

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003324.D
 Acq On : 11 Jul 2018 17:16
 Operator : JC/MD
 Sample : VX0711WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD01

Quant Time: Jul 12 00:56:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198105	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	206382	56.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.80%	
35) Dibromofluoromethane	5.51	113	170407	47.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.52%	
50) Toluene-d8	8.72	98	652934	50.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	236229	49.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	87240	24.68	ug/l	98
3) Chloromethane	1.32	50	85462	26.59	ug/l	100
4) Vinyl Chloride	1.40	62	98237	29.78	ug/l	99
5) Bromomethane	1.64	94	39606	41.35	ug/l	98
6) Chloroethane	1.72	64	58652	32.09	ug/l	99
7) Trichlorofluoromethane	1.93	101	131597	26.84	ug/l	98
8) Diethyl Ether	2.19	74	52966	29.88	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79838	27.81	ug/l	97
10) Methyl Iodide	2.51	142	70482	25.37	ug/l	97
11) Tert butyl alcohol	3.08	59	101224	152.59	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73153	28.00	ug/l	95
13) Acrolein	2.29	56	68384	127.93	ug/l	99
14) Allyl chloride	2.73	41	142290	29.40	ug/l	89
15) Acrylonitrile	3.15	53	234167	158.09	ug/l	98
16) Acetone	2.45	43	180835	139.21	ug/l	91
17) Carbon Disulfide	2.57	76	199391	27.46	ug/l	98
18) Methyl Acetate	2.78	43	127569	34.81	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	249671	28.61	ug/l	99
20) Methylene Chloride	2.86	84	86490	32.24	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	78013	28.01	ug/l	93
22) Diisopropyl ether	3.88	45	253366	25.73	ug/l	96
23) Vinyl Acetate	3.82	43	1120048	133.99	ug/l	99
24) 1,1-Dichloroethane	3.70	63	149139	29.10	ug/l	98
25) 2-Butanone	4.71	43	272251	118.44	ug/l	94
26) 2,2-Dichloropropane	4.58	77	100028	22.32	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	78671	22.98	ug/l	86
28) Bromochloromethane	5.02	49	60122	23.29	ug/l	93
29) Tetrahydrofuran	5.17	42	178896	119.91	ug/l	94
30) Chloroform	5.22	83	133008	23.60	ug/l	99
31) Cyclohexane	5.57	56	113760	23.71	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	109924	22.10	ug/l	99
36) 1,1-Dichloropropene	5.80	75	98830	20.80	ug/l	98
37) Ethyl Acetate	4.87	43	104999	20.16	ug/l	97
38) Carbon Tetrachloride	5.79	117	97002	18.66	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003324.D
 Acq On : 11 Jul 2018 17:16
 Operator : JC/MD
 Sample : VX0711WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD01

Quant Time: Jul 12 00:56:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	115058	20.56	ug/l	97
40) Benzene	6.15	78	297836	21.15	ug/l	99
41) Methacrylonitrile	5.07	41	58913	20.66	ug/l	93
42) 1,2-Dichloroethane	6.20	62	106049	20.16	ug/l	98
43) Isopropyl Acetate	6.48	43	167287	20.45	ug/l	96
44) Trichloroethene	7.21	130	82571	19.83	ug/l	97
45) 1,2-Dichloropropane	7.52	63	76896	21.01	ug/l	98
46) Dibromomethane	7.67	93	51191	20.52	ug/l	98
47) Bromodichloromethane	7.90	83	93355	20.28	ug/l	98
48) Methyl methacrylate	7.78	41	85283	20.33	ug/l	89
49) 1,4-Dioxane	7.76	88	36939	421.16	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	562617	110.49	ug/l	95
52) Toluene	8.79	92	187853	21.11	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	110252	20.35	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	99647	20.21	ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	76121	20.62	ug/l	98
56) Ethyl methacrylate	9.18	69	110361	21.82	ug/l #	87
57) 1,3-Dichloropropane	9.38	76	127597	21.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	280025	114.79	ug/l	100
59) 2-Hexanone	9.50	43	427524	110.54	ug/l	92
60) Dibromochloromethane	9.59	129	73920	19.17	ug/l	99
61) 1,2-Dibromoethane	9.68	107	78583	20.31	ug/l	99
64) Tetrachloroethene	9.34	164	90580	20.01	ug/l	96
65) Chlorobenzene	10.14	112	210274	20.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	73710	20.08	ug/l	99
67) Ethyl Benzene	10.26	91	353030	21.45	ug/l	99
68) m/p-Xylenes	10.36	106	275165	42.99	ug/l	98
69) o-Xylene	10.70	106	130879	21.10	ug/l	99
70) Styrene	10.71	104	217531	21.63	ug/l	98
71) Bromoform	10.86	173	55058	18.23	ug/l #	99
73) Isopropylbenzene	11.02	105	359311	22.97	ug/l	100
74) N-amyl acetate	6.48	43	167287	22.42	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	113709	23.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	127462	29.77	ug/l	80
77) Bromobenzene	11.26	156	95571	21.16	ug/l	98
78) n-propylbenzene	11.37	91	408837	23.51	ug/l	100
79) 2-Chlorotoluene	11.43	91	243721	23.00	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	298238	22.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	28612	21.84	ug/l	98
82) 4-Chlorotoluene	11.51	91	283440	22.91	ug/l	100
83) tert-Butylbenzene	11.77	119	287797	22.12	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	305934	22.94	ug/l	99
85) sec-Butylbenzene	11.95	105	356626	23.19	ug/l	99
86) p-Isopropyltoluene	12.07	119	316273	22.58	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	174482	21.06	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	175970	20.98	ug/l	99
89) n-Butylbenzene	12.39	91	271465	23.19	ug/l	99
90) Hexachloroethane	12.60	117	44362	20.74	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	177785	21.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23692	22.76	ug/l	97

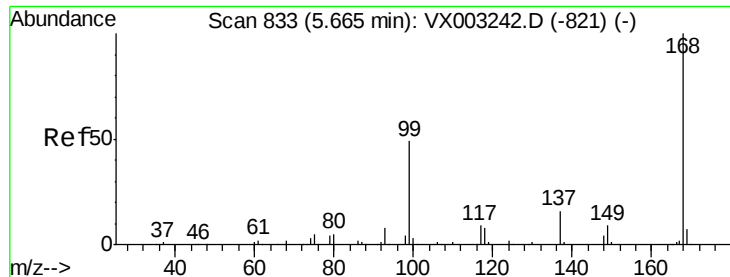
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
Data File : VX003324.D
Acq On : 11 Jul 2018 17:16
Operator : JC/MD
Sample : VX0711WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD01

Quant Time: Jul 12 00:56:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121479	20.07	ug/l	100
94) Hexachlorobutadiene	13.79	225	58026	19.25	ug/l	99
95) Naphthalene	13.84	128	369339	23.32	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125745	20.83	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. 0.01 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

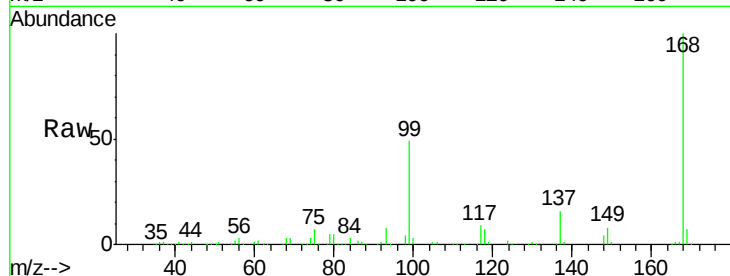
VX0711WBSD01

Tot Ion:168 Resp: 232501

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

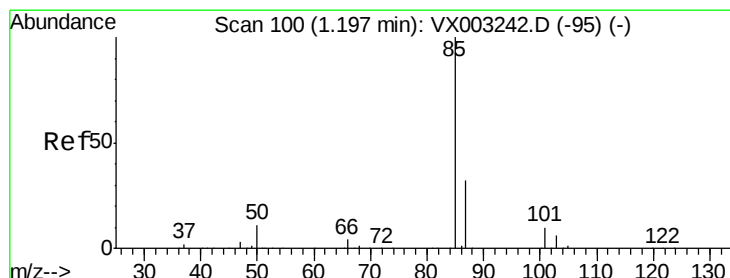
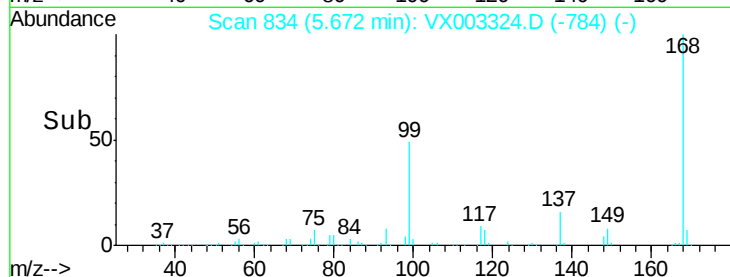
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 24.68 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003324.D

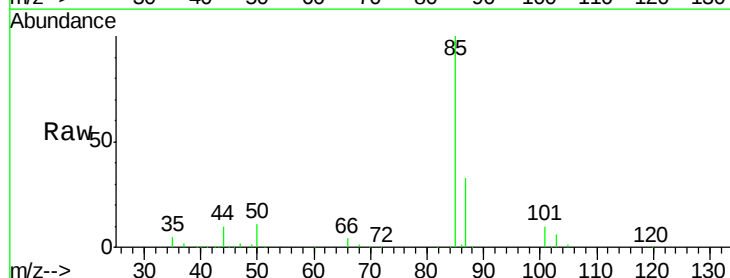
Acq: 11 Jul 2018 17:16

Tgt Ion: 85 Resp: 87240

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

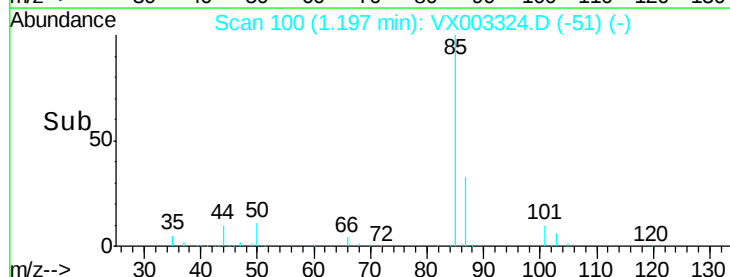
60000

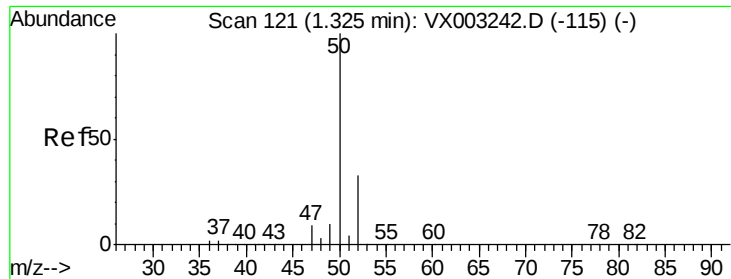
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 26.59 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

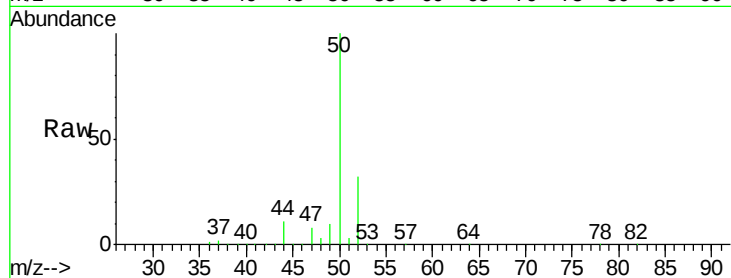
VX0711WBSD01

Tot Ion: 50 Resp: 85462

Ion Ratio Lower Upper

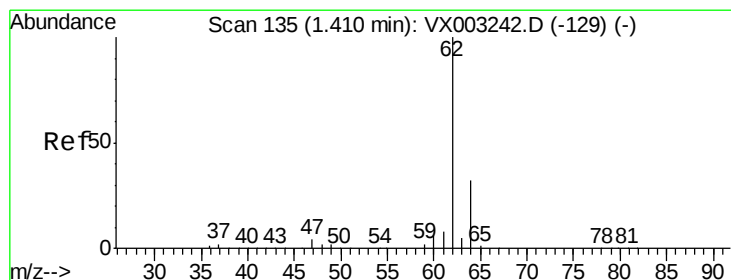
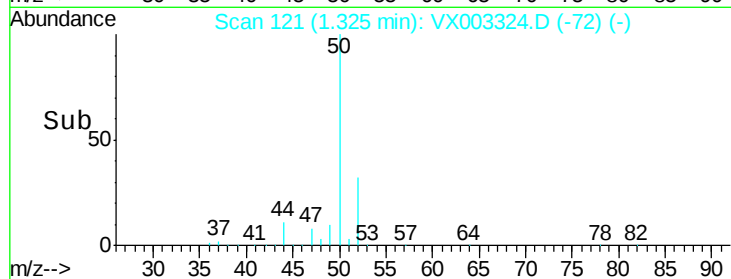
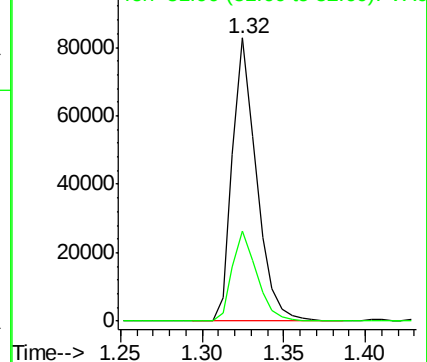
50 100

52 31.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 29.78 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003324.D

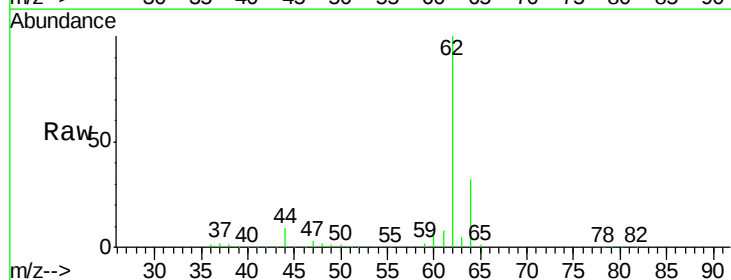
Acq: 11 Jul 2018 17:16

Tgt Ion: 62 Resp: 98237

Ion Ratio Lower Upper

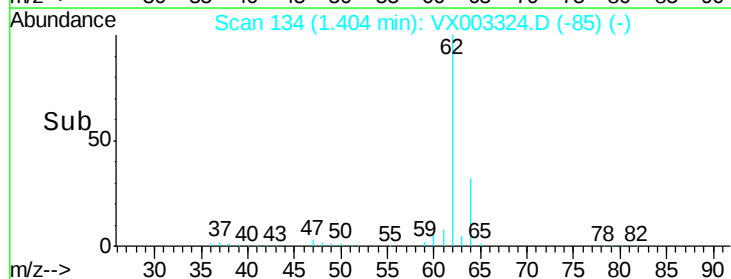
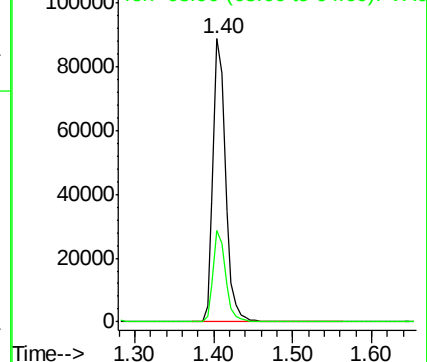
62 100

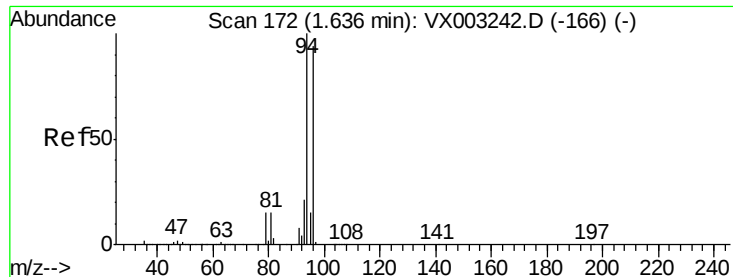
64 32.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.35 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

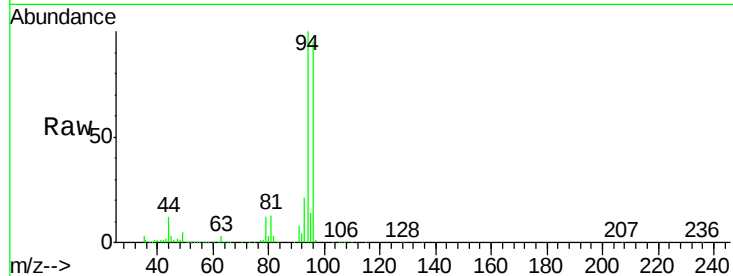
VX0711WBSD01

Tot Ion: 94 Resp: 39606

Ion Ratio Lower Upper

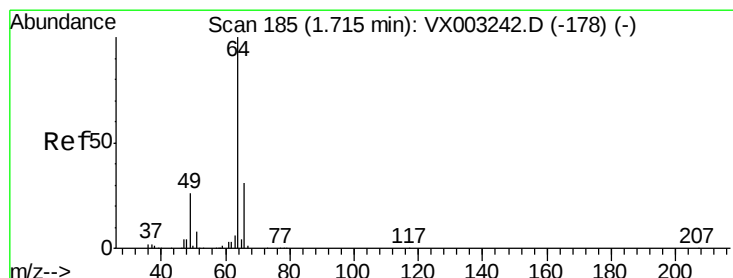
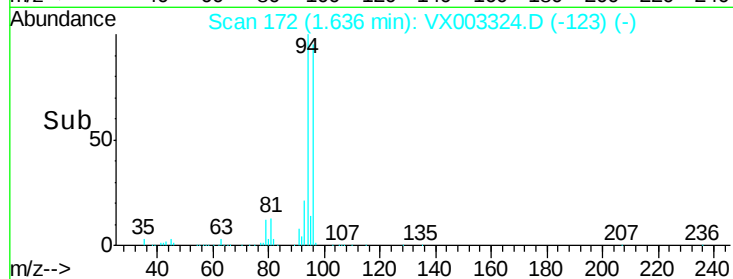
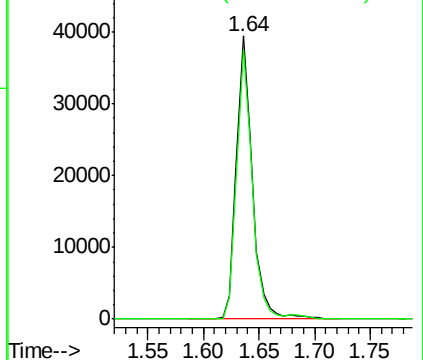
94 100

96 95.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 32.09 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003324.D

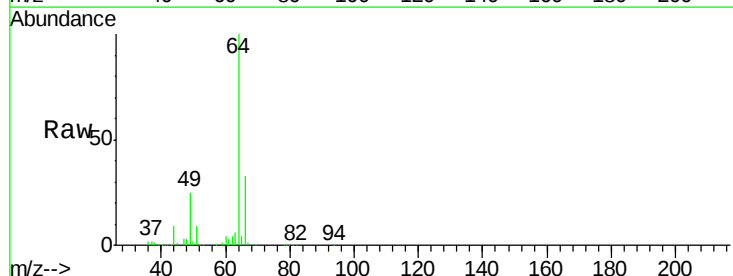
Acq: 11 Jul 2018 17:16

Tgt Ion: 64 Resp: 58652

Ion Ratio Lower Upper

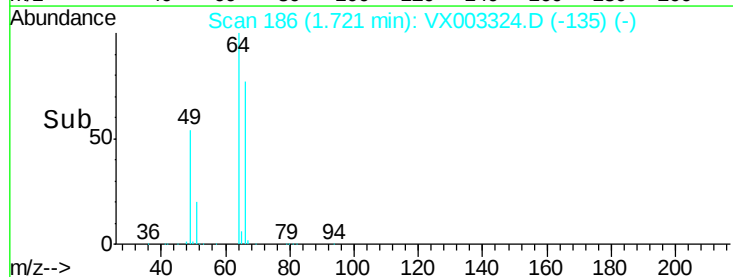
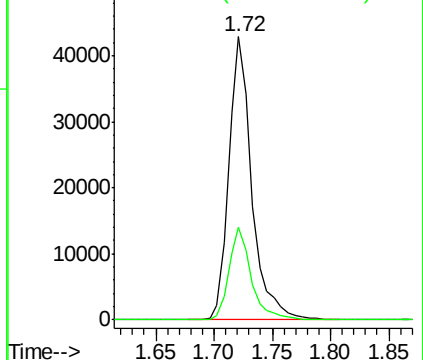
64 100

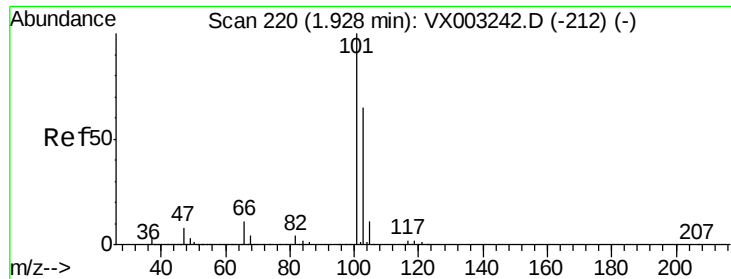
66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



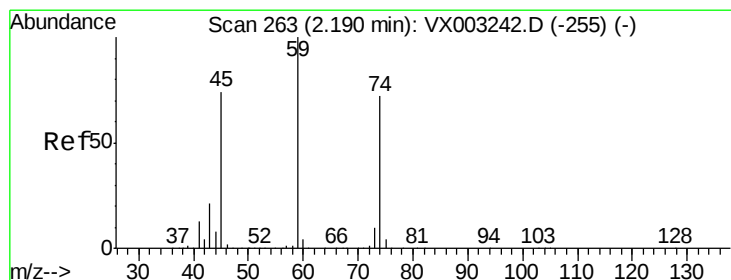
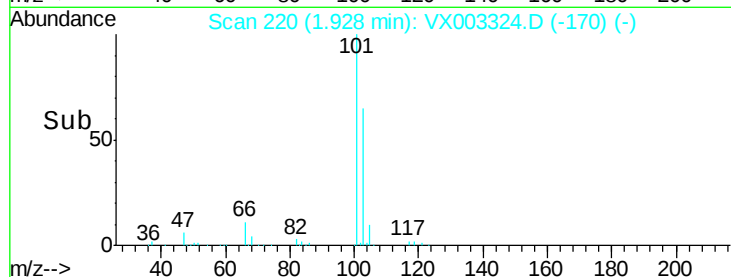
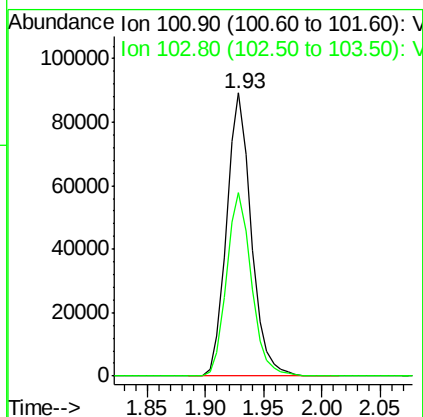
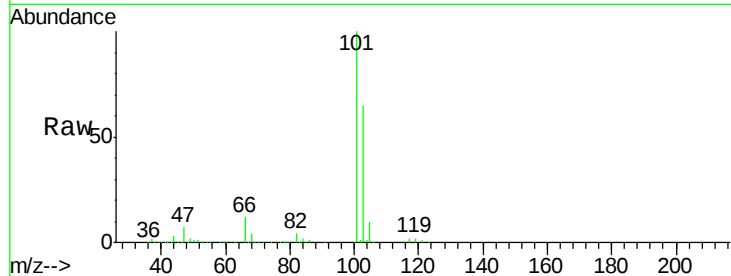


#7

Trichlorofluoromethane
 Concen: 26.84 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD01

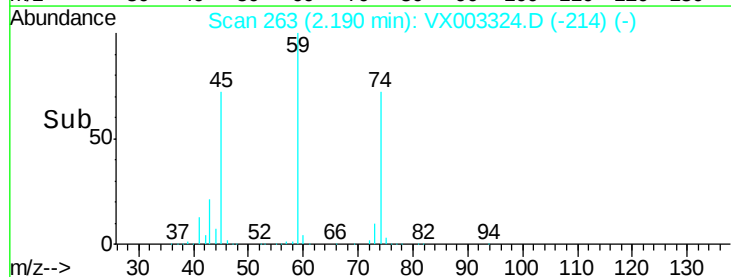
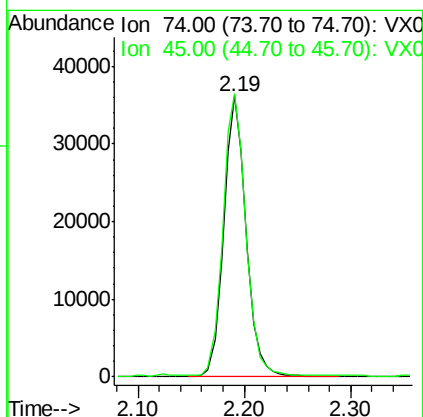
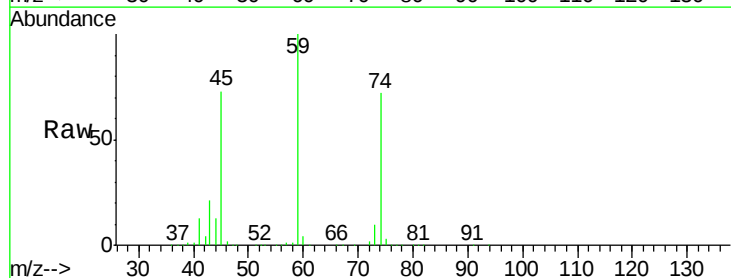
Tot Ion:101 Resp: 131597
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.8 79.2

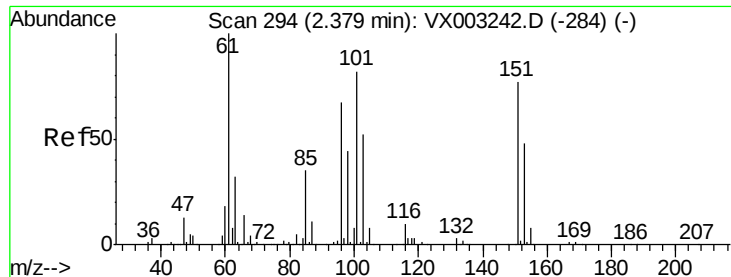


#8

Diethyl Ether
 Concen: 29.88 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

Tgt Ion: 74 Resp: 52966
 Ion Ratio Lower Upper
 74 100
 45 102.0 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 27.81 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD01

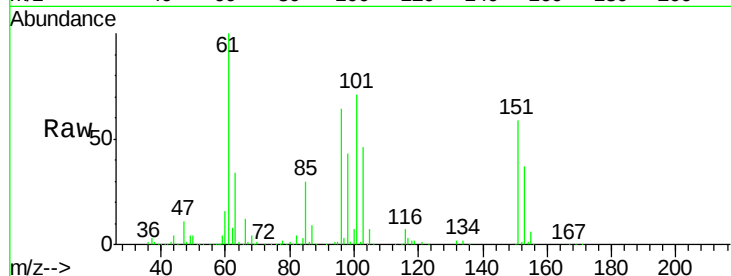
Tot Ion:101 Resp: 79838

Ion Ratio Lower Upper

101 100

85 43.7 36.0 54.0

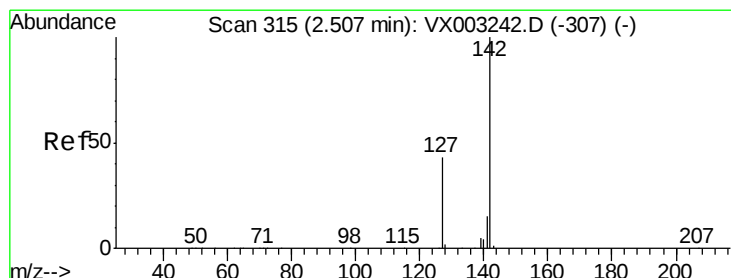
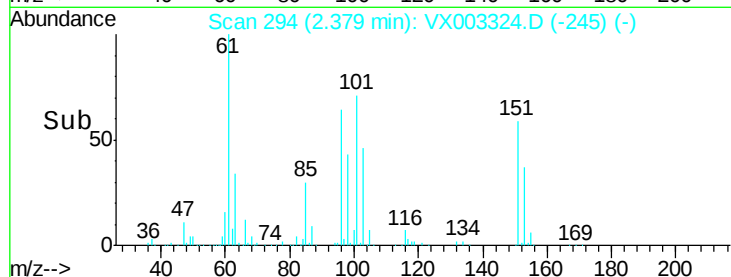
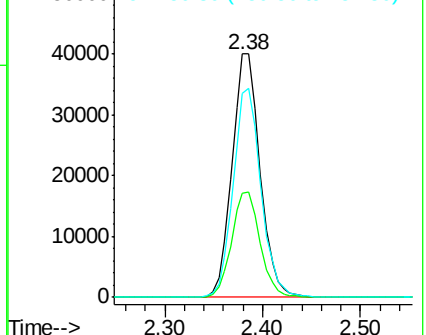
151 85.0 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 25.37 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

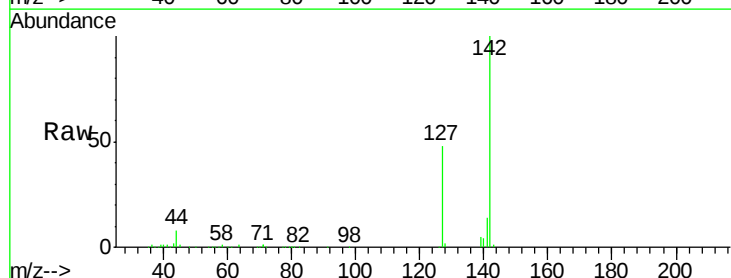
Tgt Ion:142 Resp: 70482

Ion Ratio Lower Upper

142 100

127 43.5 36.6 55.0

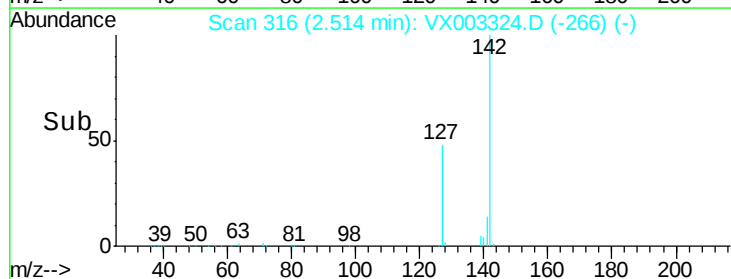
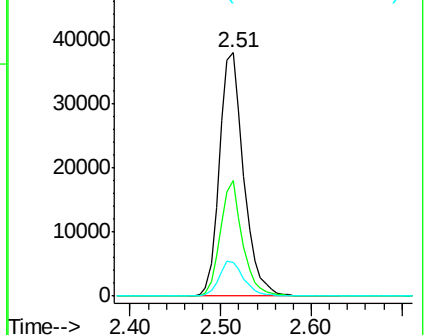
141 14.6 11.3 16.9

