

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\
 Data File : VX007305.D
 Acq On : 30 Jan 2019 10:58
 Operator : JC/SP
 Sample : VX0130WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Quant Time: Jan 31 00:21:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	518298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	767364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	700489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	360400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	232427	42.91	ug/l	0.00
Spiked Amount			Recovery	=	85.82%	
35) Dibromofluoromethane	5.51	113	213412	43.43	ug/l	0.00
Spiked Amount			Recovery	=	86.86%	
50) Toluene-d8	8.71	98	783296	43.55	ug/l	0.00
Spiked Amount			Recovery	=	87.10%	
62) 4-Bromofluorobenzene	11.13	95	286050	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	68819	16.169	ug/l	99
3) Chloromethane	1.33	50	78475	15.838	ug/l	95
4) Vinyl Chloride	1.41	62	88870	16.674	ug/l	98
5) Bromomethane	1.64	94	92571	16.256	ug/l	98
6) Chloroethane	1.72	64	61211	16.447	ug/l	96
7) Trichlorofluoromethane	1.93	101	149848	17.400	ug/l	99
8) Diethyl Ether	2.19	74	62159	18.142	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	88987	17.259	ug/l	99
10) Methyl Iodide	2.51	142	129465	18.615	ug/l	99
11) Tert butyl alcohol	3.06	59	116962	91.537	ug/l	99
12) 1,1-Dichloroethene	2.38	96	78537	16.487	ug/l	98
13) Acrolein	2.30	56	57245	105.682	ug/l	96
14) Allyl chloride	2.73	41	141018	17.273	ug/l	97
15) Acrylonitrile	3.15	53	278028	94.785	ug/l	99
16) Acetone	2.45	43	255052	95.246	ug/l	96
17) Carbon Disulfide	2.57	76	158943	12.960	ug/l	99
18) Methyl Acetate	2.78	43	158380	20.423	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	304004	18.387	ug/l	96
20) Methylene Chloride	2.86	84	97340	18.758	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	86139	16.227	ug/l	99
22) Diisopropyl ether	3.87	45	280399	18.270	ug/l	98
23) Vinyl Acetate	3.82	43	1139780	88.060	ug/l	100
24) 1,1-Dichloroethane	3.70	63	159035	18.531	ug/l	97
25) 2-Butanone	4.70	43	361231	94.277	ug/l	96
26) 2,2-Dichloropropane	4.58	77	117456	17.798	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	101539	17.341	ug/l	97
28) Bromochloromethane	5.02	49	60738	16.154	ug/l	95
29) Tetrahydrofuran	5.15	42	229720	92.255	ug/l	96
30) Chloroform	5.21	83	169548	18.869	ug/l	98
31) Cyclohexane	5.58	56	122172	15.995	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	135937	17.849	ug/l	97
36) 1,1-Dichloropropene	5.81	75	111503	16.713	ug/l	99
37) Ethyl Acetate	4.85	43	133263	18.631	ug/l	98
38) Carbon Tetrachloride	5.78	117	117871	17.560	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134760	15.844	ug/l	95
40) Benzene	6.14	78	362373	17.801	ug/l	97
41) Methacrylonitrile	5.06	41	75901	18.421	ug/l	97
42) 1,2-Dichloroethane	6.20	62	125269	17.807	ug/l	100
43) Isopropyl Acetate	6.46	43	206567	18.309	ug/l	98
44) Trichloroethene	7.21	130	105762	17.337	ug/l	99
45) 1,2-Dichloropropane	7.51	63	94777	18.519	ug/l	98
46) Dibromomethane	7.66	93	65905	18.323	ug/l	99
47) Bromodichloromethane	7.90	83	114010	18.622	ug/l	95
48) Methyl methacrylate	7.77	41	105453	18.201	ug/l	99
49) 1,4-Dioxane	7.75	88	50780	378.453	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	717083	98.900	ug/l	99
52) Toluene	8.78	92	232125	17.741	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	122758	18.082	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	137953	18.401	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103875	19.834	ug/l	98
56) Ethyl methacrylate	9.18	69	145315	19.007	ug/l	94
57) 1,3-Dichloropropane	9.37	76	162814	18.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	349958	89.025	ug/l	99
59) 2-Hexanone	9.49	43	545775	98.776	ug/l	98
60) Dibromochloromethane	9.59	129	100124	19.689	ug/l	97
61) 1,2-Dibromoethane	9.67	107	107977	18.728	ug/l	99
64) Tetrachloroethene	9.34	164	113312	18.684	ug/l	93
65) Chlorobenzene	10.14	112	275001	18.000	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	96621	18.800	ug/l	99
67) Ethyl Benzene	10.25	91	449437	17.819	ug/l	98
68) m/p-Xylenes	10.36	106	349990	35.220	ug/l	100
69) o-Xylene	10.70	106	175235	18.082	ug/l	99
70) Styrene	10.71	104	280985	18.307	ug/l	99
71) Bromoform	10.86	173	72986	19.100	ug/l #	97
73) Isopropylbenzene	11.02	105	465330	18.311	ug/l	99
74) N-amyl acetate	10.90	43	185514	18.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	152065	18.848	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	165048	22.599	ug/l	91
77) Bromobenzene	11.26	156	126340	18.043	ug/l	98
78) n-propylbenzene	11.36	91	510072	18.283	ug/l	99
79) 2-Chlorotoluene	11.42	91	306396	18.245	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	378188	17.810	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37275	18.020	ug/l	91
82) 4-Chlorotoluene	11.51	91	351027	18.053	ug/l	99
83) tert-Butylbenzene	11.77	119	389049	18.363	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	387522	18.148	ug/l	100
85) sec-Butylbenzene	11.94	105	460910	18.216	ug/l	99
86) p-Isopropyltoluene	12.06	119	411751	18.193	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	227224	17.953	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	229851	19.257	ug/l	99
89) n-Butylbenzene	12.39	91	343651	17.812	ug/l	98
90) Hexachloroethane	12.60	117	61065	18.826	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	225037	18.017	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29493	18.484	ug/l	97

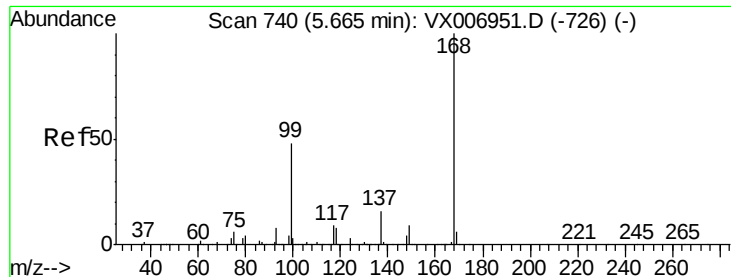
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
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Instrument :
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ClientSampleId :
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Quant Time: Jan 31 00:21:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	154553	18.036	ug/l	100
94) Hexachlorobutadiene	13.78	225	73007	19.199	ug/l	97
95) Naphthalene	13.83	128	478619	18.432	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	154672	18.170	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

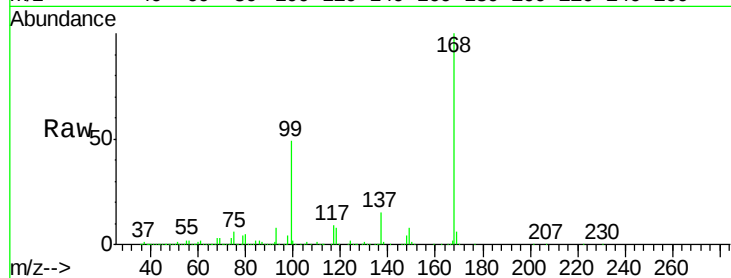
VX0130WBSD01

Tot Ion:168 Resp: 518298

Ion Ratio Lower Upper

168 100

99 48.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

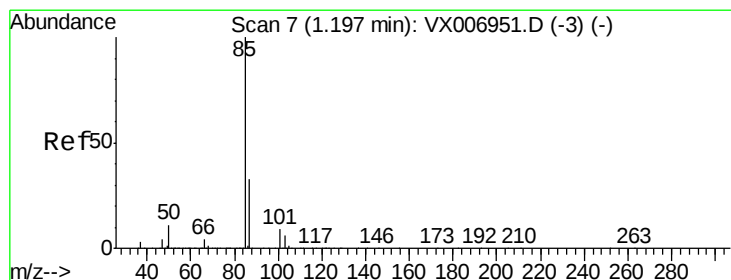
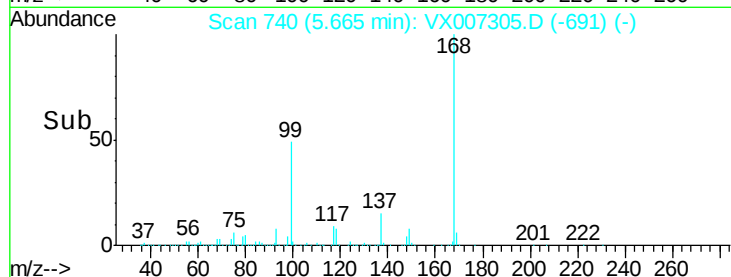
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.169 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007305.D

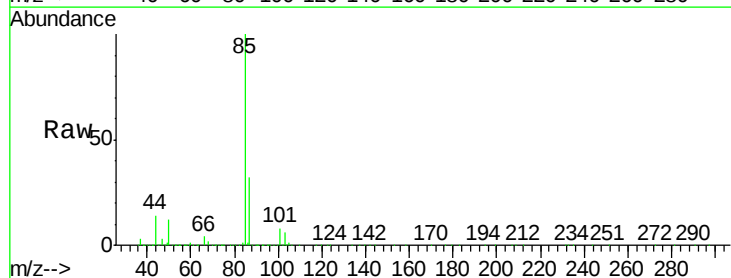
Acq: 30 Jan 2019 10:58

Tgt Ion: 85 Resp: 68819

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

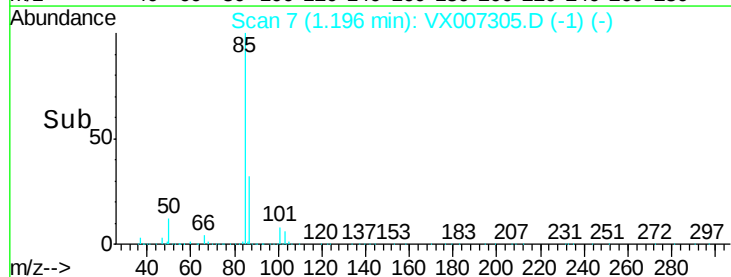
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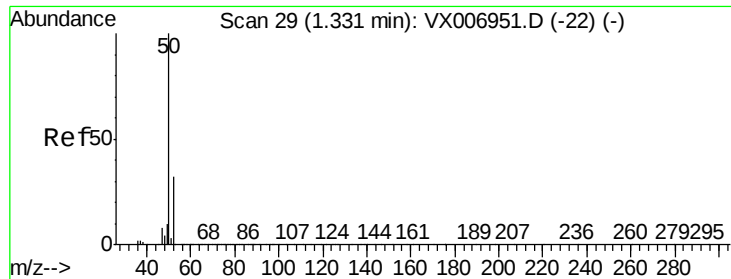
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 15.838 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

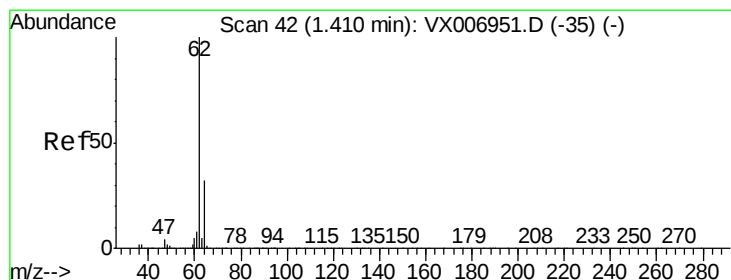
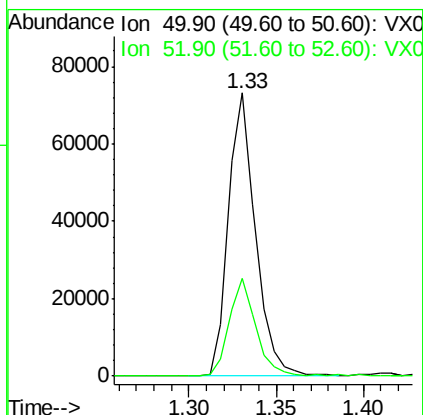
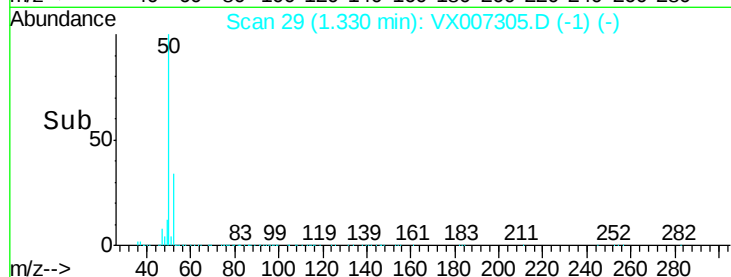
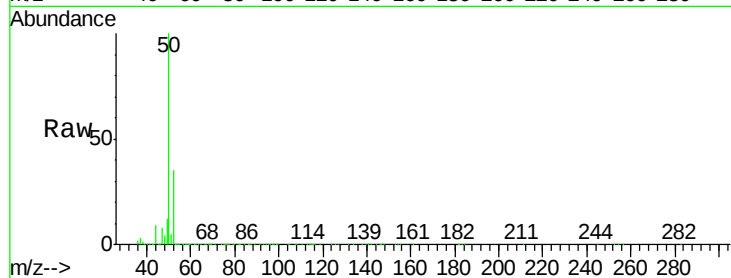
VX0130WBSD01

Tot Ion: 50 Resp: 78475

Ion Ratio Lower Upper

50 100

52 34.4 25.4 38.2



#4

Vinyl Chloride

Concen: 16.674 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007305.D

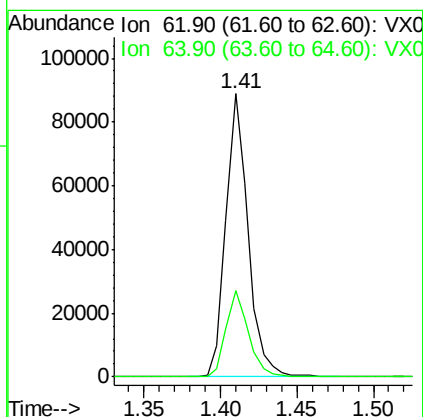
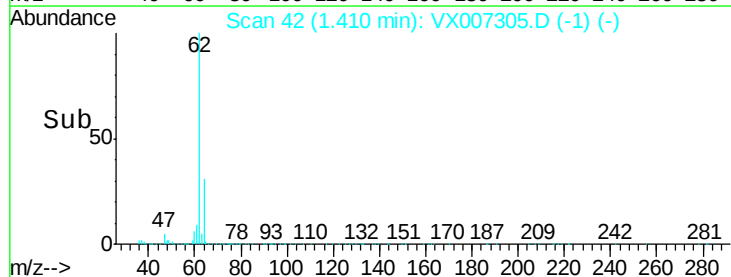
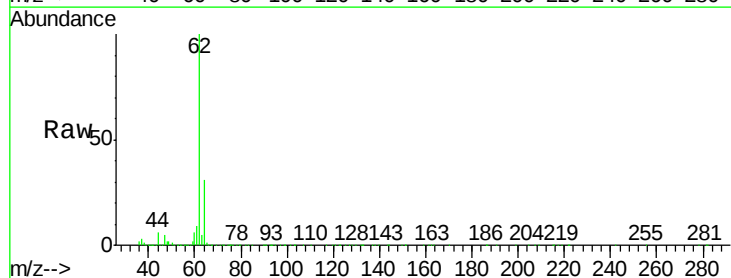
Acq: 30 Jan 2019 10:58

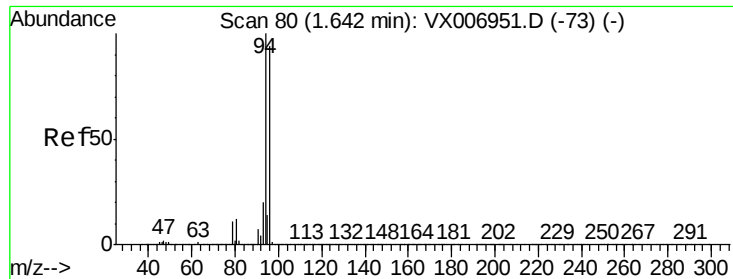
Tgt Ion: 62 Resp: 88870

Ion Ratio Lower Upper

62 100

64 30.3 25.1 37.7





#5

Bromomethane

Concen: 16.256 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

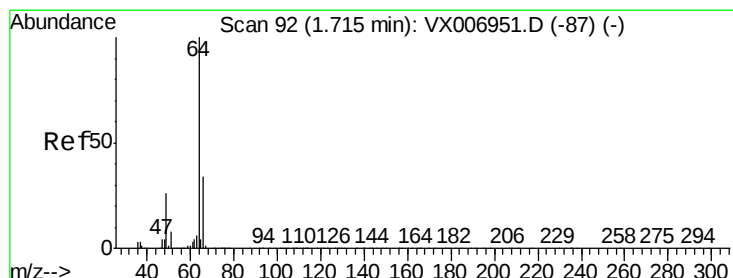
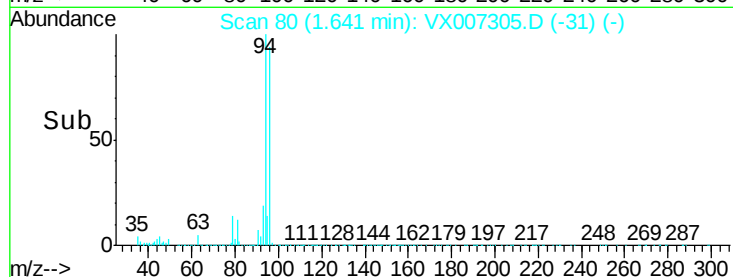
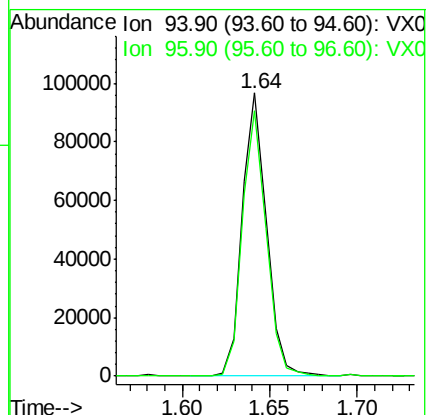
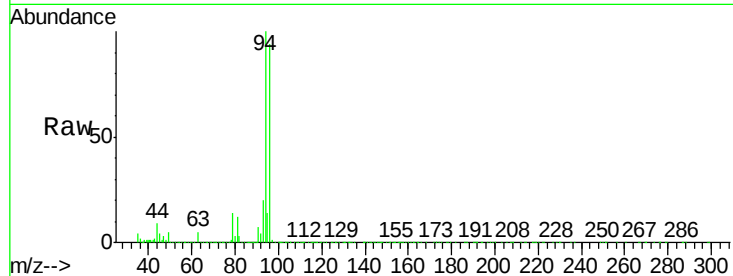
VX0130WBSD01

Tot Ion: 94 Resp: 92571

Ion Ratio Lower Upper

94 100

96 93.9 73.4 110.2



#6

Chloroethane

Concen: 16.447 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007305.D

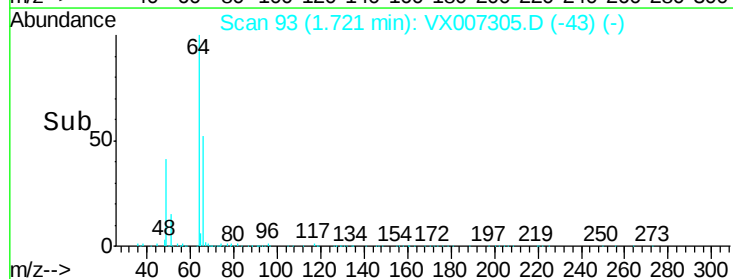
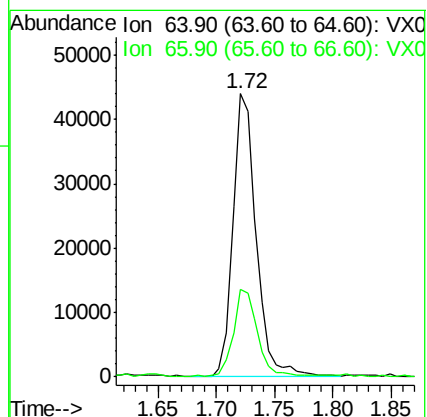
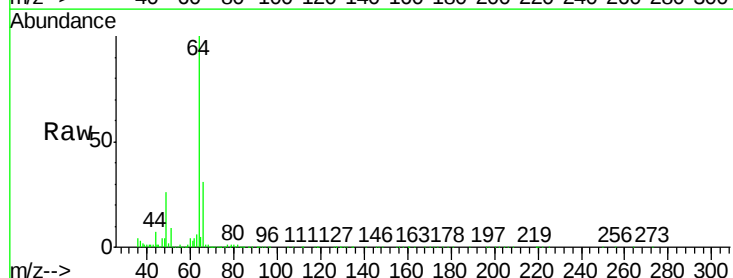
Acq: 30 Jan 2019 10:58

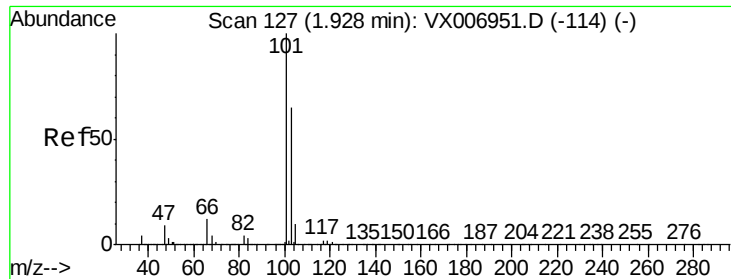
Tgt Ion: 64 Resp: 61211

Ion Ratio Lower Upper

64 100

66 30.8 26.4 39.6



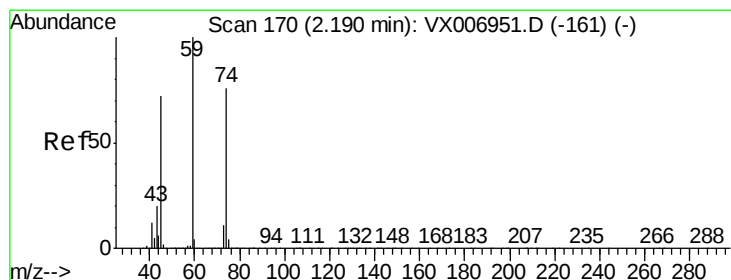
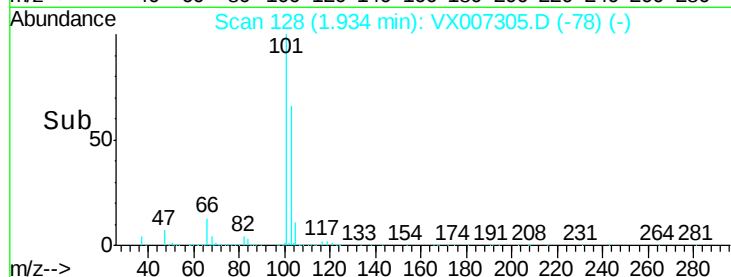
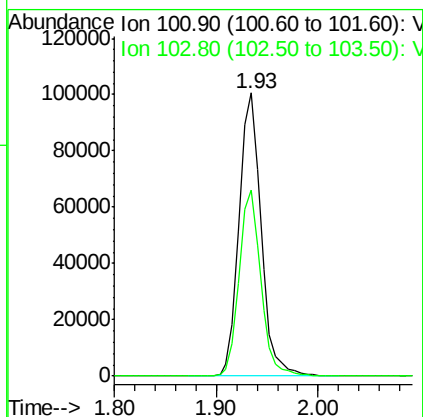
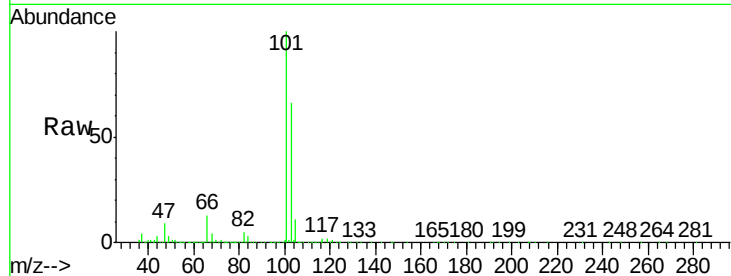


#7

Trichlorofluoromethane
 Concen: 17.400 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

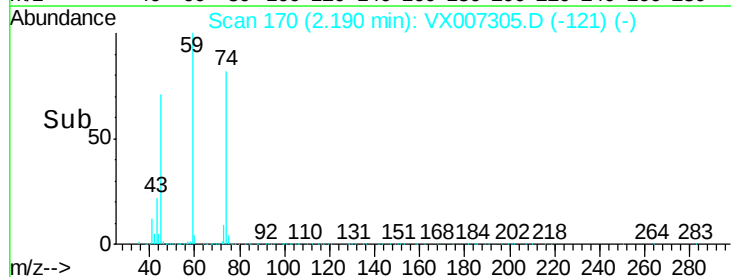
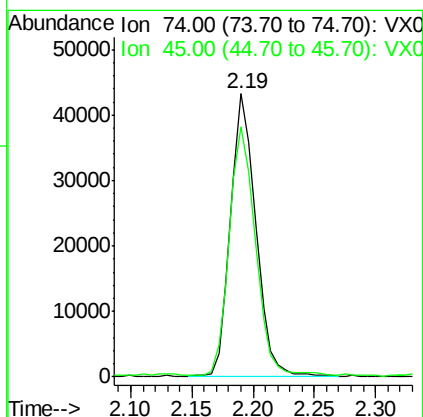
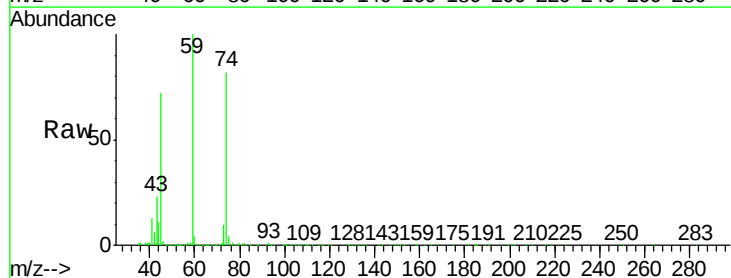
Tot Ion:101 Resp: 149848
 Ion Ratio Lower Upper
 101 100
 103 65.8 53.2 79.8

