

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003305.D
 Acq On : 11 Jul 2018 01:30
 Operator : JC/MD
 Sample : VX0710WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Quant Time: Jul 11 04:57:21 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	234106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	295973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177730	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.51	113	152771	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	8.72	98	562756	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.14	95	204292	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74363	20.89	ug/l	100
3) Chloromethane	1.32	50	63122	19.51	ug/l	99
4) Vinyl Chloride	1.41	62	62931	18.95	ug/l	99
5) Bromomethane	1.64	94	23367	23.85	ug/l	98
6) Chloroethane	1.72	64	35299	19.18	ug/l	99
7) Trichlorofluoromethane	1.93	101	99389	20.13	ug/l	98
8) Diethyl Ether	2.19	74	32713	18.33	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54636	18.90	ug/l	95
10) Methyl Iodide	2.51	142	58568	21.93	ug/l	97
11) Tert butyl alcohol	3.08	59	72478	108.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49686	18.89	ug/l	92
13) Acrolein	2.30	56	38342	71.23	ug/l	99
14) Allyl chloride	2.73	41	87980	18.06	ug/l	95
15) Acrylonitrile	3.15	53	146329	98.11	ug/l	99
16) Acetone	2.45	43	136223	104.14	ug/l	97
17) Carbon Disulfide	2.57	76	129928	17.77	ug/l	99
18) Methyl Acetate	2.78	43	79978	21.67	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	168113	19.13	ug/l	99
20) Methylene Chloride	2.86	84	55155	20.16	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	53015	18.90	ug/l	93
22) Diisopropyl ether	3.88	45	172755	17.43	ug/l	97
23) Vinyl Acetate	3.83	43	730580	86.80	ug/l	97
24) 1,1-Dichloroethane	3.70	63	100014	19.38	ug/l	99
25) 2-Butanone	4.71	43	239106	103.31	ug/l	95
26) 2,2-Dichloropropane	4.59	77	51602	11.43	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	67749	19.66	ug/l	92
28) Bromochloromethane	5.03	49	52820	20.32	ug/l	86
29) Tetrahydrofuran	5.17	42	151586	100.91	ug/l	95
30) Chloroform	5.22	83	112352	19.79	ug/l	98
31) Cyclohexane	5.57	56	93774	19.41	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	99463	19.86	ug/l	98
36) 1,1-Dichloropropene	5.80	75	81881	19.54	ug/l	98
37) Ethyl Acetate	4.87	43	88540	19.28	ug/l	97
38) Carbon Tetrachloride	5.78	117	89635	19.56	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Quant Time: Jul 11 04:57:21 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	91535	18.54	ug/l	97
40) Benzene	6.15	78	251466	20.25	ug/l	99
41) Methacrylonitrile	5.07	41	49928	19.85	ug/l	95
42) 1,2-Dichloroethane	6.21	62	89644	19.32	ug/l	97
43) Isopropyl Acetate	6.48	43	139886	19.39	ug/l	95
44) Trichloroethene	7.22	130	76010	20.70	ug/l	96
45) 1,2-Dichloropropane	7.52	63	62610	19.40	ug/l	100
46) Dibromomethane	7.66	93	44390	20.17	ug/l	93
47) Bromodichloromethane	7.90	83	80506	19.83	ug/l	96
48) Methyl methacrylate	7.79	41	74901	20.25	ug/l	92
49) 1,4-Dioxane	7.76	88	32913	425.52	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	483752	107.73	ug/l	98
52) Toluene	8.79	92	160980	20.51	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	87344	18.28	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	78404	18.03	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	66024	20.28	ug/l	97
56) Ethyl methacrylate	9.18	69	89362	20.04	ug/l	91
57) 1,3-Dichloropropane	9.38	76	106617	20.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	226805	105.42	ug/l	97
59) 2-Hexanone	9.50	43	370097	108.51	ug/l	96
60) Dibromochloromethane	9.59	129	65336	19.22	ug/l	99
61) 1,2-Dibromoethane	9.68	107	68764	20.15	ug/l	100
64) Tetrachloroethene	9.34	164	90062	22.18	ug/l	99
65) Chlorobenzene	10.14	112	184841	20.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	68352	20.76	ug/l	98
67) Ethyl Benzene	10.26	91	298481	20.22	ug/l	99
68) m/p-Xylenes	10.36	106	234629	40.86	ug/l	98
69) o-Xylene	10.70	106	114114	20.51	ug/l	97
70) Styrene	10.71	104	185795	20.60	ug/l	98
71) Bromoform	10.86	173	51309	18.94	ug/l	# 100
73) Isopropylbenzene	11.02	105	311618	20.83	ug/l	99
74) N-amyl acetate	6.48	43	139886	19.60	ug/l	# 95
75) 1,1,2,2-Tetrachloroethane	11.27	83	93927	20.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100780	24.61	ug/l	82
77) Bromobenzene	11.26	156	87315	20.21	ug/l	96
78) n-propylbenzene	11.37	91	342973	20.62	ug/l	99
79) 2-Chlorotoluene	11.43	91	208125	20.53	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	257598	20.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19728	15.74	ug/l	96
82) 4-Chlorotoluene	11.51	91	241874	20.44	ug/l	97
83) tert-Butylbenzene	11.77	119	250533	20.13	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	267151	20.94	ug/l	97
85) sec-Butylbenzene	11.95	105	304680	20.71	ug/l	99
86) p-Isopropyltoluene	12.07	119	274599	20.49	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	158350	19.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161780	20.16	ug/l	98
89) n-Butylbenzene	12.39	91	218251	19.49	ug/l	99
90) Hexachloroethane	12.60	117	36389	17.78	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	161053	20.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20041	20.13	ug/l	94

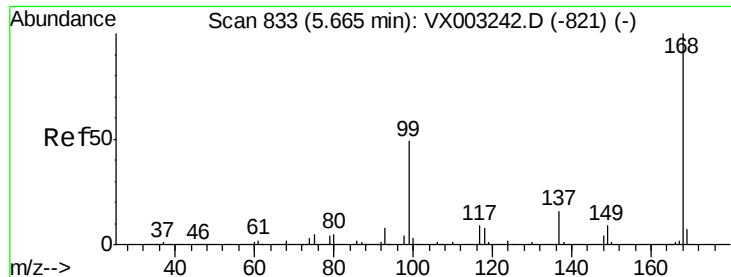
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
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Quant Time: Jul 11 04:57:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110752	19.12	ug/l	99
94) Hexachlorobutadiene	13.79	225	53940	18.71	ug/l	99
95) Naphthalene	13.84	128	314728	20.77	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117492	20.34	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: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

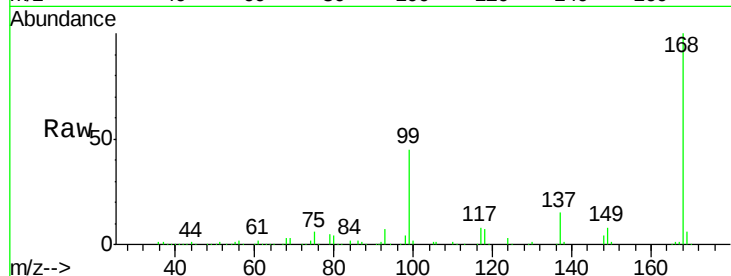
VX0710WBSD02

Tot Ion:168 Resp: 234106

Ion Ratio Lower Upper

168 100

99 44.8 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

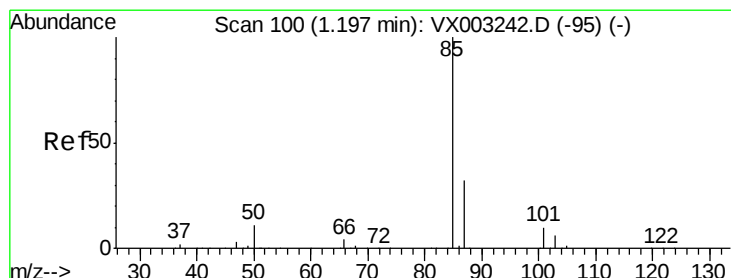
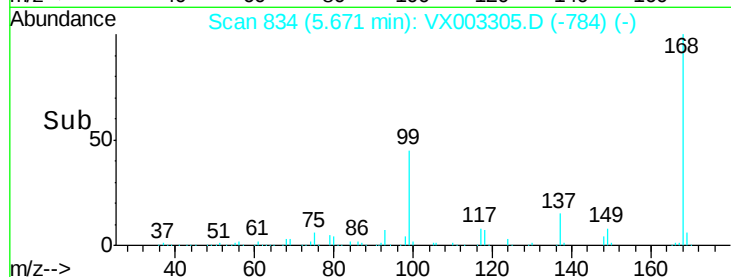
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.89 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003305.D

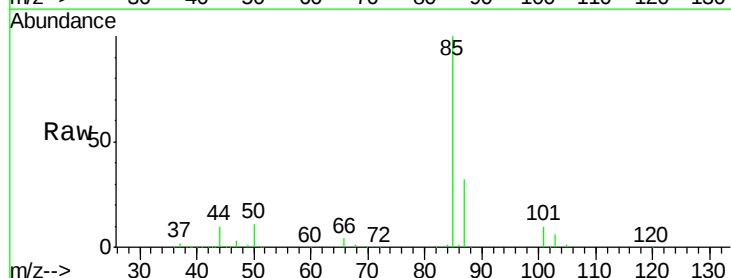
Acq: 11 Jul 2018 01:30

Tgt Ion: 85 Resp: 74363

Ion Ratio Lower Upper

85 100

87 32.1 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

80000

60000

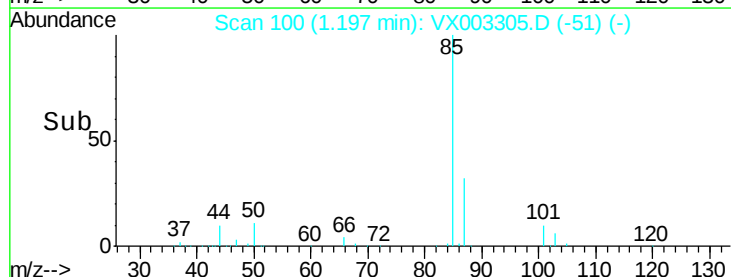
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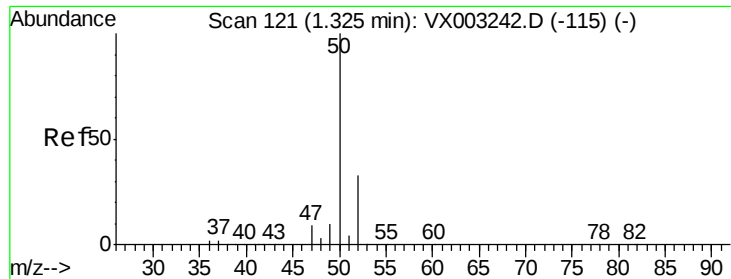
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.51 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

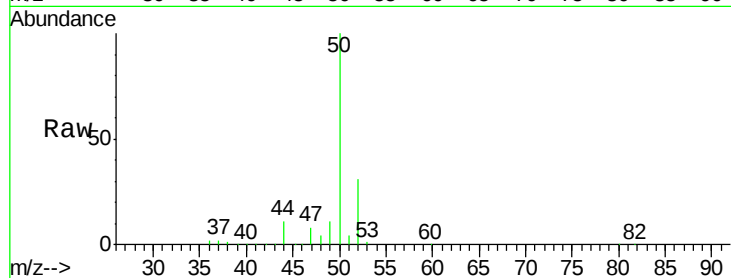
VX0710WBSD02

Tot Ion: 50 Resp: 63122

Ion Ratio Lower Upper

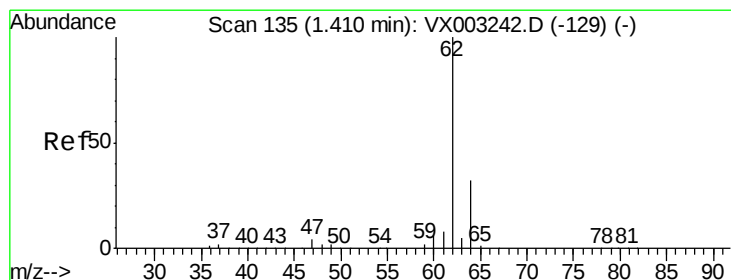
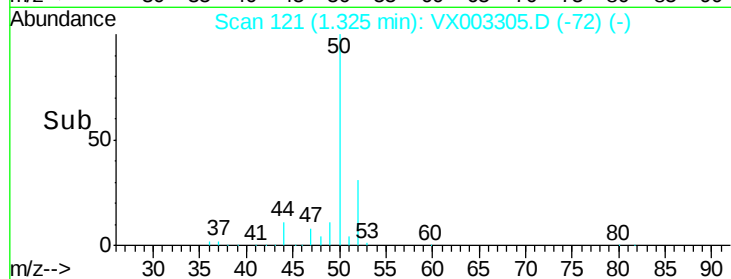
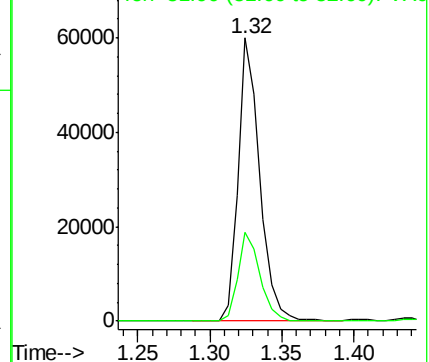
50 100

52 31.4 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: 18.95 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003305.D

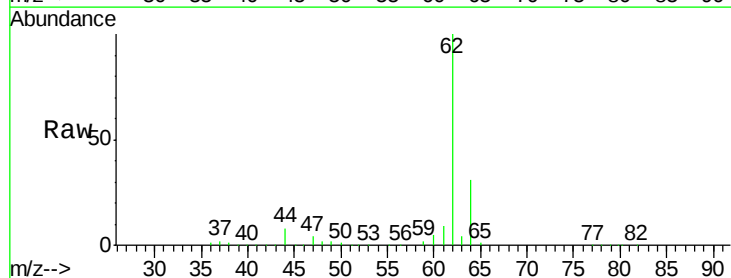
Acq: 11 Jul 2018 01:30

Tgt Ion: 62 Resp: 62931

Ion Ratio Lower Upper

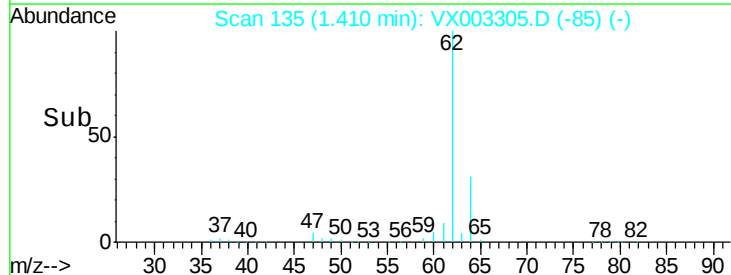
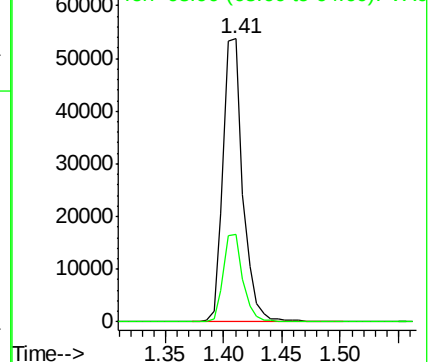
62 100

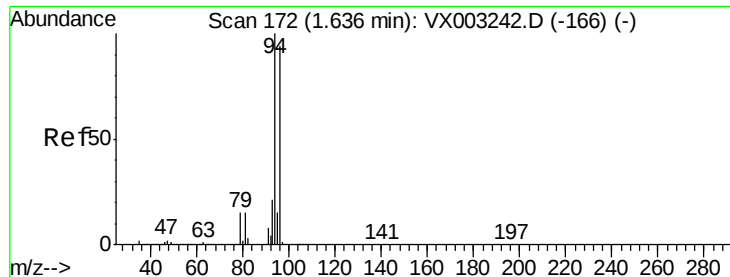
64 31.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.85 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

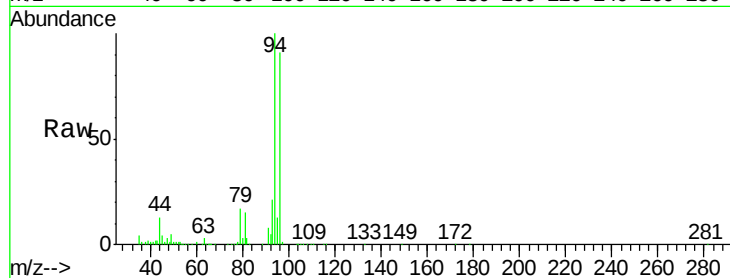
VX0710WBSD02

Tot Ion: 94 Resp: 23367

Ion Ratio Lower Upper

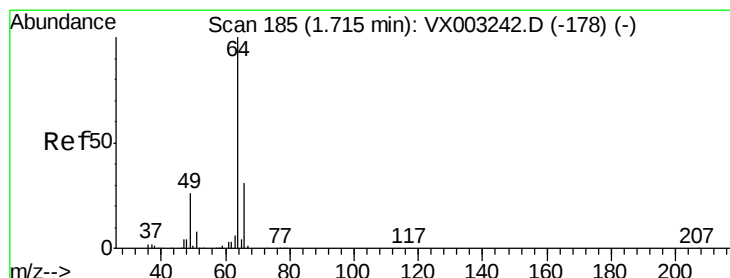
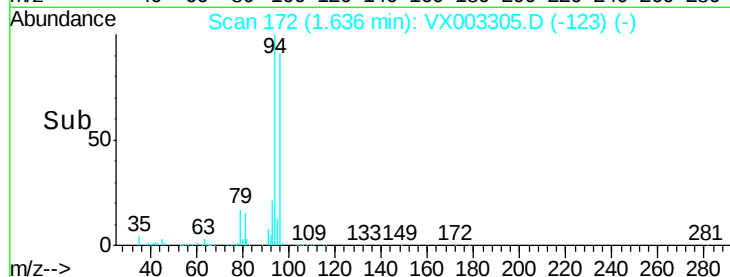
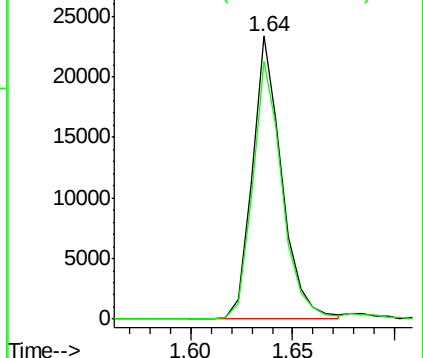
94 100

96 91.3 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: 19.18 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003305.D

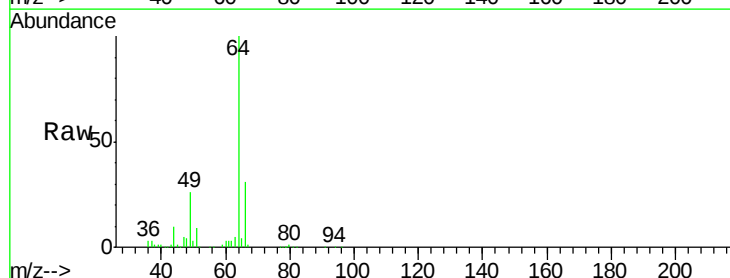
Acq: 11 Jul 2018 01:30

Tgt Ion: 64 Resp: 35299

Ion Ratio Lower Upper

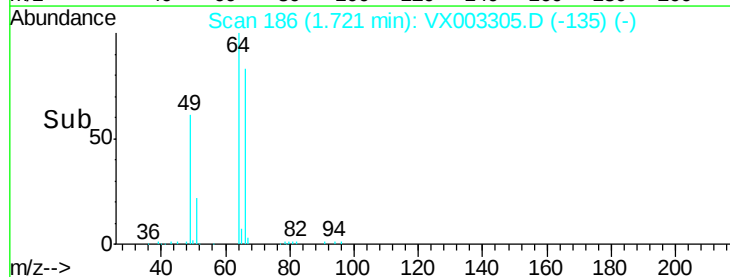
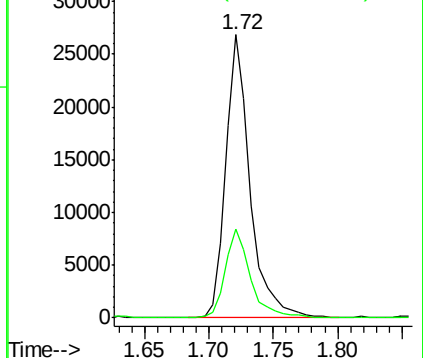
64 100

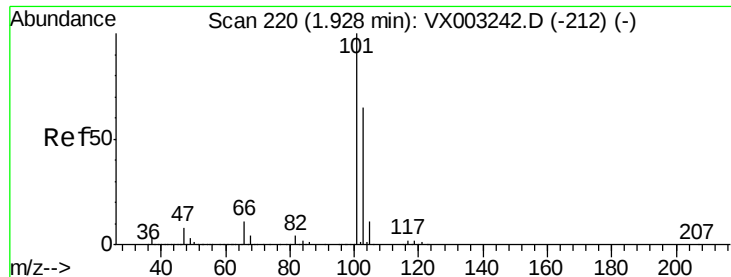
66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 20.13 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

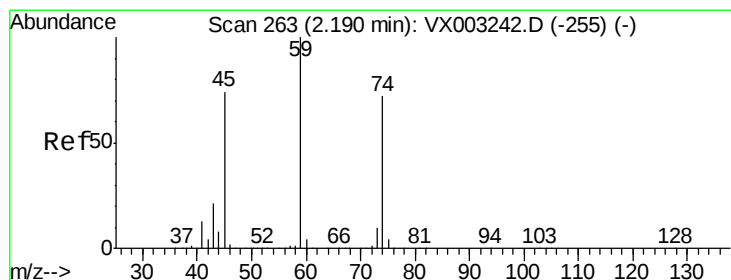
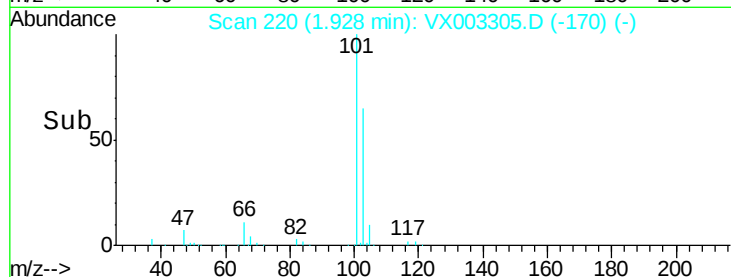
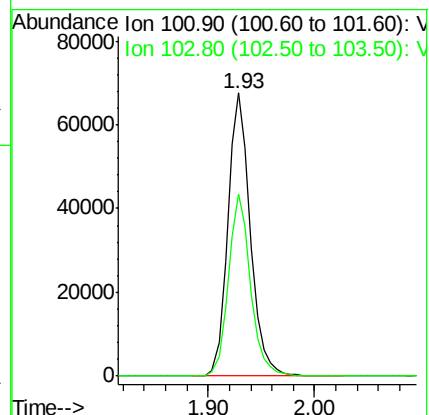
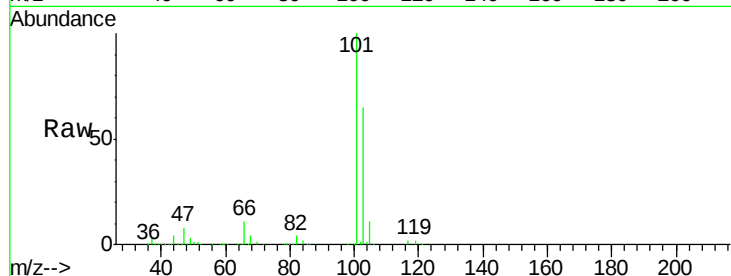
VX0710WBSD02

Tot Ion:101 Resp: 99389

Ion Ratio Lower Upper

101 100

103 64.5 52.8 79.2



#8

Diethyl Ether

Concen: 18.33 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003305.D

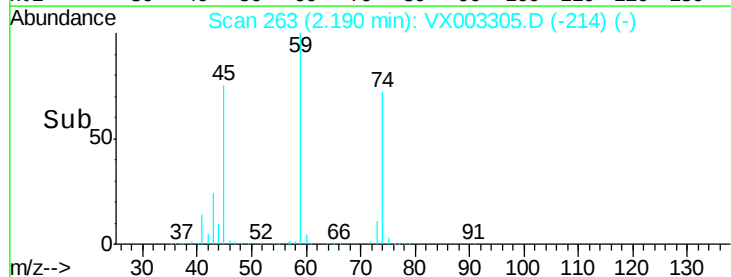
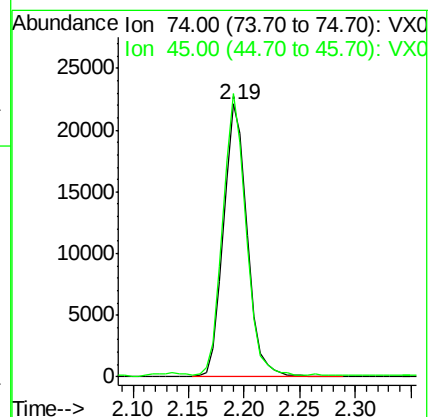
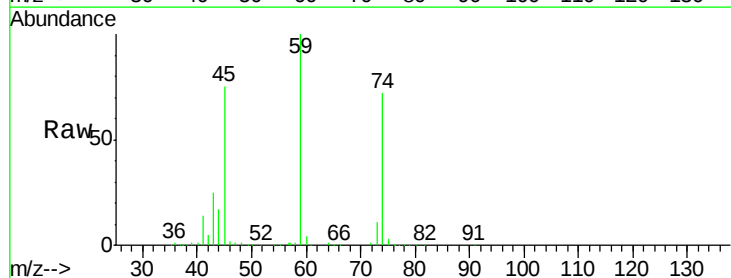
Acq: 11 Jul 2018 01:30

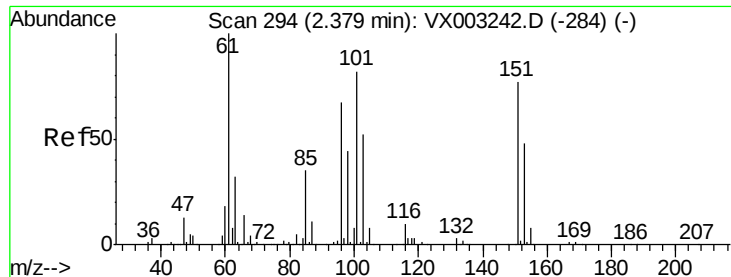
Tgt Ion: 74 Resp: 32713

Ion Ratio Lower Upper

74 100

45 99.8 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.90 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

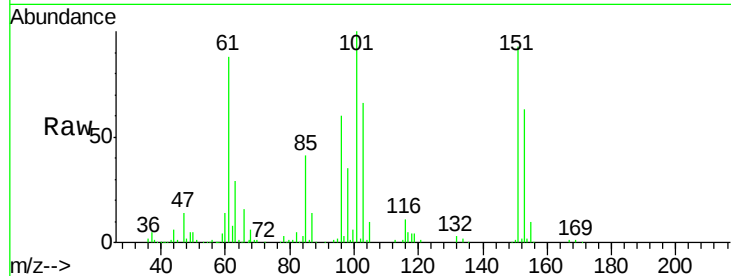
Tot Ion:101 Resp: 54636

Ion Ratio Lower Upper

101 100

85 43.2 36.0 54.0

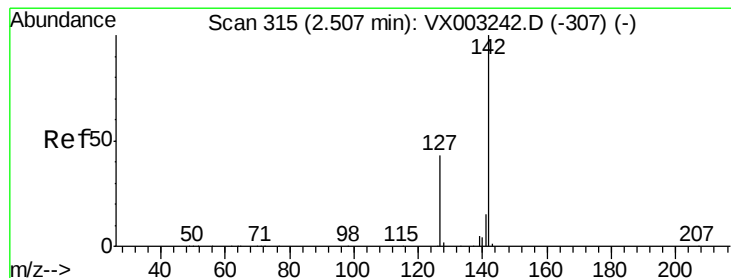
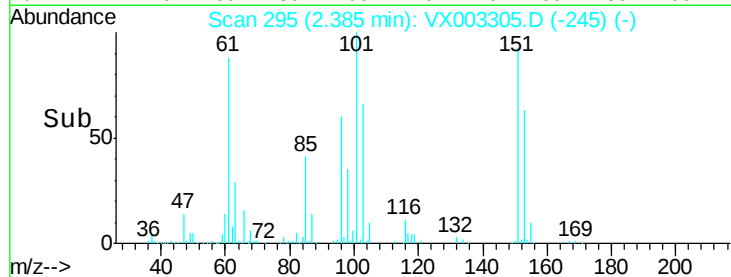
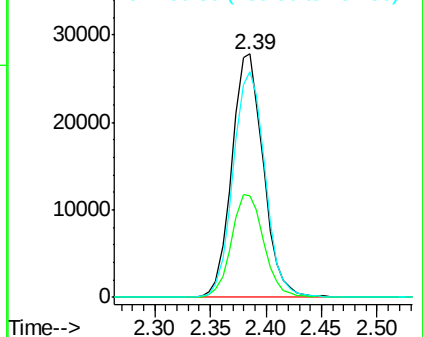
151 94.2 70.9 106.3



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: 21.93 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

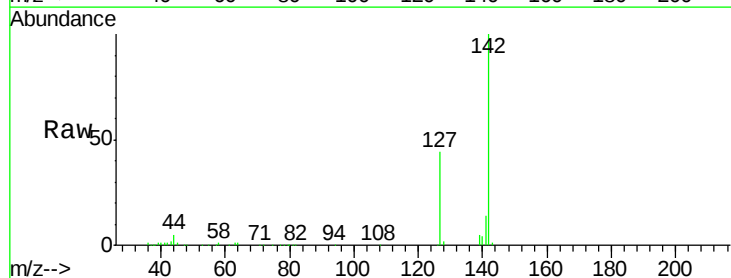
Tgt Ion:142 Resp: 58568

Ion Ratio Lower Upper

142 100

127 43.4 36.6 55.0

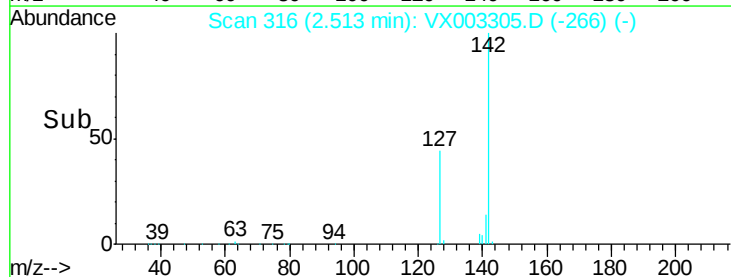
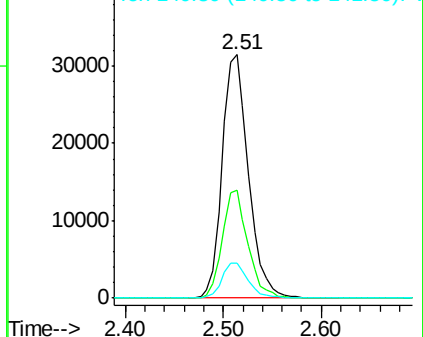
141 14.4 11.3 16.9