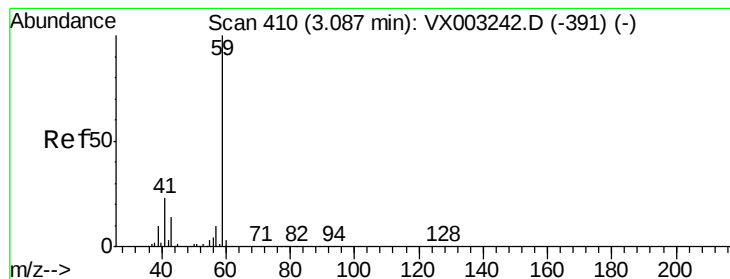


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



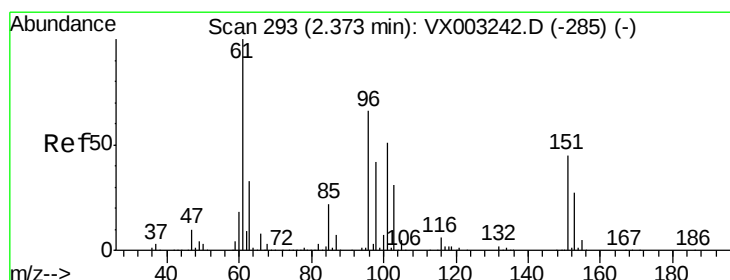
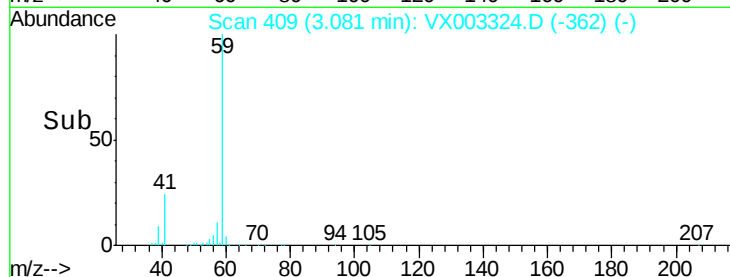
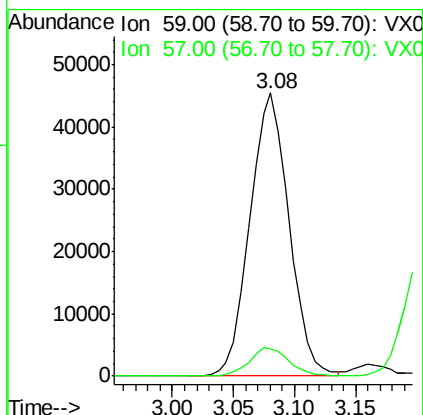
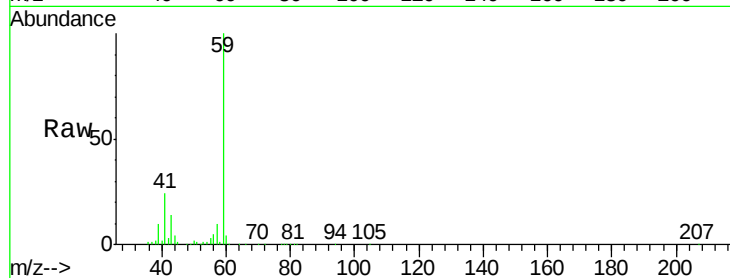


#11

Tert butyl alcohol
Concen: 152.59 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD01

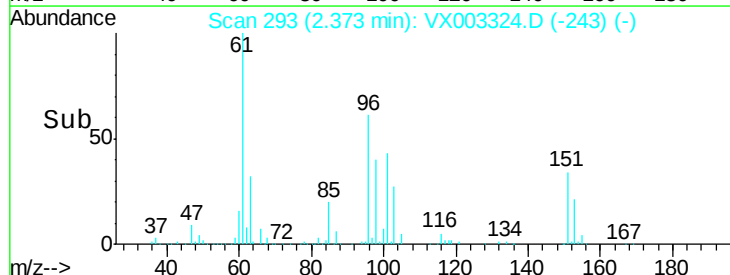
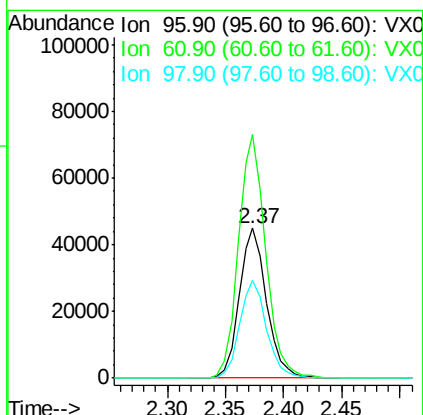
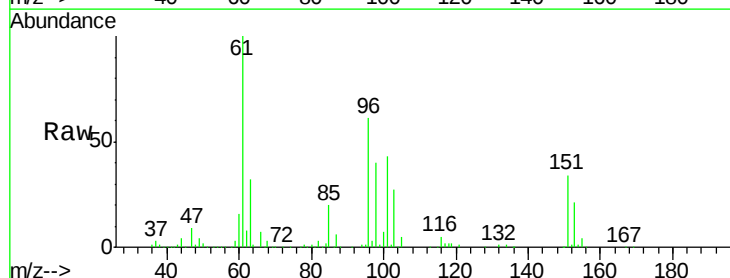
Tot Ion: 59 Resp: 101224
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

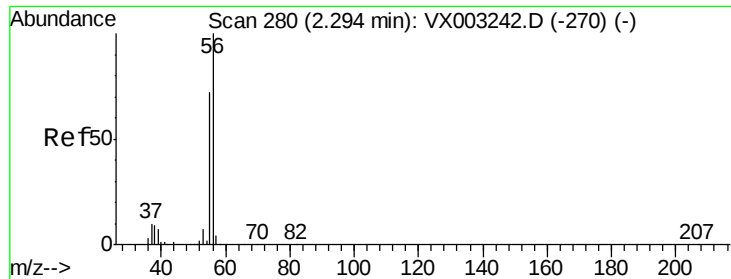


#12

1,1-Dichloroethene
Concen: 28.00 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion: 96 Resp: 73153
Ion Ratio Lower Upper
96 100
61 162.6 137.9 206.9
98 64.9 51.6 77.4





#13

Acrolein

Concen: 127.93 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

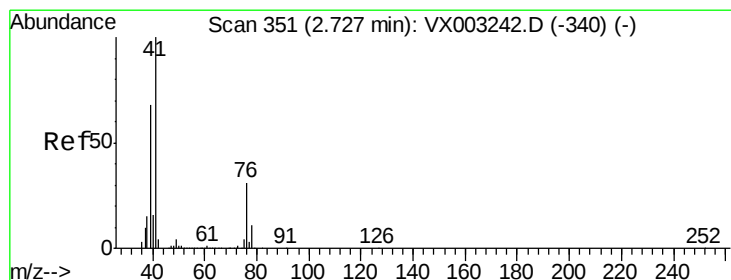
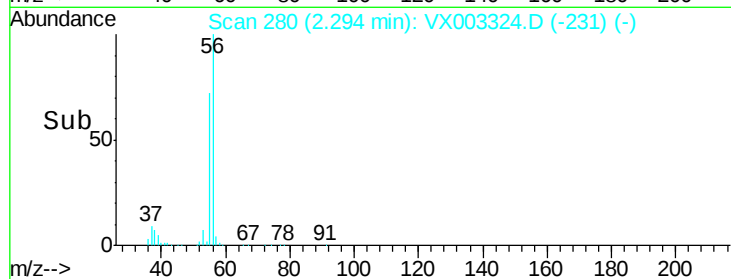
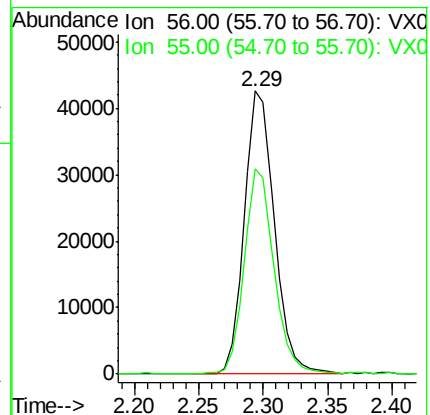
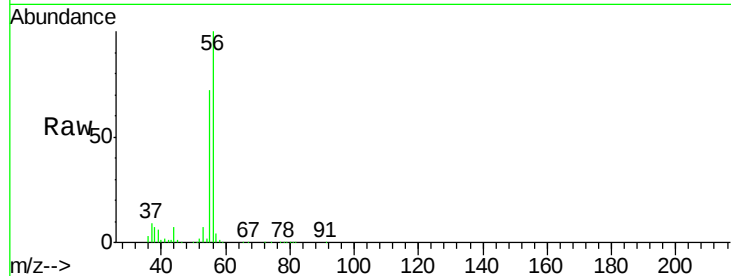
VX0711WBSD01

Tot Ion: 56 Resp: 68384

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4



#14

Allyl chloride

Concen: 29.40 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

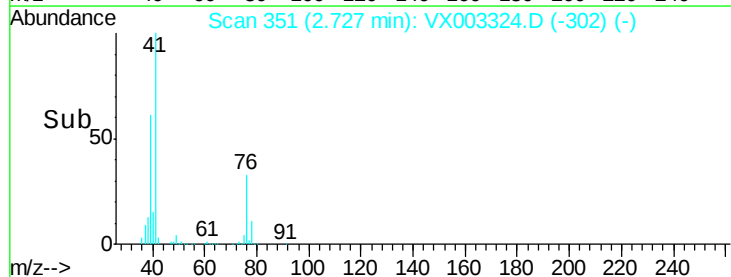
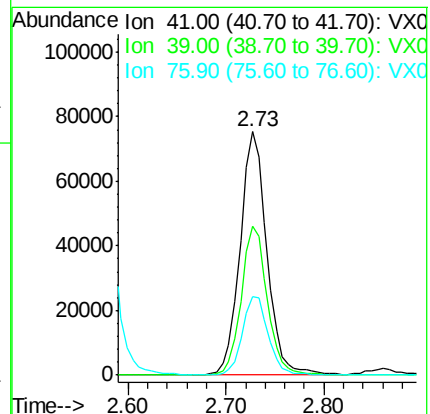
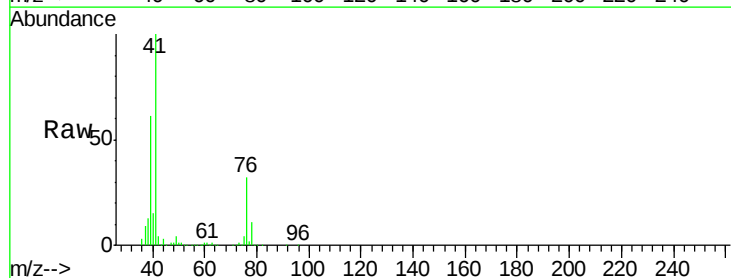
Tgt Ion: 41 Resp: 142290

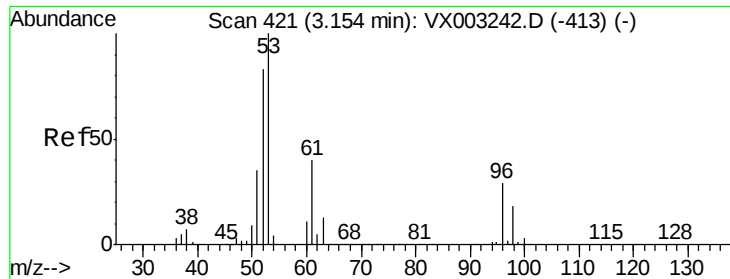
Ion Ratio Lower Upper

41 100

39 59.2 56.8 85.2

76 31.6 23.8 35.8



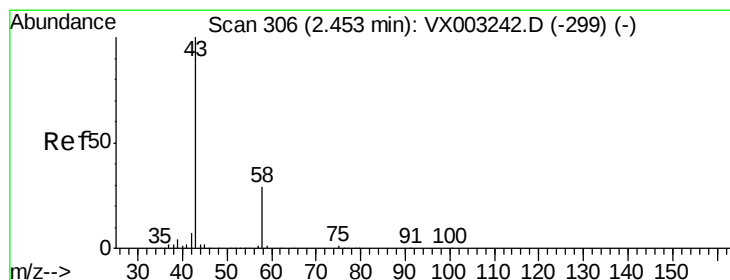
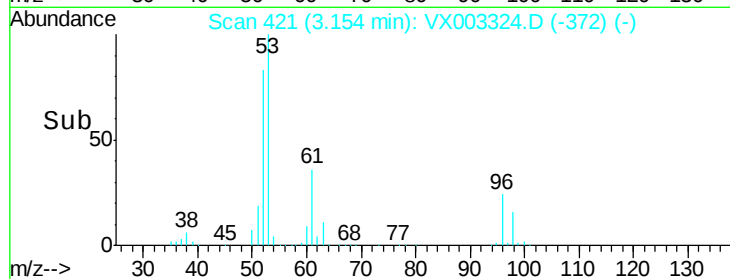
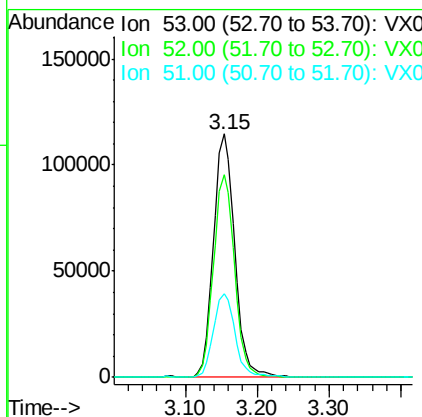
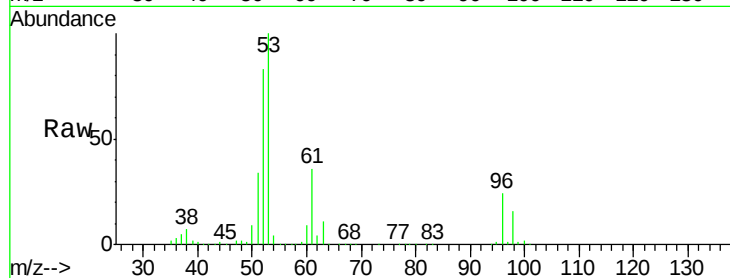


#15
 Acrylonitrile
 Concen: 158.09 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD01

Tot Ion: 53 Resp: 234167

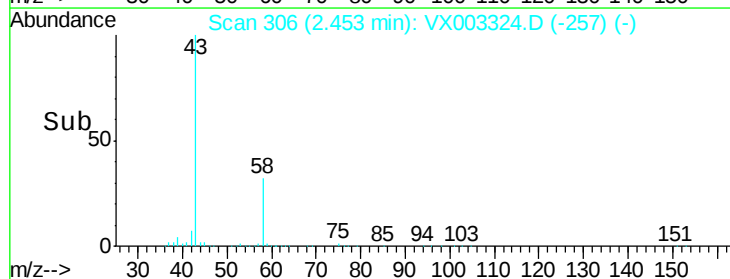
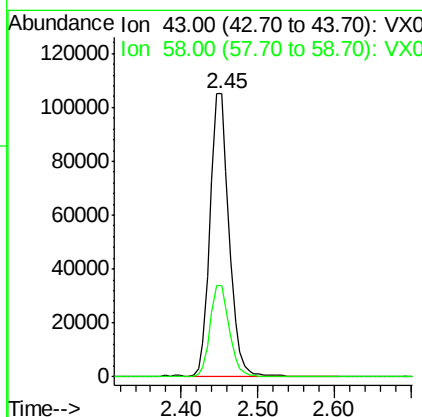
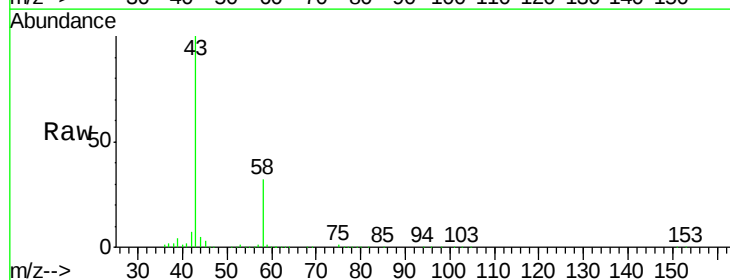
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.7	100.1
51	35.2	29.9	44.9

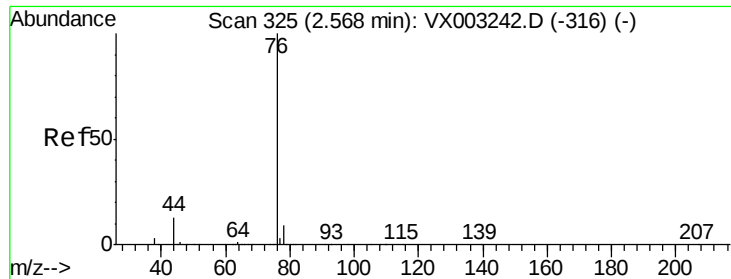


#16
 Acetone
 Concen: 139.21 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

Tgt Ion: 43 Resp: 180835

Ion	Ratio	Lower	Upper
43	100		
58	32.2	22.1	33.1

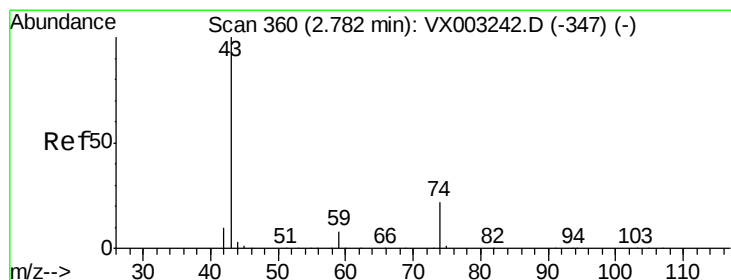
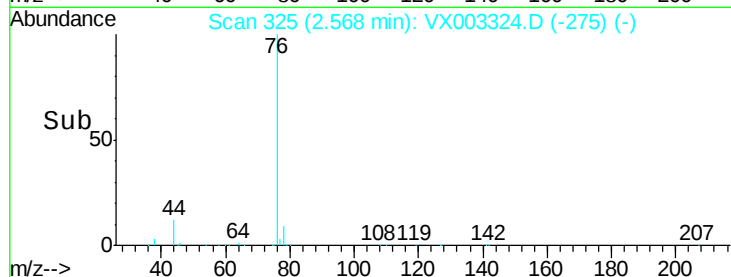
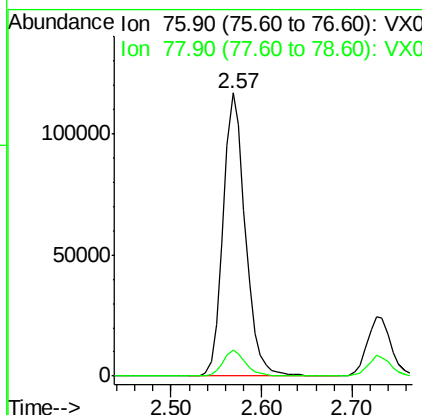
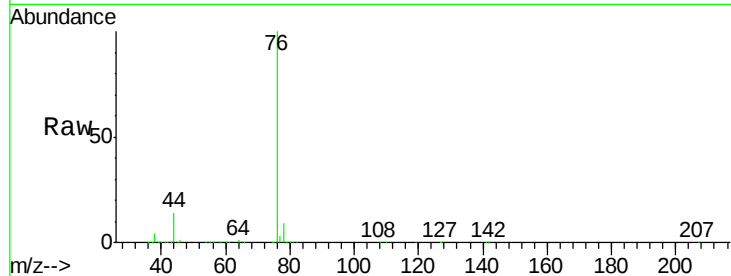




#17
Carbon Disulfide
Concen: 27.46 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

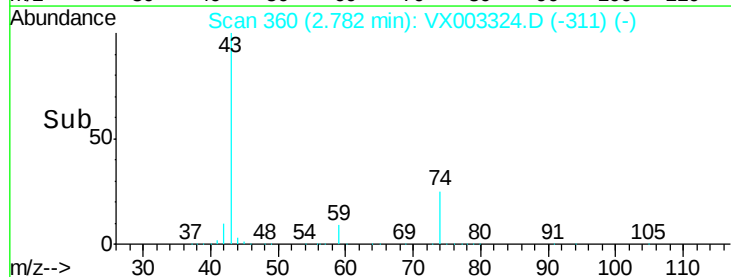
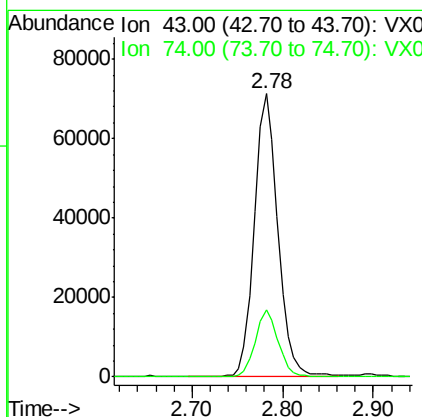
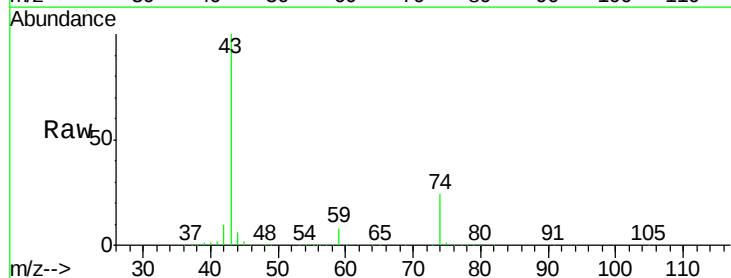
Instrument :
MSVOA_X
ClientSampled :
VX0711WBSD01

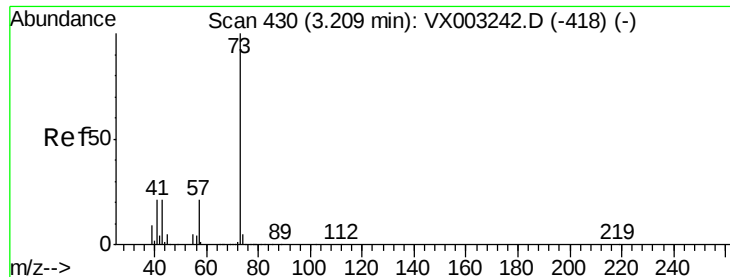
Tot Ion: 76 Resp: 199391
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 34.81 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion: 43 Resp: 127569
Ion Ratio Lower Upper
43 100
74 22.6 16.7 25.1

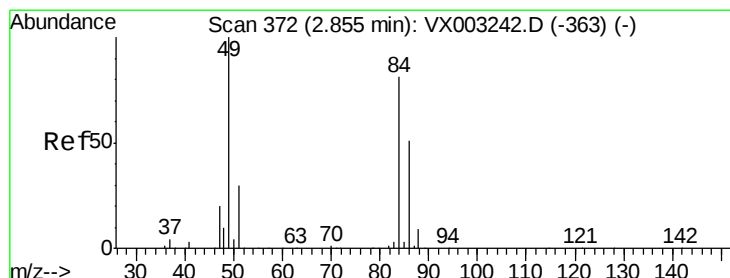
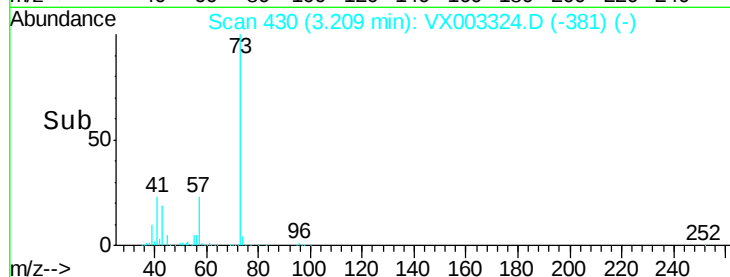
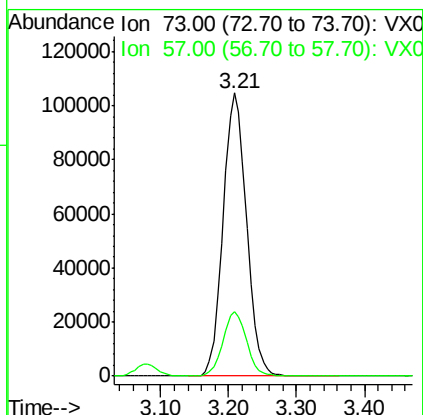
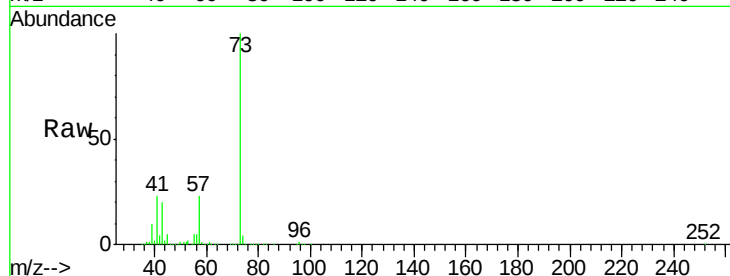




#19
Methvl tert-butvl Ether
Concen: 28.61 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

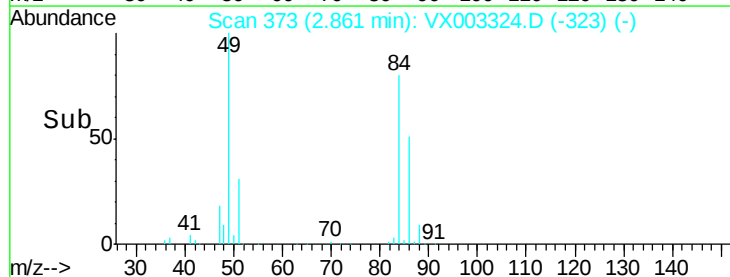
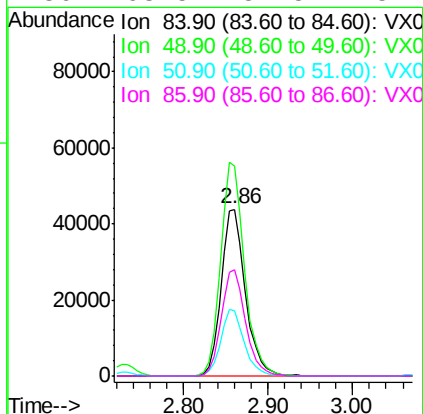
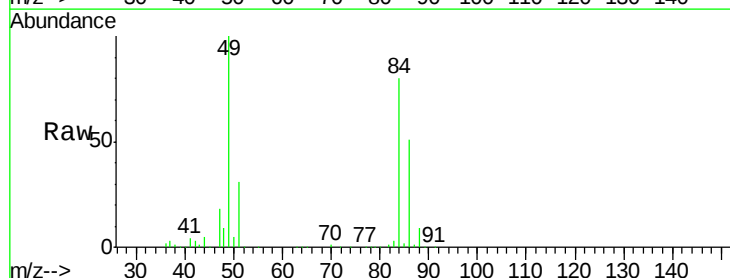
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD01

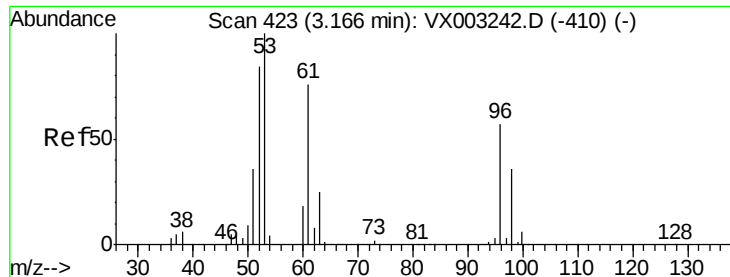
Tot Ion: 73 Resp: 249671
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5



#20
Methylene Chloride
Concen: 32.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion: 84 Resp: 86490
Ion Ratio Lower Upper
84 100
49 125.6 107.8 161.6
51 39.0 32.8 49.2
86 63.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 28.01 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD01

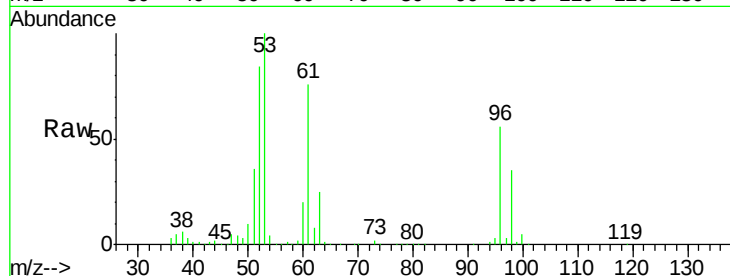
Tot Ion: 96 Resp: 78013

Ion Ratio Lower Upper

96 100

61 134.8 117.0 175.4

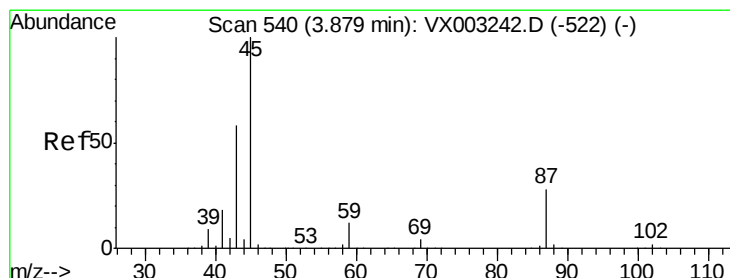
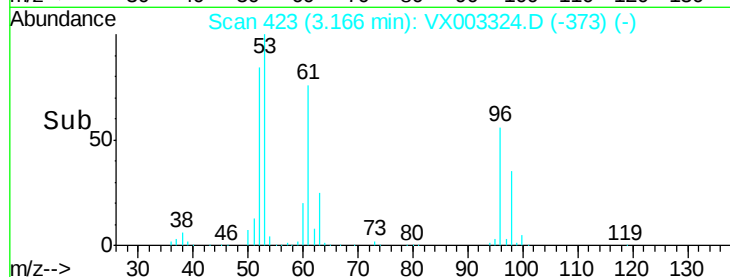
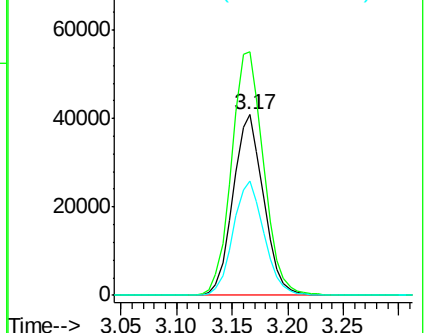
98 62.9 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 25.73 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Tgt Ion: 45 Resp: 253366

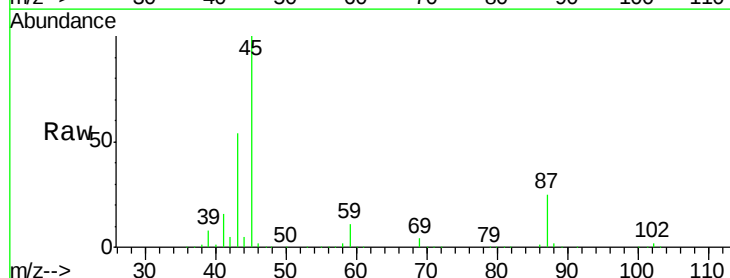
Ion Ratio Lower Upper

45 100

43 54.3 46.8 70.2

87 24.7 20.2 30.4

59 11.1 8.7 13.1

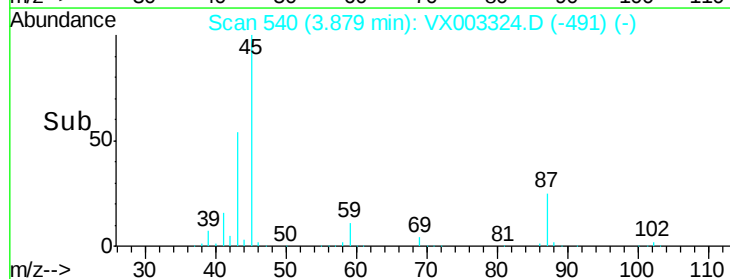
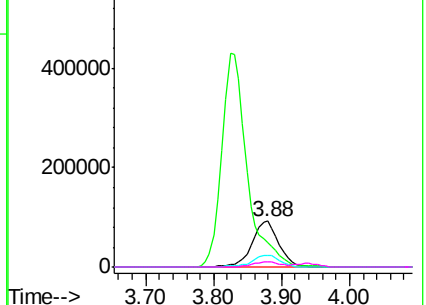


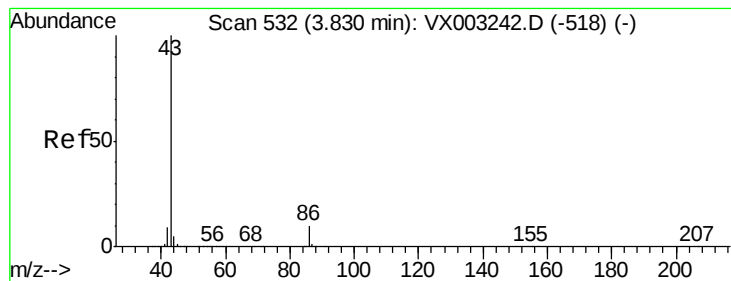
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 133.99 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

