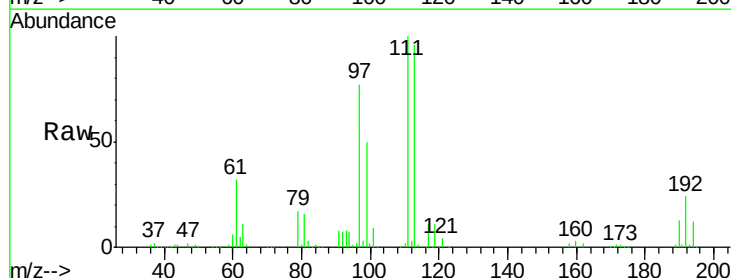
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

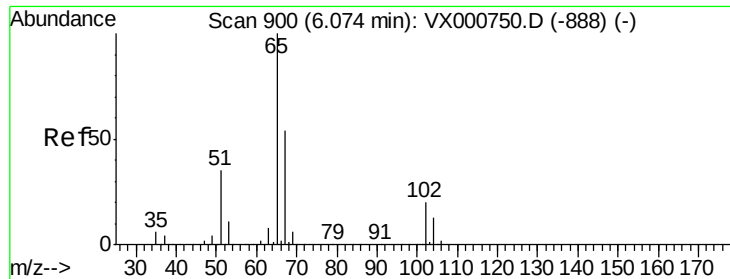
Tgt Ion: 56 Resp: 97560
Ion Ratio Lower Upper
56 100
69 29.7 24.2 36.4
84 84.7 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 21.97 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion: 97 Resp: 104244
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 42.5 33.7 50.5

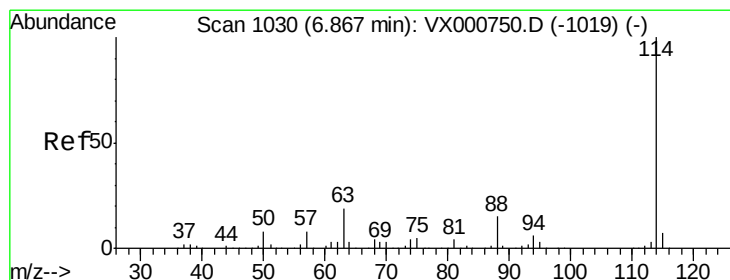
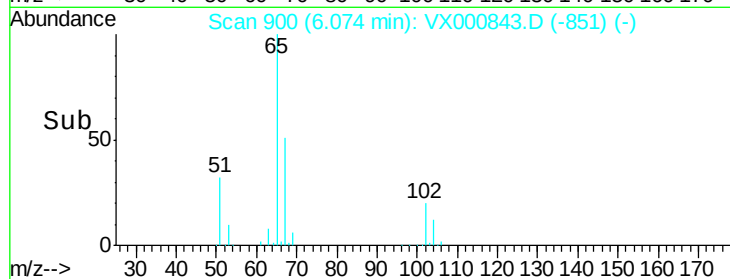
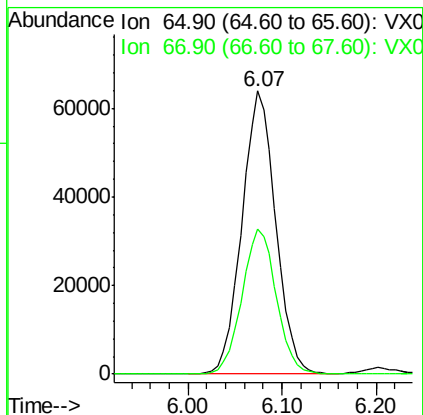
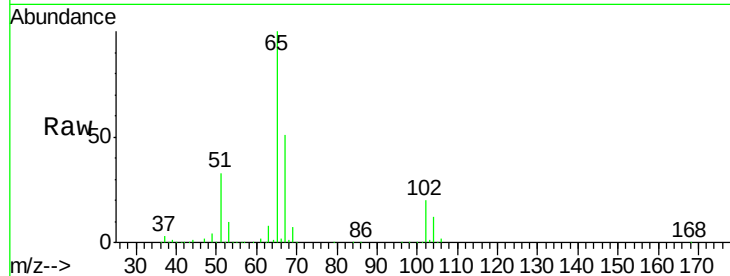




#33
 1,2-Dichloroethane-d4
 Concen: 47.39 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

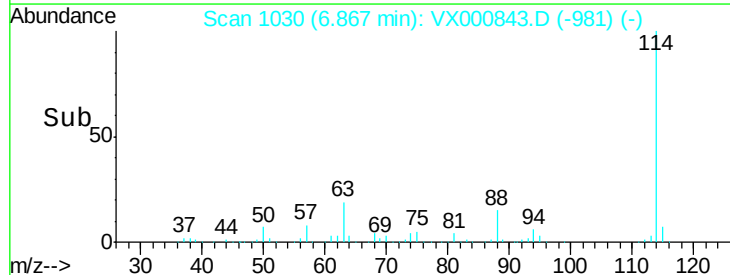
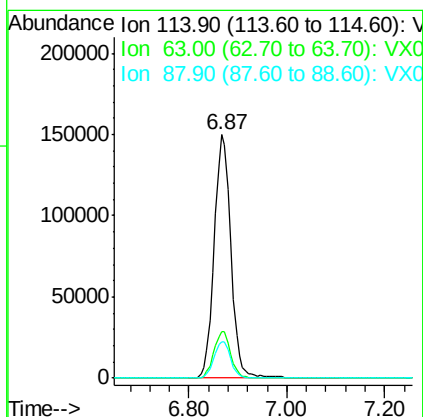
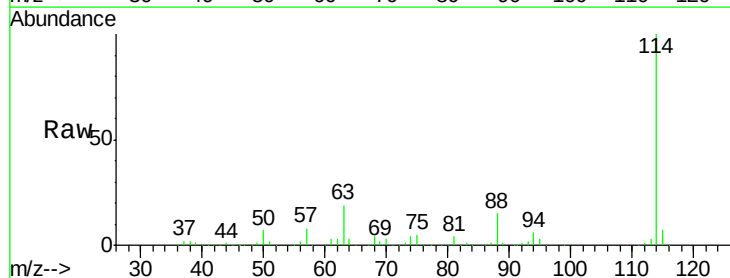
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

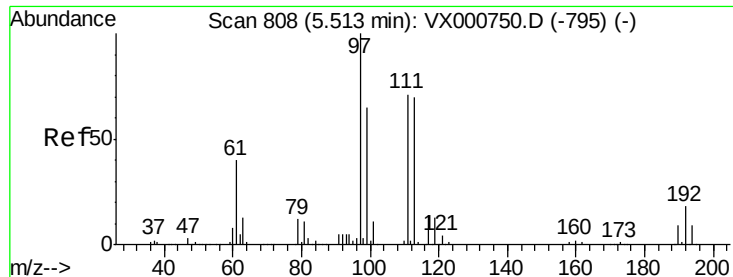
Tgt Ion: 65 Resp: 160600
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion: 114 Resp: 356415
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.84 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

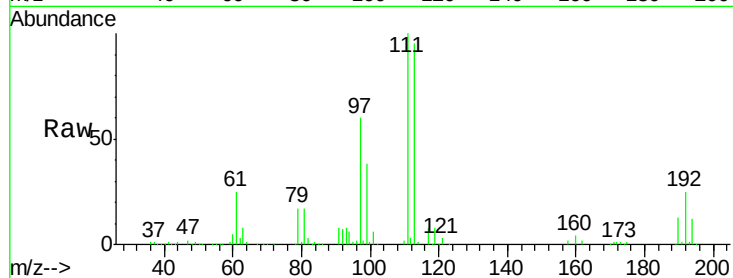
Tgt Ion:113 Resp: 134122

Ion Ratio Lower Upper

113 100

111 103.5 81.5 122.3

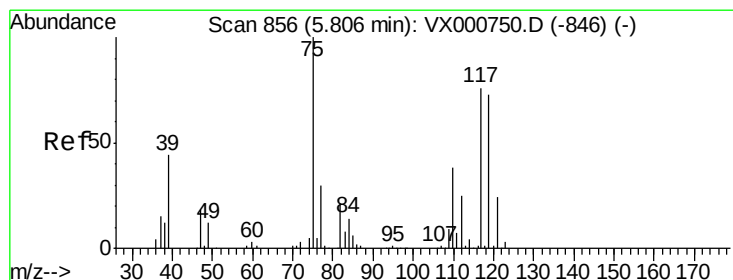
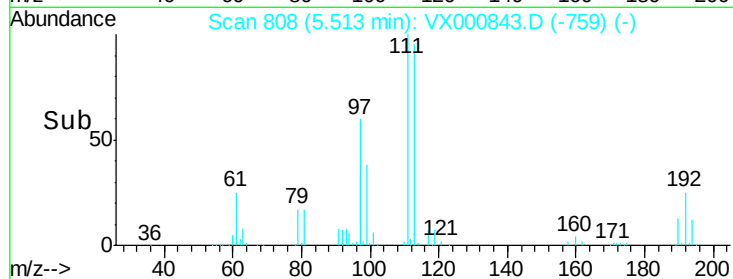
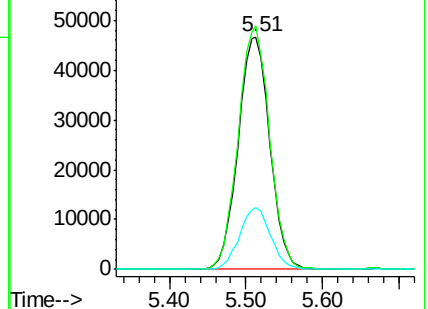
192 26.0 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.89 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

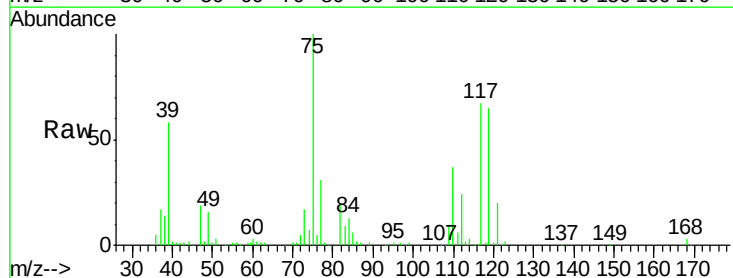
Tgt Ion: 75 Resp: 85927

Ion Ratio Lower Upper

75 100

110 37.9 19.2 57.6

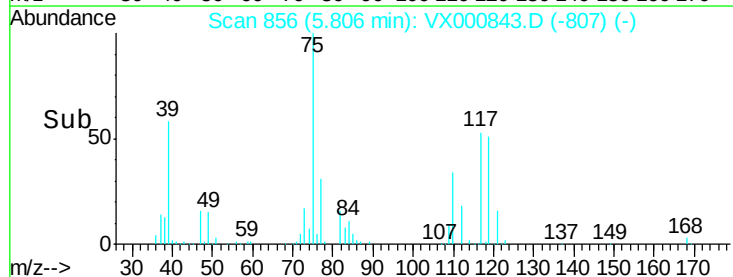
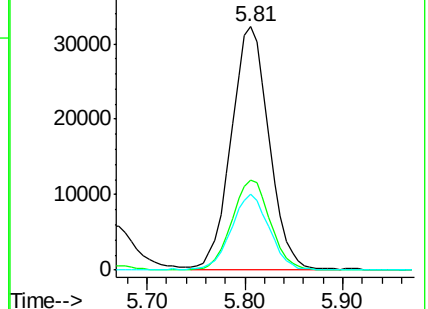
77 31.9 25.4 38.2

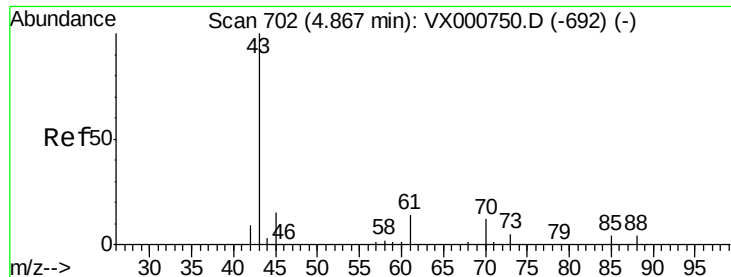


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 22.83 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

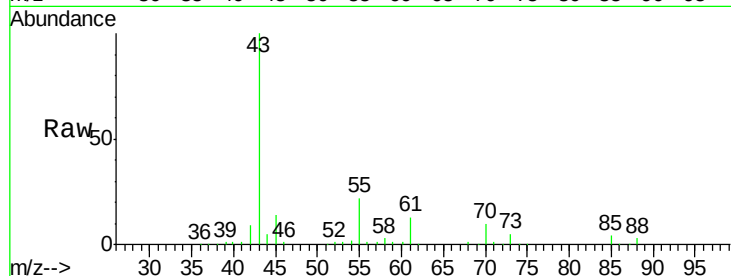
Tgt Ion: 43 Resp: 87479

Ion Ratio Lower Upper

43 100

61 13.5 11.0 16.4

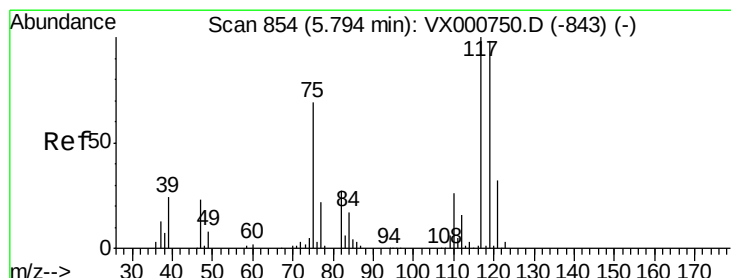
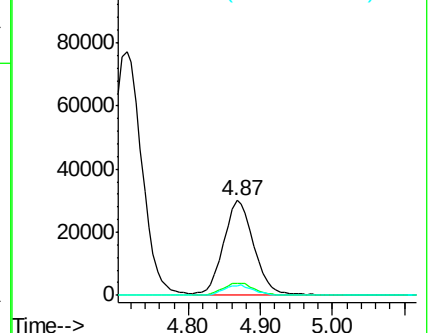
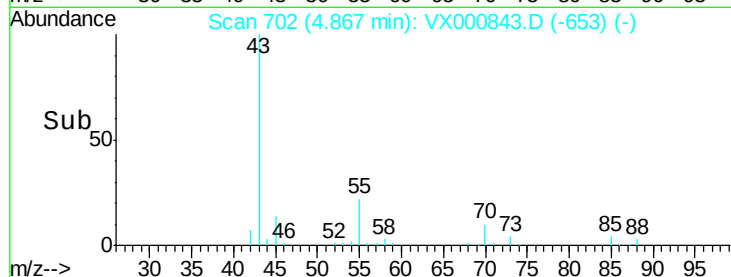
70 10.6 8.7 13.1



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: 21.09 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

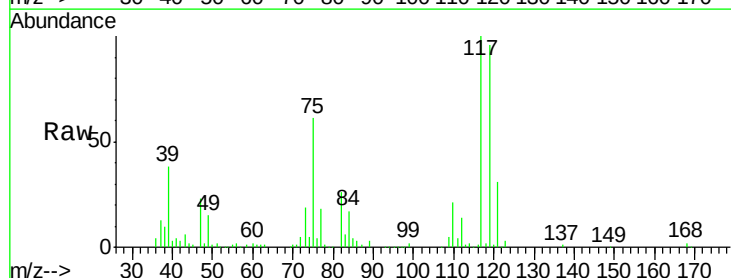
Tgt Ion: 117 Resp: 92662

Ion Ratio Lower Upper

117 100

119 95.6 78.4 117.6

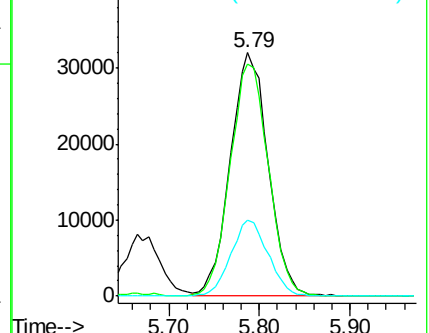
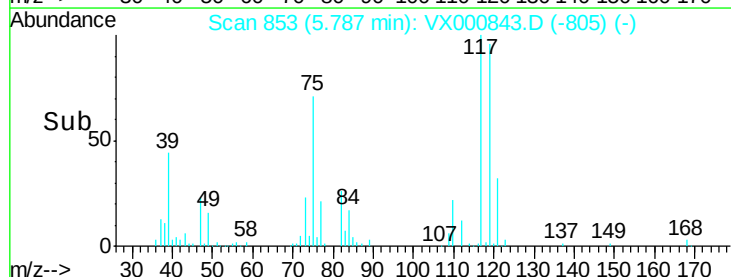
121 31.5 25.4 38.0

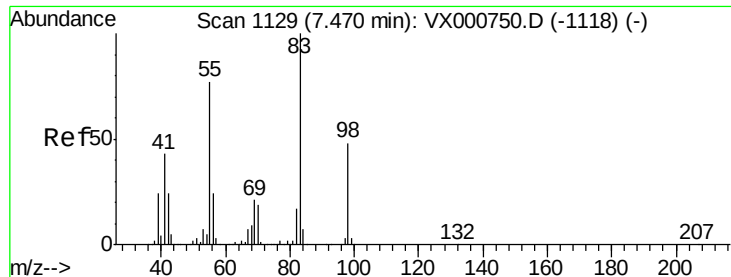


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

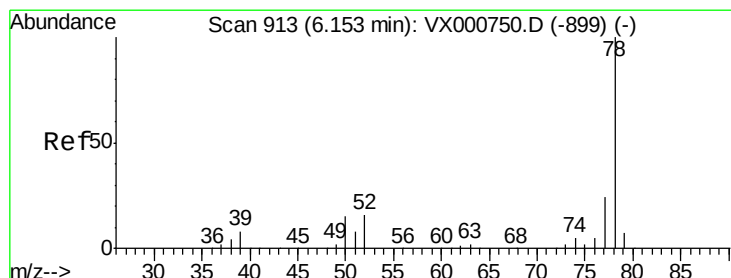
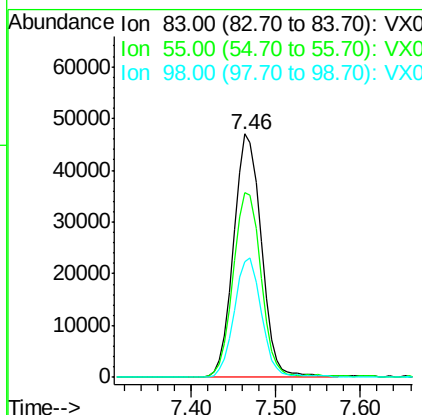
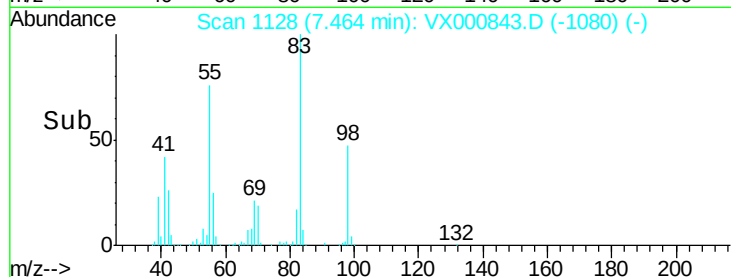
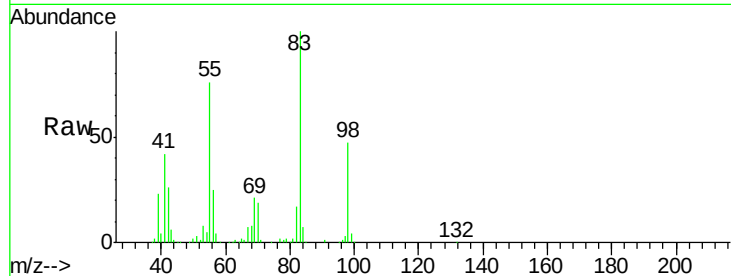




#39
Methylcyclohexane
Concen: 22.30 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

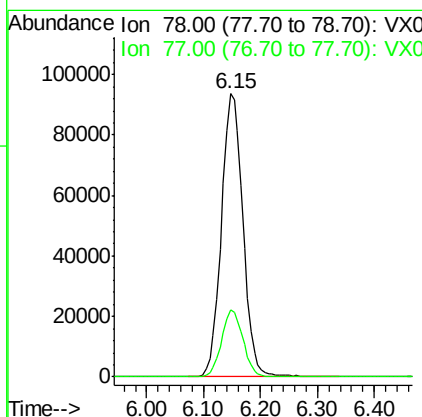
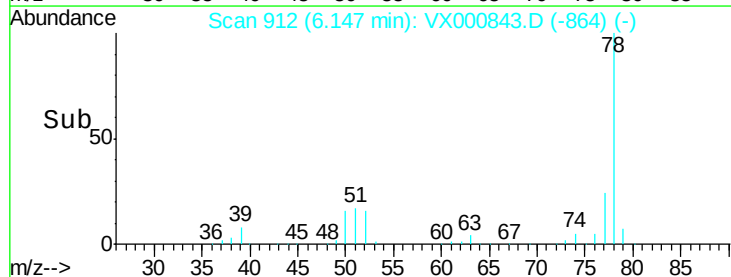
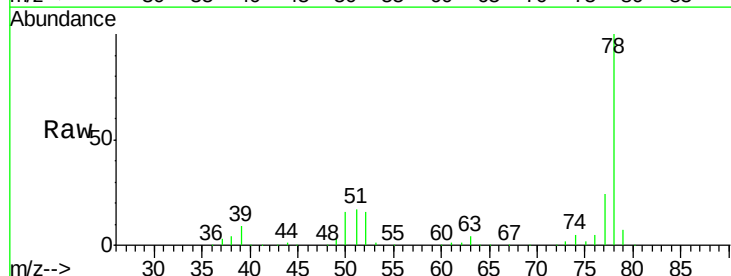
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