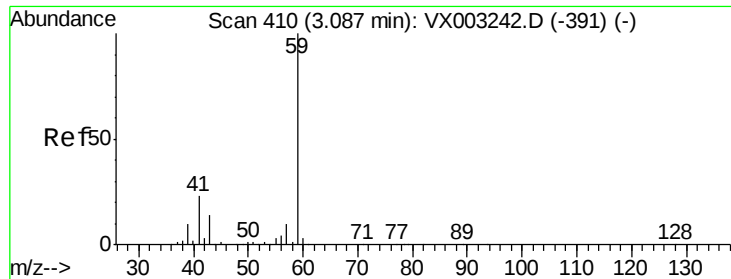


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



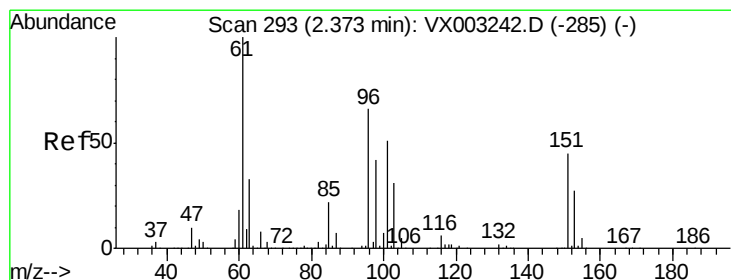
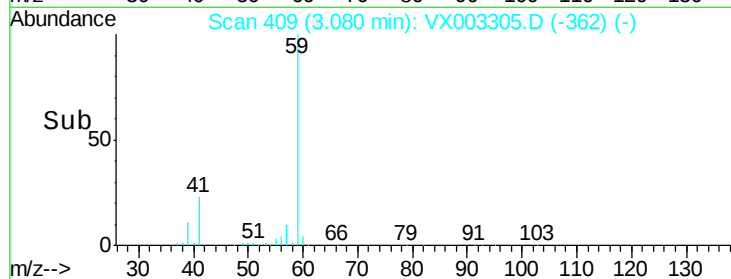
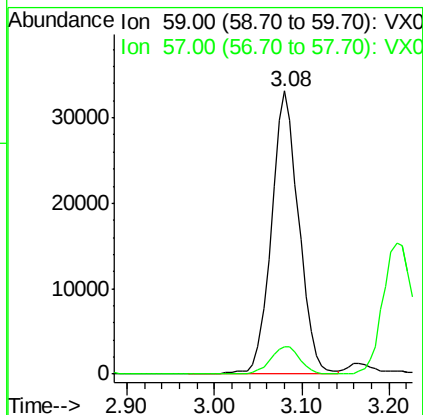
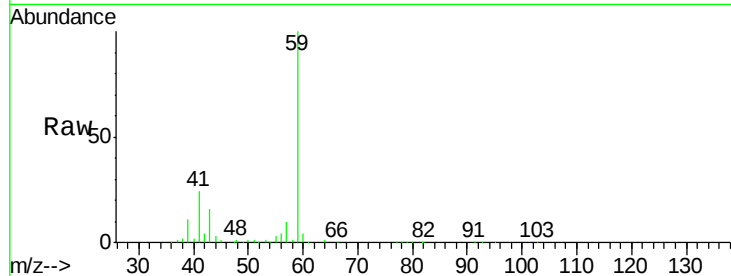


#11

Tert butyl alcohol
 Concen: 108.51 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

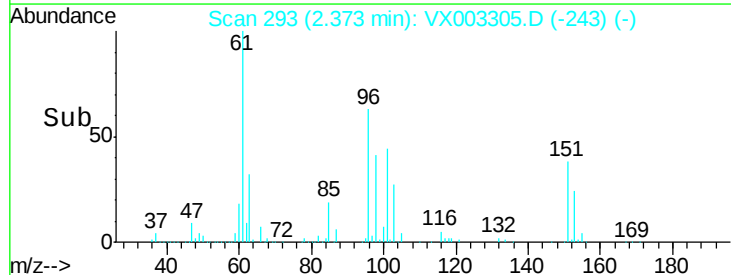
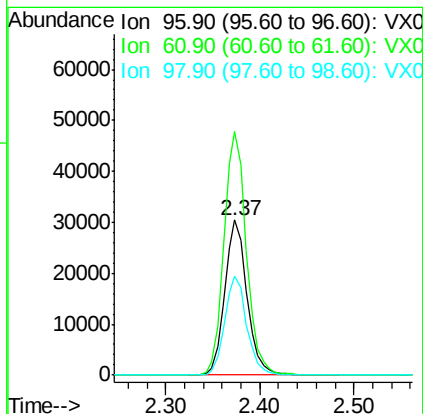
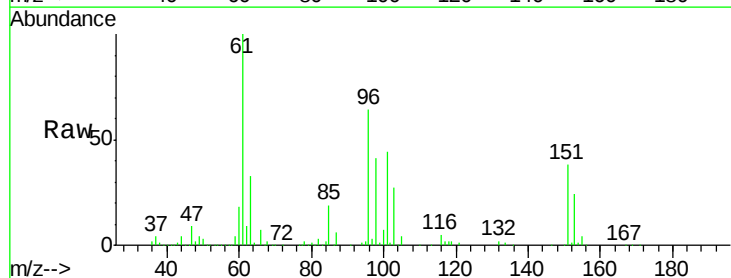
Tot Ion: 59 Resp: 72478
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

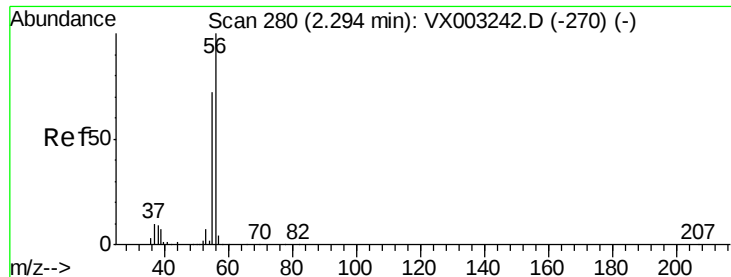


#12

1,1-Dichloroethene
 Concen: 18.89 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion: 96 Resp: 49686
 Ion Ratio Lower Upper
 96 100
 61 157.4 137.9 206.9
 98 64.2 51.6 77.4





#13

Acrolein

Concen: 71.23 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

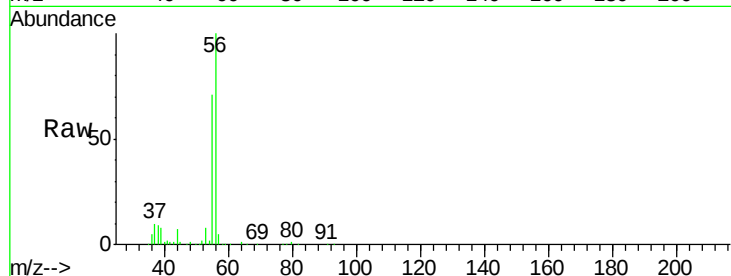
VX0710WBSD02

Tot Ion: 56 Resp: 38342

Ion Ratio Lower Upper

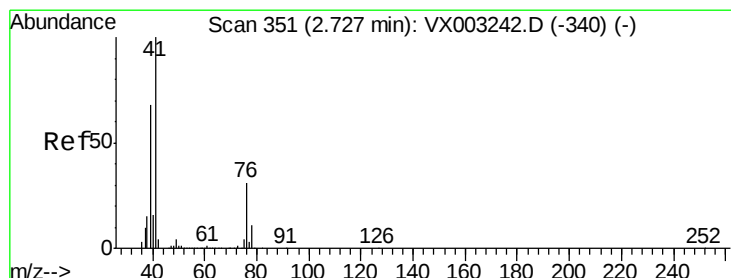
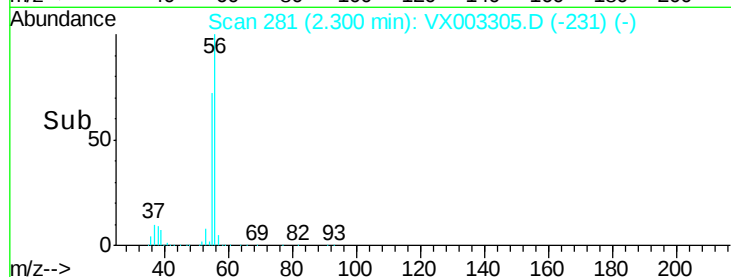
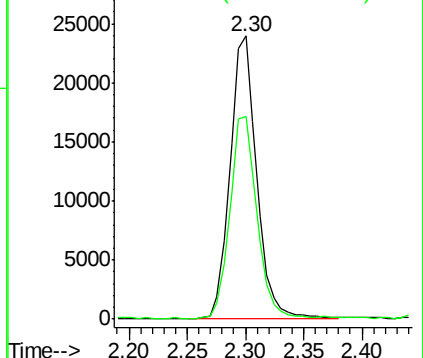
56 100

55 71.7 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.06 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

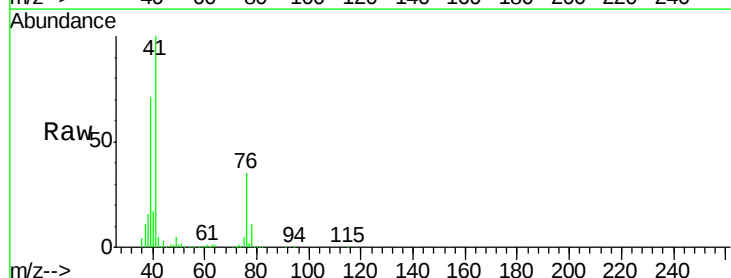
Tgt Ion: 41 Resp: 87980

Ion Ratio Lower Upper

41 100

39 66.0 56.8 85.2

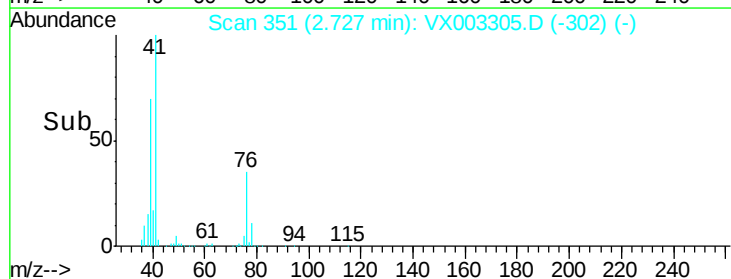
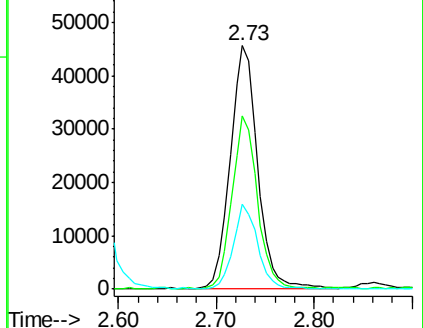
76 31.6 23.8 35.8

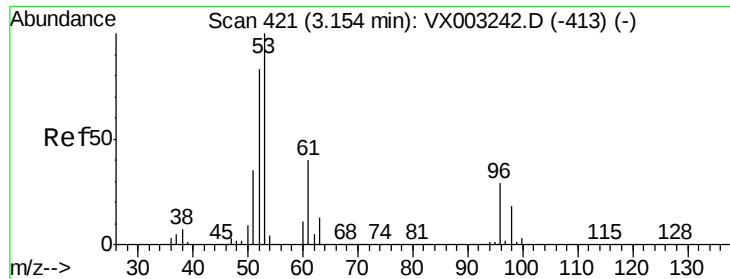


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.11 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

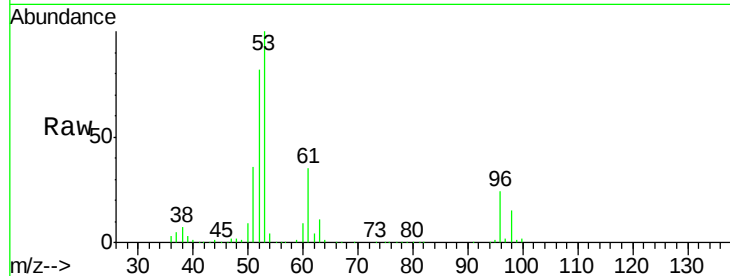
Tot Ion: 53 Resp: 146329

Ion Ratio Lower Upper

53 100

52 82.7 66.7 100.1

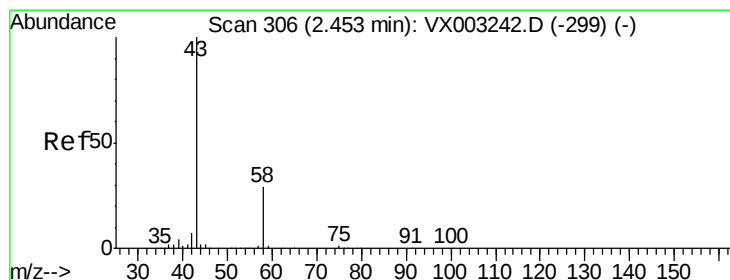
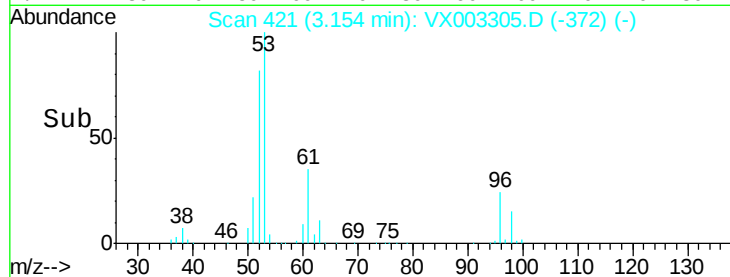
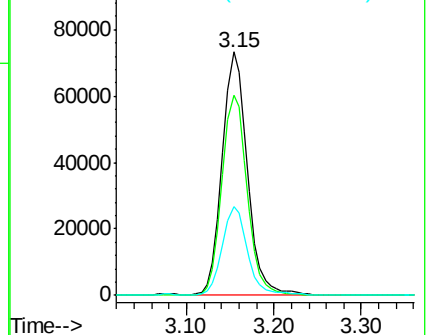
51 36.9 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 104.14 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003305.D

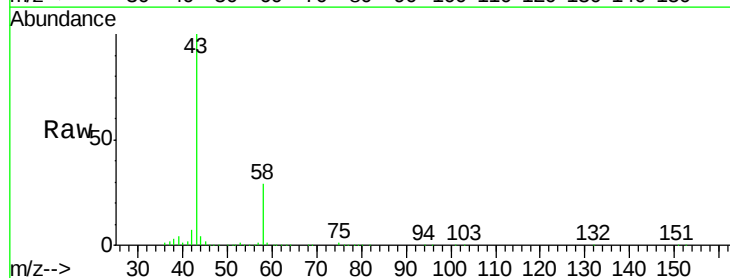
Acq: 11 Jul 2018 01:30

Tgt Ion: 43 Resp: 136223

Ion Ratio Lower Upper

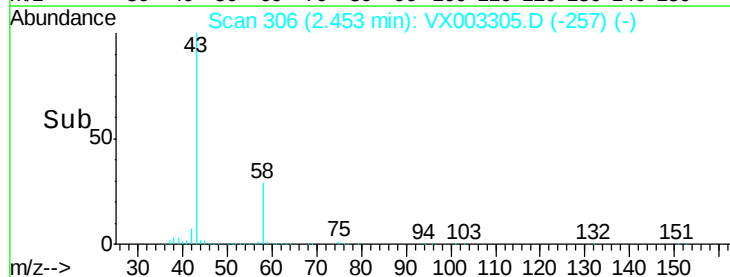
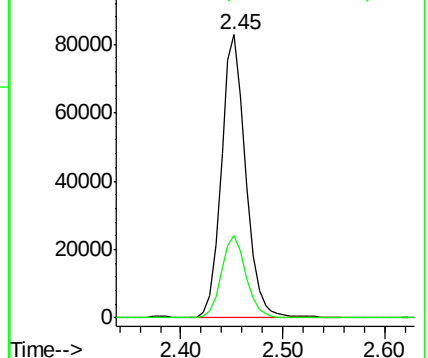
43 100

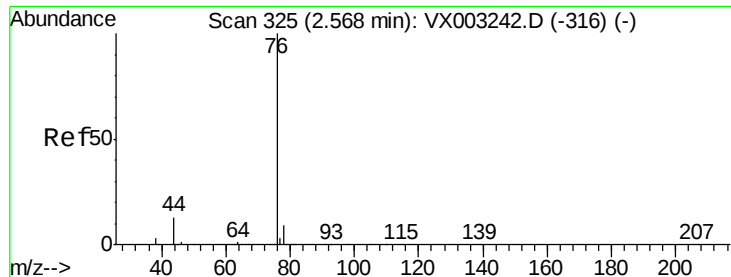
58 29.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

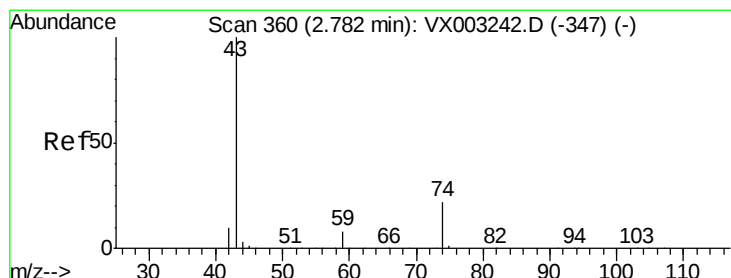
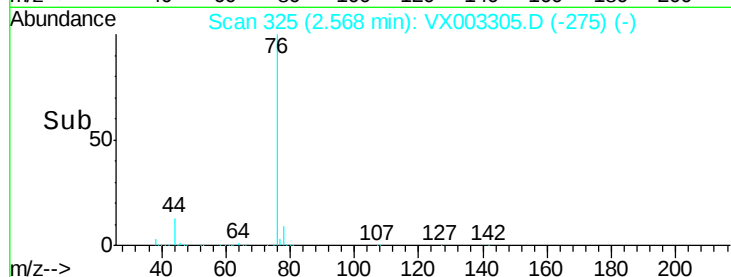
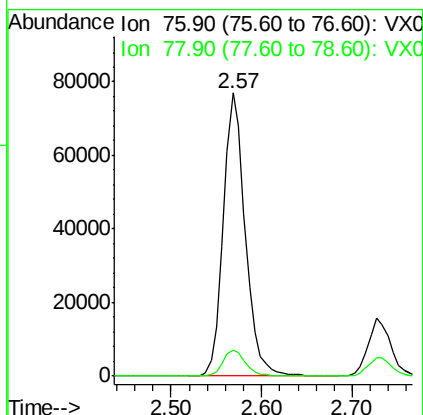
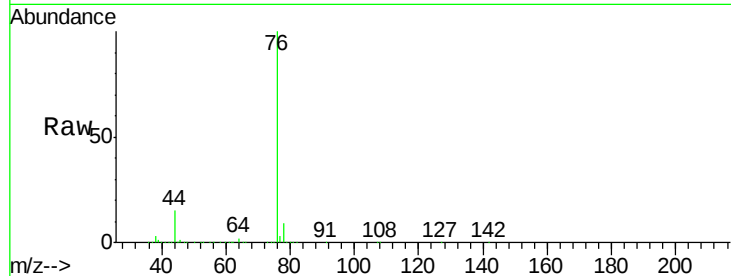




#17
Carbon Disulfide
Concen: 17.77 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

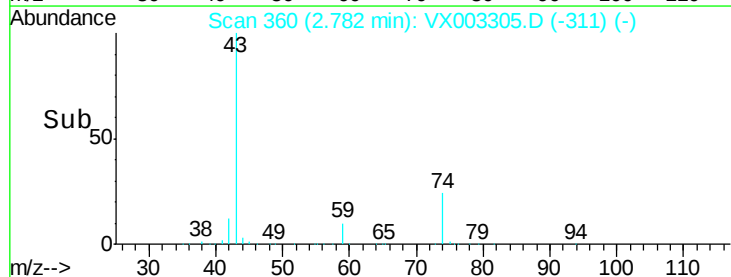
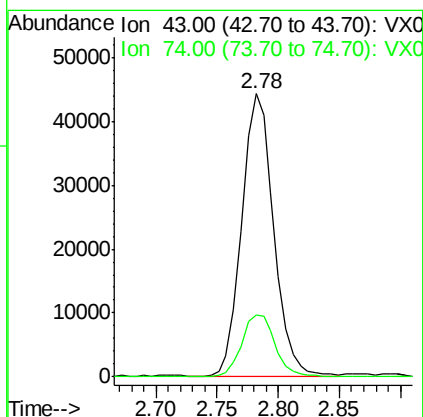
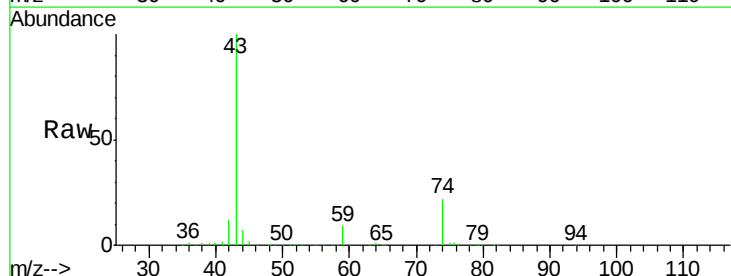
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

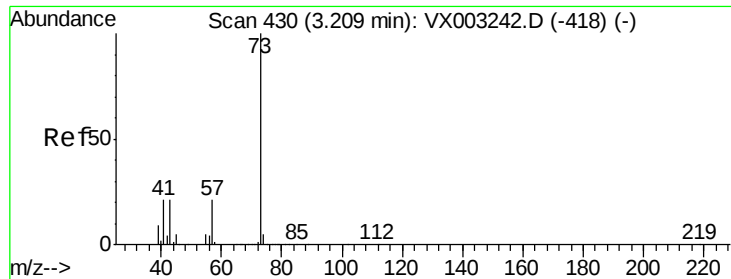
Tot Ion: 76 Resp: 129928
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 21.67 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion: 43 Resp: 79978
Ion Ratio Lower Upper
43 100
74 23.2 16.7 25.1

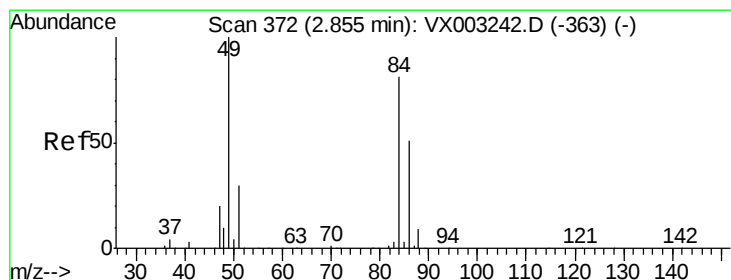
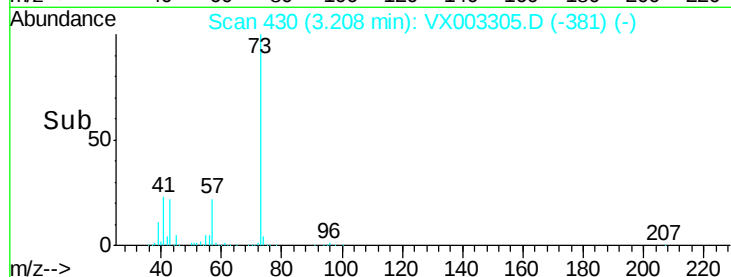
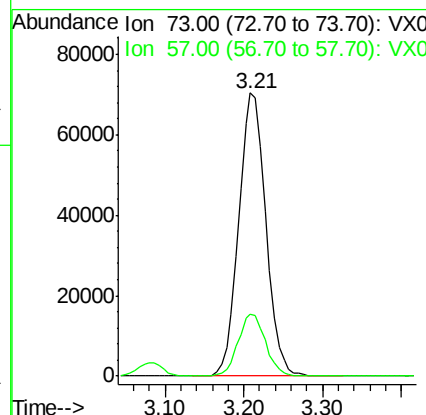
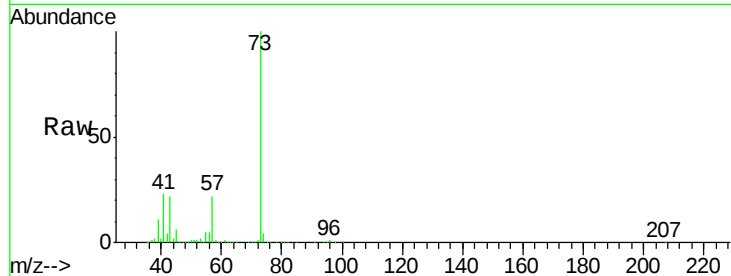




#19
Methyl tert-butyl Ether
Concen: 19.13 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

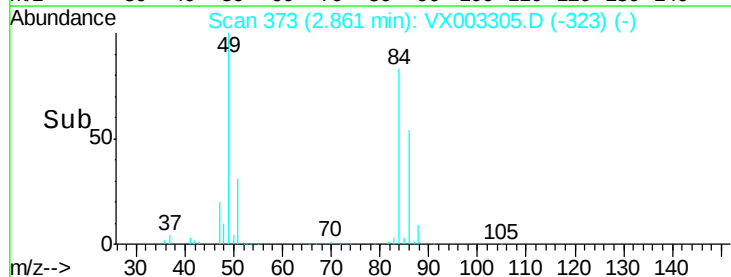
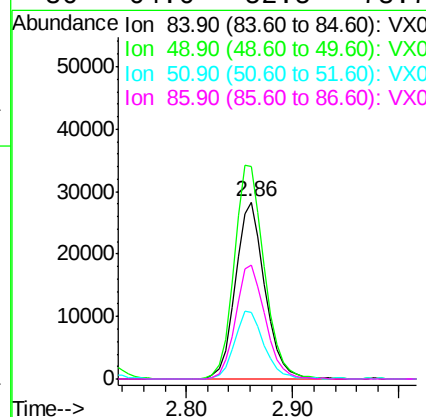
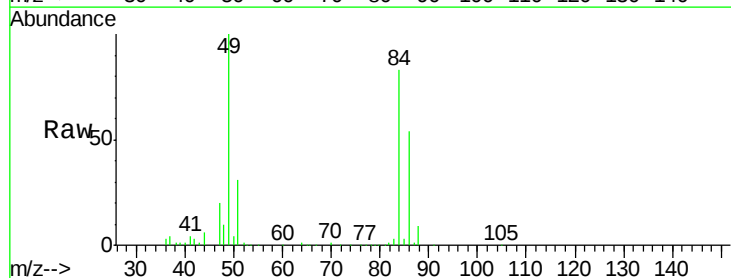
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

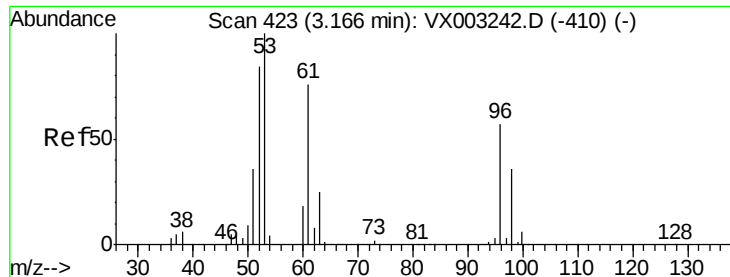
Tot Ion: 73 Resp: 168113
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 20.16 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion: 84 Resp: 55155
Ion Ratio Lower Upper
84 100
49 120.1 107.8 161.6
51 37.3 32.8 49.2
86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.90 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

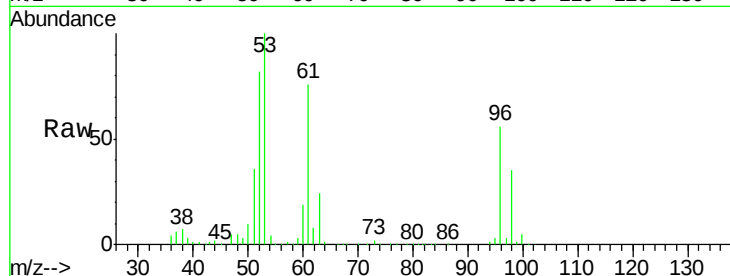
Tot Ion: 96 Resp: 53015

Ion Ratio Lower Upper

96 100

61 135.0 117.0 175.4

98 62.1 52.4 78.6

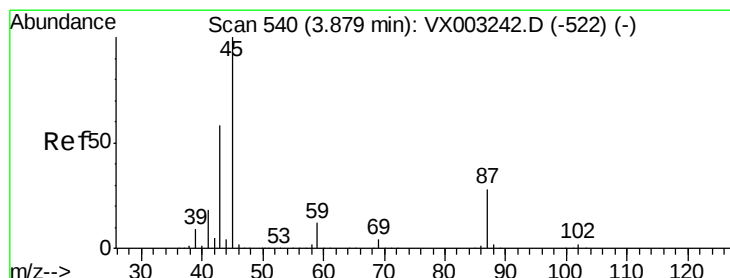
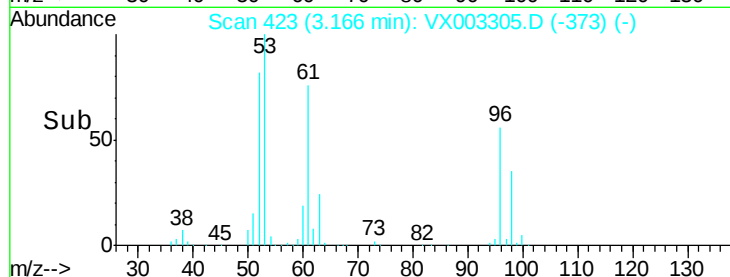
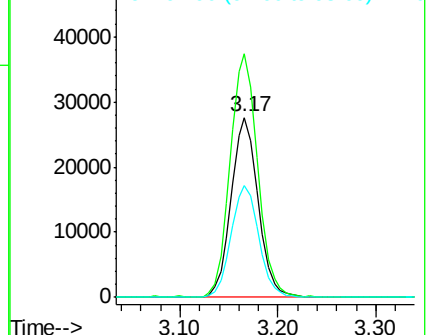


Abundance

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: 17.43 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Tgt Ion: 45 Resp: 172755

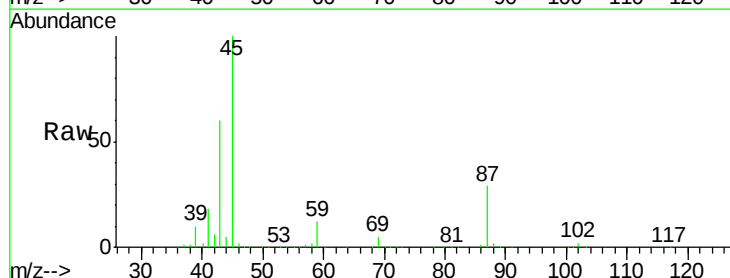
Ion Ratio Lower Upper

45 100

43 59.5 46.8 70.2

87 28.9 20.2 30.4

59 11.6 8.7 13.1



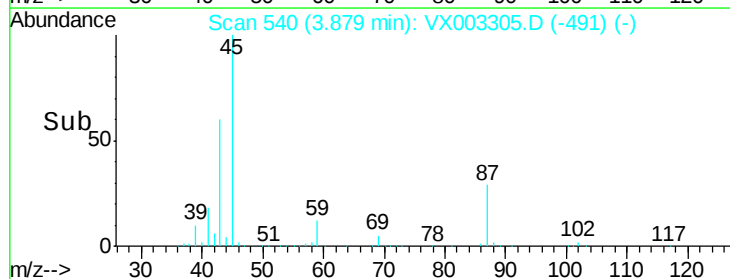
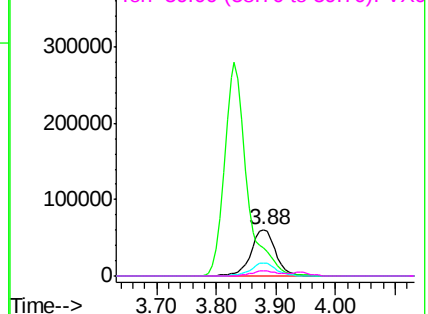
Abundance

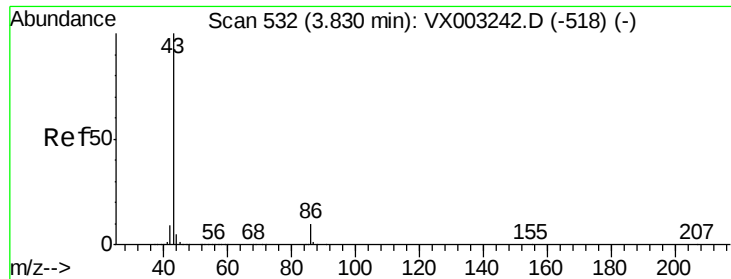
Ion 45.00 (44.70 to 45.70): VX0

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: 86.80 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