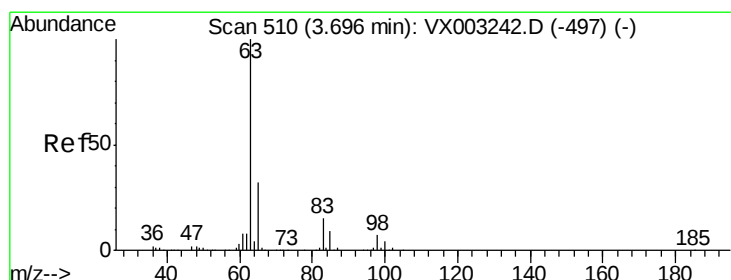
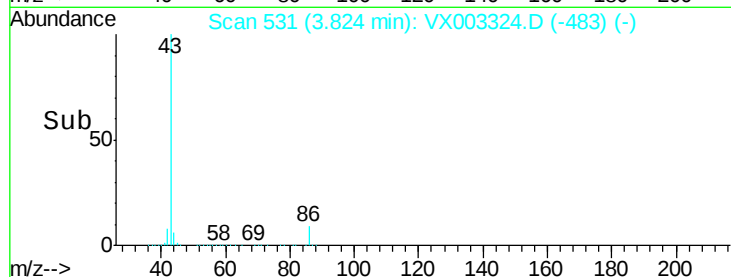
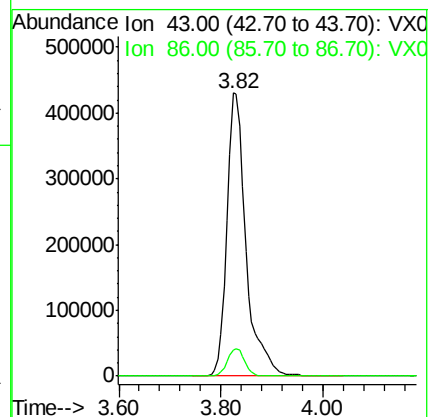
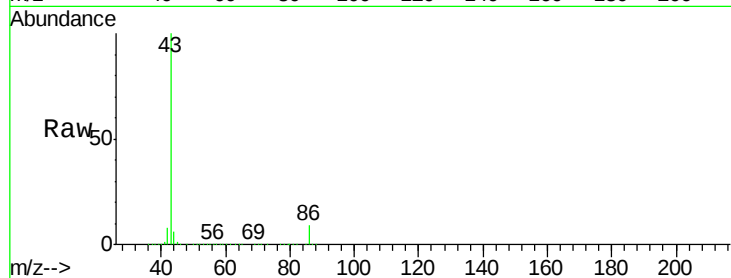
VX0711WBSD01

Tot Ion: 43 Resp: 1120048

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.0



#24

1,1-Dichloroethane

Concen: 29.10 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

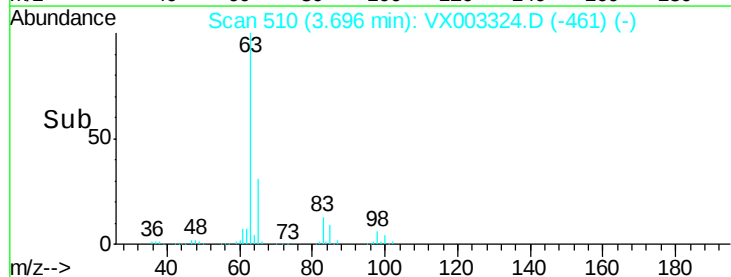
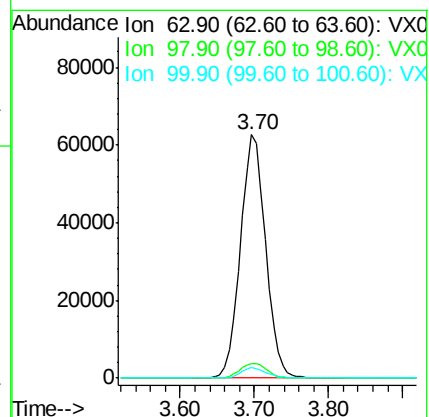
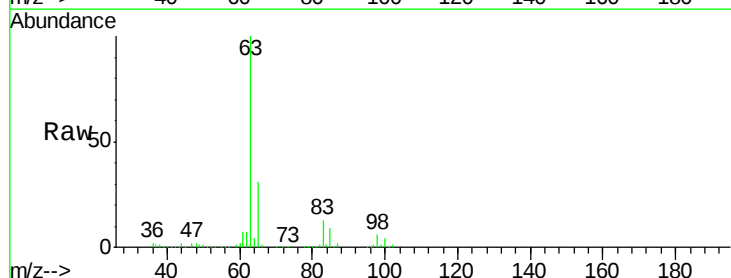
Tgt Ion: 63 Resp: 149139

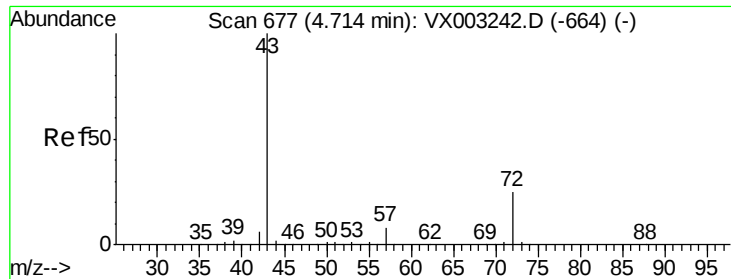
Ion Ratio Lower Upper

63 100

98 5.8 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 118.44 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

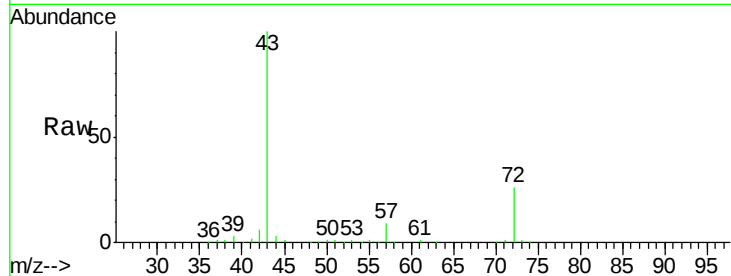
VX0711WBSD01

Tot Ion: 43 Resp: 272251

Ion Ratio Lower Upper

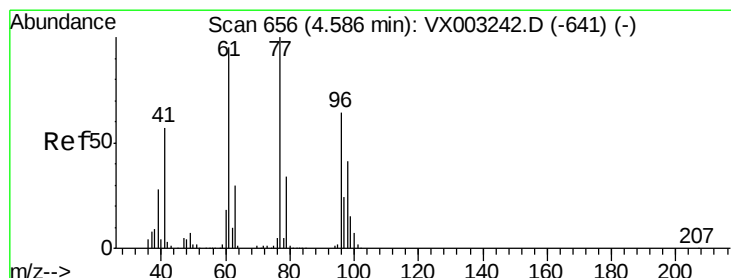
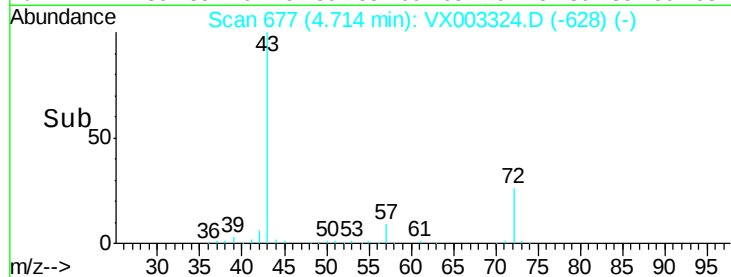
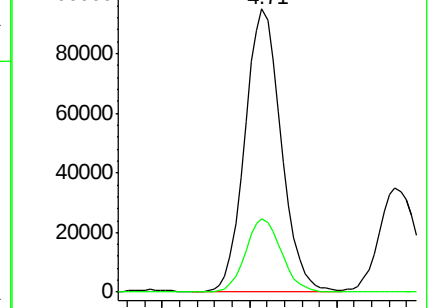
43 100

72 25.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 22.32 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003324.D

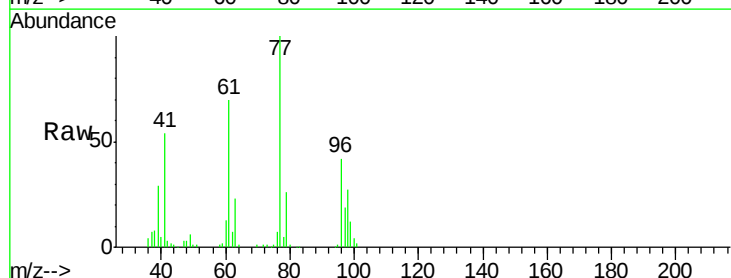
Acq: 11 Jul 2018 17:16

Tgt Ion: 77 Resp: 100028

Ion Ratio Lower Upper

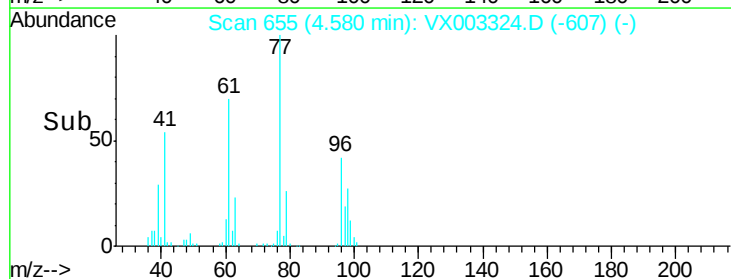
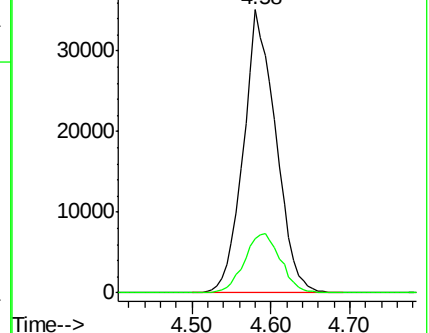
77 100

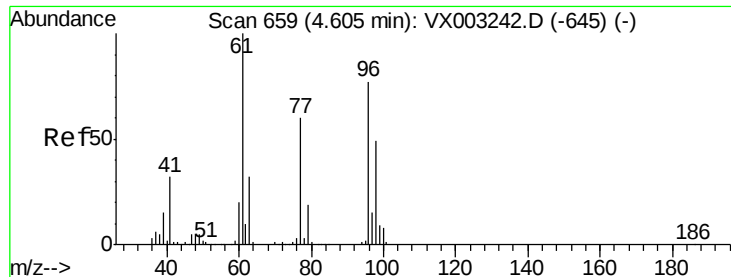
97 23.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



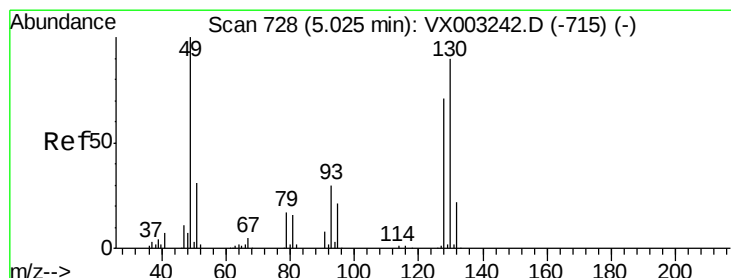
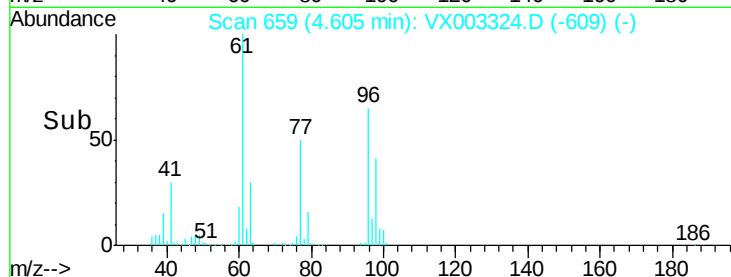
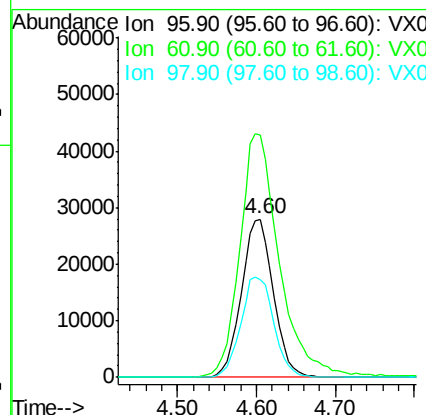
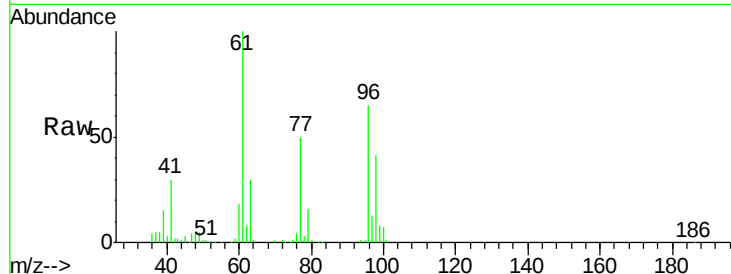


#27

cis-1,2-Dichloroethene
 Concen: 22.98 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD01

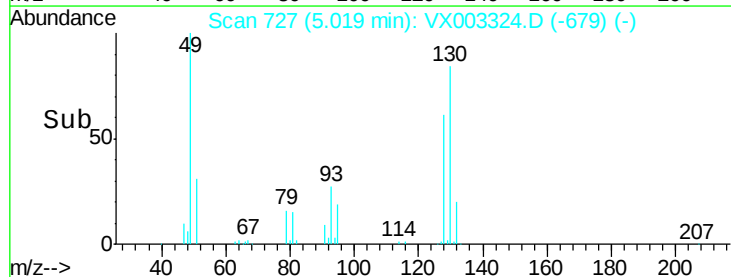
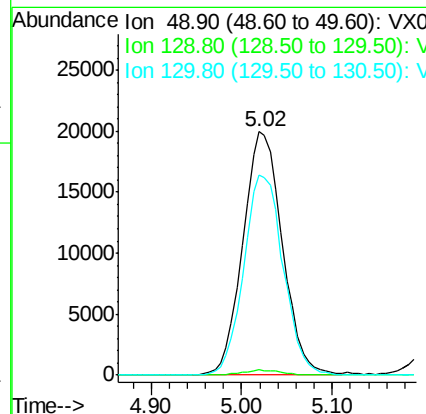
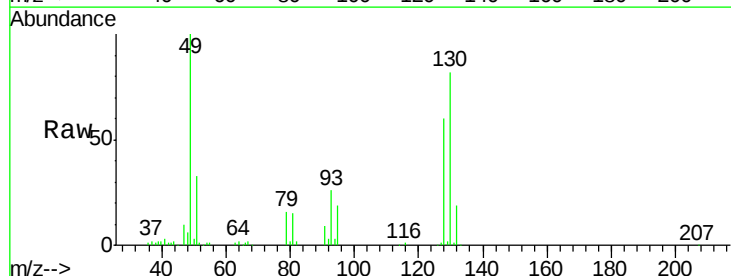
Tot Ion: 96 Resp: 78671
 Ion Ratio Lower Upper
 96 100
 61 191.4 0.0 330.2
 98 65.4 0.0 130.2

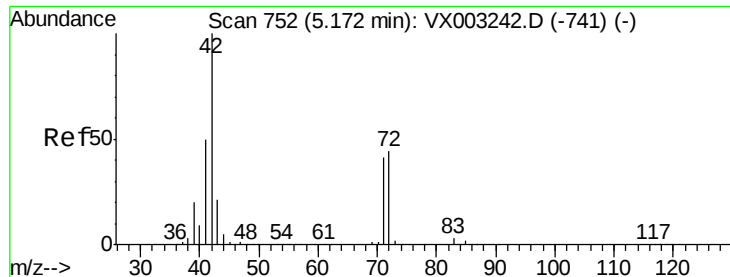


#28

Bromochloromethane
 Concen: 23.29 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

Tgt Ion: 49 Resp: 60122
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 82.4 61.2 91.8

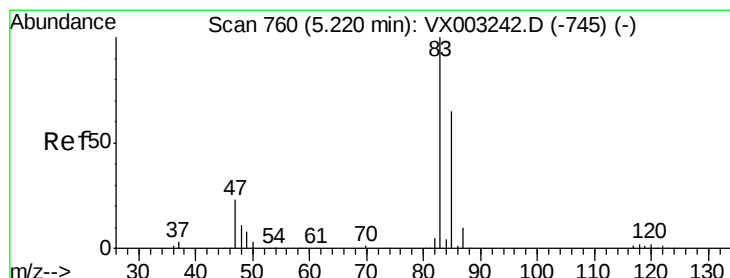
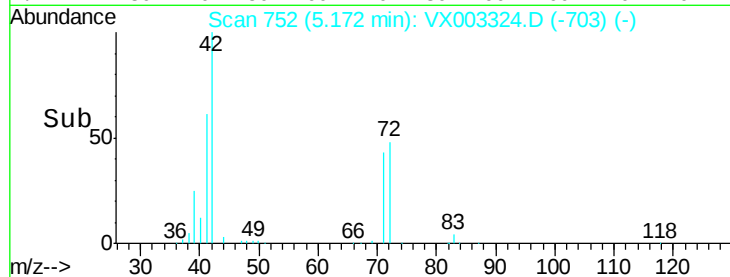
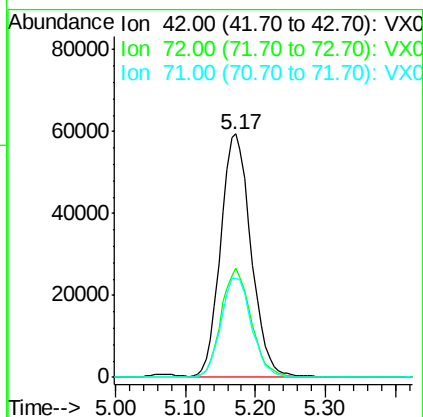
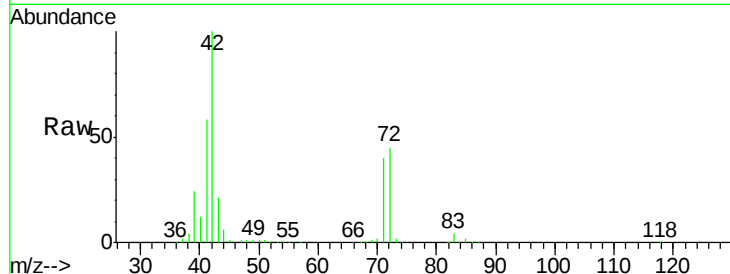




#29
Tetrahydrofuran
Concen: 119.91 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

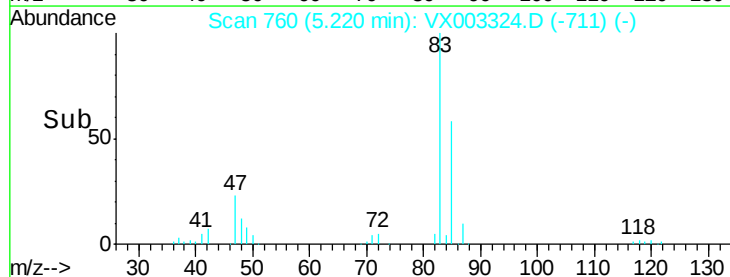
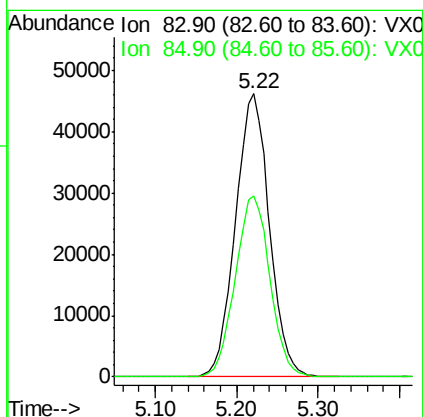
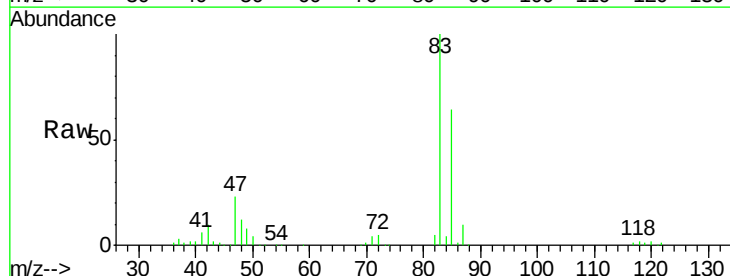
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD01

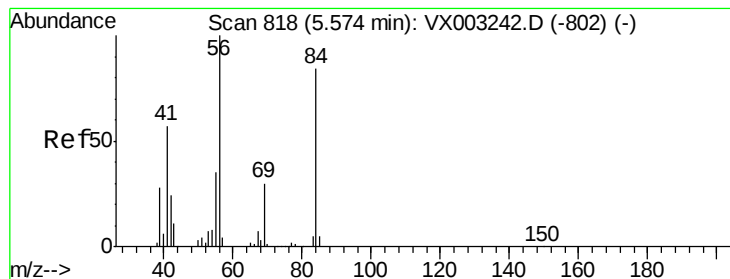
Tot Ion: 42 Resp: 178896
Ion Ratio Lower Upper
42 100
72 44.3 32.0 48.0
71 41.2 30.1 45.1



#30
Chloroform
Concen: 23.60 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion: 83 Resp: 133008
Ion Ratio Lower Upper
83 100
85 63.9 50.4 75.6





#31

Cyclohexane

Concen: 23.71 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD01

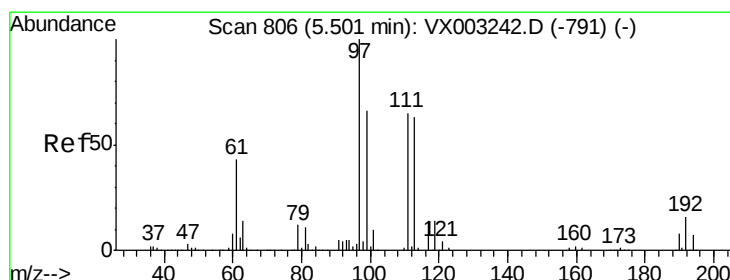
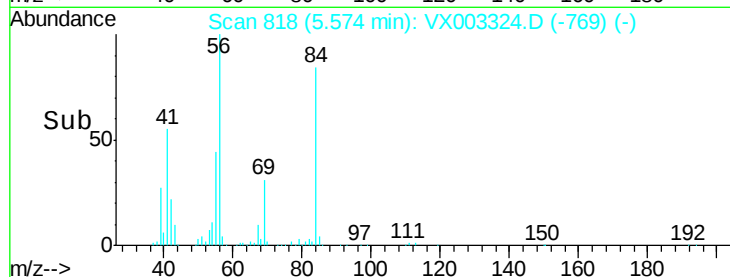
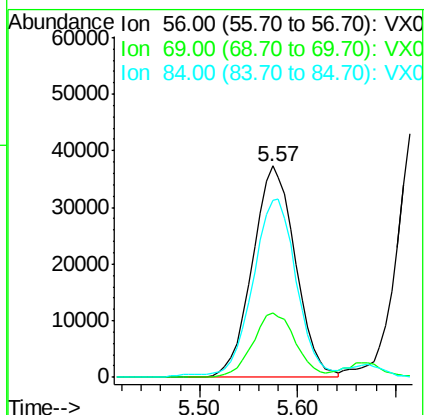
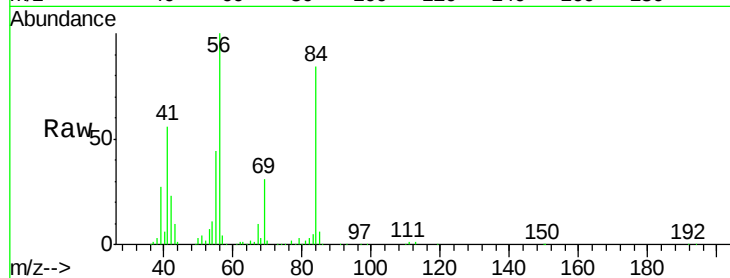
Tot Ion: 56 Resp: 113760

Ion Ratio Lower Upper

56 100

69 30.6 23.7 35.5

84 82.8 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 22.10 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

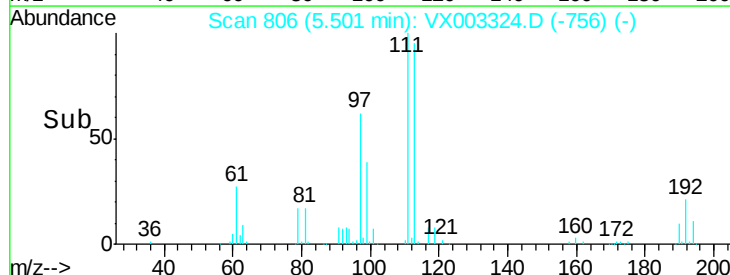
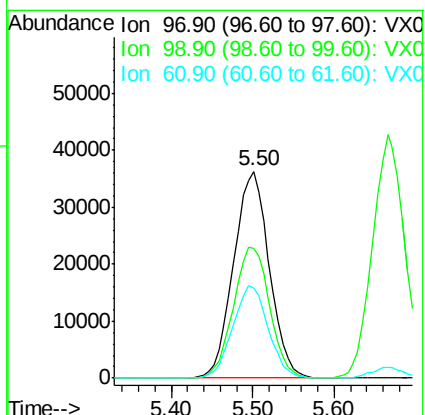
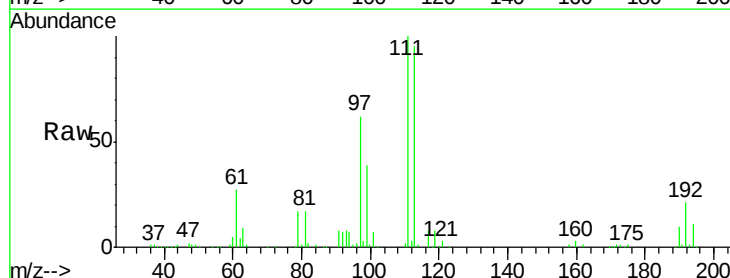
Tgt Ion: 97 Resp: 109924

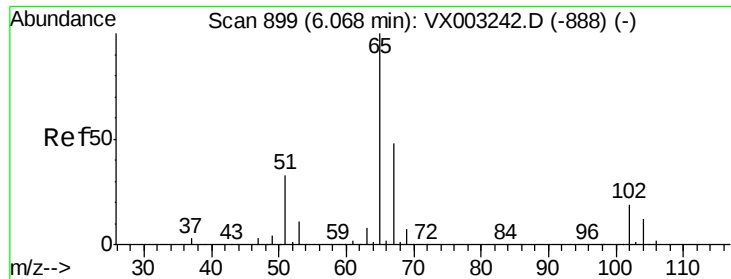
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 44.7 36.4 54.6

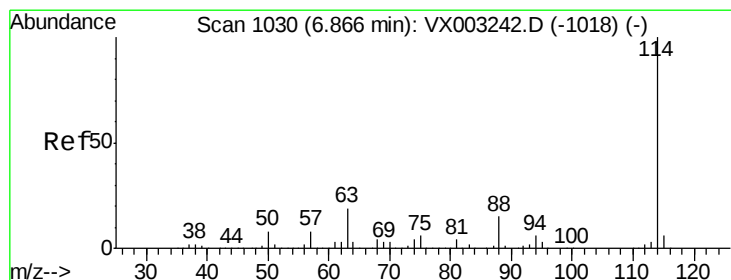
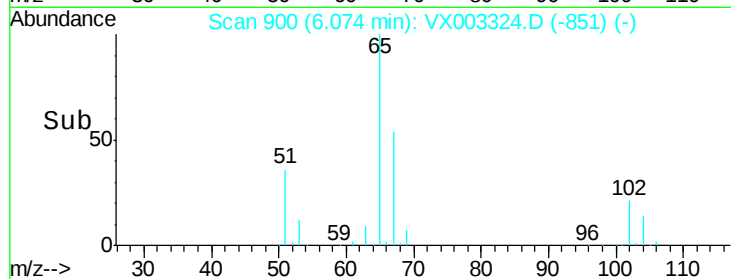
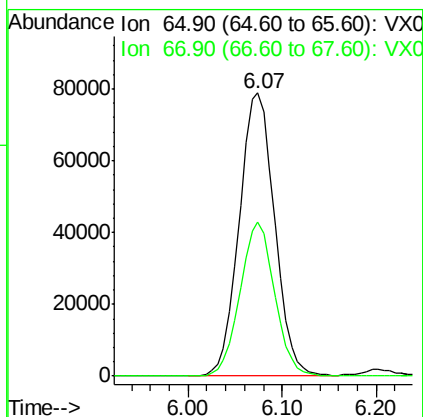
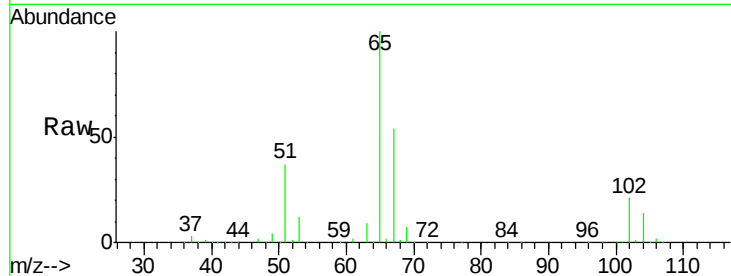




#33
 1,2-Dichloroethane-d4
 Concen: 56.40 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

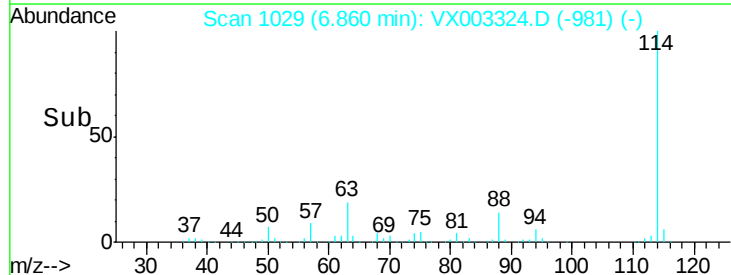
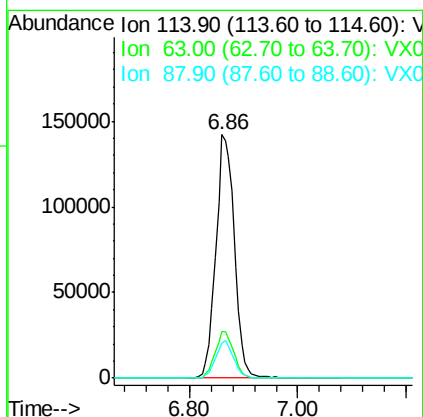
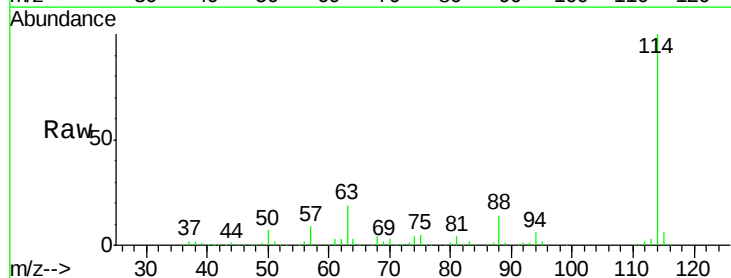
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD01