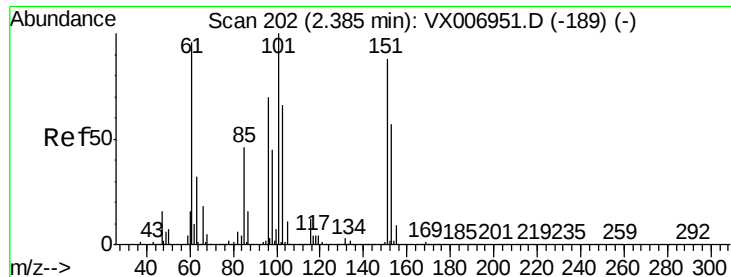


#8

Diethyl Ether
 Concen: 18.142 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Tgt Ion: 74 Resp: 62159
 Ion Ratio Lower Upper
 74 100
 45 89.8 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.259 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

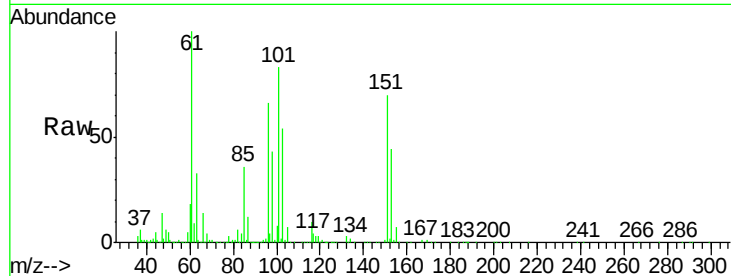
Tot Ion:101 Resp: 88987

Ion Ratio Lower Upper

101 100

85 45.1 35.1 52.7

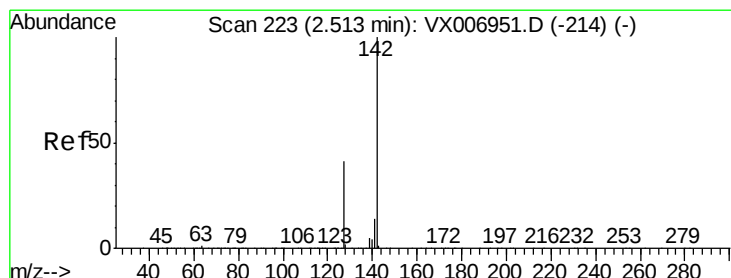
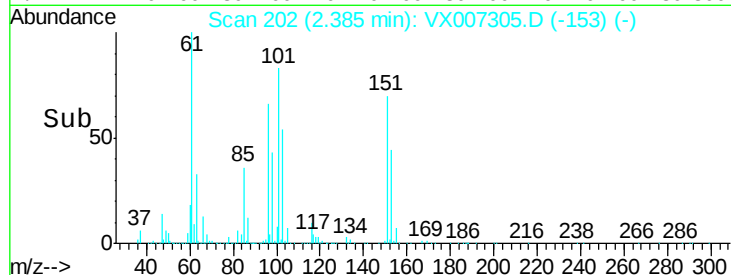
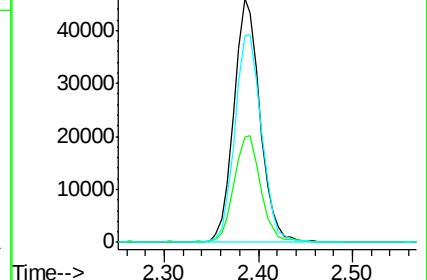
151 87.1 68.9 103.3



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: 18.615 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

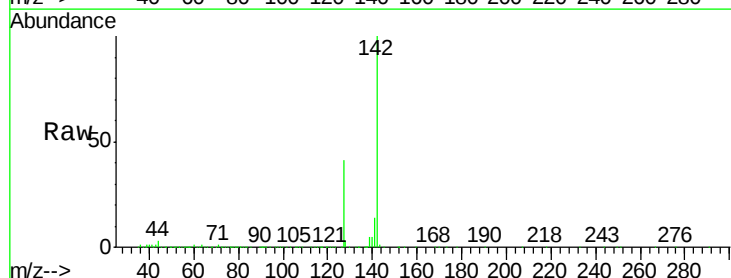
Tgt Ion:142 Resp: 129465

Ion Ratio Lower Upper

142 100

127 42.1 33.9 50.9

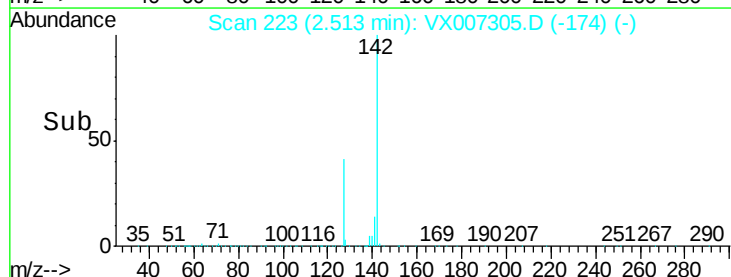
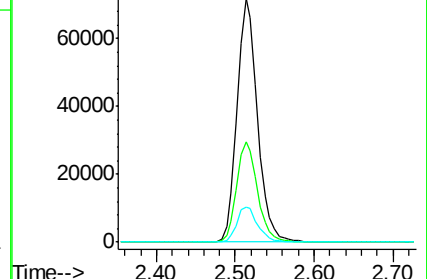
141 14.8 11.4 17.0

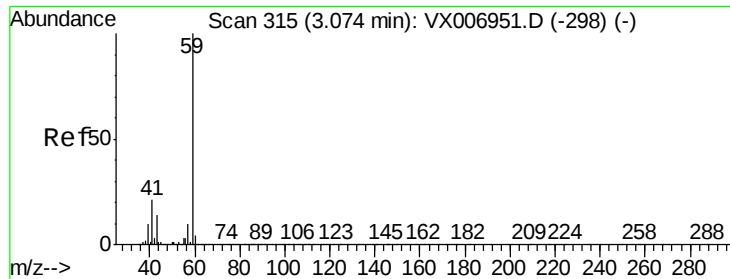


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



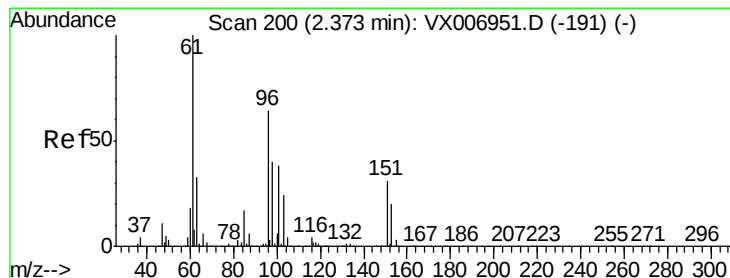
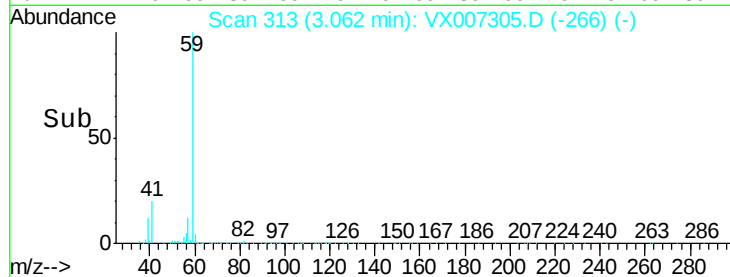
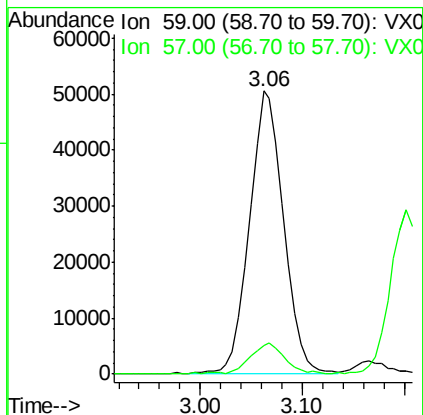
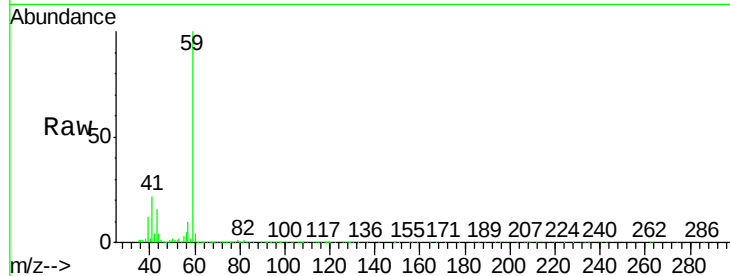


#11

Tert butyl alcohol
 Concen: 91.537 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

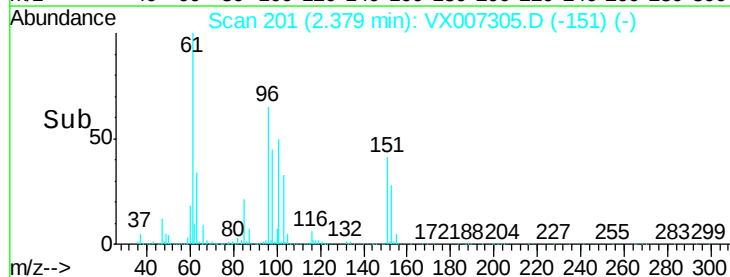
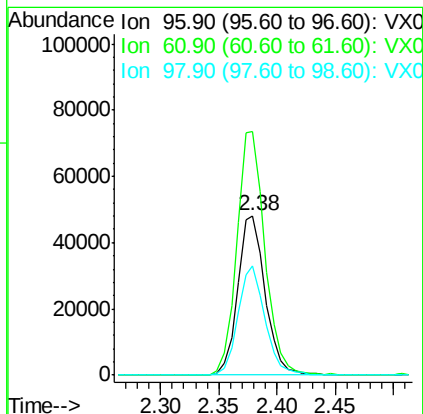
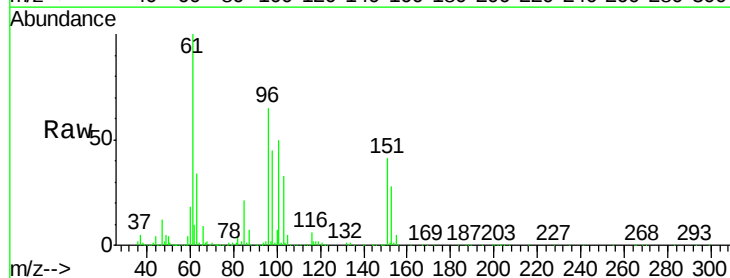
Tot Ion: 59 Resp: 116962
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

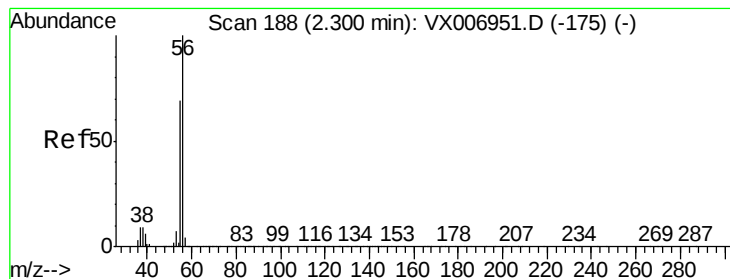


#12

1,1-Dichloroethene
 Concen: 16.487 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Tgt Ion: 96 Resp: 78537
 Ion Ratio Lower Upper
 96 100
 61 153.2 121.4 182.2
 98 68.7 51.9 77.9





#13

Acrolein

Concen: 105.682 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

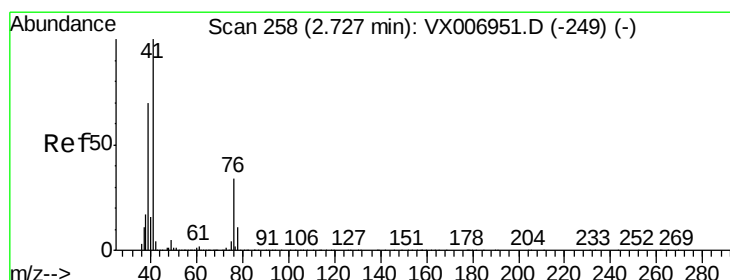
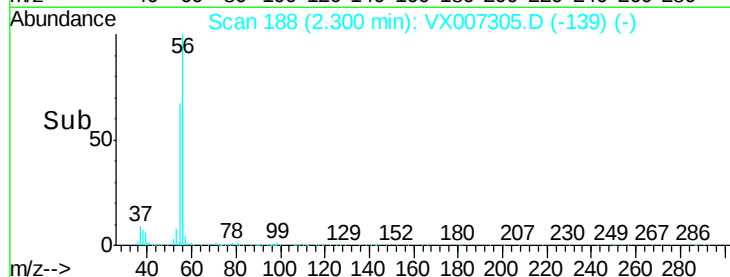
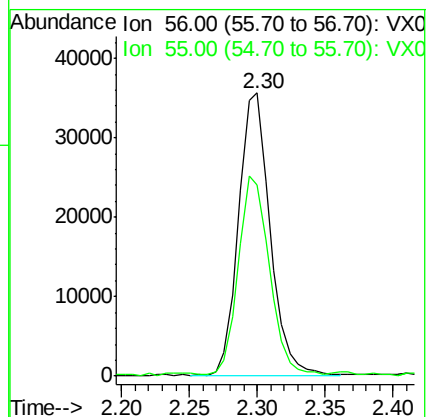
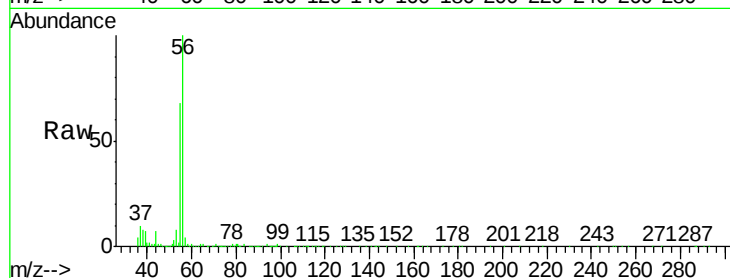
VX0130WBSD01

Tot Ion: 56 Resp: 57245

Ion Ratio Lower Upper

56 100

55 69.1 58.2 87.4



#14

Allyl chloride

Concen: 17.273 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

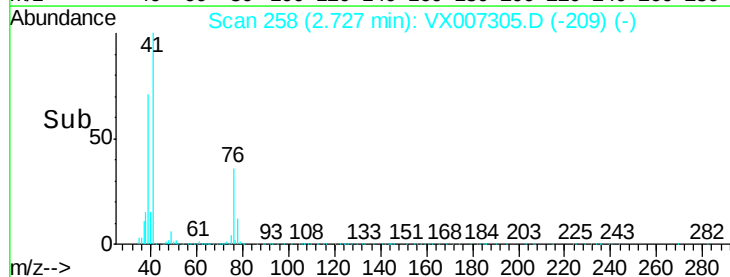
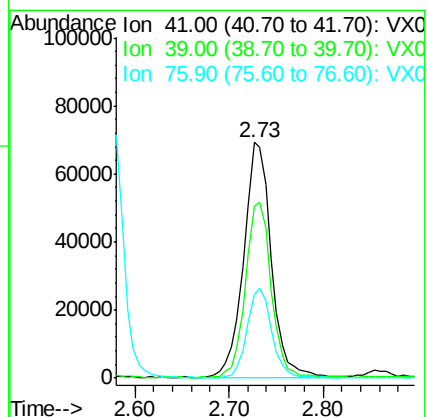
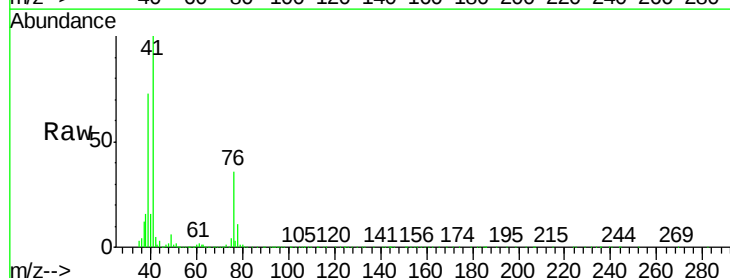
Tgt Ion: 41 Resp: 141018

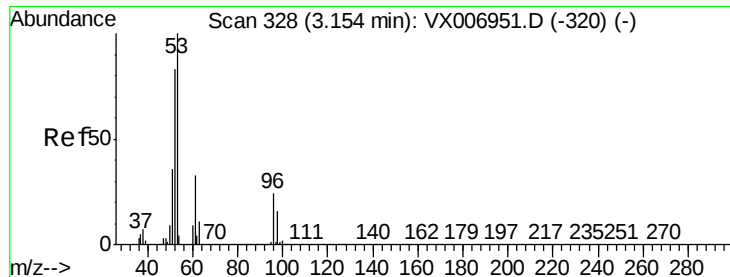
Ion Ratio Lower Upper

41 100

39 70.0 53.6 80.4

76 34.1 27.4 41.2





#15

Acrylonitrile

Concen: 94.785 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampled :

VX0130WBSD01

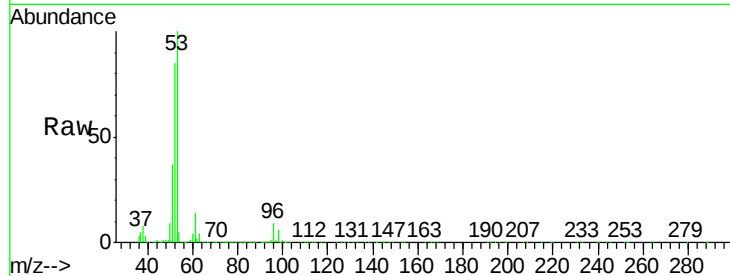
Tot Ion: 53 Resp: 278028

Ion Ratio Lower Upper

53 100

52 82.1 66.0 99.0

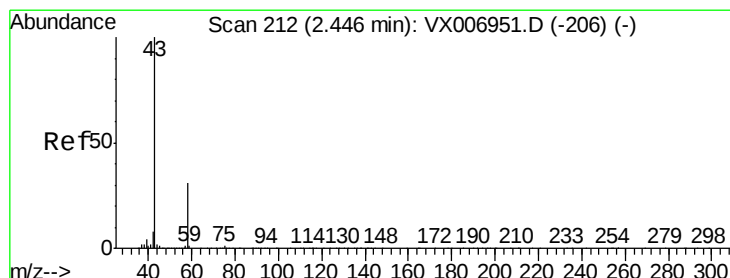
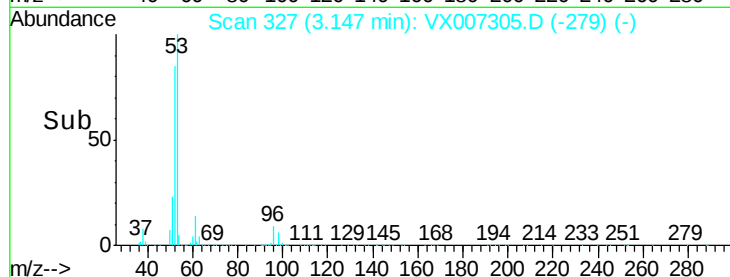
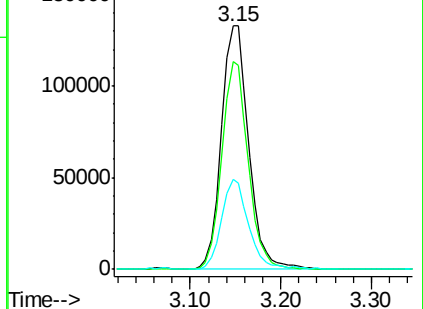
51 36.5 28.6 42.8



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: 95.246 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007305.D

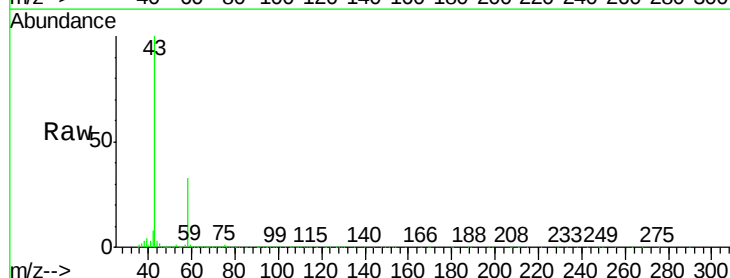
Acq: 30 Jan 2019 10:58

Tgt Ion: 43 Resp: 255052

Ion Ratio Lower Upper

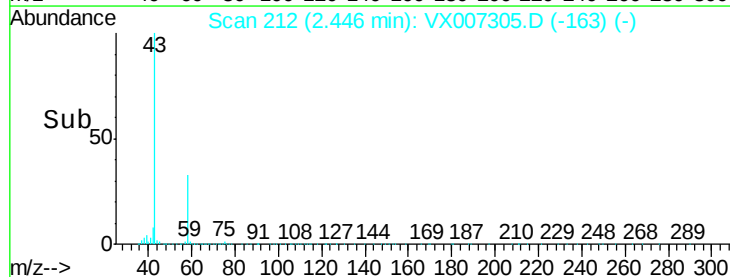
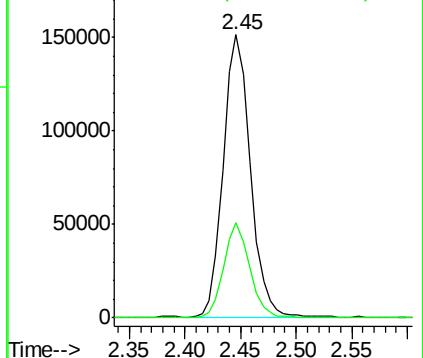
43 100

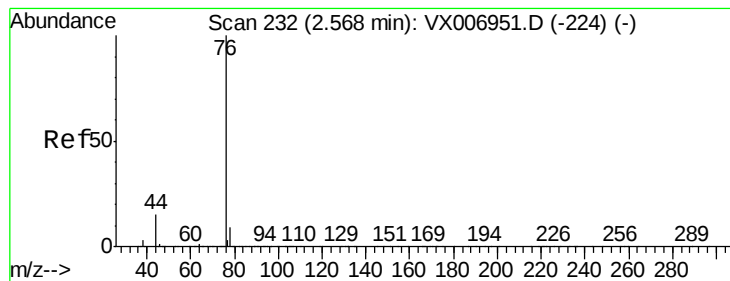
58 33.5 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 12.960 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

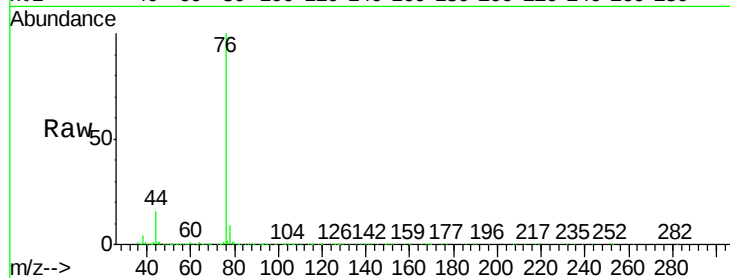
VX0130WBSD01

Tot Ion: 76 Resp: 158943

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

60000

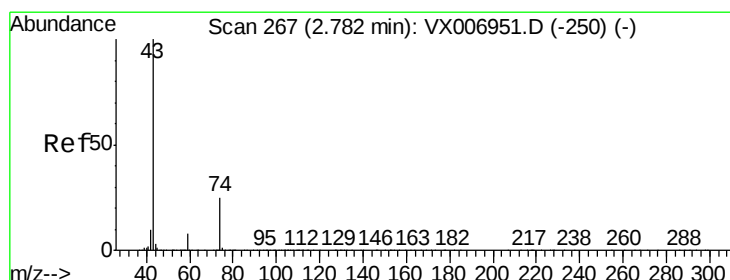
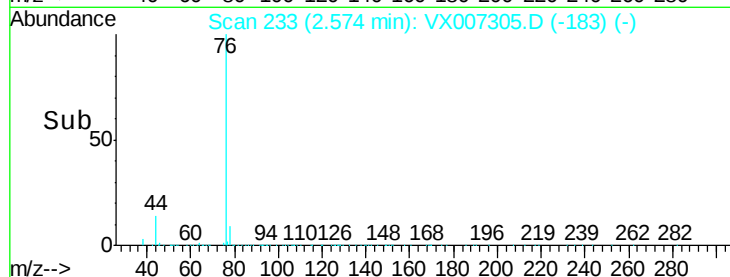
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 20.423 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007305.D