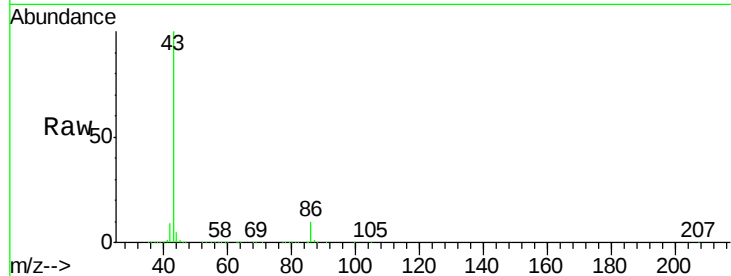
VX0710WBSD02

Tot Ion: 43 Resp: 730580

Ion Ratio Lower Upper

43 100

86 10.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

300000

250000

200000

150000

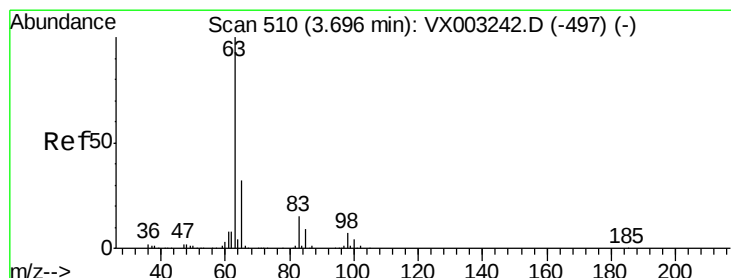
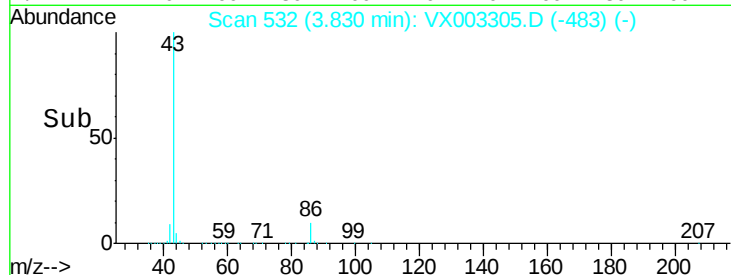
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.38 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

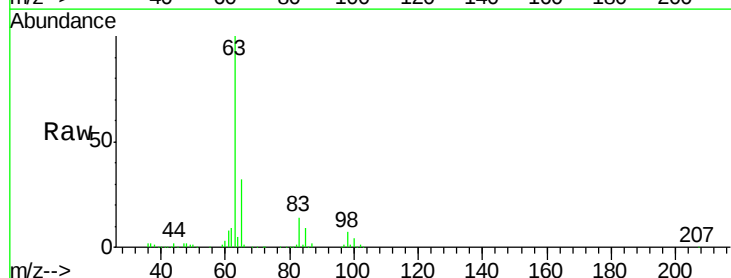
Tgt Ion: 63 Resp: 100014

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

30000

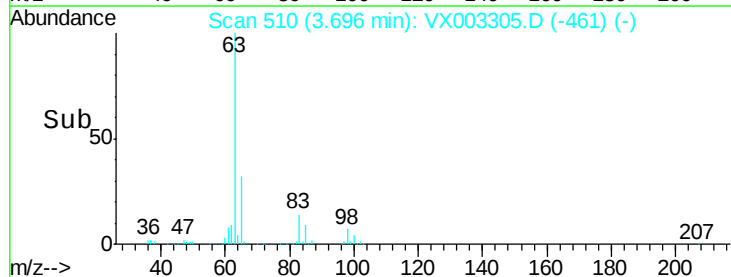
20000

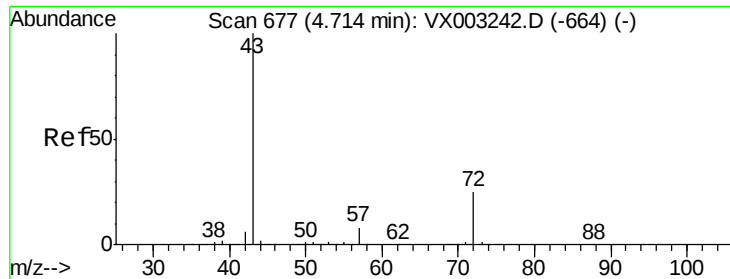
10000

0

3.60 3.70 3.80

Time-->

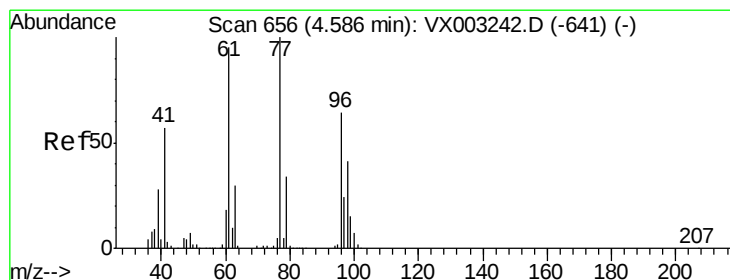
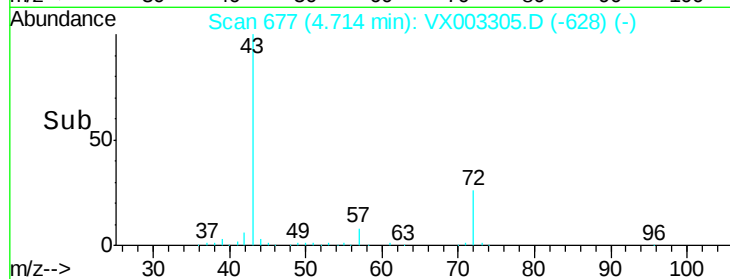
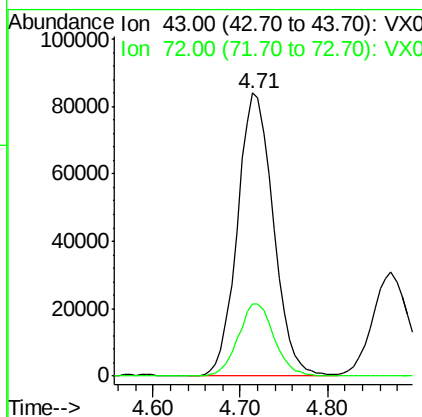
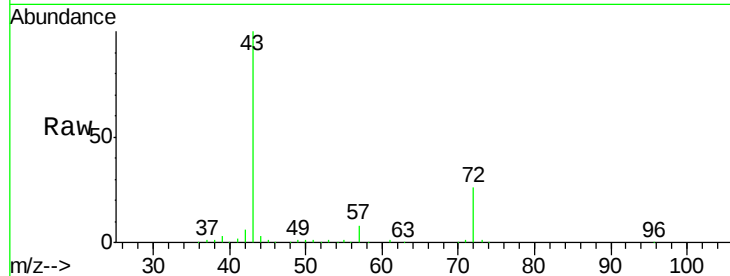




#25
 2-Butanone
 Concen: 103.31 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

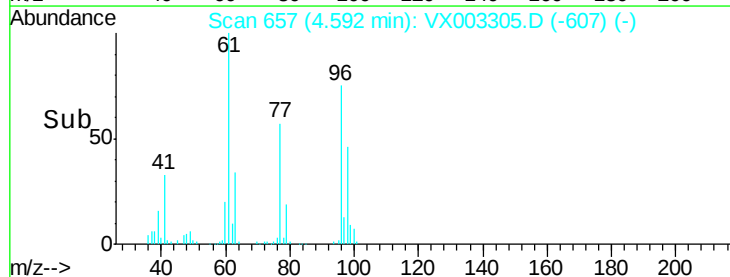
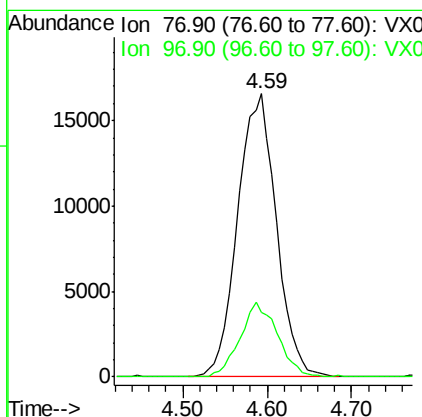
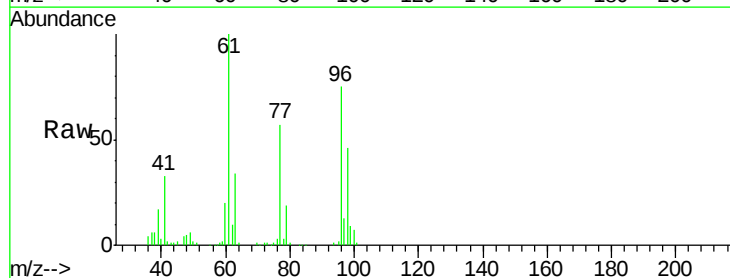
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

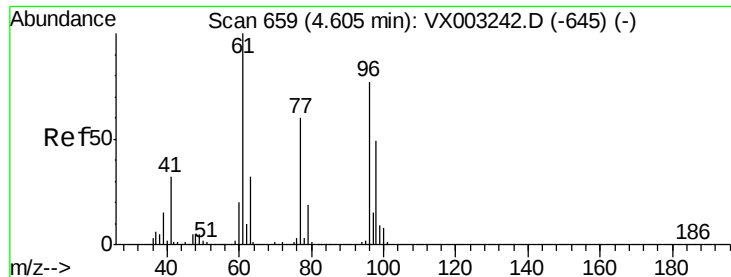
Tot Ion: 43 Resp: 239106
 Ion Ratio Lower Upper
 43 100
 72 25.6 18.5 27.7



#26
 2,2-Dichloropropane
 Concen: 11.43 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion: 77 Resp: 51602
 Ion Ratio Lower Upper
 77 100
 97 25.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.66 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

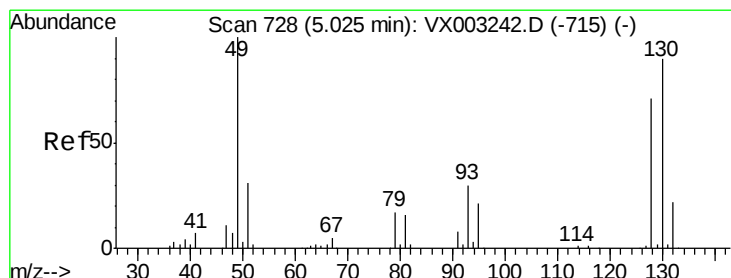
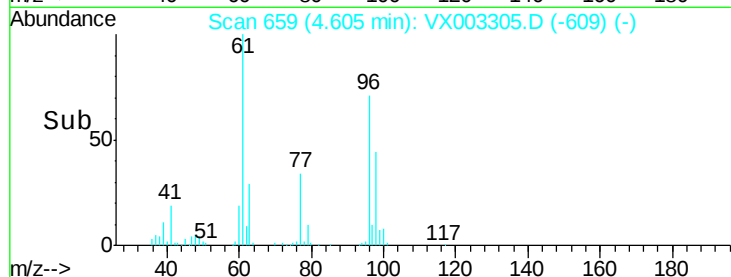
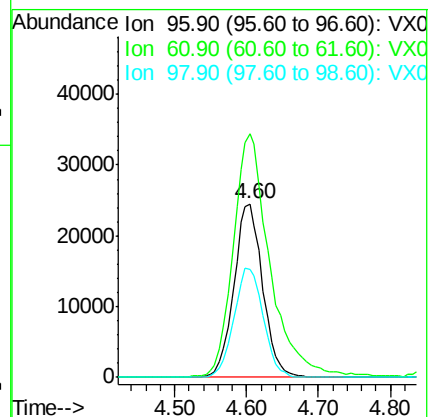
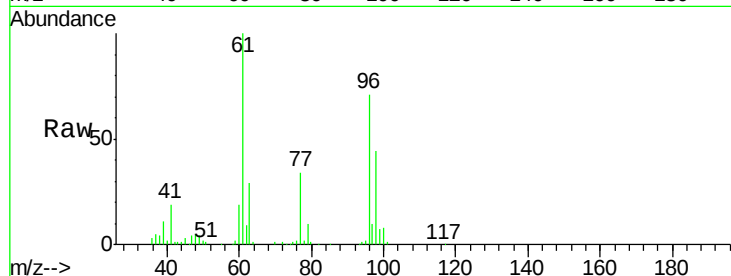
Tot Ion: 96 Resp: 67749

Ion Ratio Lower Upper

96 100

61 179.3 0.0 330.2

98 64.6 0.0 130.2



#28

Bromochloromethane

Concen: 20.32 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

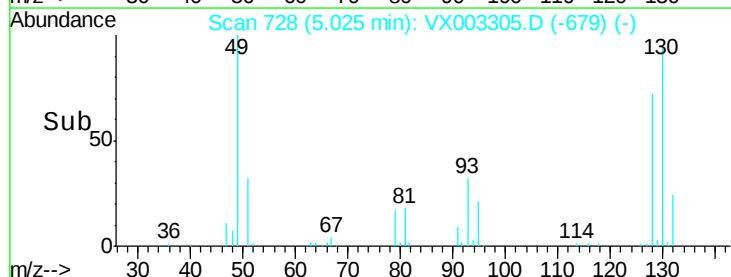
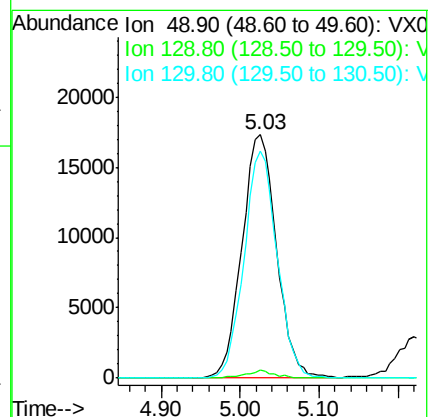
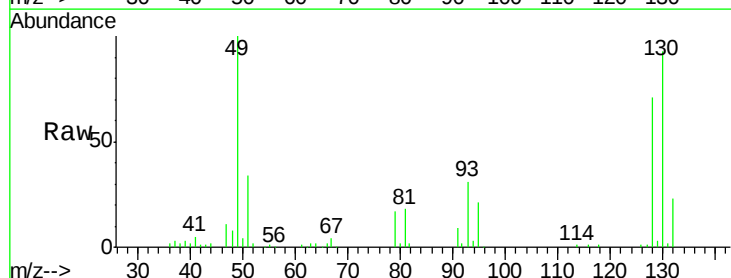
Tgt Ion: 49 Resp: 52820

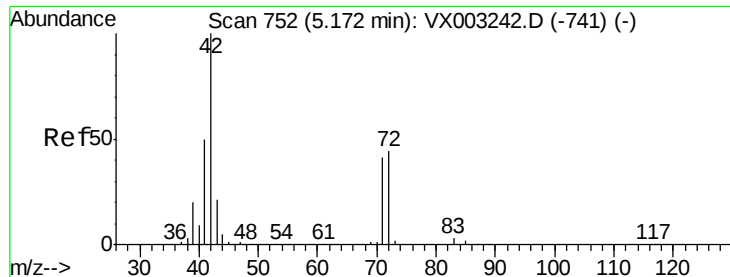
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 89.2 61.2 91.8

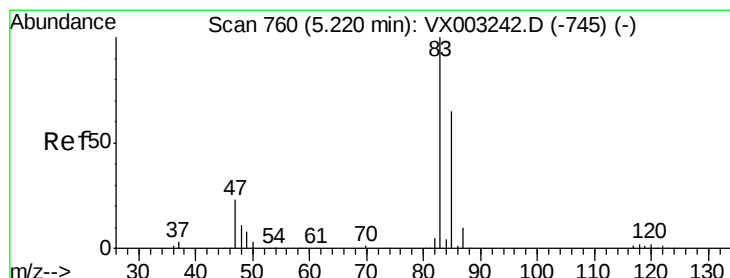
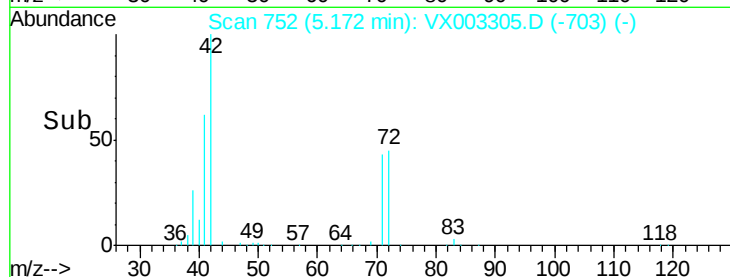
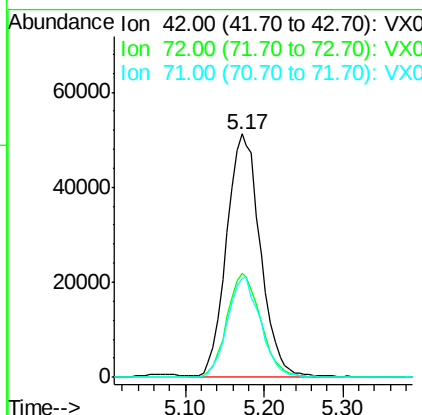
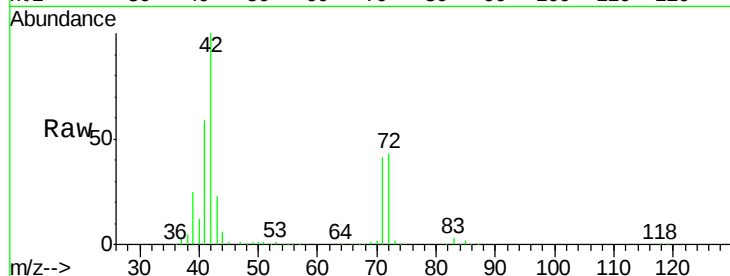




#29
Tetrahydrofuran
Concen: 100.91 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

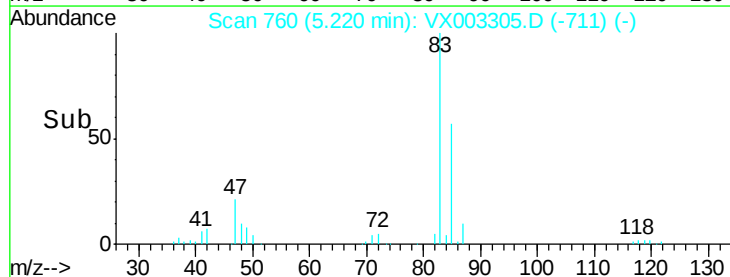
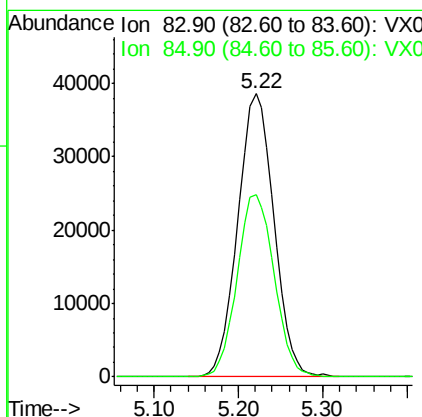
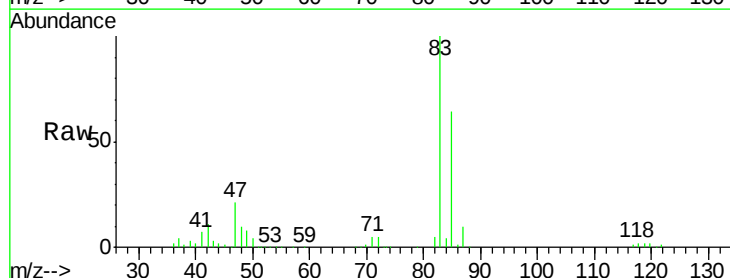
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

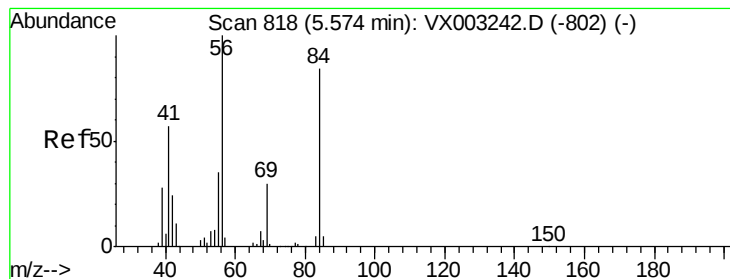
Tot Ion: 42 Resp: 151586
Ion Ratio Lower Upper
42 100
72 43.3 32.0 48.0
71 40.7 30.1 45.1



#30
Chloroform
Concen: 19.79 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion: 83 Resp: 112352
Ion Ratio Lower Upper
83 100
85 64.2 50.4 75.6





#31

Cyclohexane

Concen: 19.41 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleID :

VX0710WBSD02

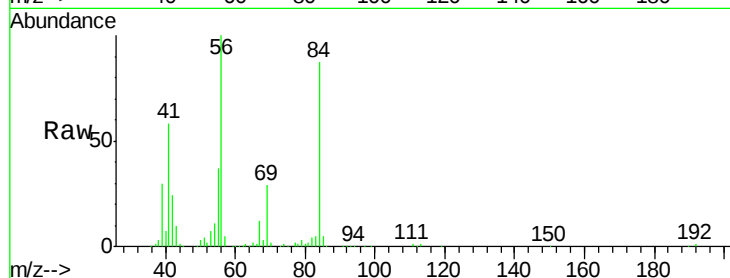
Tot Ion: 56 Resp: 93774

Ion Ratio Lower Upper

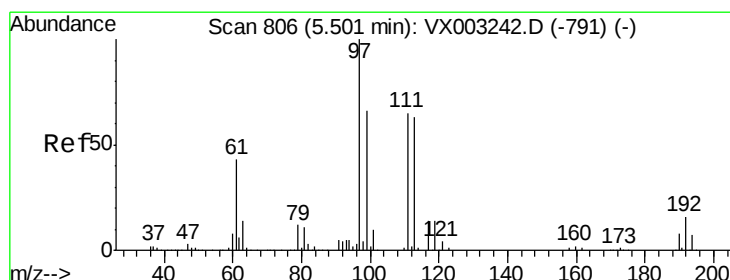
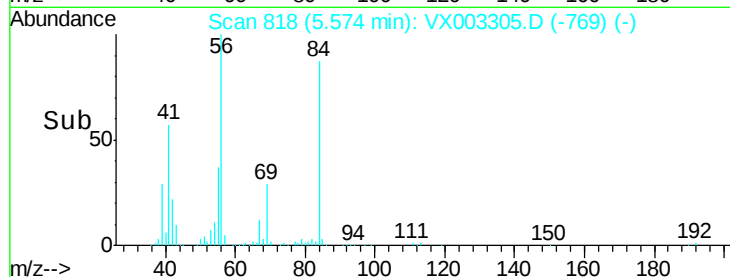
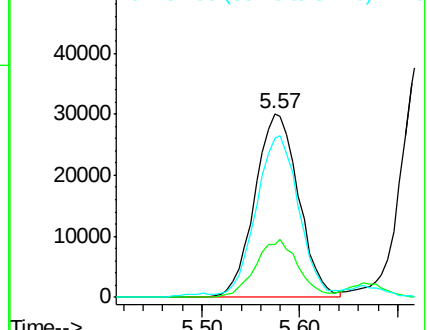
56 100

69 29.0 23.7 35.5

84 85.3 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.86 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

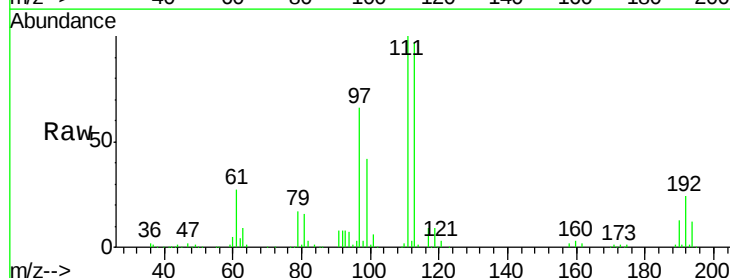
Tgt Ion: 97 Resp: 99463

Ion Ratio Lower Upper

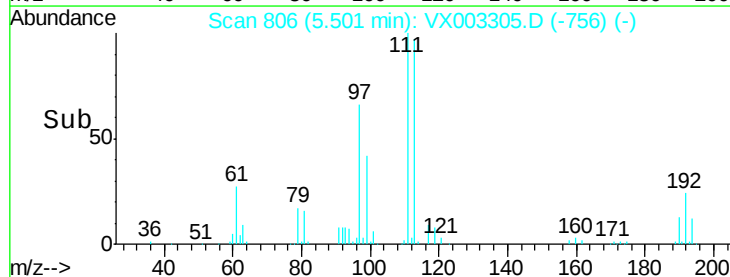
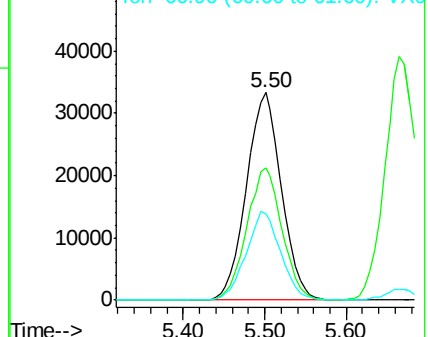
97 100

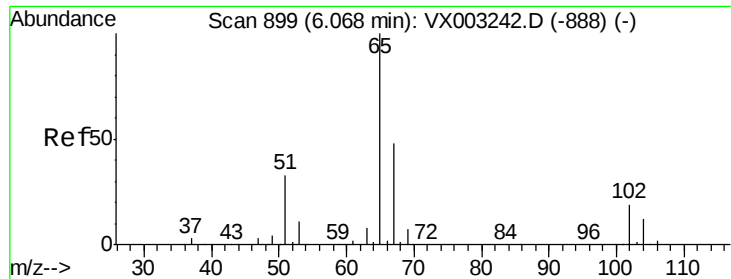
99 64.2 51.6 77.4

61 42.2 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

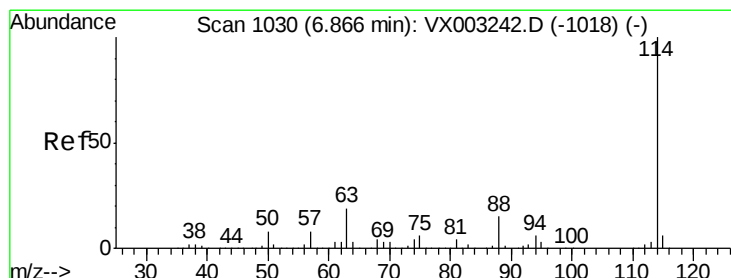
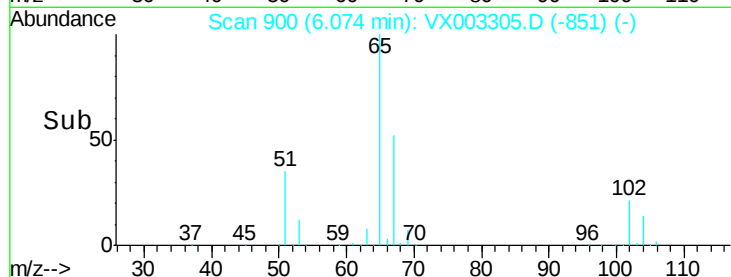
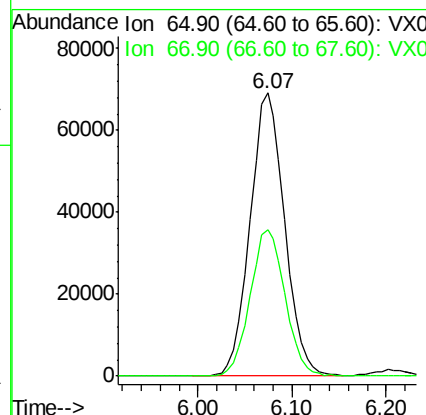
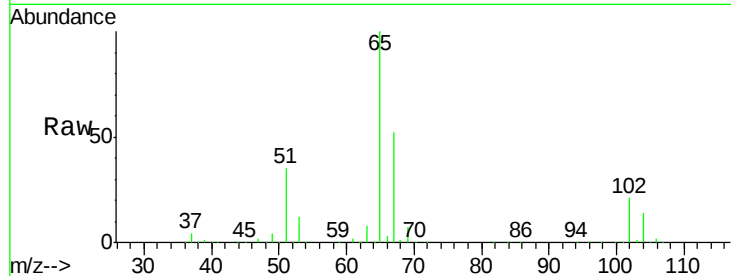




#33
 1,2-Dichloroethane-d4
 Concen: 48.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

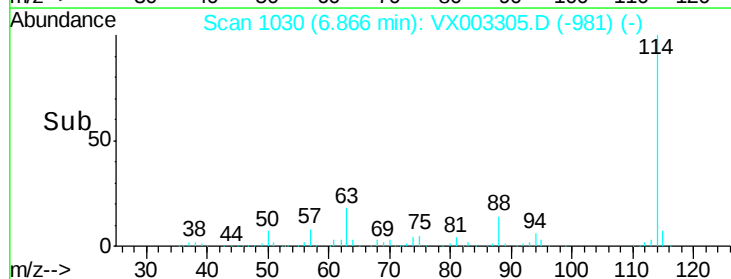
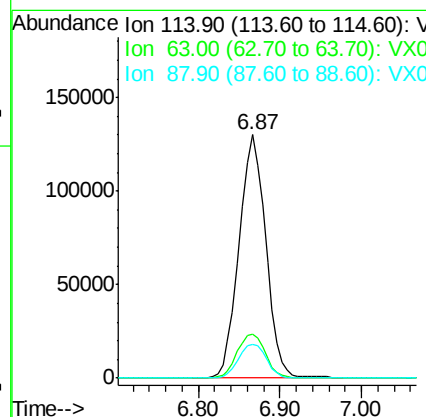
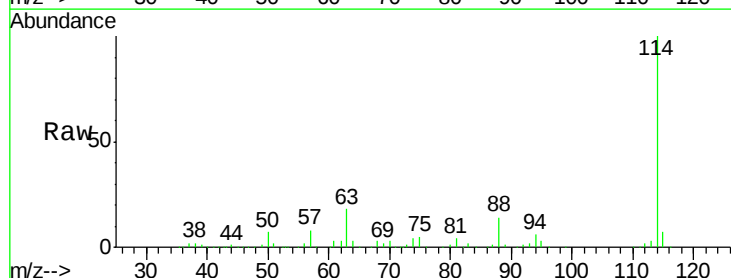
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

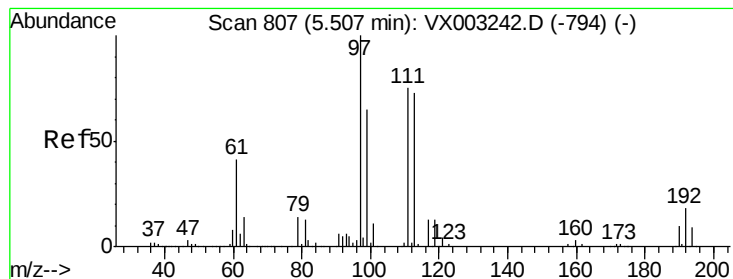
Tot Ion: 65 Resp: 177730
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion: 114 Resp: 295973
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 41.4
 88 14.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.05 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