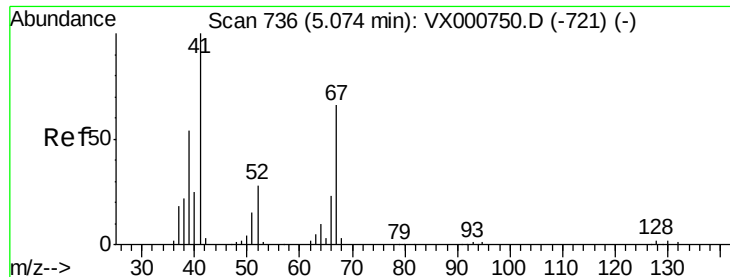
Tgt Ion: 83 Resp: 105115
Ion Ratio Lower Upper
83 100
55 75.7 61.5 92.3
98 47.3 38.1 57.1



#40
Benzene
Concen: 22.60 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion: 78 Resp: 246465
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

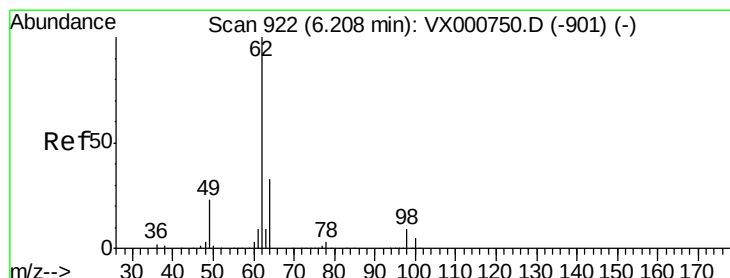
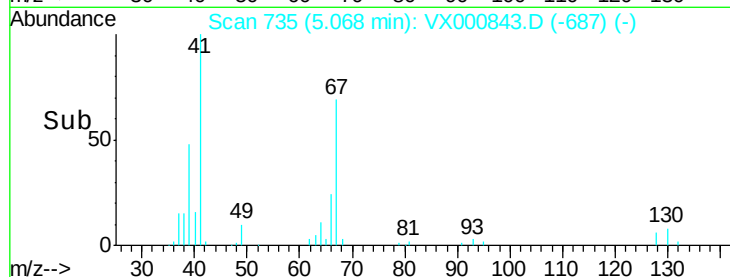
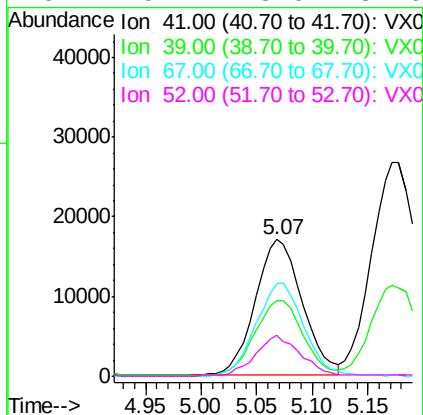
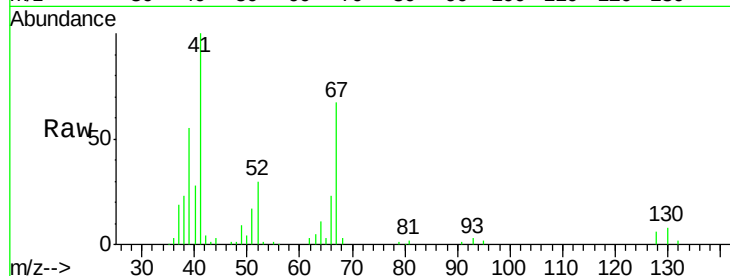




#41
Methacrylonitrile
Concen: 22.83 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

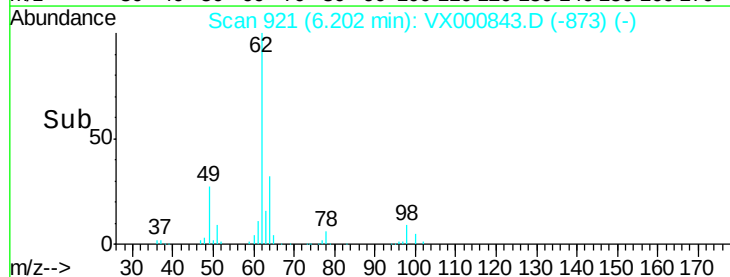
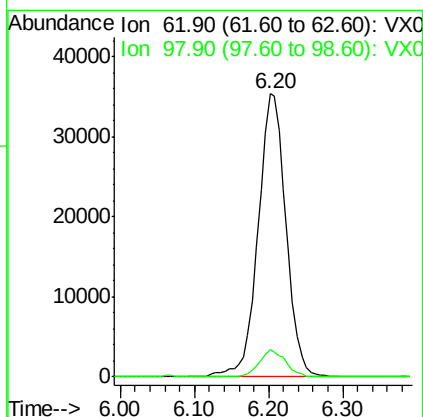
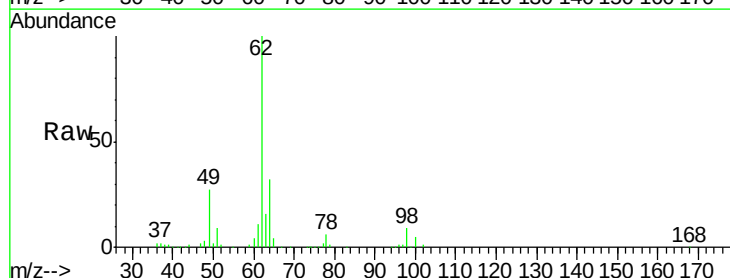
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

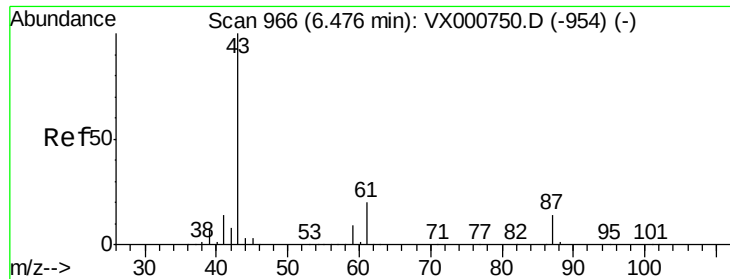
Tgt Ion:	41	Resp:	50552
Ion	Ratio	Lower	Upper
41	100		
39	56.4	44.9	67.3
67	69.4	54.7	82.1
52	29.4	23.0	34.6



#42
1,2-Dichloroethane
Concen: 22.71 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion:	62	Resp:	92516
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6





#43

Isopropyl Acetate

Concen: 22.40 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

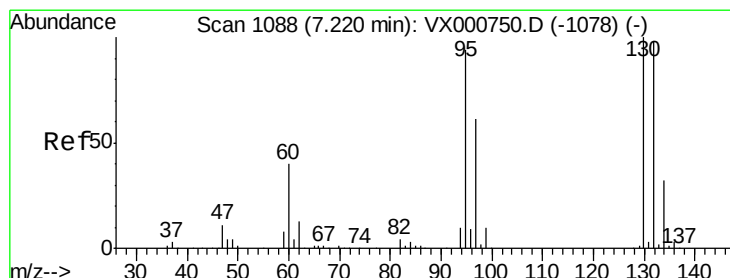
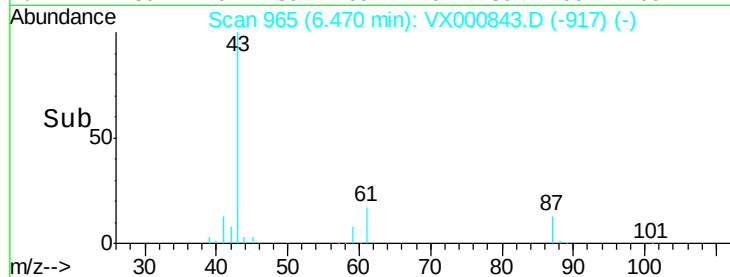
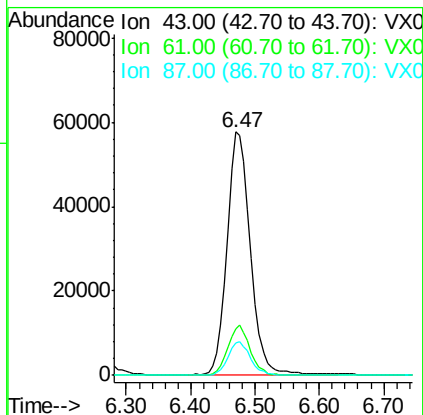
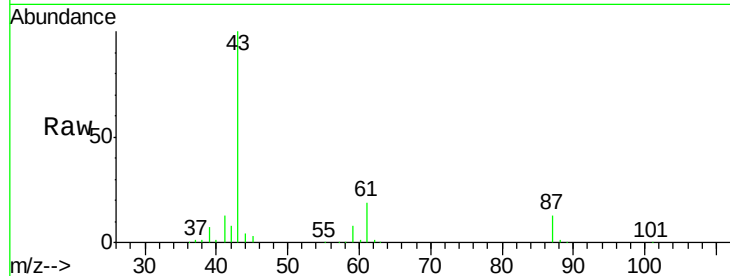
Tgt Ion: 43 Resp: 147178

Ion Ratio Lower Upper

43 100

61 19.6 15.6 23.4

87 13.3 10.7 16.1



#44

Trichloroethene

Concen: 22.50 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000843.D

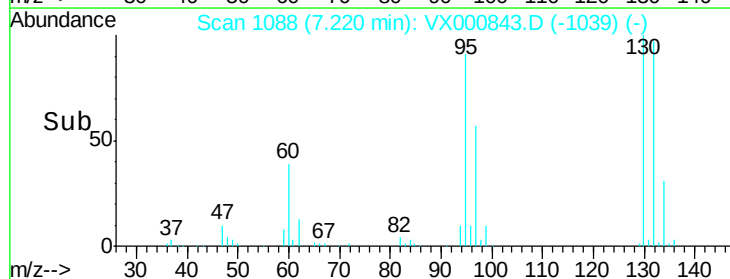
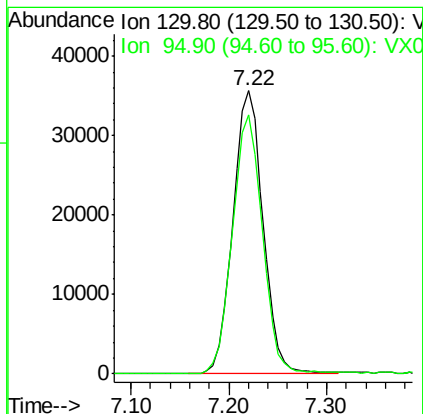
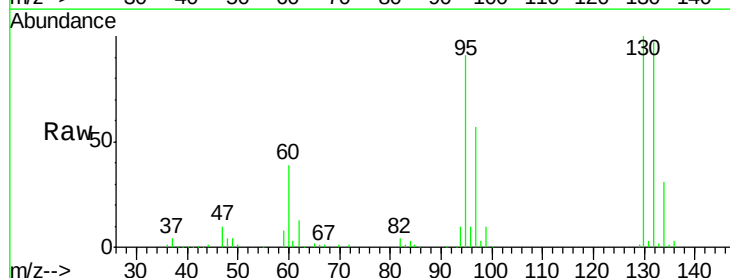
Acq: 13 Apr 2018 12:14

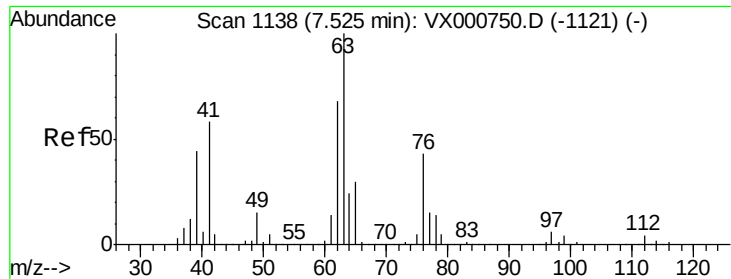
Tgt Ion: 130 Resp: 76316

Ion Ratio Lower Upper

130 100

95 91.4 0.0 187.0

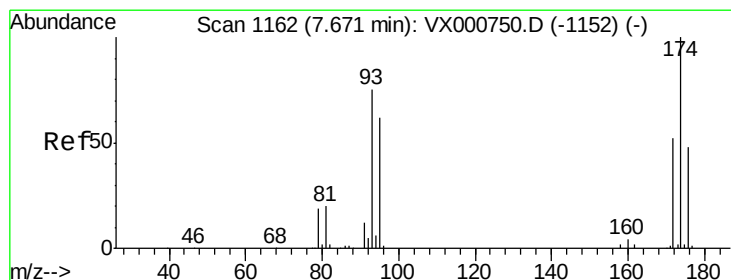
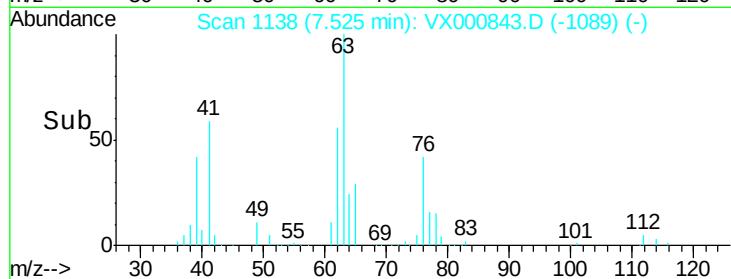
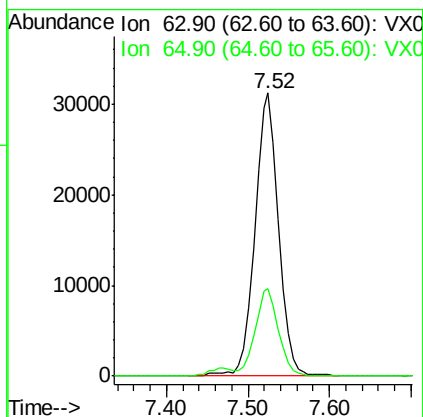
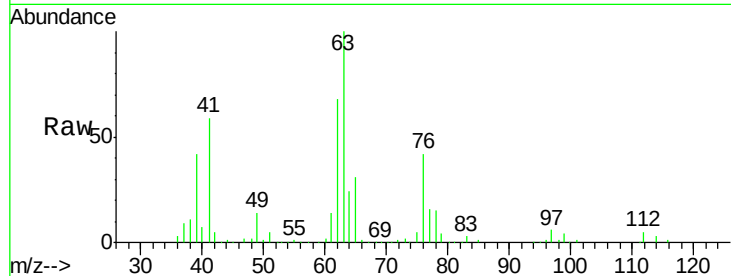




#45
 1,2-Dichloropropane
 Concen: 22.79 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

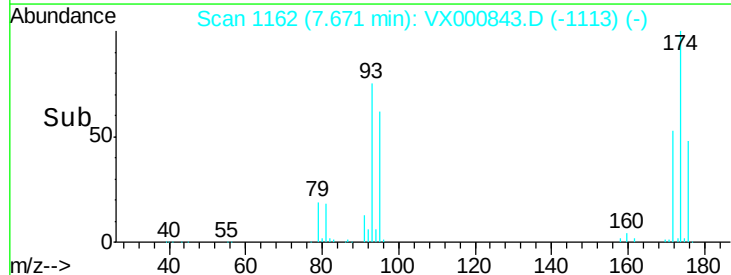
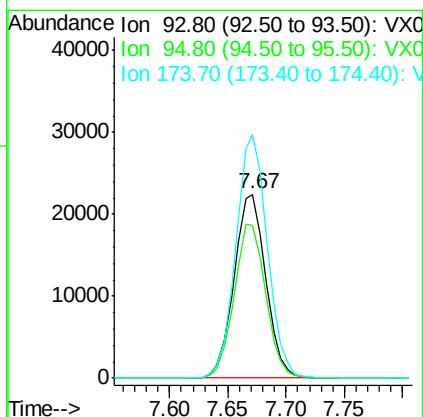
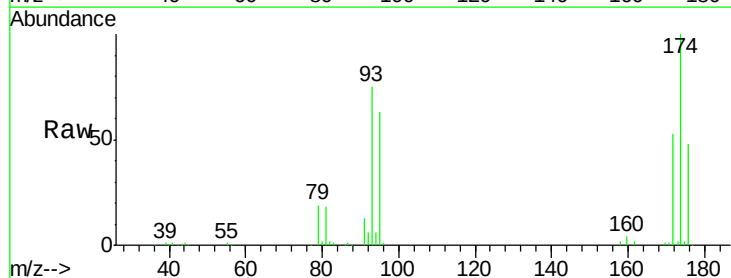
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

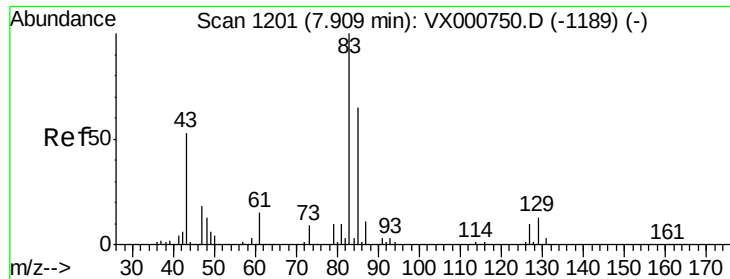
Tgt Ion: 63 Resp: 63296
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.7 35.5



#46
 Dibromomethane
 Concen: 22.04 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion: 93 Resp: 42680
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 100.0
 174 131.3 104.5 156.7





#47

Bromodichloromethane

Concen: 21.64 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

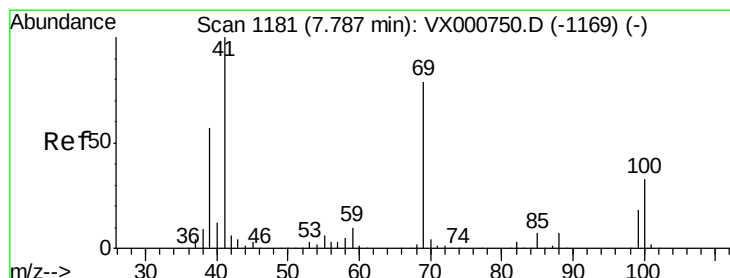
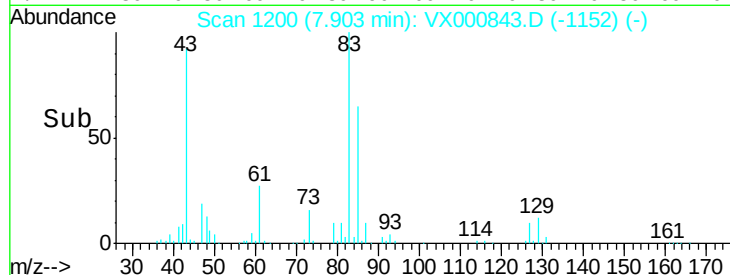
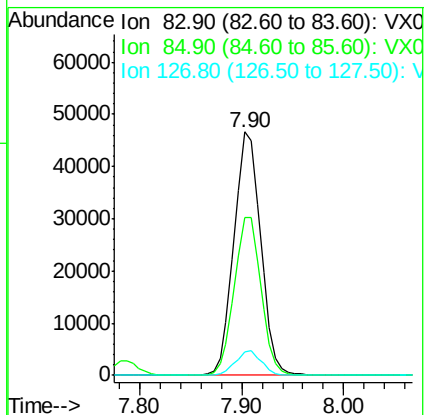
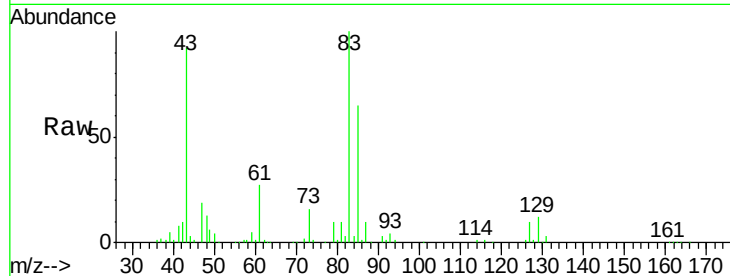
Tgt Ion: 83 Resp: 84584