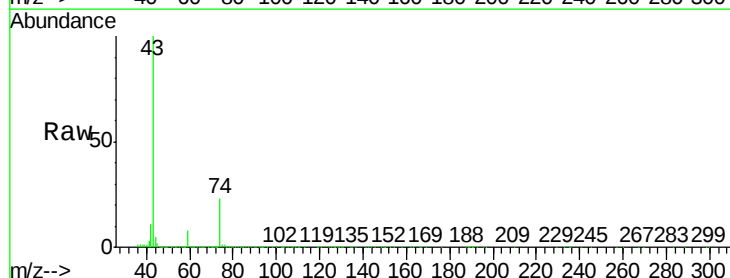
Acq: 30 Jan 2019 10:58

Tgt Ion: 43 Resp: 158380

Ion Ratio Lower Upper

43 100

74 24.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

60000

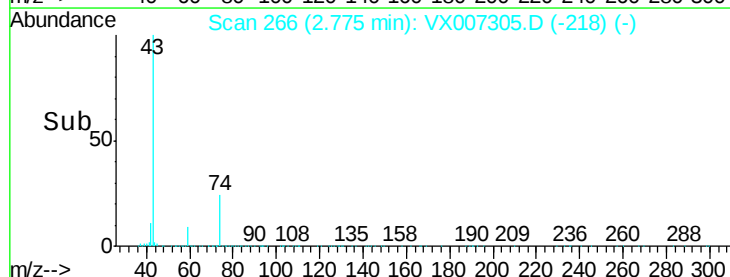
40000

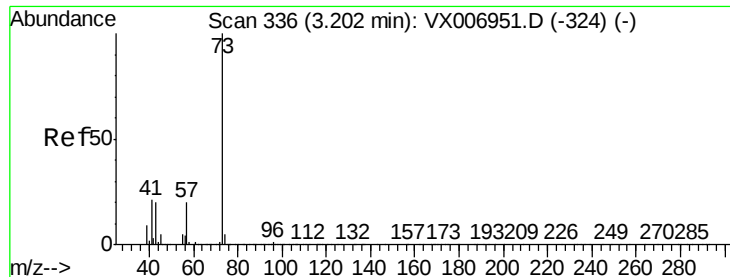
20000

0

Time-->

2.70 2.75 2.80 2.85



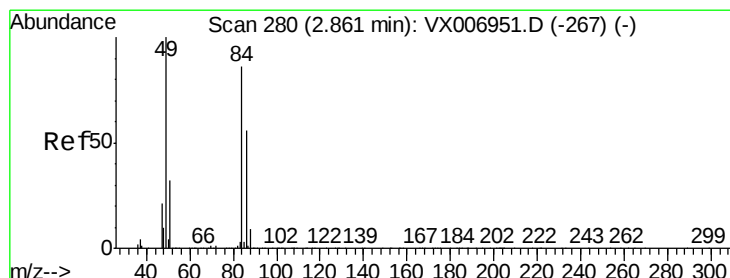
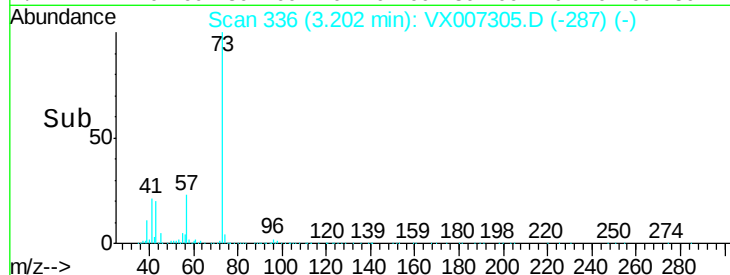
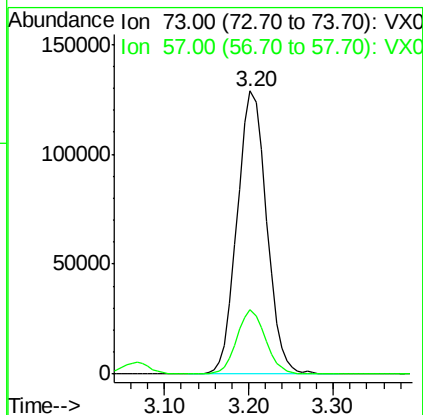
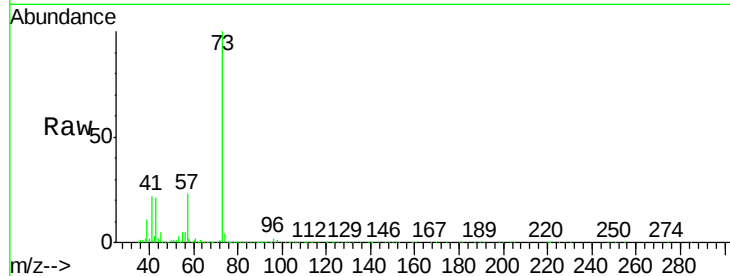


#19

Methyl tert-butyl Ether
 Concen: 18.387 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

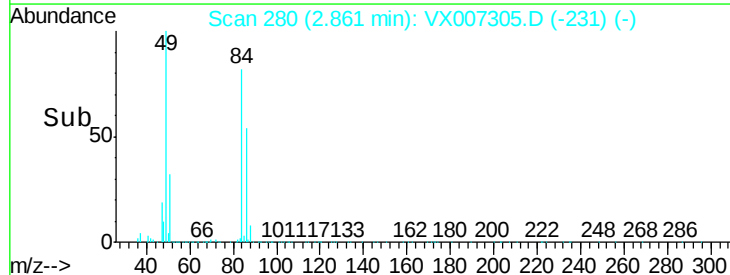
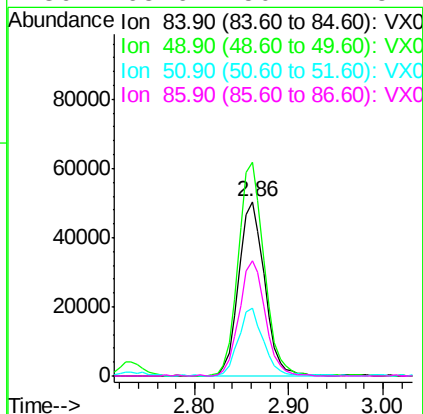
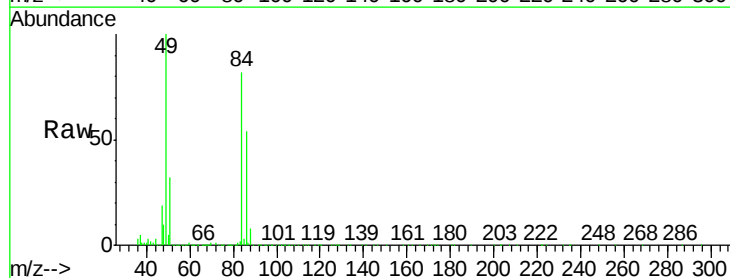
Tot Ion: 73 Resp: 304004
 Ion Ratio Lower Upper
 73 100
 57 22.7 16.8 25.2

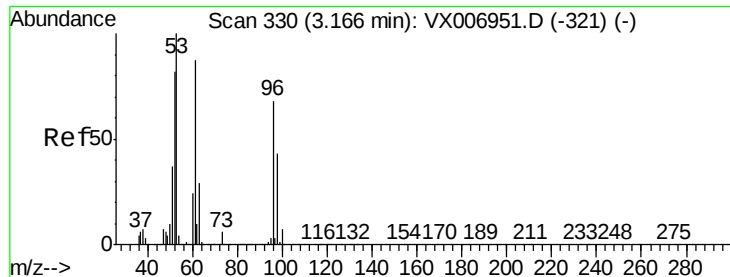


#20

Methylene Chloride
 Concen: 18.758 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Tgt Ion: 84 Resp: 97340
 Ion Ratio Lower Upper
 84 100
 49 122.2 91.8 137.6
 51 39.0 28.5 42.7
 86 65.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 16.227 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

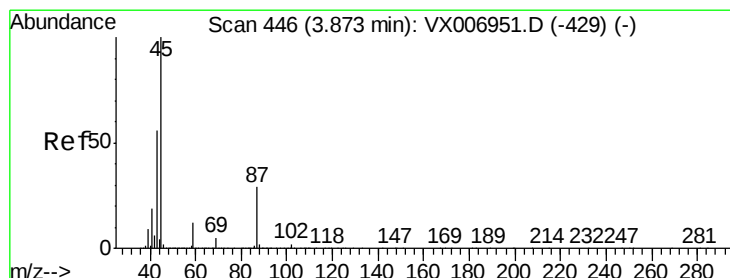
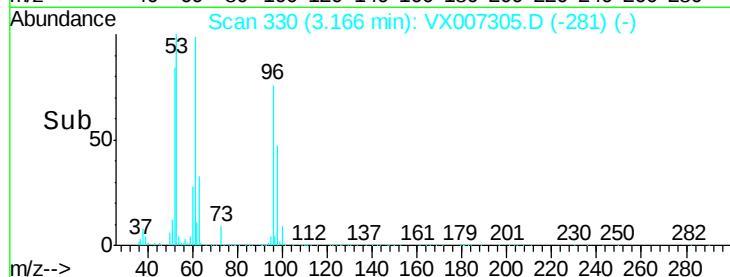
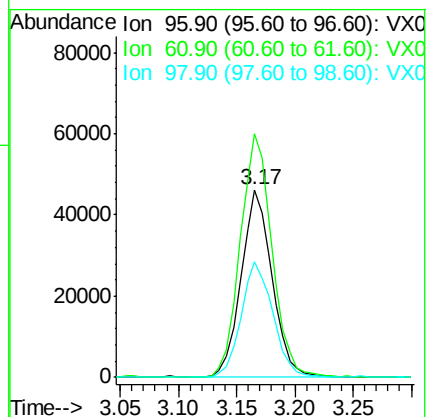
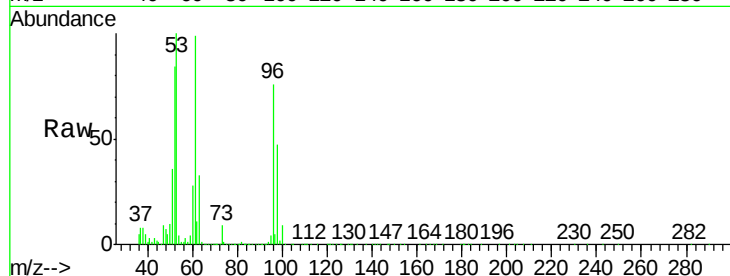
Tot Ion: 96 Resp: 86139

Ion Ratio Lower Upper

96 100

61 129.4 103.7 155.5

98 61.6 51.0 76.6



#22

Diisopropyl ether

Concen: 18.270 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion: 45 Resp: 280399

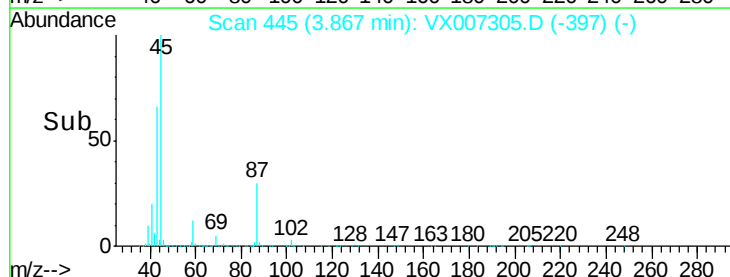
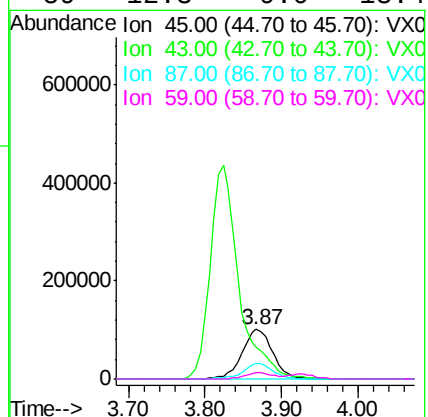
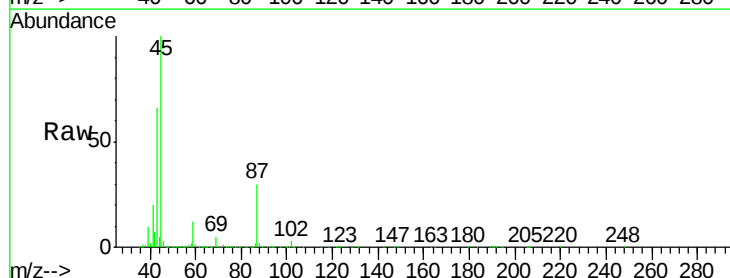
Ion Ratio Lower Upper

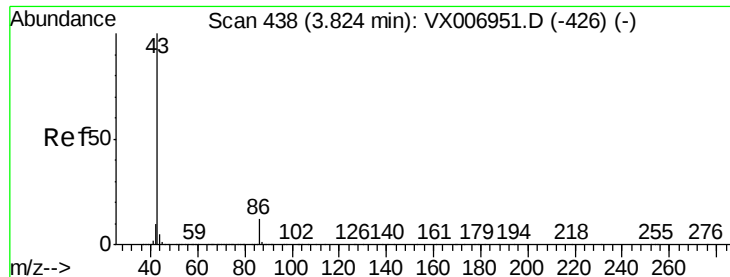
45 100

43 65.1 51.2 76.8

87 29.6 25.8 38.6

59 12.3 9.0 13.4





#23

Vinyl Acetate

Concen: 88.060 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

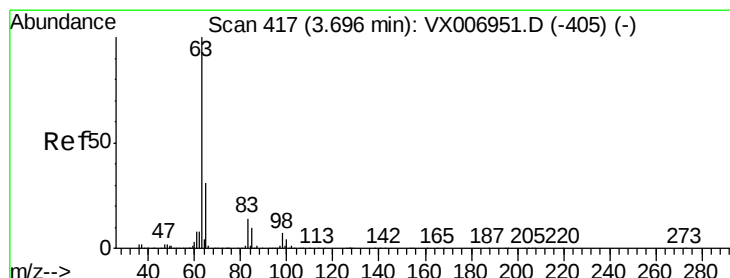
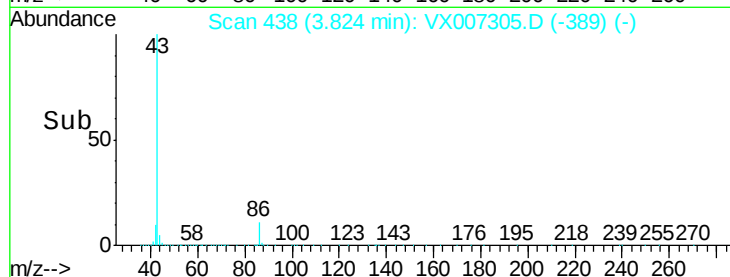
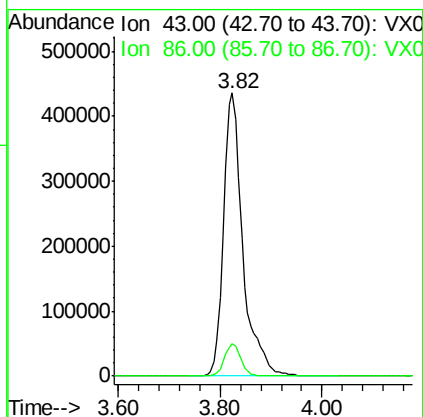
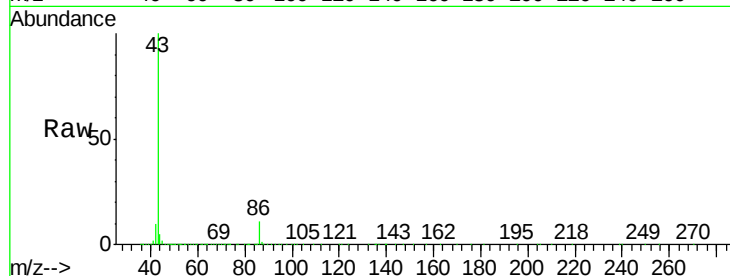
VX0130WBSD01

Tot Ion: 43 Resp: 1139780

Ion Ratio Lower Upper

43 100

86 11.4 9.2 13.8



#24

1,1-Dichloroethane

Concen: 18.531 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

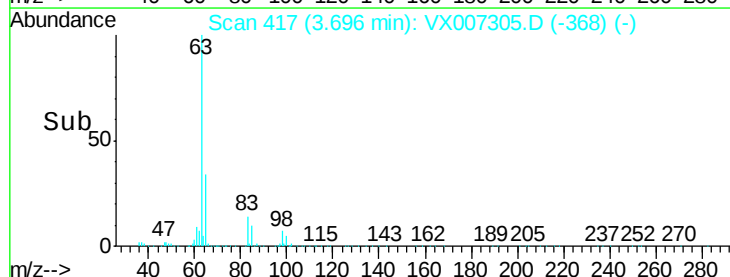
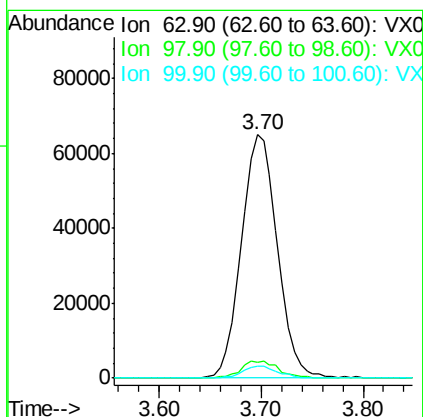
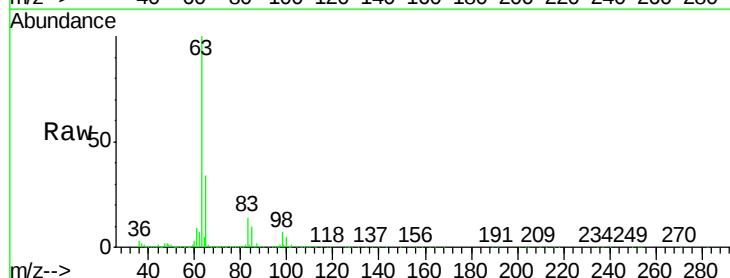
Tgt Ion: 63 Resp: 159035

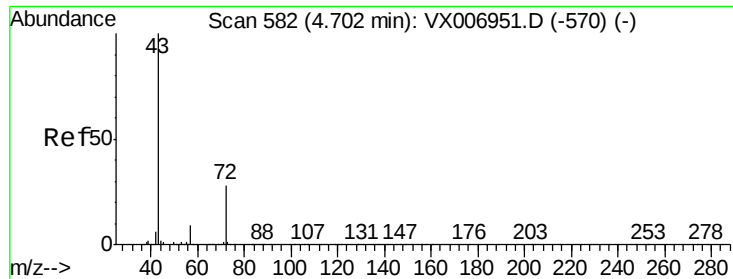
Ion Ratio Lower Upper

63 100

98 6.3 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 94.277 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

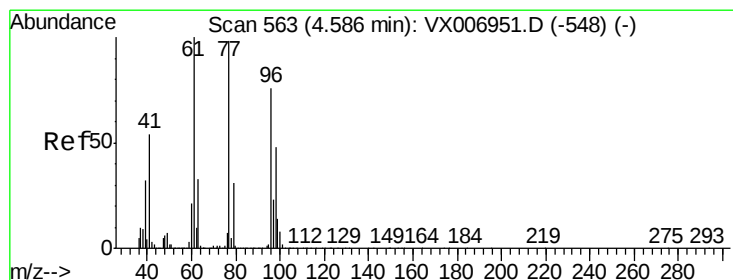
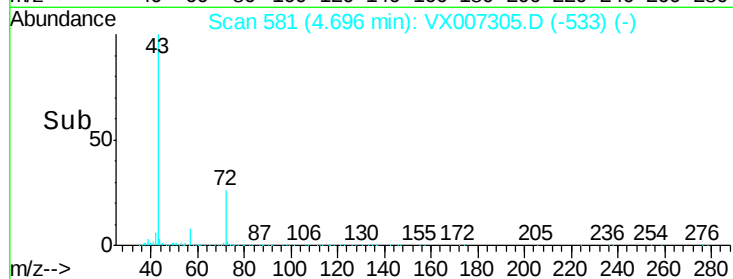
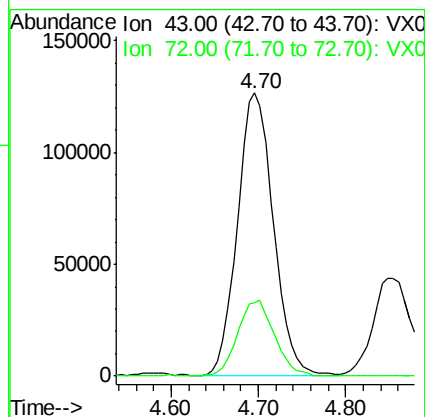
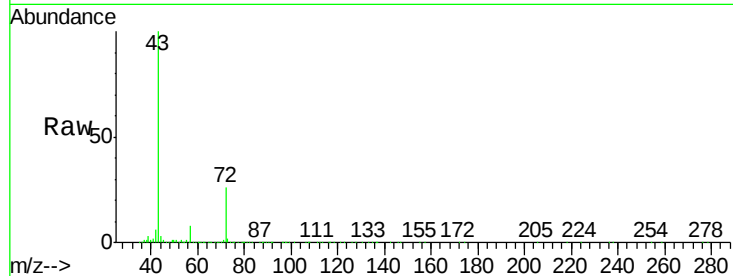
VX0130WBSD01

Tot Ion: 43 Resp: 361231

Ion Ratio Lower Upper

43 100

72 26.1 22.4 33.6



#26

2,2-Dichloropropane

Concen: 17.798 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007305.D

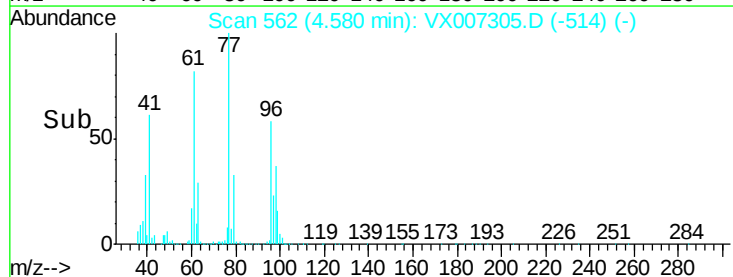
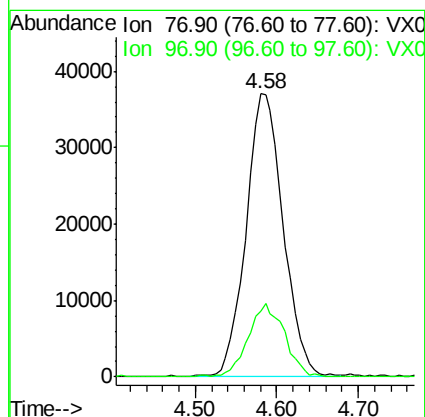
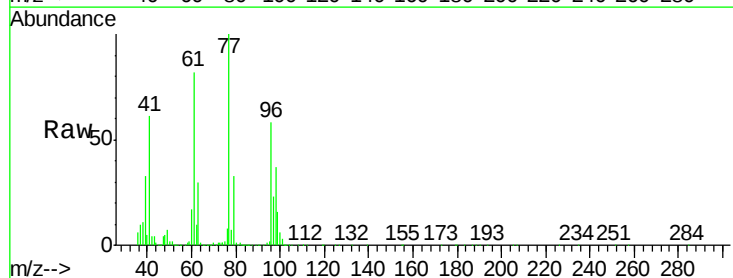
Acq: 30 Jan 2019 10:58

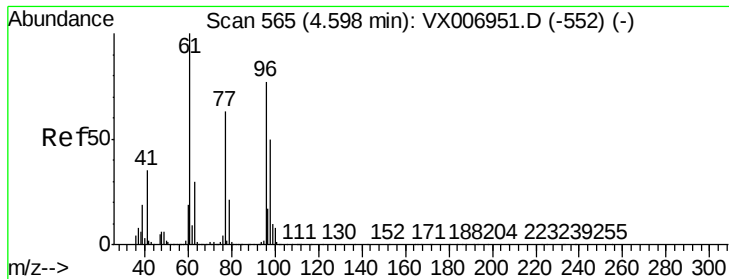
Tgt Ion: 77 Resp: 117456

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4



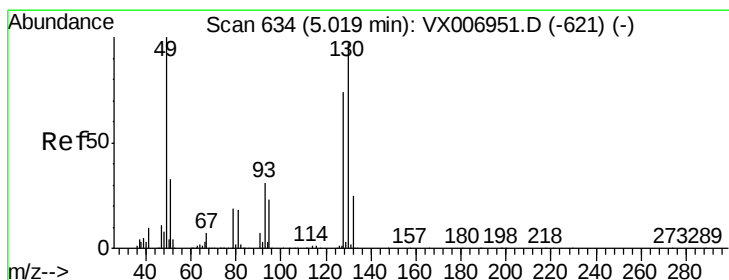
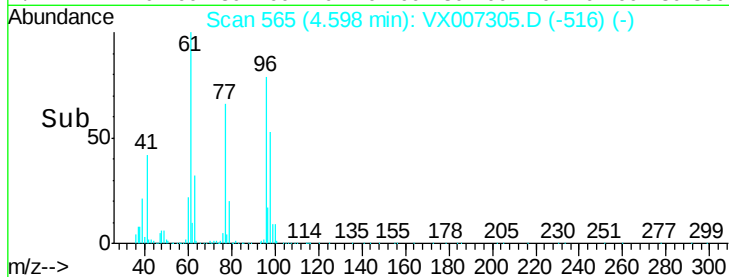
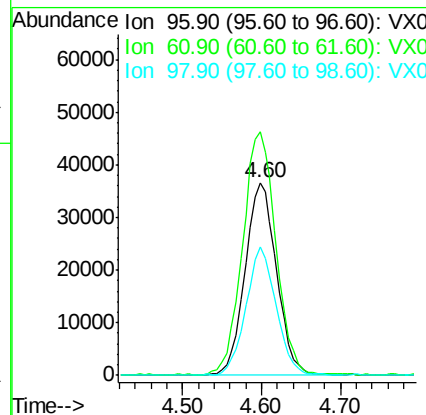
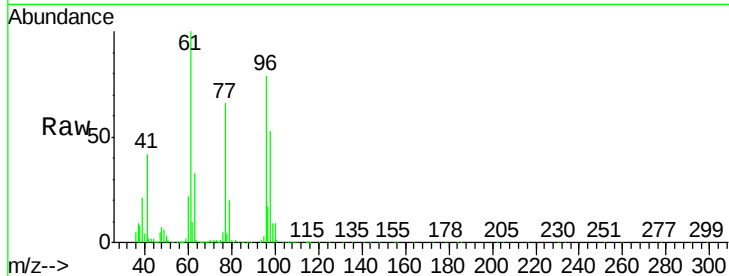


#27

cis-1,2-Dichloroethene
 Concen: 17.341 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