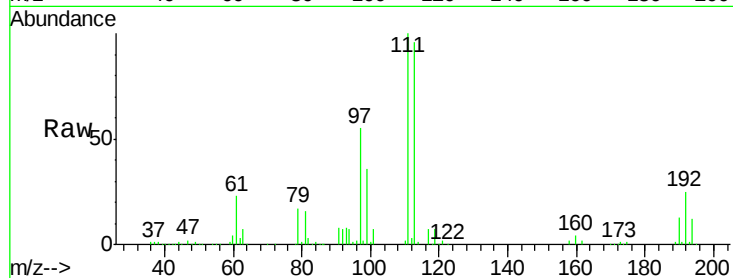
Tot Ion:113 Resp: 152771

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

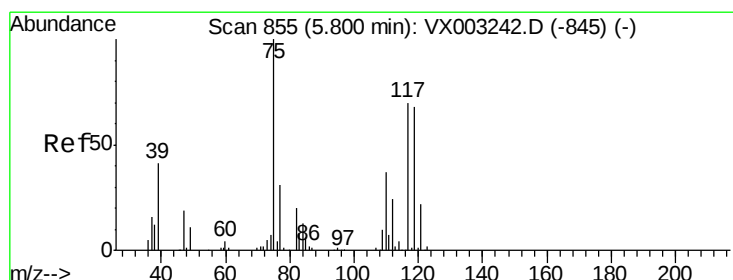
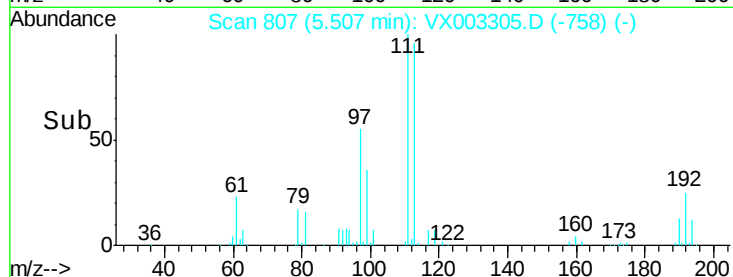
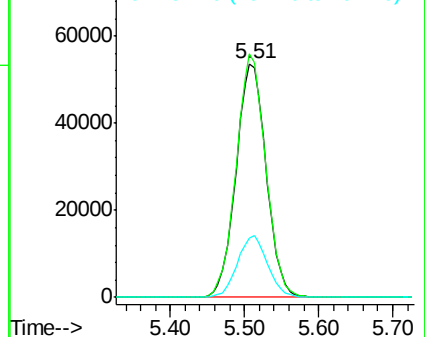
192 26.3 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.54 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

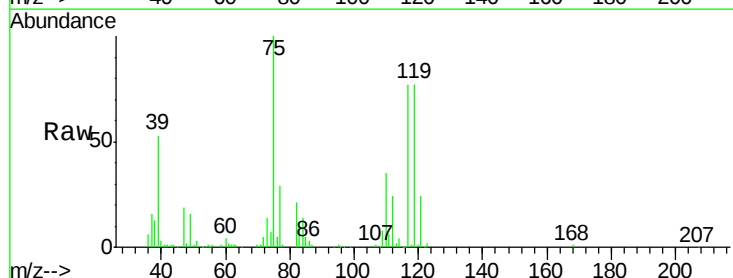
Tgt Ion: 75 Resp: 81881

Ion Ratio Lower Upper

75 100

110 38.1 18.1 54.4

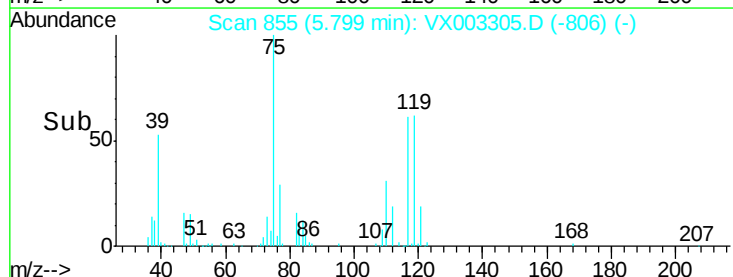
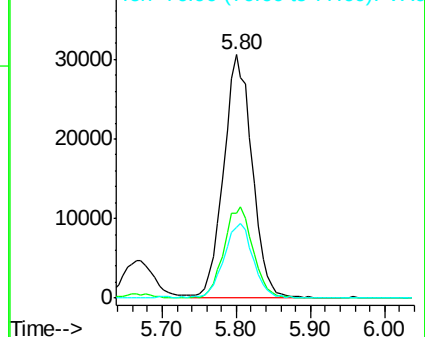
77 31.3 24.3 36.5

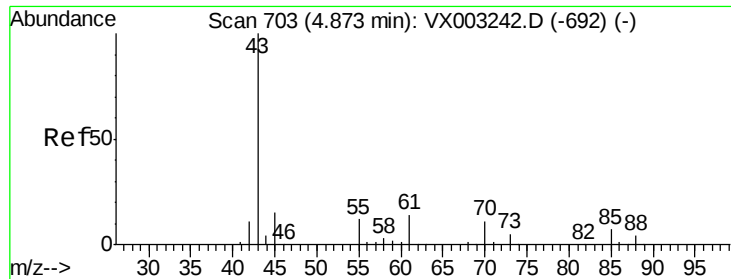


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

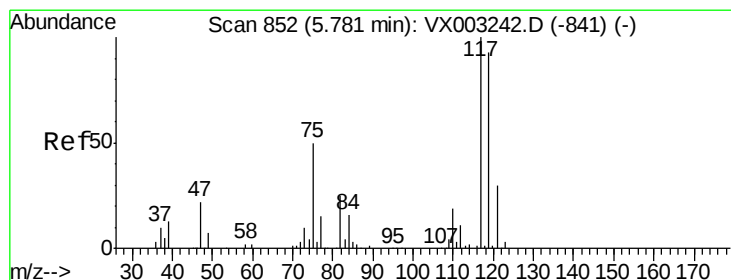
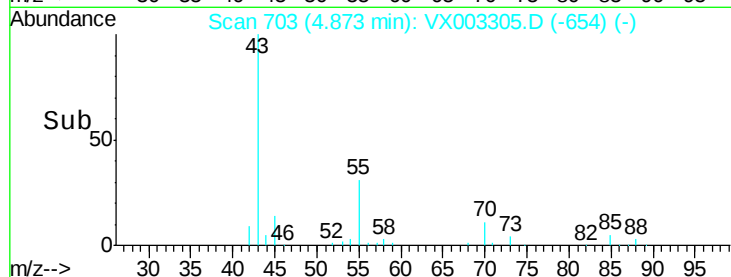
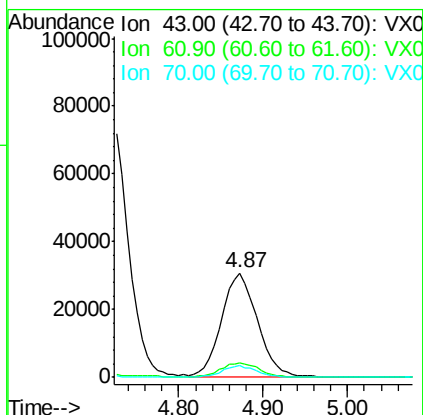
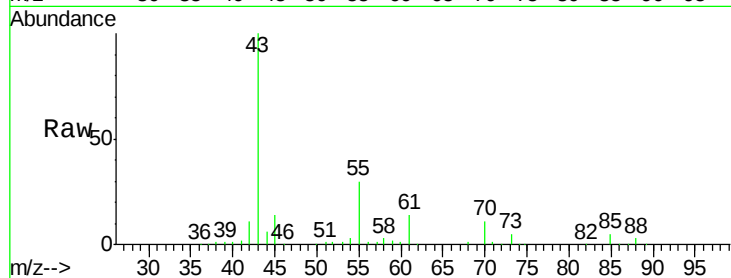




#37
Ethyl Acetate
Concen: 19.28 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

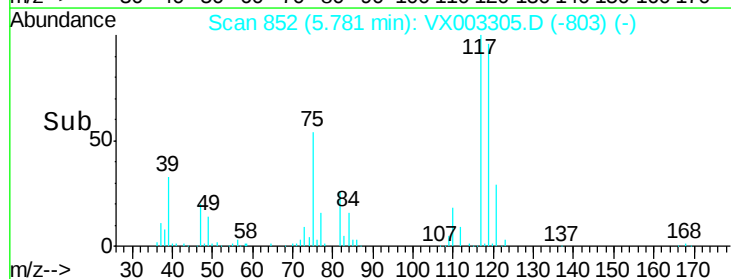
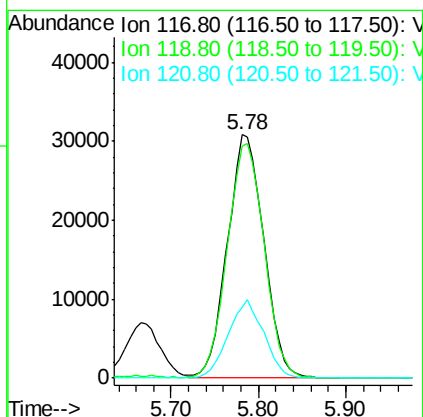
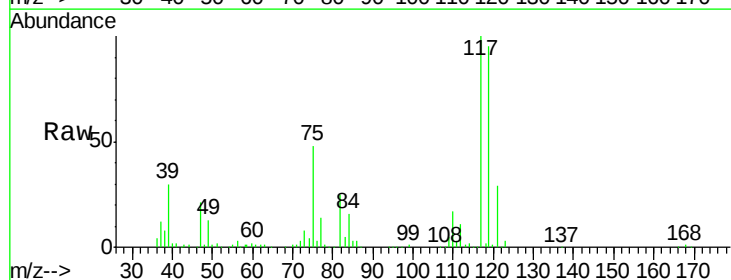
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion: 43 Resp: 88540
Ion Ratio Lower Upper
43 100
61 14.1 10.4 15.6
70 10.9 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.56 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion: 117 Resp: 89635
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
121 29.0 24.4 36.6

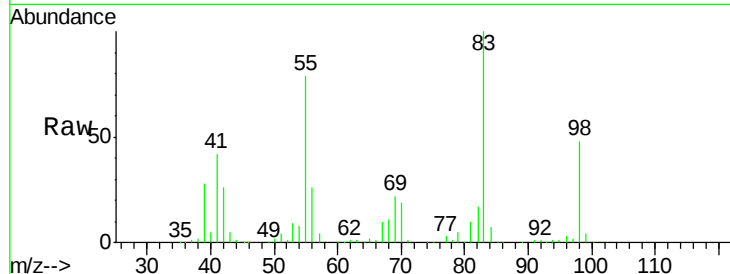




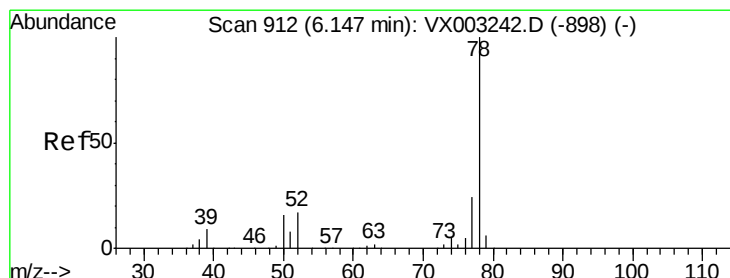
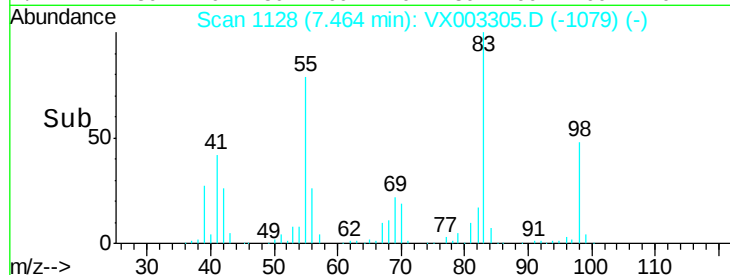
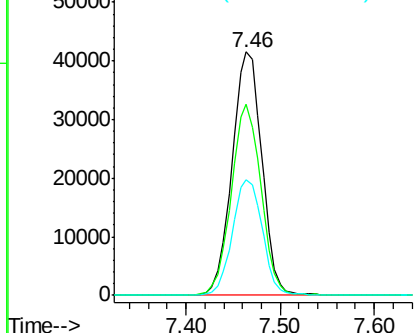
#39
Methvlcvclohexane
Concen: 18.54 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion: 83 Resp: 91535
Ion Ratio Lower Upper
83 100
55 78.5 65.4 98.0
98 47.7 37.4 56.0

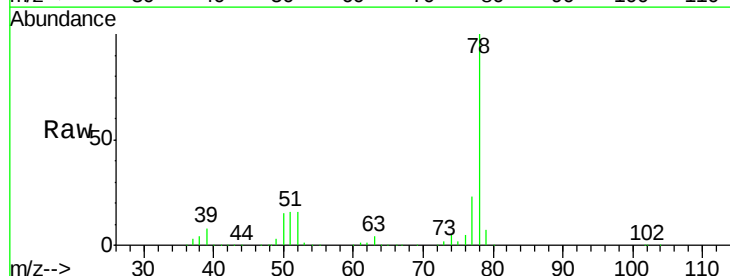


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

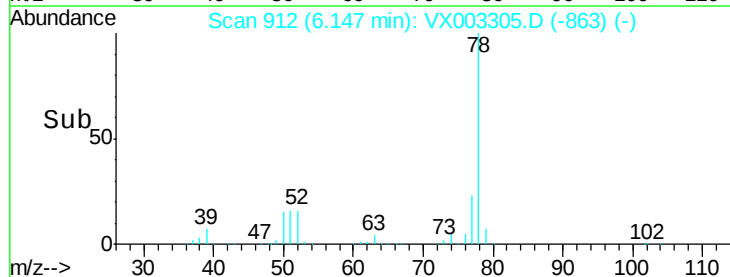
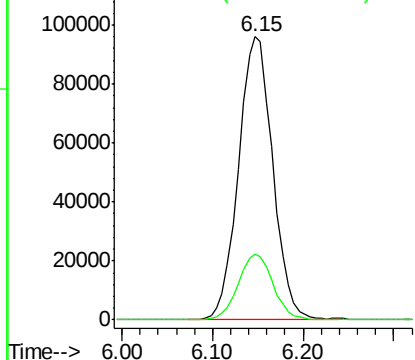


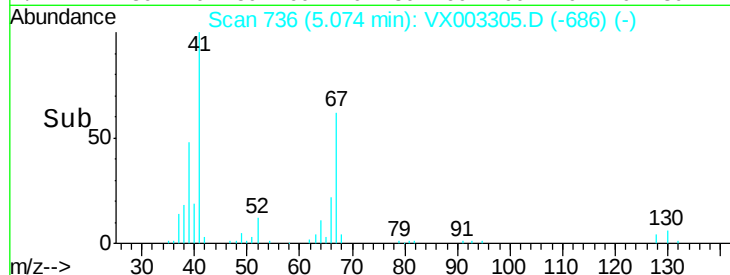
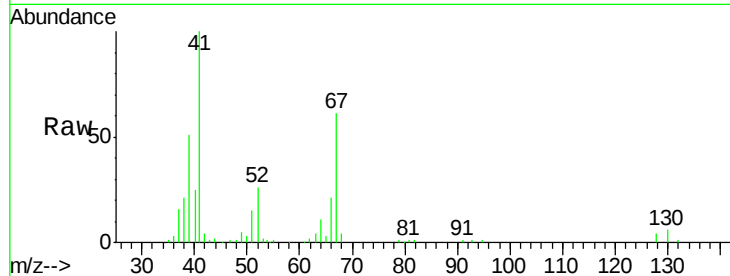
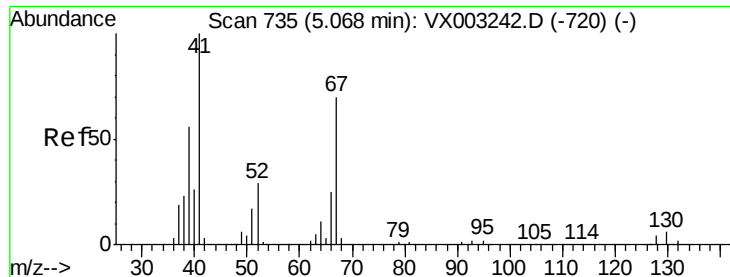
#40
Benzene
Concen: 20.25 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion: 78 Resp: 251466
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

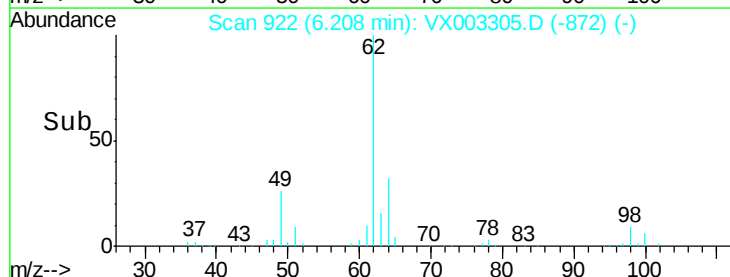
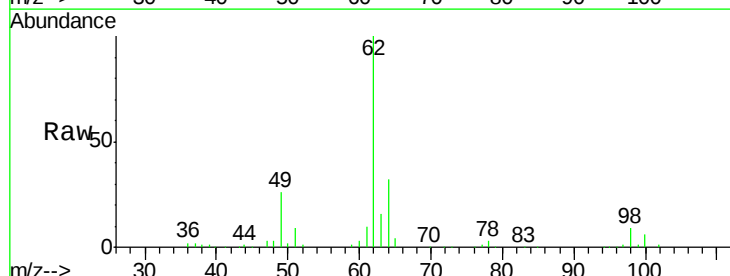
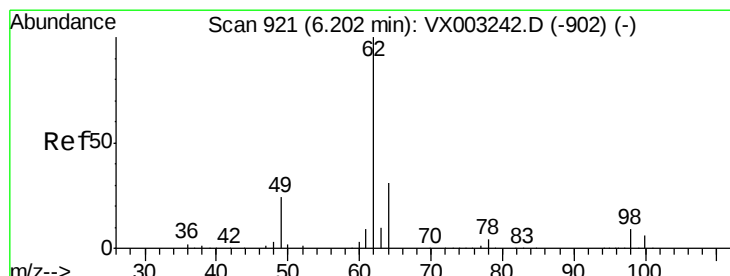
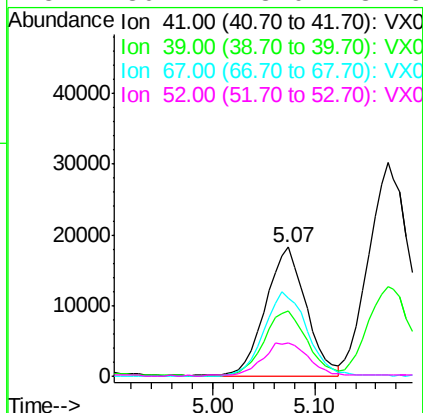




#41
Methacrylonitrile
Concen: 19.85 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

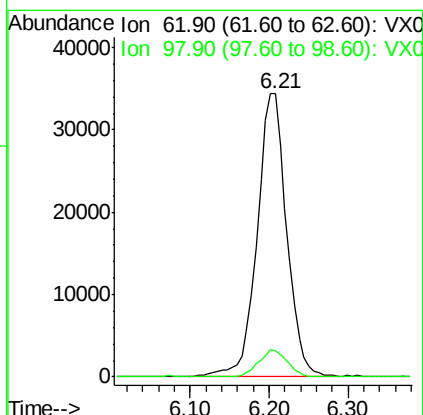
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

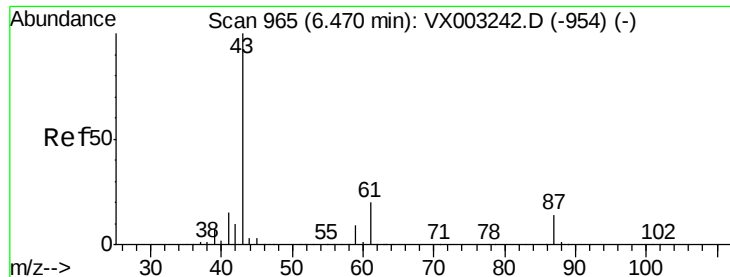
Tot Ion:	41	Resp:	49928
Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.8	68.6
67	70.0	51.3	76.9
52	30.4	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.32 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion:	62	Resp:	89644
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.39 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

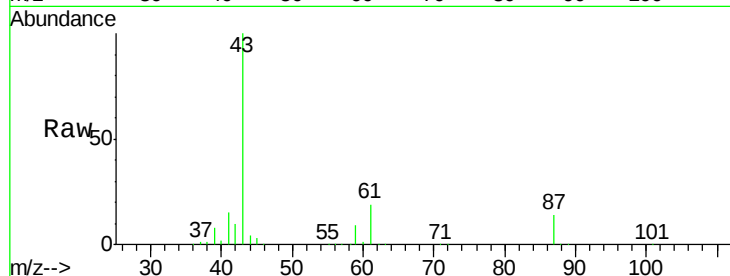
Tot Ion: 43 Resp: 139886

Ion Ratio Lower Upper

43 100

61 20.1 14.4 21.6

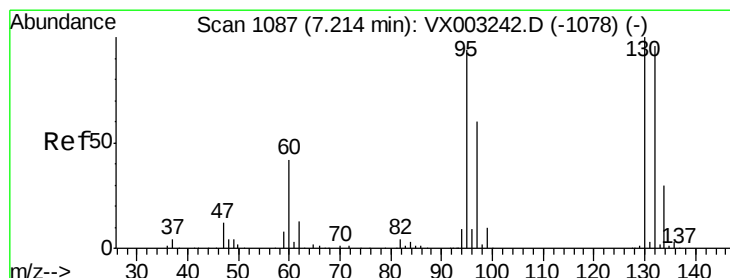
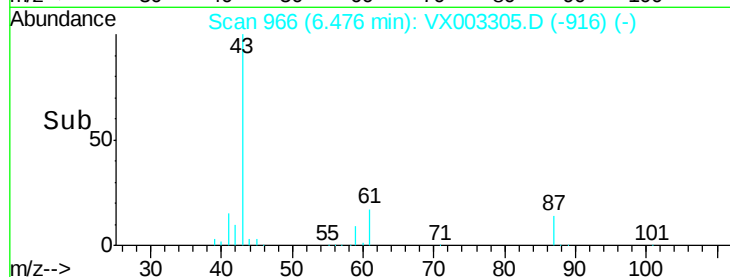
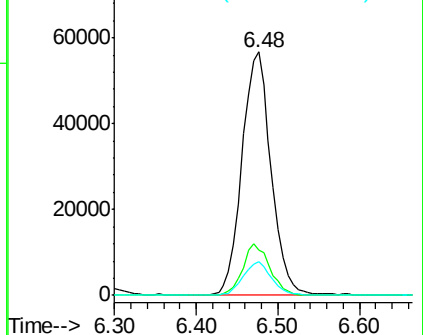
87 13.5 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.70 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003305.D

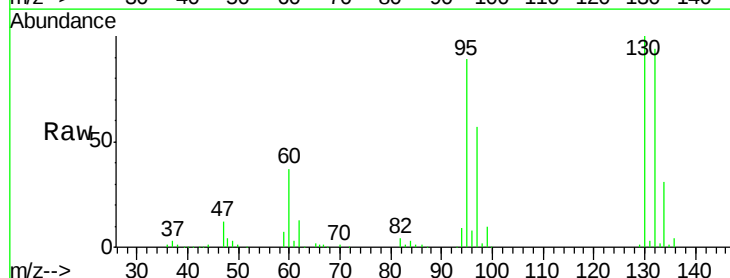
Acq: 11 Jul 2018 01:30

Tgt Ion:130 Resp: 76010

Ion Ratio Lower Upper

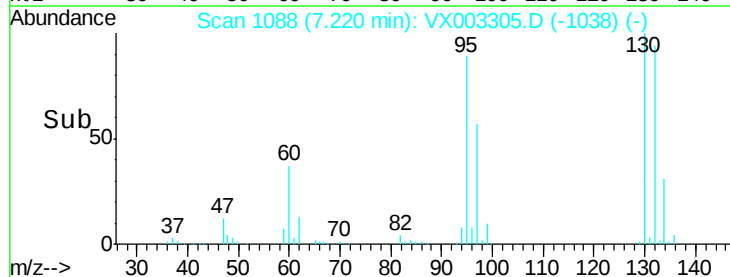
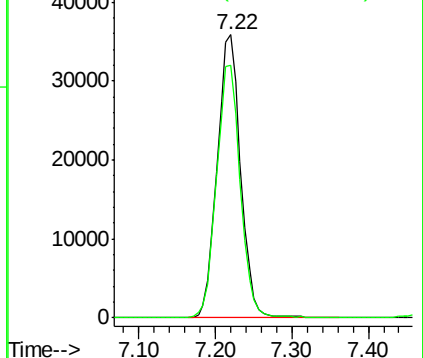
130 100

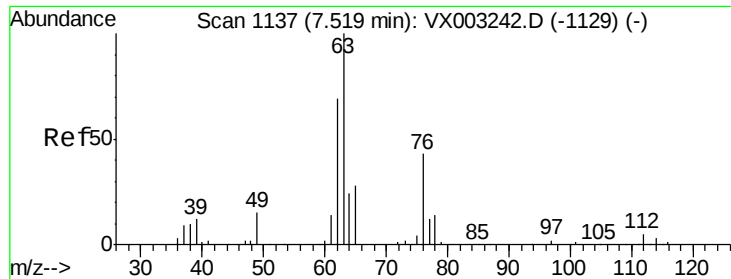
95 89.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

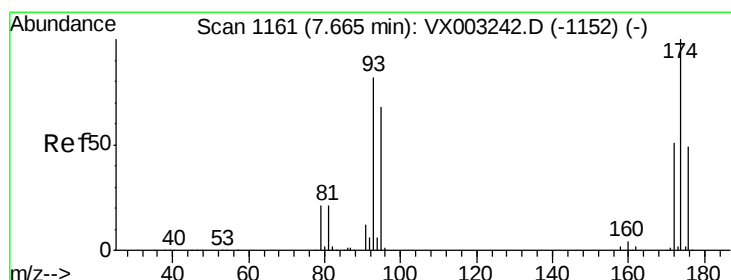
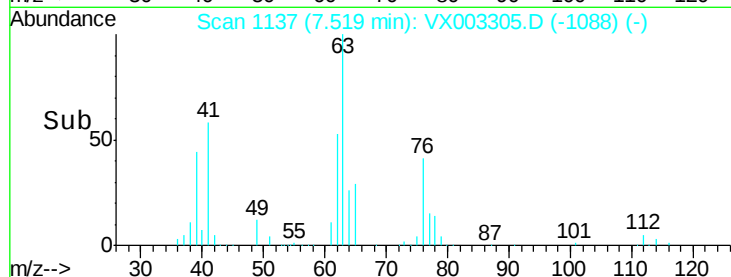
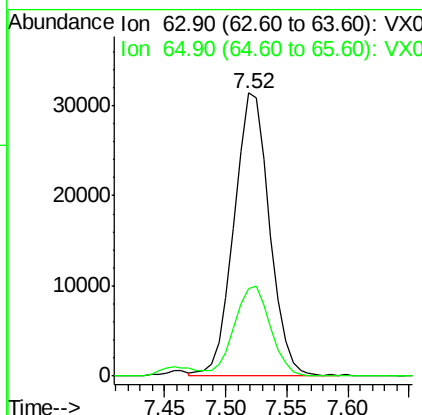
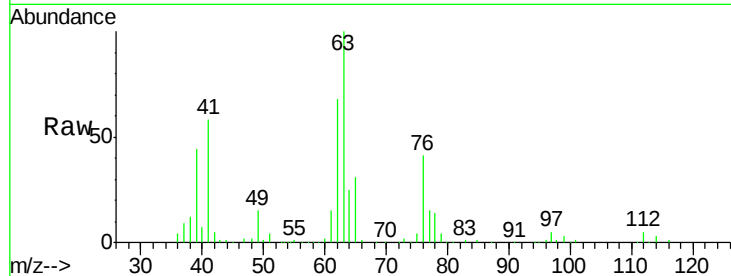




#45
 1,2-Dichloropropane
 Concen: 19.40 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

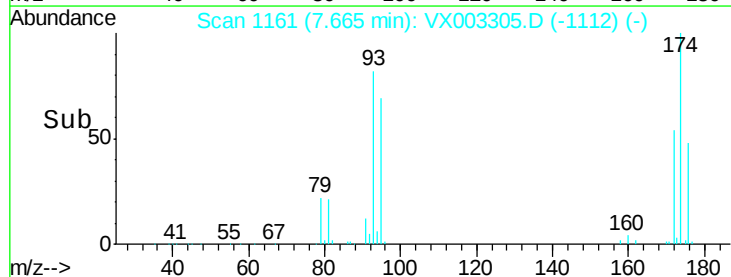
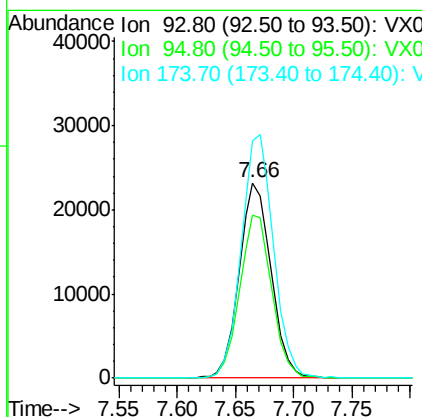
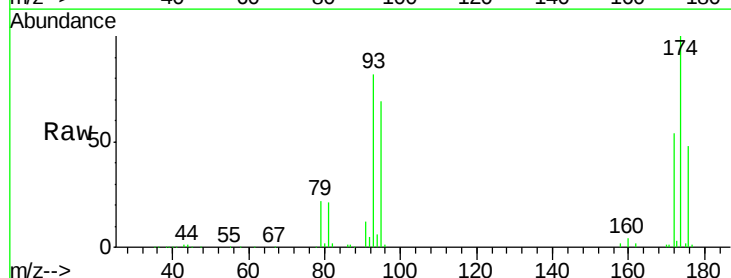
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

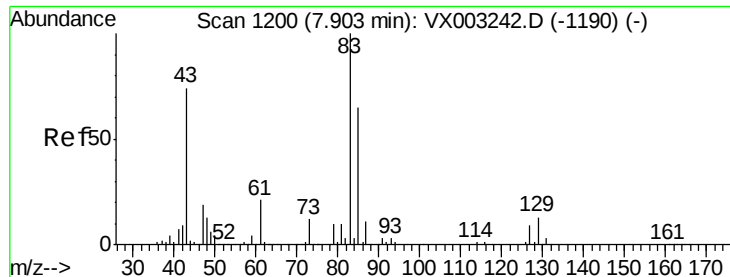
Tot Ion: 63 Resp: 62610
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1



#46
 Dibromomethane
 Concen: 20.17 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion: 93 Resp: 44390
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.9 98.9
 174 126.2 92.4 138.6