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4

127 9.6 7.8 11.8



#48

Methyl methacrylate

Concen: 22.34 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

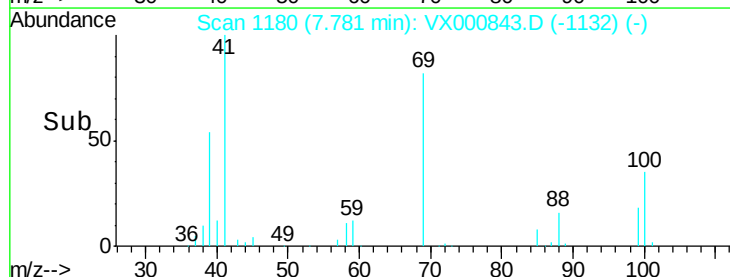
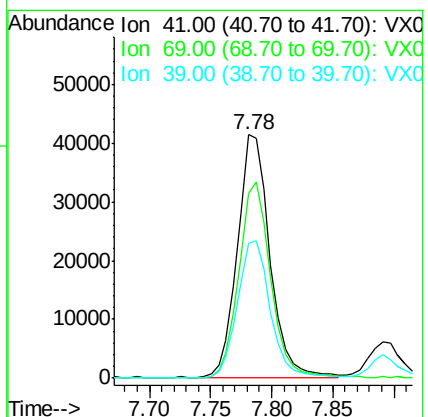
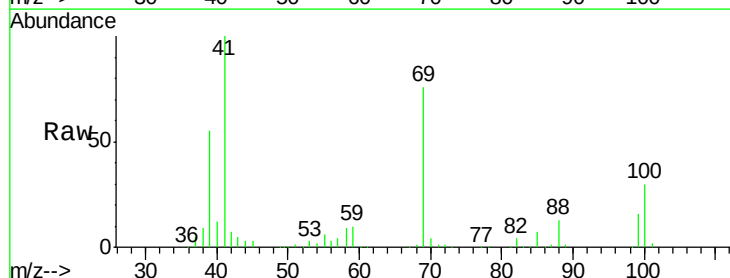
Tgt Ion: 41 Resp: 76062

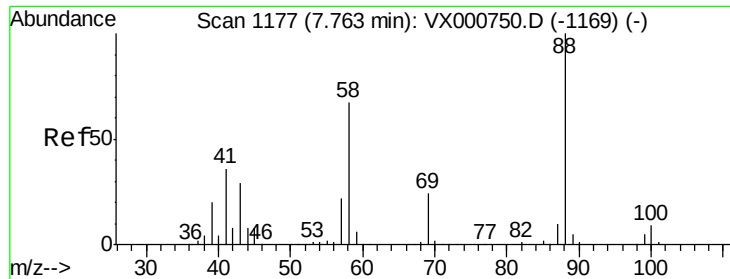
Ion Ratio Lower Upper

41 100

69 80.4 63.9 95.9

39 57.0 45.9 68.9

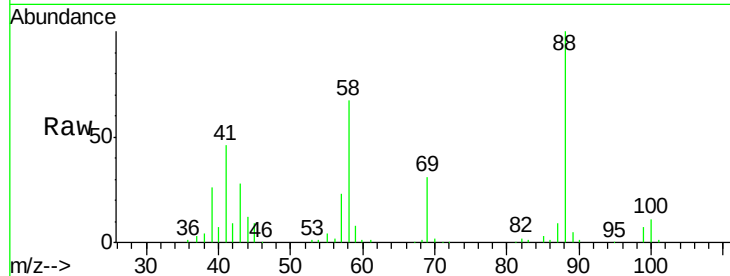




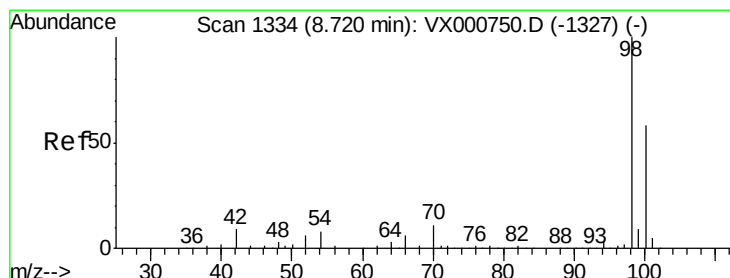
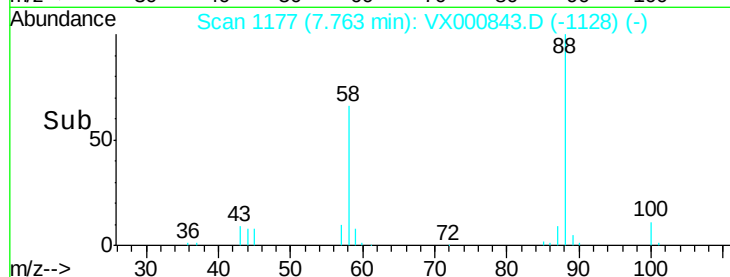
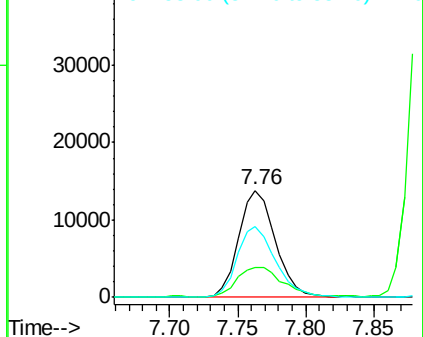
#49
1,4-Dioxane
Concen: 380.43 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tgt Ion: 88 Resp: 26035
Ion Ratio Lower Upper
88 100
43 34.7 25.8 38.8
58 69.5 54.4 81.6

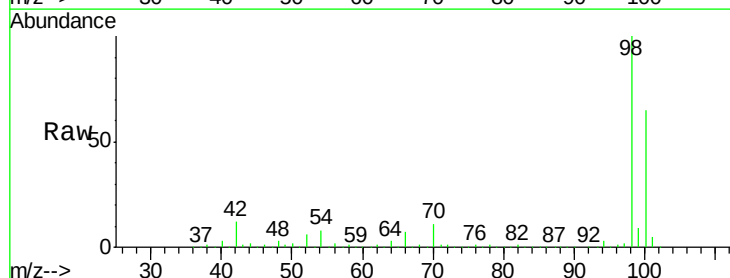


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

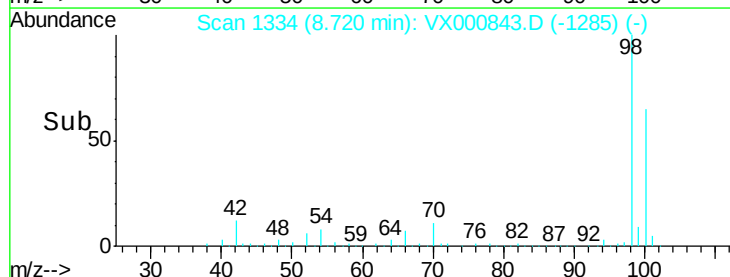
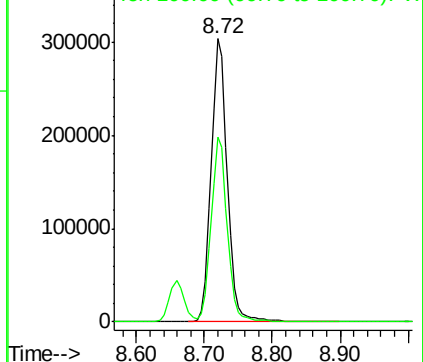


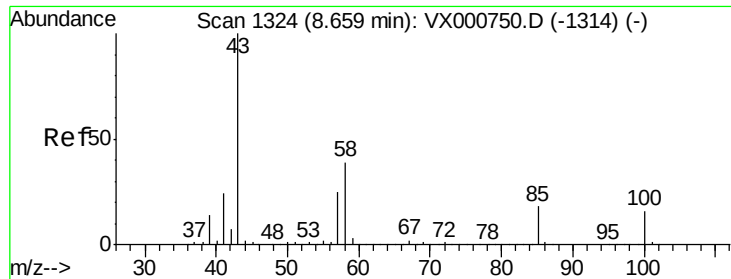
#50
Toluene-d8
Concen: 48.84 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion: 98 Resp: 499363
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



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





#51

4-Methyl-2-Pentanone

Concen: 117.17 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

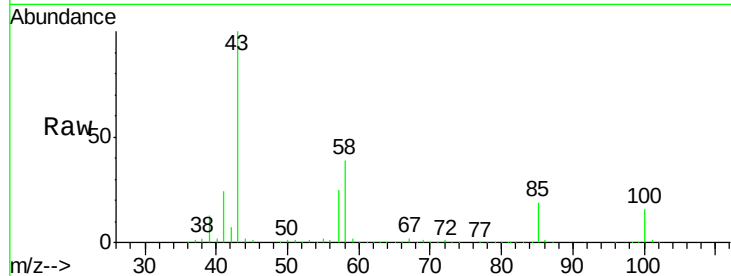
VX0413WBS01

Tgt Ion: 43 Resp: 452185

Ion Ratio Lower Upper

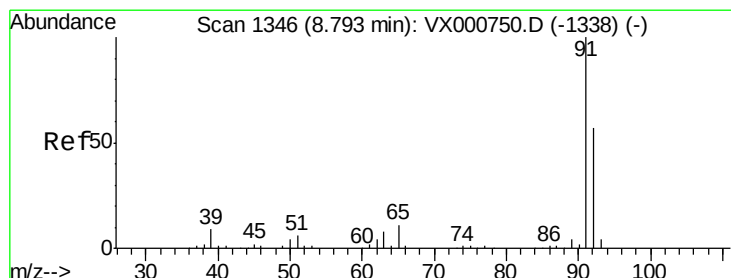
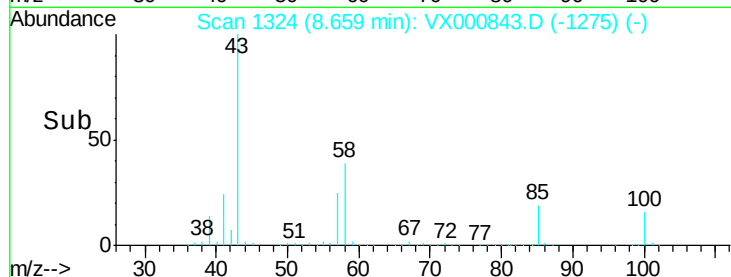
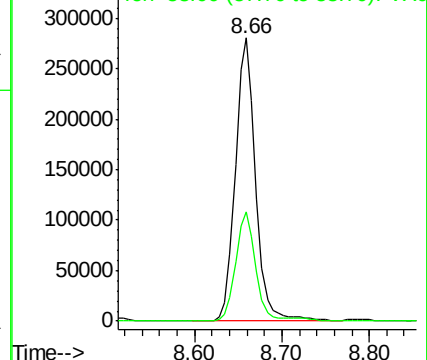
43 100

58 37.5 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 22.57 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000843.D

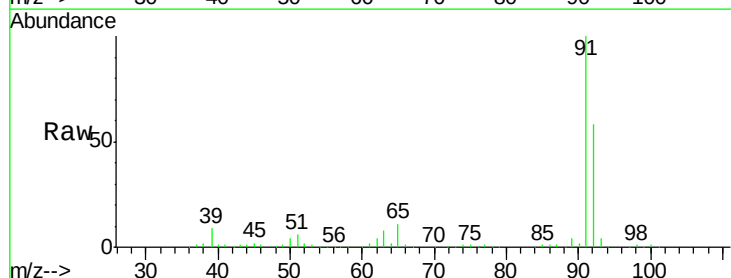
Acq: 13 Apr 2018 12:14

Tgt Ion: 92 Resp: 163347

Ion Ratio Lower Upper

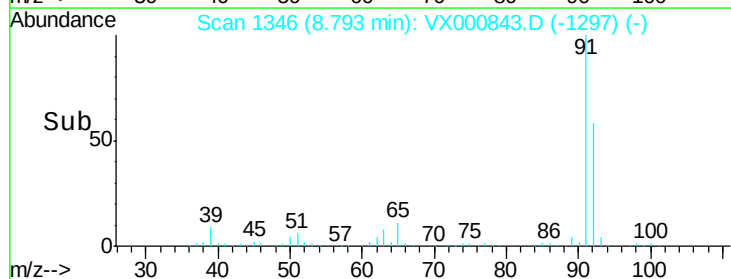
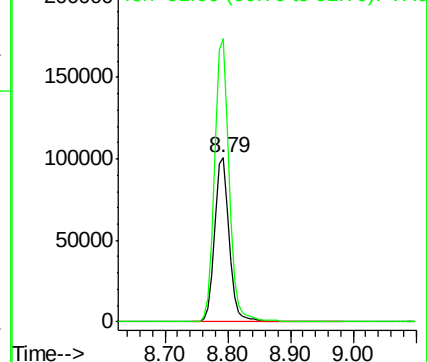
92 100

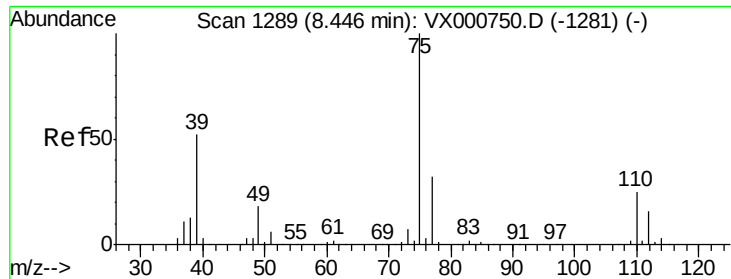
91 172.3 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 22.13 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

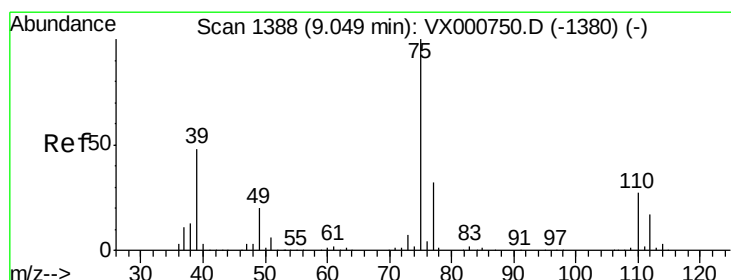
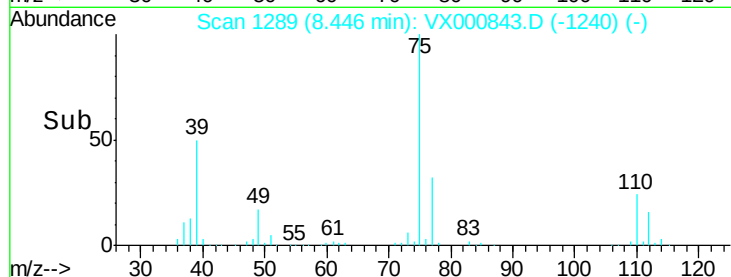
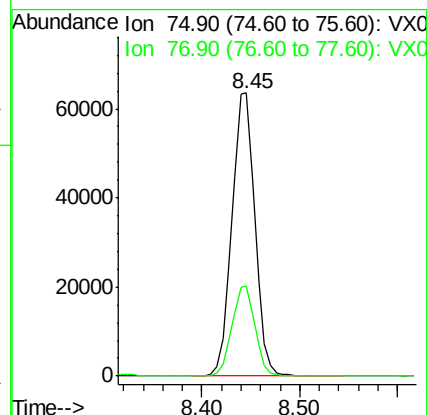
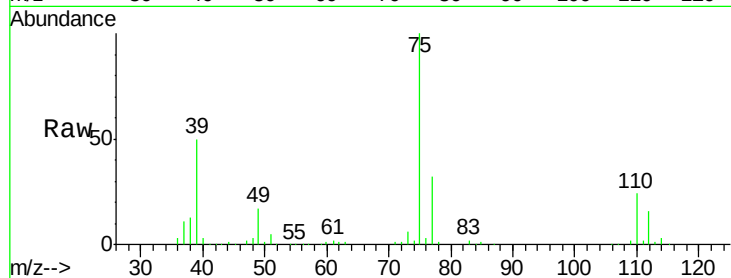
VX0413WBS01

Tgt Ion: 75 Resp: 103728

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.49 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

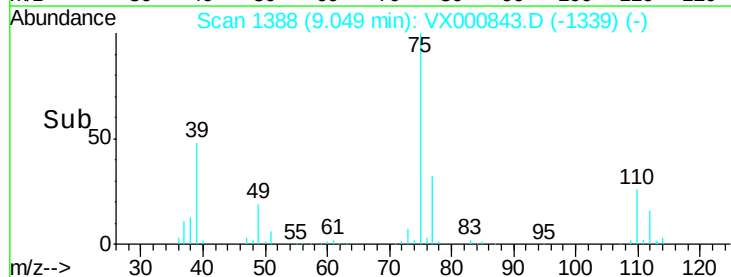
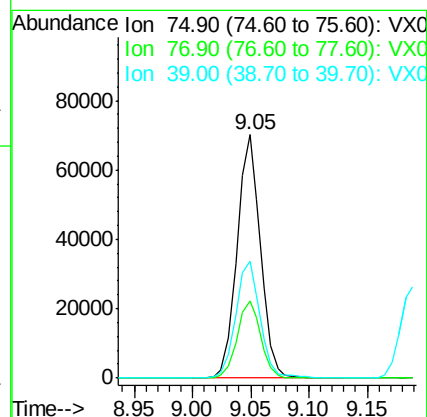
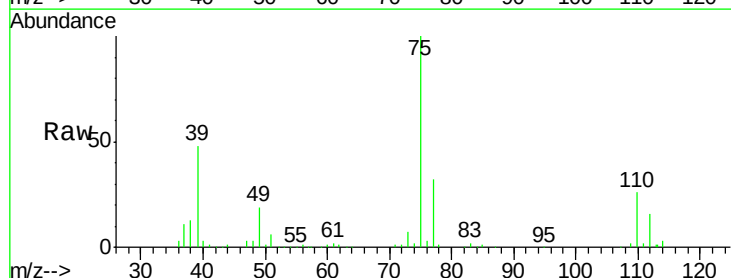
Tgt Ion: 75 Resp: 98094

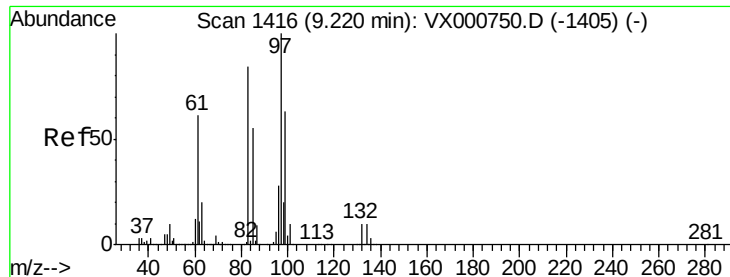
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

39 47.7 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 22.80 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tgt Ion: 97 Resp: 65494

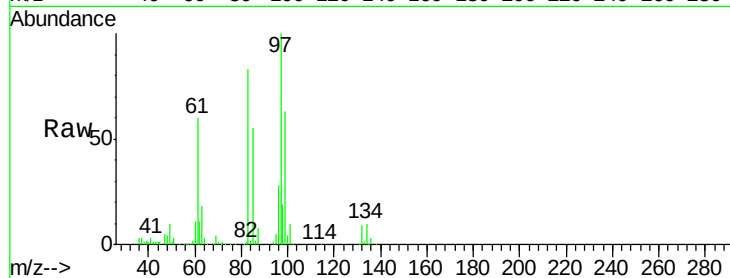
Ion Ratio Lower Upper

97 100

83 83.2 67.6 101.4

85 54.7 43.8 65.6

99 62.4 50.2 75.4

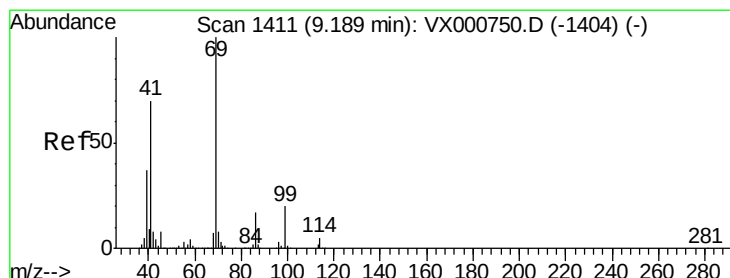
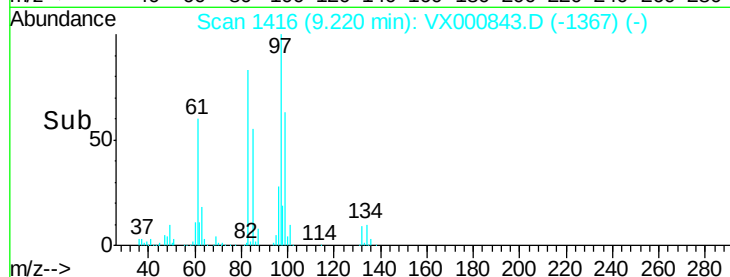
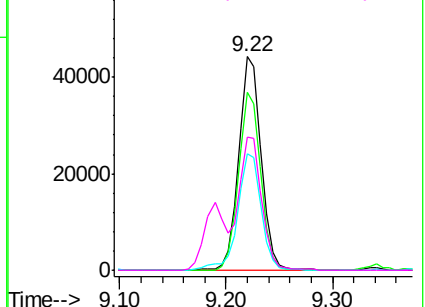


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 22.36 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