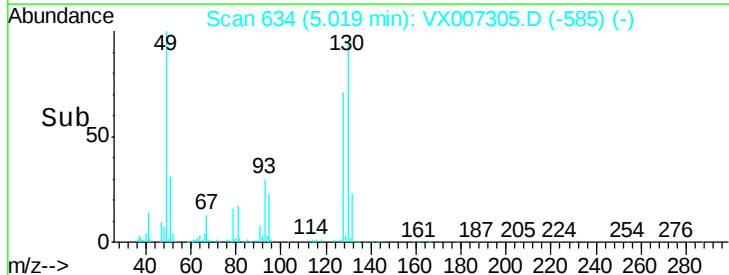
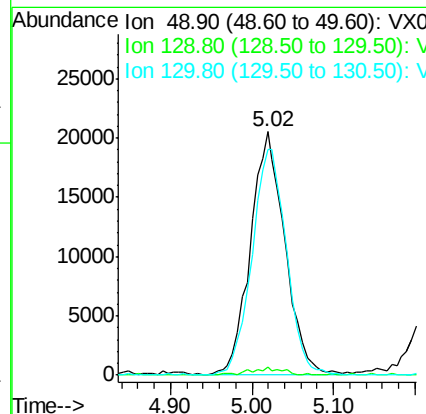
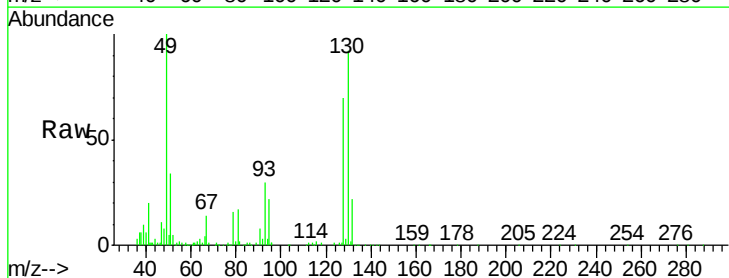
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	258.6
98	64.3	0.0	132.0

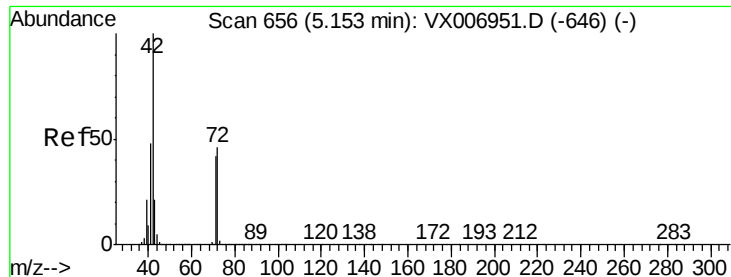


#28

Bromochloromethane
 Concen: 16.154 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	92.4	77.7	116.5





#29

Tetrahydrofuran

Concen: 92.255 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

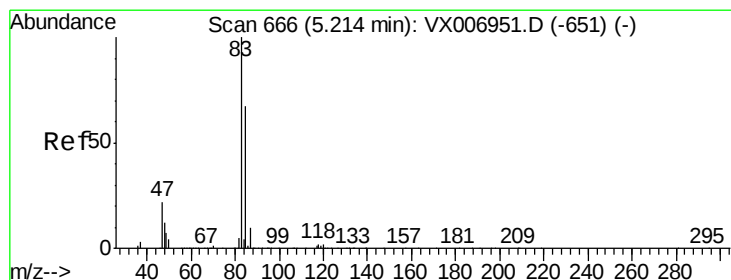
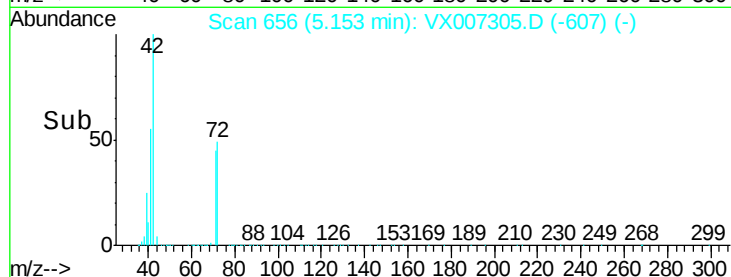
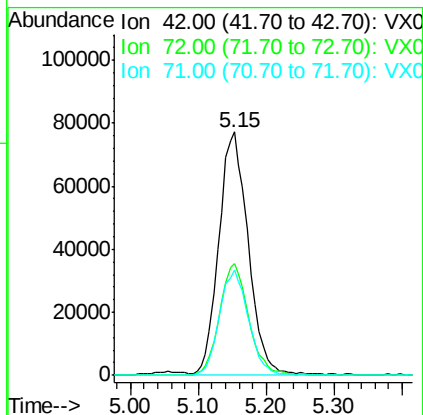
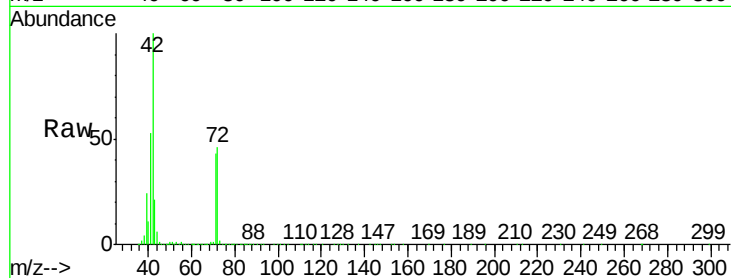
Tot Ion: 42 Resp: 229720

Ion Ratio Lower Upper

42 100

72 45.5 38.9 58.3

71 43.3 36.2 54.4



#30

Chloroform

Concen: 18.869 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007305.D

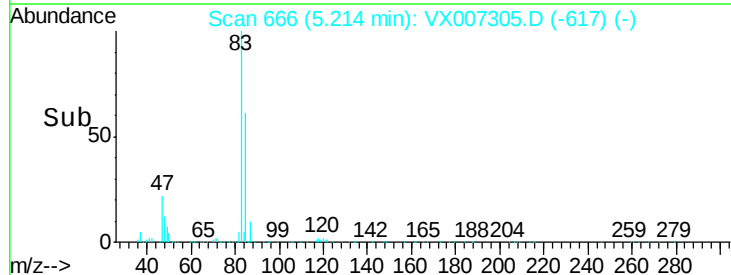
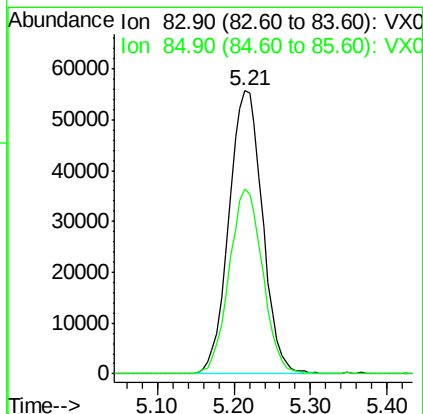
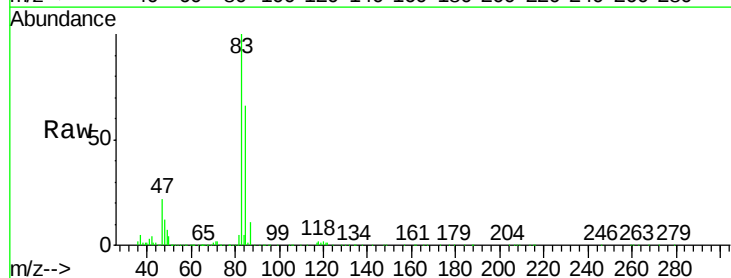
Acq: 30 Jan 2019 10:58

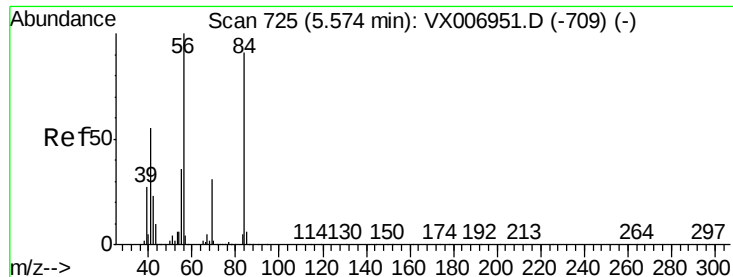
Tgt Ion: 83 Resp: 169548

Ion Ratio Lower Upper

83 100

85 65.4 51.2 76.8

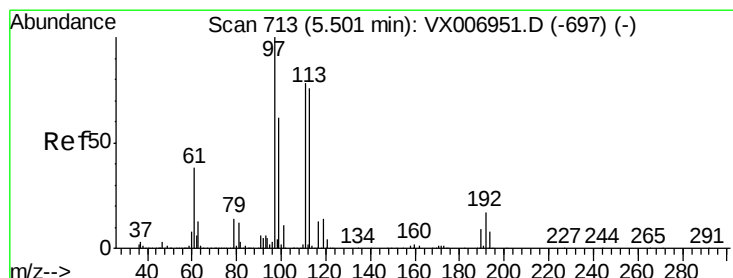
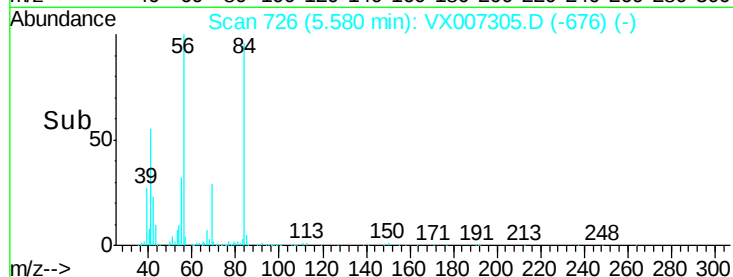
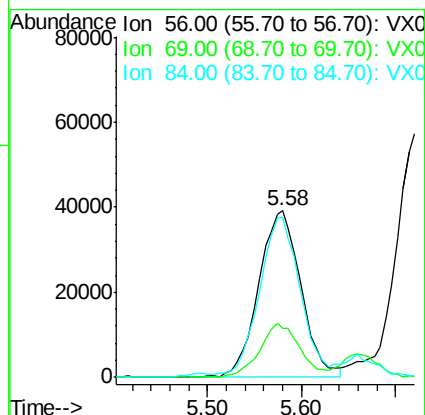
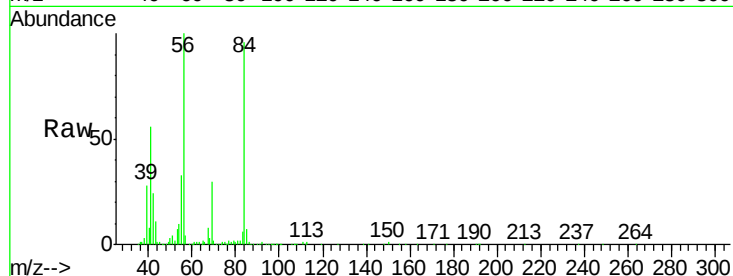




#31
Cyclohexane
Concen: 15.995 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

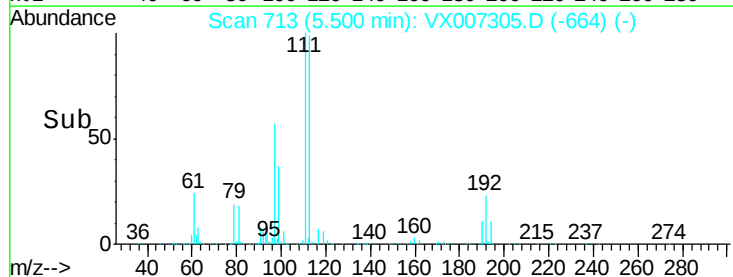
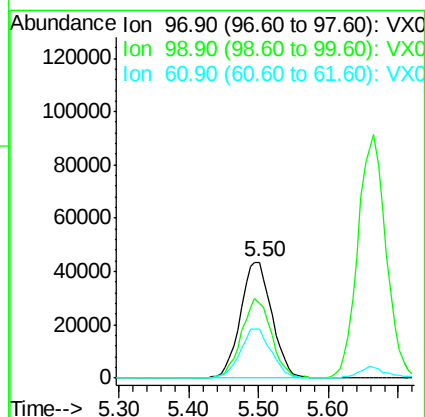
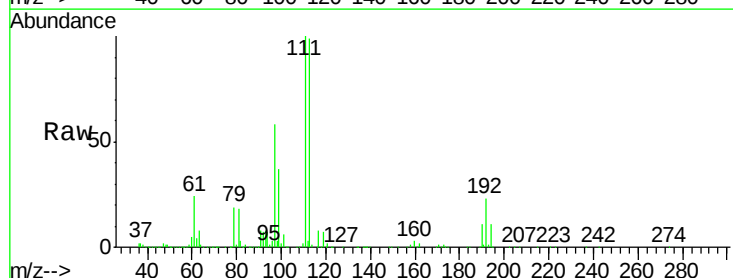
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

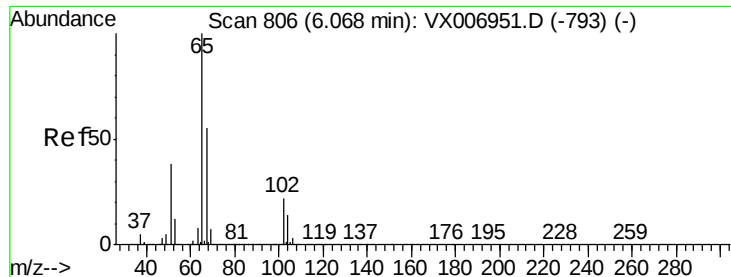
Tot Ion: 56 Resp: 122172
Ion Ratio Lower Upper
56 100
69 29.0 24.4 36.6
84 94.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 17.849 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion: 97 Resp: 135937
Ion Ratio Lower Upper
97 100
99 65.5 51.7 77.5
61 42.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 42.910 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

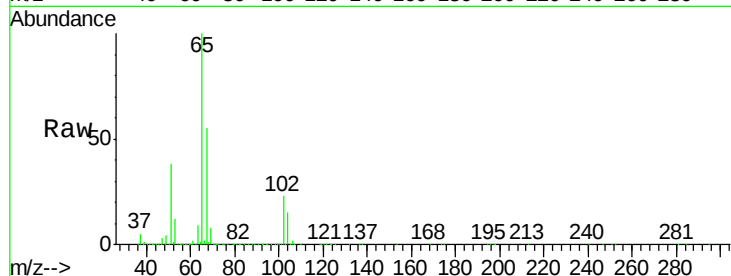
VX0130WBSD01

Tot Ion: 65 Resp: 232427

Ion Ratio Lower Upper

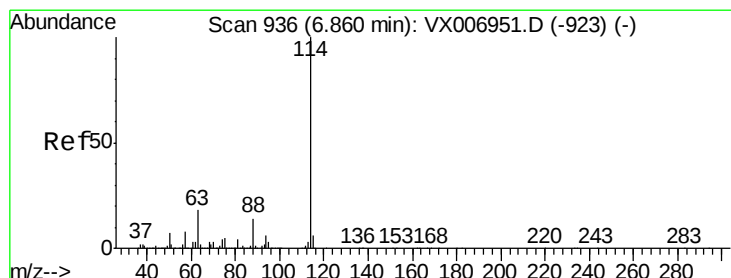
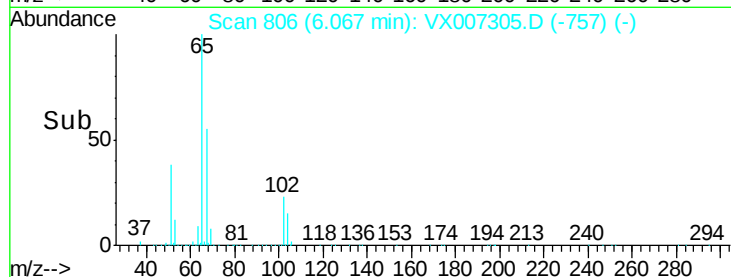
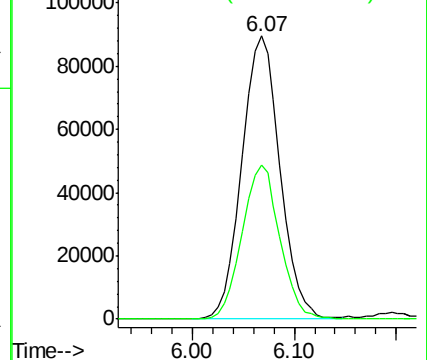
65 100

67 54.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

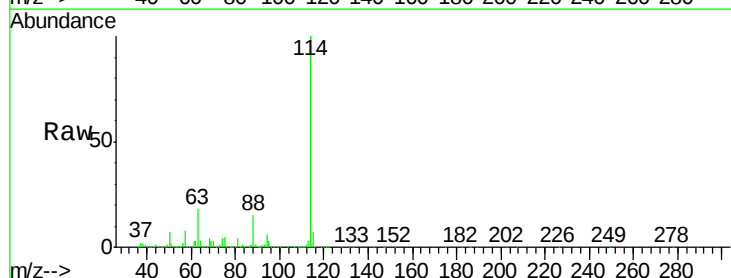
Tgt Ion: 114 Resp: 767364

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

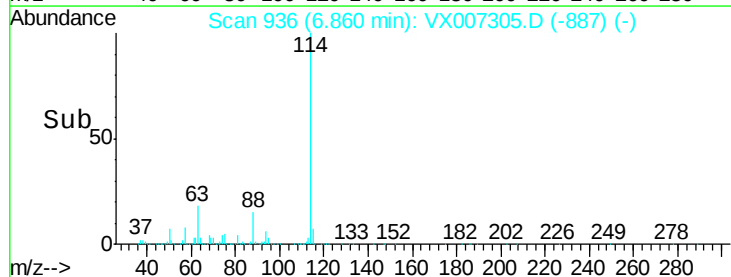
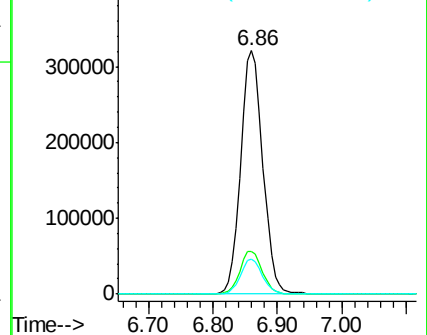
88 14.6 0.0 28.8

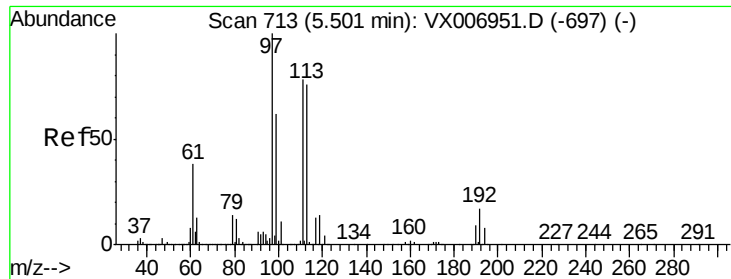


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 43.428 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

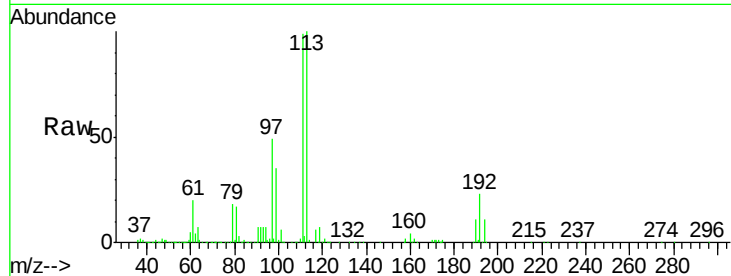
Tot Ion:113 Resp: 213412

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

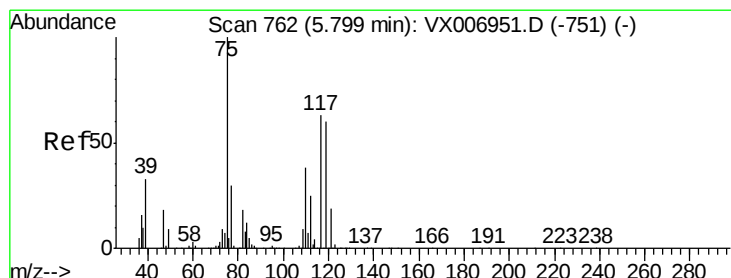
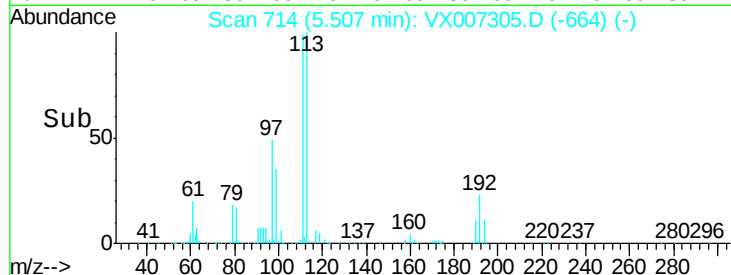
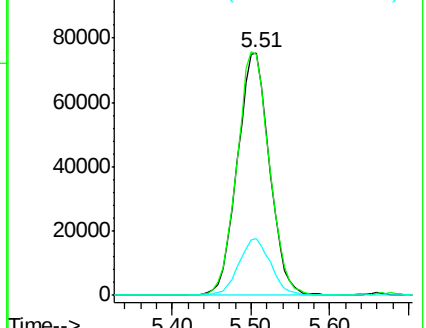
192 23.0 16.7 25.1



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: 16.713 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

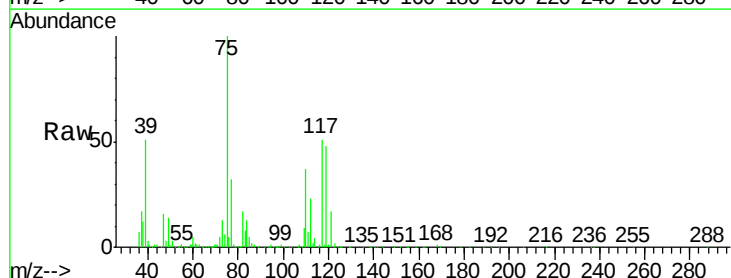
Tgt Ion: 75 Resp: 111503

Ion Ratio Lower Upper

75 100

110 41.2 20.2 60.5

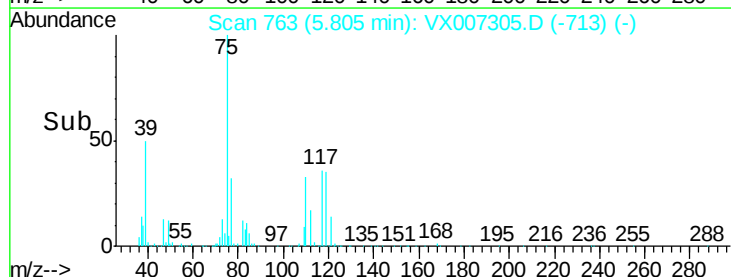
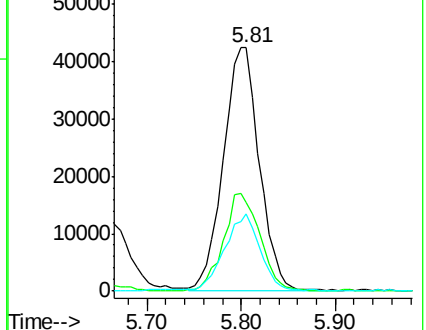
77 31.4 24.8 37.2

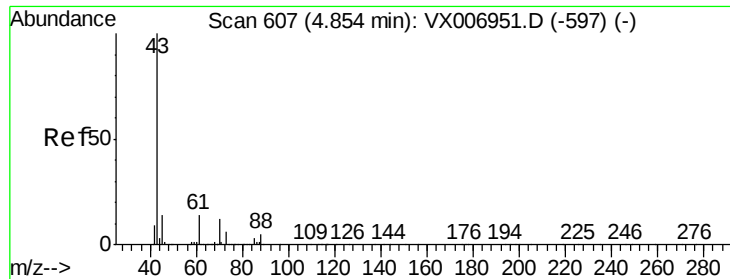


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

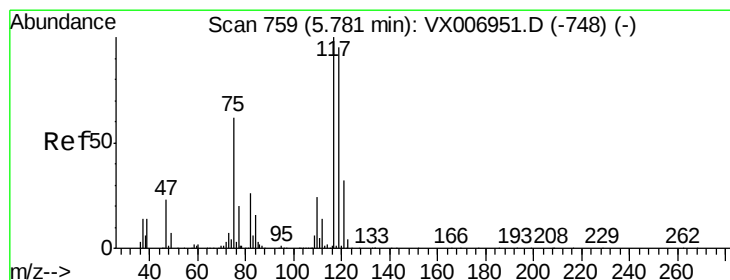
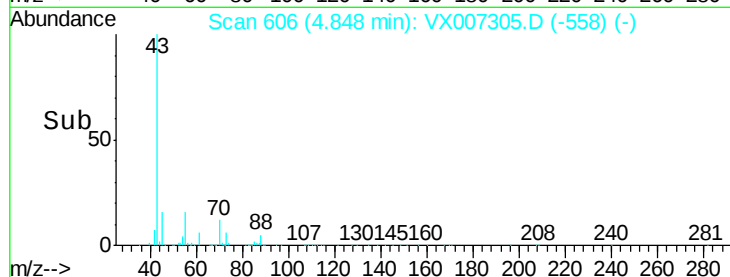
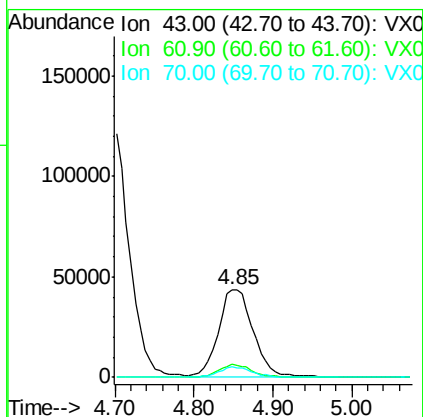
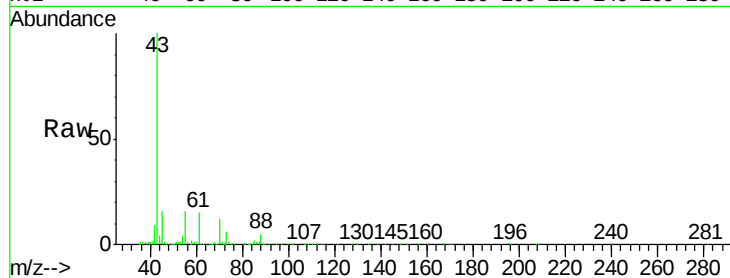




#37
Ethyl Acetate
Concen: 18.631 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