#47

Bromodichloromethane

Concen: 19.83 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

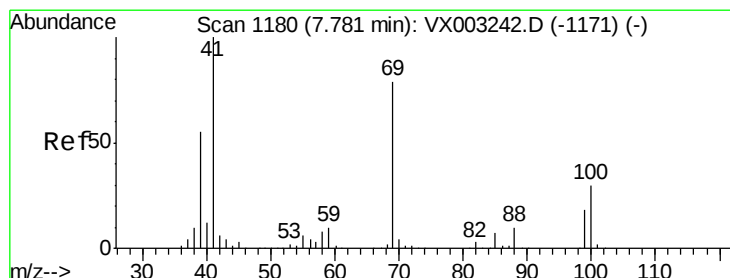
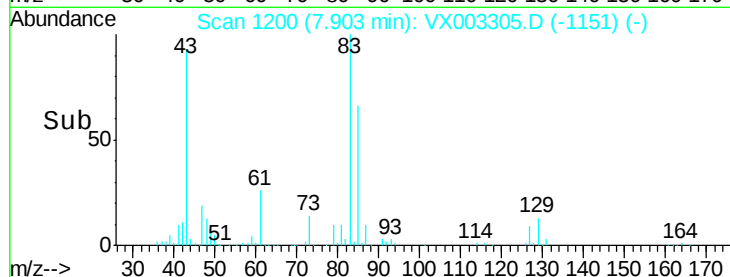
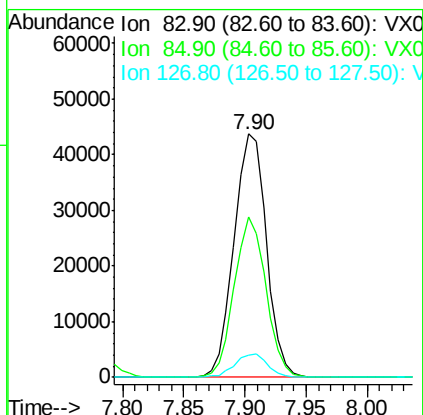
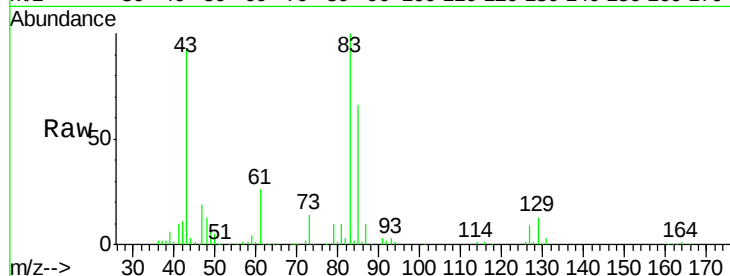
Tot Ion: 83 Resp: 80506

Ion Ratio Lower Upper

83 100

85 65.9 50.3 75.5

127 9.3 7.0 10.4



#48

Methyl methacrylate

Concen: 20.25 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

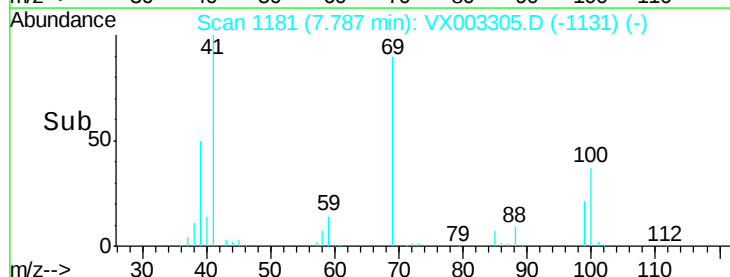
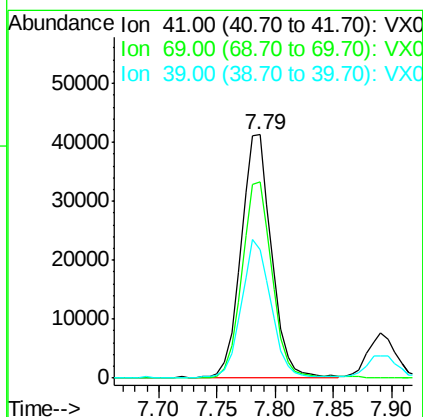
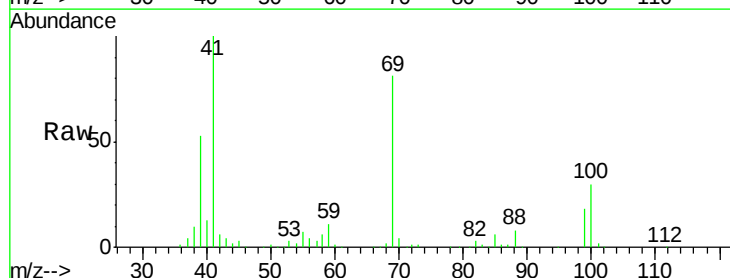
Tgt Ion: 41 Resp: 74901

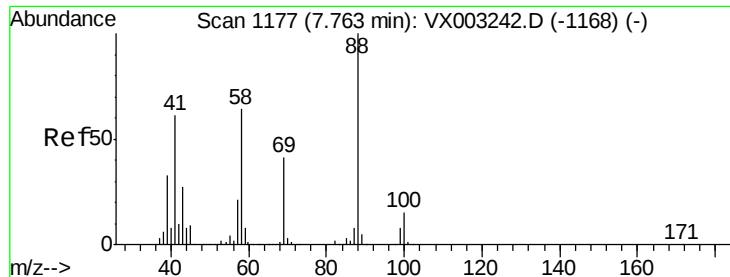
Ion Ratio Lower Upper

41 100

69 80.8 59.1 88.7

39 55.3 48.9 73.3

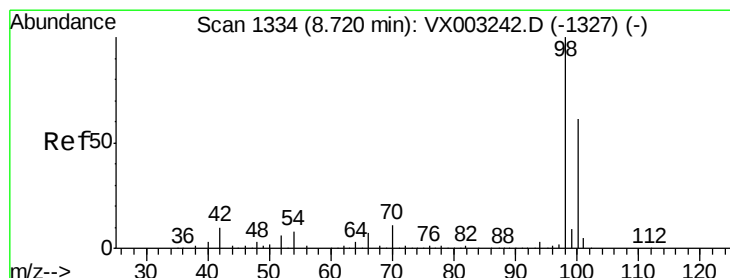
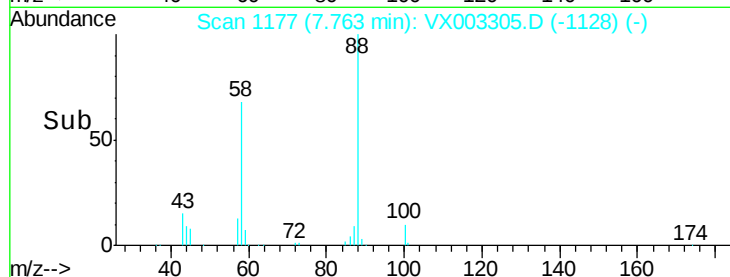
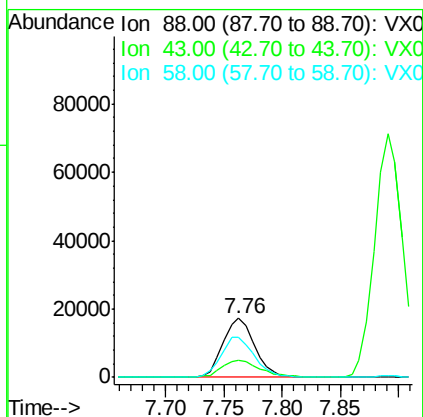
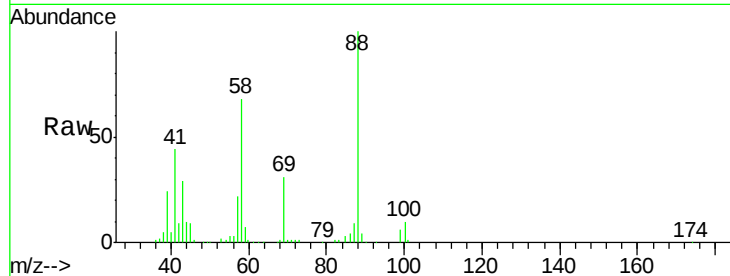




#49
1,4-Dioxane
Concen: 425.52 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

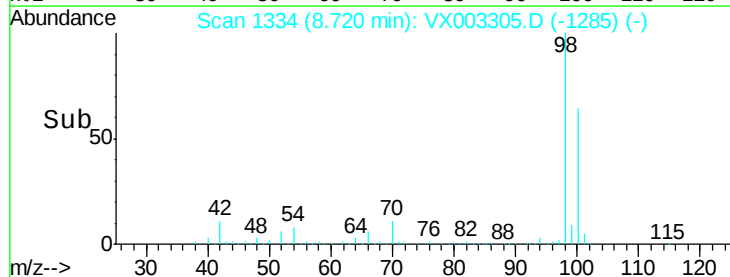
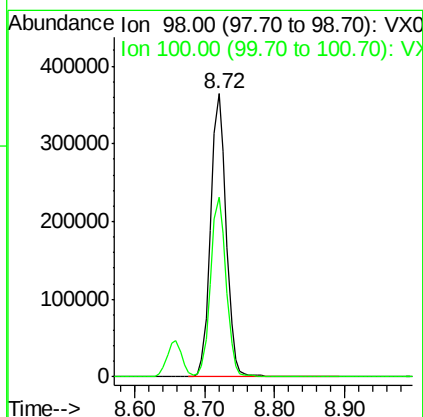
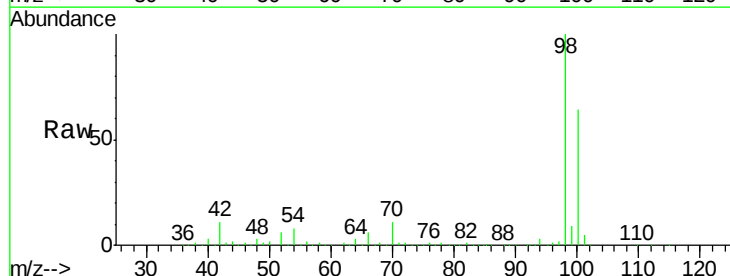
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion: 88 Resp: 32913
Ion Ratio Lower Upper
88 100
43 33.1 29.8 44.6
58 71.4 57.1 85.7



#50
Toluene-d8
Concen: 49.83 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion: 98 Resp: 562756
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 107.73 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

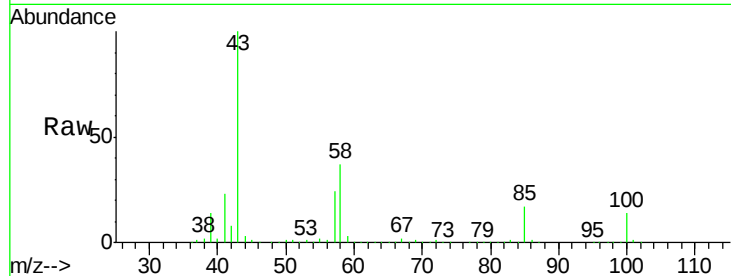
VX0710WBSD02

Tot Ion: 43 Resp: 483752

Ion Ratio Lower Upper

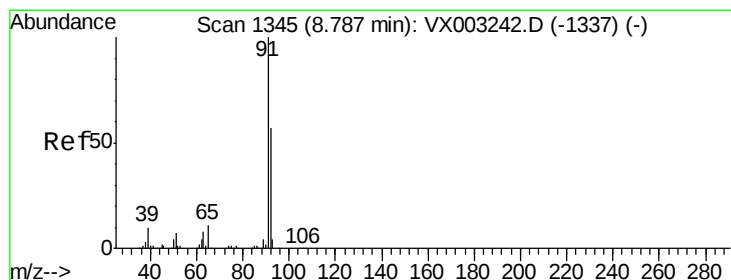
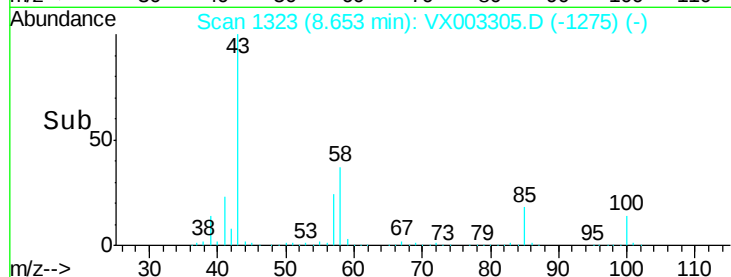
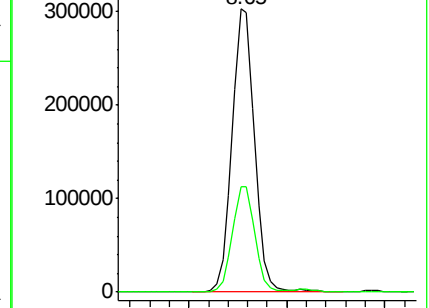
43 100

58 37.1 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: 20.51 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003305.D

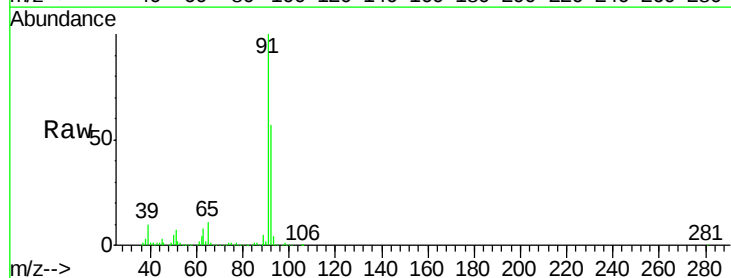
Acq: 11 Jul 2018 01:30

Tgt Ion: 92 Resp: 160980

Ion Ratio Lower Upper

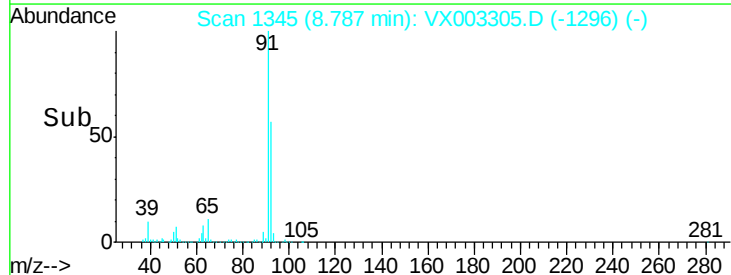
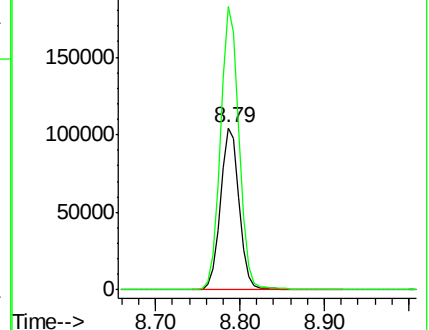
92 100

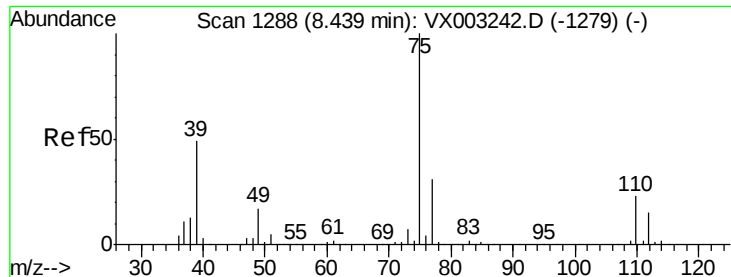
91 173.2 140.4 210.6



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: 18.28 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

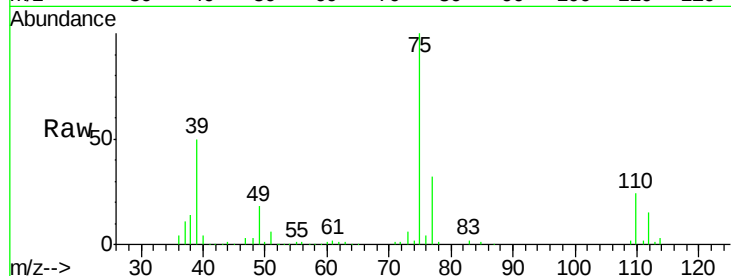
VX0710WBSD02

Tot Ion: 75 Resp: 87344

Ion Ratio Lower Upper

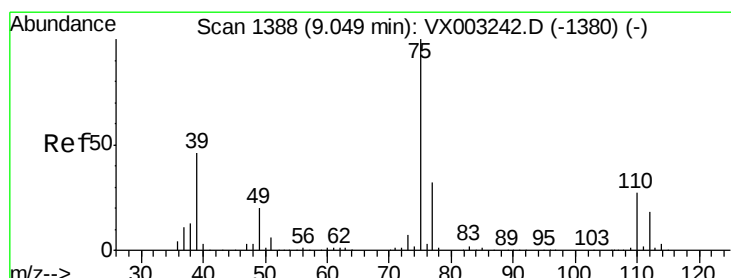
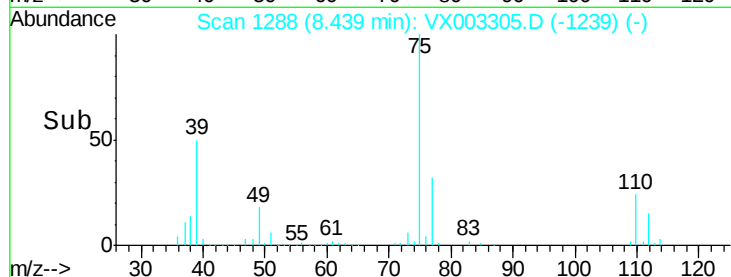
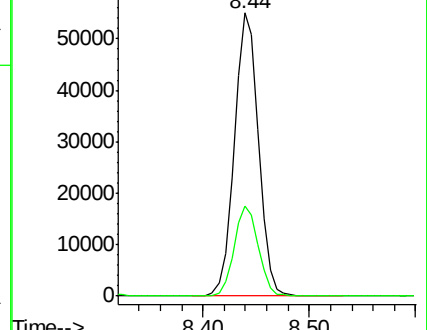
75 100

77 31.7 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: 18.03 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

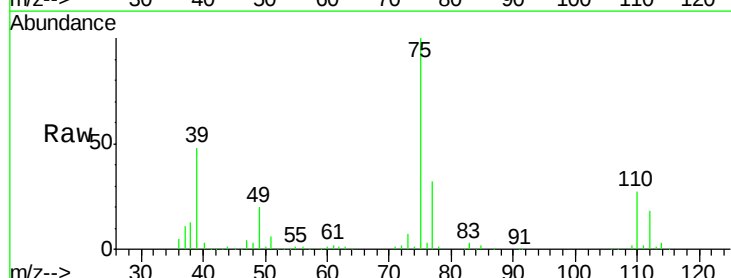
Tgt Ion: 75 Resp: 78404

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

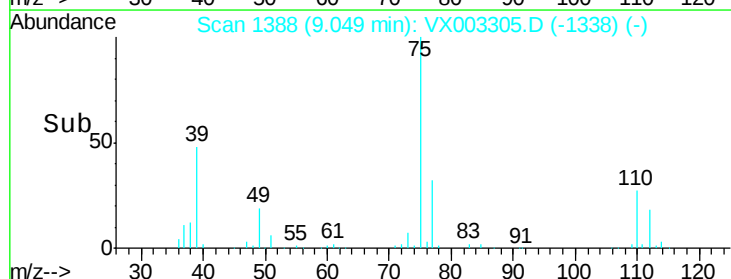
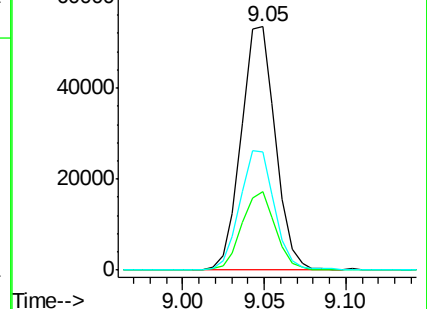
39 48.0 42.4 63.6

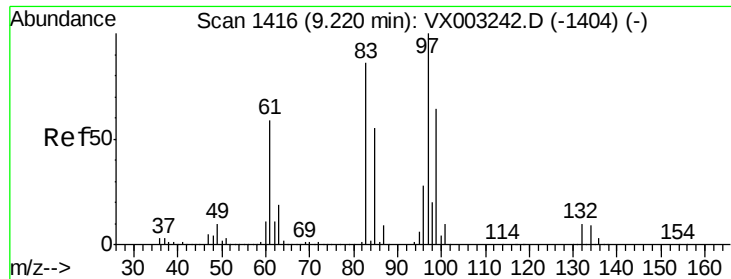


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

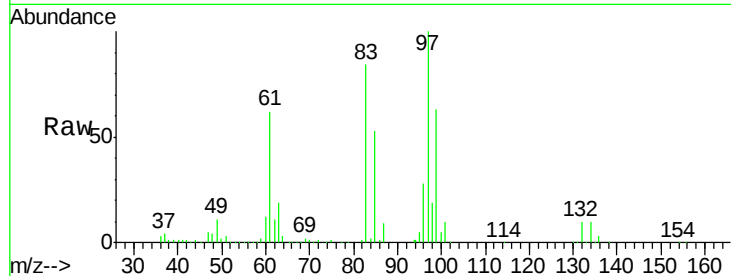




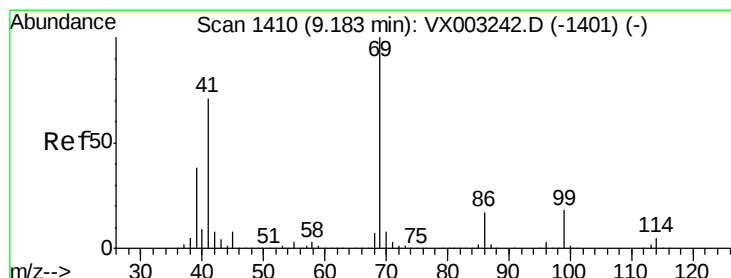
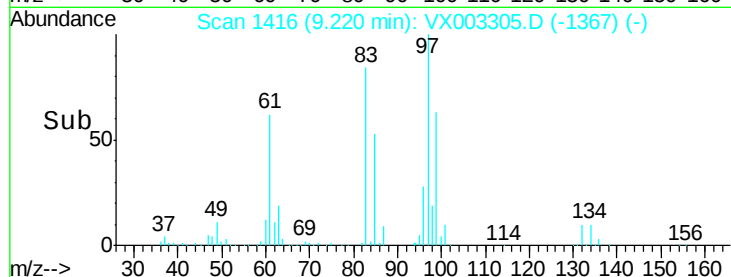
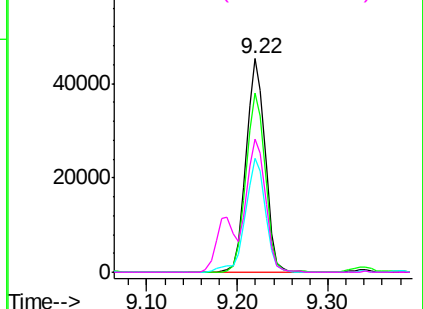
#55
 1,1,2-Trichloroethane
 Concen: 20.28 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Tot Ion: 97 Resp: 66024
 Ion Ratio Lower Upper
 97 100
 83 83.8 70.2 105.2
 85 53.3 44.9 67.3
 99 62.6 49.8 74.8

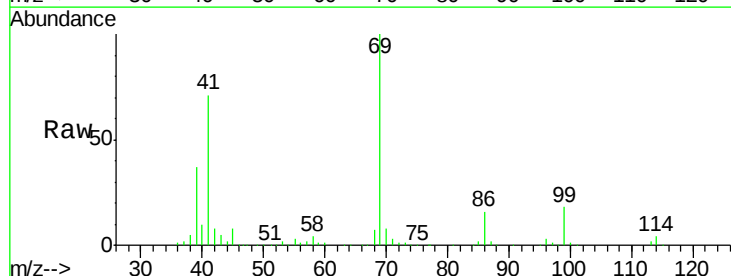


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

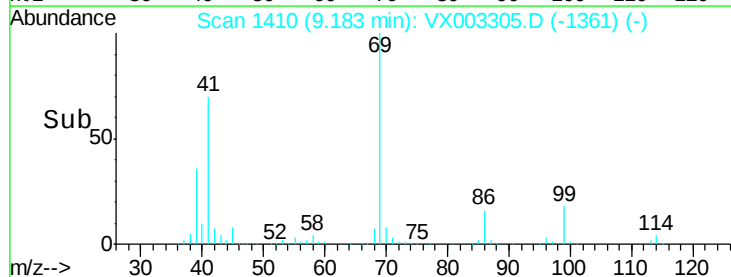
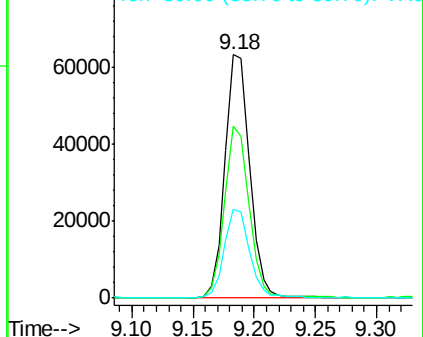


#56
 Ethyl methacrylate
 Concen: 20.04 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion: 69 Resp: 89362
 Ion Ratio Lower Upper
 69 100
 41 69.3 60.3 90.5
 39 37.3 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: 20.33 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

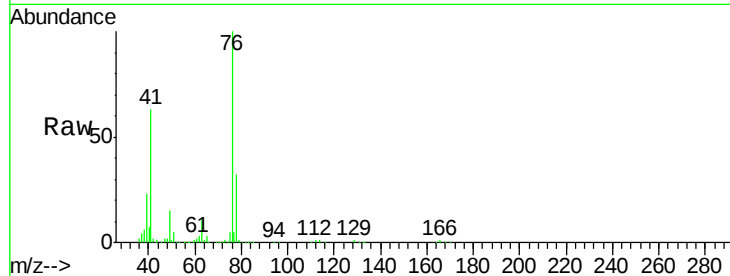
VX0710WBSD02

Tot Ion: 76 Resp: 106617

Ion Ratio Lower Upper

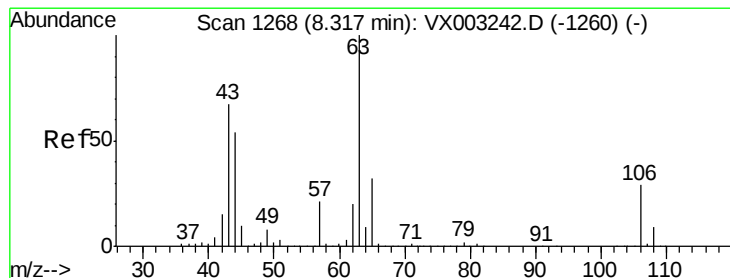
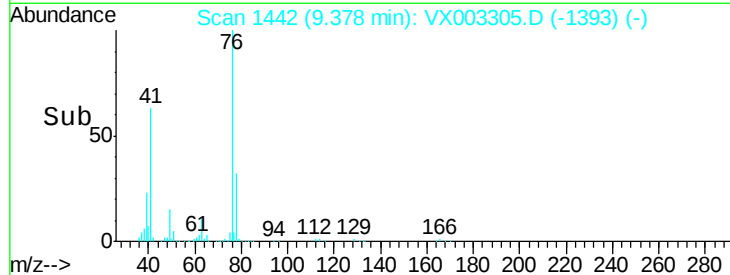
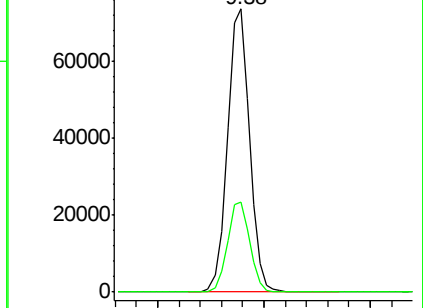
76 100

78 32.4 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: 105.42 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003305.D

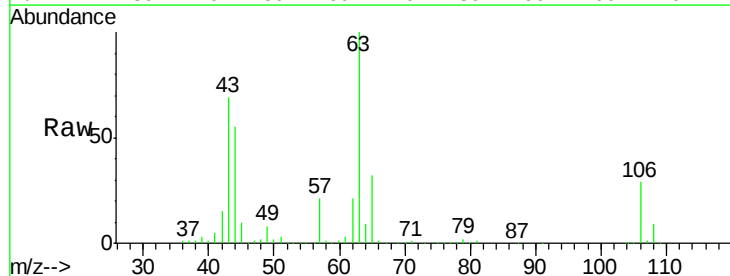
Acq: 11 Jul 2018 01:30

Tgt Ion: 63 Resp: 226805

Ion Ratio Lower Upper

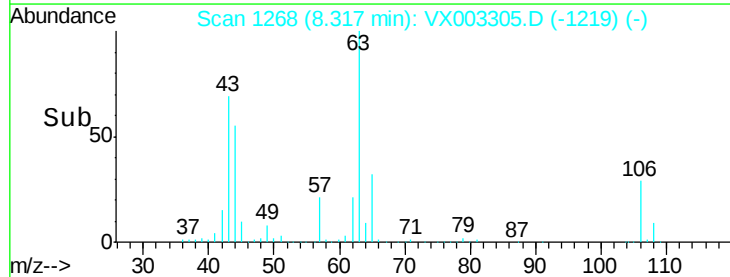
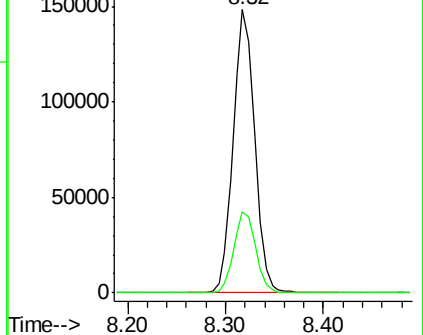
63 100

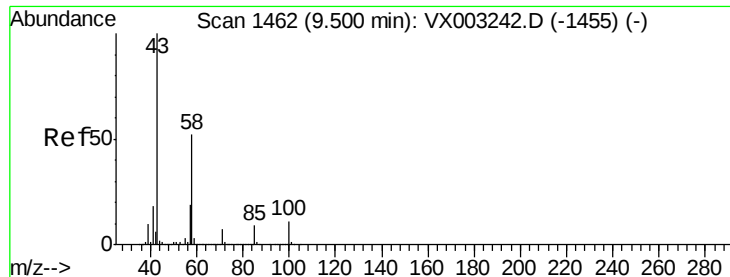
106 29.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

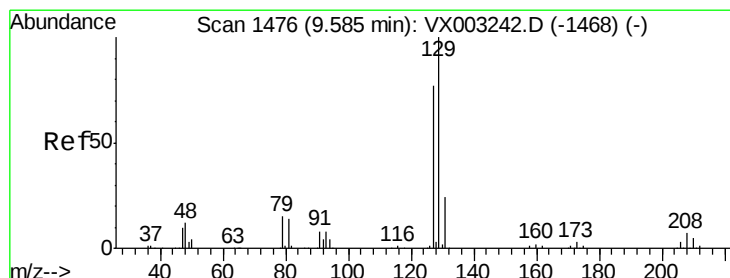
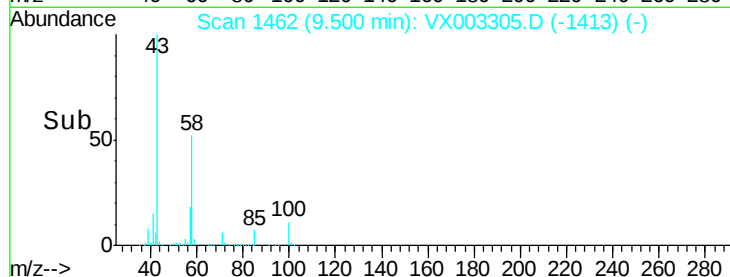
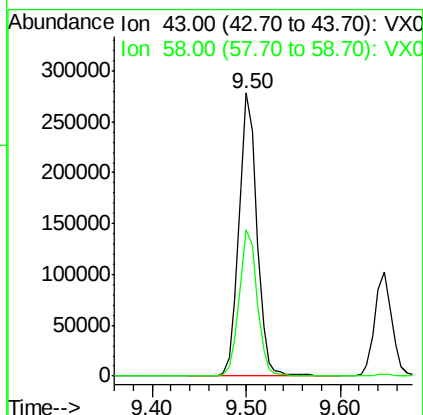
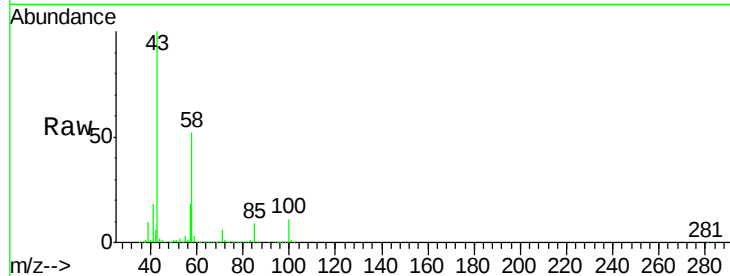




#59
2-Hexanone
Concen: 108.51 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