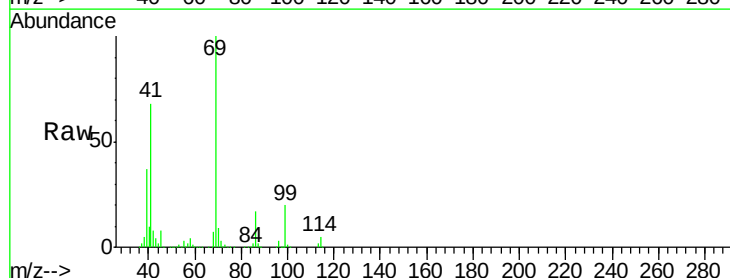
Tgt Ion: 69 Resp: 99076

Ion Ratio Lower Upper

69 100

41 68.4 55.6 83.4

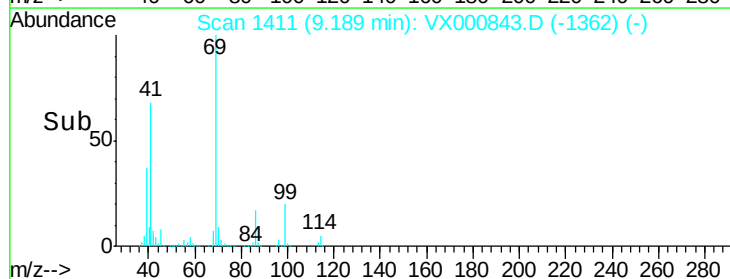
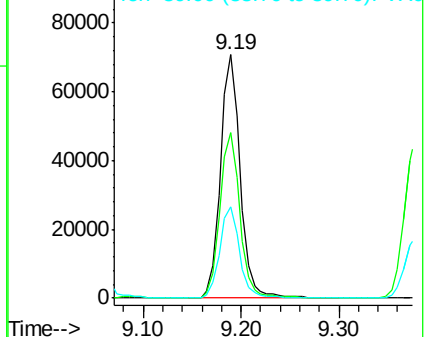
39 37.4 30.3 45.5

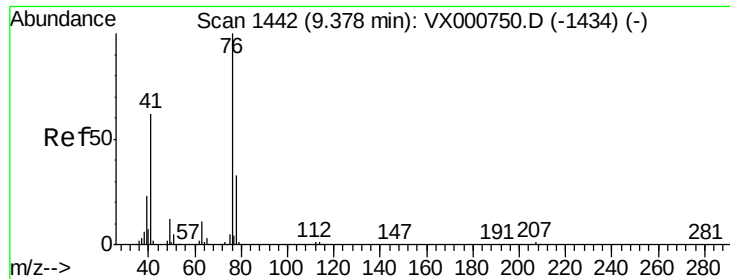


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 23.23 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

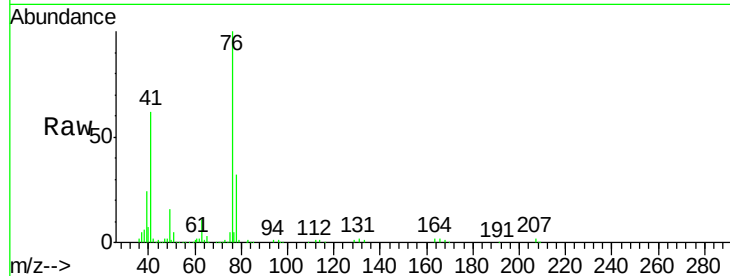
VX0413WBS01

Tgt Ion: 76 Resp: 106102

Ion Ratio Lower Upper

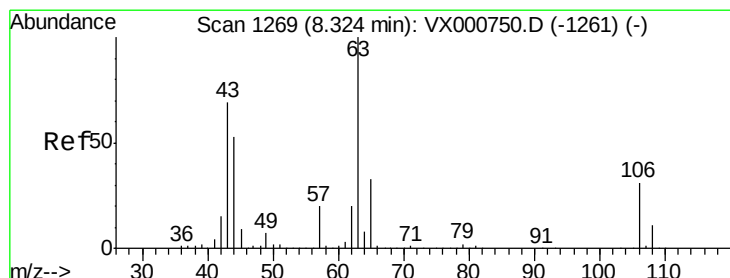
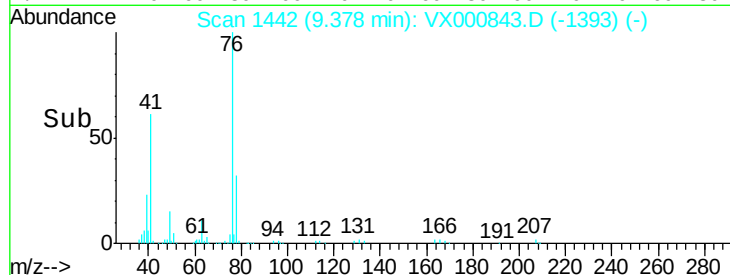
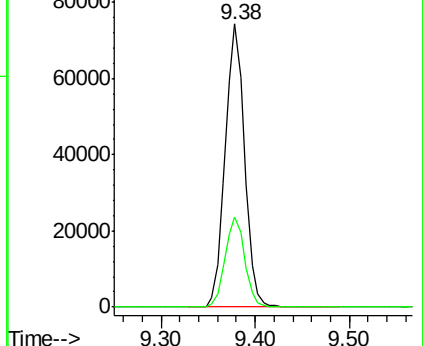
76 100

78 32.2 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: 104.96 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000843.D

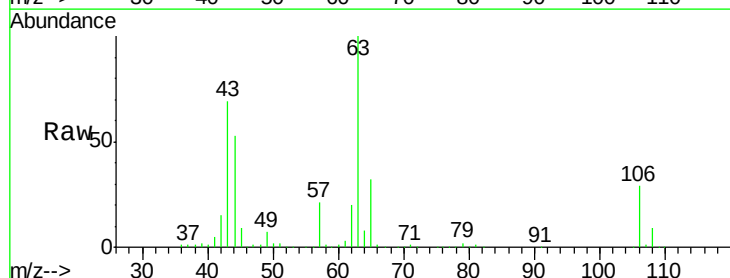
Acq: 13 Apr 2018 12:14

Tgt Ion: 63 Resp: 217293

Ion Ratio Lower Upper

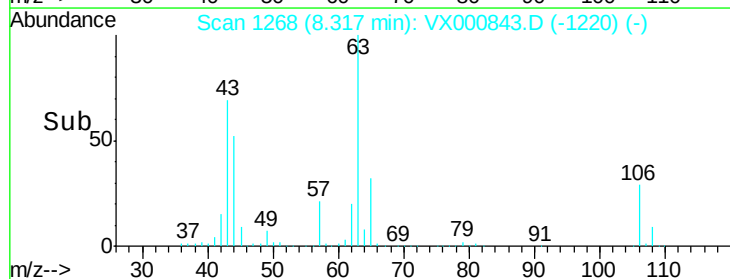
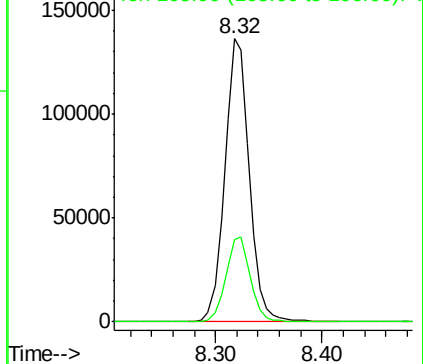
63 100

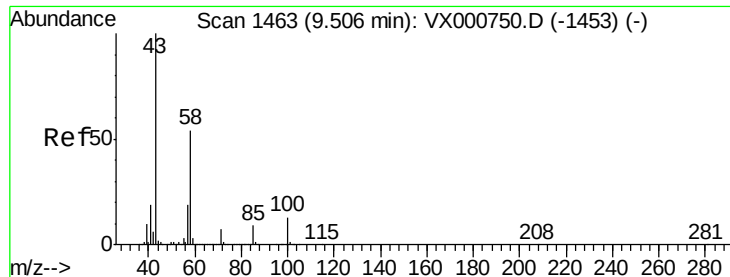
106 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

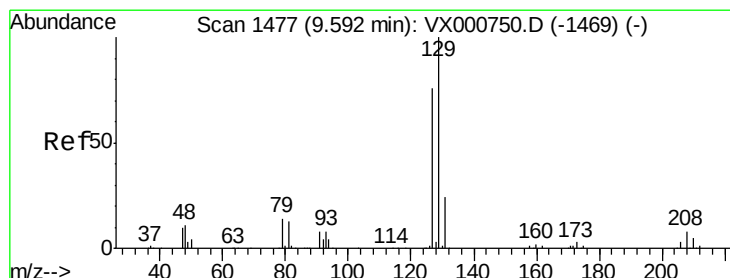
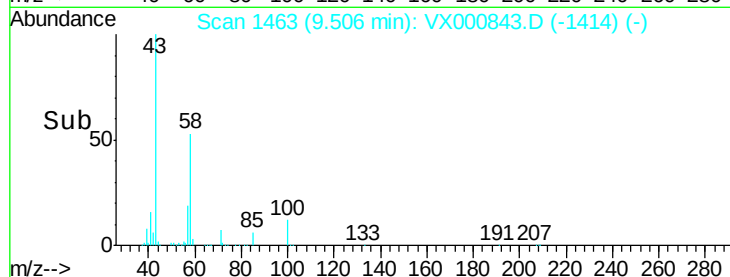
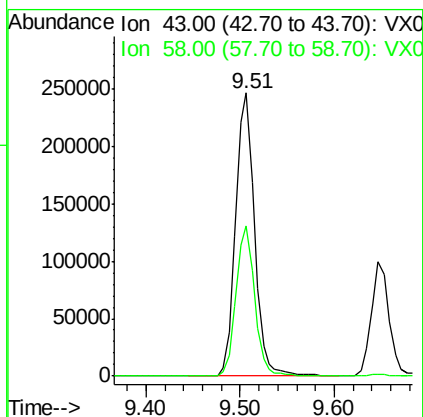
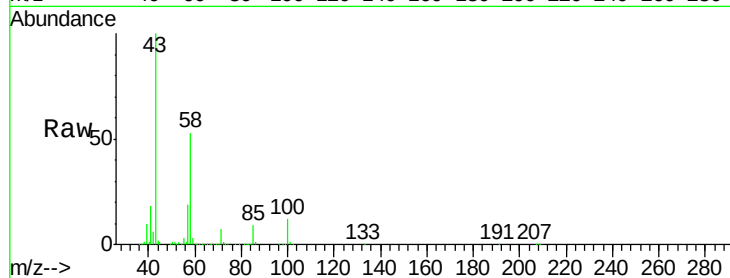




#59
2-Hexanone
Concen: 115.59 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

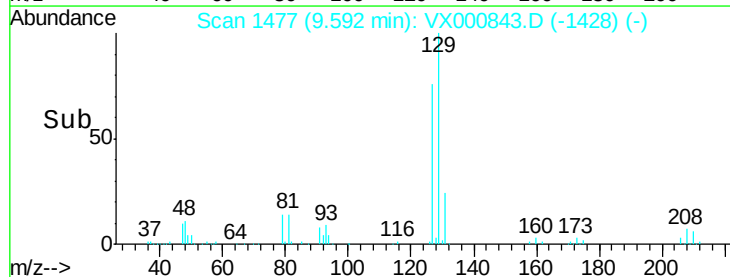
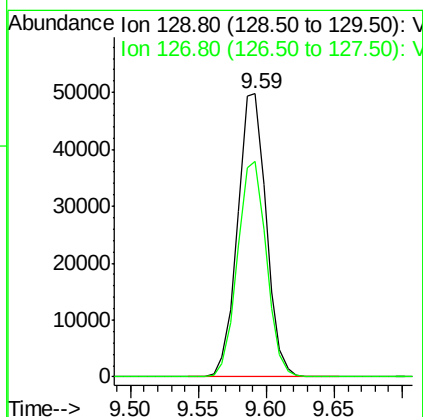
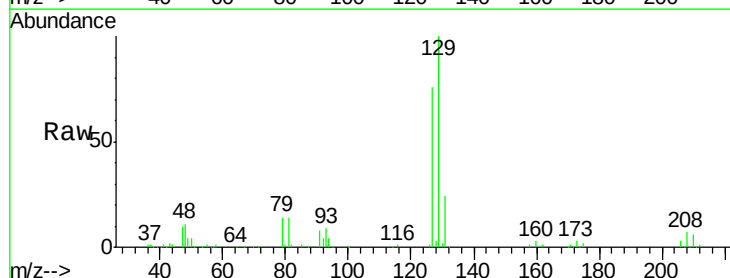
Instrument :
MSVOA_X
ClientSampled :
VX0413WBS01

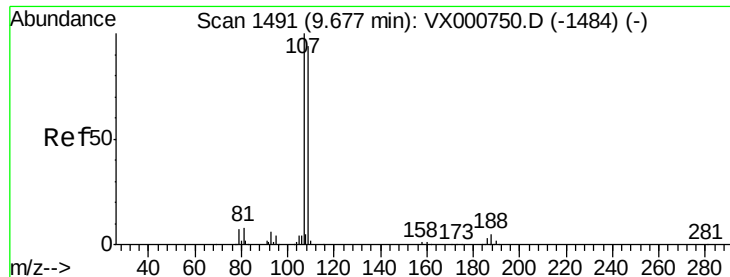
Tgt Ion: 43 Resp: 344358
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.5



#60
Dibromochloromethane
Concen: 21.27 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion: 129 Resp: 73102
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 22.80 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

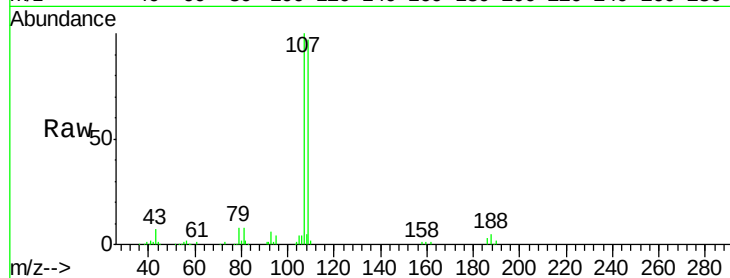
VX0413WBS01

Tgt Ion: 107 Resp: 69476

Ion Ratio Lower Upper

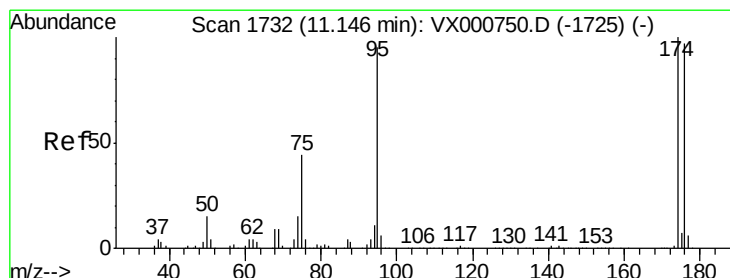
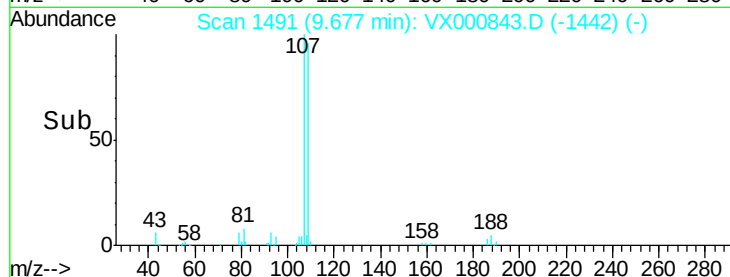
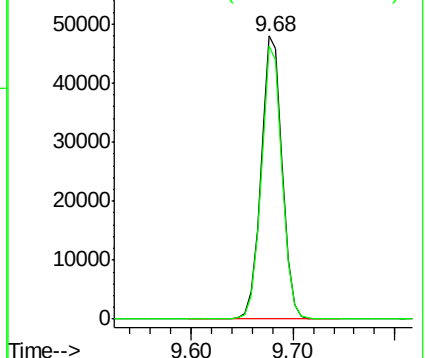
107 100

109 95.1 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.43 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

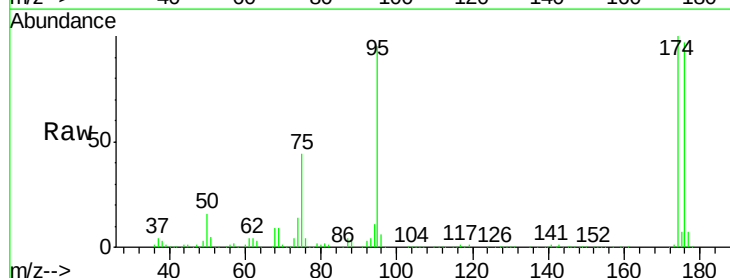
Tgt Ion: 95 Resp: 204862

Ion Ratio Lower Upper

95 100

174 98.2 0.0 198.4

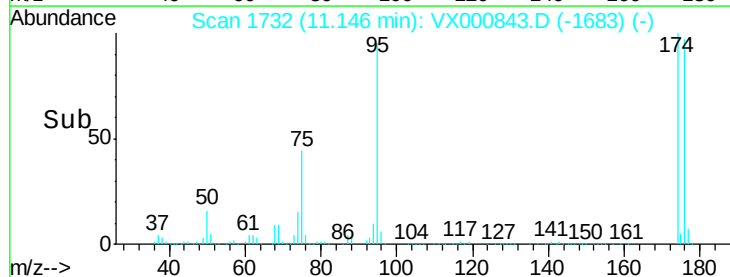
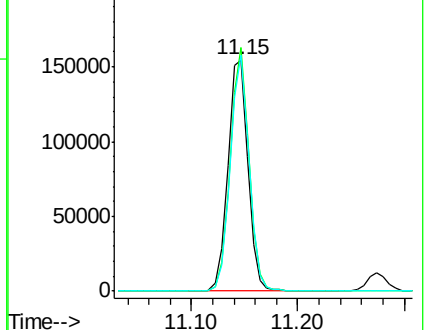
176 96.0 0.0 194.4

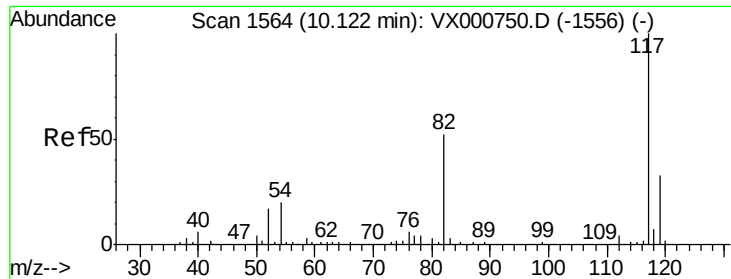


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

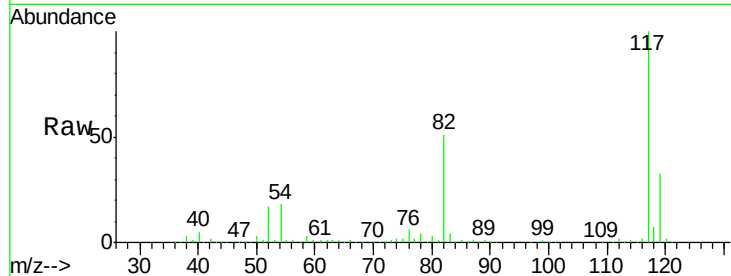




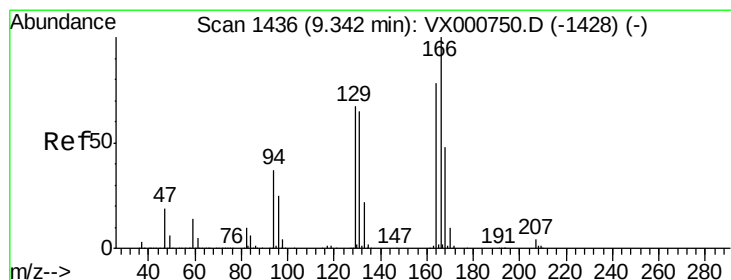
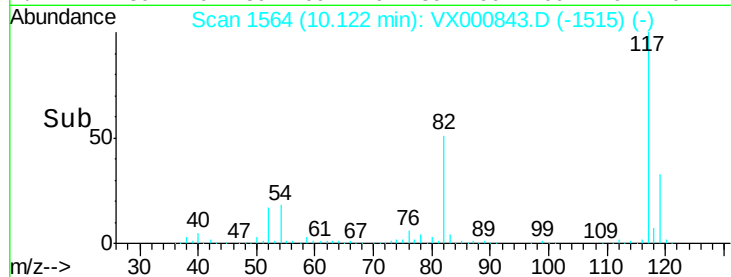
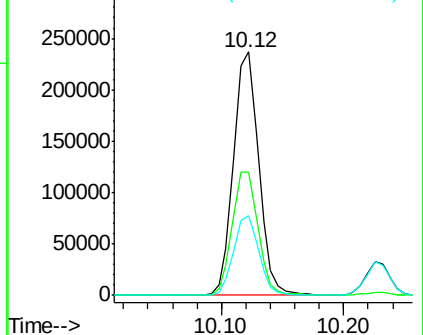
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tgt Ion:117 Resp: 337996
Ion Ratio Lower Upper
117 100
82 50.7 41.9 62.9
119 32.7 26.0 39.0