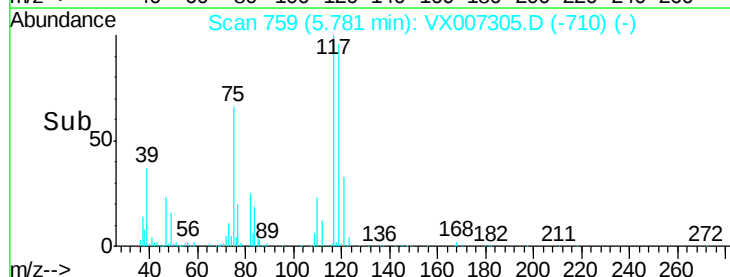
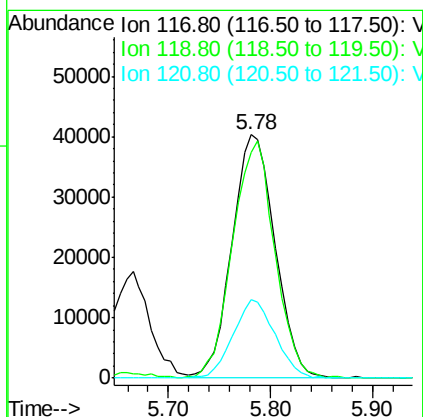
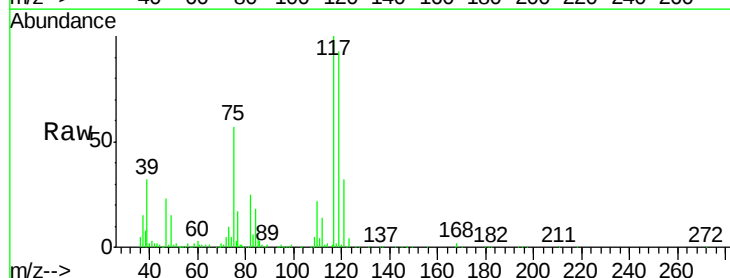
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

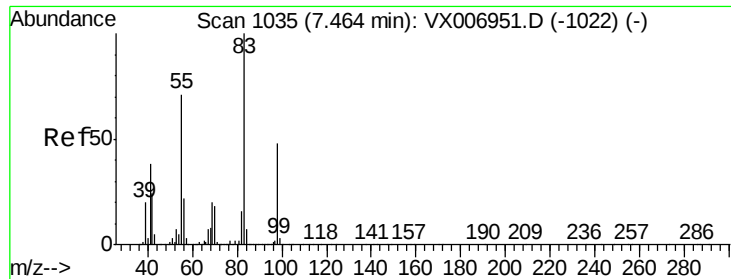
Tot Ion: 43 Resp: 133263
Ion Ratio Lower Upper
43 100
61 14.0 11.9 17.9
70 11.6 9.7 14.5



#38
Carbon Tetrachloride
Concen: 17.560 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion: 117 Resp: 117871
Ion Ratio Lower Upper
117 100
119 92.5 79.4 119.2
121 32.1 24.0 36.0

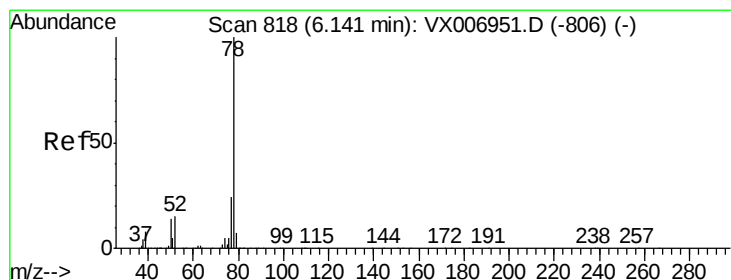
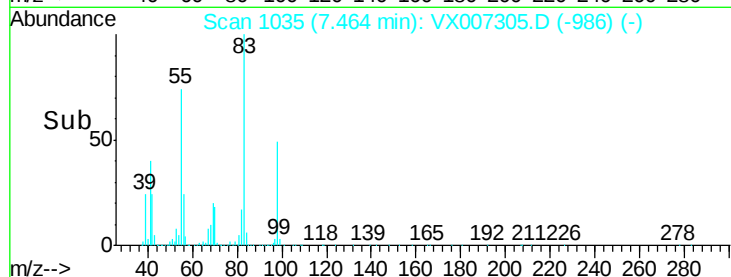
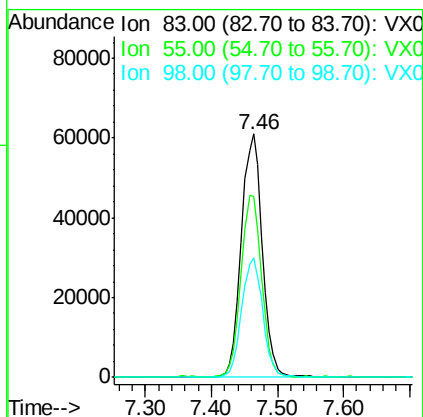
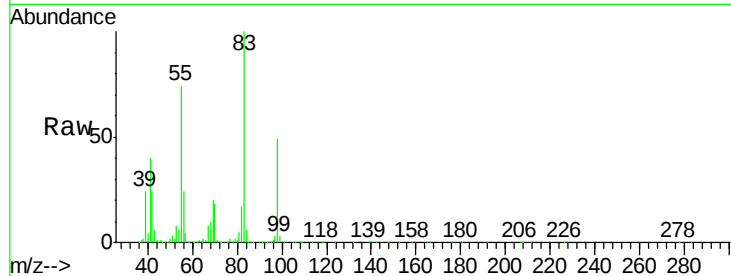




#39
Methvlcvclohexane
Concen: 15.844 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

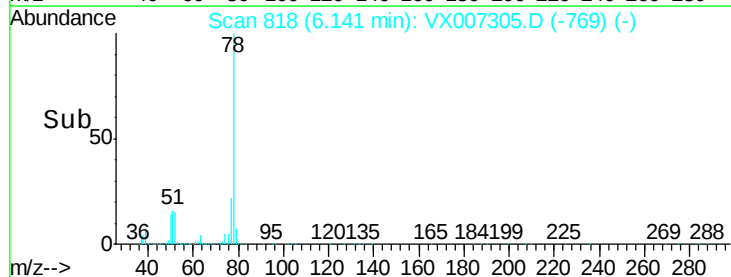
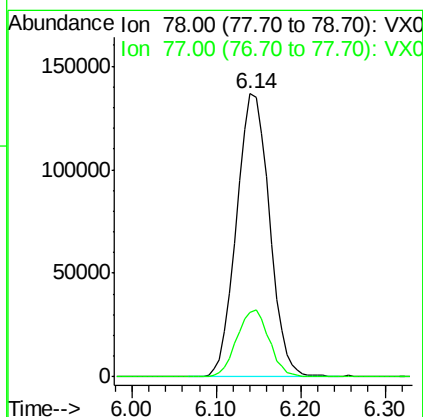
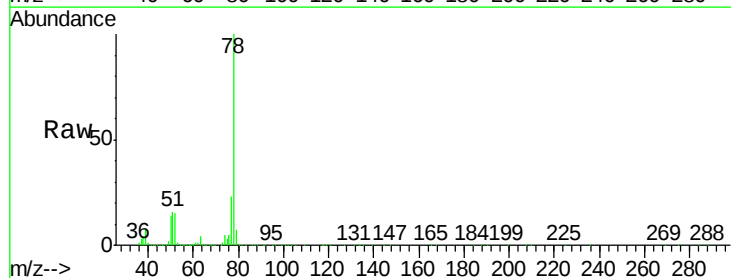
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

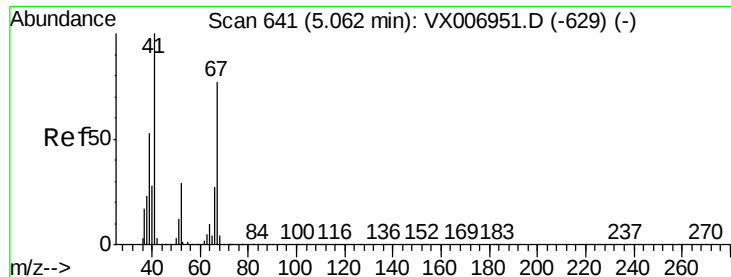
Tot Ion: 83 Resp: 134760
Ion Ratio Lower Upper
83 100
55 74.1 54.9 82.3
98 48.9 37.9 56.9



#40
Benzene
Concen: 17.801 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion: 78 Resp: 362373
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8





#41

Methacrylonitrile

Concen: 18.421 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 41 Resp: 75901

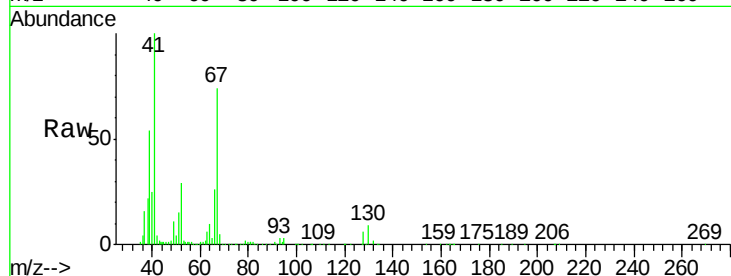
Ion Ratio Lower Upper

41 100

39 55.6 42.8 64.2

67 73.5 62.1 93.1

52 29.0 23.4 35.0

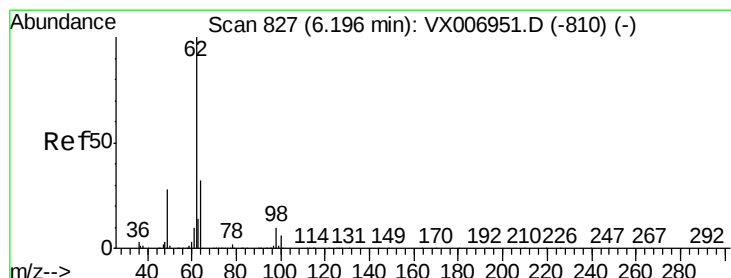
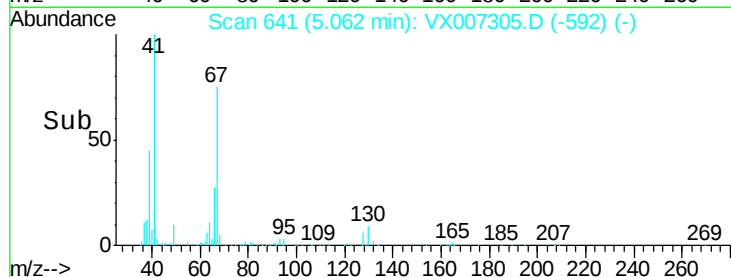
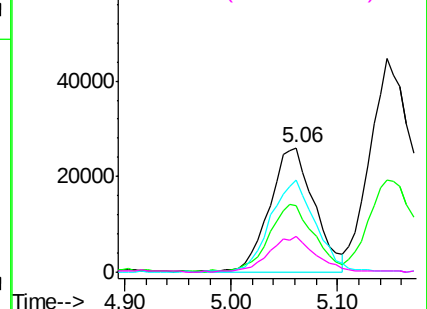


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 17.807 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007305.D

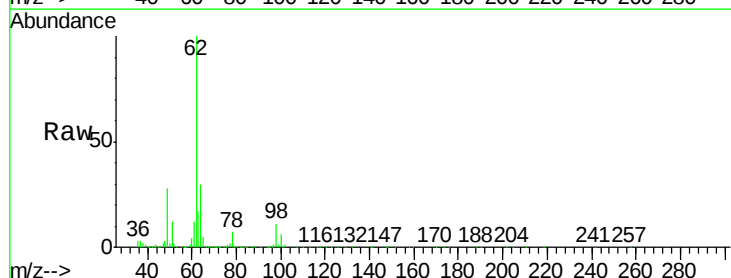
Acq: 30 Jan 2019 10:58

Tgt Ion: 62 Resp: 125269

Ion Ratio Lower Upper

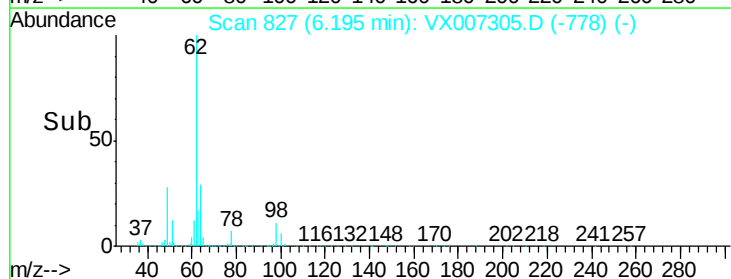
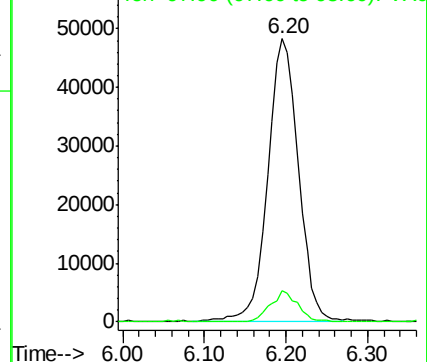
62 100

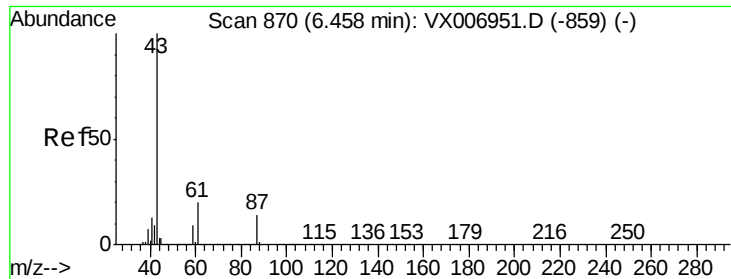
98 10.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



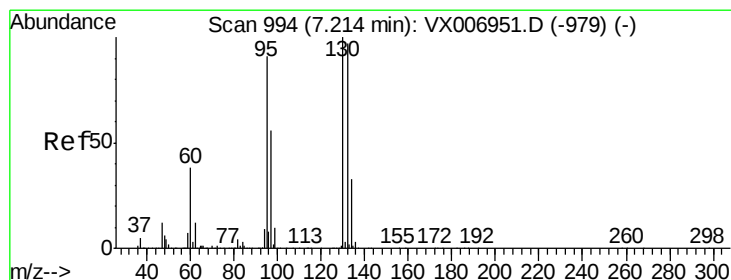
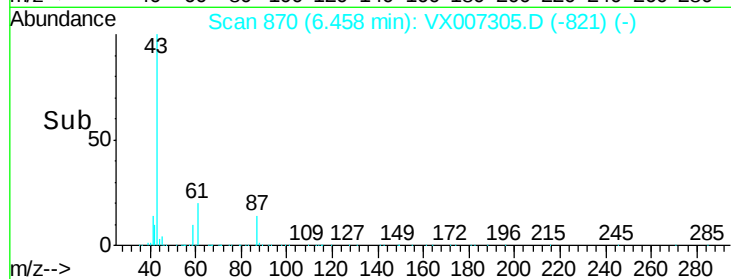
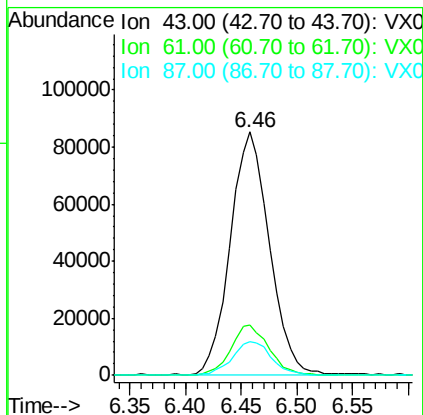
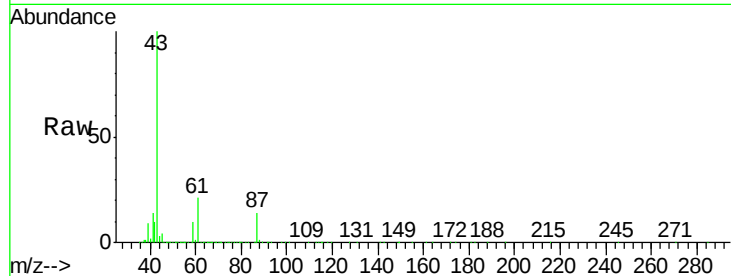


#43

Isopropyl Acetate
 Concen: 18.309 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

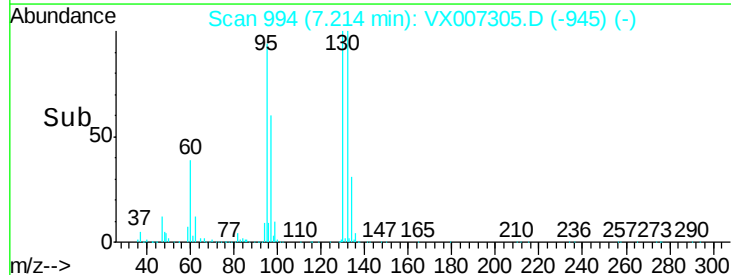
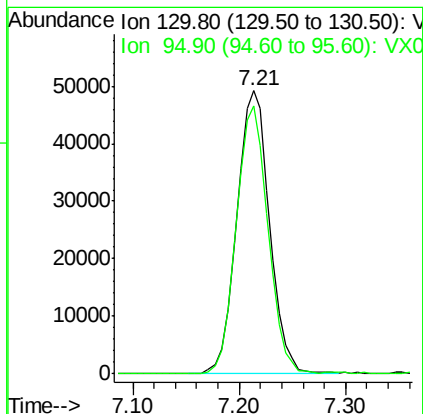
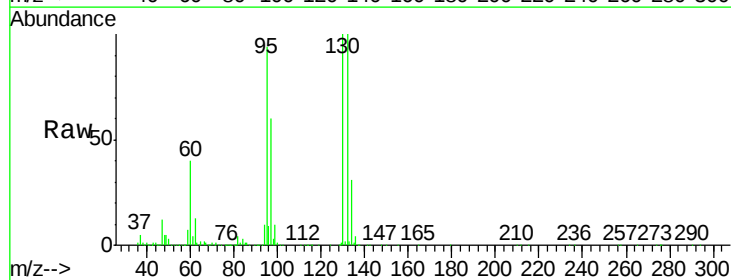
Tot Ion	43	Resp	206567
Ion Ratio	Lower	Upper	
43	100		
61	20.2	16.8	25.2
87	14.4	12.4	18.6

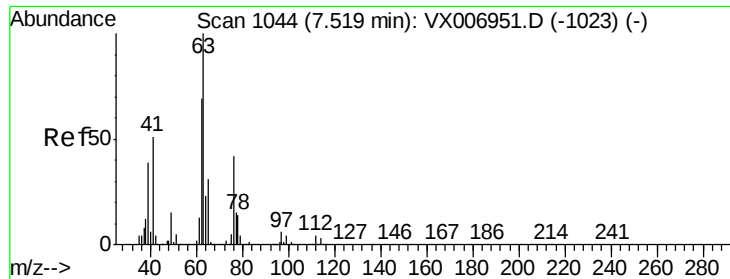


#44

Trichloroethene
 Concen: 17.337 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Tgt Ion	130	Resp	105762
Ion Ratio	Lower	Upper	
130	100		
95	94.6	0.0	187.0





#45

1,2-Dichloropropane

Concen: 18.519 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

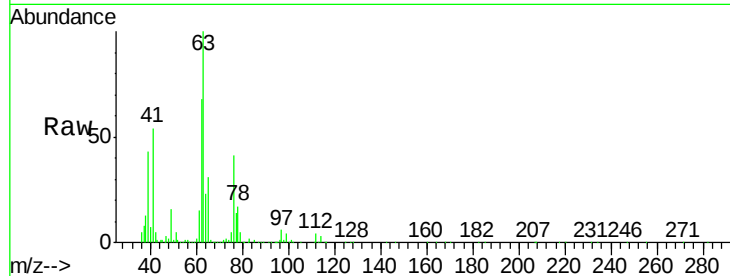
VX0130WBSD01

Tot Ion: 63 Resp: 94777

Ion Ratio Lower Upper

63 100

65 30.3 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

50000

40000

30000

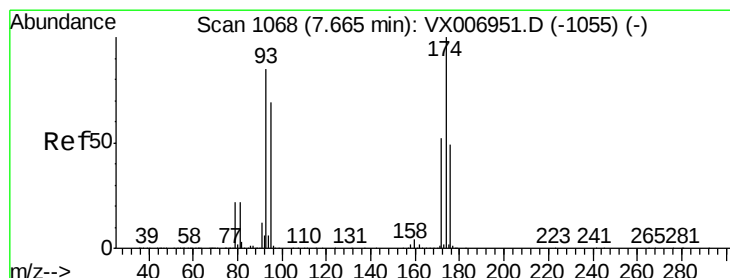
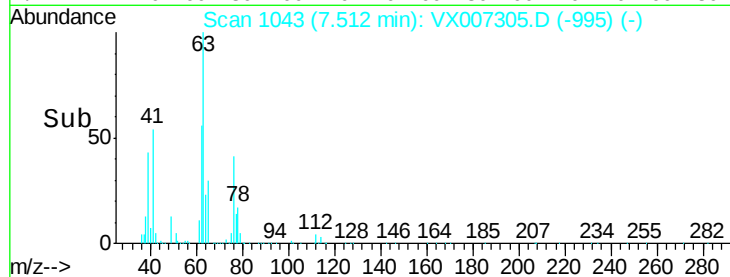
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 18.323 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

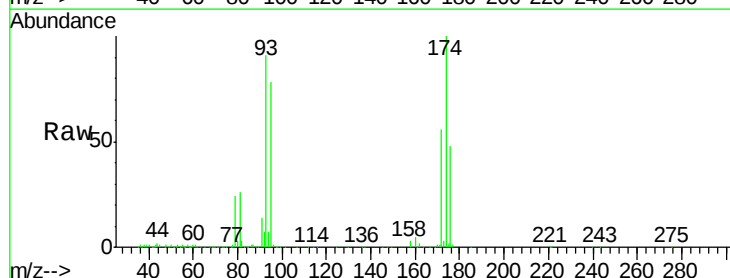
Tgt Ion: 93 Resp: 65905

Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 114.8 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

50000

40000

30000

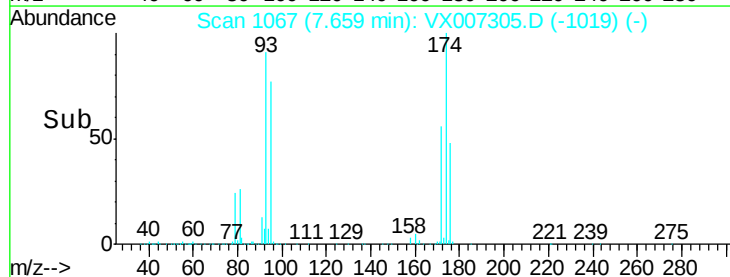
20000

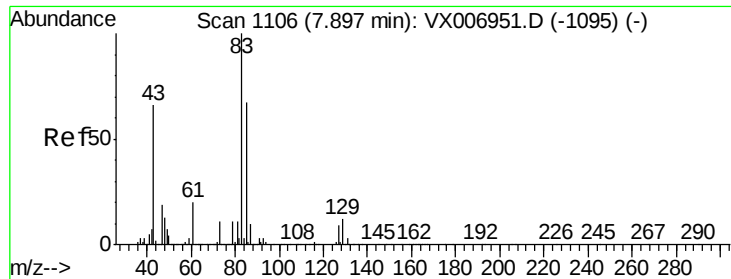
10000

0

7.60 7.70

Time-->





#47

Bromodichloromethane

Concen: 18.622 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

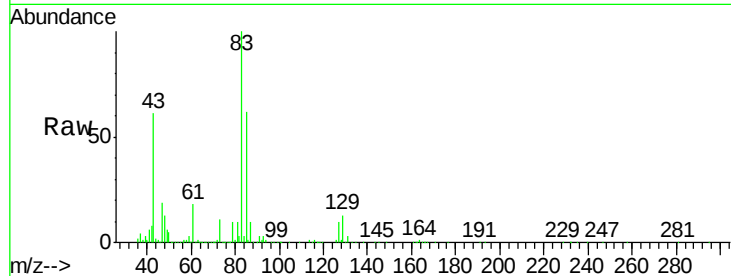
Tot Ion: 83 Resp: 114010

Ion Ratio Lower Upper

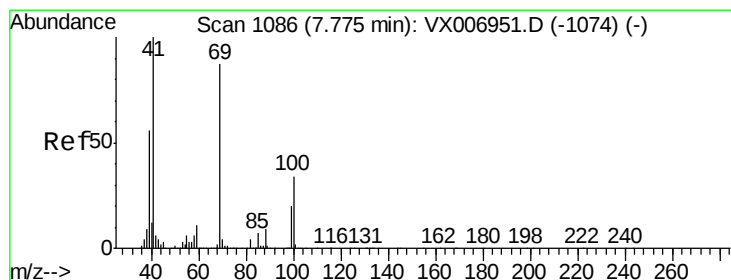
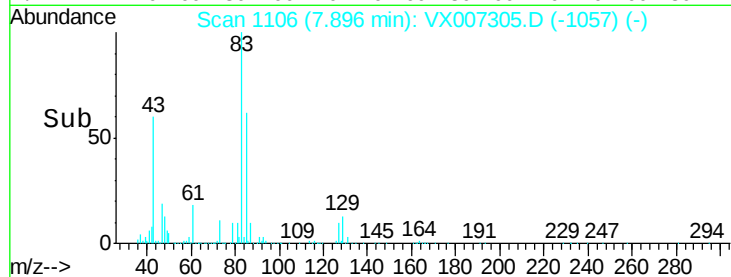
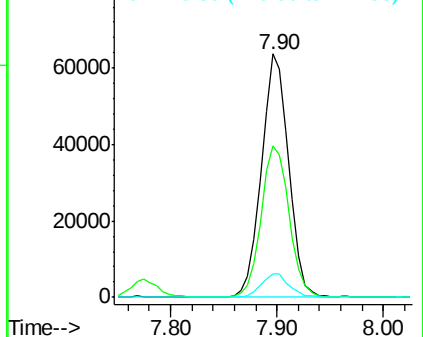
83 100

85 61.7 53.2 79.8

127 9.7 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.201 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