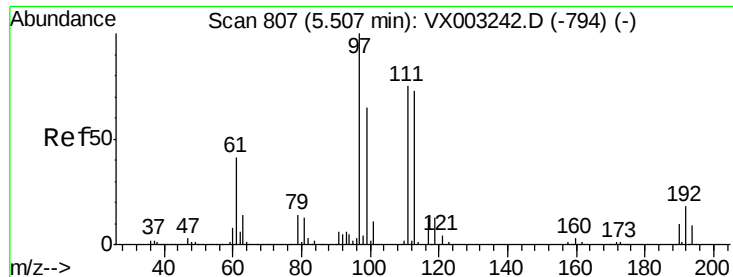
Tot Ion: 65 Resp: 206382
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

Tgt Ion: 114 Resp: 335615
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.4
 88 14.3 0.0 30.0

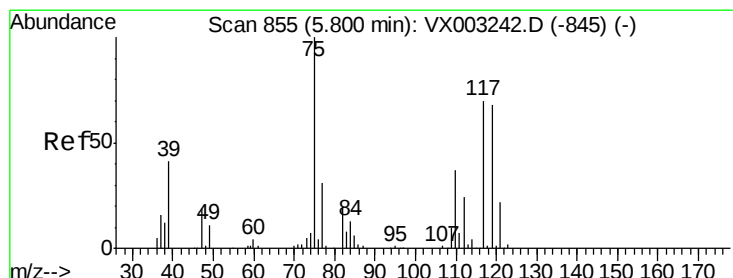
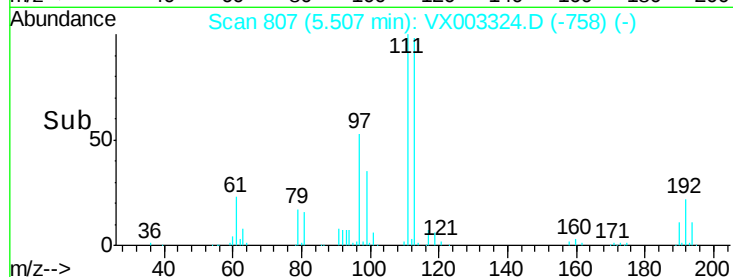
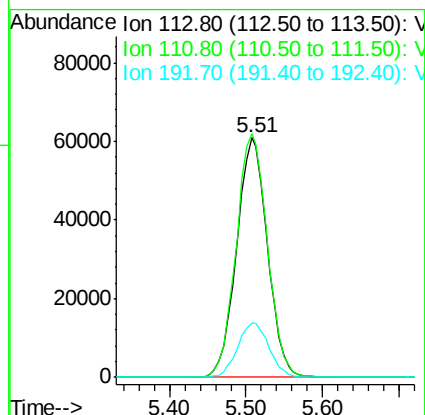
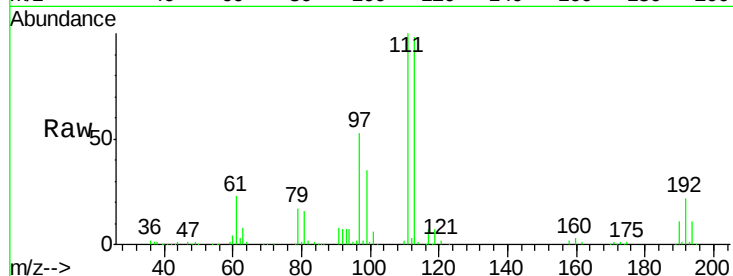




#35
 Dibromofluoromethane
 Concen: 47.26 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

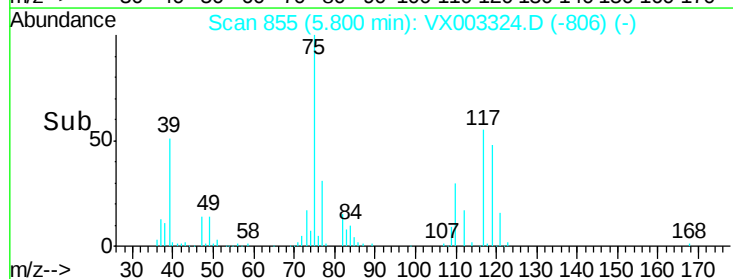
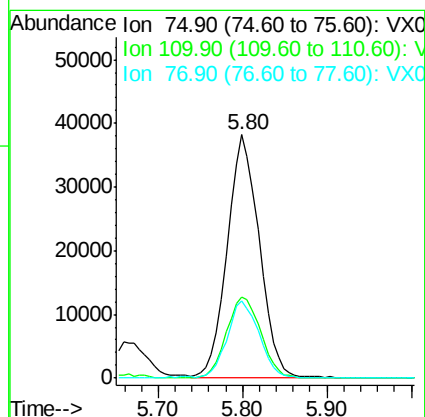
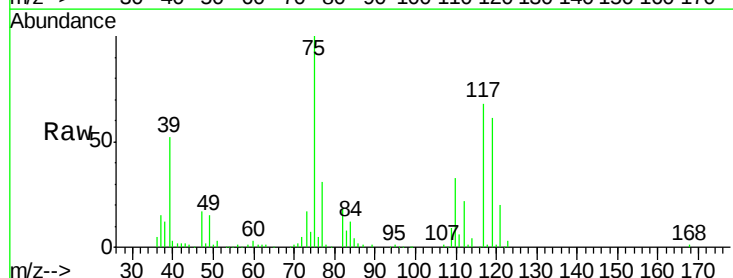
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD01

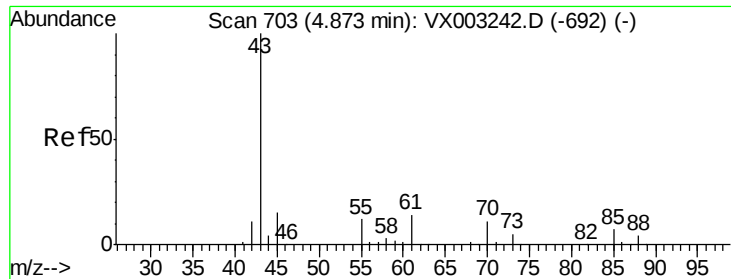
Tot Ion:113 Resp: 170407
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 23.0 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 20.80 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

Tgt Ion: 75 Resp: 98830
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.1 54.4
 77 32.3 24.3 36.5

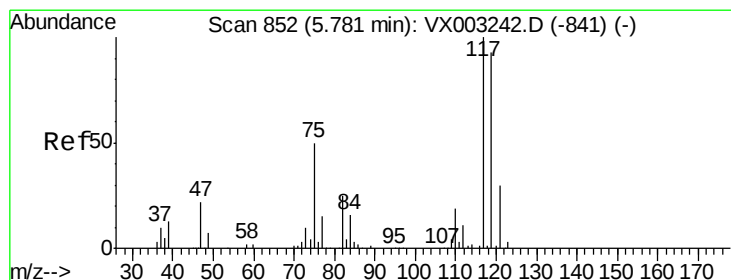
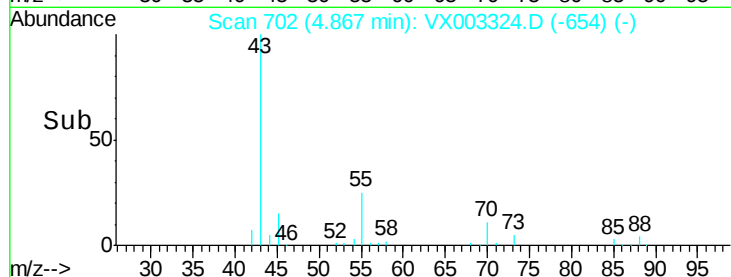
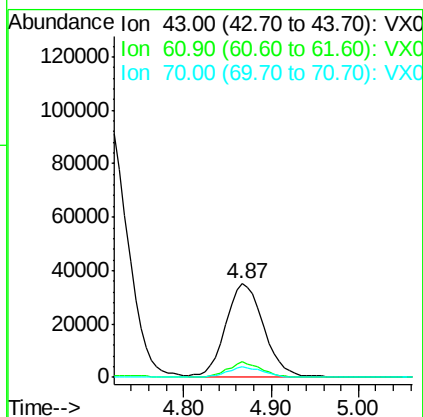
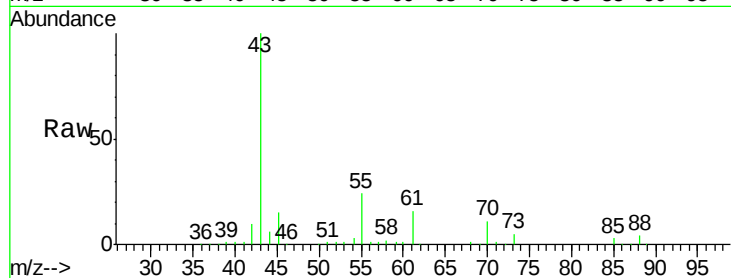




#37
Ethyl Acetate
Concen: 20.16 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

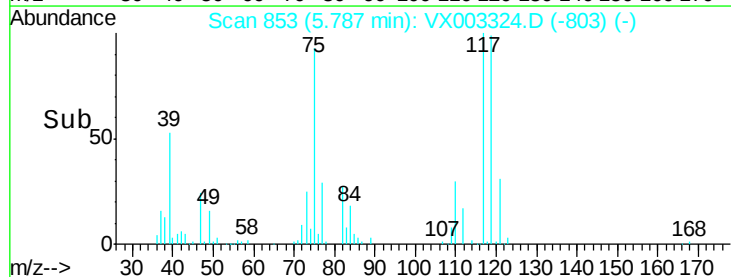
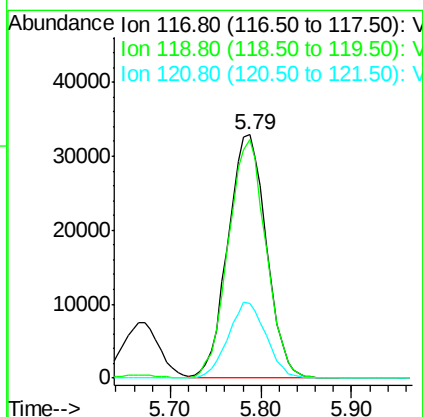
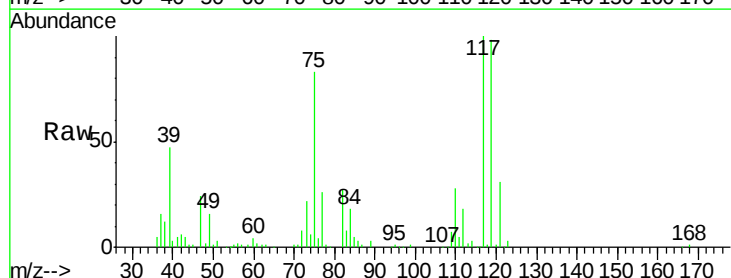
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD01

Tot Ion: 43 Resp: 104999
Ion Ratio Lower Upper
43 100
61 14.2 10.4 15.6
70 10.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.66 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion: 117 Resp: 97002
Ion Ratio Lower Upper
117 100
119 98.0 77.4 116.0
121 30.7 24.4 36.6

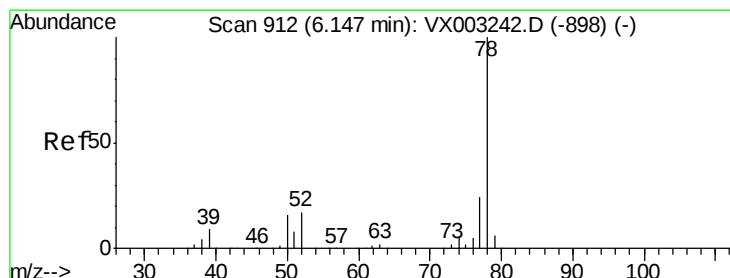
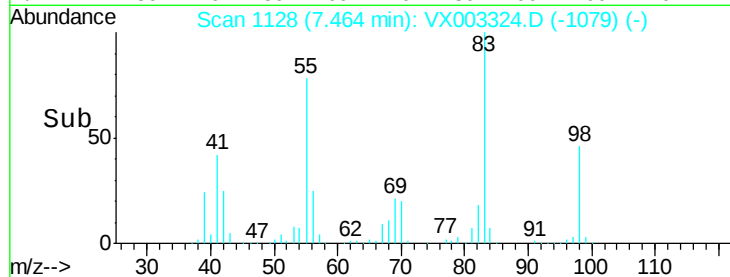
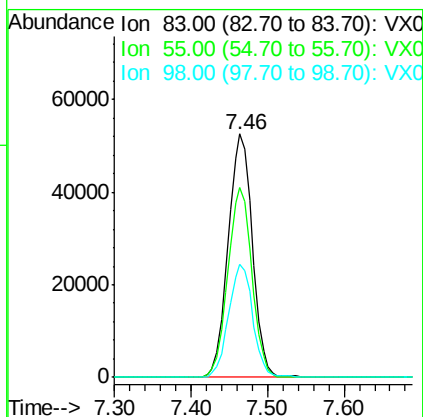
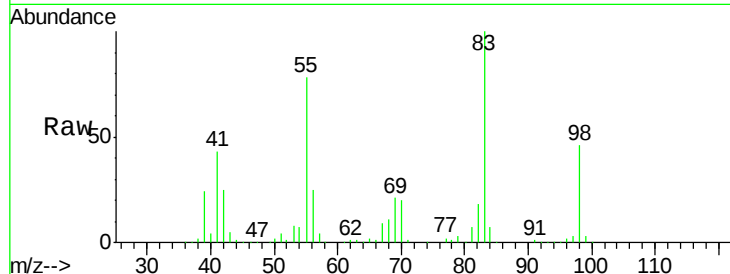




#39
Methvlcvclohexane
Concen: 20.56 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

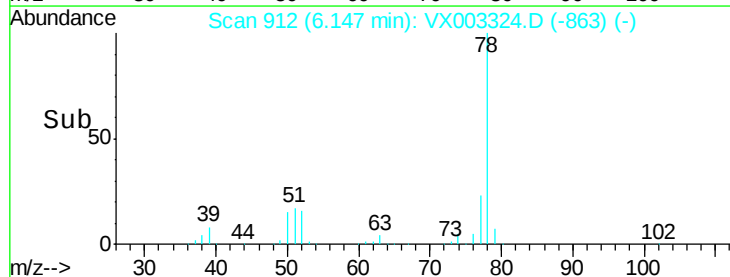
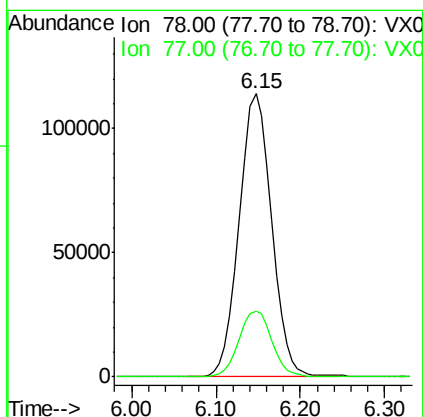
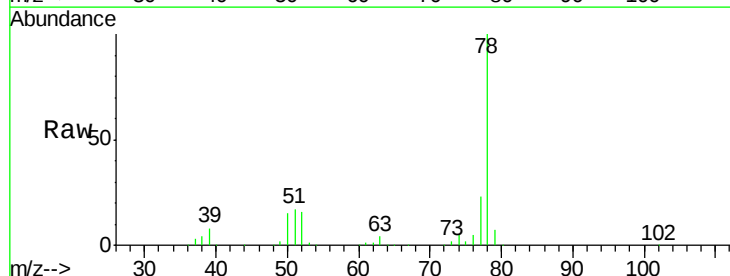
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD01

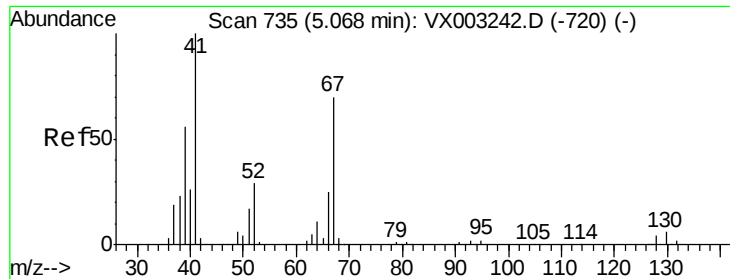
Tot Ion: 83 Resp: 115058
Ion Ratio Lower Upper
83 100
55 77.9 65.4 98.0
98 46.4 37.4 56.0



#40
Benzene
Concen: 21.15 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion: 78 Resp: 297836
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

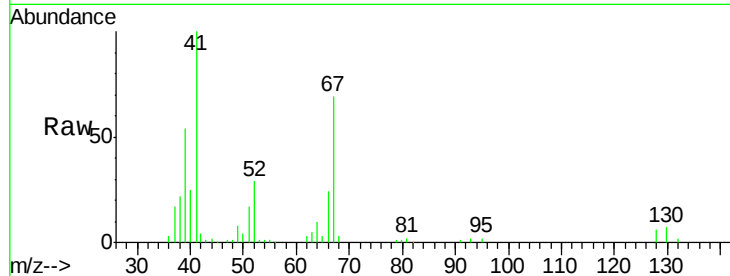




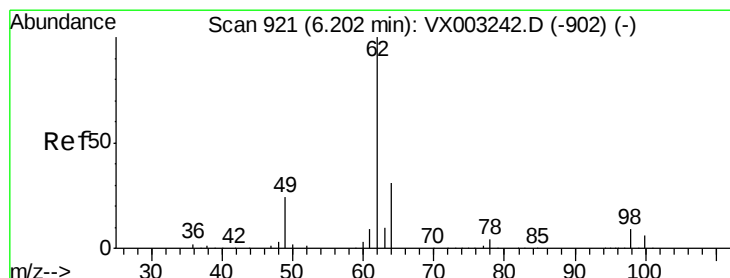
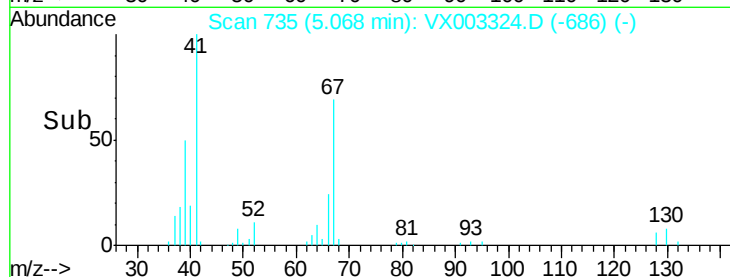
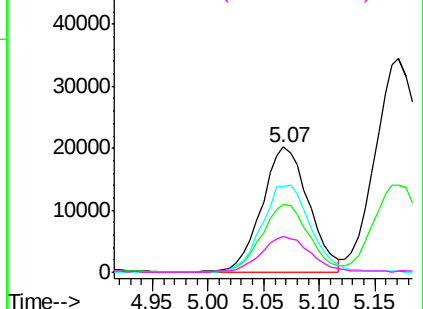
#41
Methacrylonitrile
Concen: 20.66 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Instrument :
MSVOA_X
ClientSampled :
VX0711WBSD01

Tot Ion:	41	Resp:	58913
Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.8	68.6
67	73.0	51.3	76.9
52	30.8	23.0	34.6

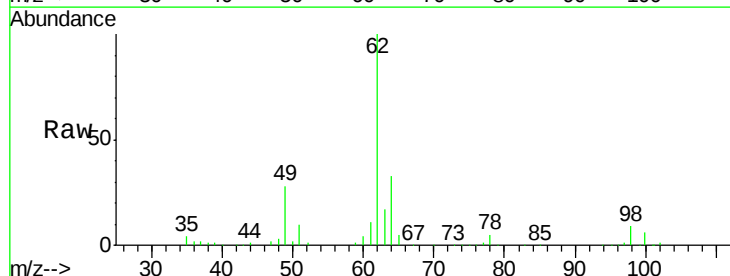


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

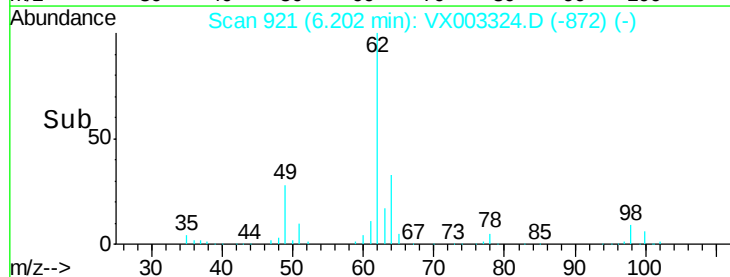
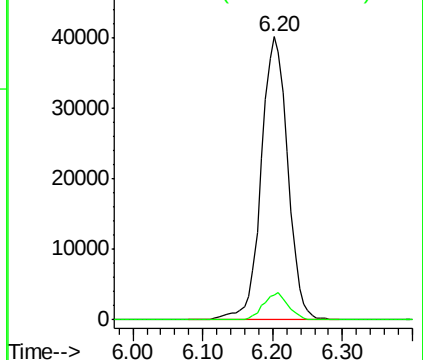


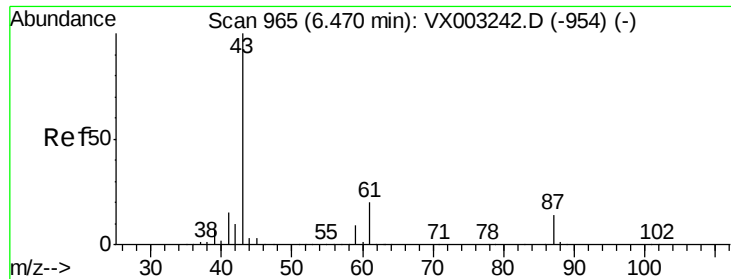
#42
1,2-Dichloroethane
Concen: 20.16 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion:	62	Resp:	106049
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



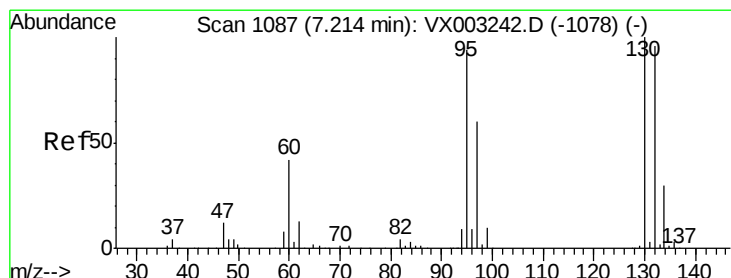
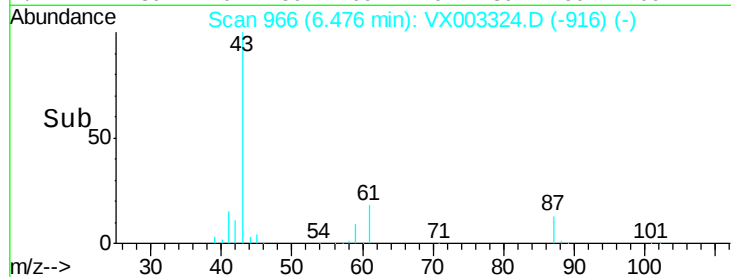
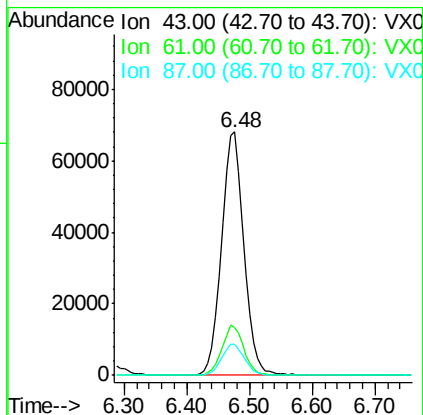
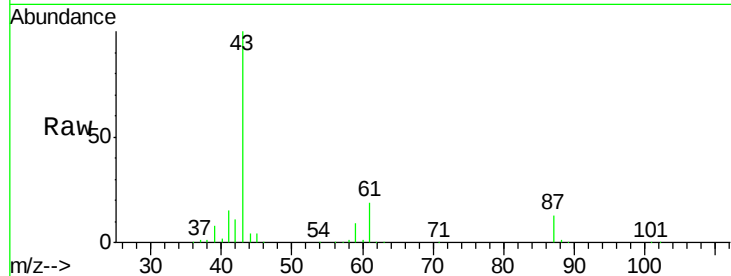


#43

Isopropyl Acetate
 Concen: 20.45 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD01

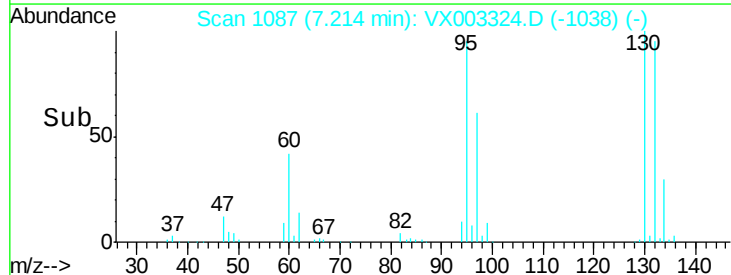
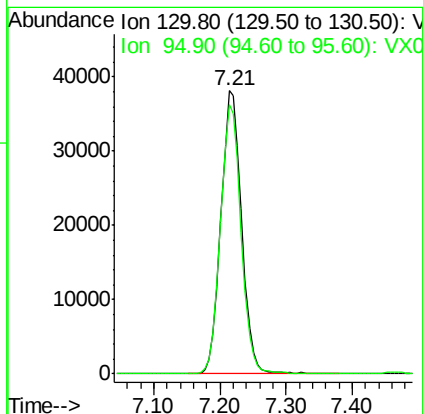
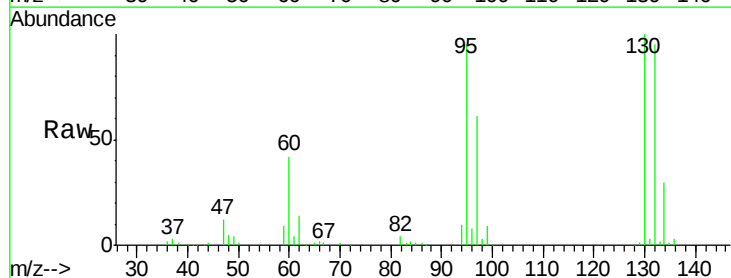
Tot Ion: 43 Resp: 167287
 Ion Ratio Lower Upper
 43 100
 61 20.1 14.4 21.6
 87 13.1 9.5 14.3

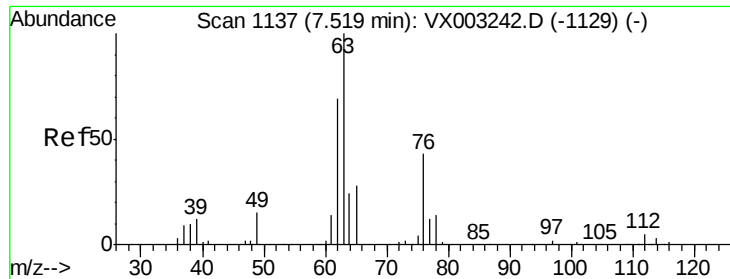


#44

Trichloroethene
 Concen: 19.83 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

Tgt Ion:130 Resp: 82571
 Ion Ratio Lower Upper
 130 100
 95 95.3 0.0 185.4





#45

1,2-Dichloropropane

Concen: 21.01 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

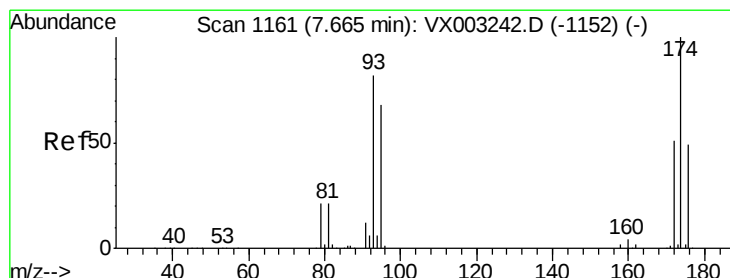
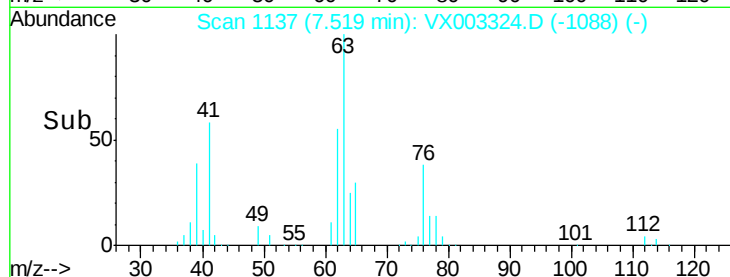
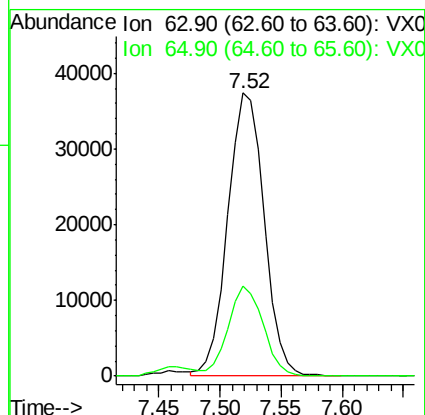
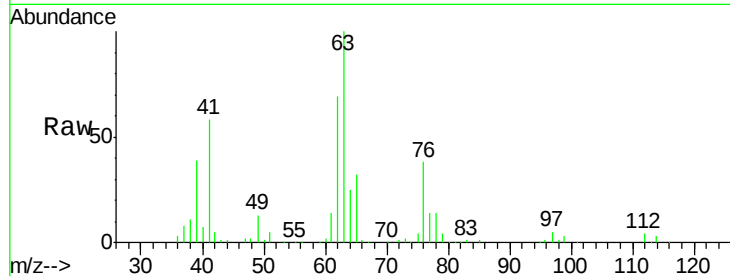
VX0711WBSD01

Tot Ion: 63 Resp: 76896

Ion Ratio Lower Upper

63 100

65 31.9 24.7 37.1



#46

Dibromomethane

Concen: 20.52 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

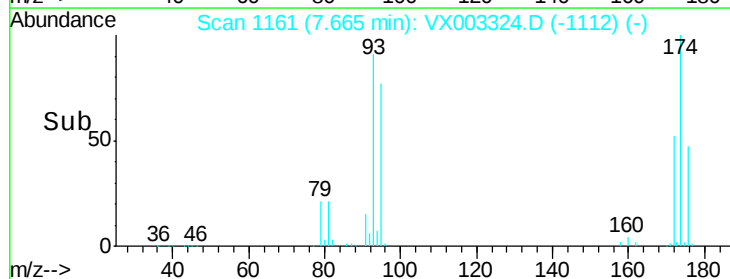
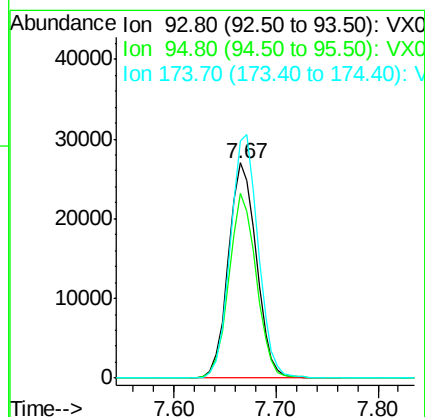
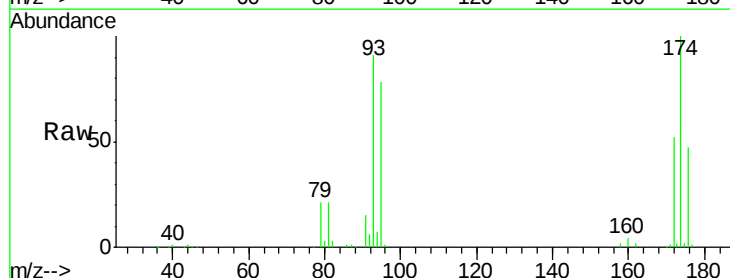
Tgt Ion: 93 Resp: 51191

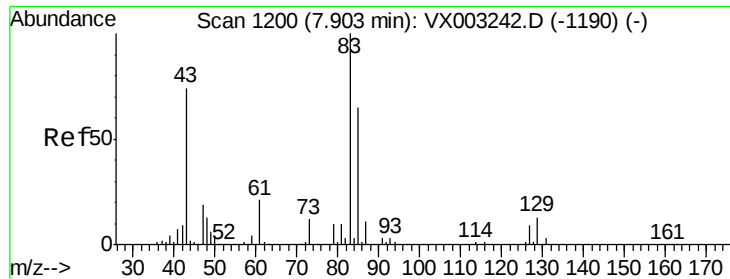
Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