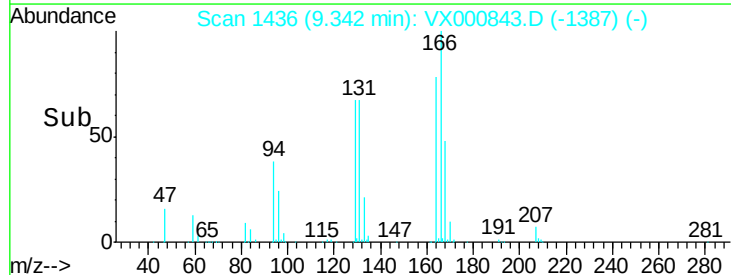
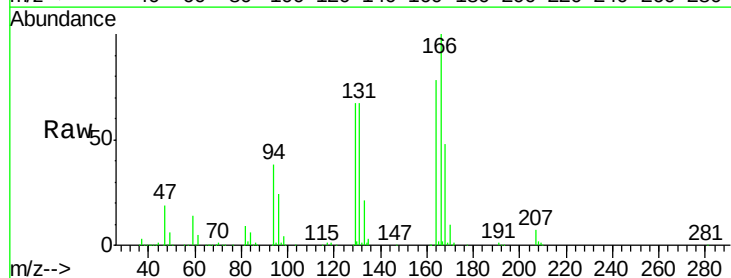
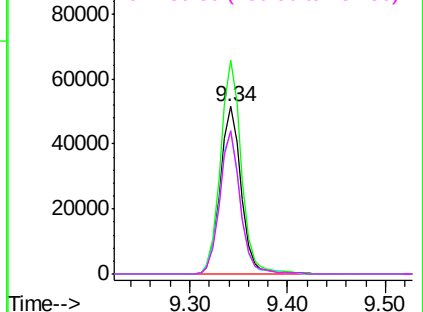
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

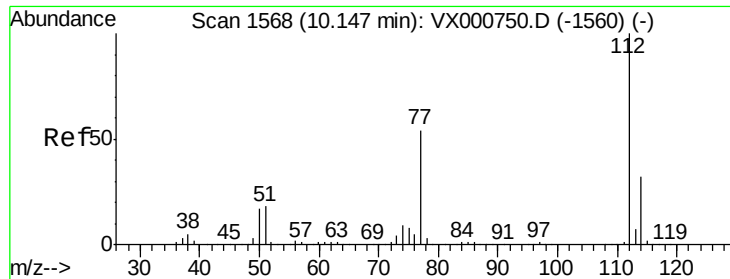


#64
Tetrachloroethene
Concen: 23.30 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion:164 Resp: 76989
Ion Ratio Lower Upper
164 100
166 127.7 102.8 154.2
129 85.3 68.5 102.7
131 85.7 66.6 100.0

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

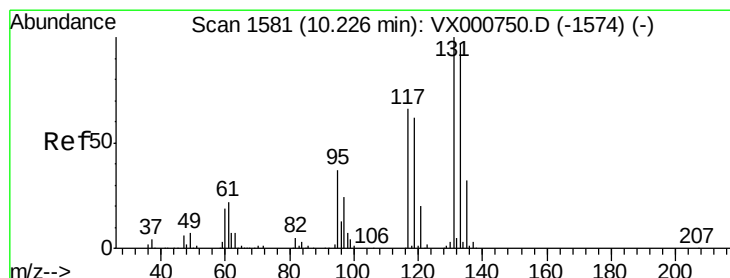
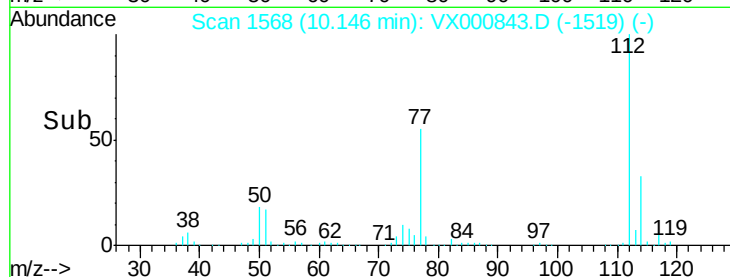
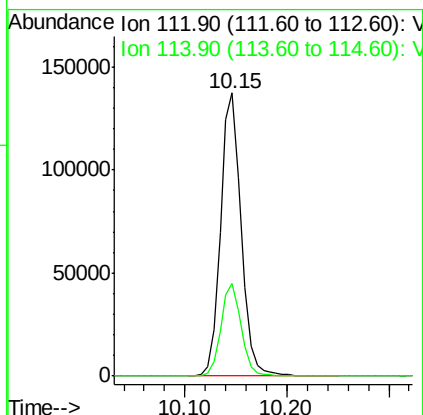
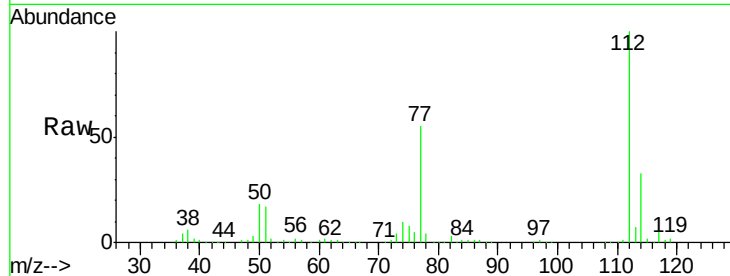




#65
Chlorobenzene
Concen: 22.72 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

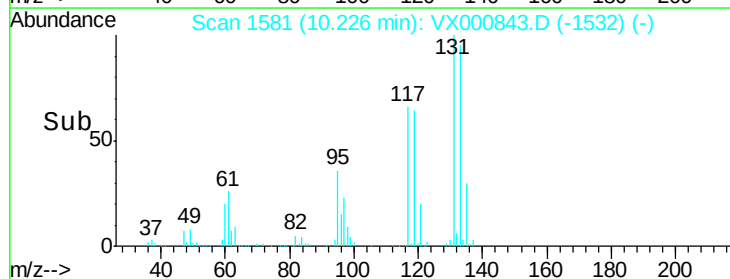
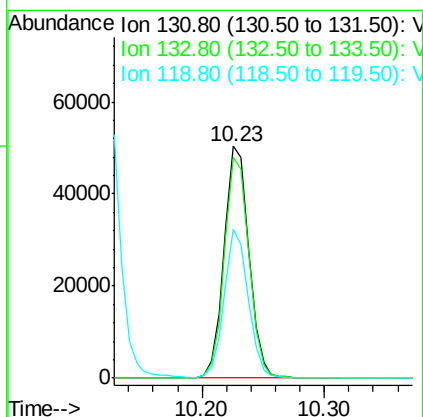
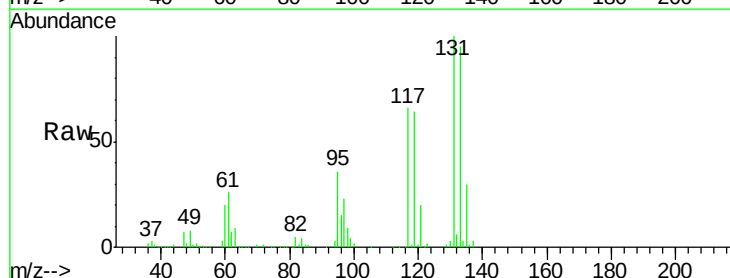
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

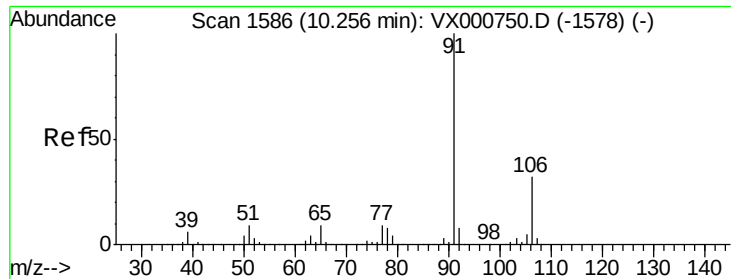
Tgt Ion:112 Resp: 193178
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 22.15 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion:131 Resp: 70869
Ion Ratio Lower Upper
131 100
133 94.5 48.3 144.9
119 62.1 31.4 94.0





#67

Ethyl Benzene

Concen: 22.61 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

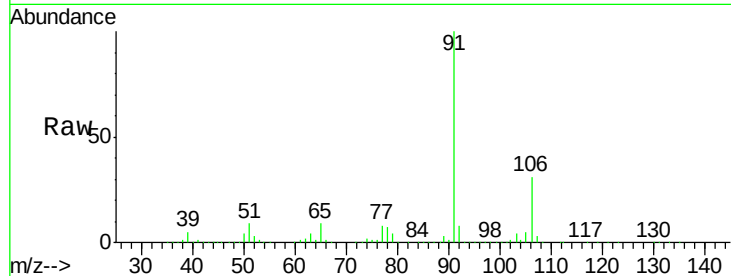
VX0413WBS01

Tgt Ion: 91 Resp: 320456

Ion Ratio Lower Upper

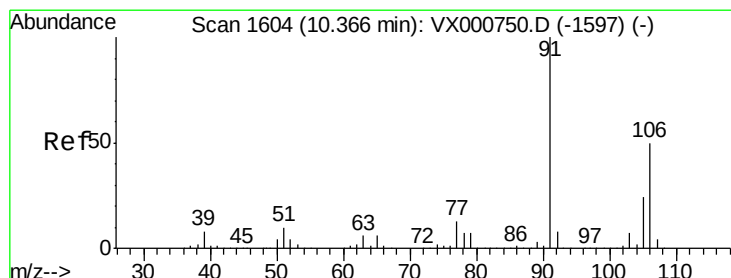
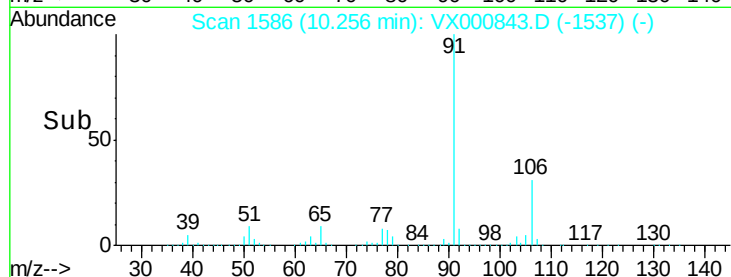
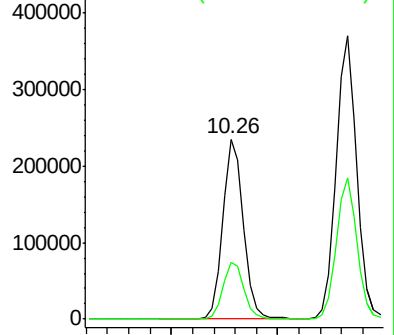
91 100

106 31.4 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 45.14 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000843.D

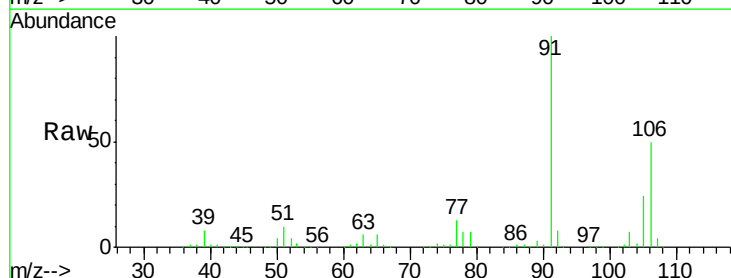
Acq: 13 Apr 2018 12:14

Tgt Ion: 106 Resp: 252561

Ion Ratio Lower Upper

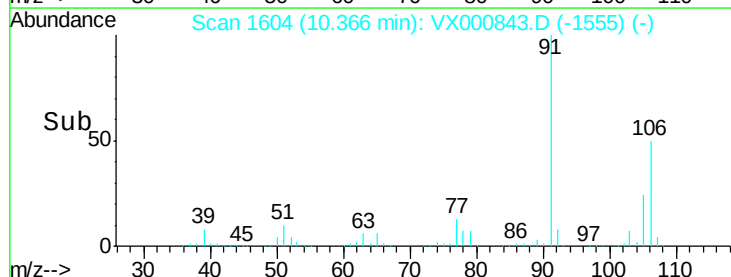
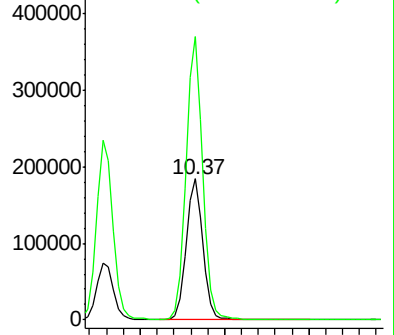
106 100

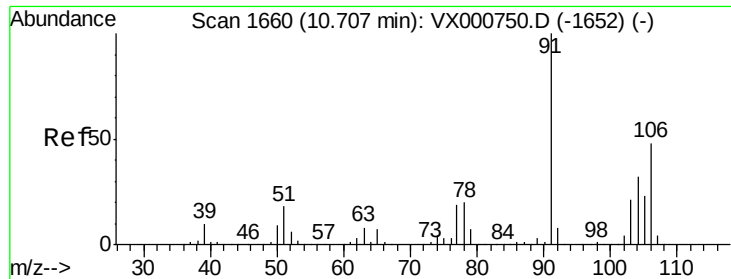
91 200.0 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

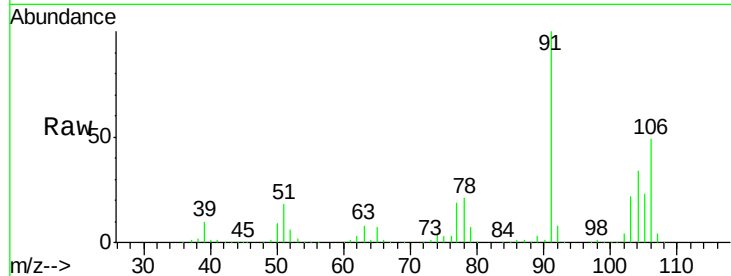




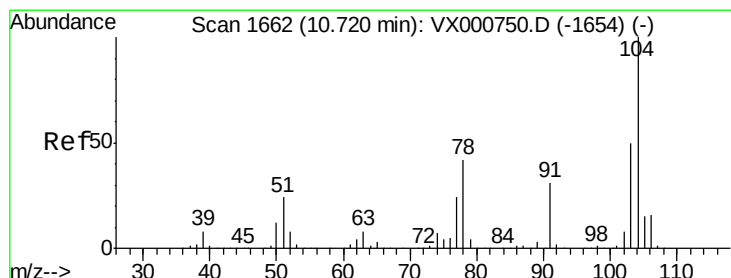
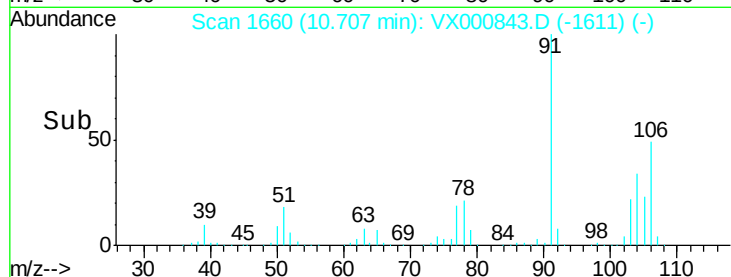
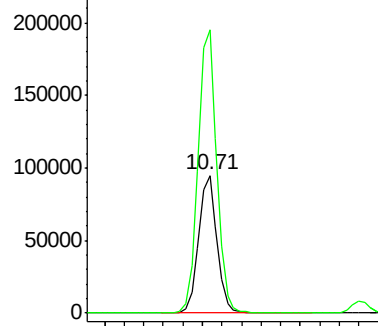
#69
o-Xylene
Concen: 22.81 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tgt Ion:106 Resp: 122983
Ion Ratio Lower Upper
106 100
91 209.1 105.0 315.0

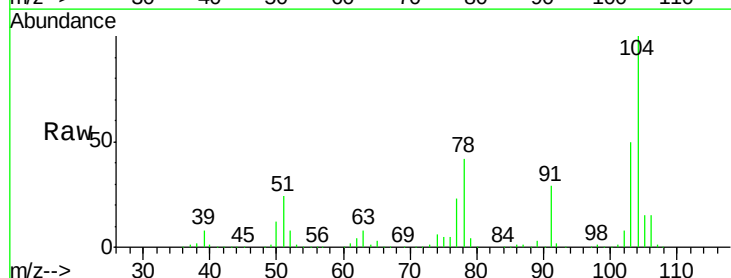


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

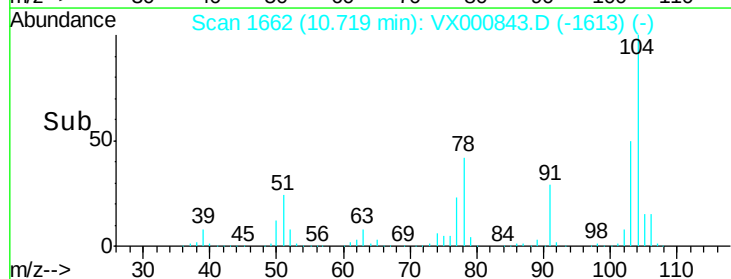
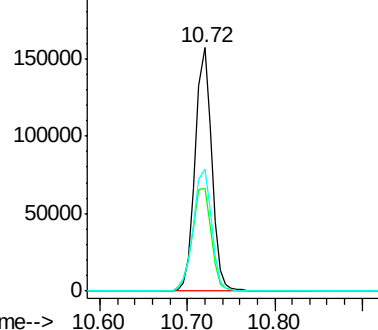


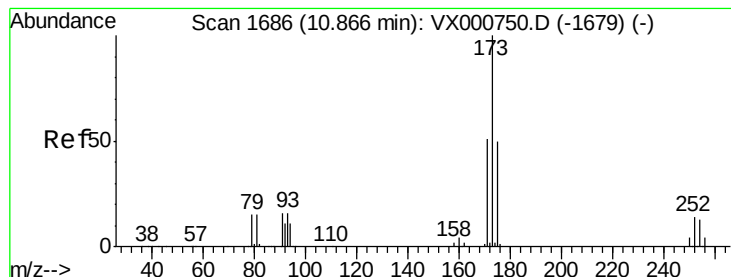
#70
Styrene
Concen: 22.51 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion:104 Resp: 204641
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 55.4 44.1 66.1



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





#71

Bromoform

Concen: 20.32 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

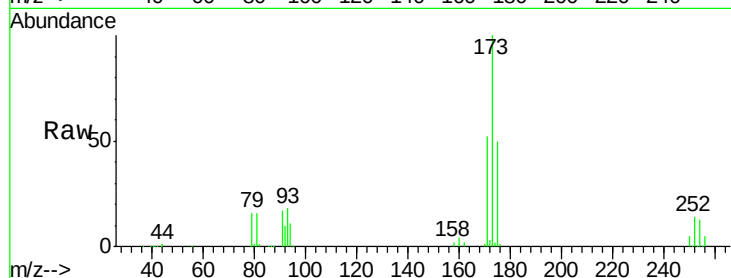
Tgt Ion:173 Resp: 60217

Ion Ratio Lower Upper

173 100

175 49.6 24.5 73.5

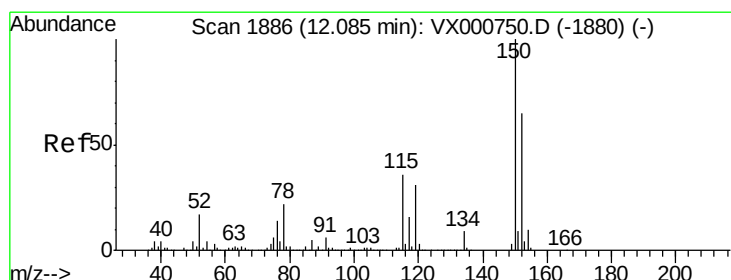
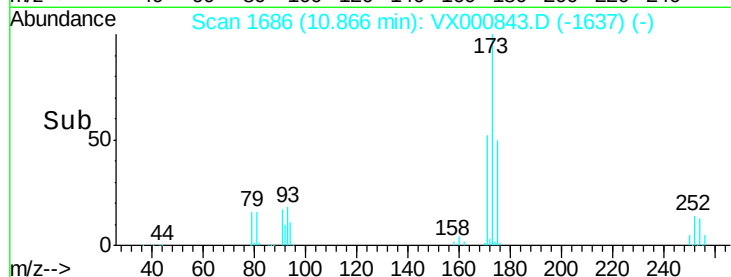
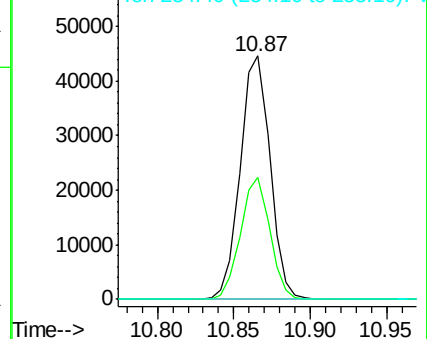
254 0.1 0.2 0.2#