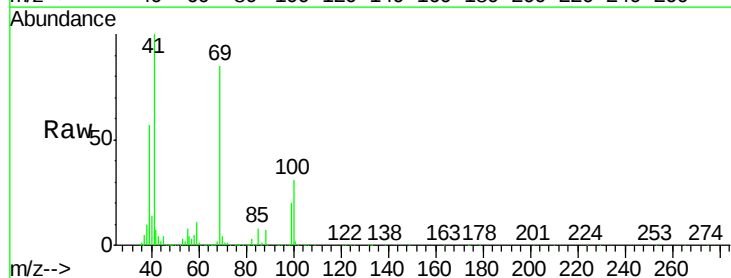
Tgt Ion: 41 Resp: 105453

Ion Ratio Lower Upper

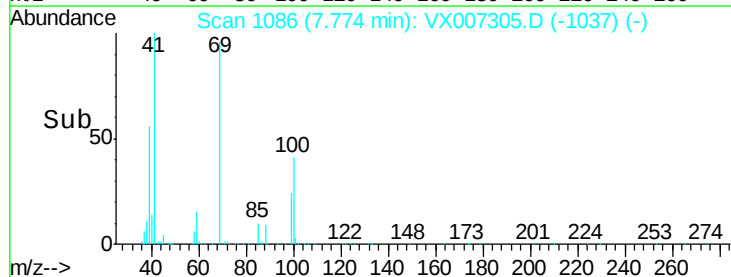
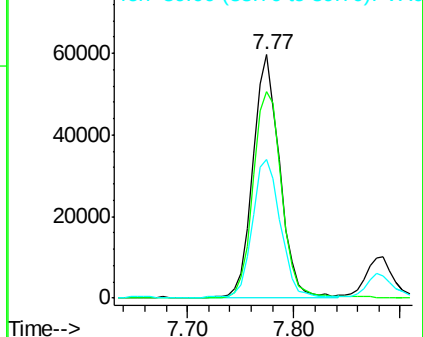
41 100

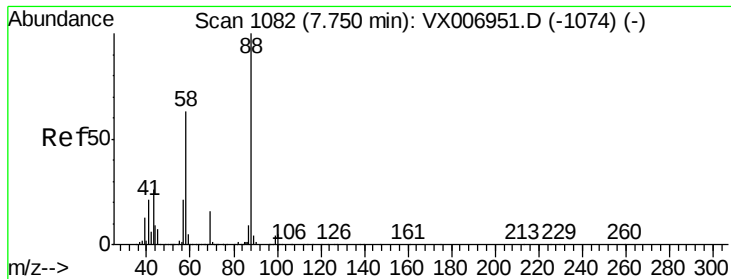
69 90.4 72.4 108.6

39 59.0 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 378.453 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

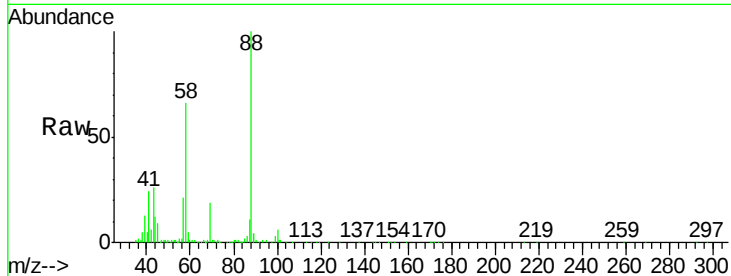
MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 88 Resp: 50780

Ion	Ratio	Lower	Upper
88	100		
43	29.1	22.2	33.4
58	63.3	51.0	76.4

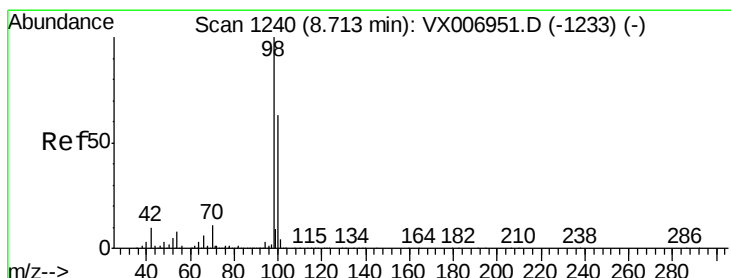
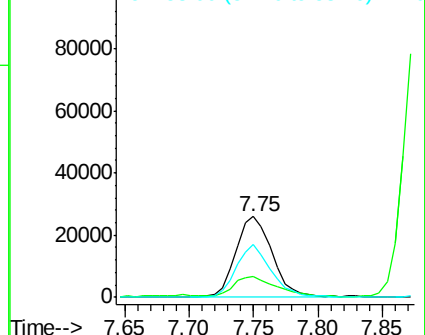
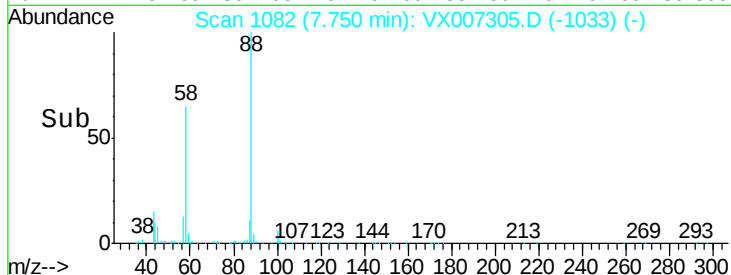


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 43.547 ug/l

RT: 8.71 min Scan# 1240

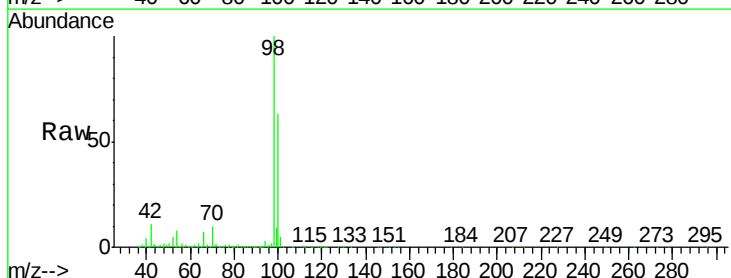
Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion: 98 Resp: 783296

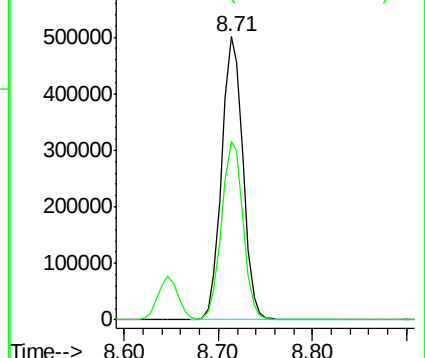
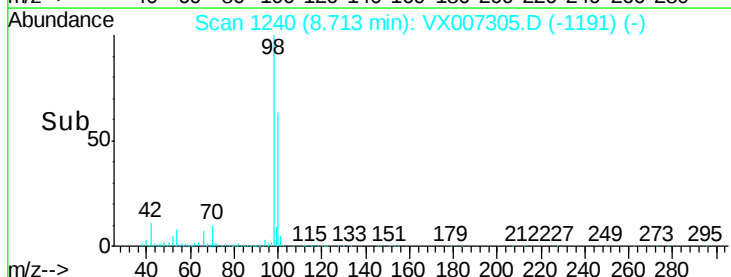
Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.0	78.0

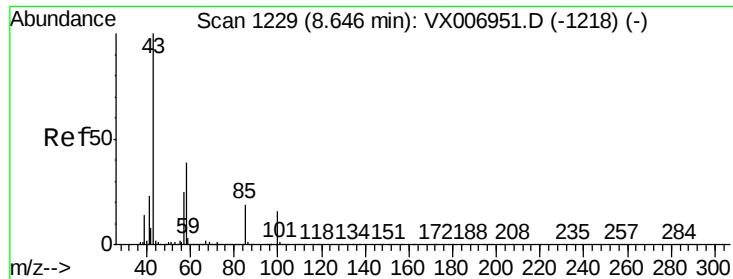


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 98.900 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

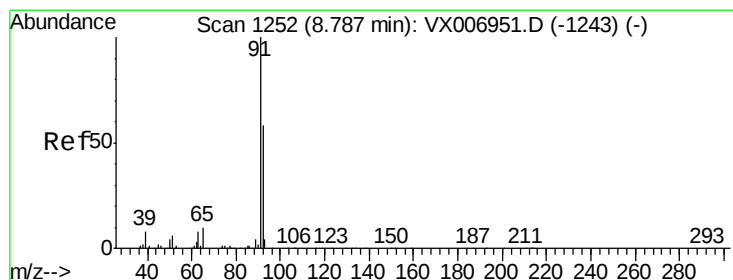
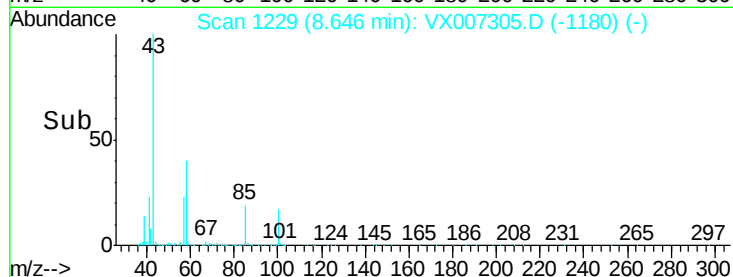
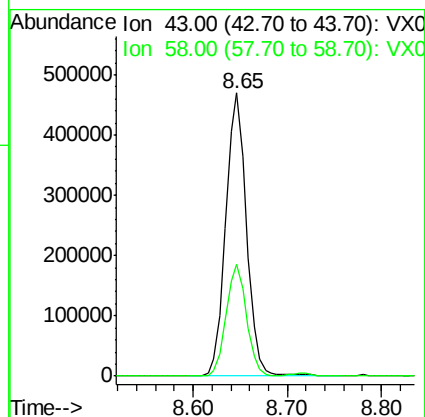
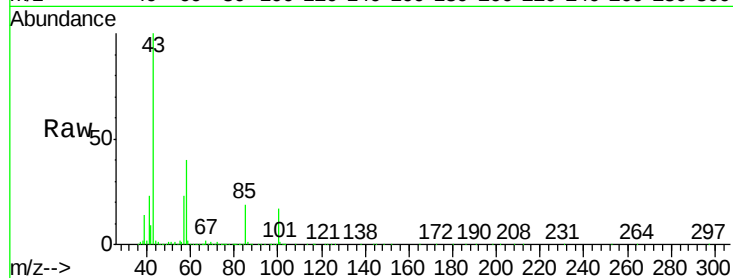
VX0130WBSD01

Tot Ion: 43 Resp: 717083

Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.6



#52

Toluene

Concen: 17.741 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007305.D

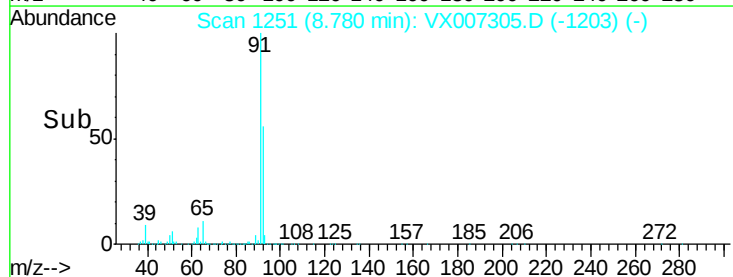
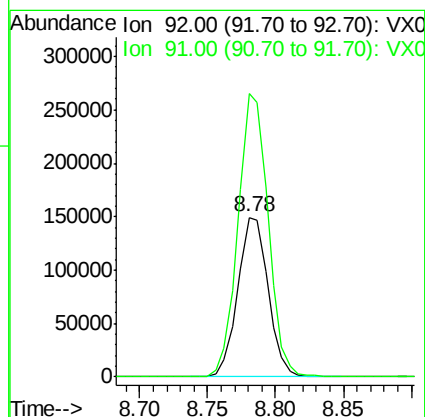
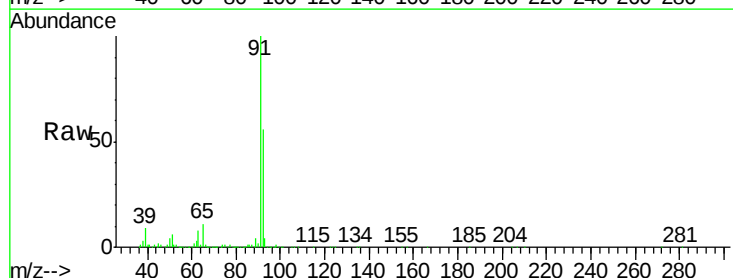
Acq: 30 Jan 2019 10:58

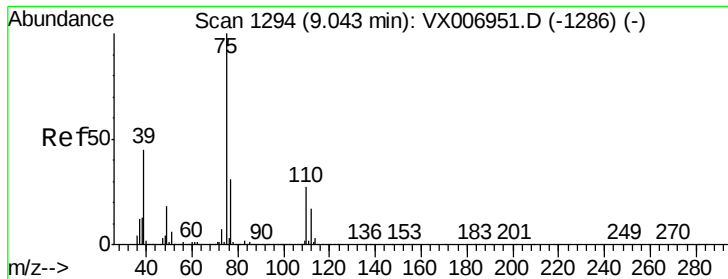
Tgt Ion: 92 Resp: 232125

Ion Ratio Lower Upper

92 100

91 177.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.082 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

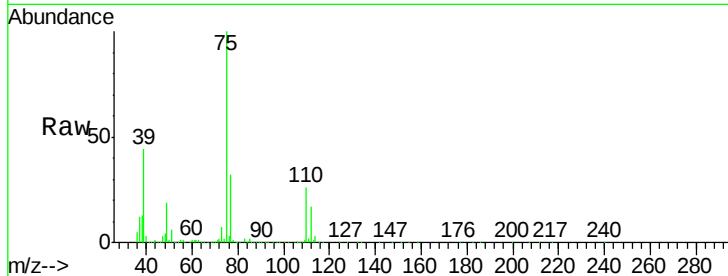
VX0130WBSD01

Tot Ion: 75 Resp: 122758

Ion Ratio Lower Upper

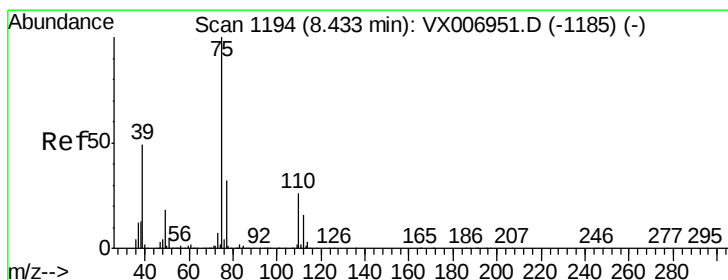
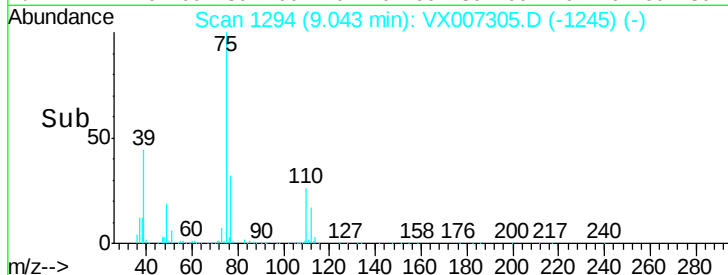
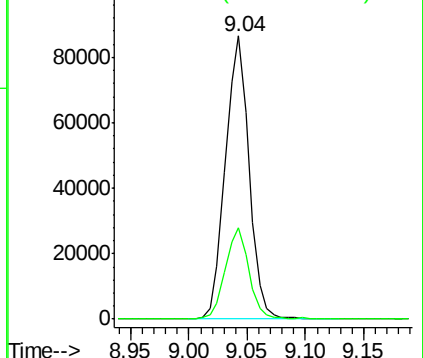
75 100

77 32.1 25.4 38.0



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: 18.401 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

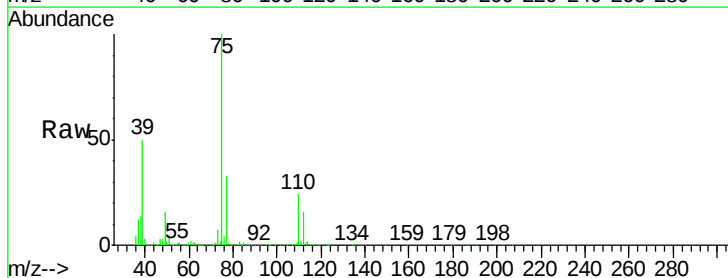
Tgt Ion: 75 Resp: 137953

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

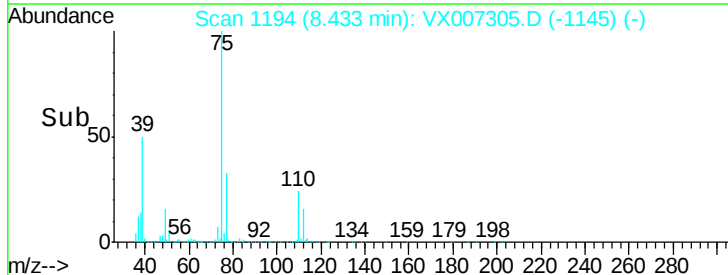
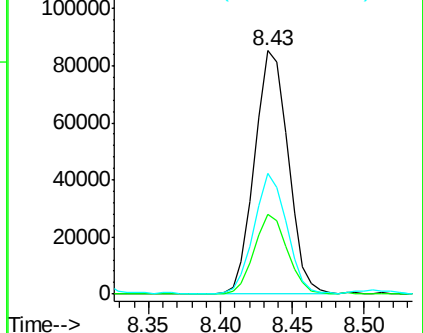
39 49.4 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.834 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

Tot Ion: 97 Resp: 103875

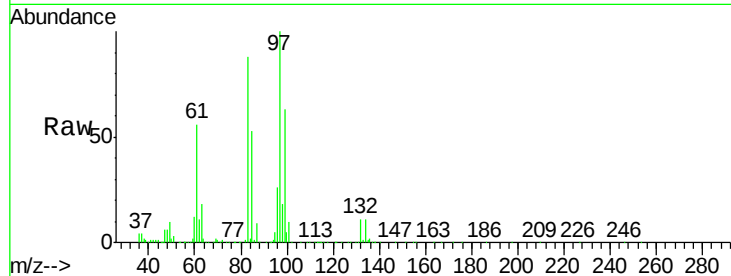
Ion Ratio Lower Upper

97 100

83 87.8 66.6 99.8

85 52.7 42.7 64.1

99 63.3 50.8 76.2

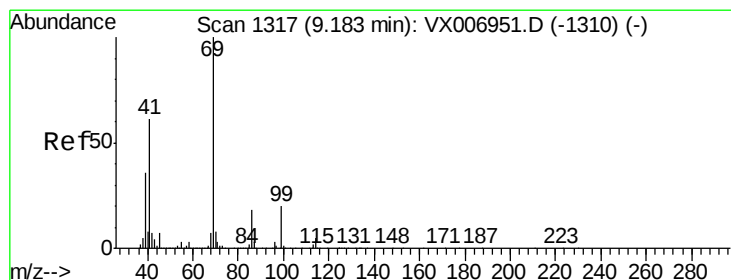
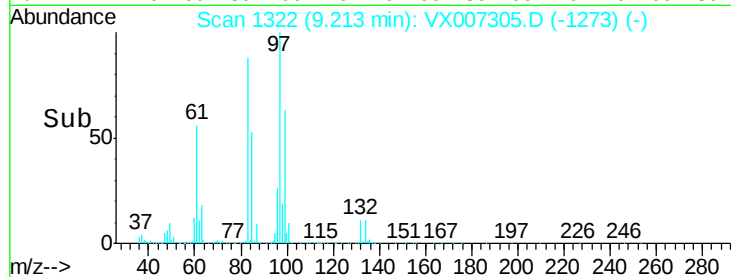
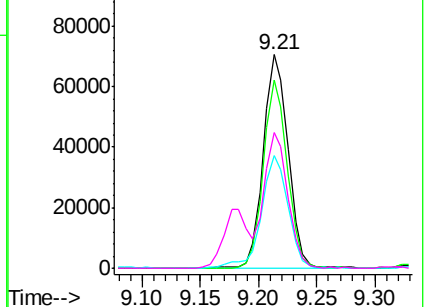


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.007 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

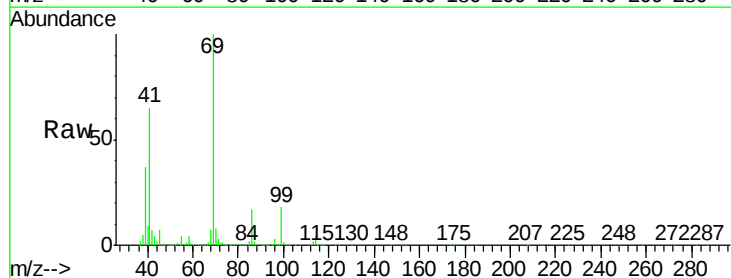
Tgt Ion: 69 Resp: 145315

Ion Ratio Lower Upper

69 100

41 65.1 48.7 73.1

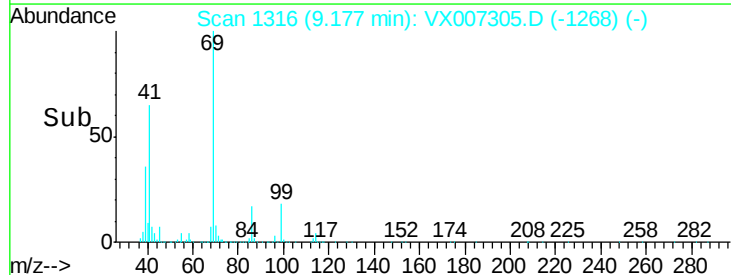
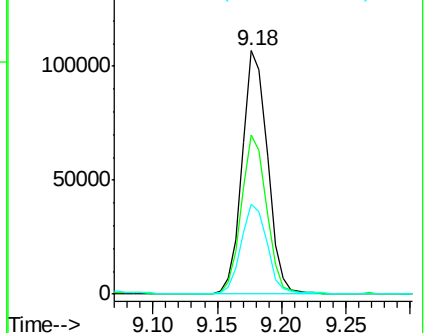
39 37.6 27.0 40.6

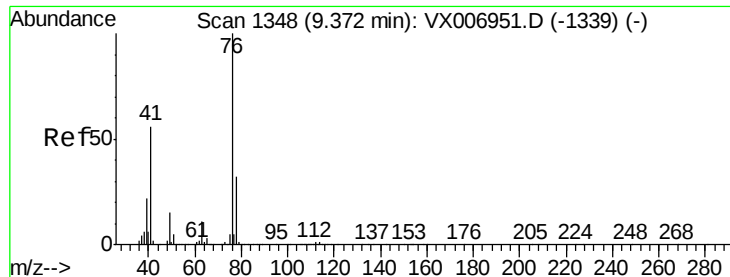


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.976 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

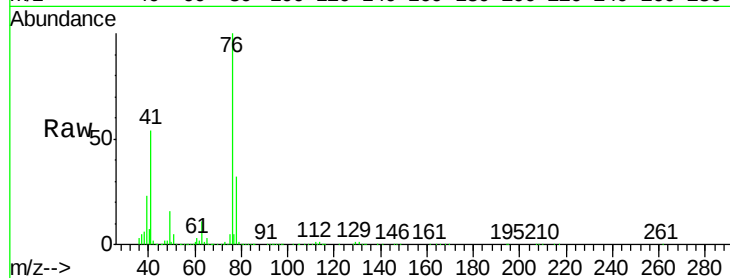
VX0130WBSD01

Tot Ion: 76 Resp: 162814

Ion Ratio Lower Upper

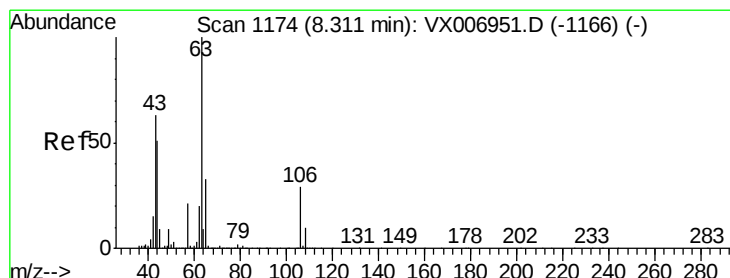
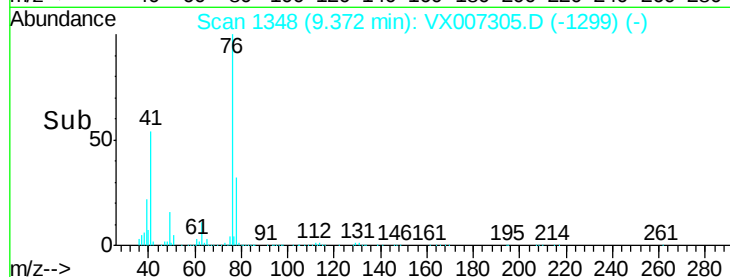
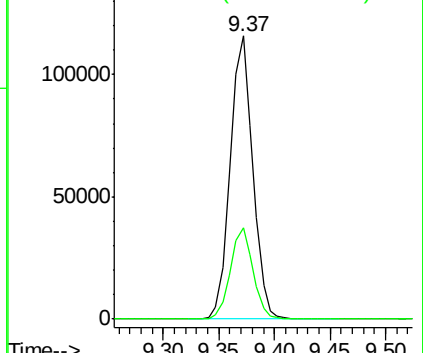
76 100

78 32.1 26.0 39.0



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: 89.025 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007305.D

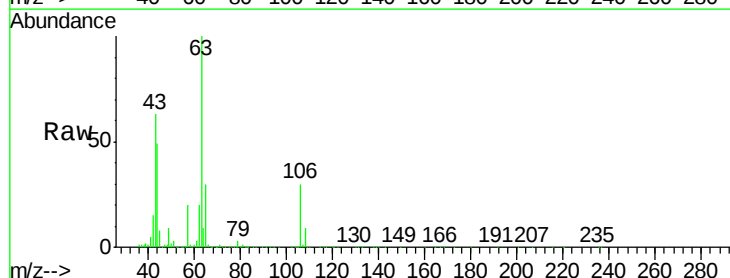
Acq: 30 Jan 2019 10:58

Tgt Ion: 63 Resp: 349958

Ion Ratio Lower Upper

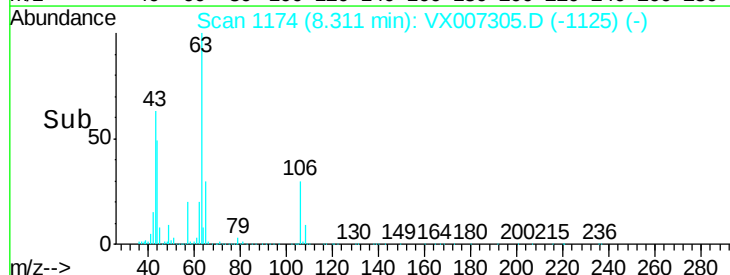
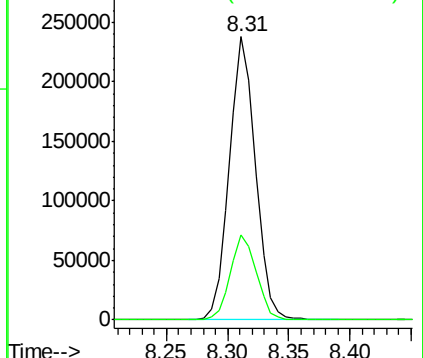
63 100