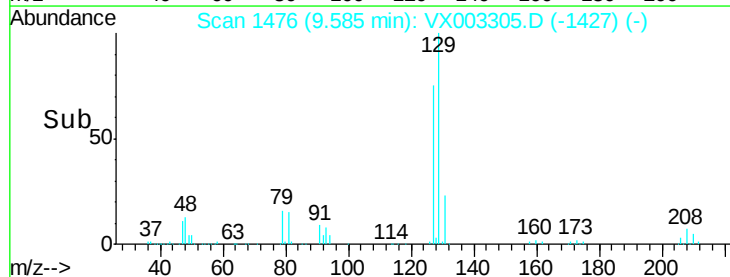
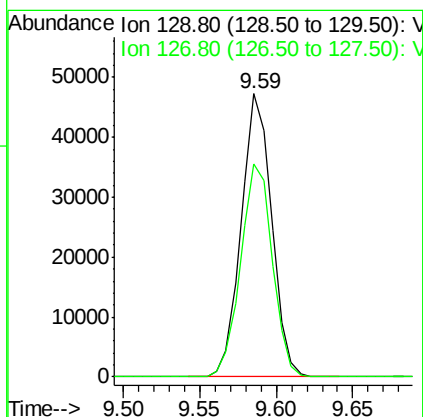
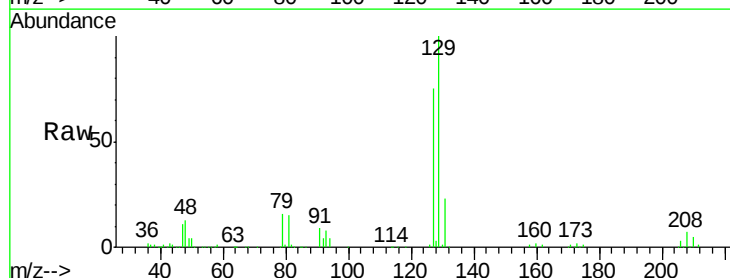
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

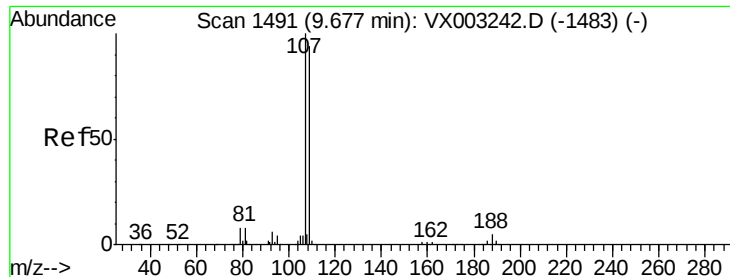
Tot Ion: 43 Resp: 370097
Ion Ratio Lower Upper
43 100
58 52.0 24.6 73.6



#60
Dibromochloromethane
Concen: 19.22 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion: 129 Resp: 65336
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.15 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

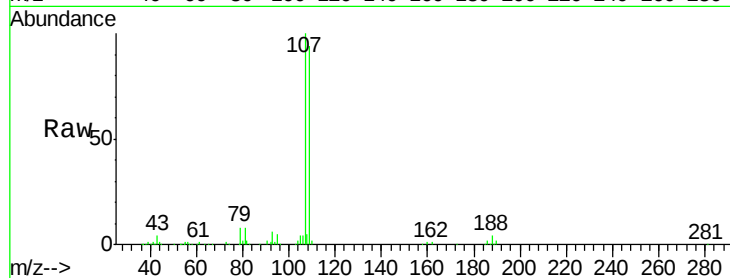
VX0710WBSD02

Tot Ion:107 Resp: 68764

Ion Ratio Lower Upper

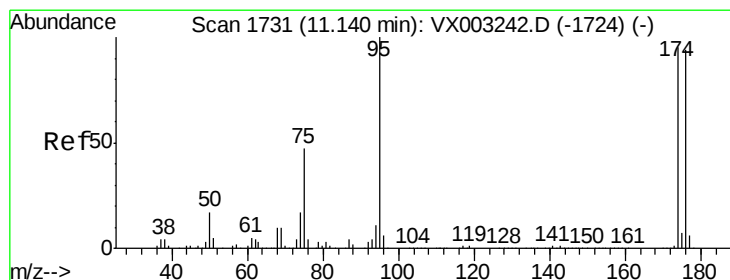
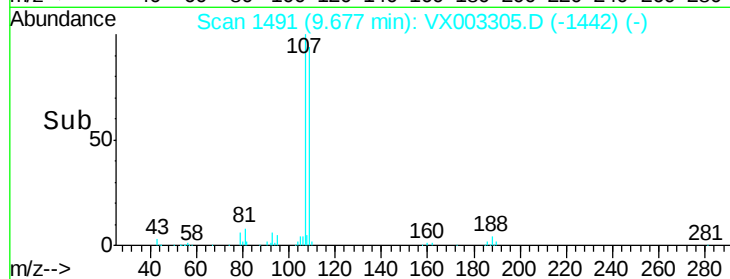
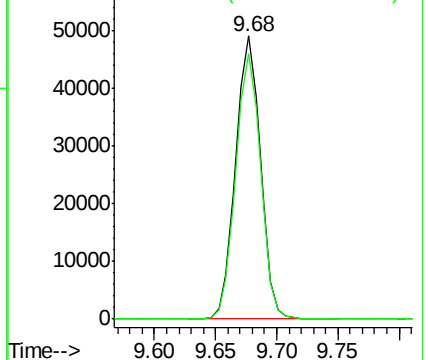
107 100

109 94.3 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: 48.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

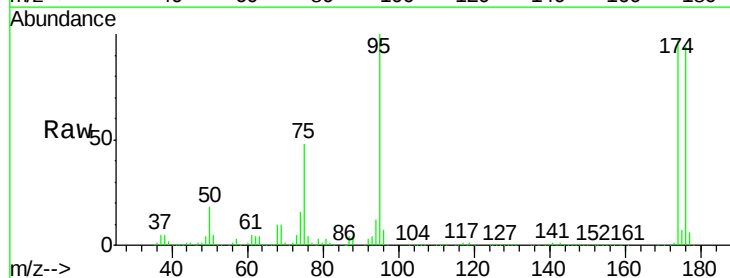
Tgt Ion: 95 Resp: 204292

Ion Ratio Lower Upper

95 100

174 100.1 0.0 187.4

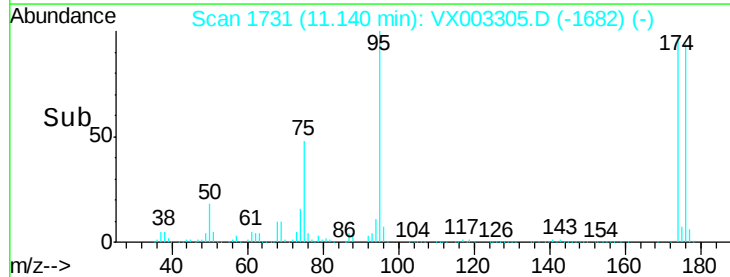
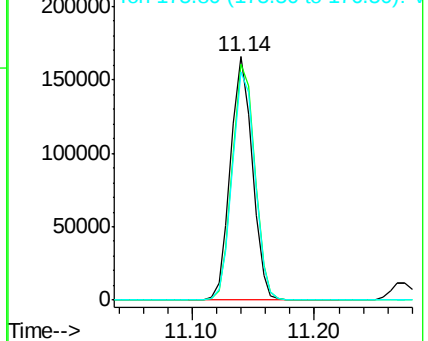
176 97.2 0.0 181.0

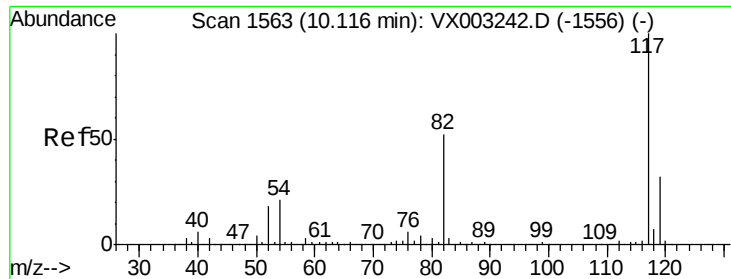


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

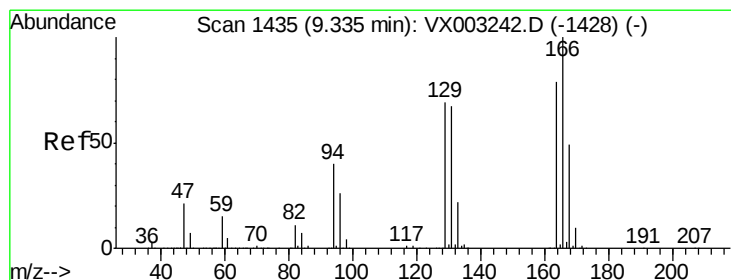
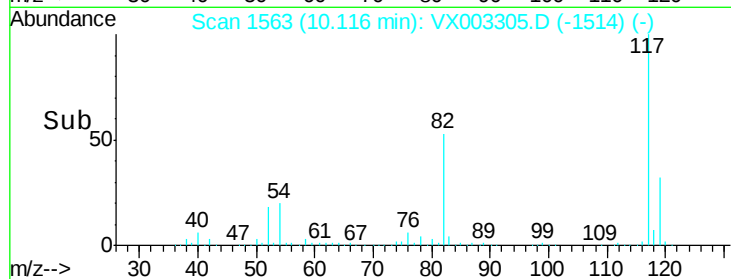
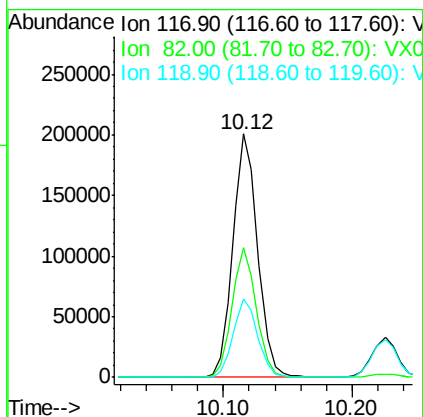
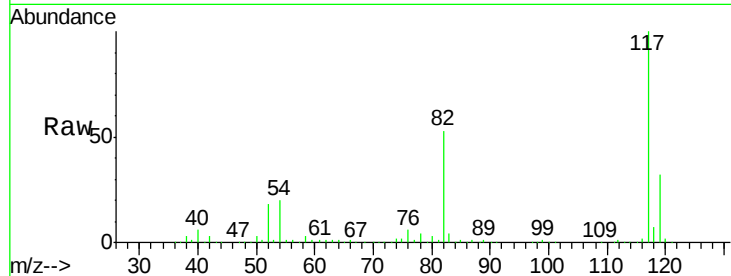




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

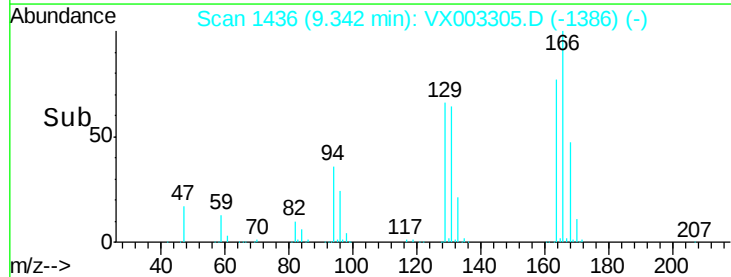
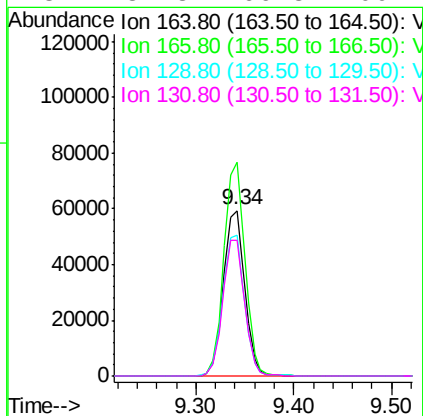
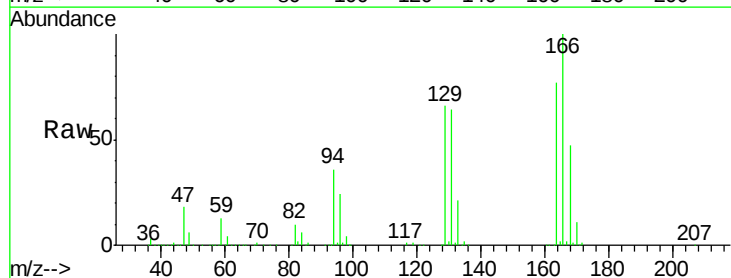
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

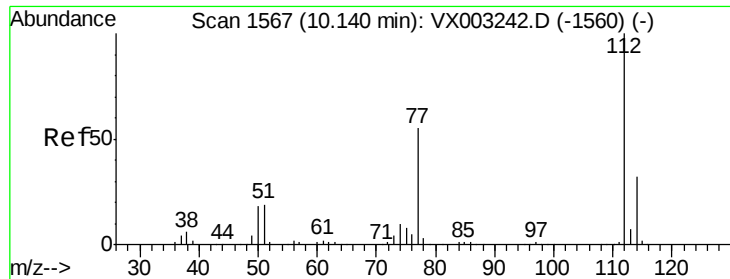
Tot Ion:117 Resp: 268630
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 22.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion:164 Resp: 90062
Ion Ratio Lower Upper
164 100
166 129.2 102.9 154.3
129 85.5 68.6 102.8
131 82.3 66.8 100.2

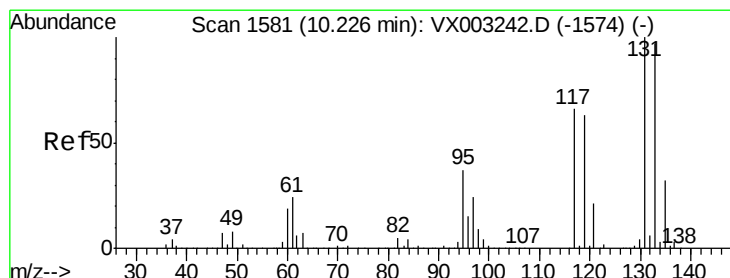
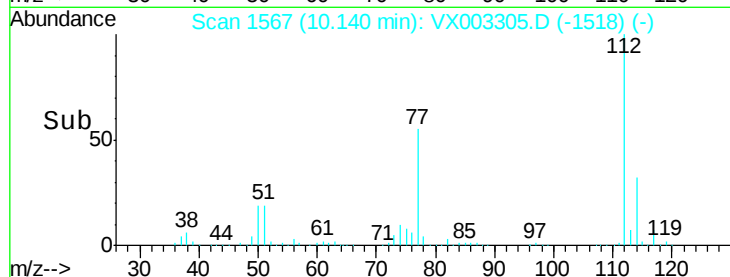
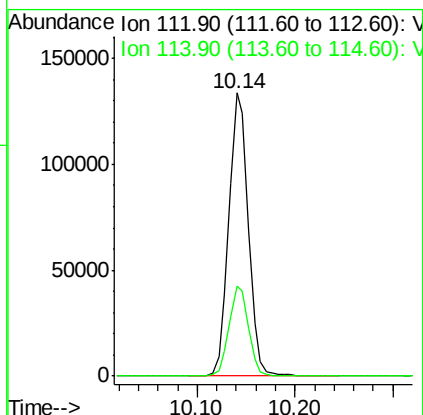
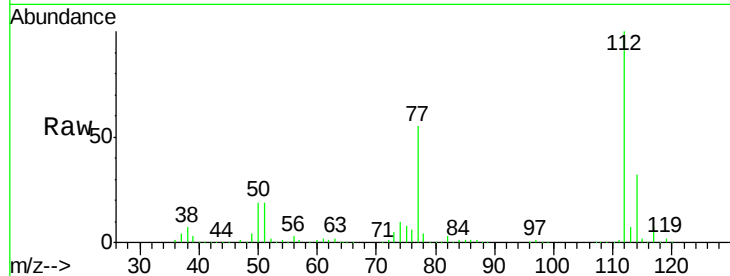




#65
Chlorobenzene
Concen: 20.25 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

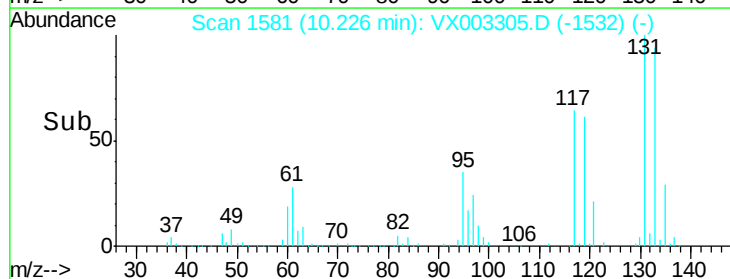
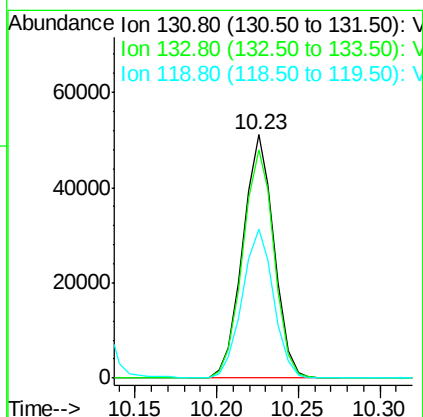
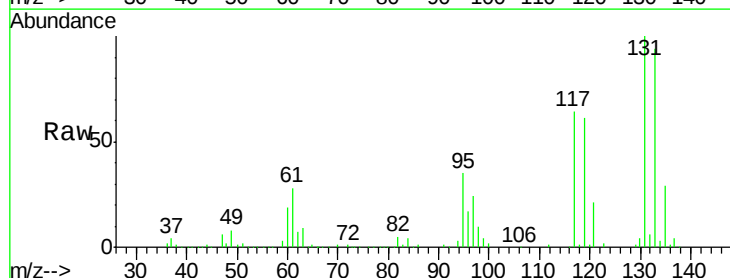
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

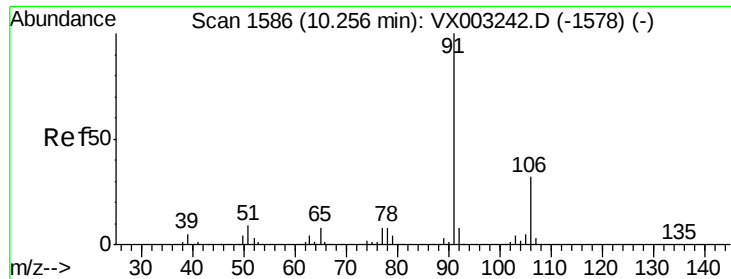
Tot Ion:112 Resp: 184841
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.76 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion:131 Resp: 68352
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.6
119 61.5 31.8 95.3





#67

Ethyl Benzene

Concen: 20.22 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

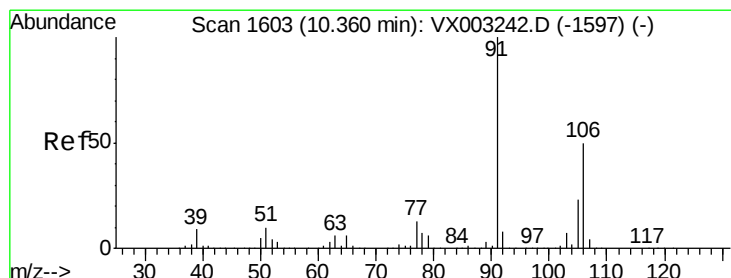
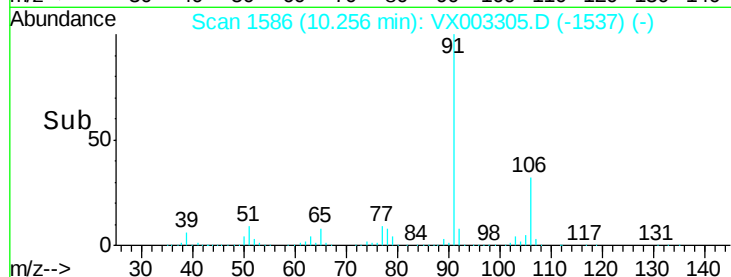
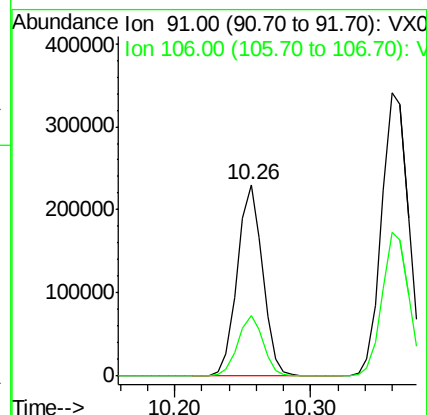
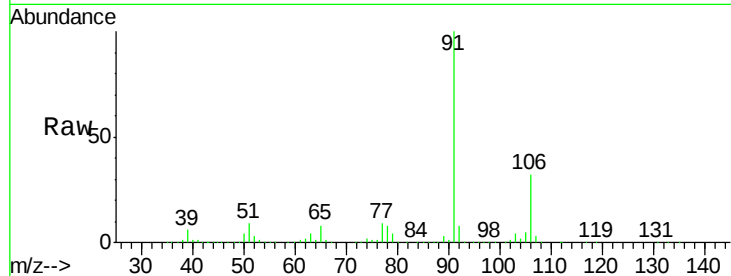
VX0710WBSD02

Tot Ion: 91 Resp: 298481

Ion Ratio Lower Upper

91 100

106 31.6 25.5 38.3



#68

m/p-Xylenes

Concen: 40.86 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003305.D

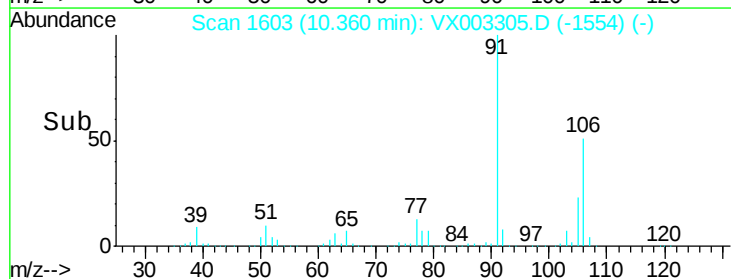
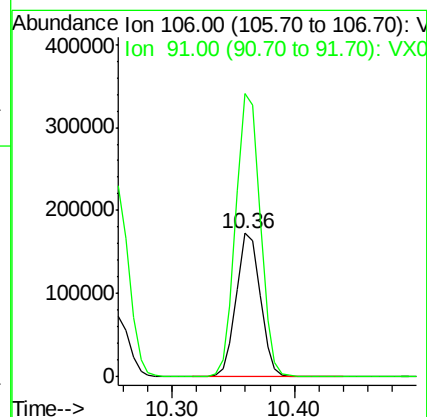
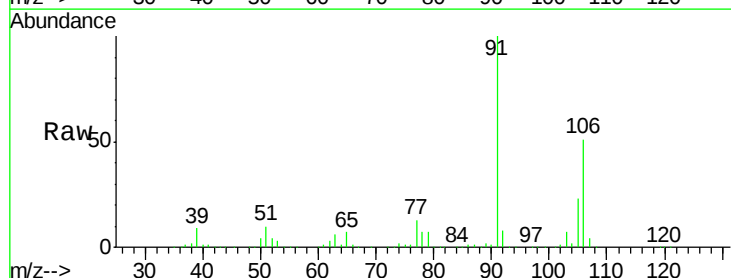
Acq: 11 Jul 2018 01:30

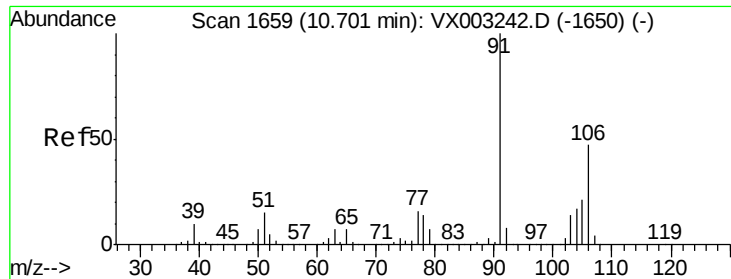
Tgt Ion: 106 Resp: 234629

Ion Ratio Lower Upper

106 100

91 201.1 163.4 245.2

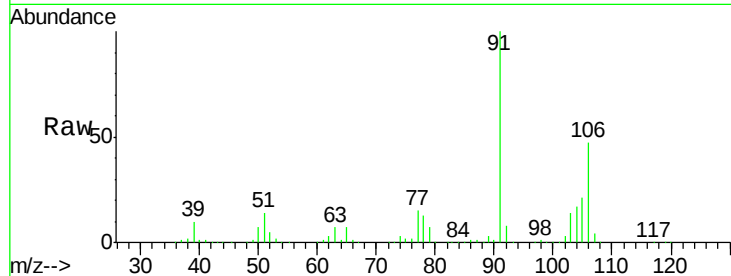




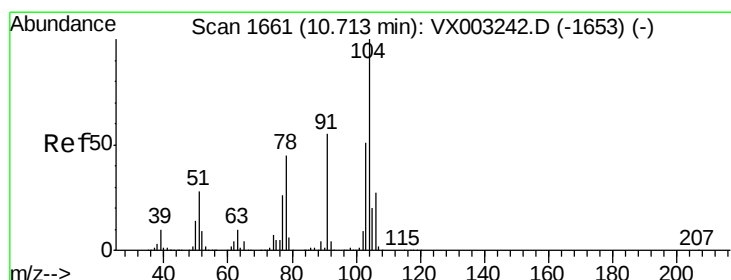
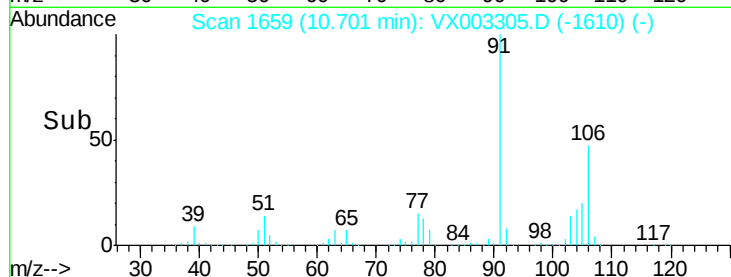
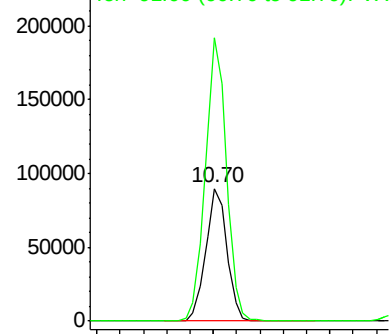
#69
o-Xylene
Concen: 20.51 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampled :
VX0710WBSD02

Tot Ion:106 Resp: 114114
Ion Ratio Lower Upper
106 100
91 212.1 108.2 324.6

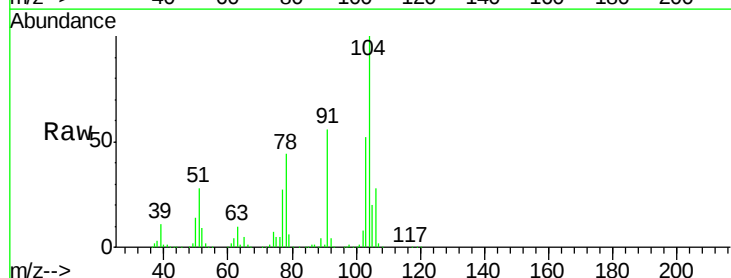


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

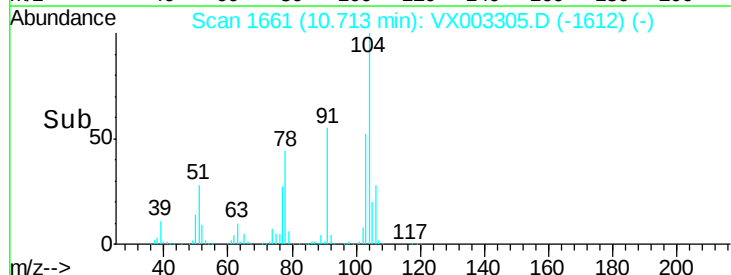
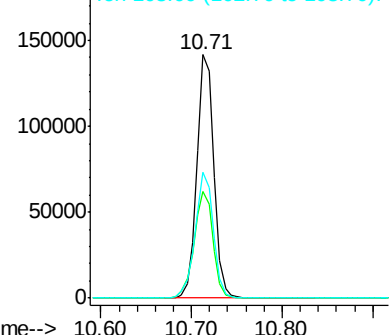


#70
Styrene
Concen: 20.60 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion:104 Resp: 185795
Ion Ratio Lower Upper
104 100
78 48.9 41.0 61.6
103 55.8 44.2 66.4



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





#71

Bromoform

Concen: 18.94 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampled :

VX0710WBSD02

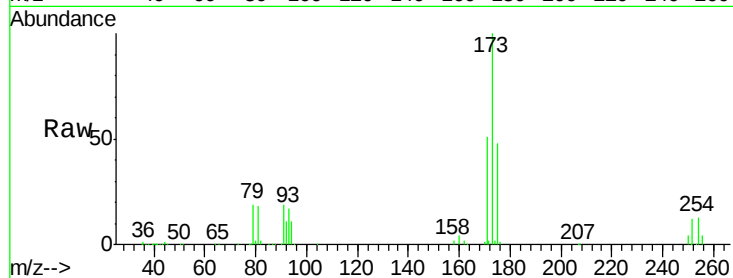
Tot Ion:173 Resp: 51309

Ion Ratio Lower Upper

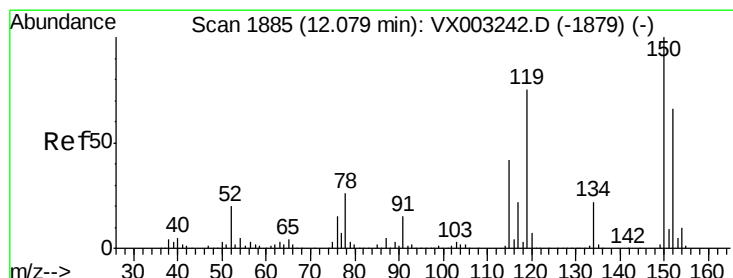
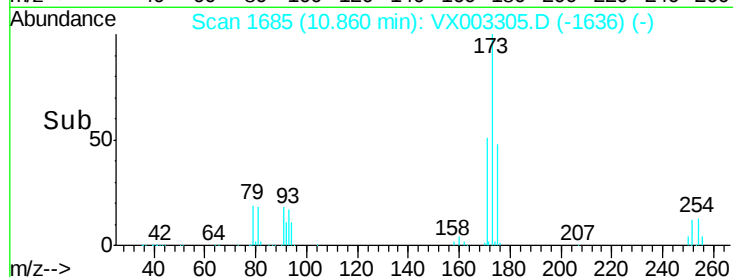
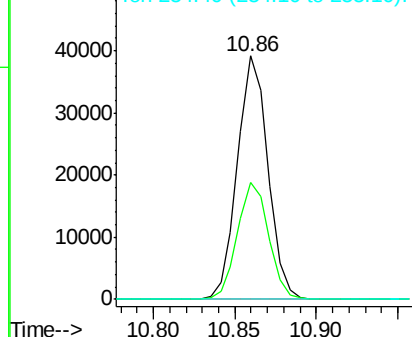
173 100