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: VX000843.D

Acq: 13 Apr 2018 12:14

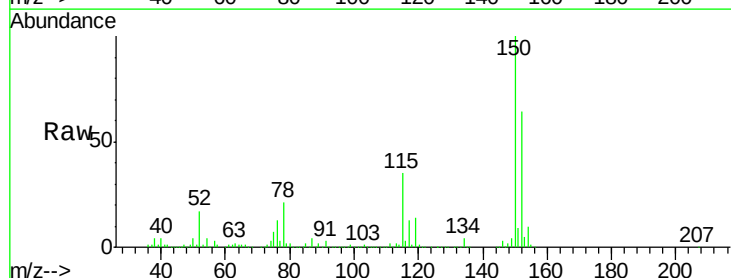
Tgt Ion:152 Resp: 231791

Ion Ratio Lower Upper

152 100

115 63.9 37.9 113.7

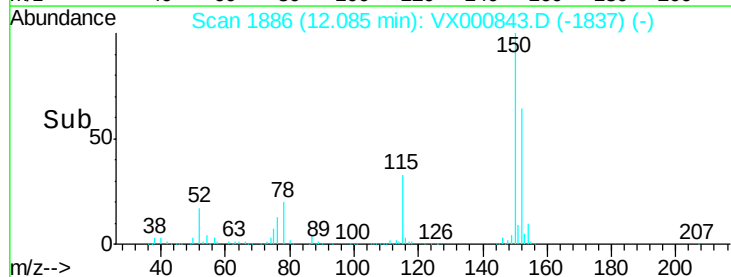
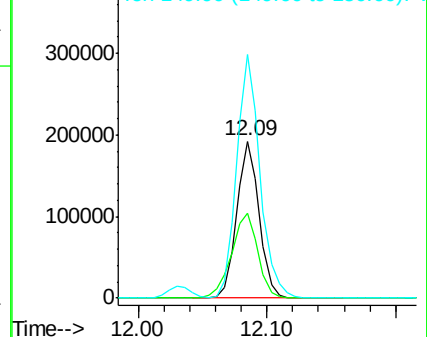
150 163.5 0.0 348.0

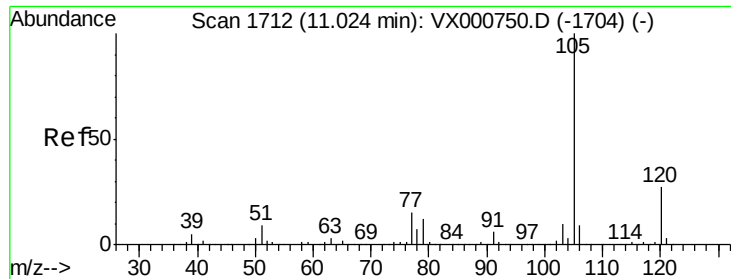


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

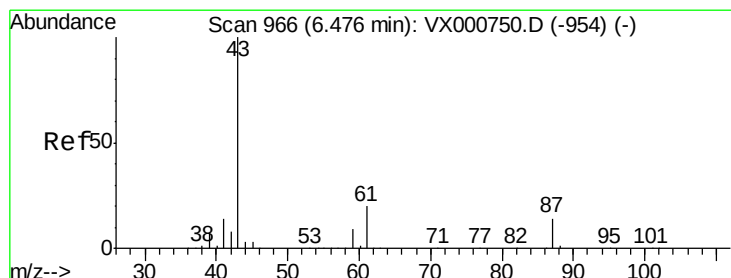
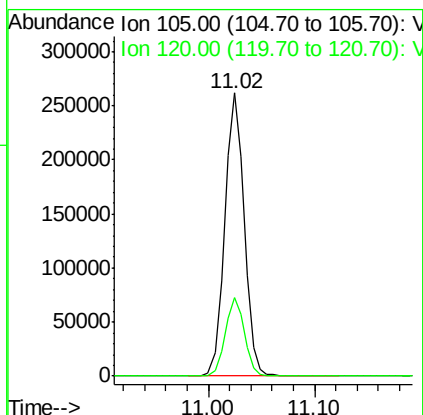
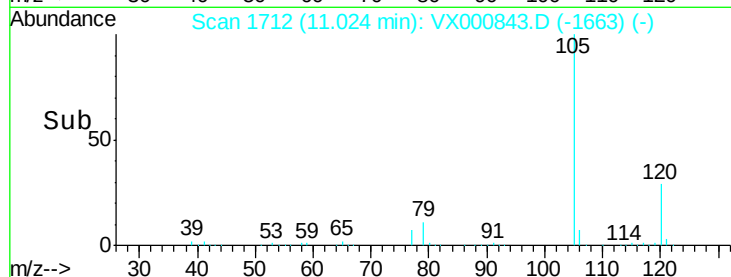
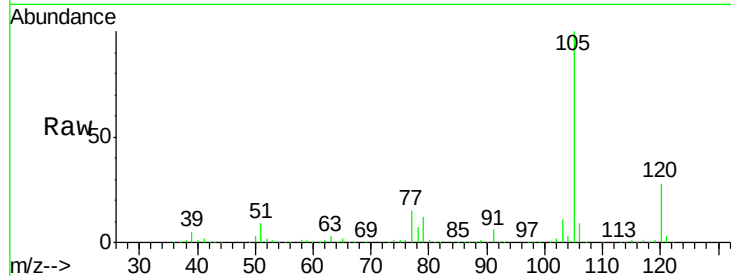




#73
Isopropylbenzene
Concen: 22.80 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

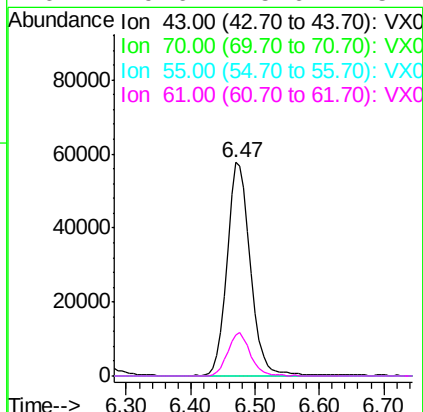
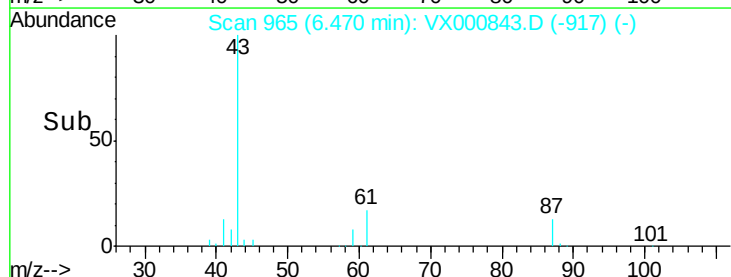
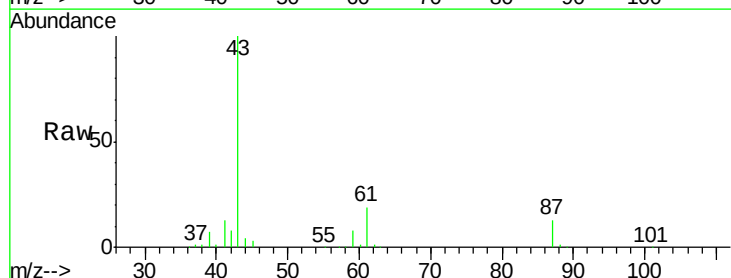
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

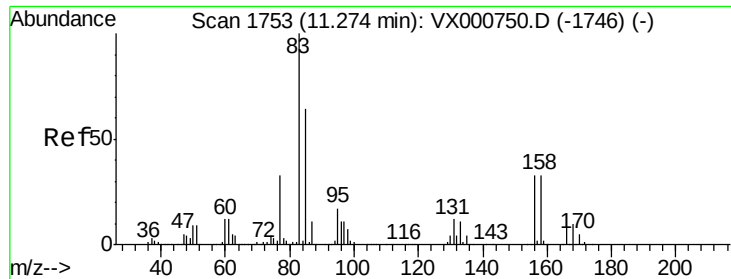
Tgt Ion: 105 Resp: 335205
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0



#74
N-ethyl acetate
Concen: 22.23 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion: 43 Resp: 147178
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.0 0.0
61 19.6 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VX0413WBS01

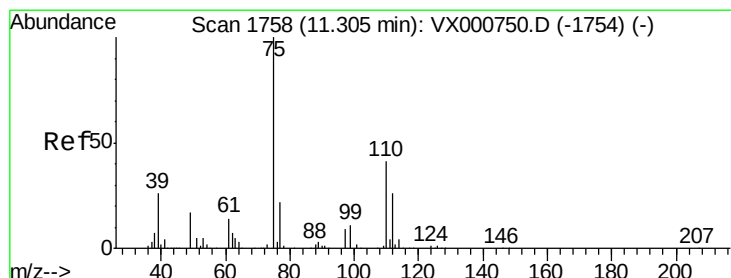
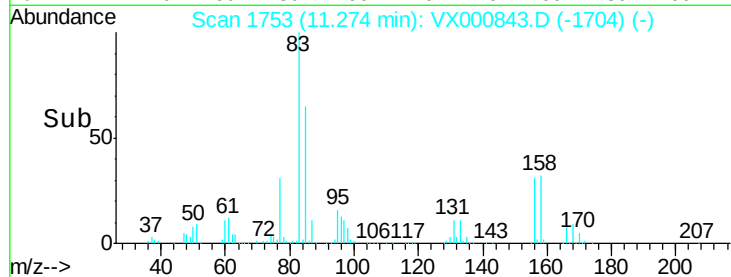
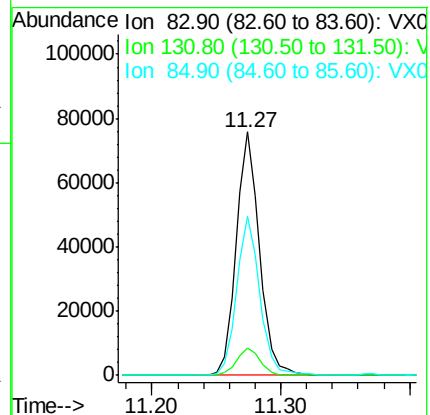
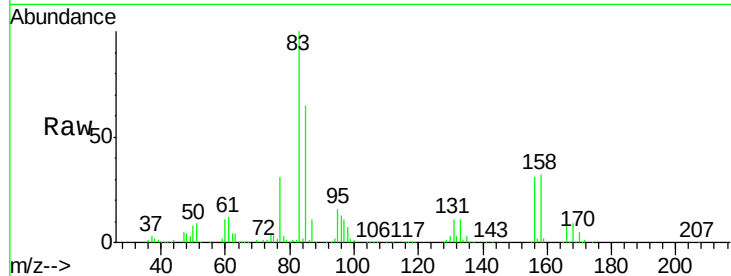
Tgt Ion: 83 Resp: 95533

Ion Ratio Lower Upper

83 100

131 11.5 6.0 18.0

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 28.07 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000843.D

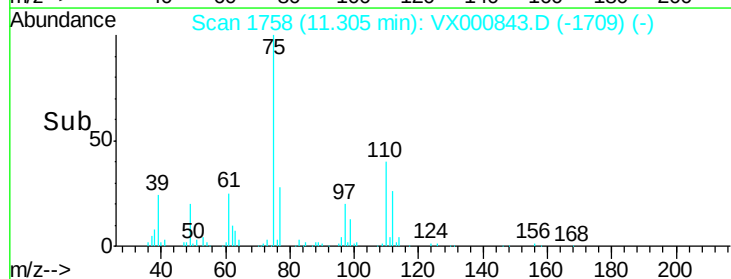
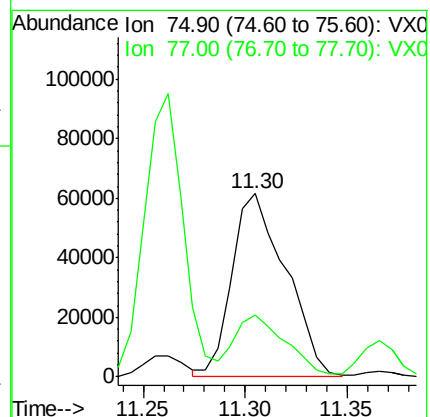
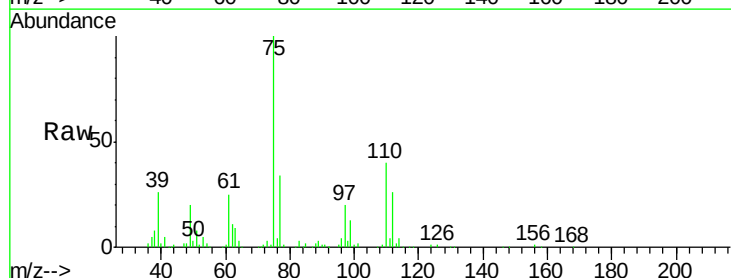
Acq: 13 Apr 2018 12:14

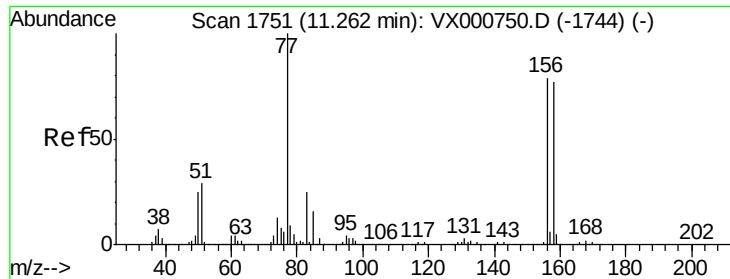
Tgt Ion: 75 Resp: 112196

Ion Ratio Lower Upper

75 100

77 32.1 20.5 61.5





#77

Bromobenzene

Concen: 22.26 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

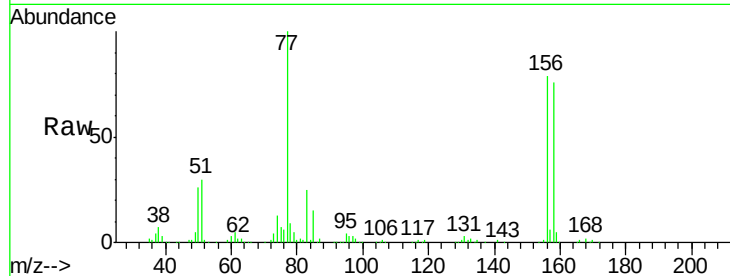
Tgt Ion:156 Resp: 95932

Ion Ratio Lower Upper

156 100

77 131.0 66.0 198.2

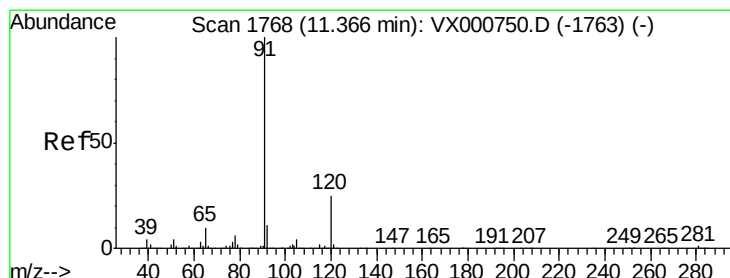
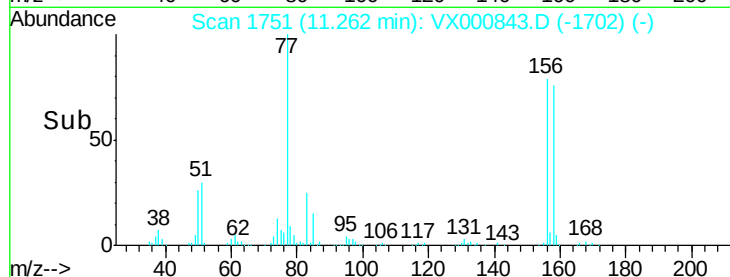
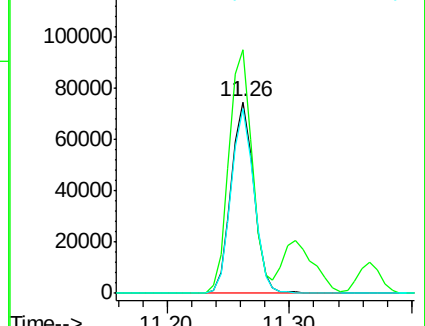
158 96.8 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.84 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000843.D

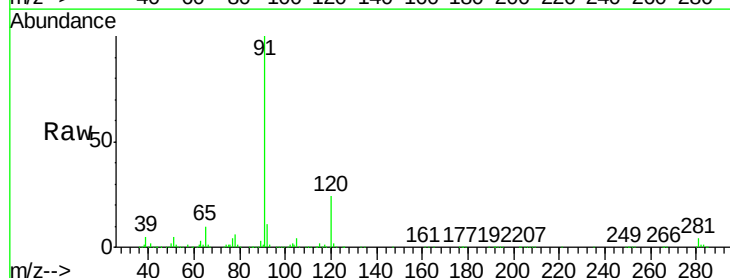
Acq: 13 Apr 2018 12:14

Tgt Ion: 91 Resp: 384179

Ion Ratio Lower Upper

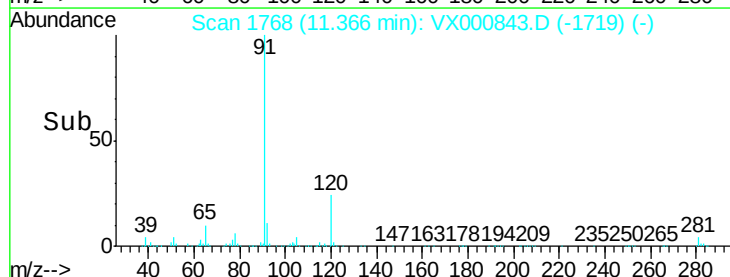
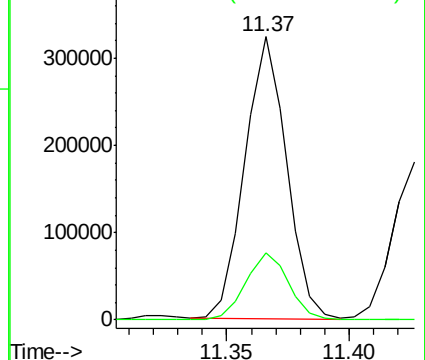
91 100

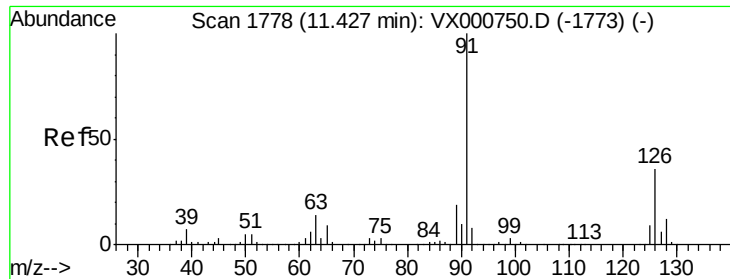
120 24.7 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

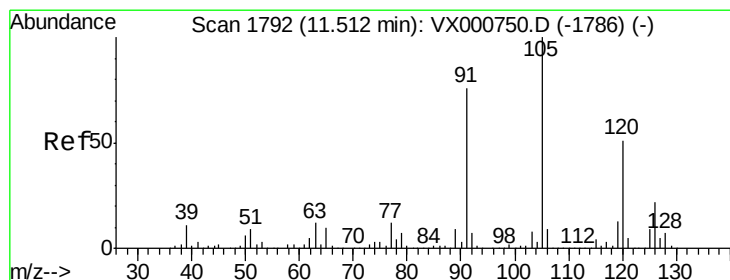
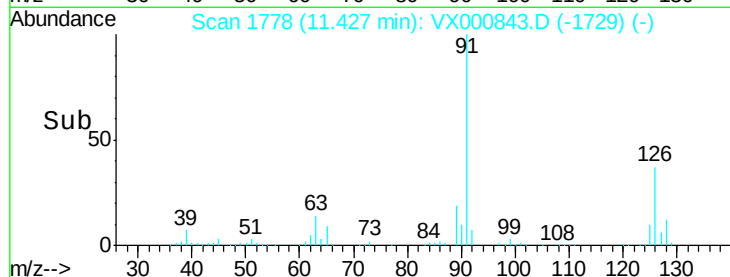
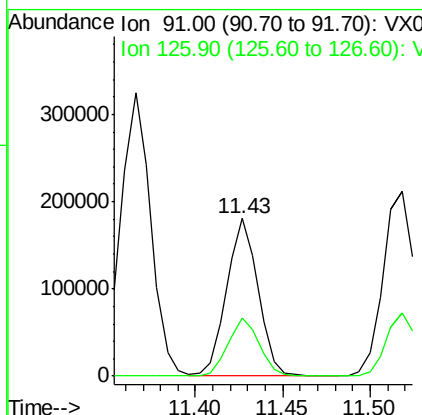
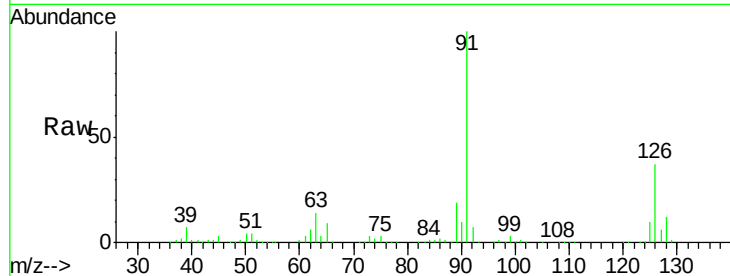