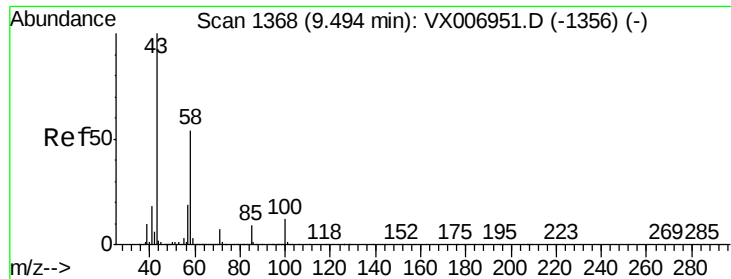
106 30.2 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

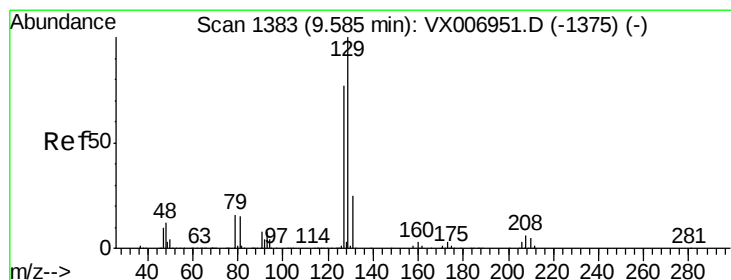
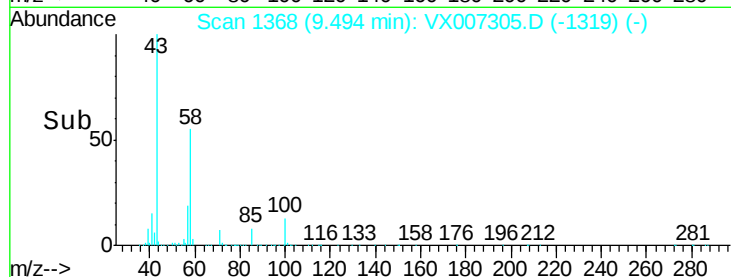
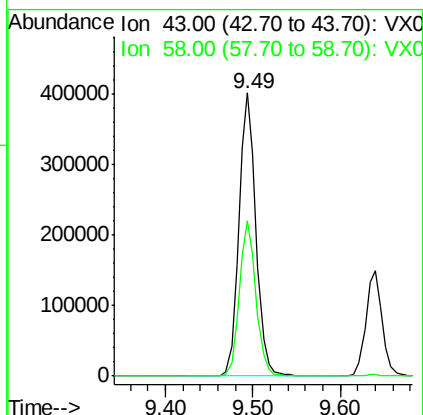
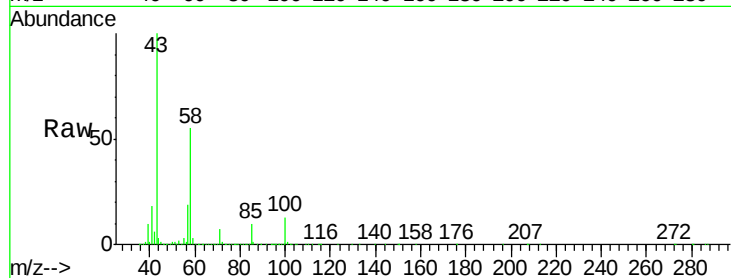




#59
2-Hexanone
Concen: 98.776 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

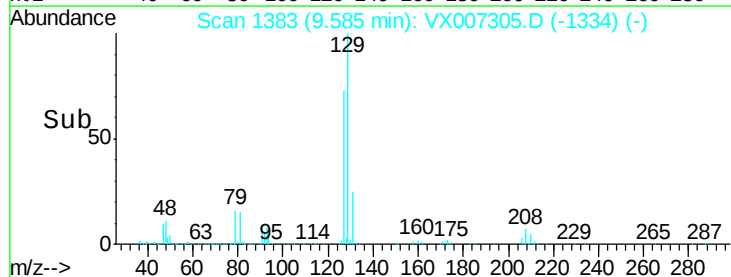
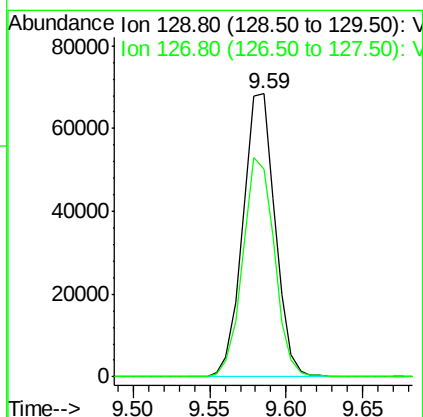
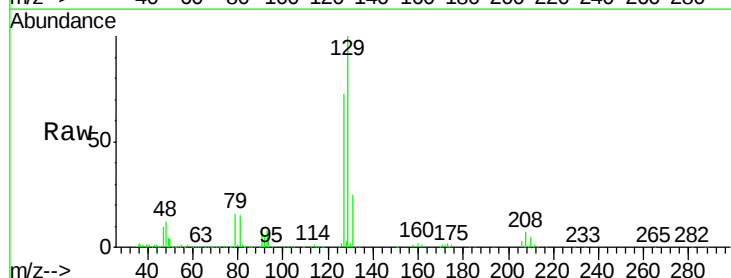
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

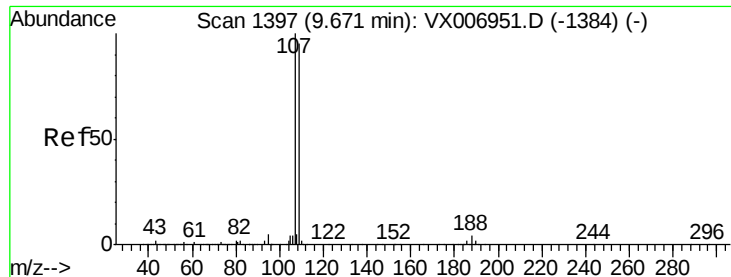
Tot Ion: 43 Resp: 545775
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1



#60
Dibromochloromethane
Concen: 19.689 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion: 129 Resp: 100124
Ion Ratio Lower Upper
129 100
127 76.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 18.728 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

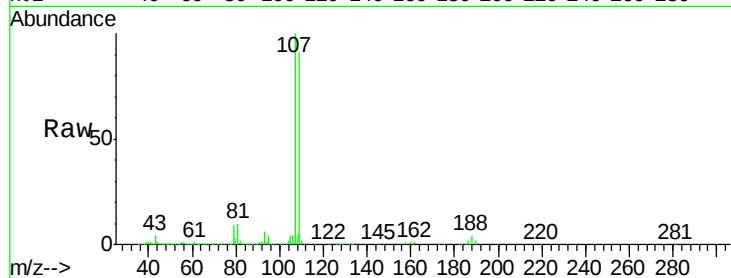
VX0130WBSD01

Tot Ion:107 Resp: 107977

Ion Ratio Lower Upper

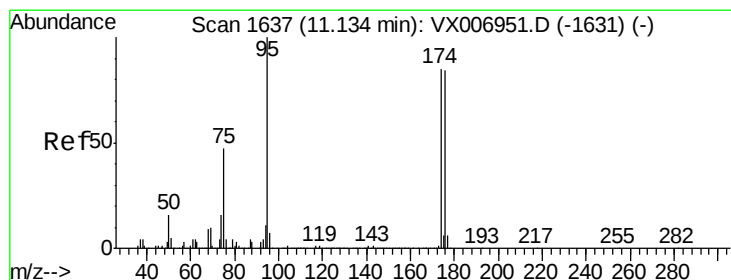
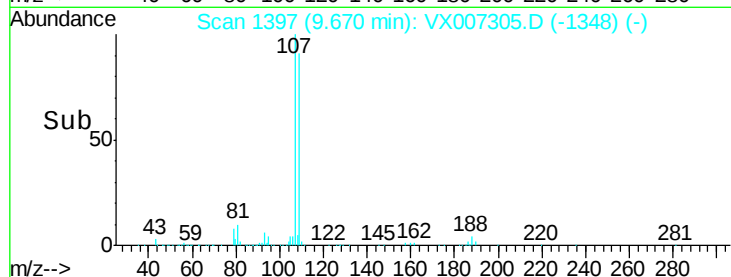
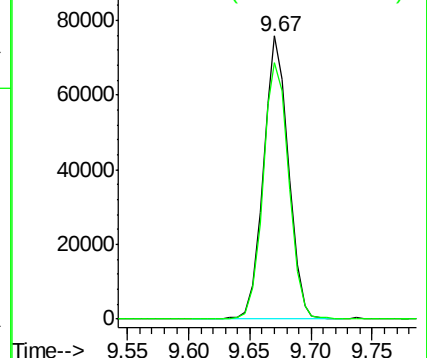
107 100

109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.616 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

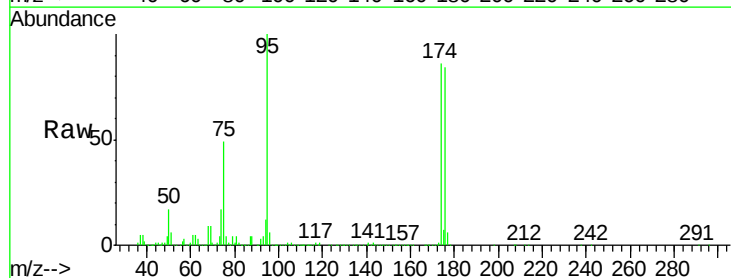
Tgt Ion: 95 Resp: 286050

Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

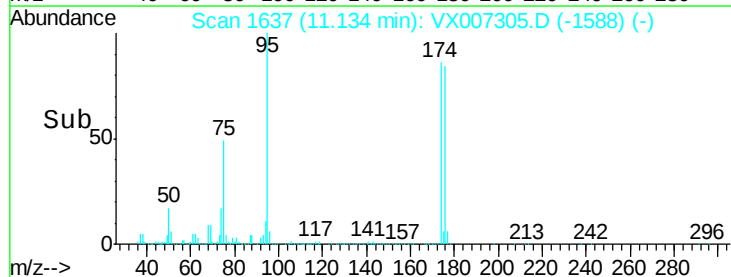
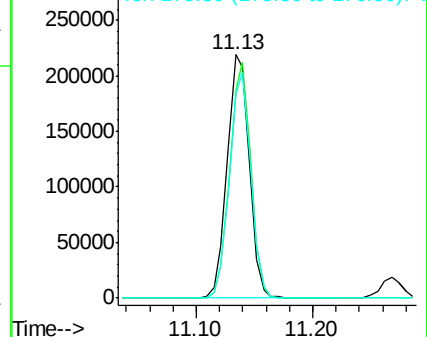
176 89.8 0.0 178.8

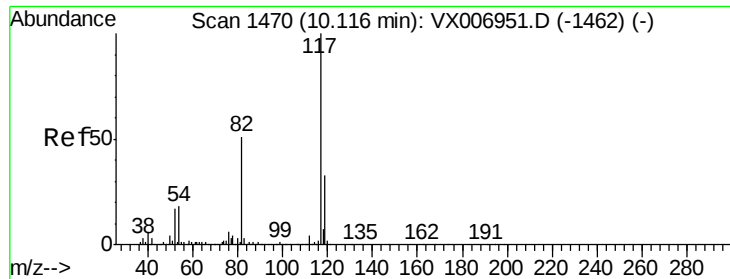


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

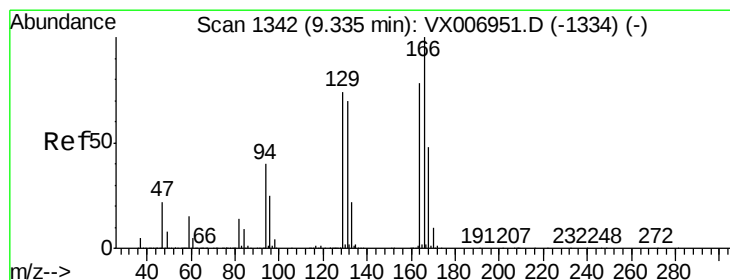
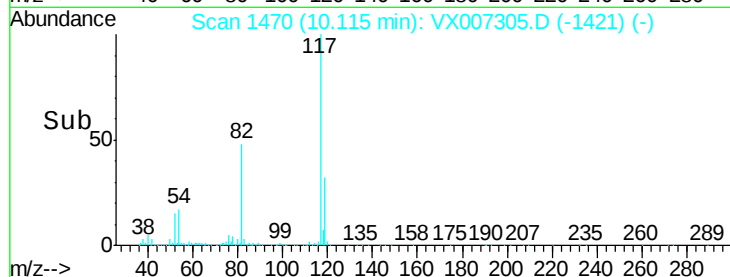
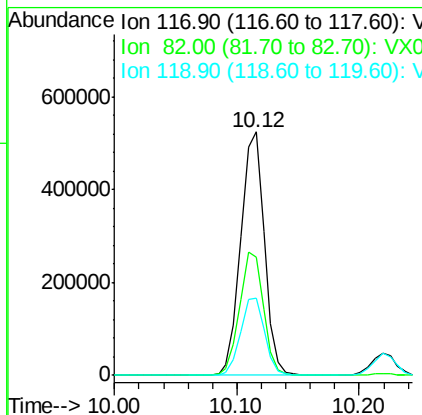
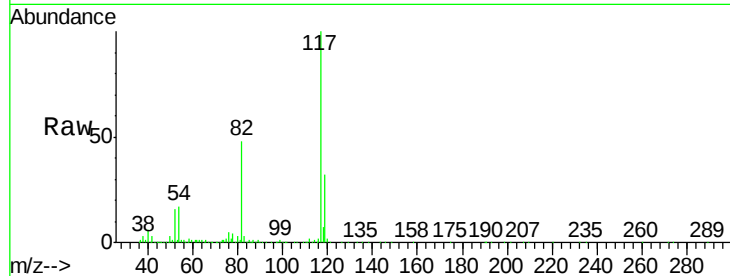




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

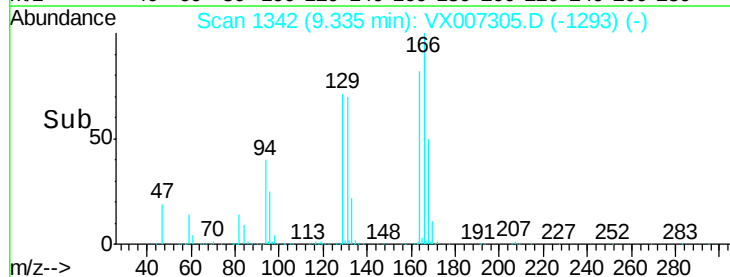
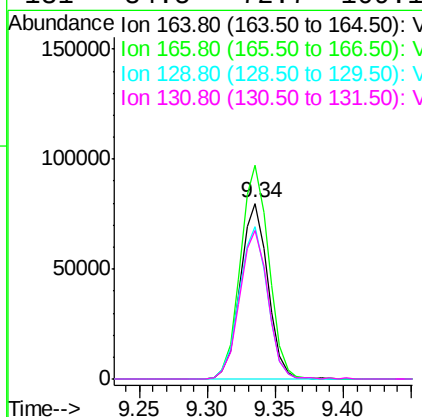
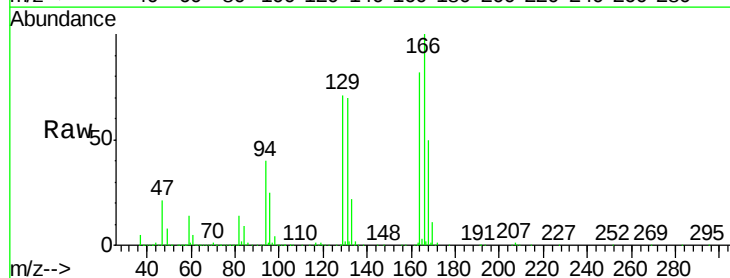
Instrument :
MSVOA_X
ClientSampled :
VX0130WBSD01

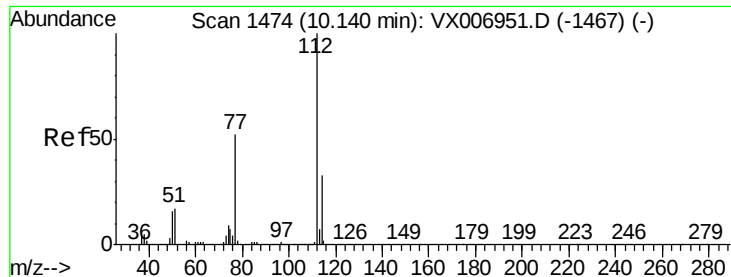
Tot Ion:117 Resp: 700489
Ion Ratio Lower Upper
117 100
82 48.3 41.0 61.6
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 18.684 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion:164 Resp: 113312
Ion Ratio Lower Upper
164 100
166 121.4 102.5 153.7
129 86.5 75.1 112.7
131 84.5 72.7 109.1





#65

Chlorobenzene

Concen: 18.000 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

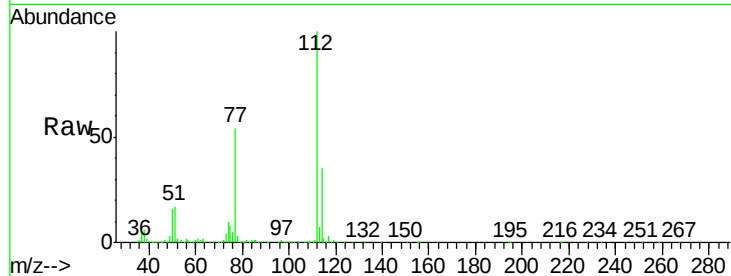
VX0130WBSD01

Tot Ion:112 Resp: 275001

Ion Ratio Lower Upper

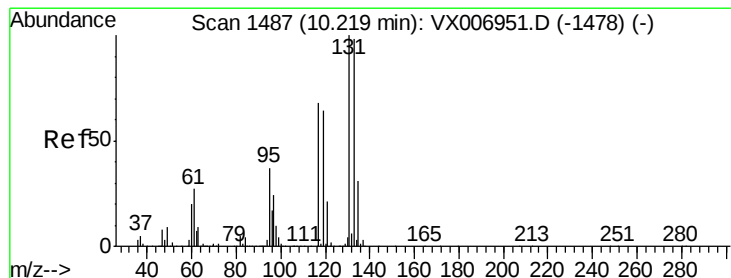
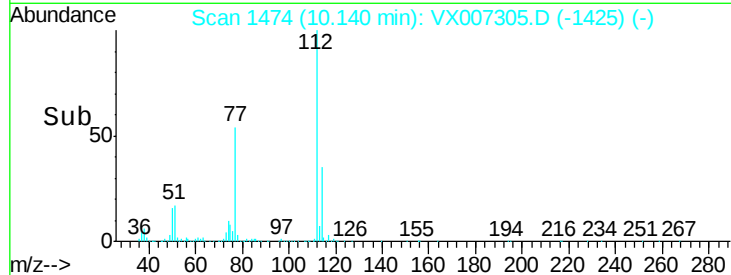
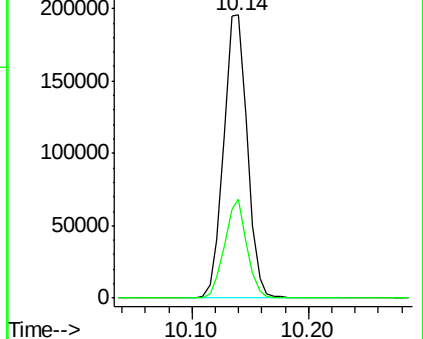
112 100

114 34.9 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.800 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

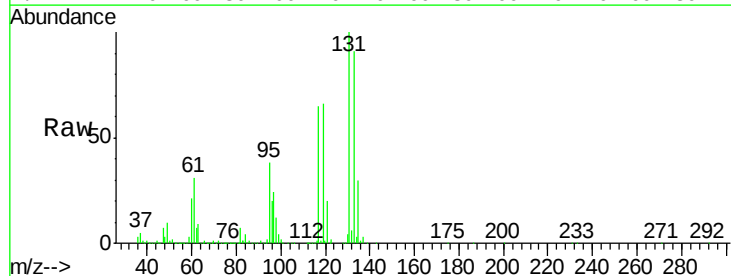
Tgt Ion:131 Resp: 96621

Ion Ratio Lower Upper

131 100

133 98.0 48.0 144.2

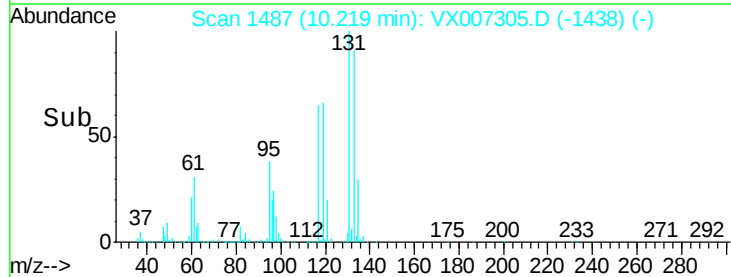
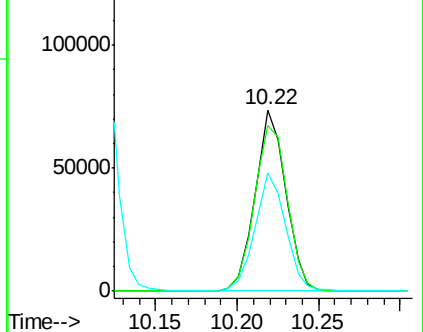
119 65.6 32.6 97.8

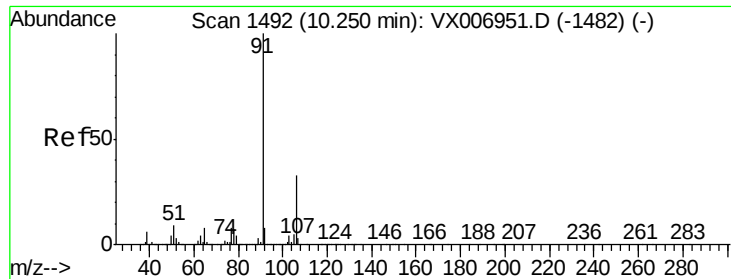


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.819 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

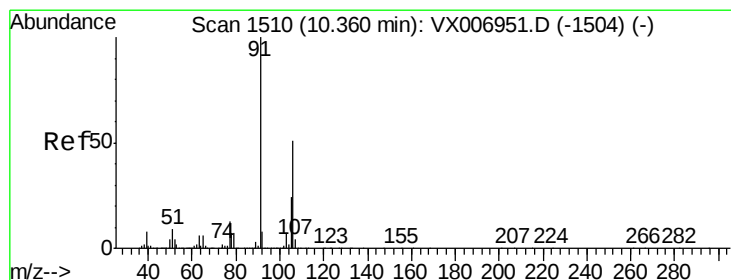
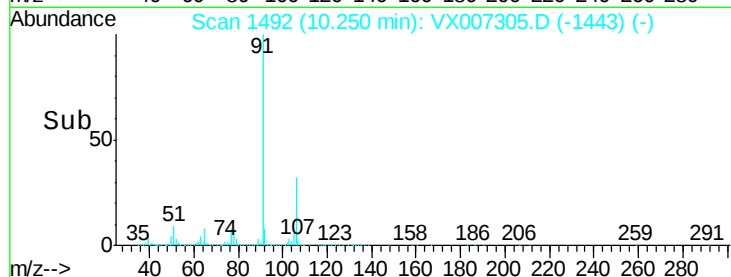
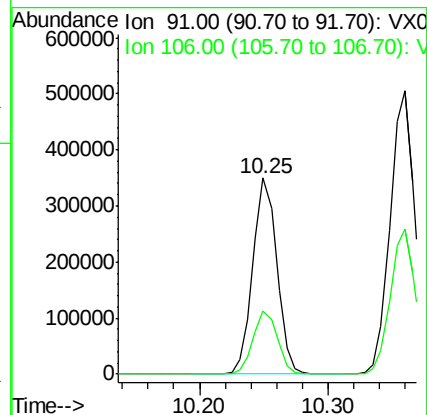
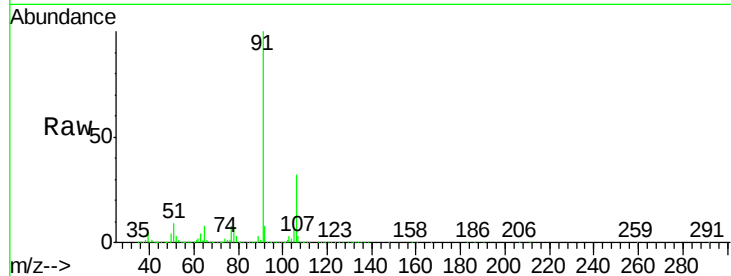
VX0130WBSD01