174 112.4 92.4 138.6





#47

Bromodichloromethane

Concen: 20.28 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampled :

VX0711WBSD01

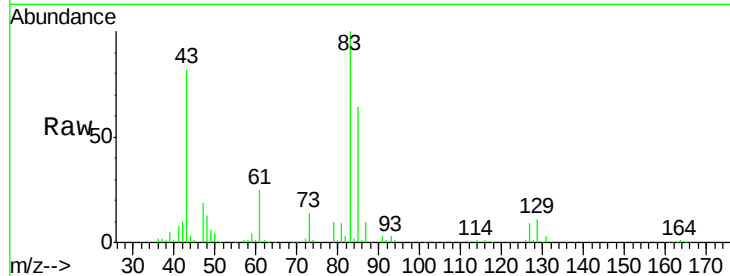
Tot Ion: 83 Resp: 93355

Ion Ratio Lower Upper

83 100

85 64.3 50.3 75.5

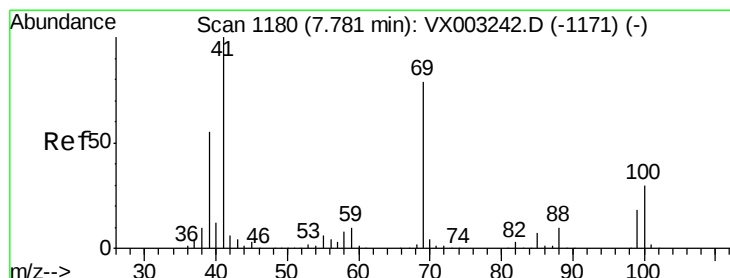
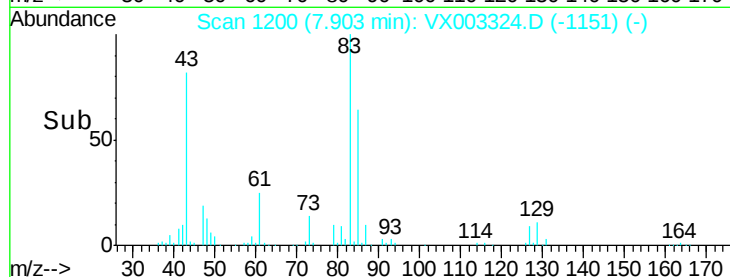
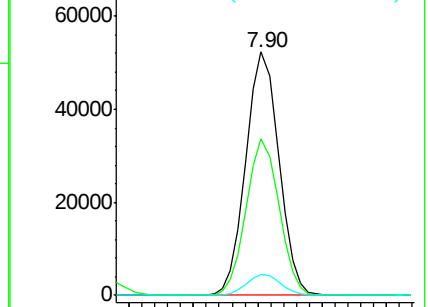
127 8.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.33 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

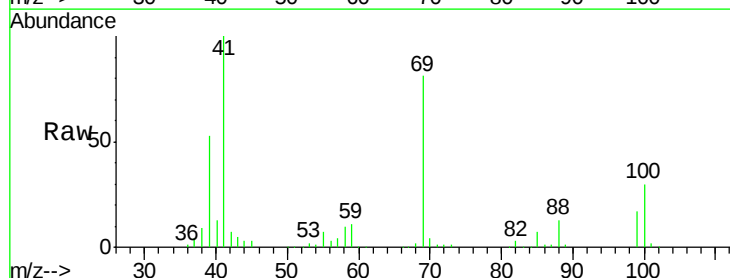
Tgt Ion: 41 Resp: 85283

Ion Ratio Lower Upper

41 100

69 85.5 59.1 88.7

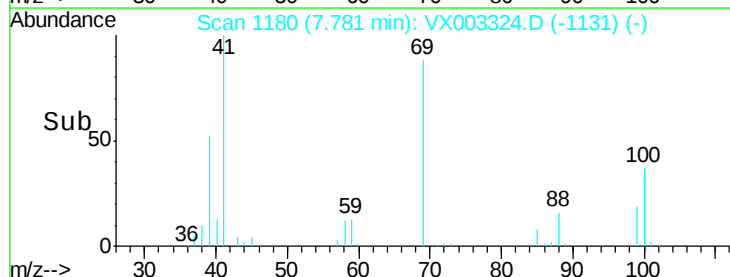
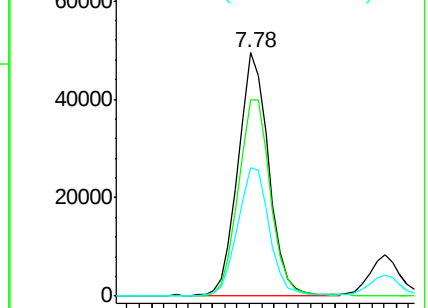
39 54.5 48.9 73.3

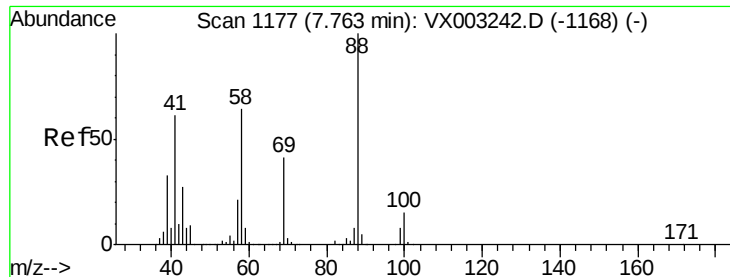


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 421.16 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD01

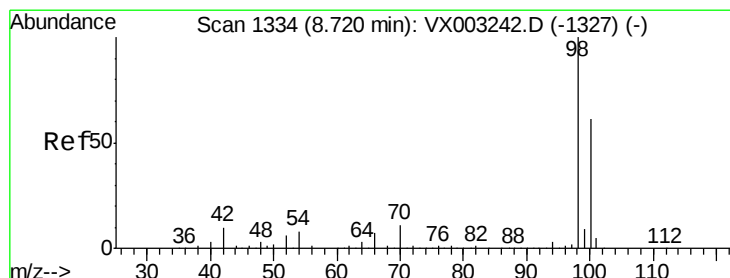
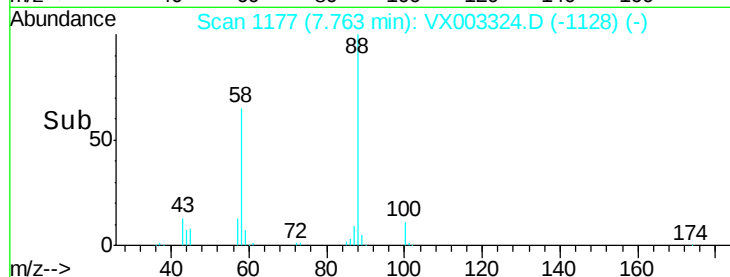
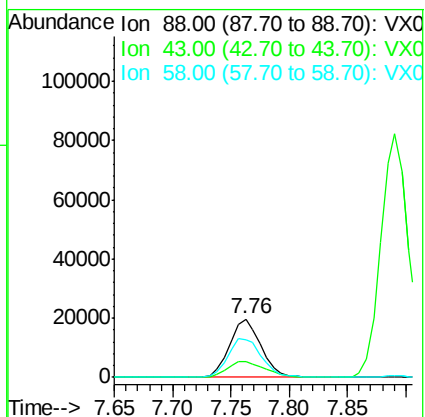
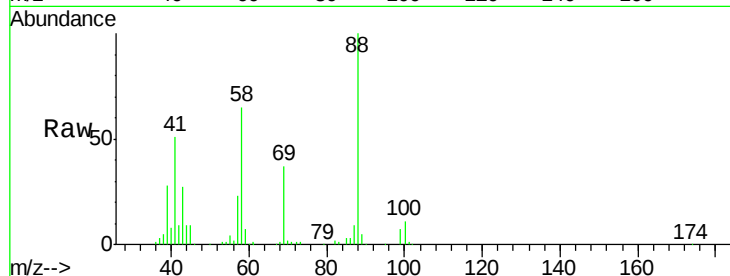
Tot Ion: 88 Resp: 36939

Ion Ratio Lower Upper

88 100

43 32.2 29.8 44.6

58 73.6 57.1 85.7



#50

Toluene-d8

Concen: 50.98 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003324.D

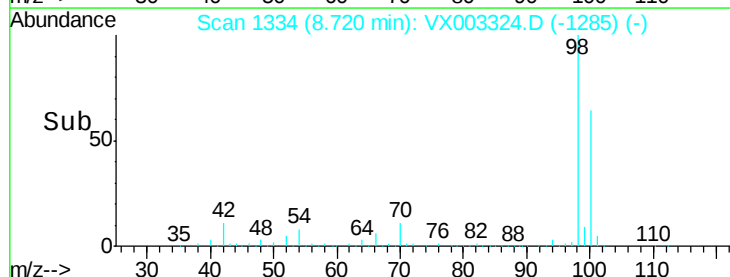
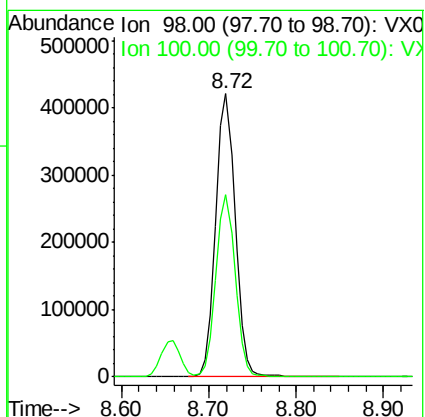
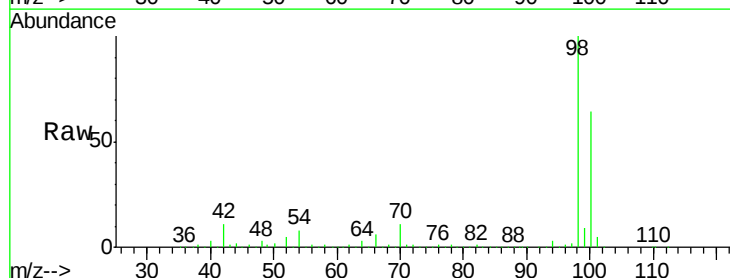
Acq: 11 Jul 2018 17:16

Tgt Ion: 98 Resp: 652934

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 110.49 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

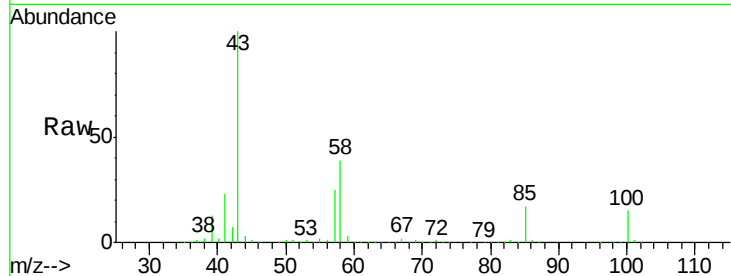
VX0711WBSD01

Tot Ion: 43 Resp: 562617

Ion Ratio Lower Upper

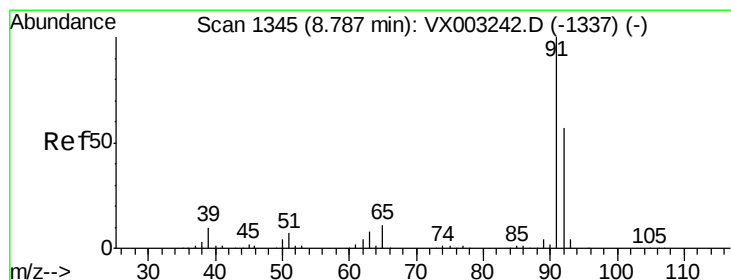
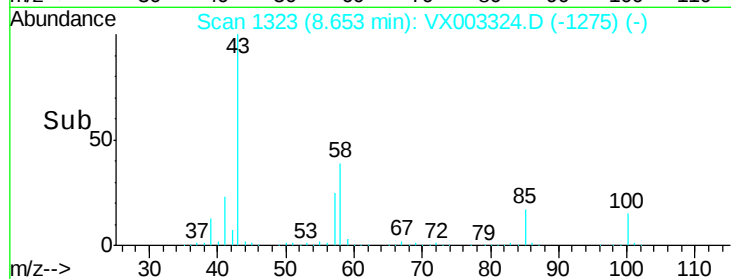
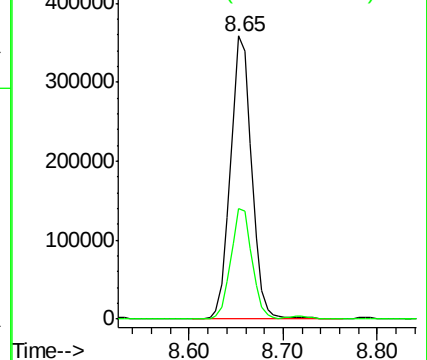
43 100

58 38.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.11 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003324.D

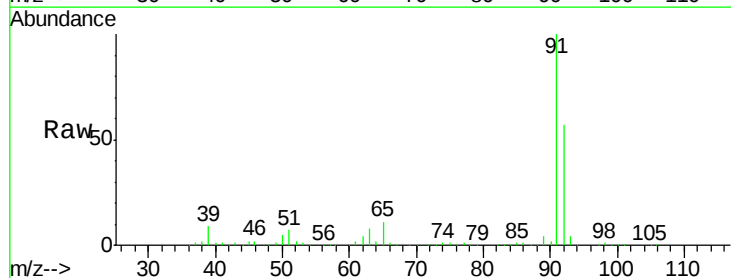
Acq: 11 Jul 2018 17:16

Tgt Ion: 92 Resp: 187853

Ion Ratio Lower Upper

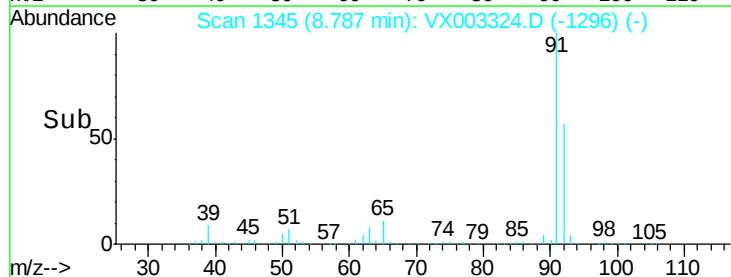
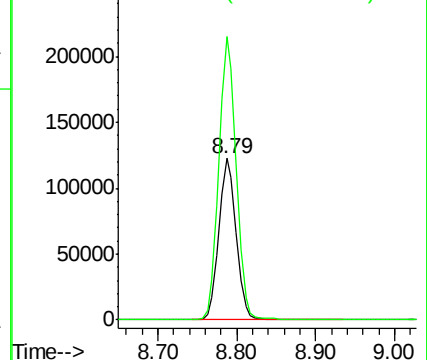
92 100

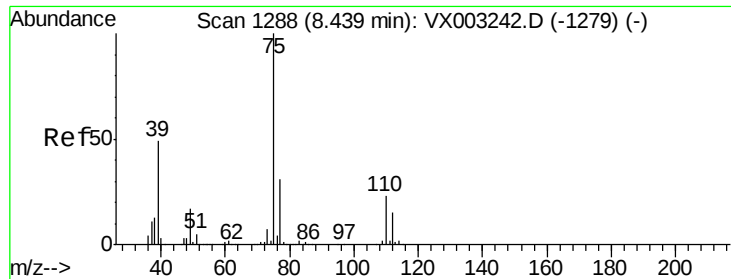
91 176.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.35 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

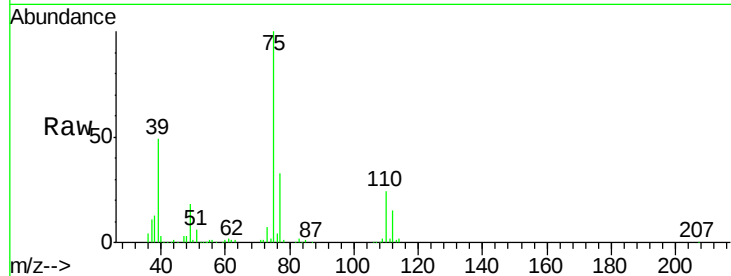
VX0711WBSD01

Tot Ion: 75 Resp: 110252

Ion Ratio Lower Upper

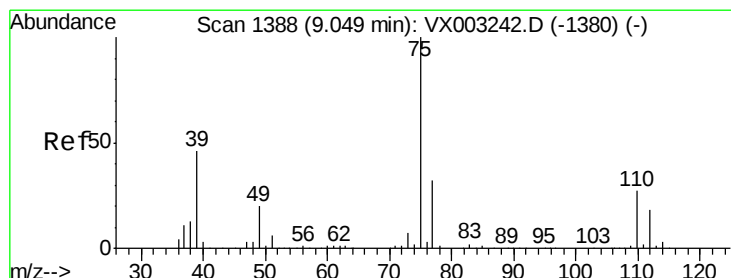
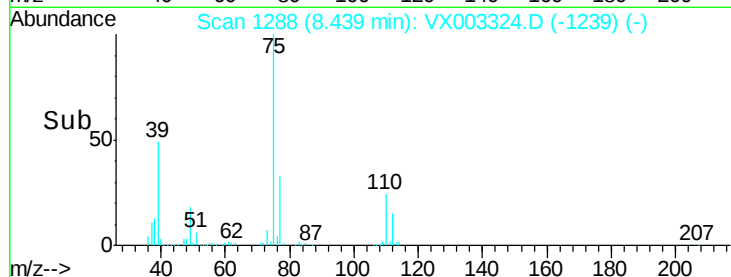
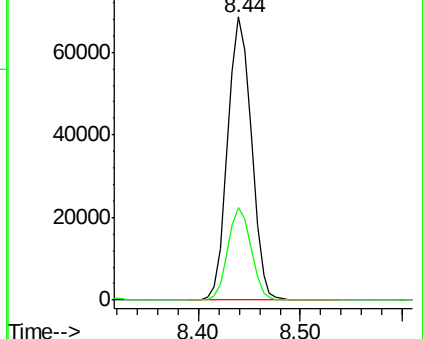
75 100

77 32.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.21 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

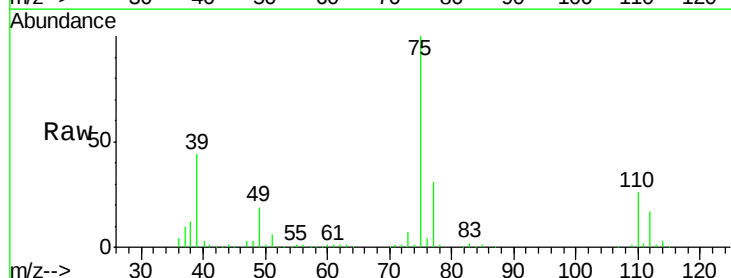
Tgt Ion: 75 Resp: 99647

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

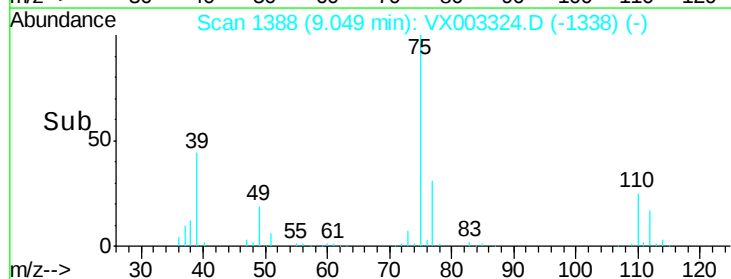
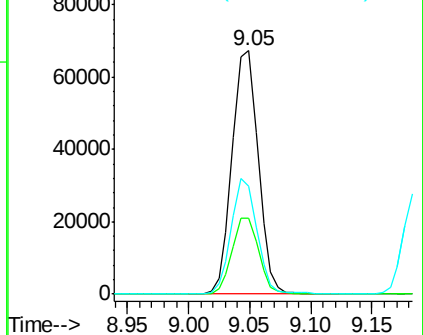
39 44.0 42.4 63.6

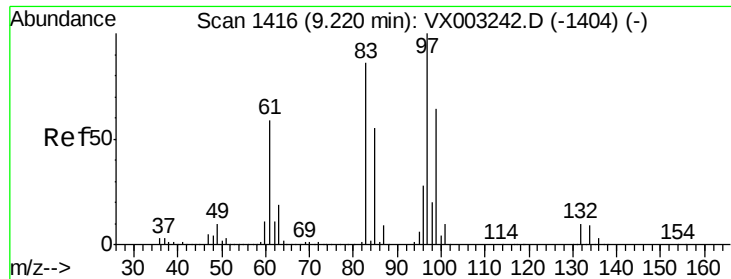


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.62 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD01

Tot Ion: 97 Resp: 76121

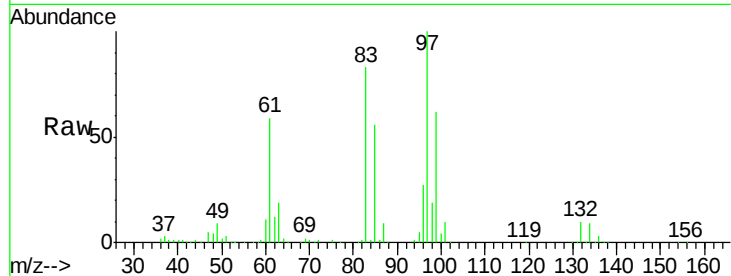
Ion Ratio Lower Upper

97 100

83 83.3 70.2 105.2

85 55.7 44.9 67.3

99 62.0 49.8 74.8

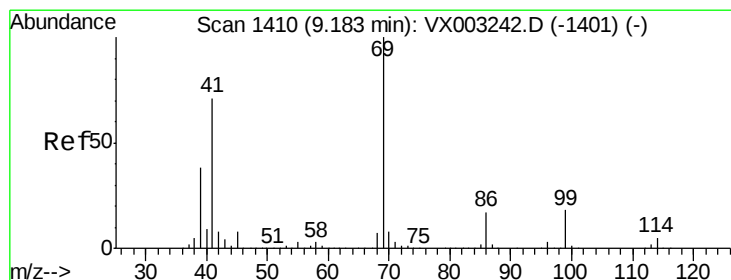
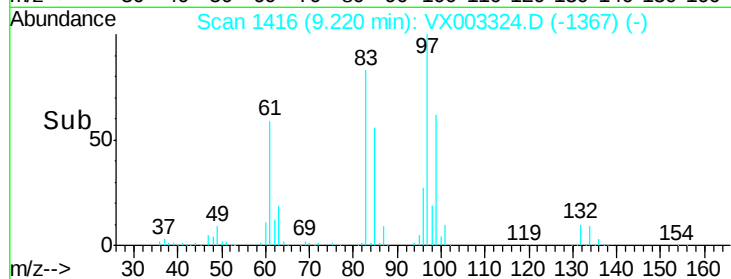
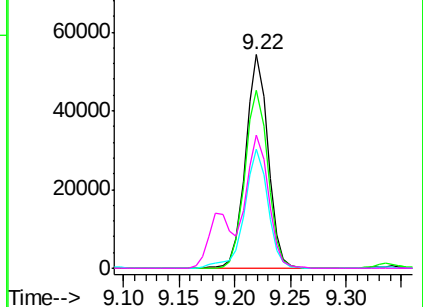


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 21.82 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

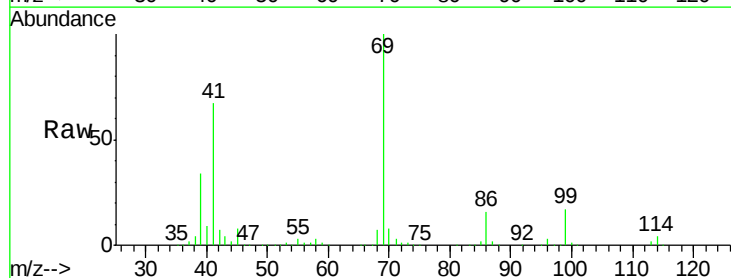
Tgt Ion: 69 Resp: 110361

Ion Ratio Lower Upper

69 100

41 66.0 60.3 90.5

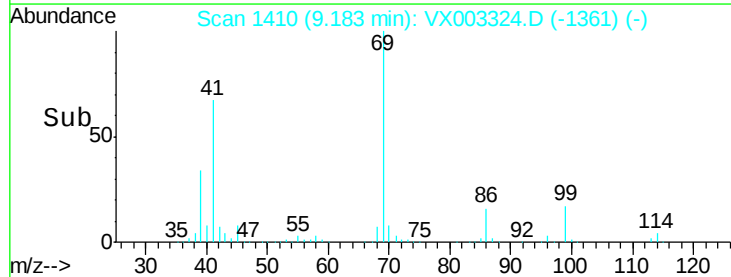
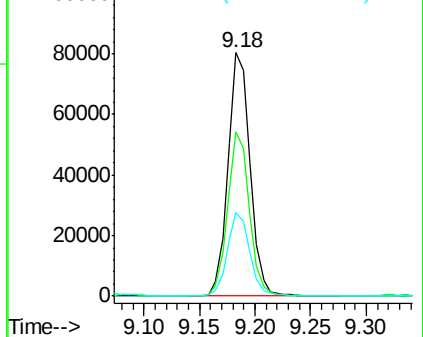
39 34.8 35.8 53.8#



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: 21.45 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

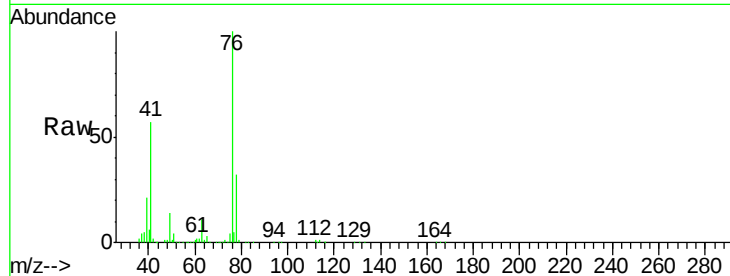
VX0711WBSD01

Tot Ion: 76 Resp: 127597

Ion Ratio Lower Upper

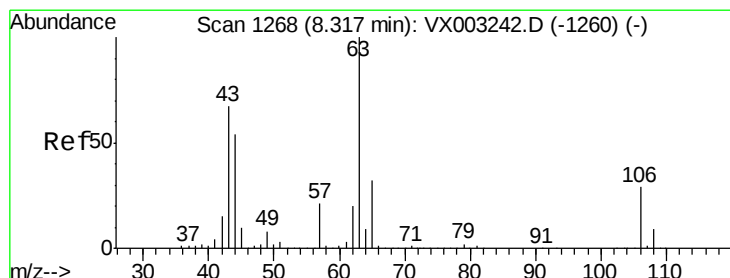
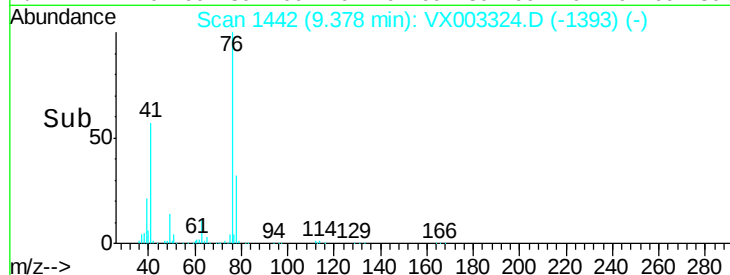
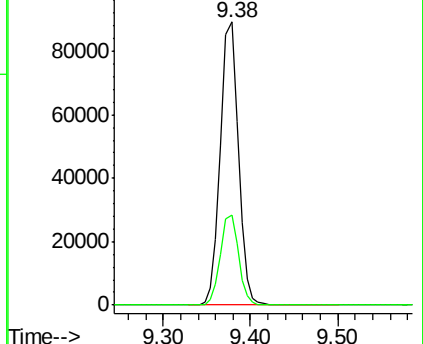
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 114.79 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003324.D

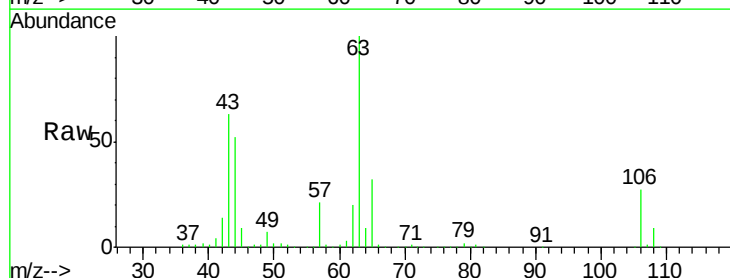
Acq: 11 Jul 2018 17:16

Tgt Ion: 63 Resp: 280025

Ion Ratio Lower Upper

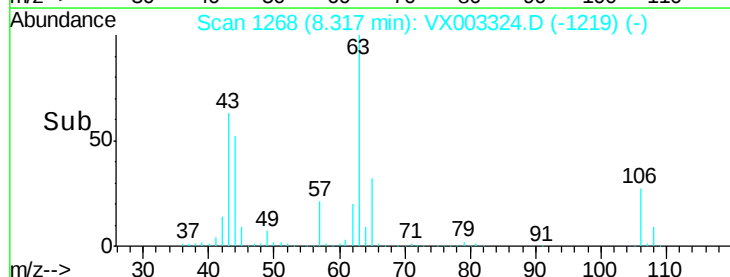
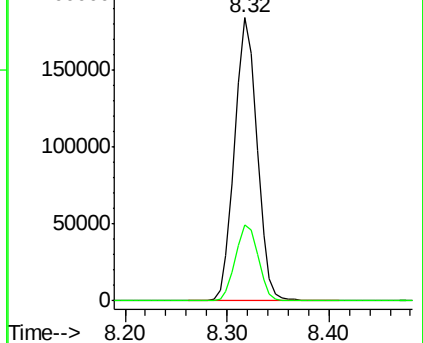
63 100

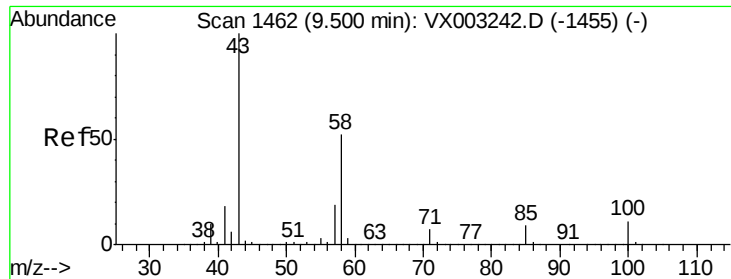
106 27.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

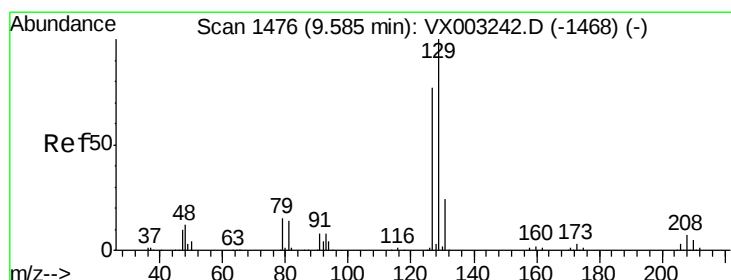
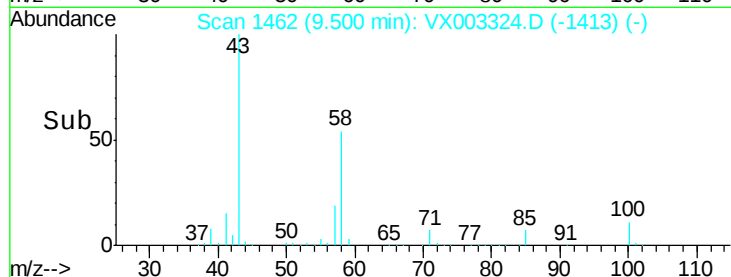
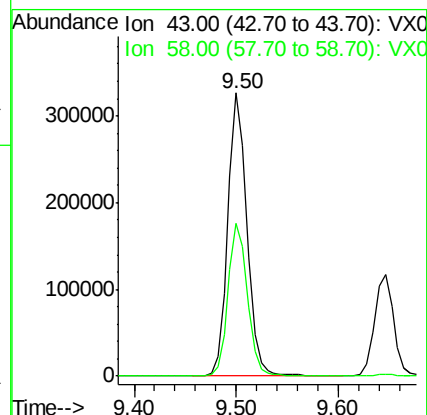
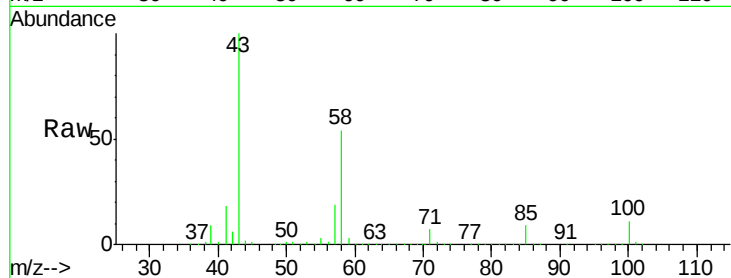