#79
 2-Chlorotoluene
 Concen: 22.45 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

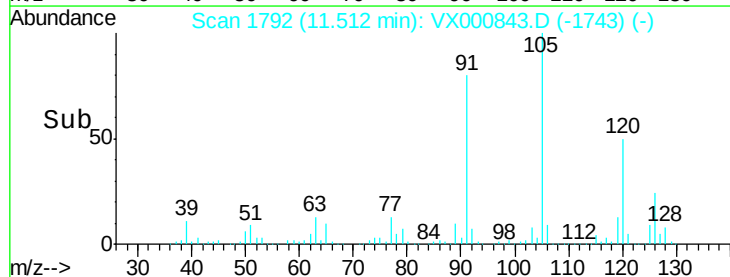
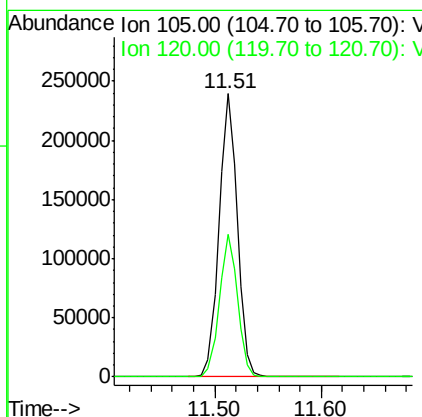
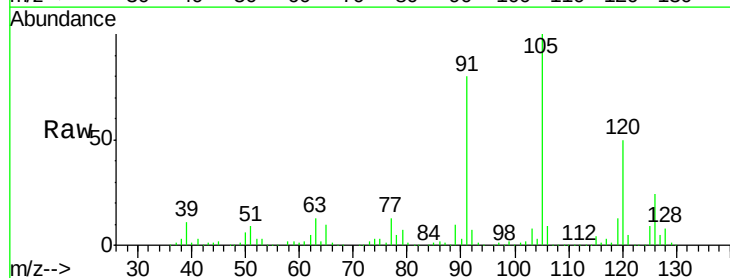
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

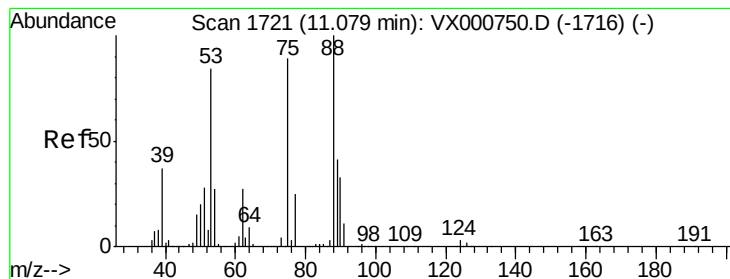
Tgt Ion: 91 Resp: 223160
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 22.57 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion: 105 Resp: 285422
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.60 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VX0413WBS01

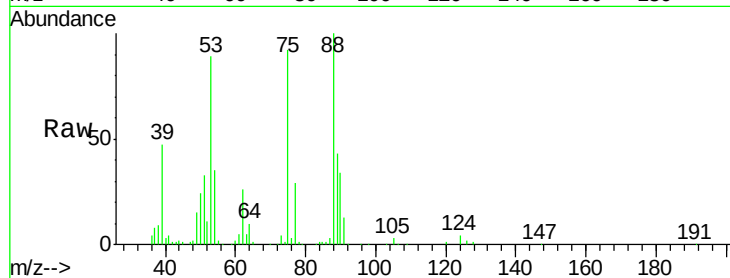
Tgt Ion: 75 Resp: 28485

Ion Ratio Lower Upper

75 100

53 100.3 75.4 113.0

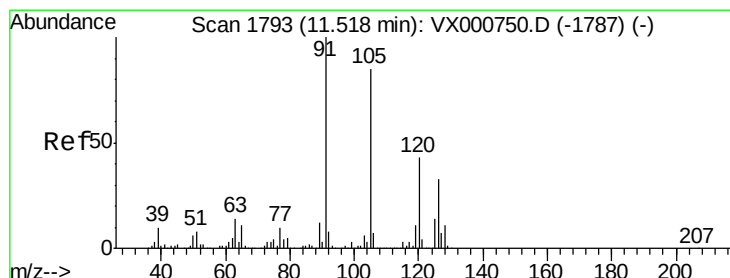
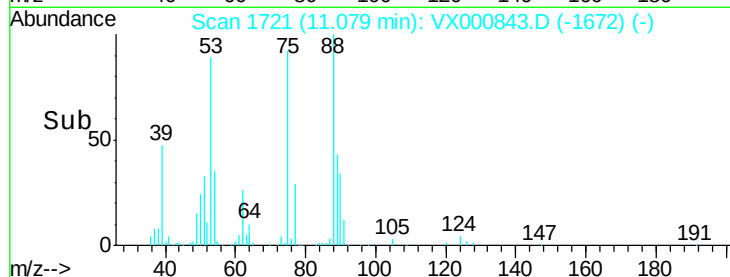
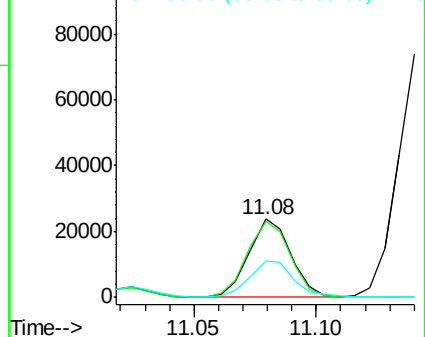
89 50.1 40.9 61.3



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: 22.32 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000843.D

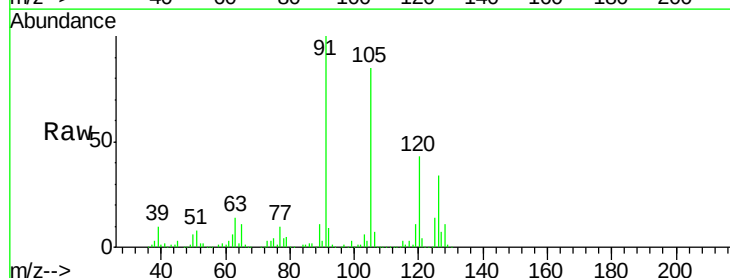
Acq: 13 Apr 2018 12:14

Tgt Ion: 91 Resp: 267803

Ion Ratio Lower Upper

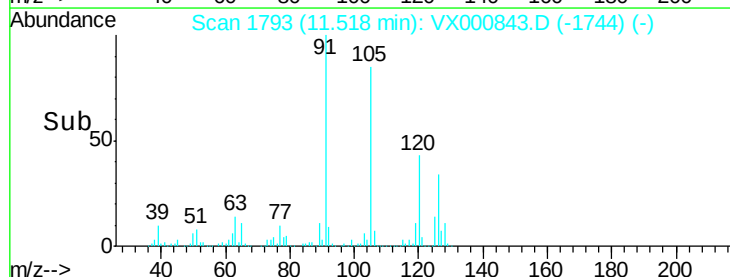
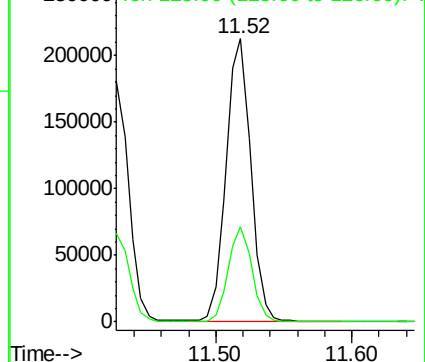
91 100

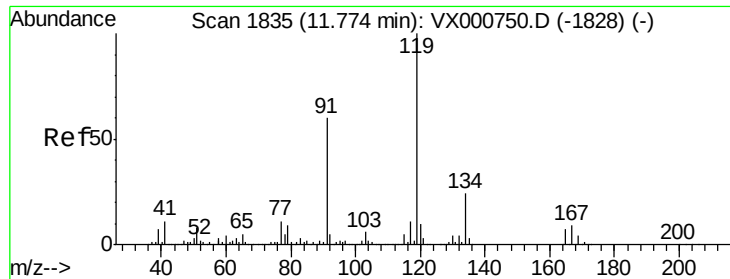
126 32.5 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

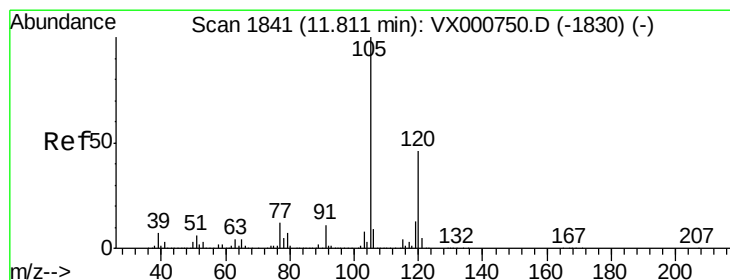
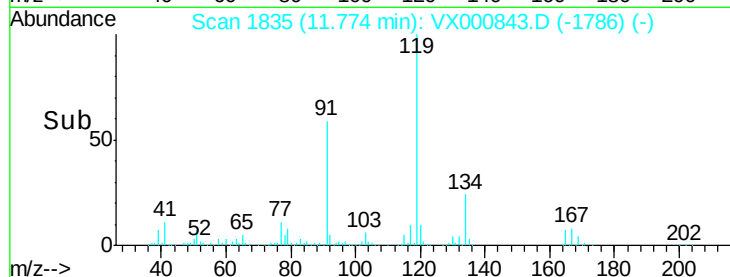
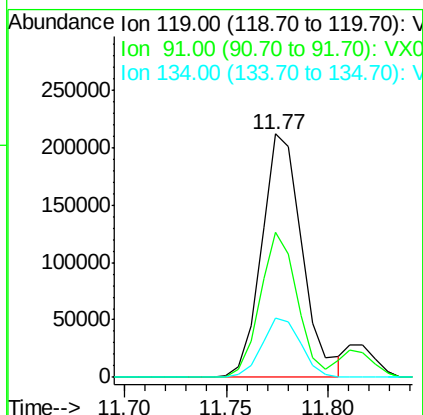
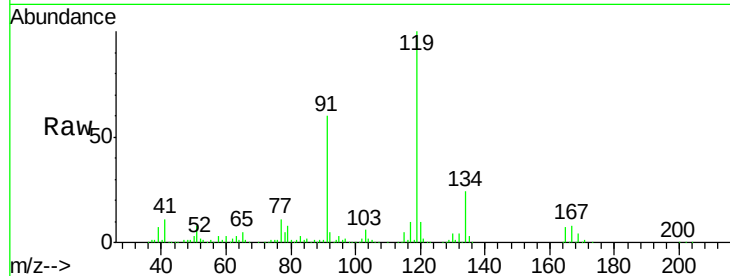




#83
 tert-Butylbenzene
 Concen: 22.70 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

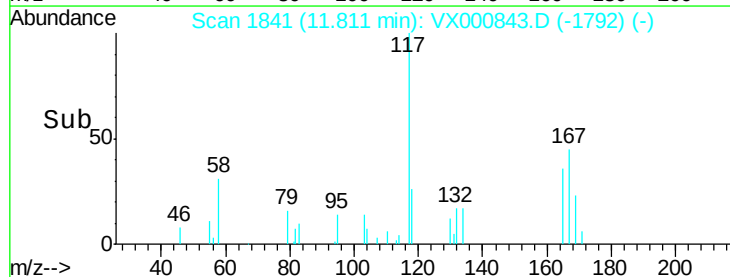
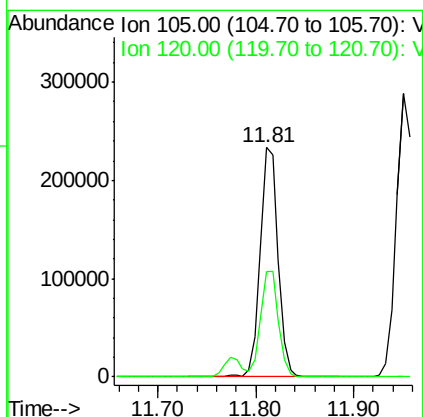
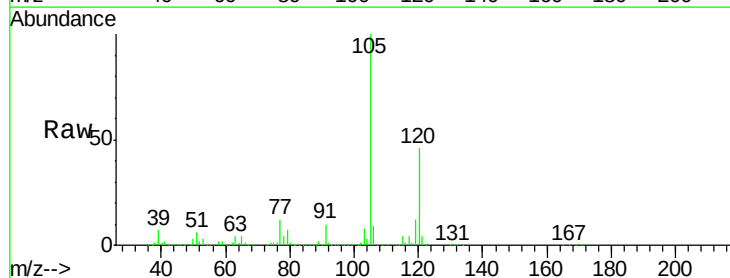
Instrument :
 MSVOA_X
 ClientSampled :
 VX0413WBS01

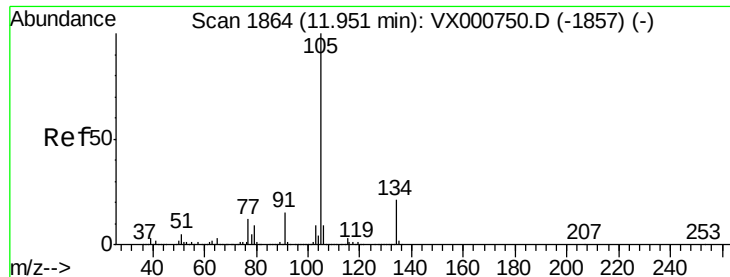
Tgt Ion:119 Resp: 293691
 Ion Ratio Lower Upper
 119 100
 91 54.5 26.8 80.3
 134 23.5 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 22.52 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion:105 Resp: 294028
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.3





#85

sec-Butylbenzene

Concen: 22.98 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

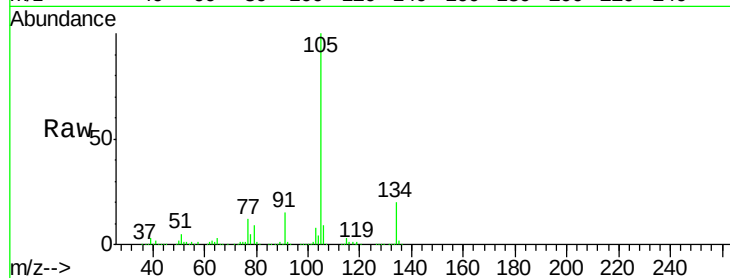
VX0413WBS01

Tgt Ion:105 Resp: 350726

Ion Ratio Lower Upper

105 100

134 21.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

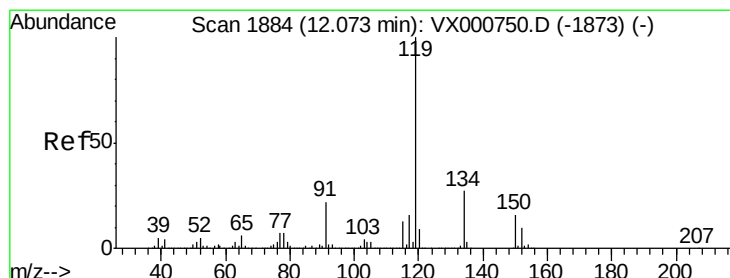
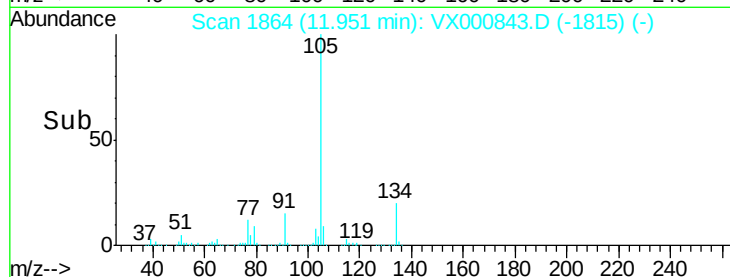
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.72 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

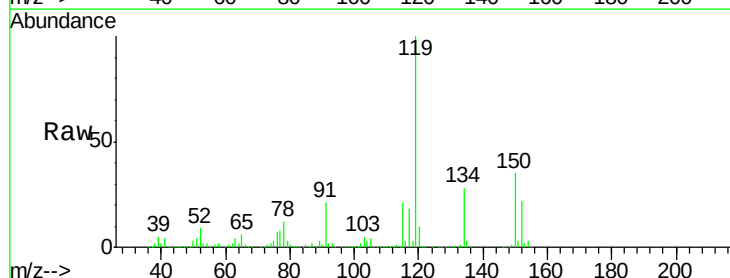
Tgt Ion:119 Resp: 323306

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 22.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

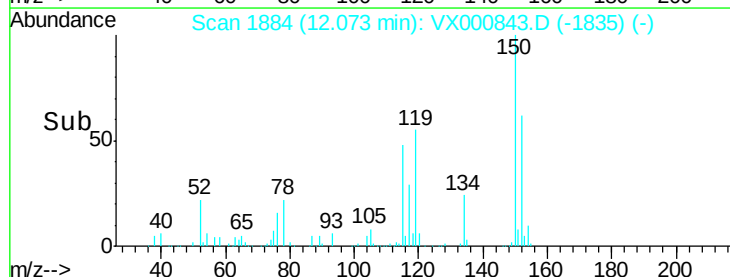
300000

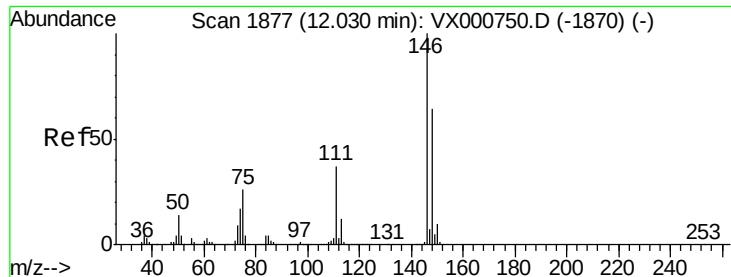
200000

100000

0

Time-->

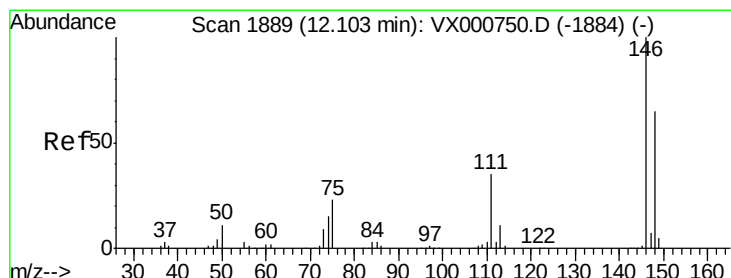
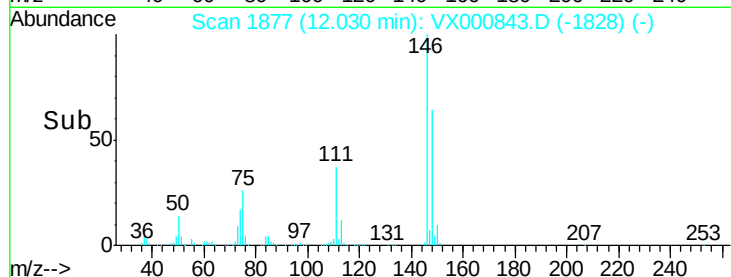
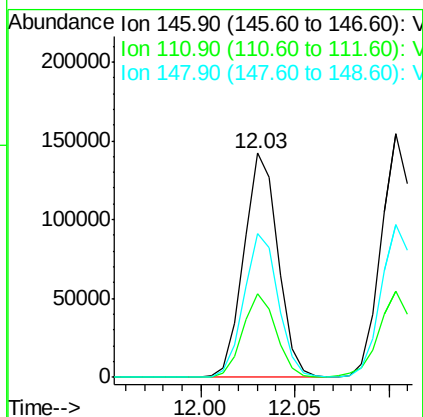
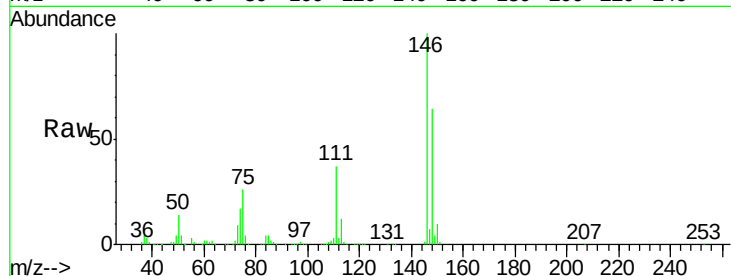




#87
 1,3-Dichlorobenzene
 Concen: 22.44 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