175 49.3 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: VX003305.D

Acq: 11 Jul 2018 01:30

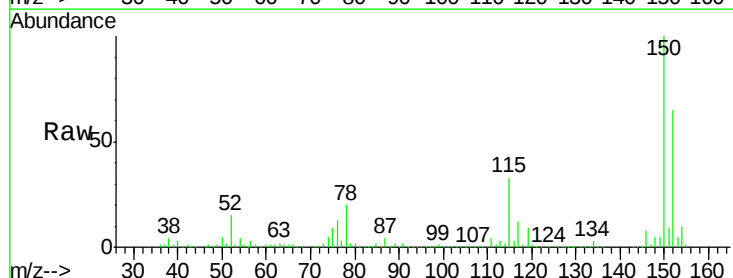
Tgt Ion:152 Resp: 189521

Ion Ratio Lower Upper

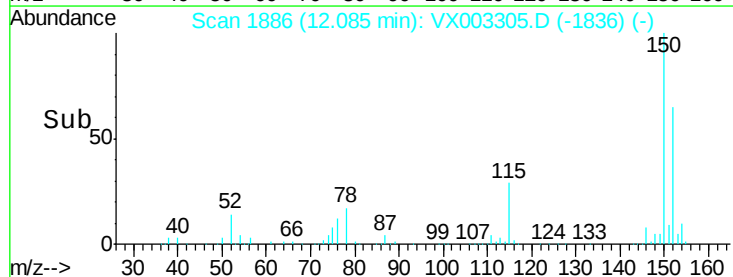
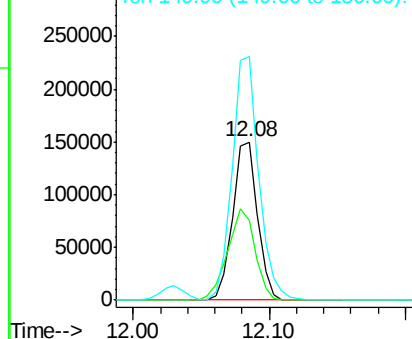
152 100

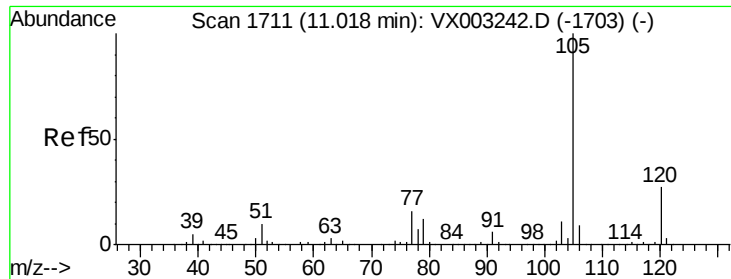
115 64.2 40.1 120.2

150 165.5 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: 20.83 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

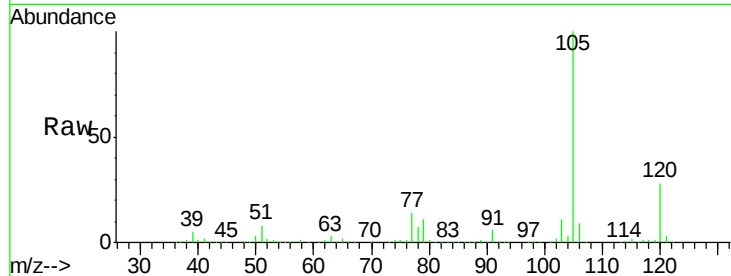
VX0710WBSD02

Tot Ion:105 Resp: 311618

Ion Ratio Lower Upper

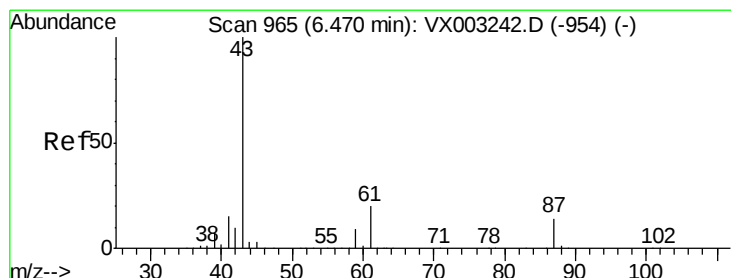
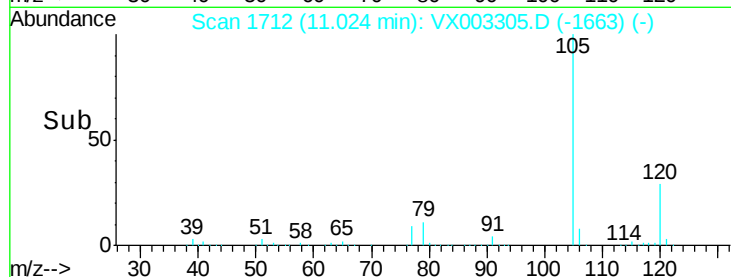
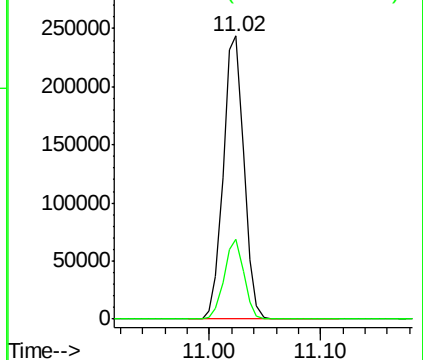
105 100

120 27.2 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: 19.60 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Tgt Ion: 43 Resp: 139886

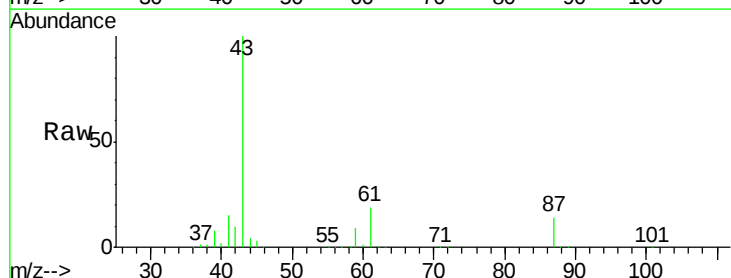
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0

61 20.1 14.4 21.6

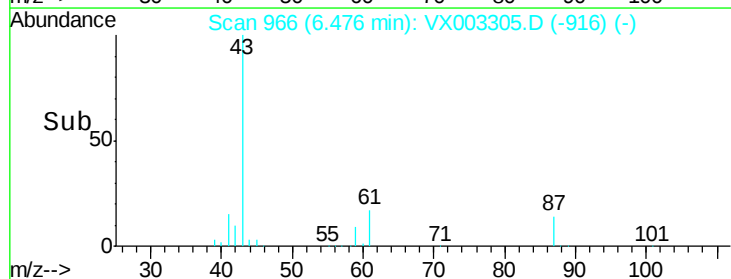
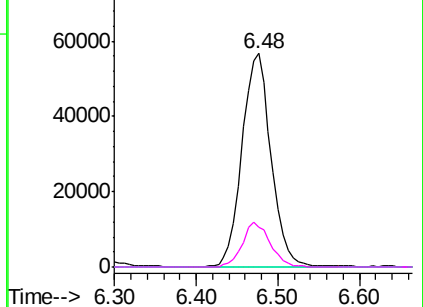


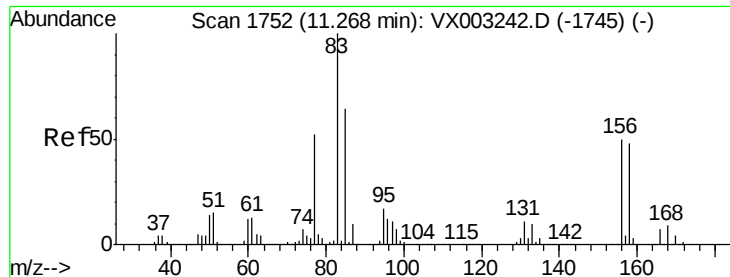
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

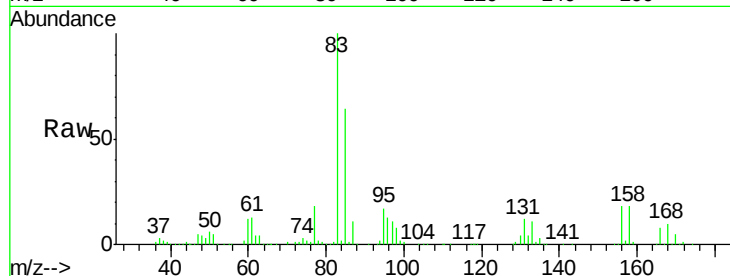
Tot Ion: 83 Resp: 93927

Ion Ratio Lower Upper

83 100

131 11.5 5.6 16.8

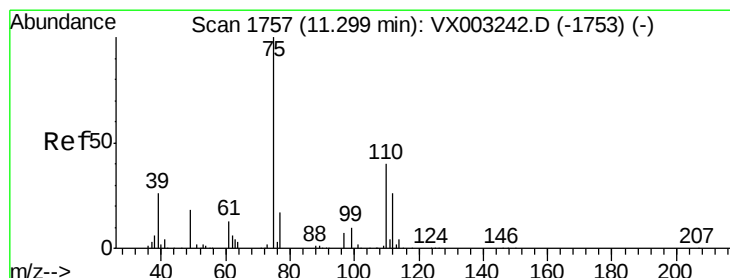
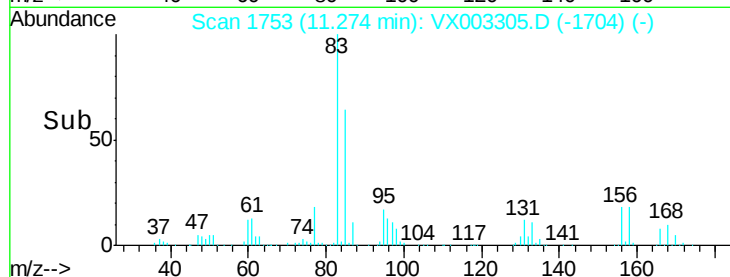
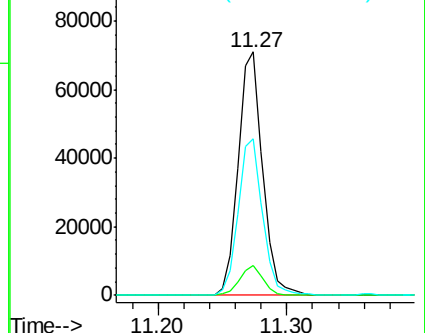
85 64.3 32.4 97.2



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: 24.61 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003305.D

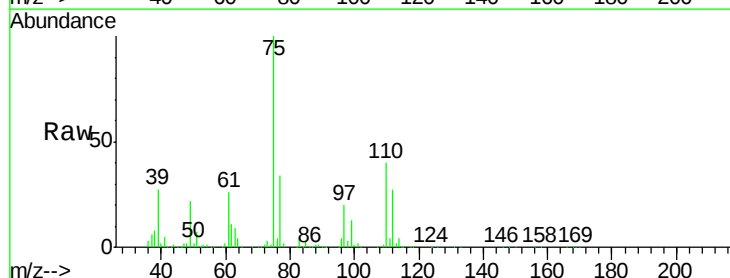
Acq: 11 Jul 2018 01:30

Tgt Ion: 75 Resp: 100780

Ion Ratio Lower Upper

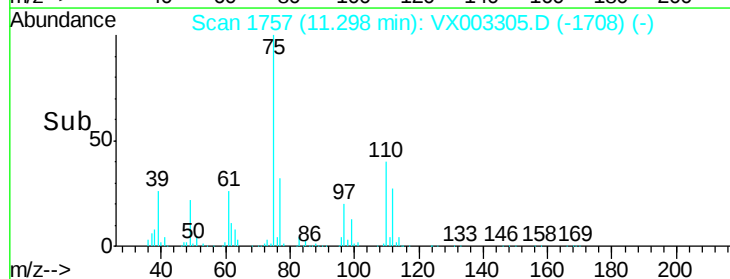
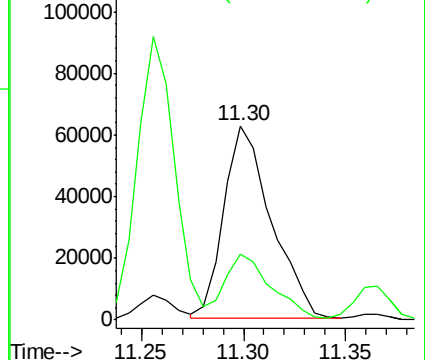
75 100

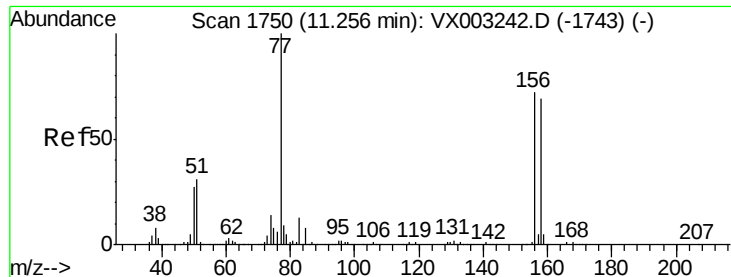
77 33.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.21 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

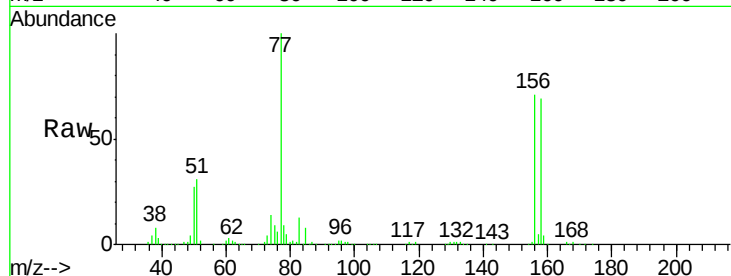
Tot Ion:156 Resp: 87315

Ion Ratio Lower Upper

156 100

77 134.0 71.4 214.2

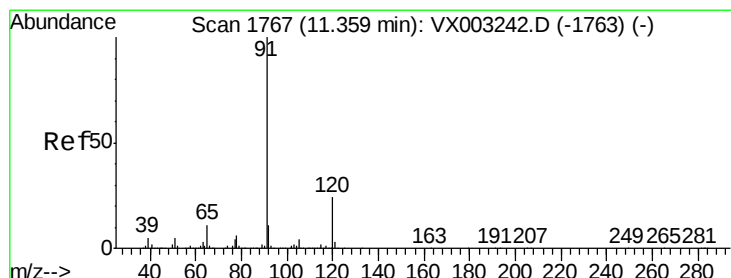
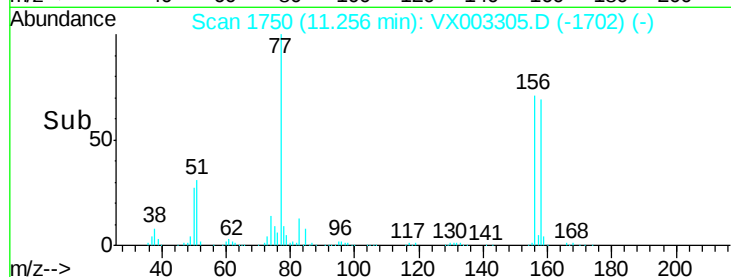
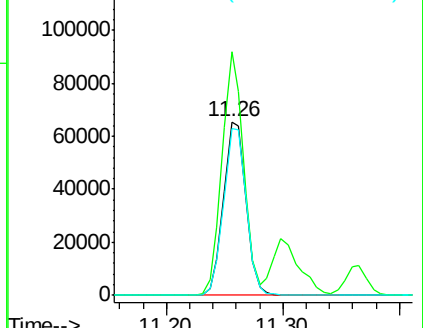
158 97.6 48.9 146.6



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: 20.62 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003305.D

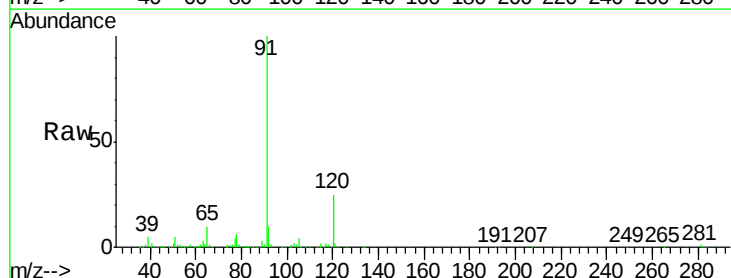
Acq: 11 Jul 2018 01:30

Tgt Ion: 91 Resp: 342973

Ion Ratio Lower Upper

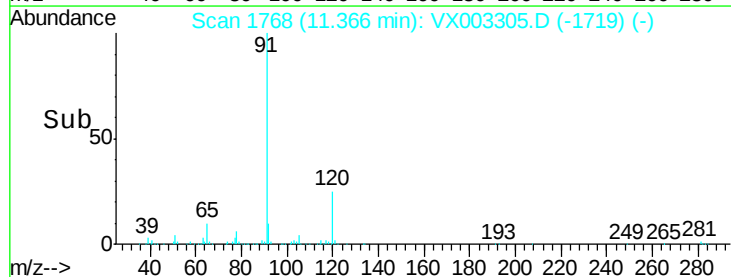
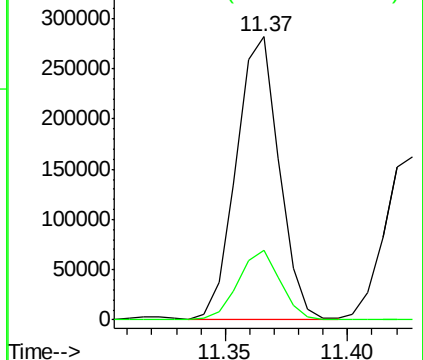
91 100

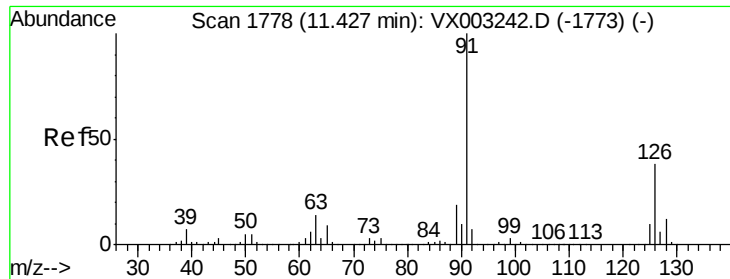
120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.53 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

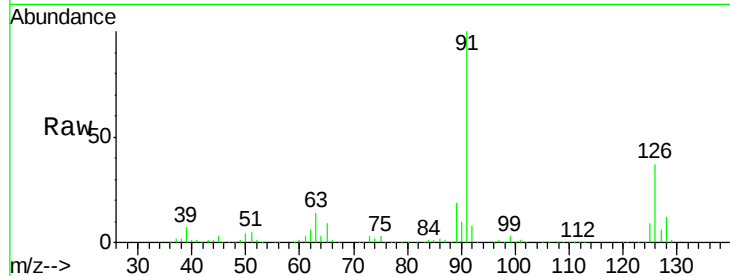
VX0710WBSD02

Tot Ion: 91 Resp: 208125

Ion Ratio Lower Upper

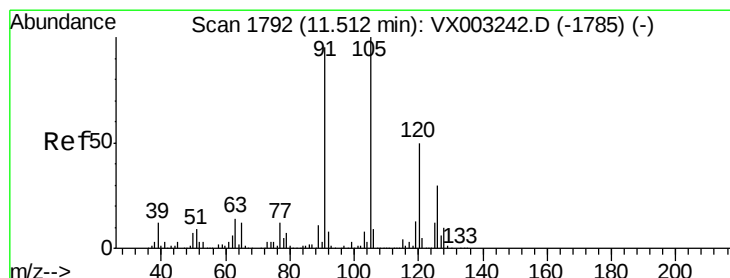
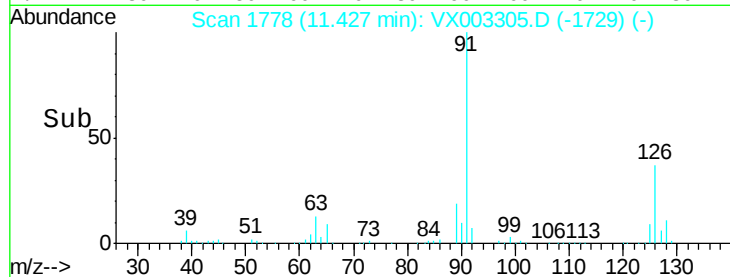
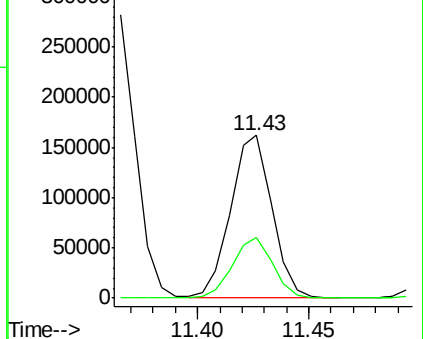
91 100

126 36.6 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: 20.67 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003305.D

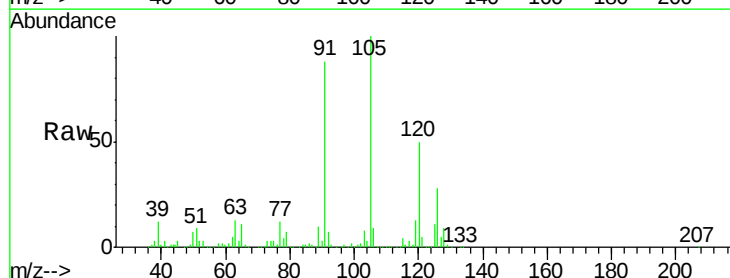
Acq: 11 Jul 2018 01:30

Tgt Ion: 105 Resp: 257598

Ion Ratio Lower Upper

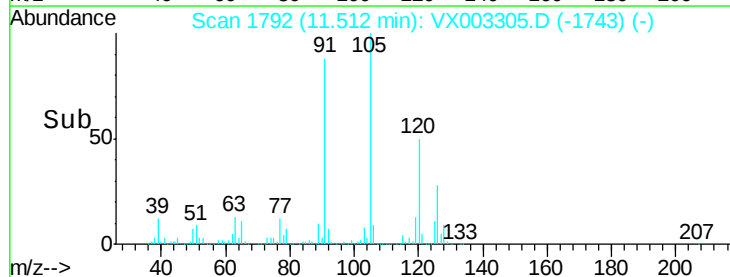
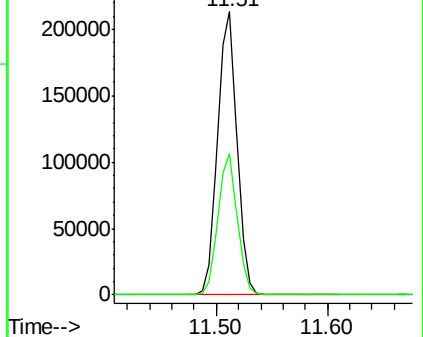
105 100

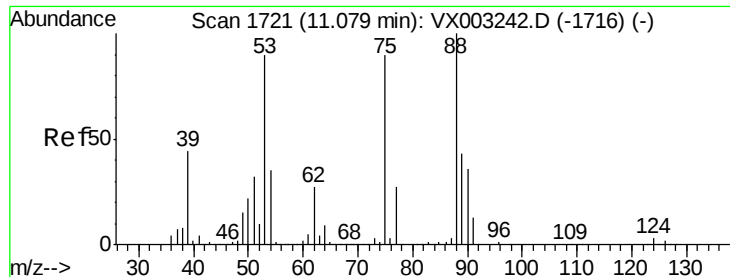
120 49.5 24.4 73.4



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: 15.74 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampled :

VX0710WBSD02

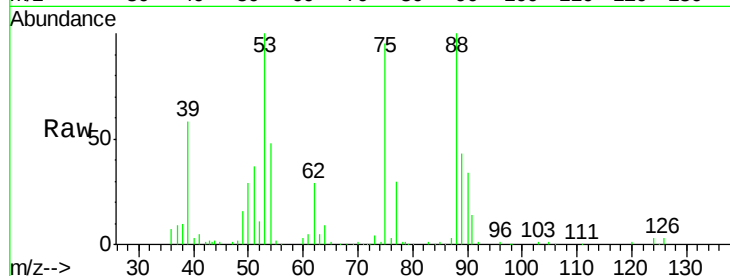
Tot Ion: 75 Resp: 19728

Ion Ratio Lower Upper

75 100

53 114.4 86.8 130.2

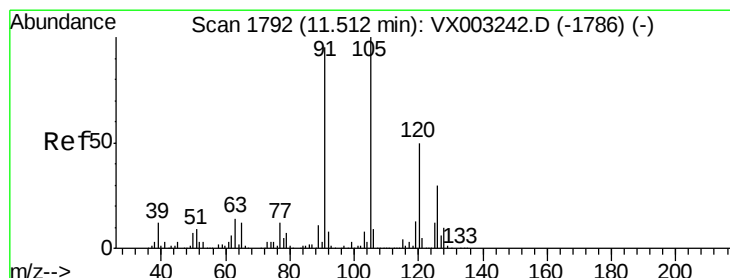
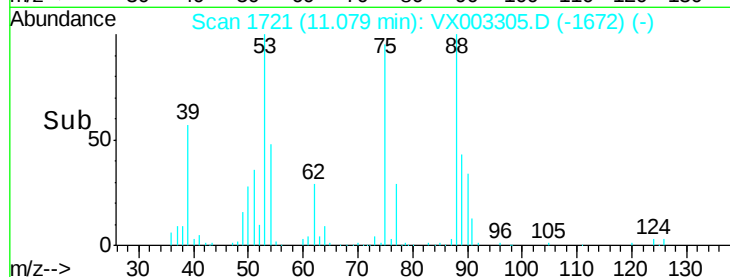
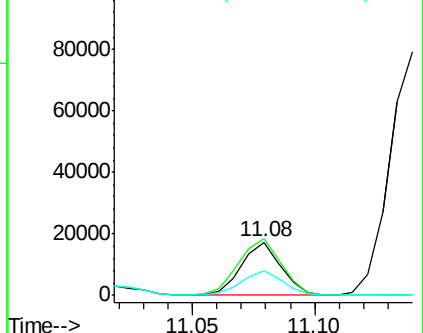
89 48.0 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.44 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003305.D

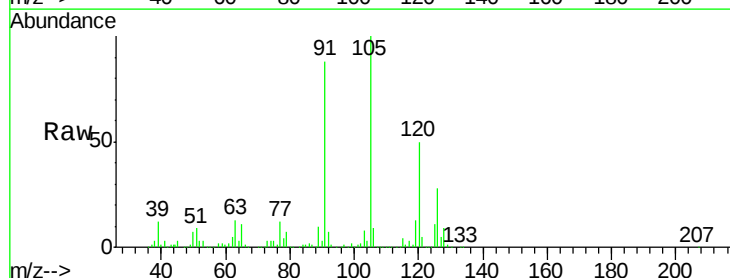
Acq: 11 Jul 2018 01:30

Tgt Ion: 91 Resp: 241874

Ion Ratio Lower Upper

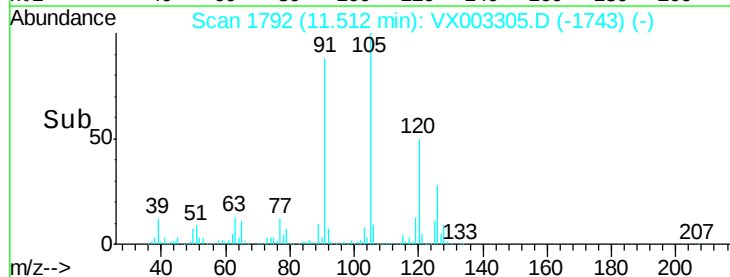
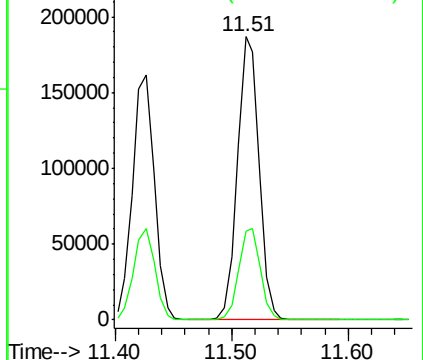
91 100

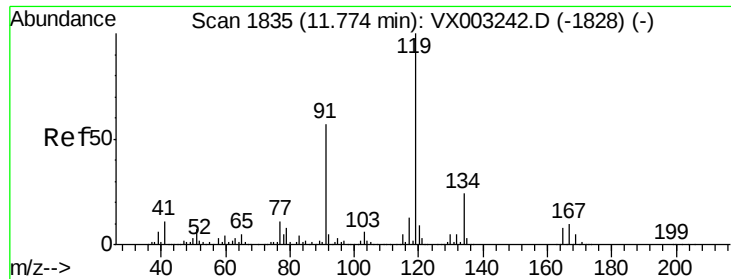
126 32.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

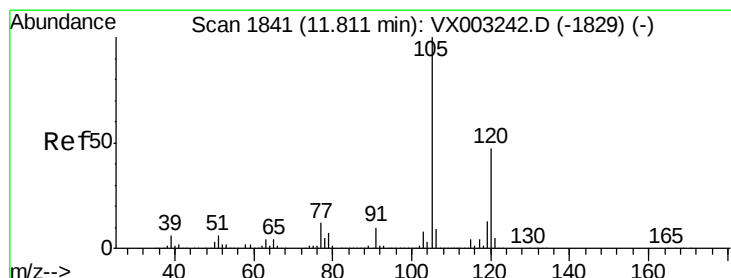
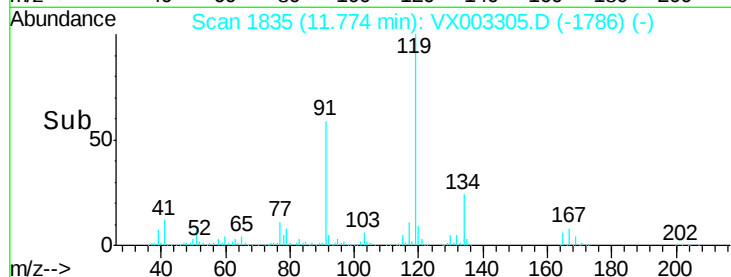
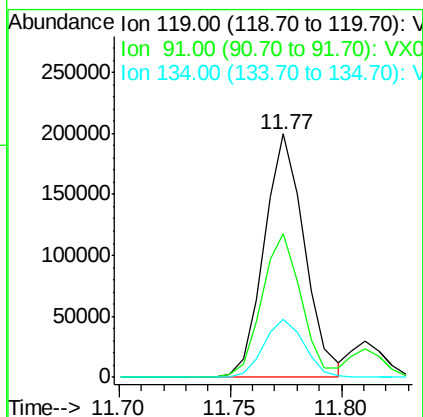
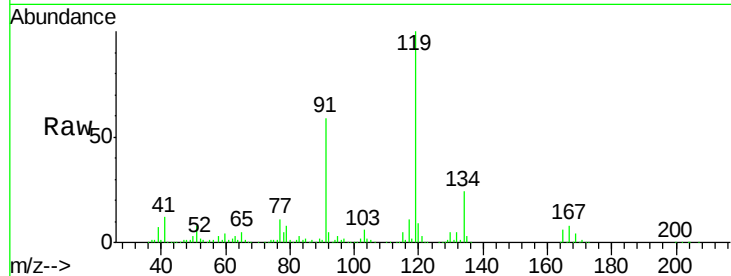




#83
 tert-Butylbenzene
 Concen: 20.13 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

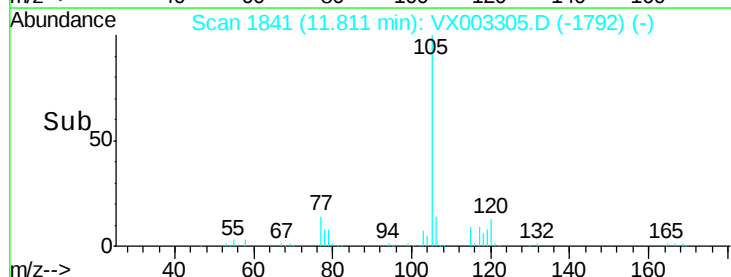
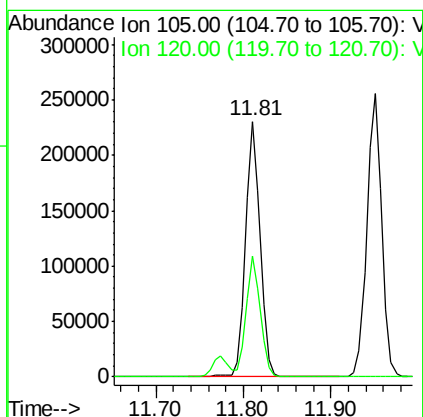
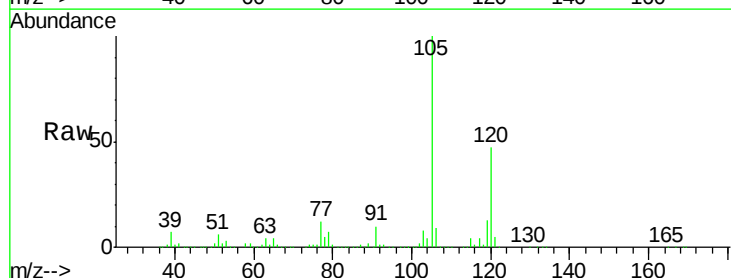
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0710WBSD02