#59
2-Hexanone
Concen: 110.54 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

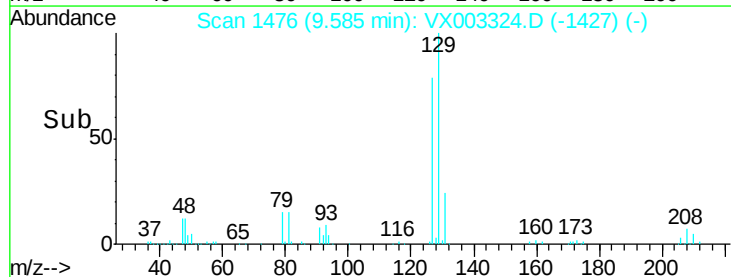
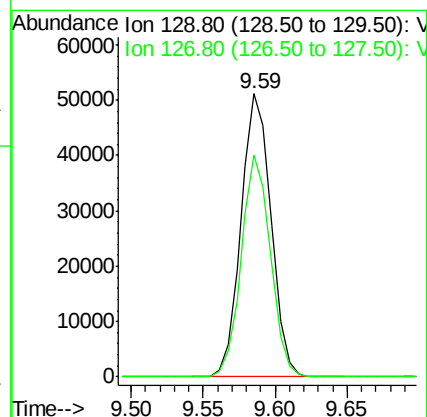
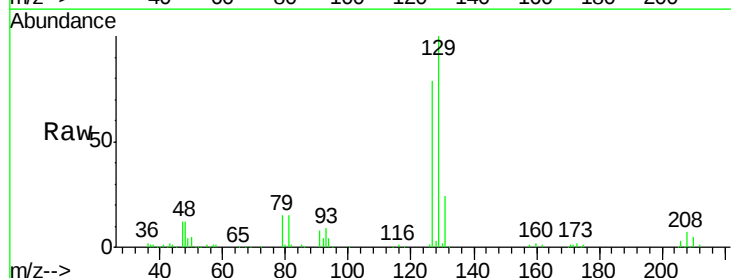
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD01

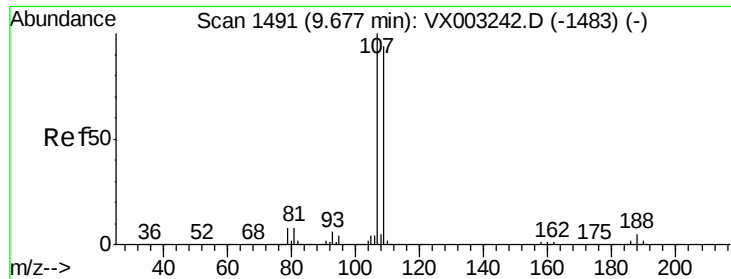
Tot Ion: 43 Resp: 427524
Ion Ratio Lower Upper
43 100
58 54.4 24.6 73.6



#60
Dibromochloromethane
Concen: 19.17 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion:129 Resp: 73920
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.31 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

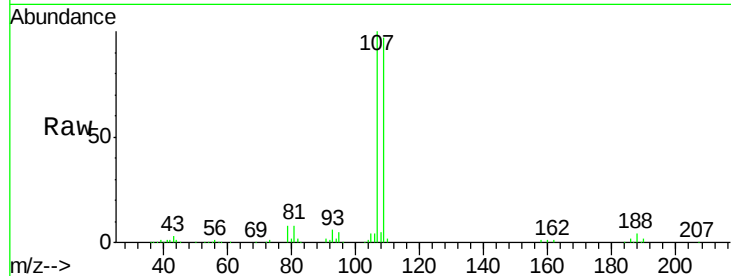
VX0711WBSD01

Tot Ion:107 Resp: 78583

Ion Ratio Lower Upper

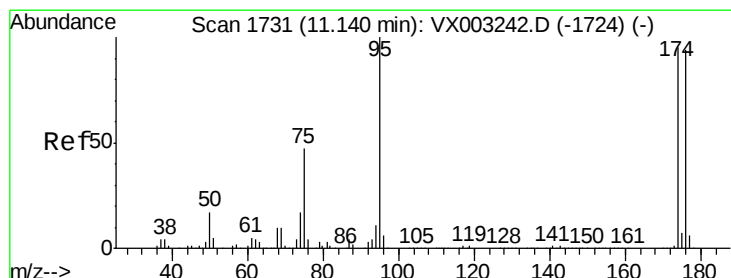
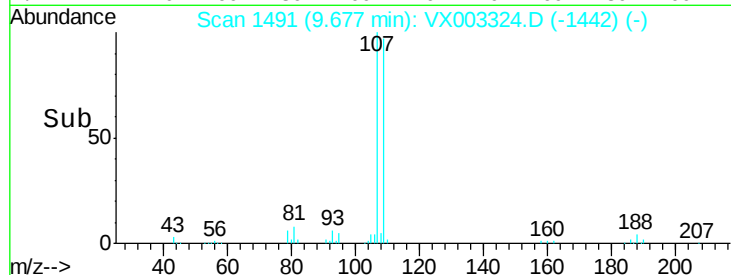
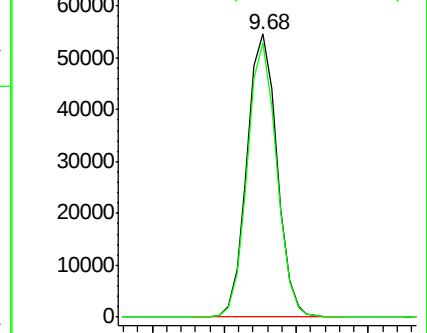
107 100

109 94.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

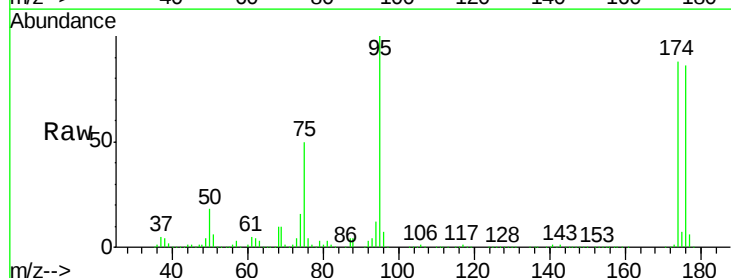
Tgt Ion: 95 Resp: 236229

Ion Ratio Lower Upper

95 100

174 90.9 0.0 187.4

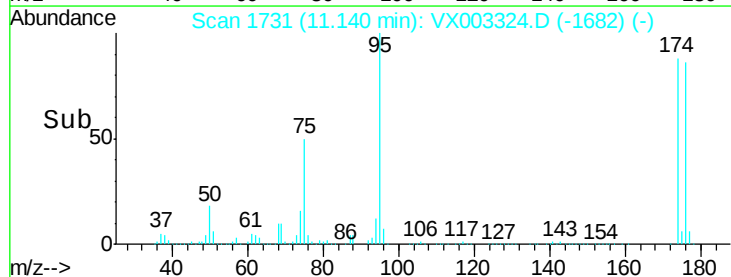
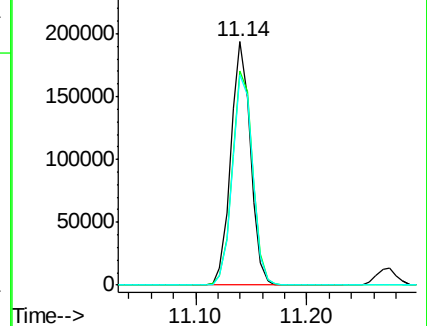
176 89.1 0.0 181.0

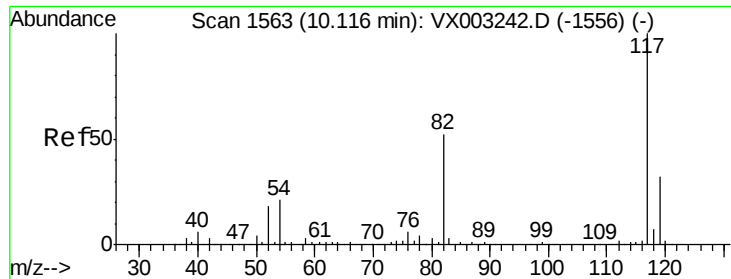


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

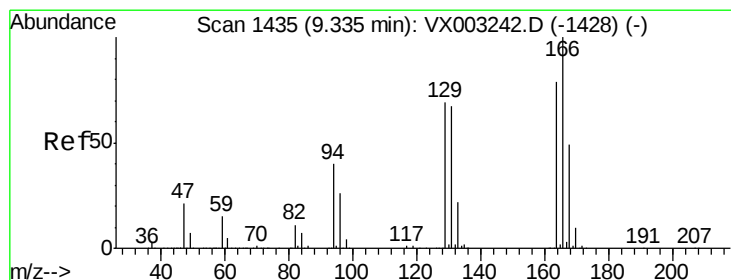
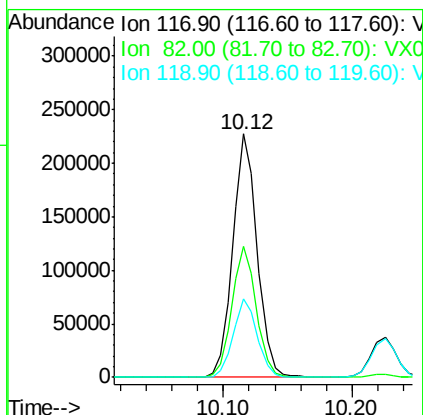
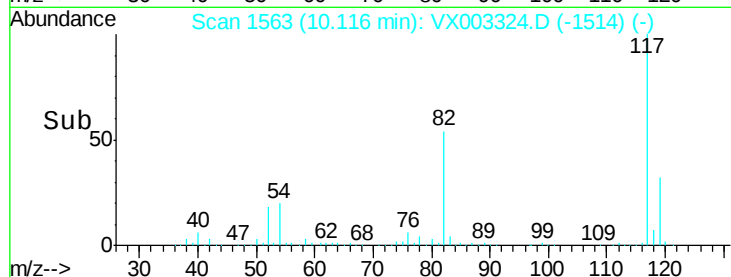
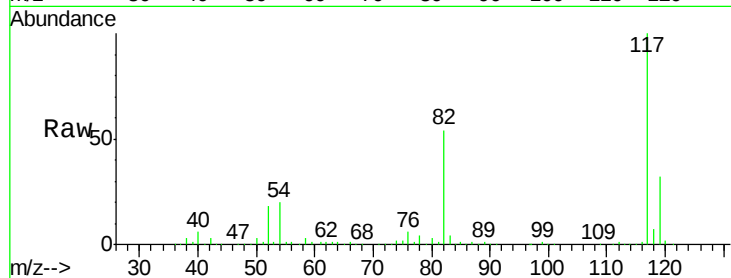




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

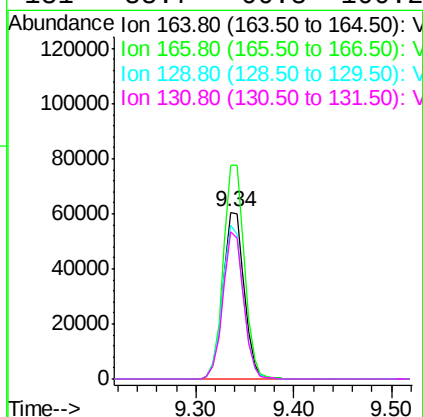
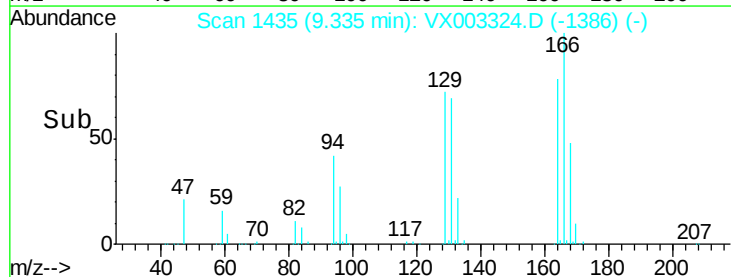
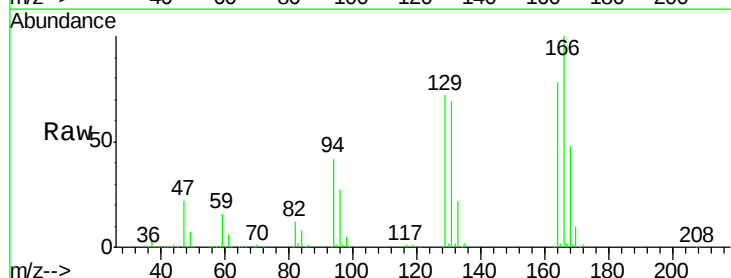
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD01

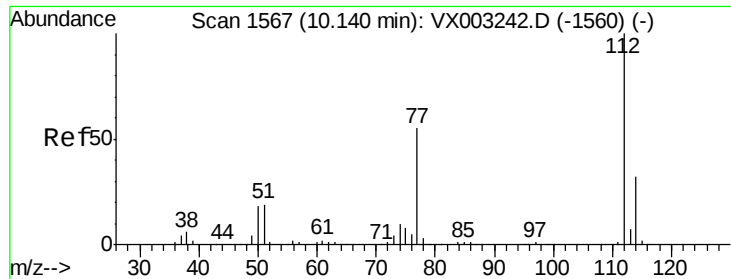
Tot Ion:117 Resp: 299461
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 20.01 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion:164 Resp: 90580
Ion Ratio Lower Upper
164 100
166 128.2 102.9 154.3
129 92.3 68.6 102.8
131 88.7 66.8 100.2

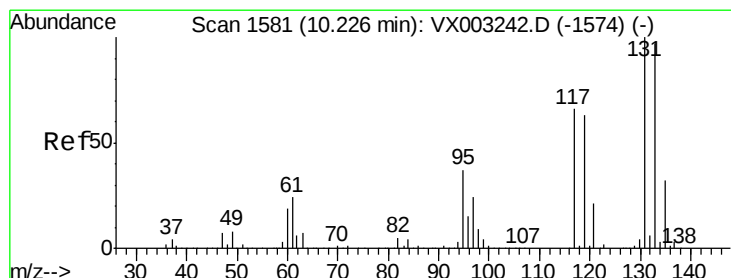
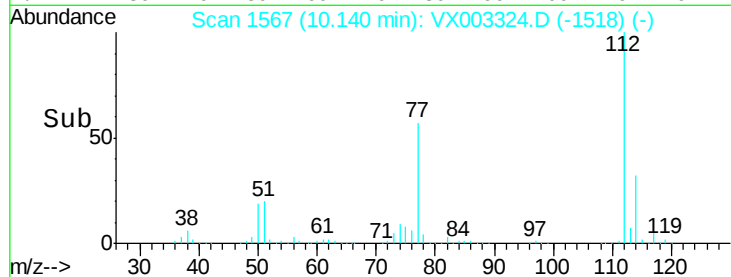
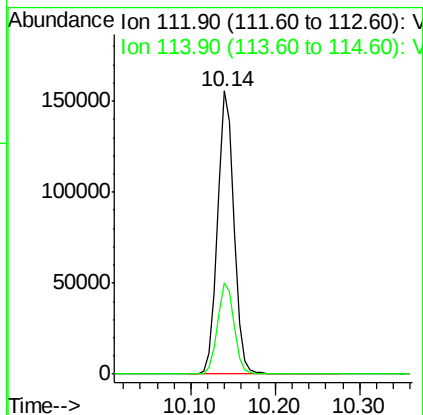
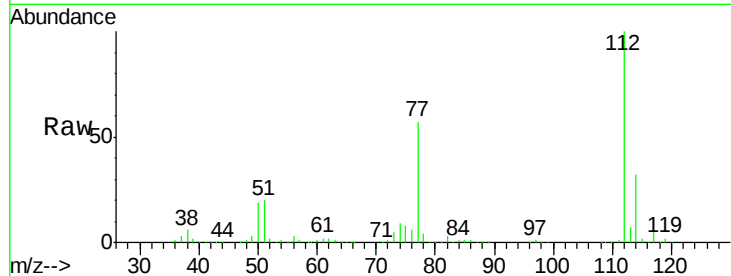




#65
Chlorobenzene
Concen: 20.67 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

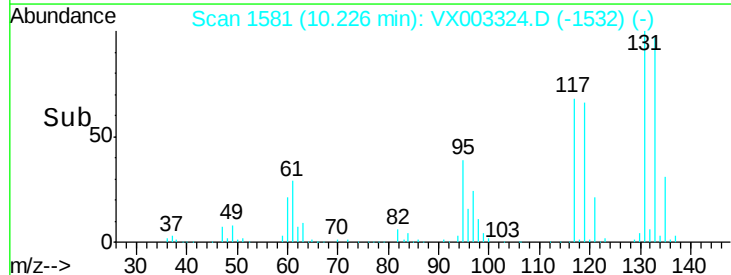
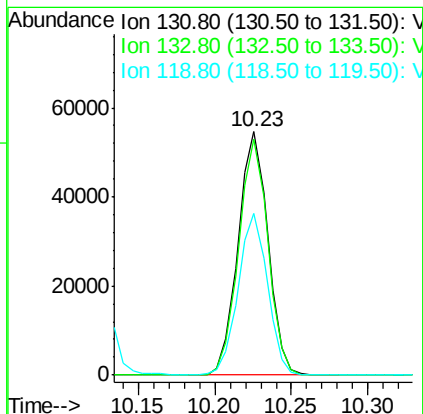
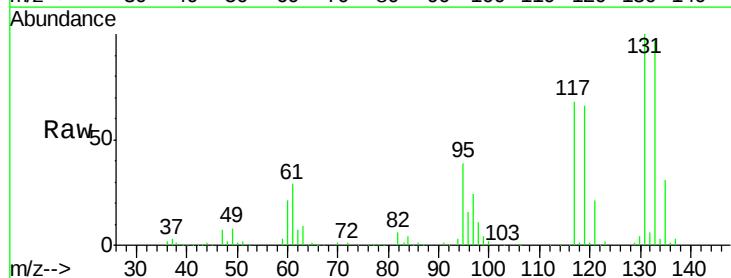
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD01

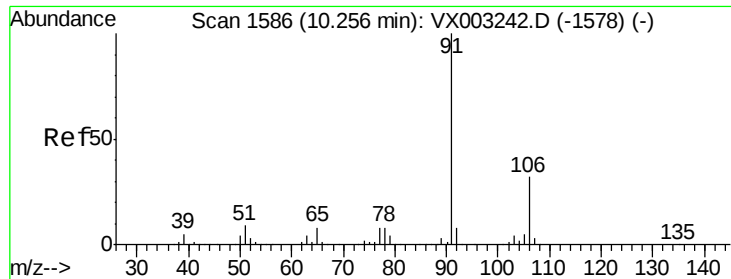
Tot Ion:112 Resp: 210274
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.08 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion:131 Resp: 73710
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 65.9 31.8 95.3

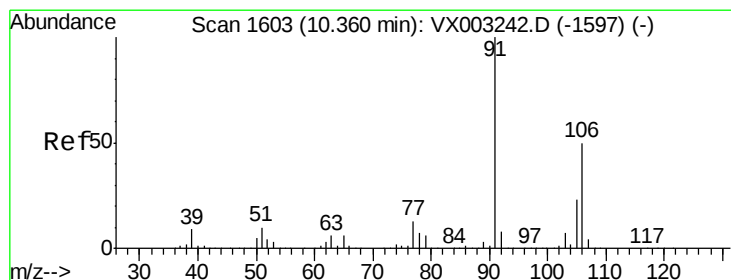
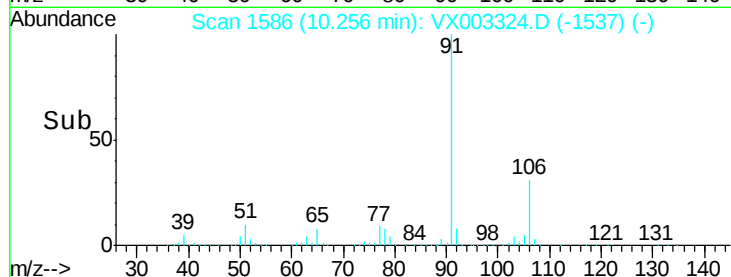
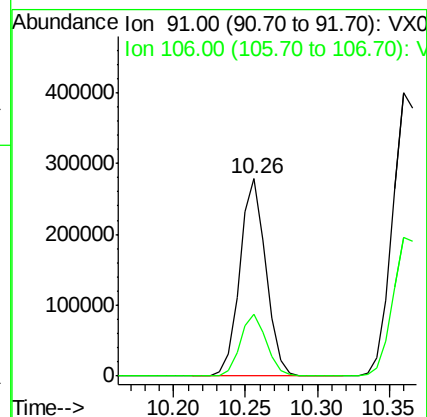
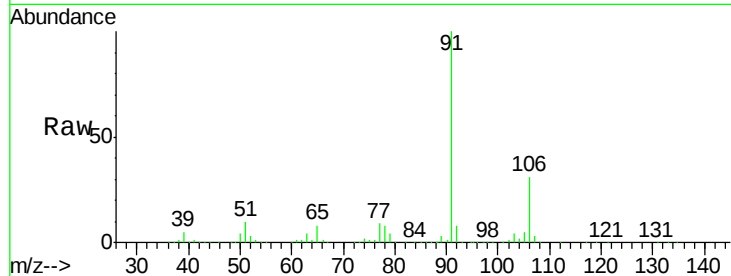




#67
Ethyl Benzene
Concen: 21.45 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

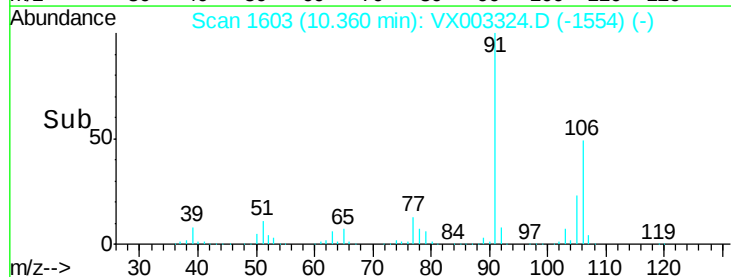
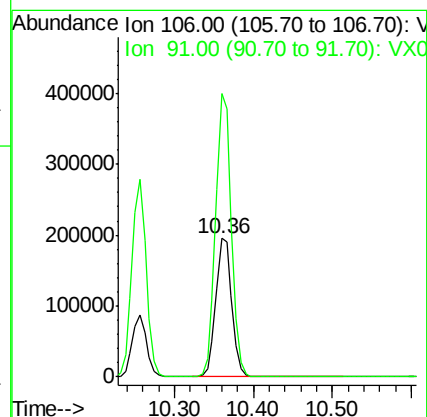
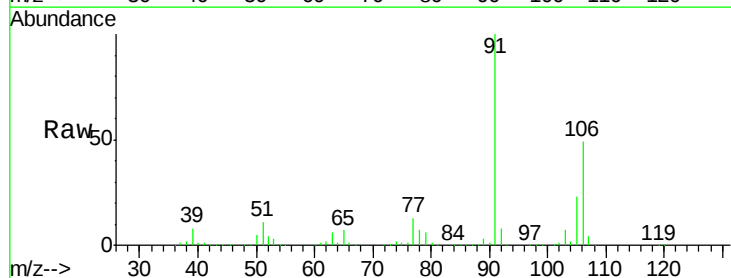
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD01

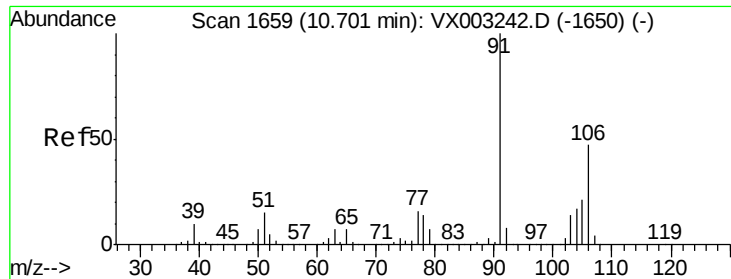
Tot Ion: 91 Resp: 353030
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 42.99 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion:106 Resp: 275165
Ion Ratio Lower Upper
106 100
91 200.7 163.4 245.2

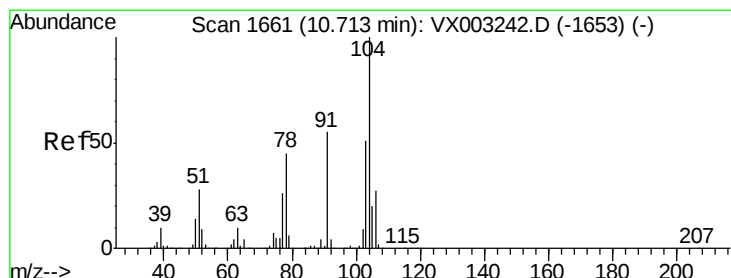
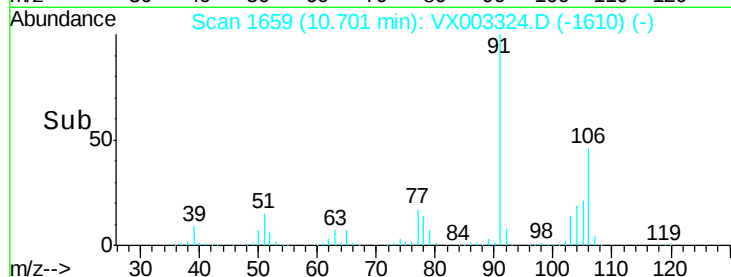
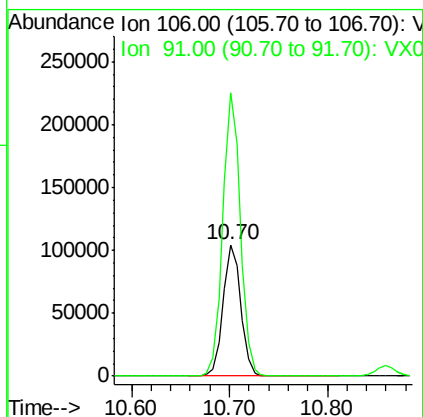
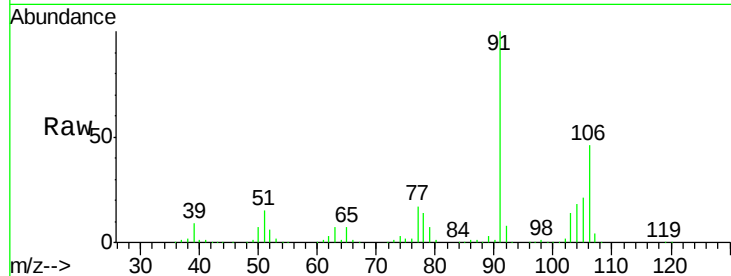




#69
o-Xylene
Concen: 21.10 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

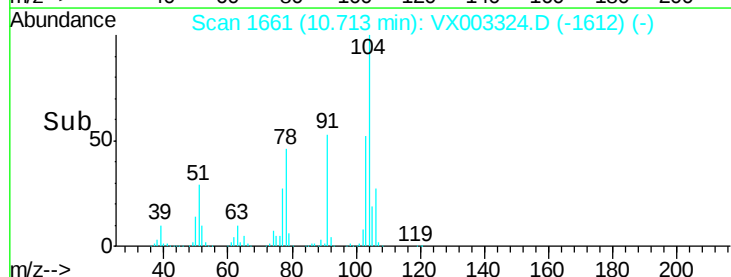
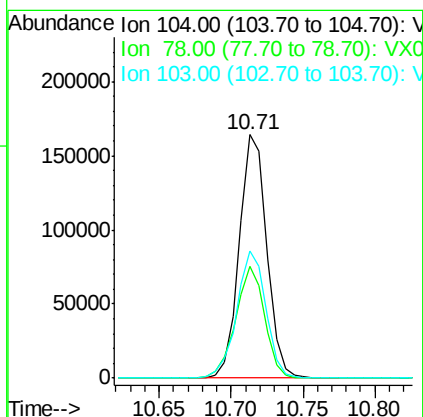
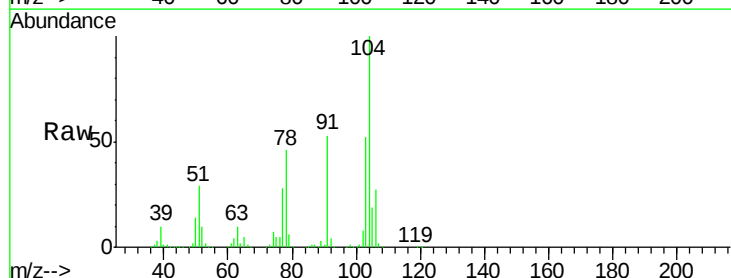
Instrument :
MSVOA_X
ClientSampled :
VX0711WBSD01

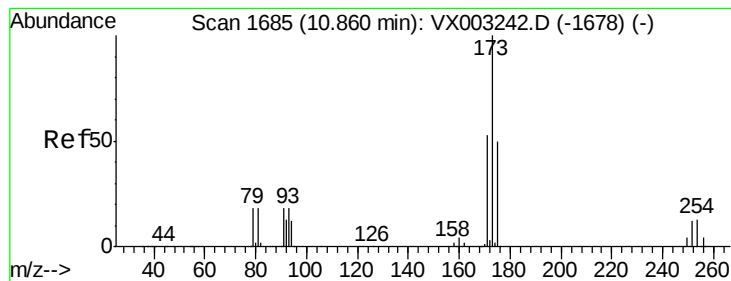
Tot Ion:106 Resp: 130879
Ion Ratio Lower Upper
106 100
91 215.2 108.2 324.6



#70
Styrene
Concen: 21.63 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion:104 Resp: 217531
Ion Ratio Lower Upper
104 100
78 48.8 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 18.23 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD01

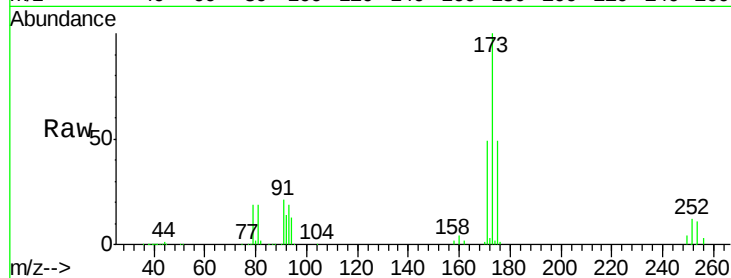
Tot Ion:173 Resp: 55058

Ion Ratio Lower Upper

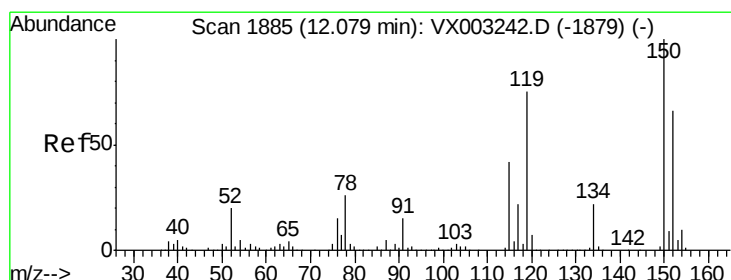
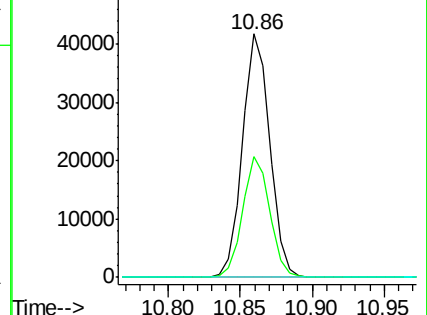
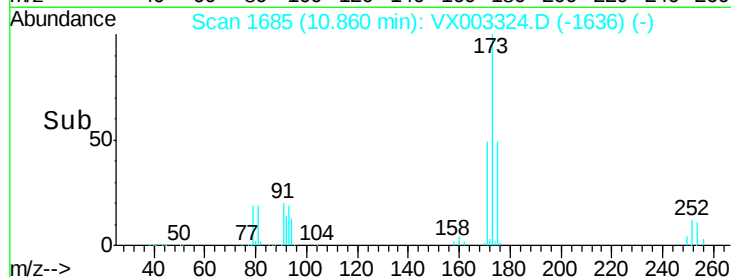
173 100