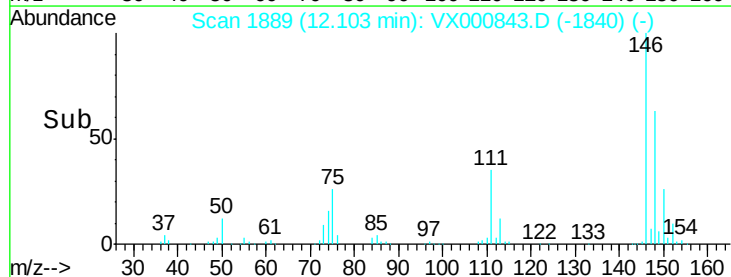
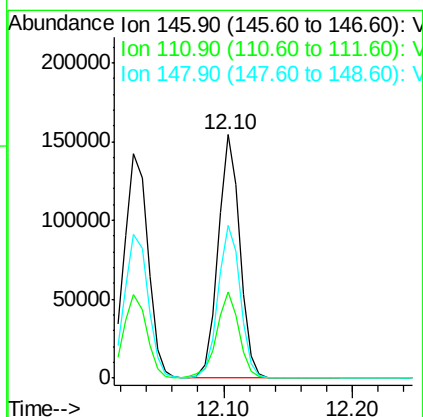
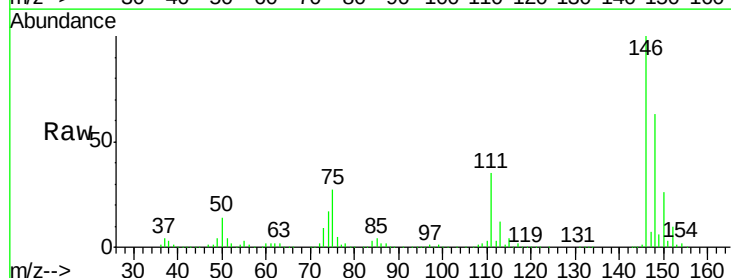
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

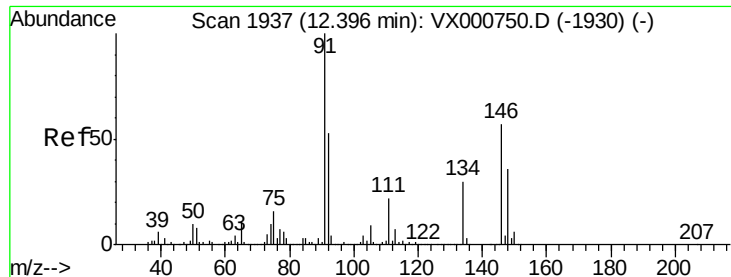
Tgt Ion:146 Resp: 179000
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.3 54.8
 148 64.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 22.49 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion:146 Resp: 183810
 Ion Ratio Lower Upper
 146 100
 111 36.5 17.9 53.8
 148 64.6 32.6 97.7





#89

n-Butylbenzene

Concen: 23.02 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

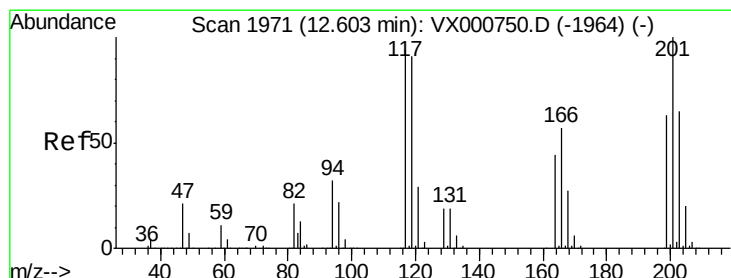
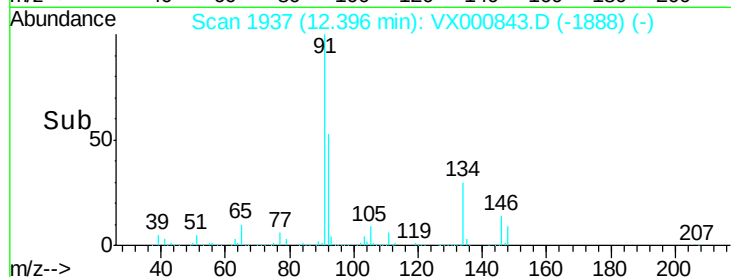
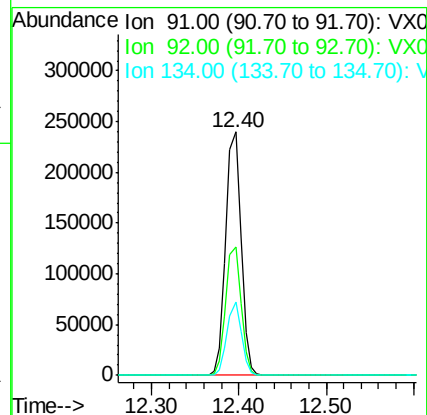
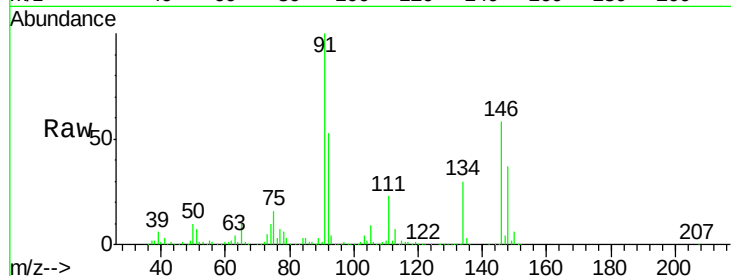
Tgt Ion: 91 Resp: 289248

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 28.5 14.5 43.5



#90

Hexachloroethane

Concen: 20.61 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000843.D

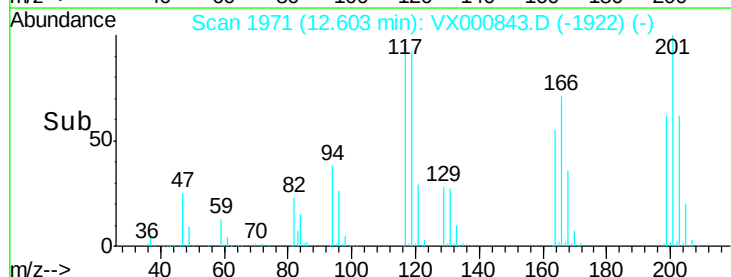
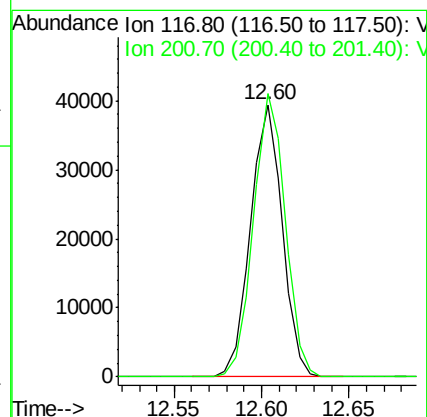
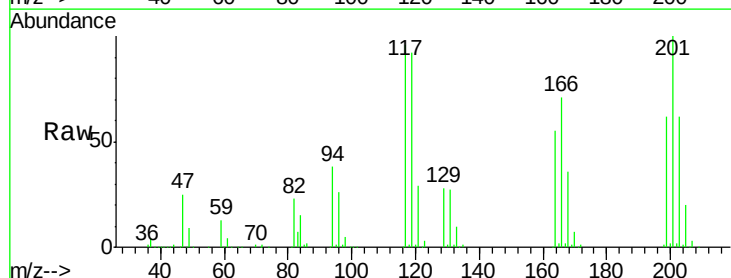
Acq: 13 Apr 2018 12:14

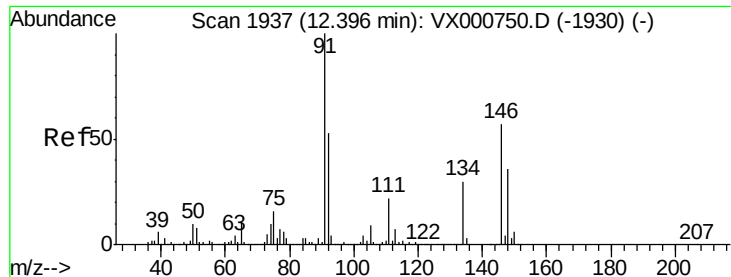
Tgt Ion: 117 Resp: 49647

Ion Ratio Lower Upper

117 100

201 104.2 52.9 158.7

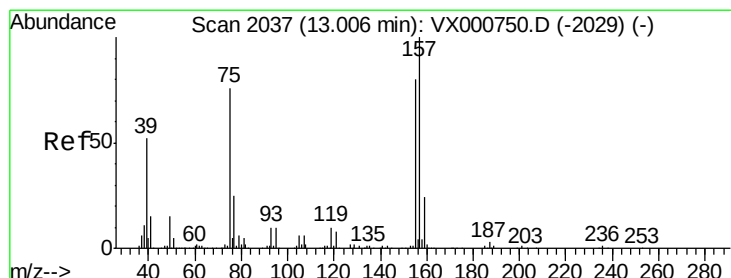
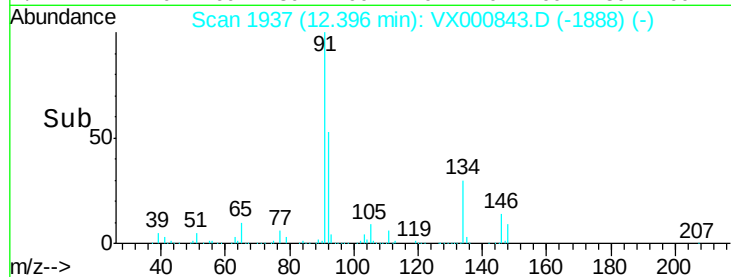
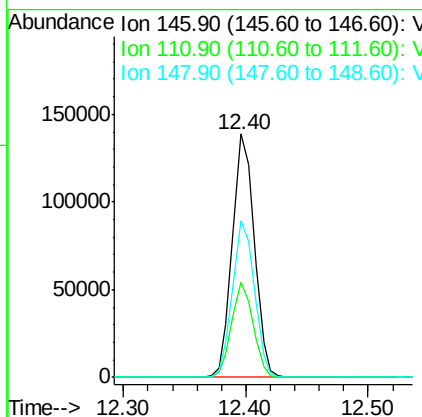
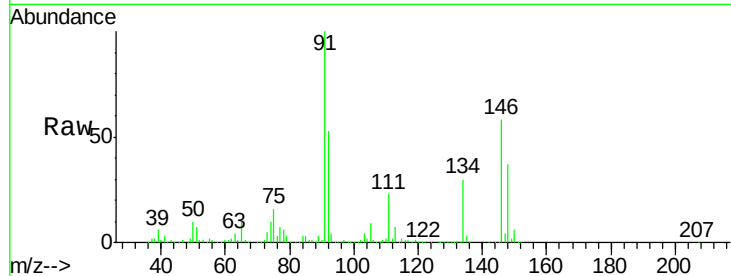




#91
 1,2-Dichlorobenzene
 Concen: 22.35 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

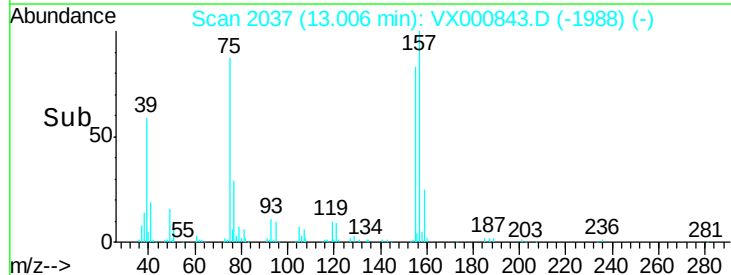
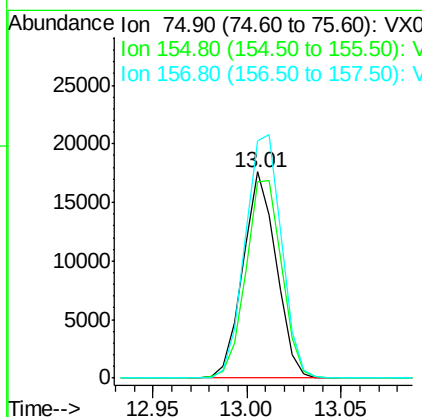
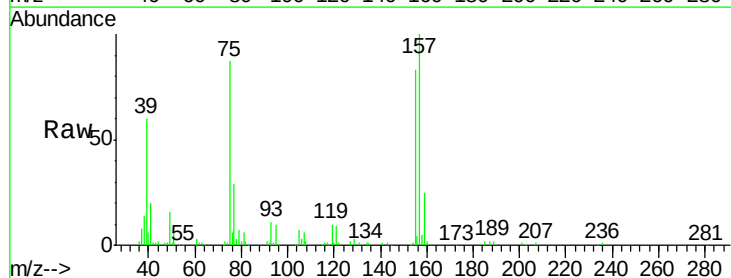
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

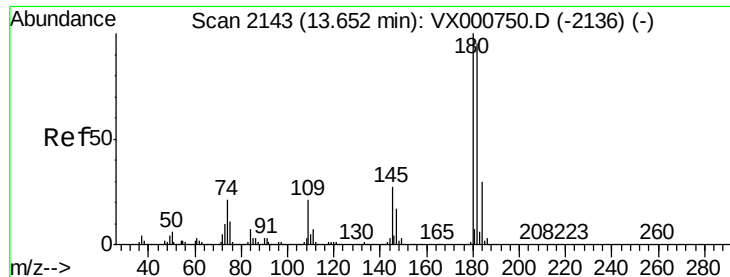
Tgt Ion: 146 Resp: 172092
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.7
 148 64.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.15 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion: 75 Resp: 21542
 Ion Ratio Lower Upper
 75 100
 155 103.2 51.9 155.8
 157 128.5 66.6 199.8





#93

1,2,4-Trichlorobenzene

Concen: 22.60 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

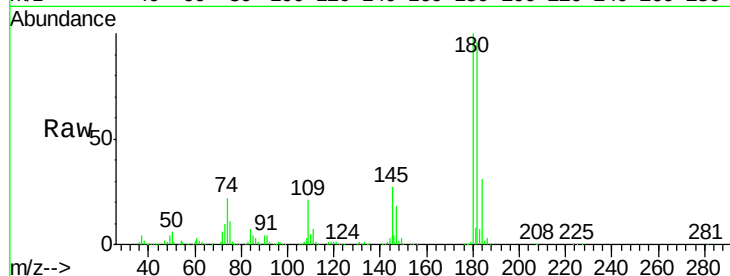
Tgt Ion:180 Resp: 148508

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.5

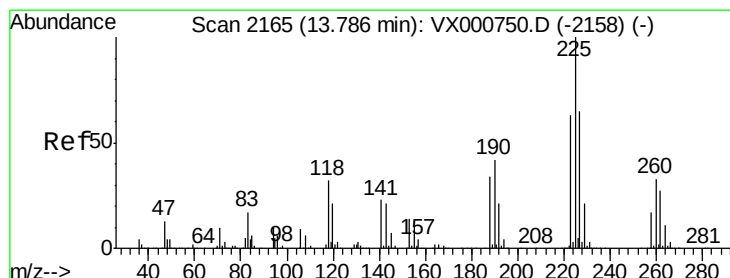
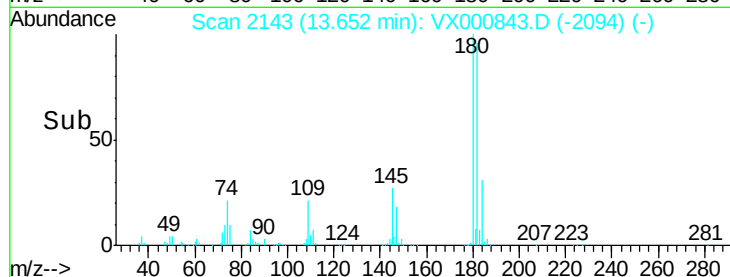
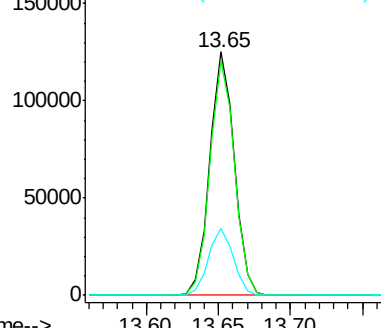
145 27.8 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 23.51 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. 0.01 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

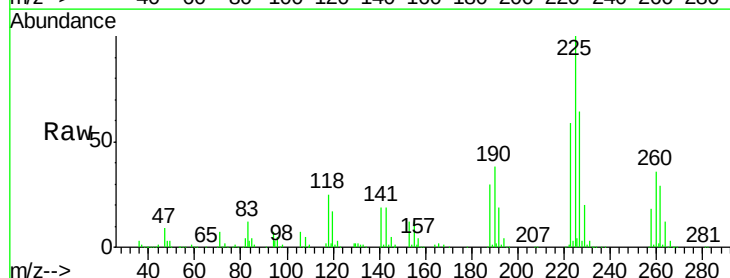
Tgt Ion:225 Resp: 75953

Ion Ratio Lower Upper

225 100

223 62.4 31.2 93.6

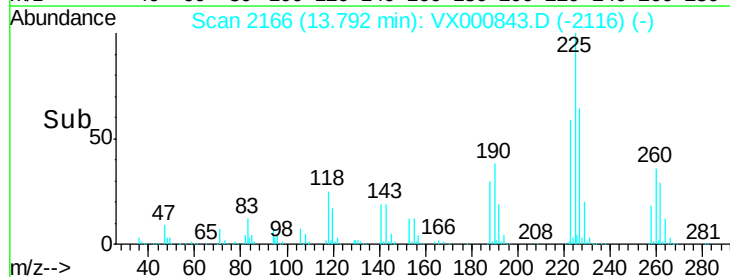
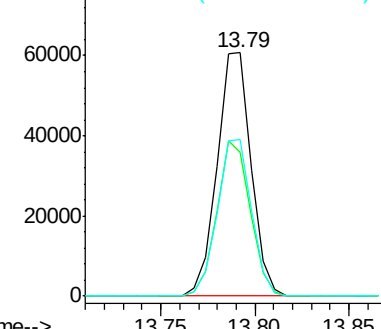
227 64.7 32.3 96.9

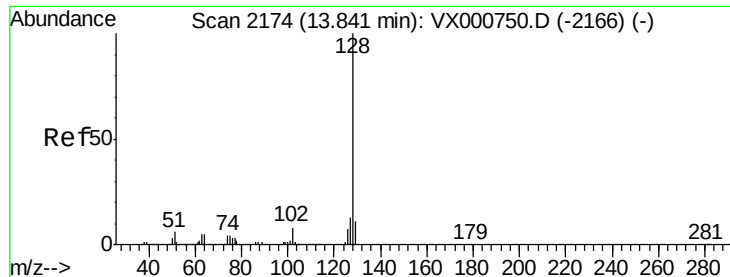


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

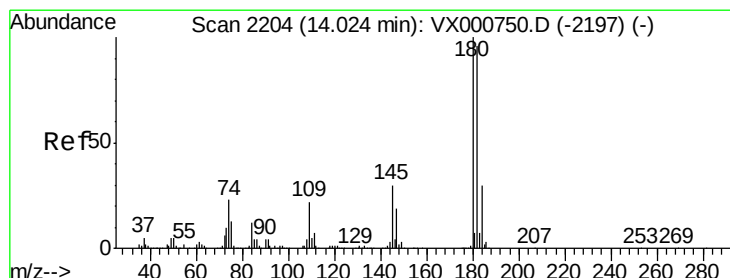
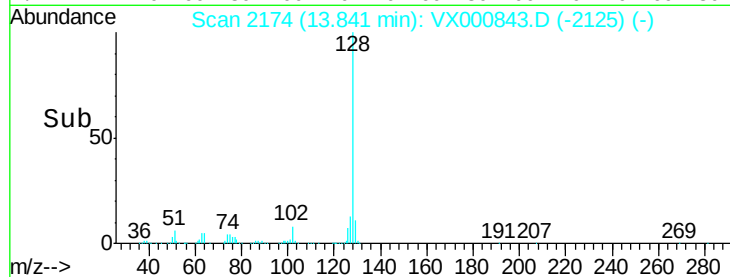
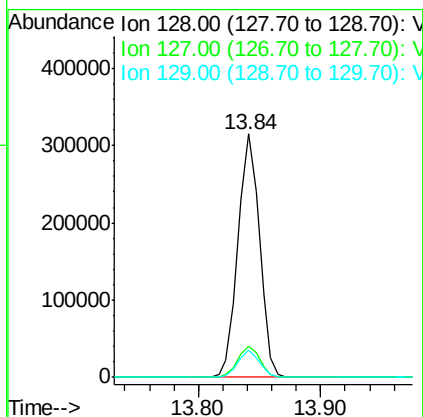
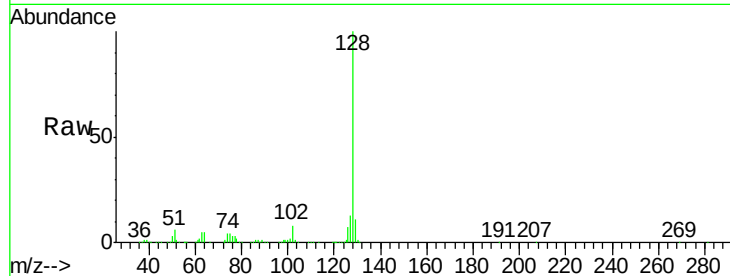




#95
Naphthalene
Concen: 22.66 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tgt Ion:128 Resp: 382209
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.39 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion:180 Resp: 142862
Ion Ratio Lower Upper
180 100
182 96.9 48.4 145.2
145 29.2 14.6 43.8