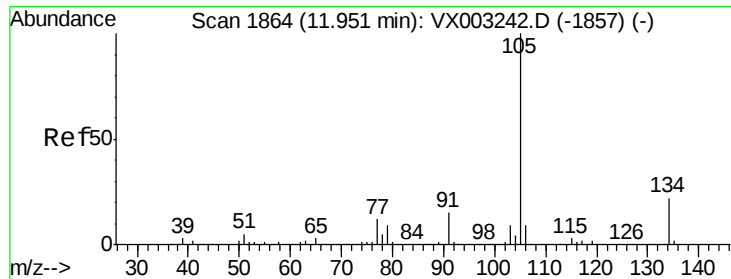
Tot Ion:119 Resp: 250533
 Ion Ratio Lower Upper
 119 100
 91 58.1 30.3 90.9
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.94 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion:105 Resp: 267151
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.71 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

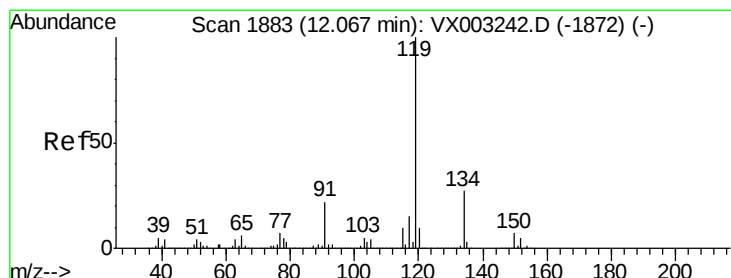
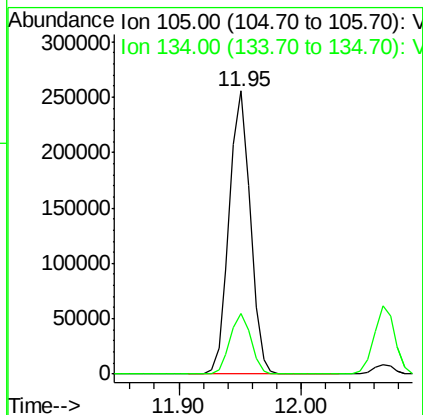
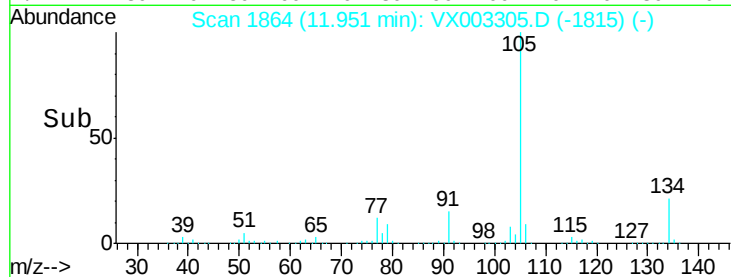
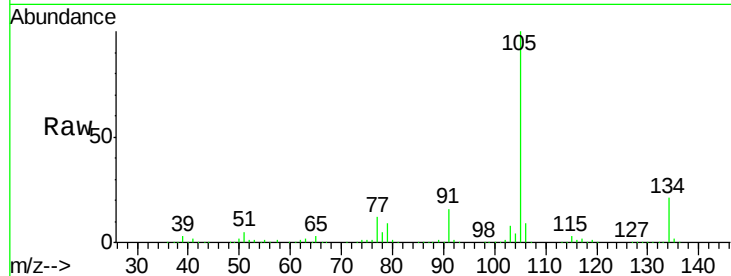
VX0710WBSD02

Tot Ion:105 Resp: 304680

Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.49 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

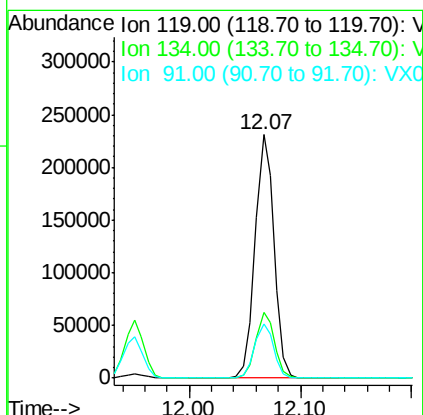
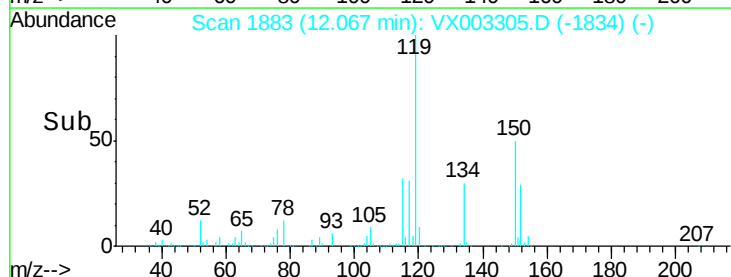
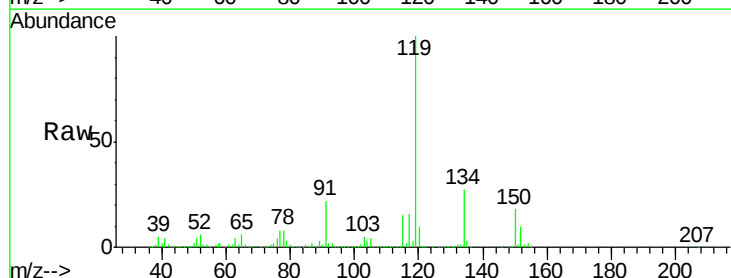
Tgt Ion:119 Resp: 274599

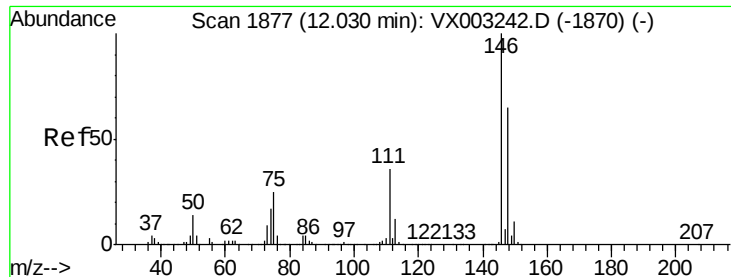
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.4 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.98 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

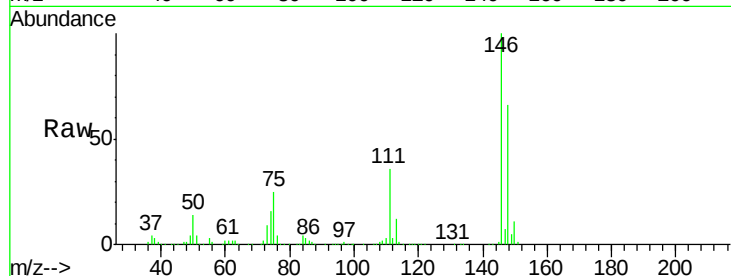
Tot Ion:146 Resp: 158350

Ion Ratio Lower Upper

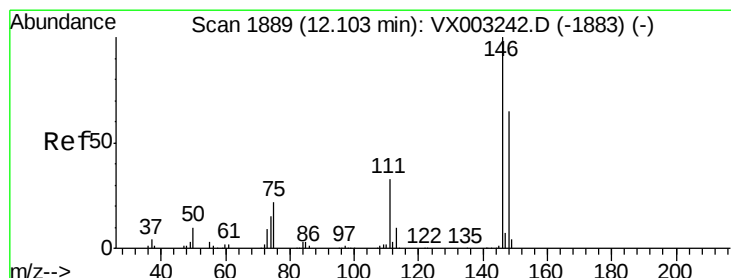
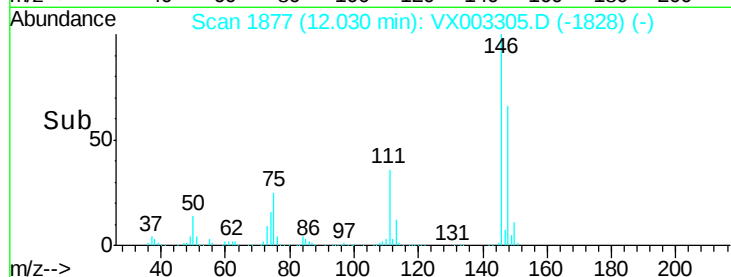
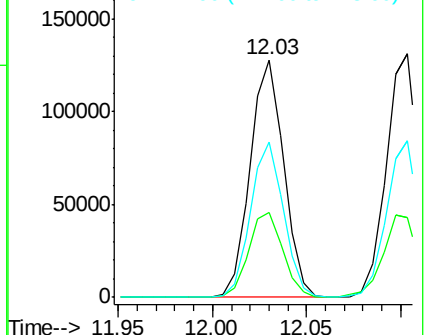
146 100

111 36.5 18.9 56.7

148 64.4 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 20.16 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

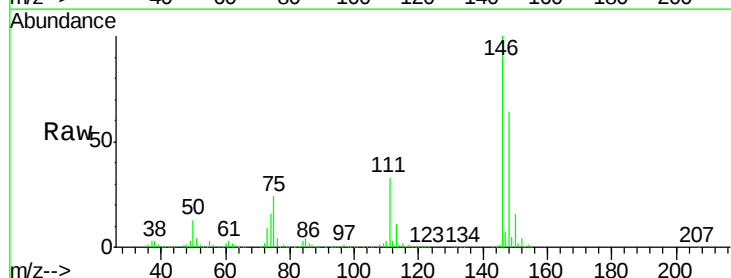
Tgt Ion:146 Resp: 161780

Ion Ratio Lower Upper

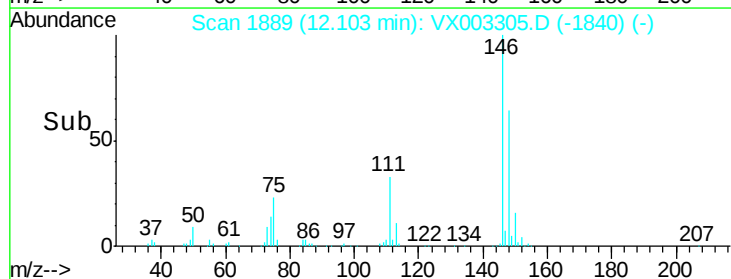
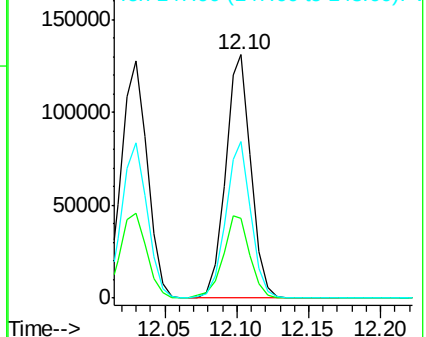
146 100

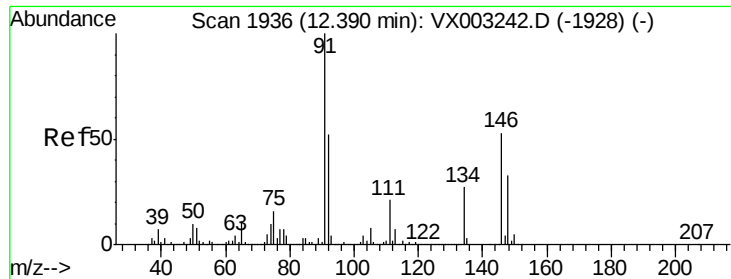
111 35.6 18.7 56.1

148 64.0 32.4 97.0



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





#89

n-Butylbenzene

Concen: 19.49 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

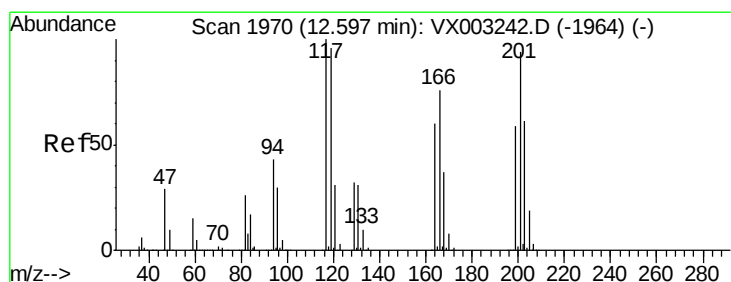
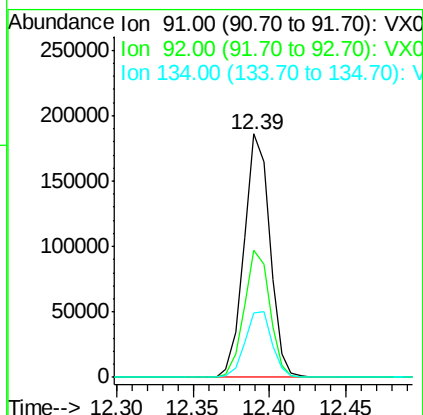
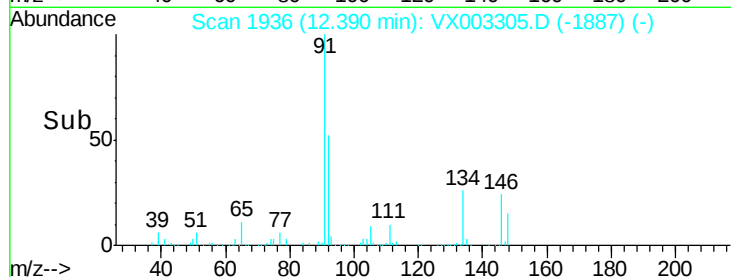
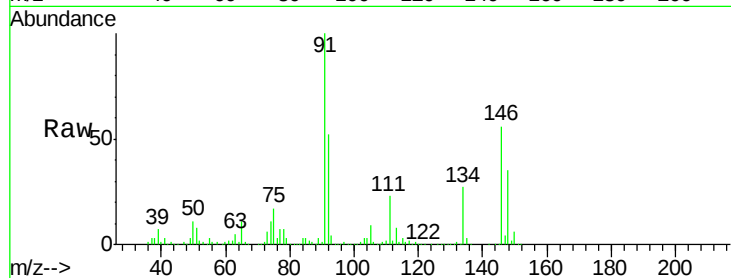
Tot Ion: 91 Resp: 218251

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

134 28.0 13.5 40.5



#90

Hexachloroethane

Concen: 17.78 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003305.D

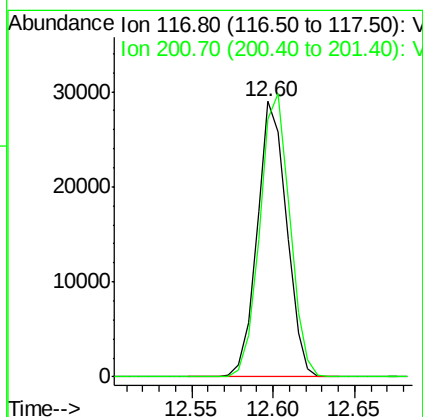
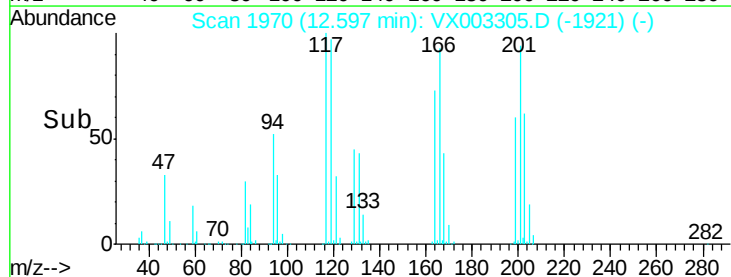
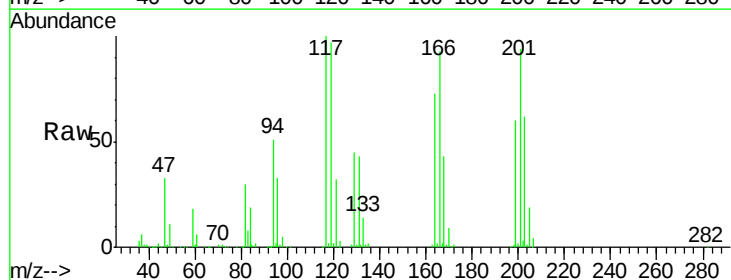
Acq: 11 Jul 2018 01:30

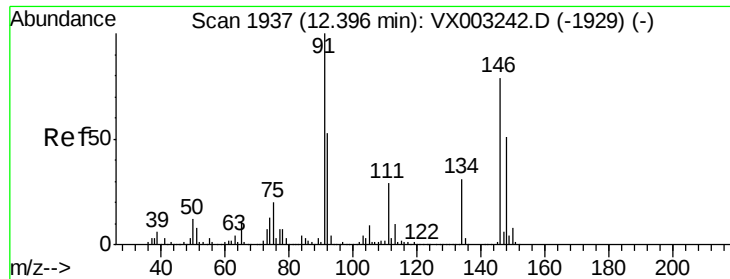
Tgt Ion: 117 Resp: 36389

Ion Ratio Lower Upper

117 100

201 104.7 49.0 147.0

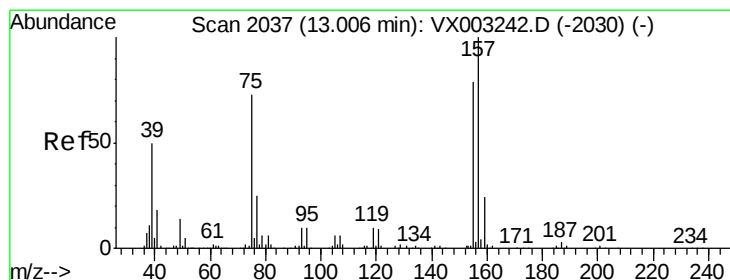
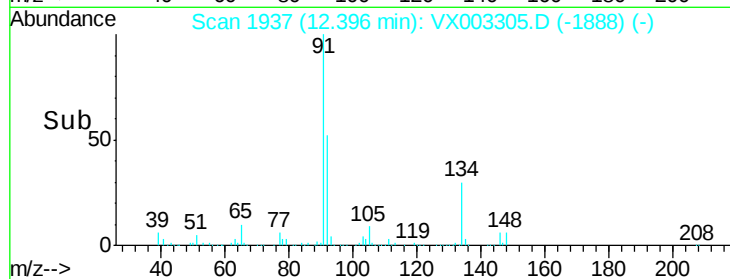
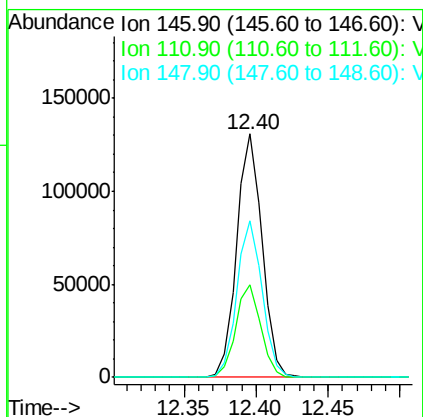
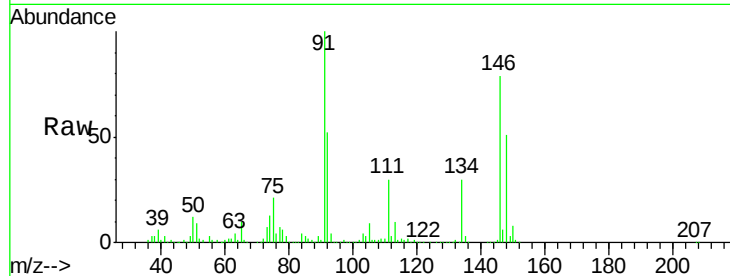




#91
 1,2-Dichlorobenzene
 Concen: 20.24 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

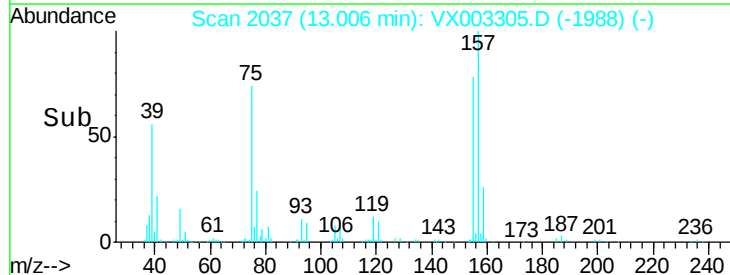
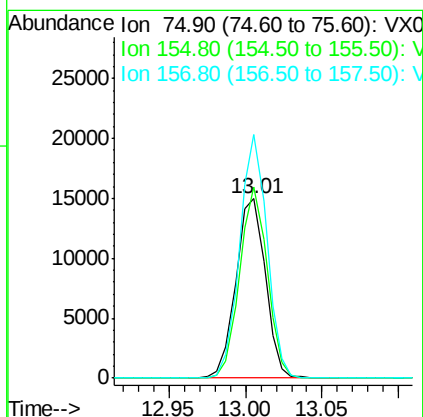
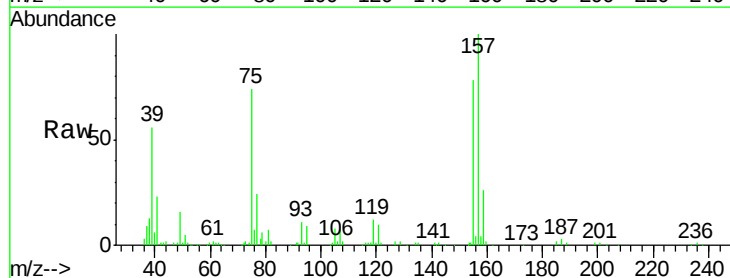
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

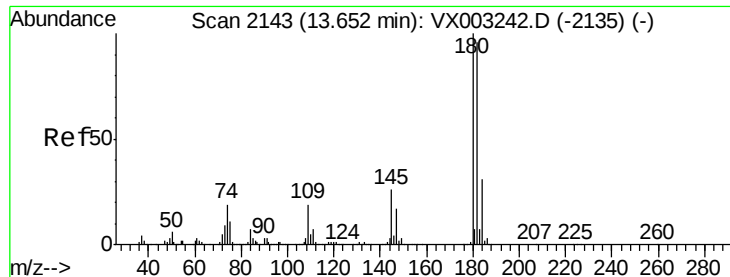
Tot Ion:146 Resp: 161053
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.4 58.1
 148 64.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.13 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion: 75 Resp: 20041
 Ion Ratio Lower Upper
 75 100
 155 99.3 45.8 137.4
 157 125.5 60.1 180.3

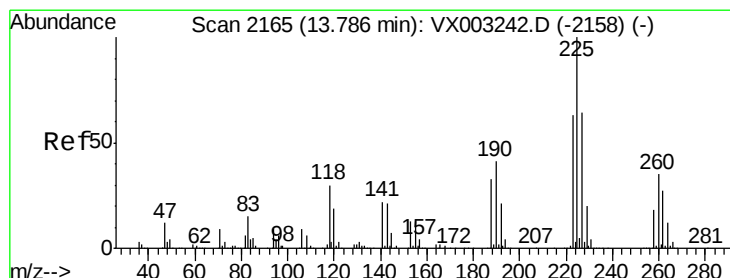
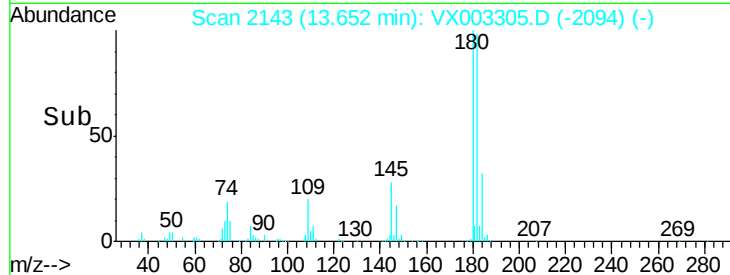
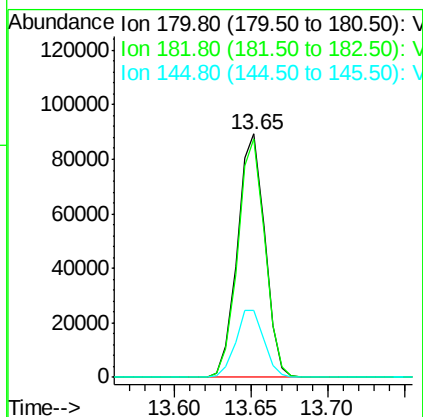
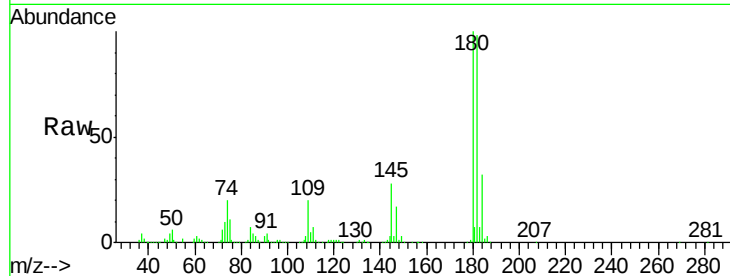




#93
 1,2,4-Trichlorobenzene
 Concen: 19.12 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

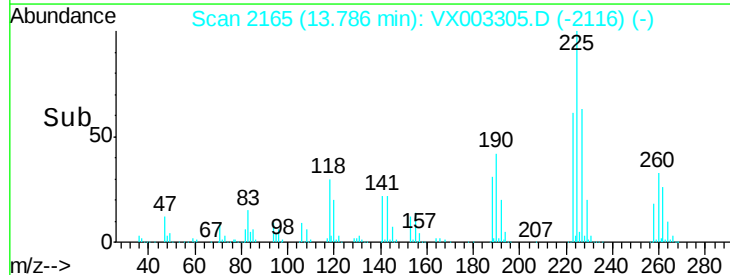
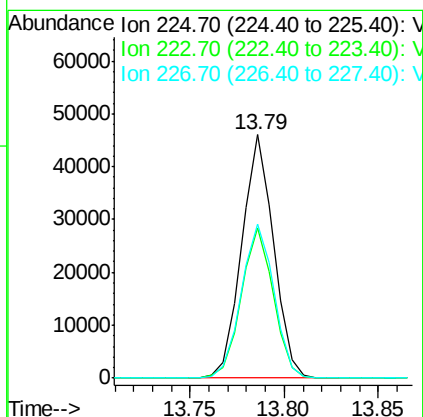
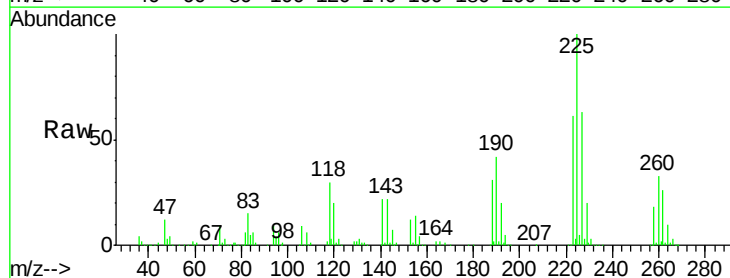
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

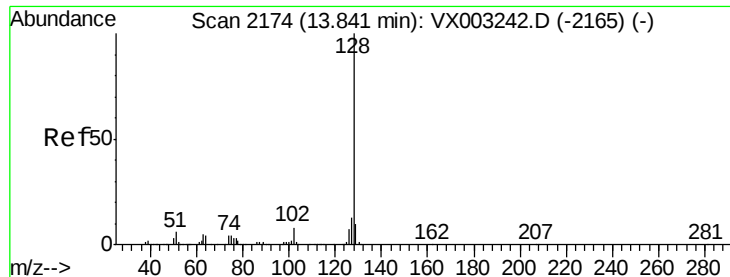
Tot Ion:180 Resp: 110752
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.7 143.1
 145 28.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.71 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion:225 Resp: 53940
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.6 95.0
 227 64.9 32.4 97.2





#95

Naphthalene

Concen: 20.77 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

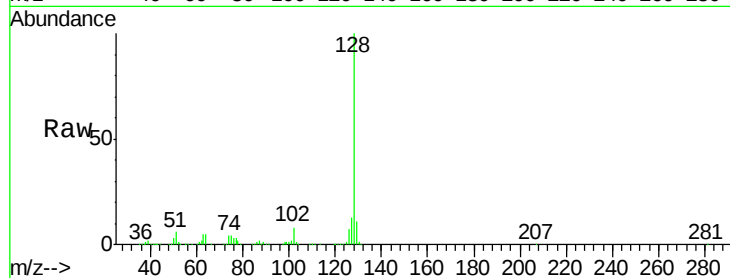
Tot Ion:128 Resp: 314728

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

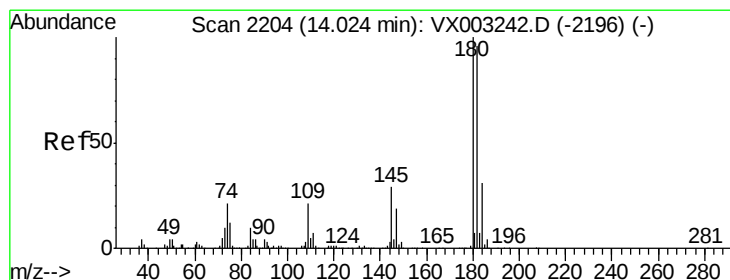
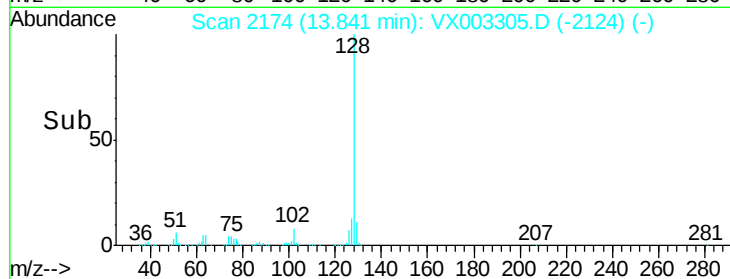
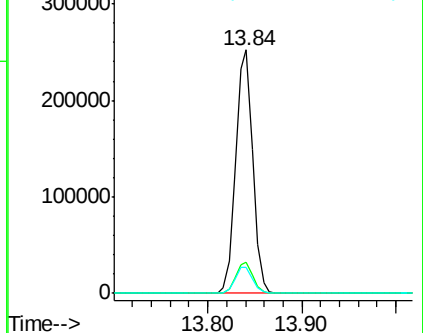
129 10.9 8.6 13.0



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: 20.34 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

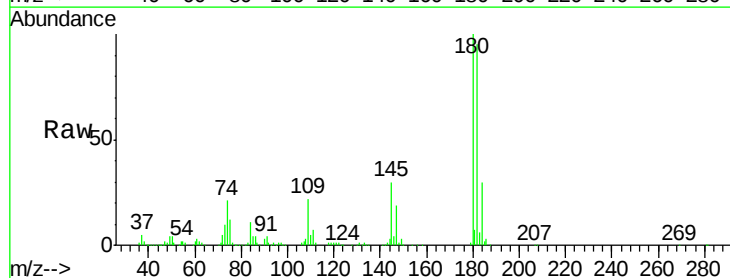
Tgt Ion:180 Resp: 117492

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.0

145 29.5 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