175 48.9 24.7 74.1

254 0.0 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: 12.08 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

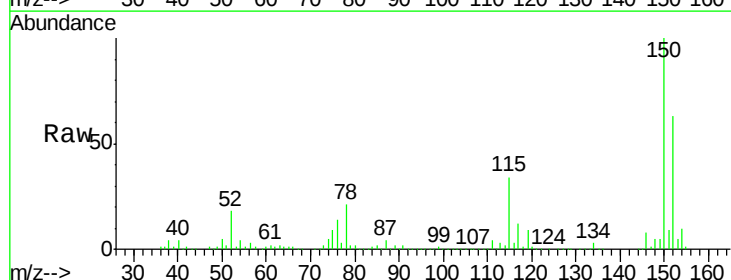
Tgt Ion:152 Resp: 198105

Ion Ratio Lower Upper

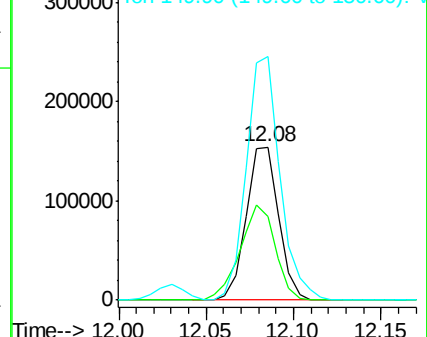
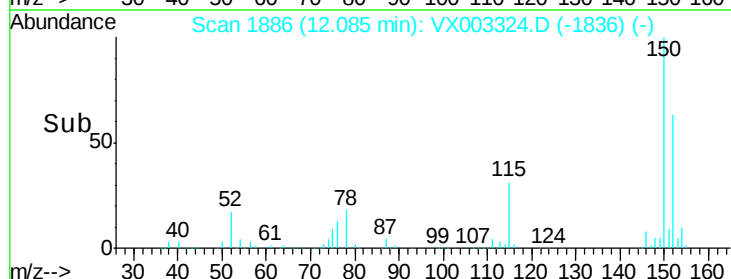
152 100

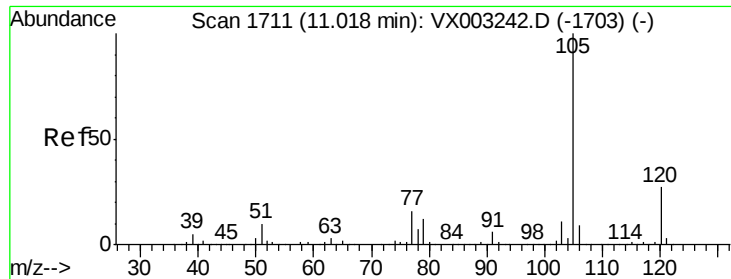
115 67.5 40.1 120.2

150 165.6 0.0 347.2



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: 22.97 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

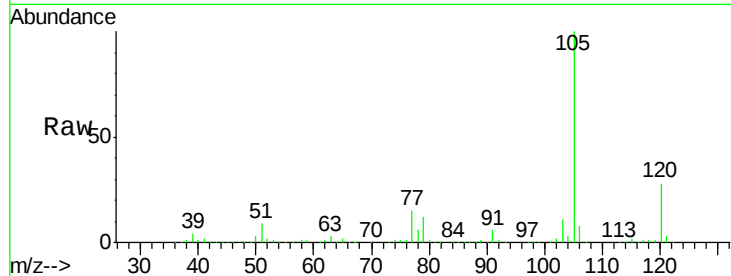
VX0711WBSD01

Tot Ion:105 Resp: 359311

Ion Ratio Lower Upper

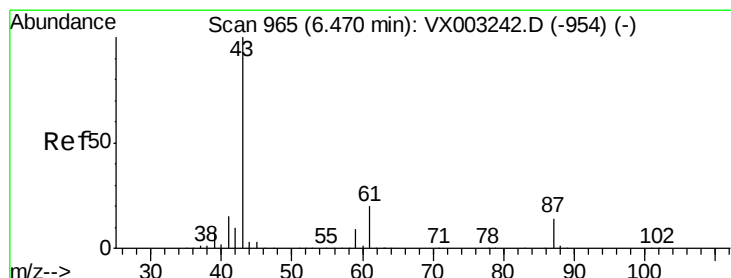
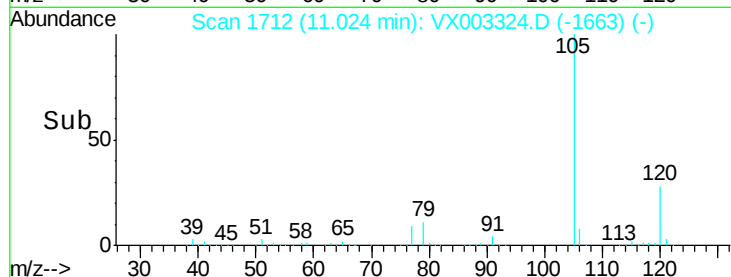
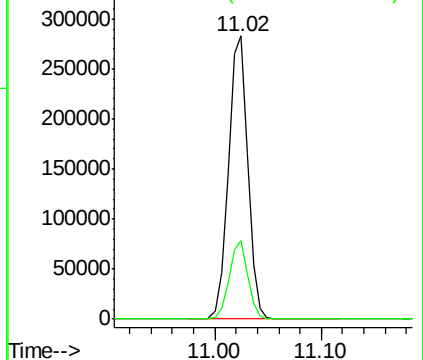
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.42 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Tgt Ion: 43 Resp: 167287

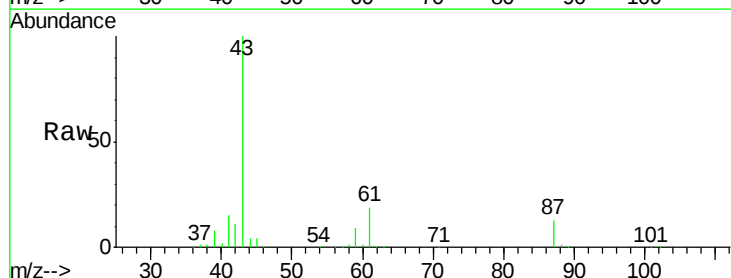
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.1 14.4 21.6

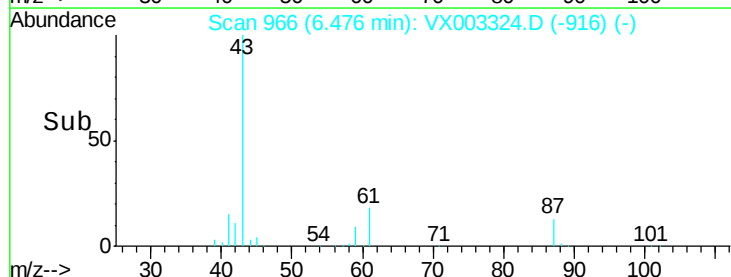
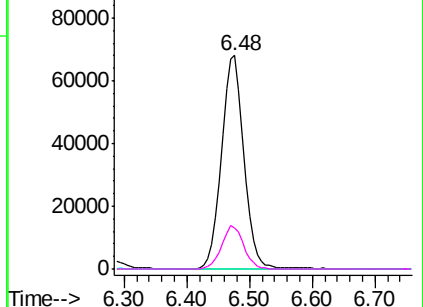


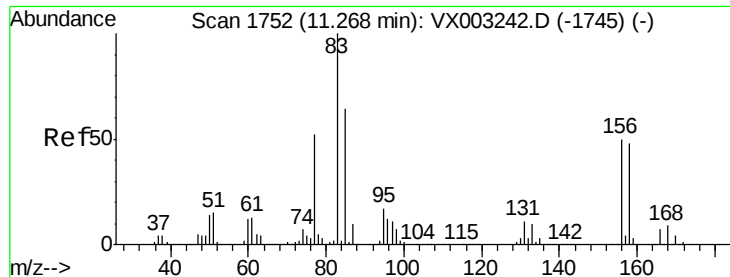
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.44 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD01

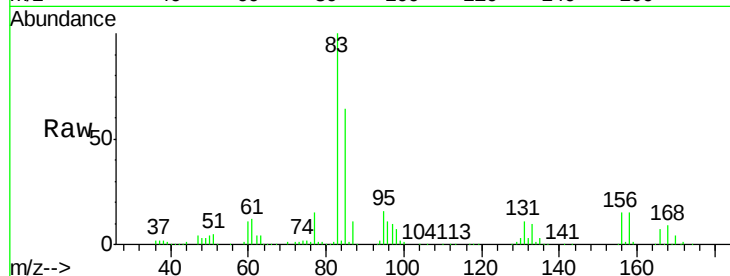
Tot Ion: 83 Resp: 113709

Ion Ratio Lower Upper

83 100

131 10.5 5.6 16.8

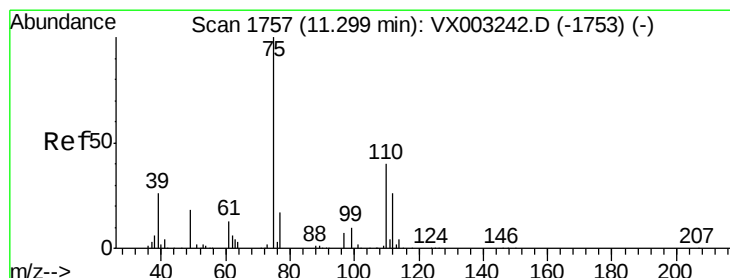
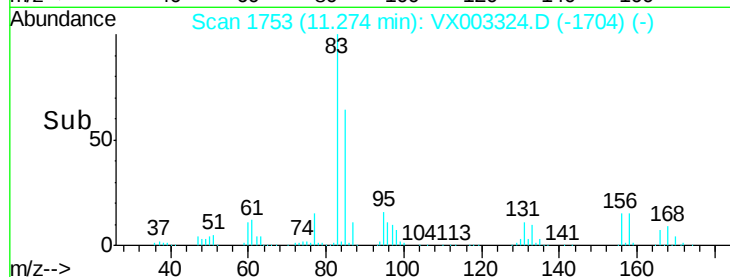
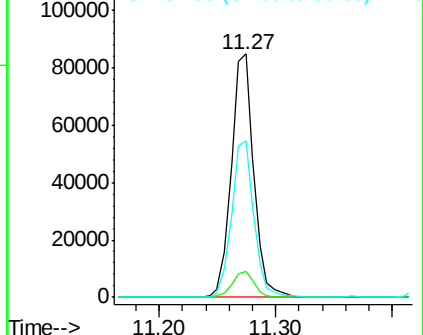
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 29.77 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003324.D

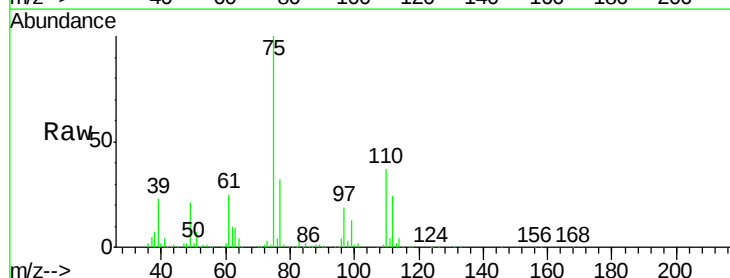
Acq: 11 Jul 2018 17:16

Tgt Ion: 75 Resp: 127462

Ion Ratio Lower Upper

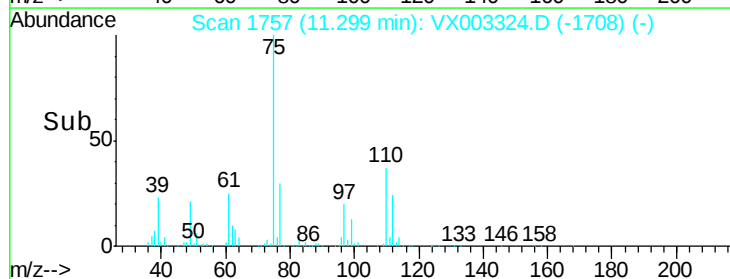
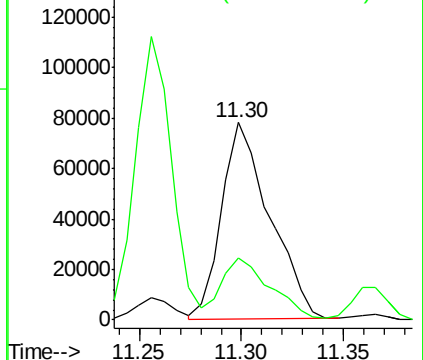
75 100

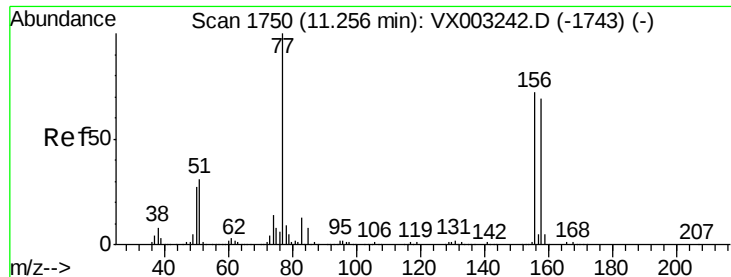
77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.16 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD01

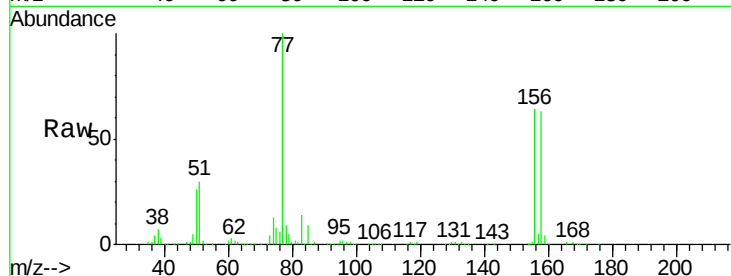
Tot Ion:156 Resp: 95571

Ion Ratio Lower Upper

156 100

77 145.9 71.4 214.2

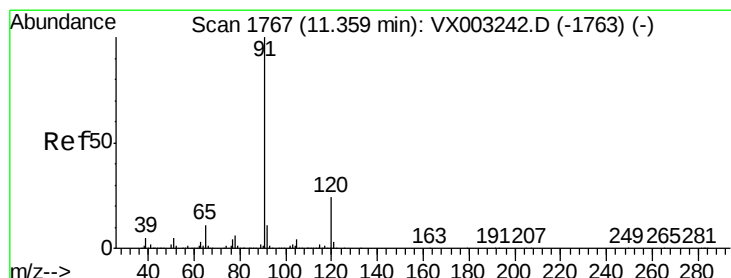
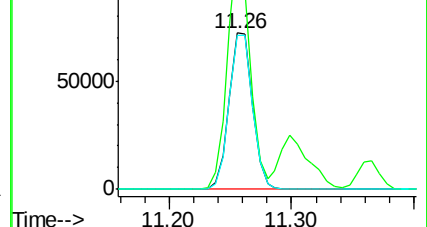
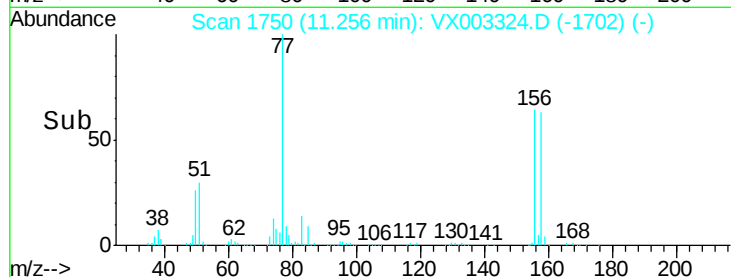
158 98.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 23.51 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003324.D

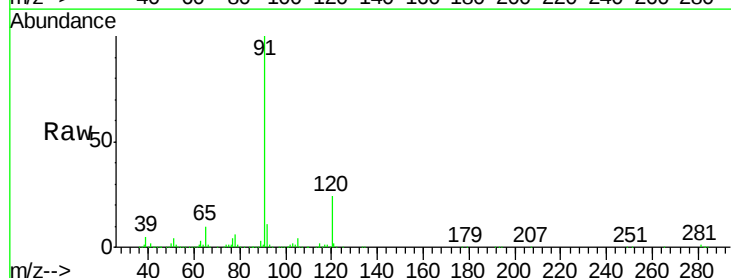
Acq: 11 Jul 2018 17:16

Tgt Ion: 91 Resp: 408837

Ion Ratio Lower Upper

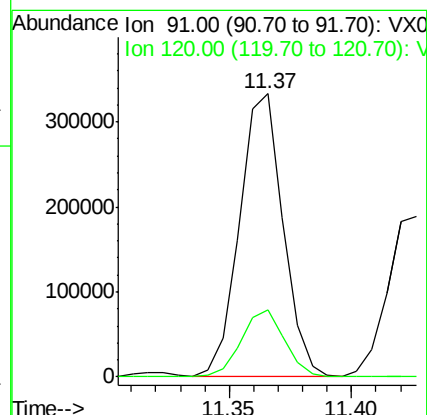
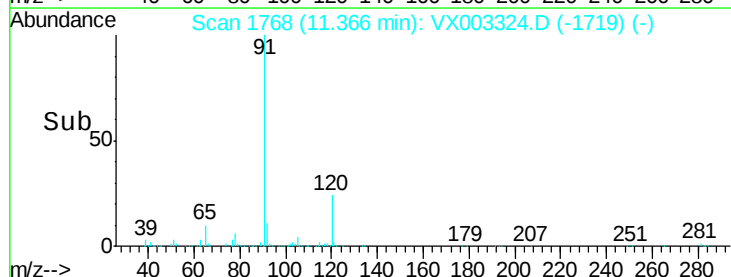
91 100

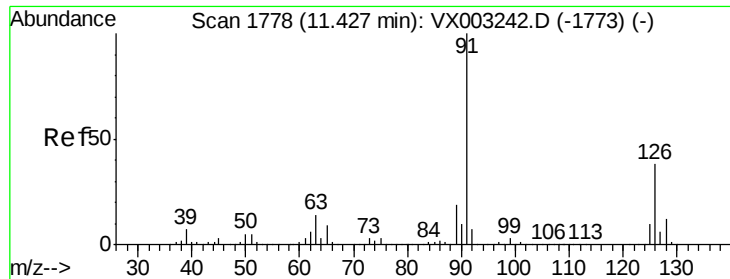
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.00 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

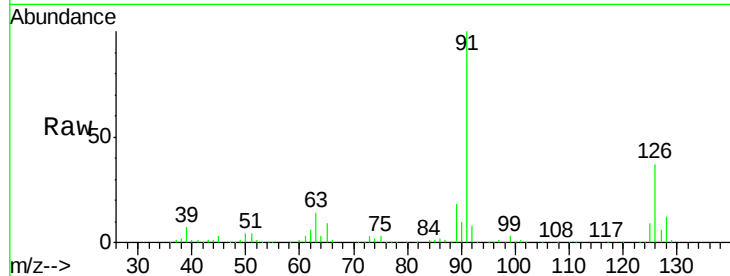
VX0711WBSD01

Tot Ion: 91 Resp: 243721

Ion Ratio Lower Upper

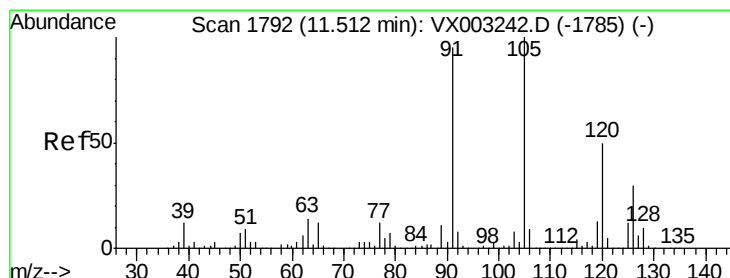
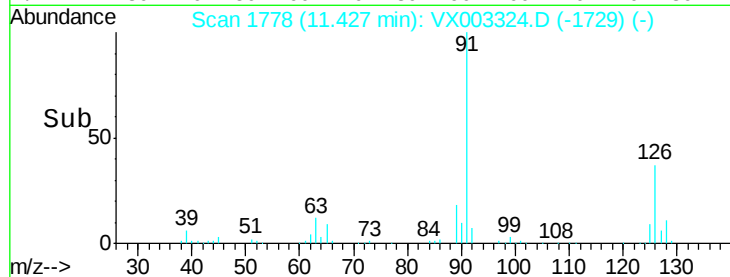
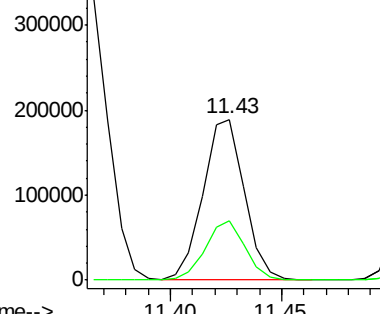
91 100

126 35.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.90 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003324.D

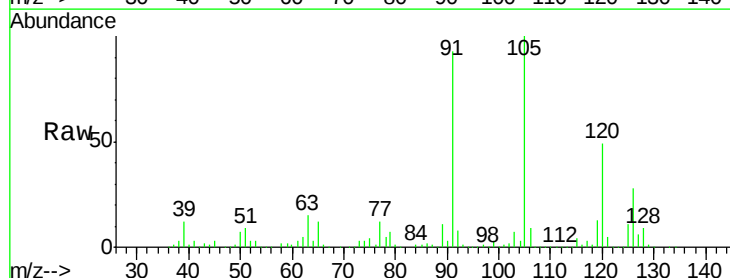
Acq: 11 Jul 2018 17:16

Tgt Ion:105 Resp: 298238

Ion Ratio Lower Upper

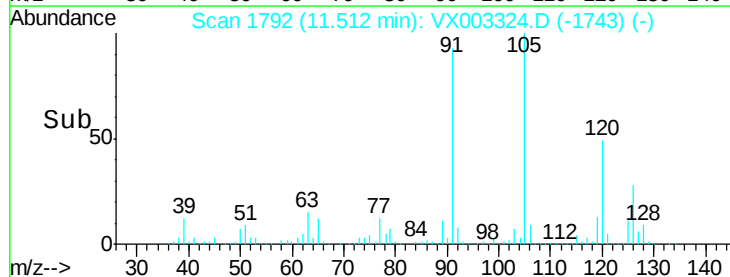
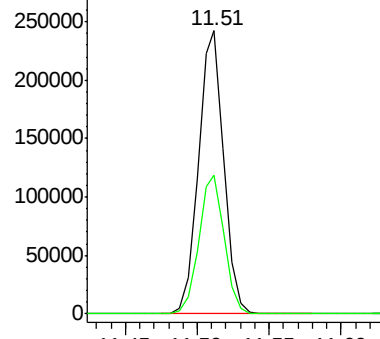
105 100

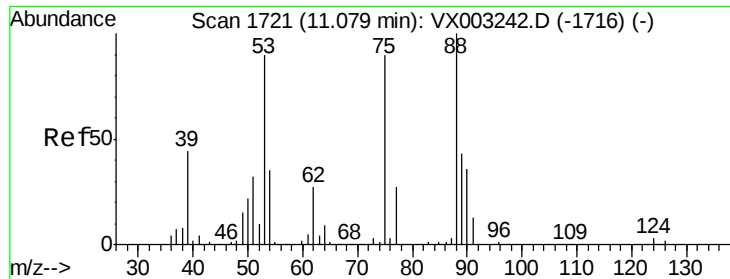
120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.84 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD01

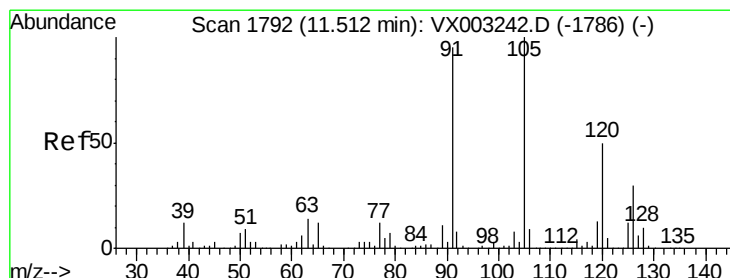
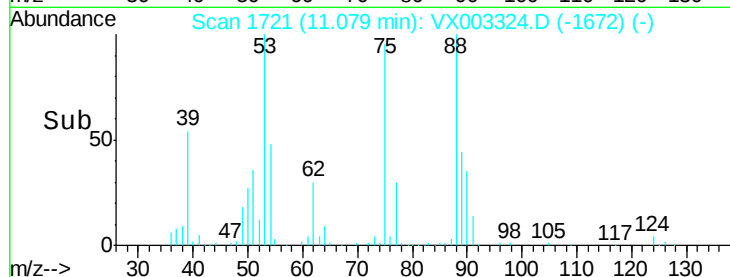
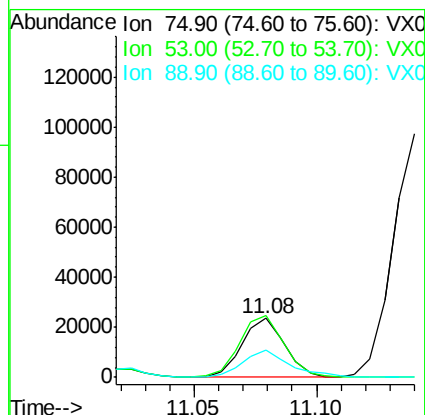
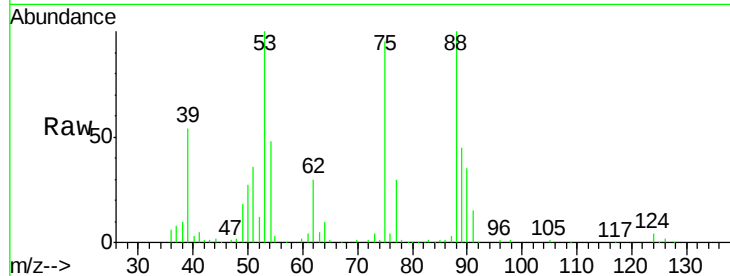
Tot Ion: 75 Resp: 28612

Ion Ratio Lower Upper

75 100

53 108.1 86.8 130.2

89 52.3 38.2 57.2



#82

4-Chlorotoluene

Concen: 22.91 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003324.D

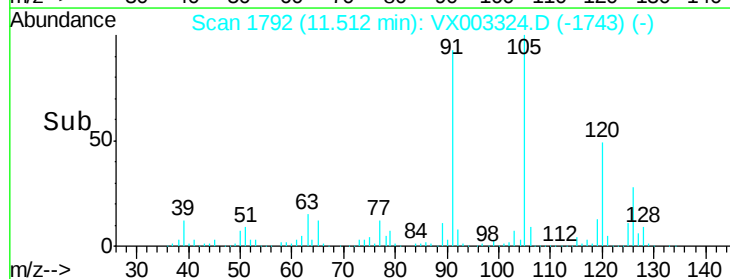
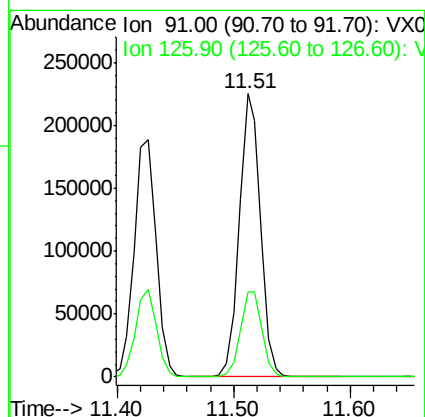
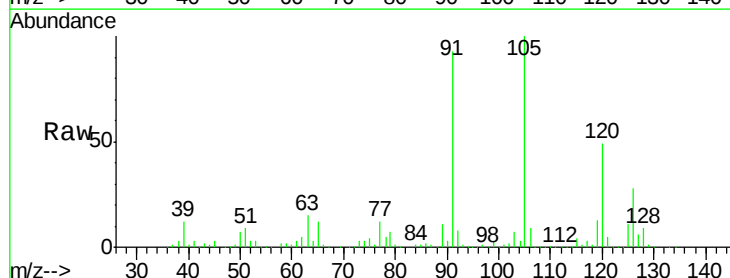
Acq: 11 Jul 2018 17:16

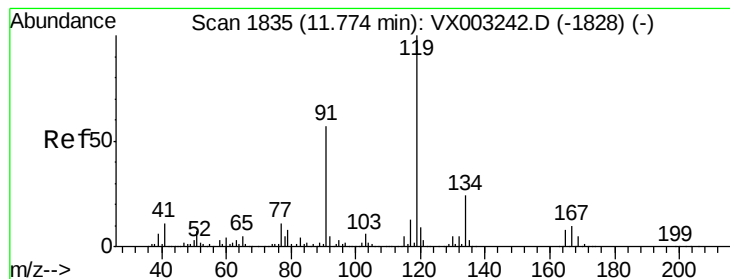
Tgt Ion: 91 Resp: 283440

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.4





#83

tert-Butylbenzene

Concen: 22.12 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD01

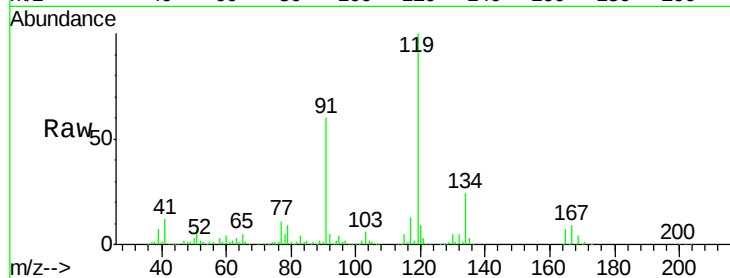
Tot Ion:119 Resp: 287797

Ion Ratio Lower Upper

119 100

91 58.3 30.3 90.9

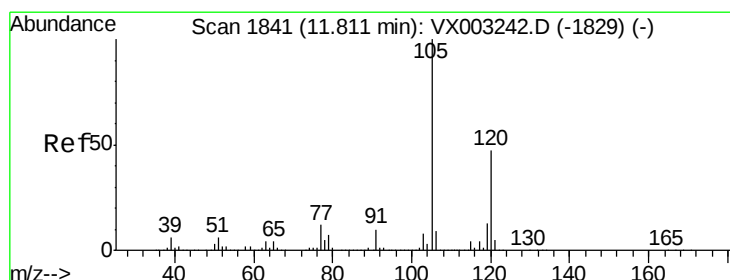
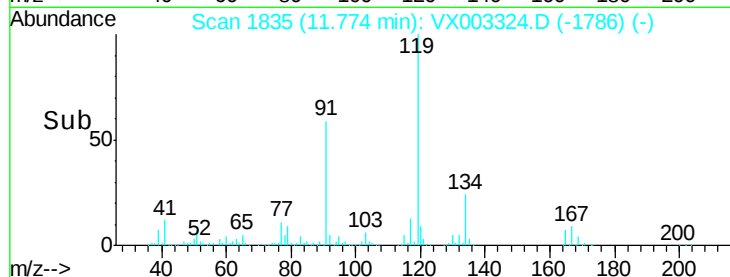
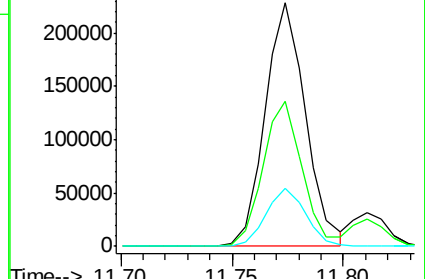
134 23.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.94 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003324.D

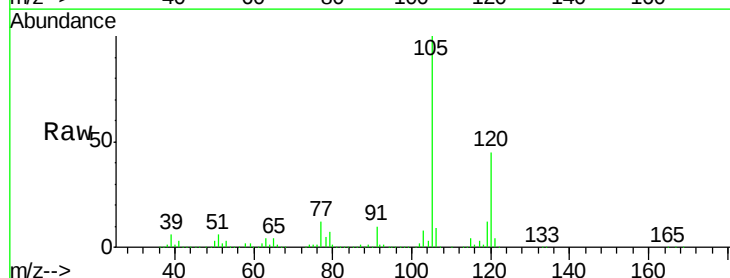
Acq: 11 Jul 2018 17:16

Tgt Ion:105 Resp: 305934

Ion Ratio Lower Upper

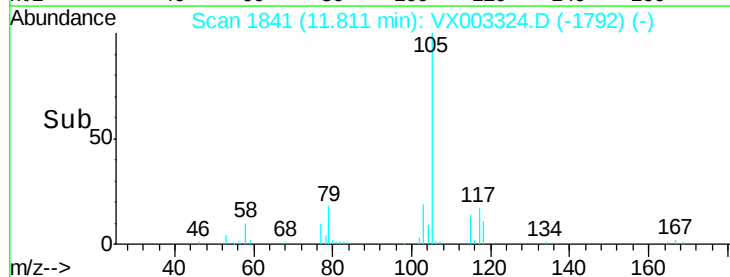
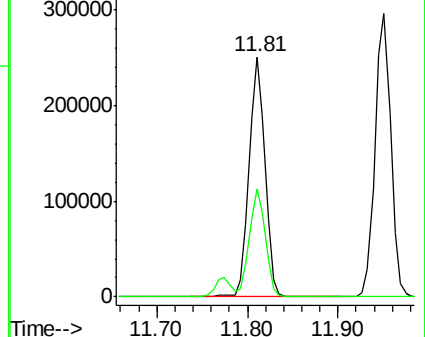
105 100

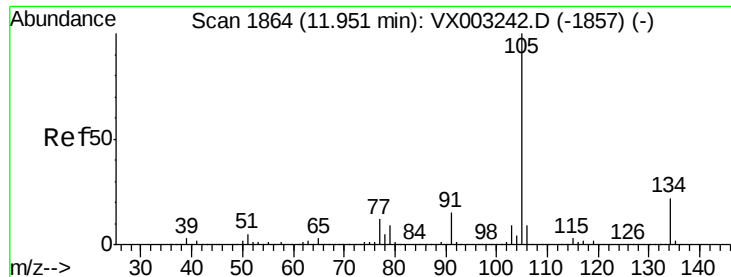
120 45.2 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 23.19 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

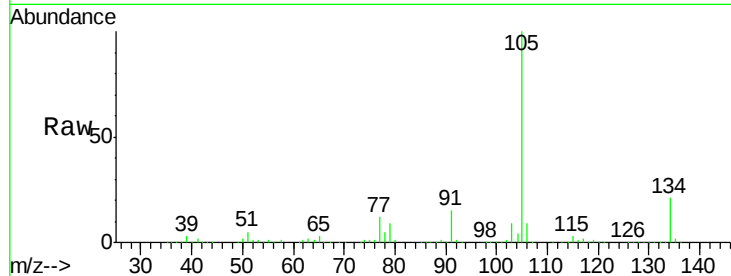
VX0711WBSD01

Tot Ion:105 Resp: 356626

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

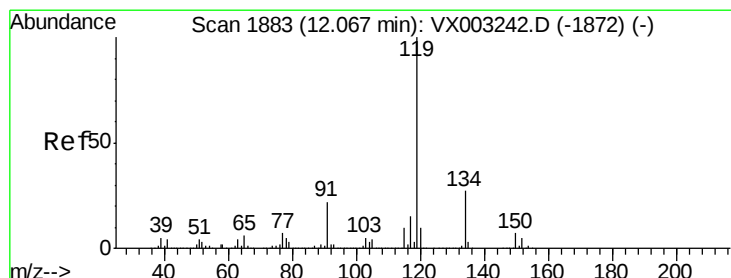
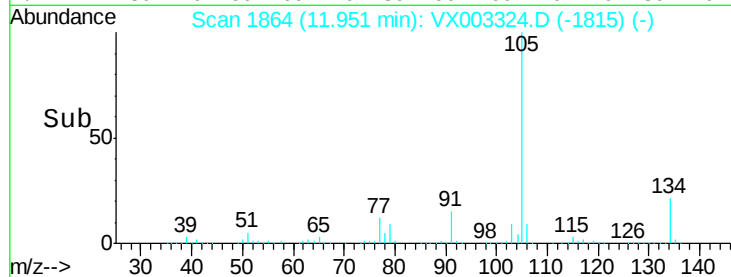
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.58 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

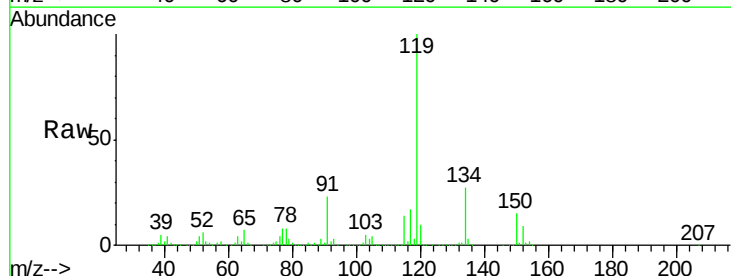
Tgt Ion:119 Resp: 316273

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.8 11.9 35.7



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): V

12.07

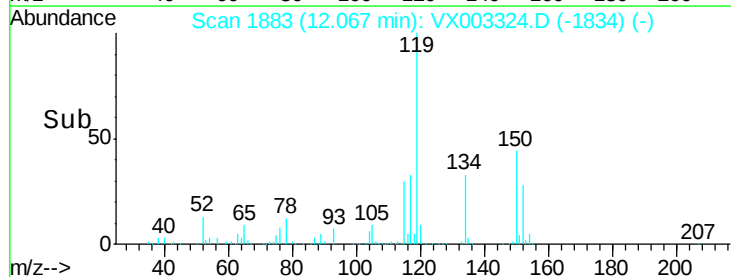
300000

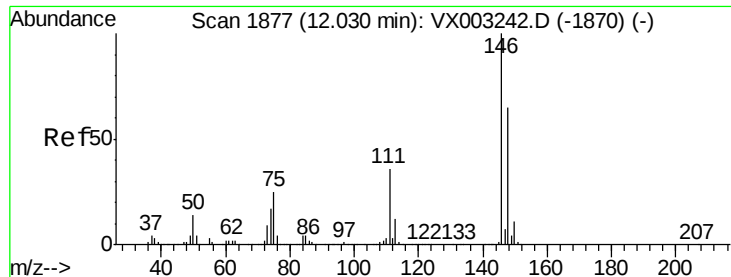
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.06 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD01

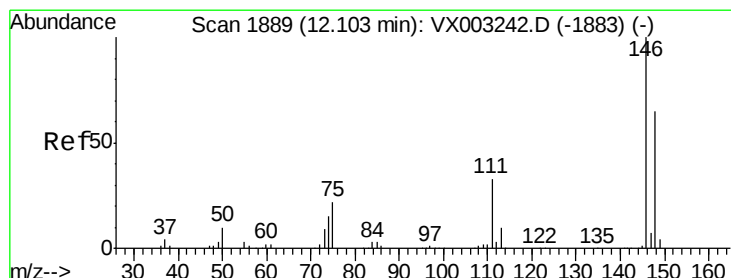
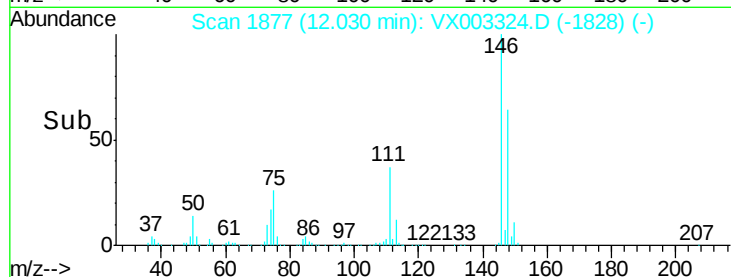
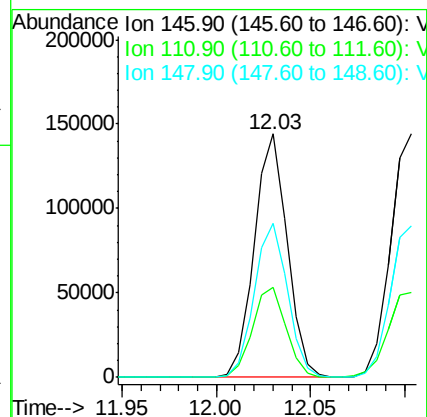
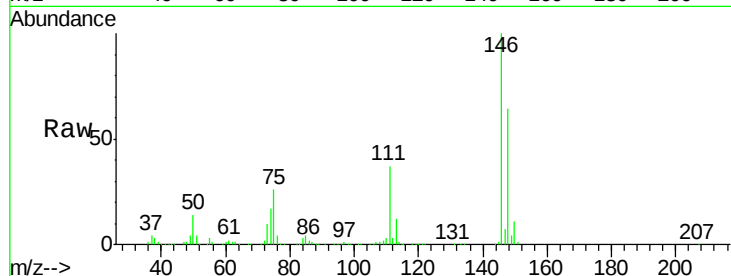
Tot Ion:146 Resp: 174482

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.7

148 64.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.98 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

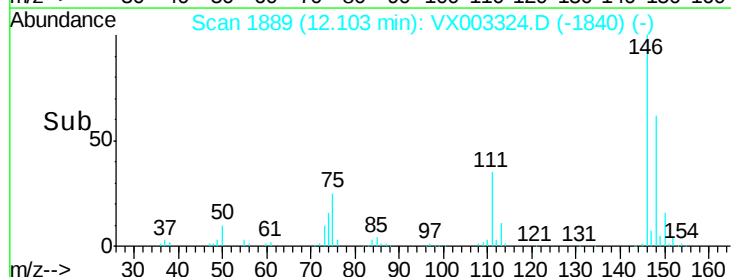
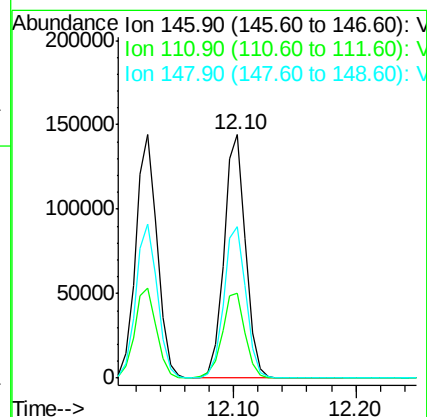
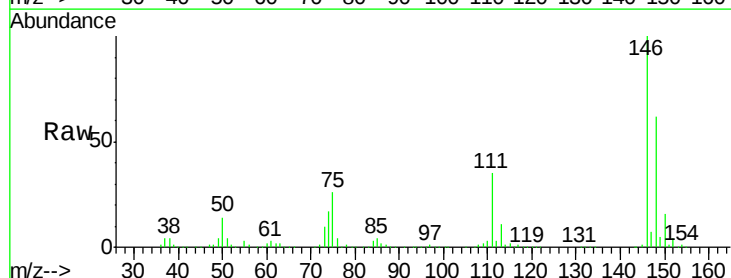
Tgt Ion:146 Resp: 175970

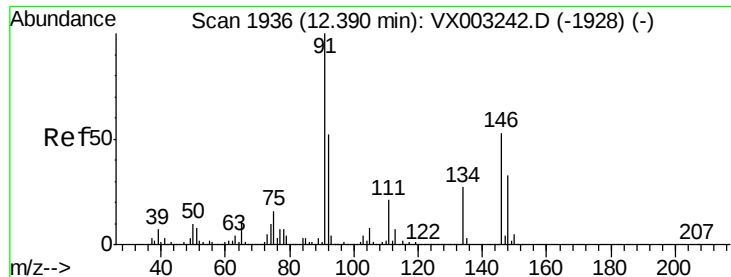
Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

148 64.1 32.4 97.0

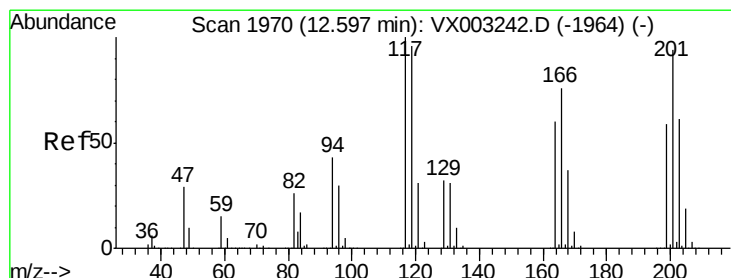
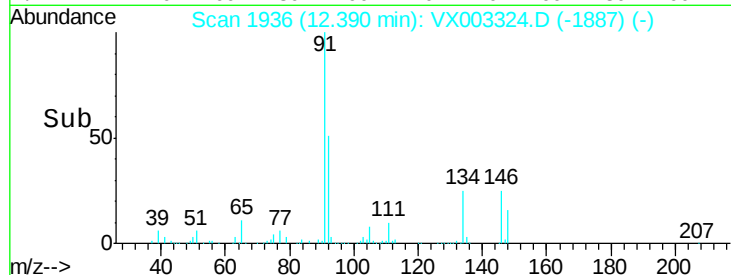
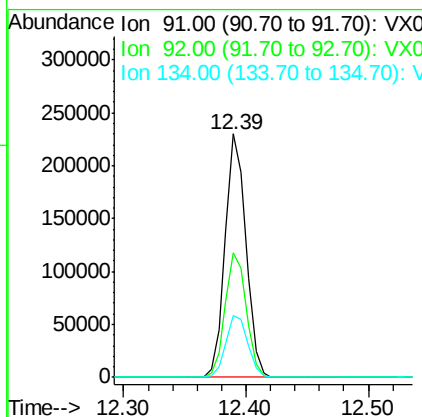
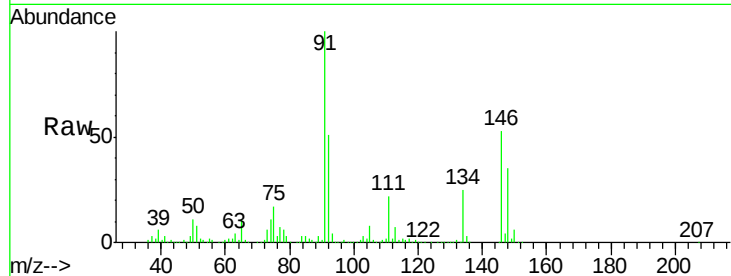




#89
n-Butylbenzene
Concen: 23.19 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

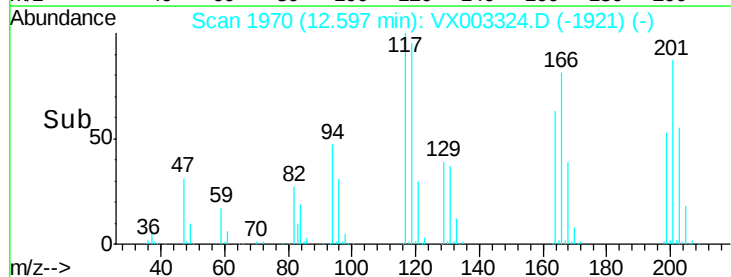
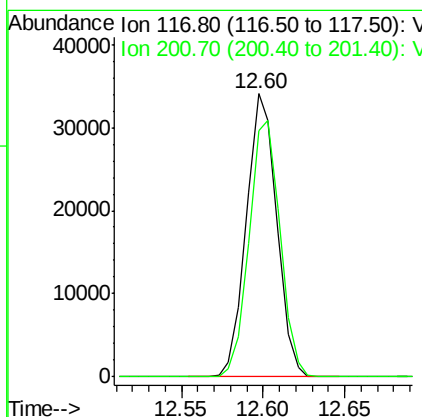
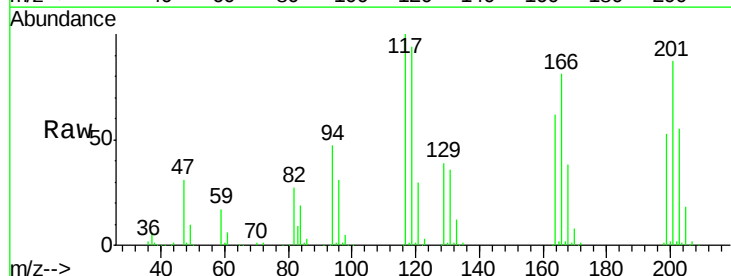
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBSD01

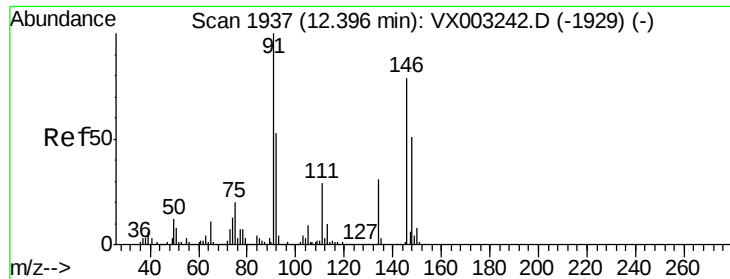
Tot Ion: 91 Resp: 271465
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 26.5 13.5 40.5



#90
Hexachloroethane
Concen: 20.74 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003324.D
Acq: 11 Jul 2018 17:16

Tgt Ion: 117 Resp: 44362
Ion Ratio Lower Upper
117 100
201 92.1 49.0 147.0

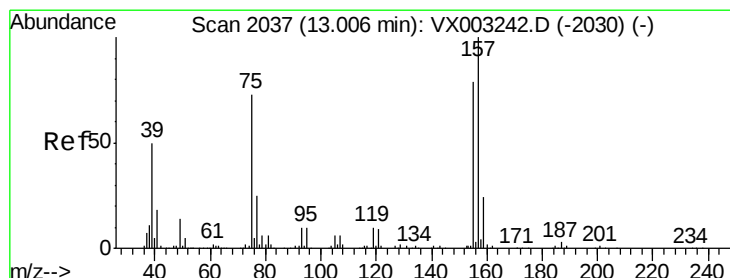
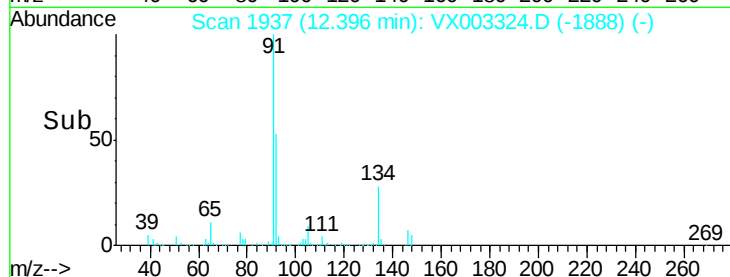
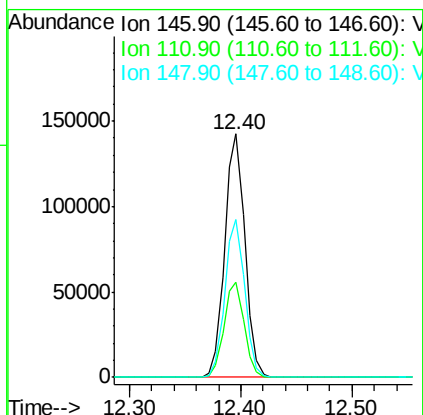
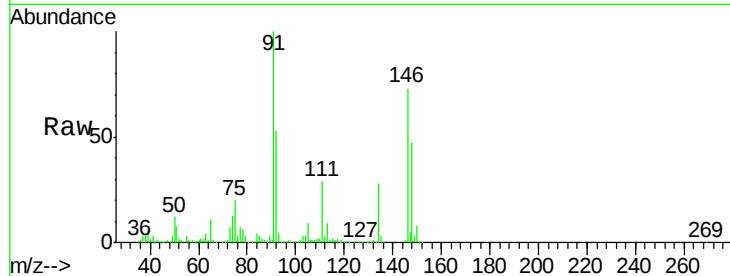




#91
 1,2-Dichlorobenzene
 Concen: 21.37 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

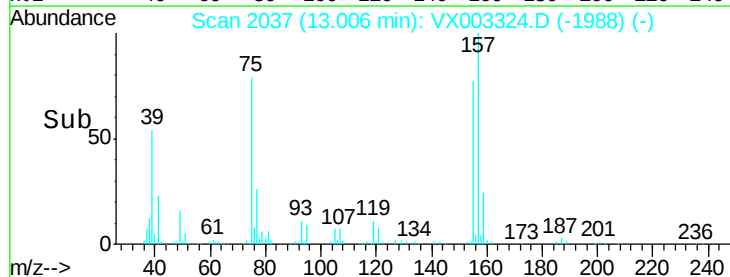
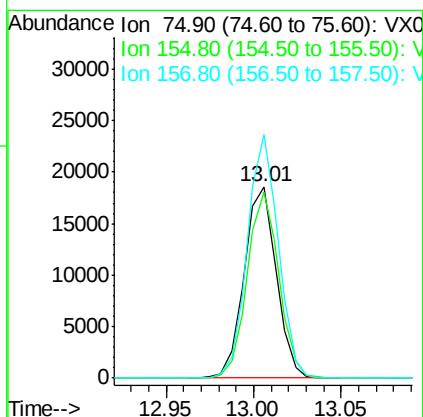
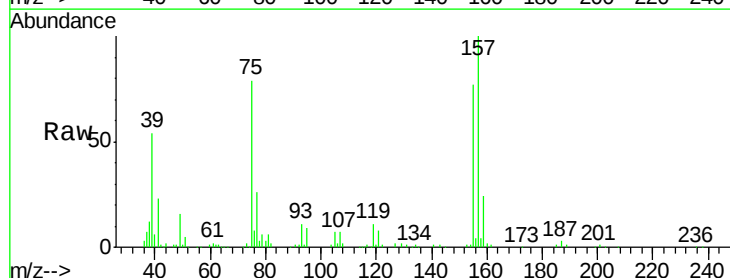
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD01

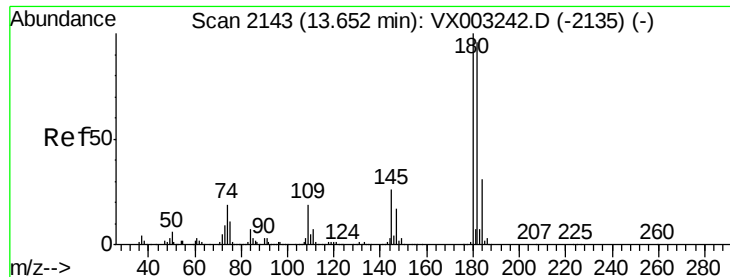
Tot Ion:146 Resp: 177785
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.1
 148 63.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.76 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

Tgt Ion: 75 Resp: 23692
 Ion Ratio Lower Upper
 75 100
 155 95.6 45.8 137.4
 157 122.3 60.1 180.3

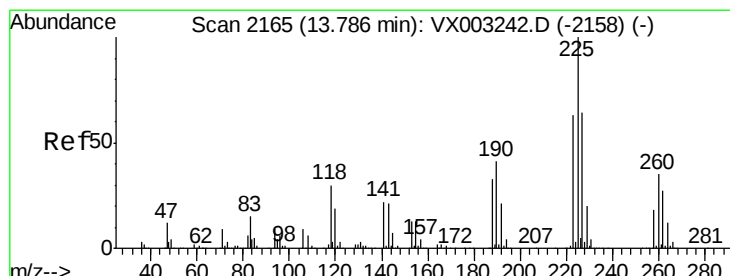
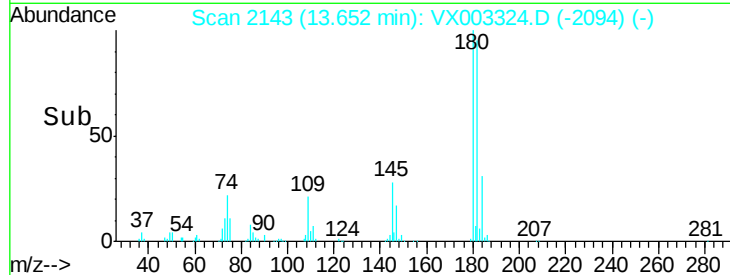
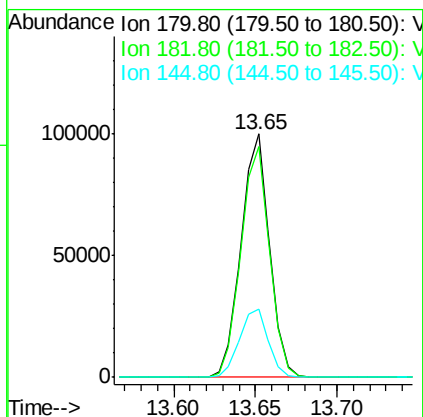
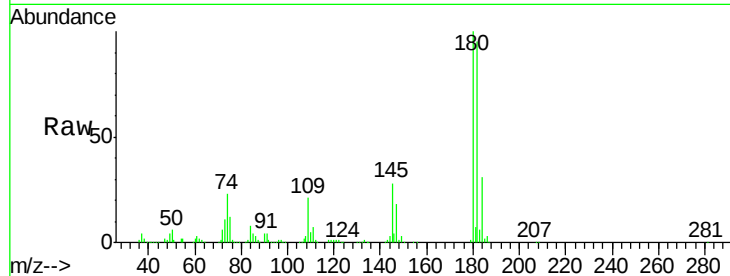




#93
 1,2,4-Trichlorobenzene
 Concen: 20.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

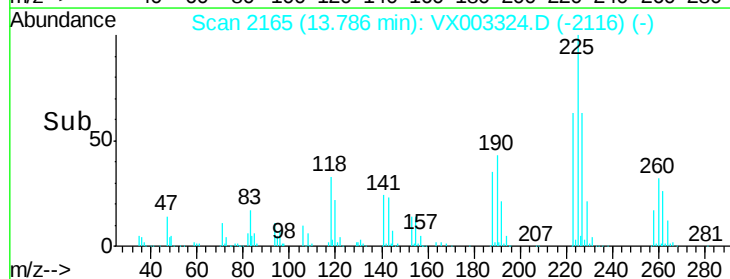
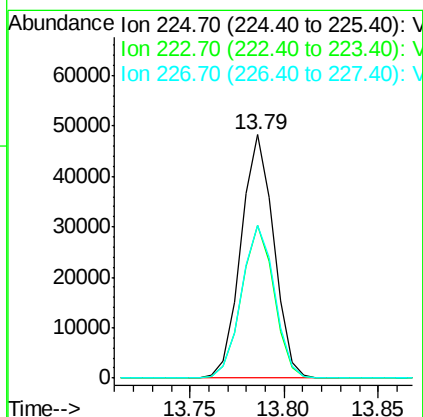
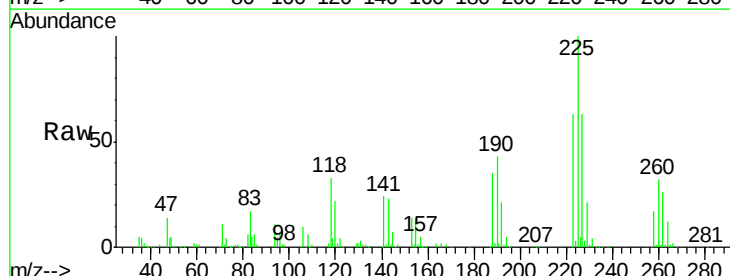
Instrument :
 MSVOA_X
 ClientSampled :
 VX0711WBSD01

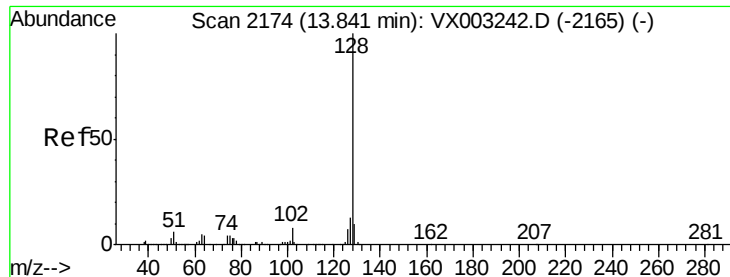
Tot Ion:180 Resp: 121479
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 28.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.25 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003324.D
 Acq: 11 Jul 2018 17:16

Tgt Ion:225 Resp: 58026
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 63.9 32.4 97.2





#95

Naphthalene

Concen: 23.32 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBSD01

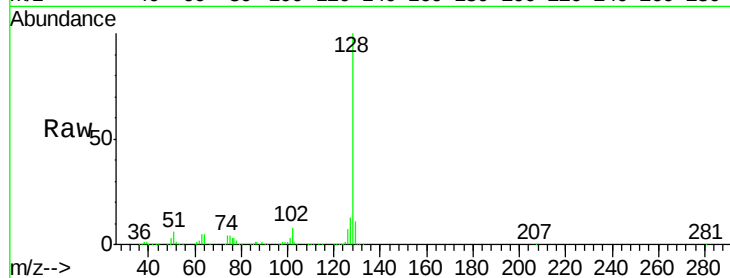
Tot Ion:128 Resp: 369339

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

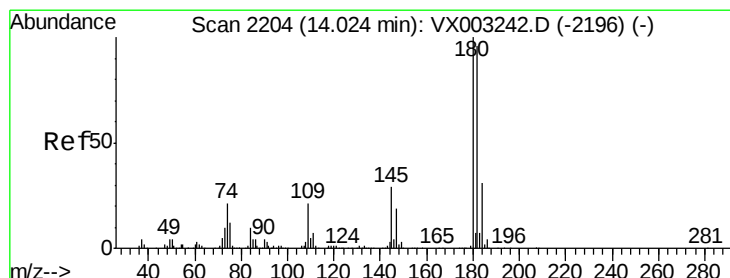
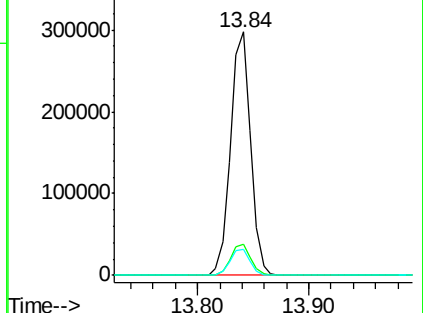
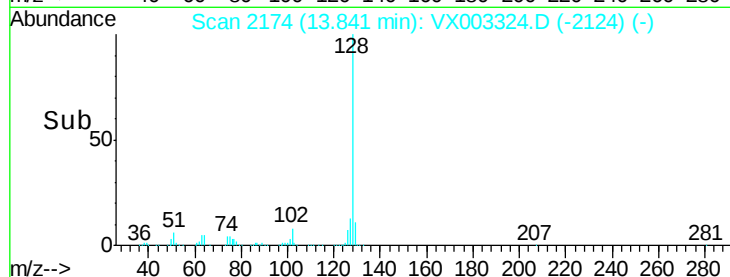
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.83 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003324.D

Acq: 11 Jul 2018 17:16

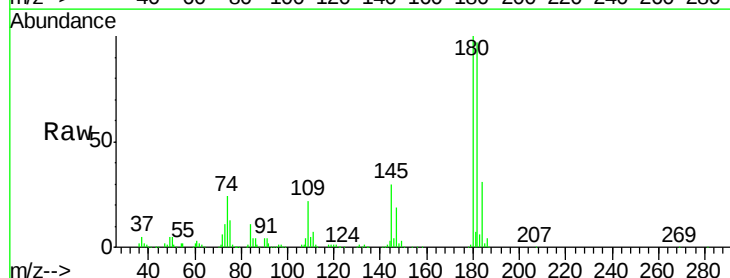
Tgt Ion:180 Resp: 125745

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.0

145 29.8 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