Tot Ion: 91 Resp: 449437

Ion Ratio Lower Upper

91 100

106 32.0 26.4 39.6



#68

m/p-Xylenes

Concen: 35.220 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007305.D

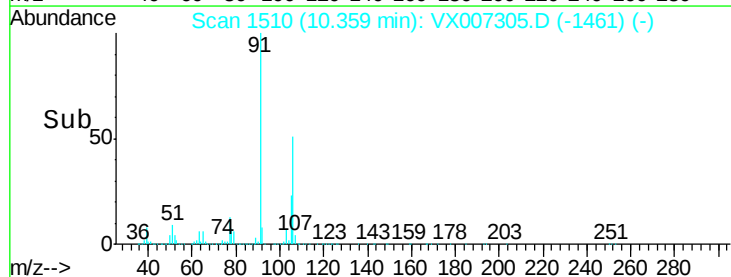
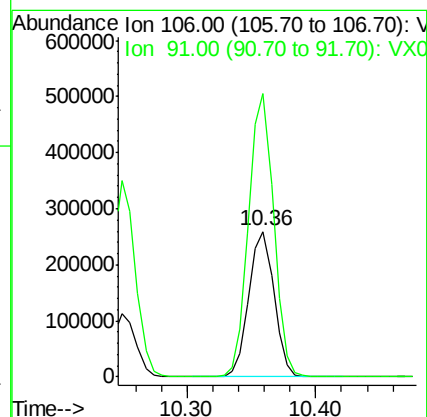
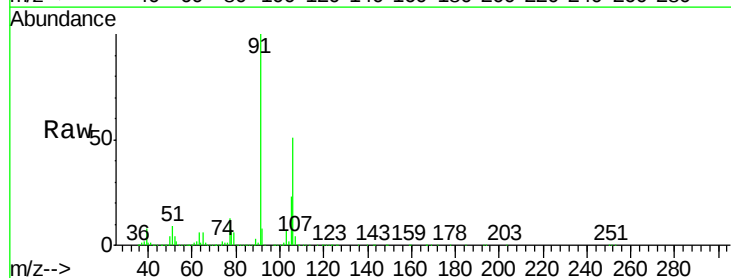
Acq: 30 Jan 2019 10:58

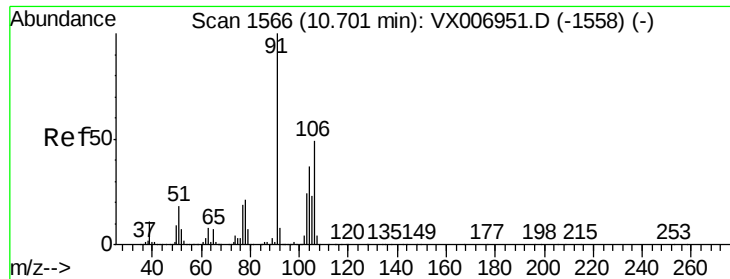
Tgt Ion: 106 Resp: 349990

Ion Ratio Lower Upper

106 100

91 194.1 155.8 233.6





#69

o-Xylene

Concen: 18.082 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

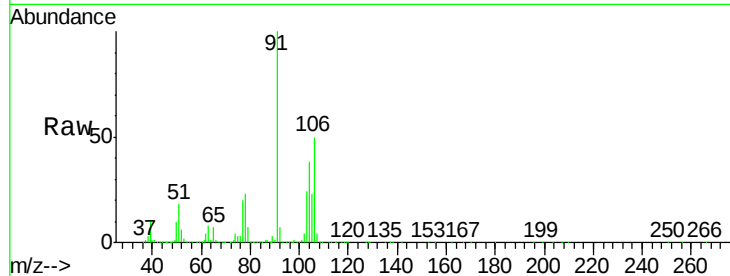
VX0130WBSD01

Tot Ion:106 Resp: 175235

Ion Ratio Lower Upper

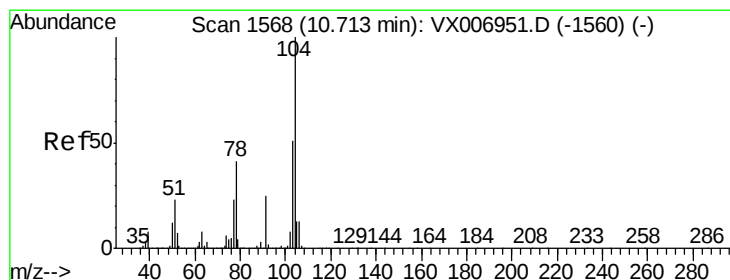
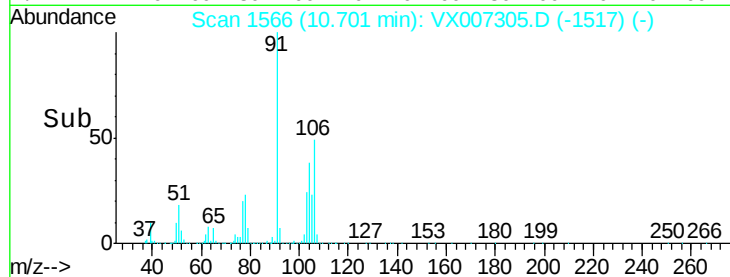
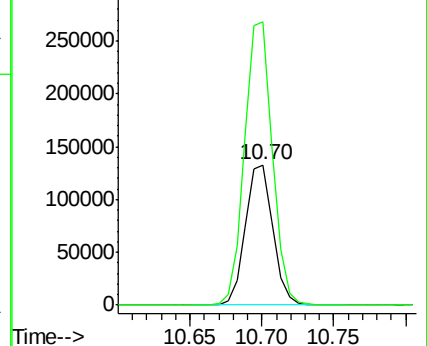
106 100

91 204.4 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 18.307 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

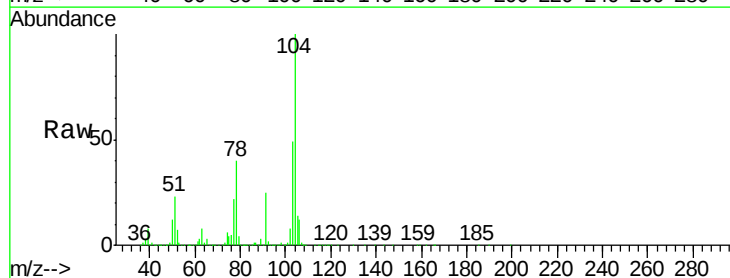
Tgt Ion:104 Resp: 280985

Ion Ratio Lower Upper

104 100

78 47.7 37.7 56.5

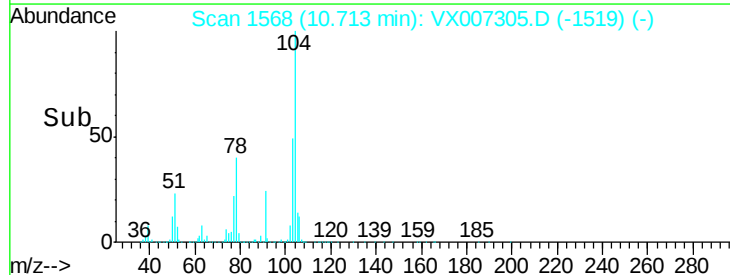
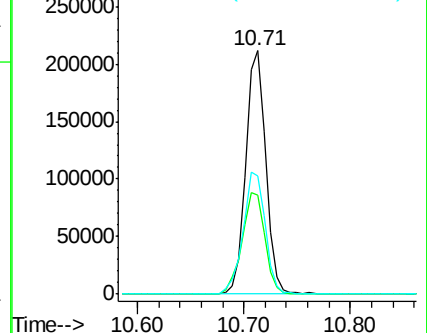
103 55.5 43.8 65.8

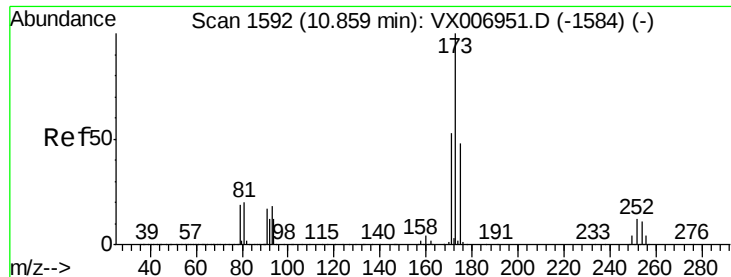


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.100 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampled :

VX0130WBSD01

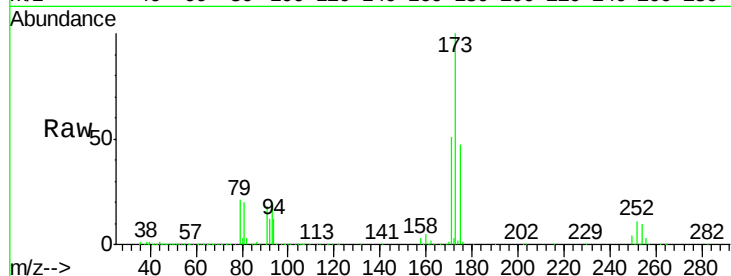
Tot Ion:173 Resp: 72986

Ion Ratio Lower Upper

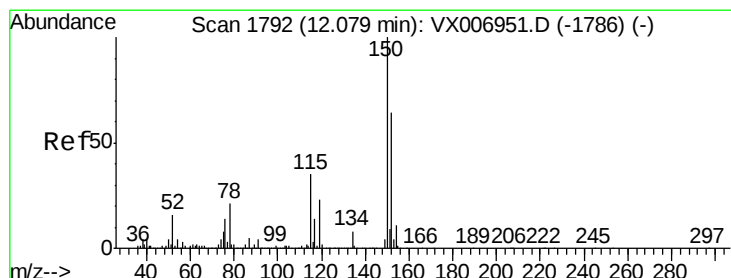
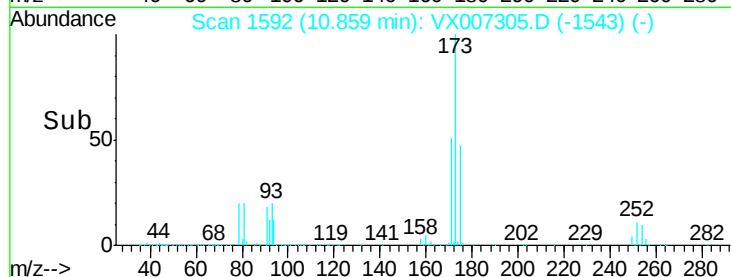
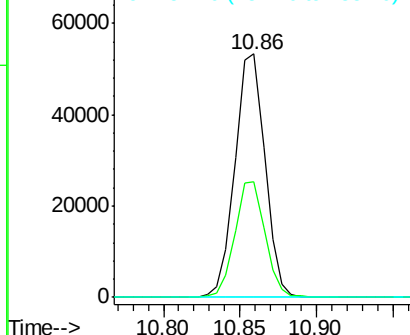
173 100

175 47.7 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

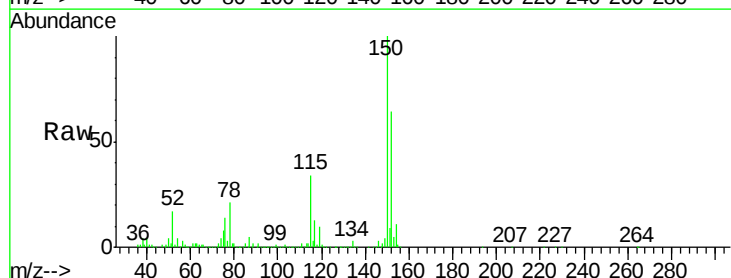
Tgt Ion:152 Resp: 360400

Ion Ratio Lower Upper

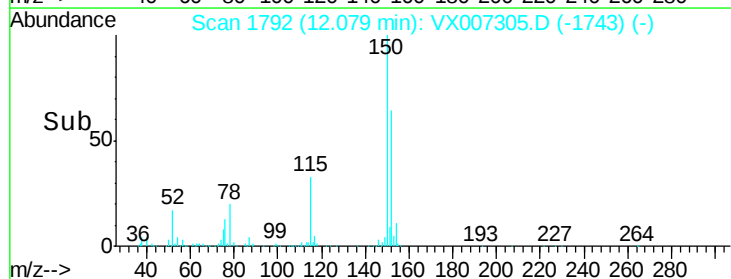
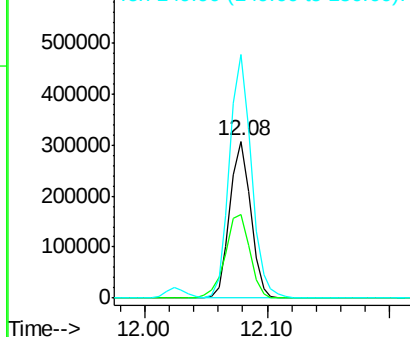
152 100

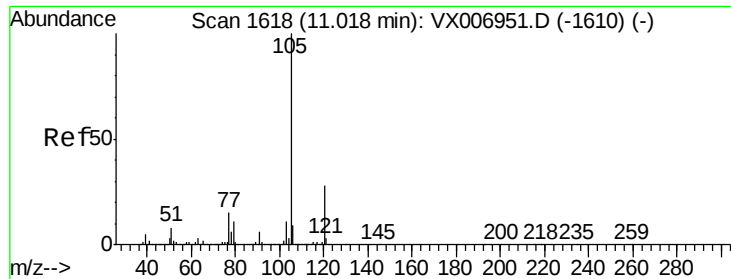
115 62.5 39.1 117.2

150 162.8 0.0 344.8



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: 18.311 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

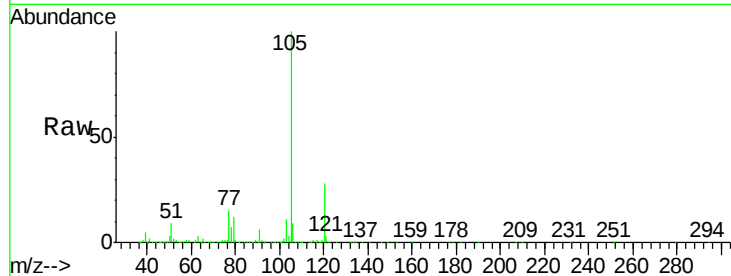
VX0130WBSD01

Tot Ion:105 Resp: 465330

Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

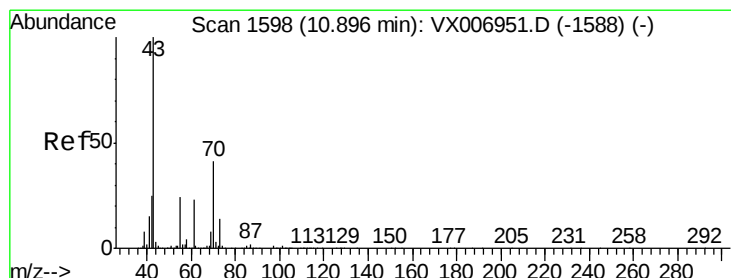
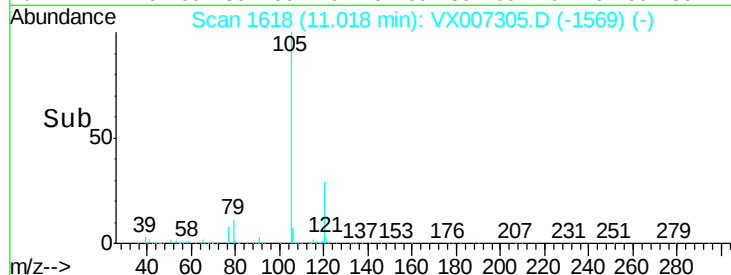
300000

200000

100000

0

Time--> 10.95 11.00 11.05 11.10



#74

N-ethyl acetate

Concen: 18.131 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Tgt Ion: 43 Resp: 185514

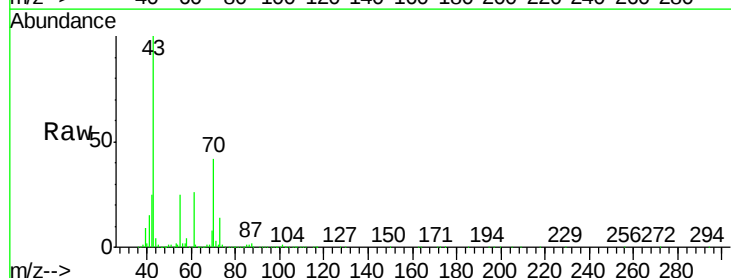
Ion Ratio Lower Upper

43 100

70 43.7 35.8 53.8

55 25.0 19.4 29.0

61 24.9 20.1 30.1



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

200000

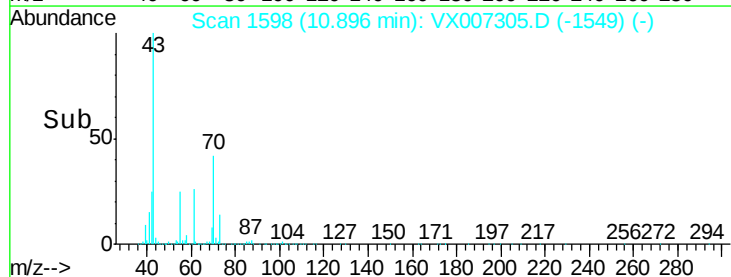
150000

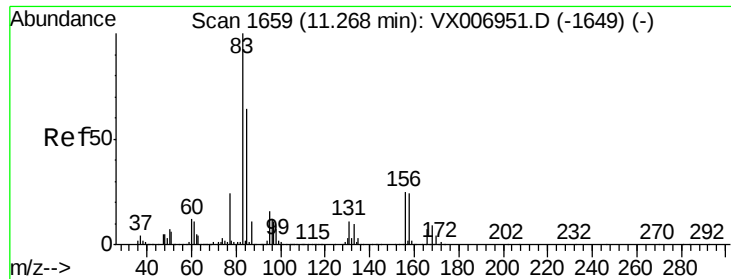
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 18.848 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

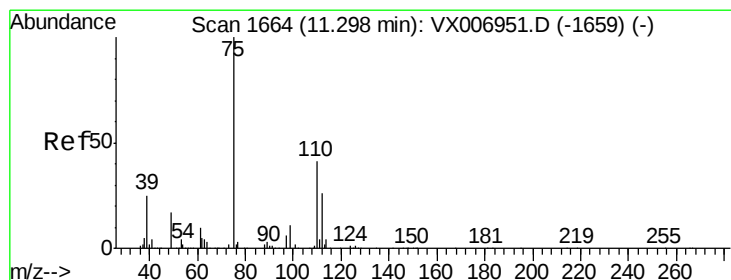
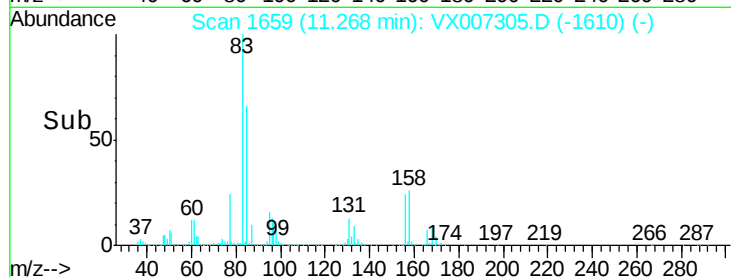
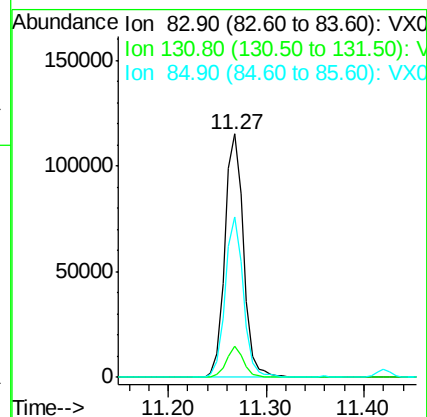
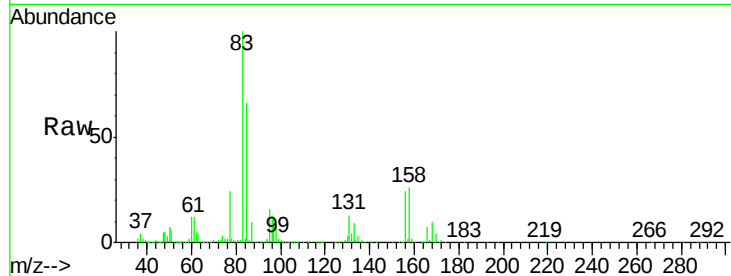
Tot Ion: 83 Resp: 152065

Ion Ratio Lower Upper

83 100

131 11.7 5.7 17.1

85 64.2 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 22.599 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007305.D

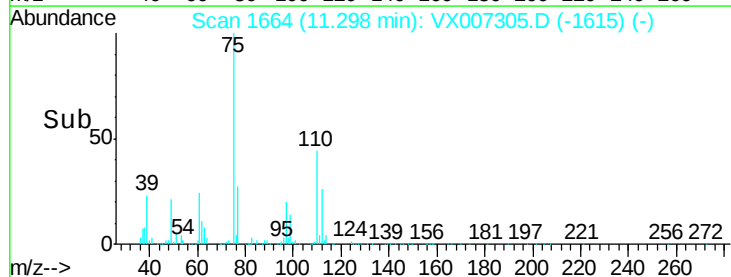
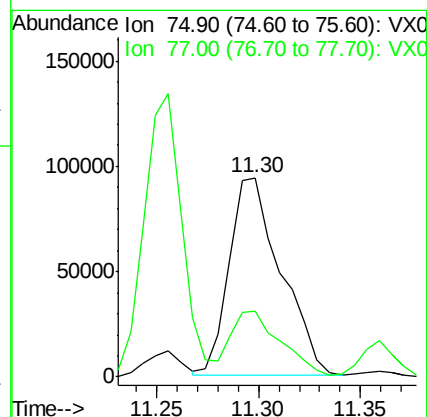
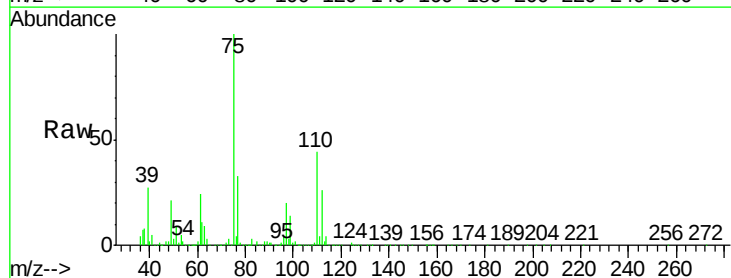
Acq: 30 Jan 2019 10:58

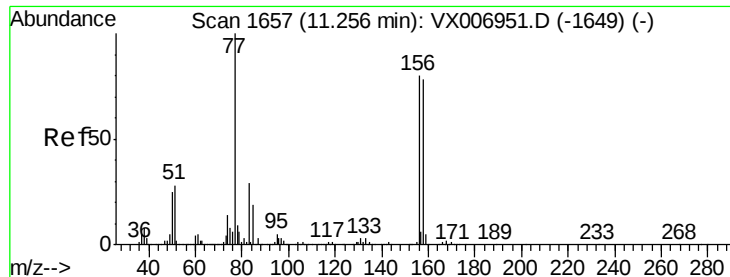
Tgt Ion: 75 Resp: 165048

Ion Ratio Lower Upper

75 100

77 31.7 18.5 55.5





#77

Bromobenzene

Concen: 18.043 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

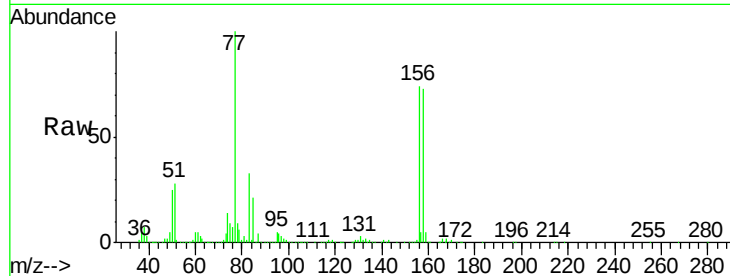
Tot Ion:156 Resp: 126340

Ion Ratio Lower Upper

156 100

77 137.4 68.0 204.0

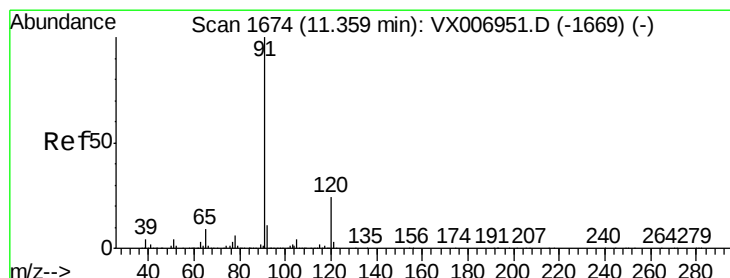
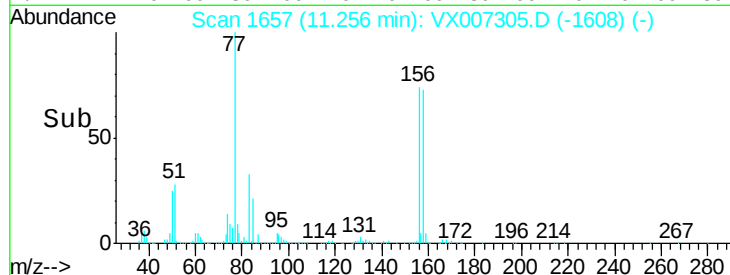
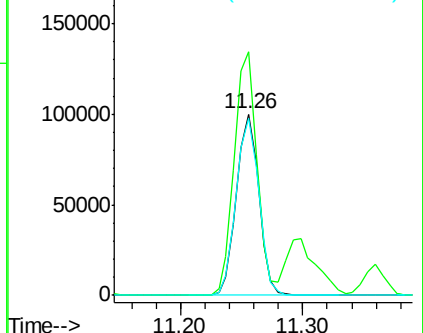
158 99.4 48.3 144.8



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: 18.283 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007305.D

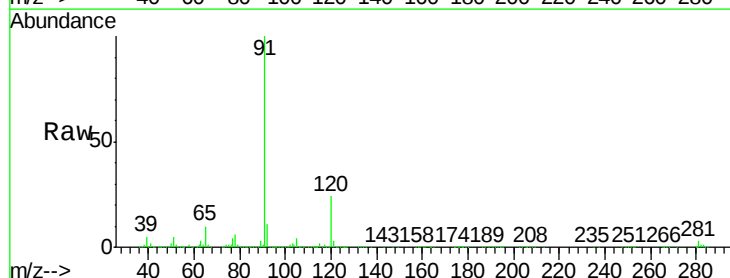
Acq: 30 Jan 2019 10:58

Tgt Ion: 91 Resp: 510072

Ion Ratio Lower Upper

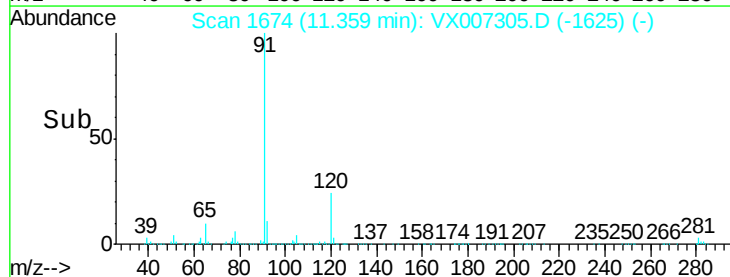
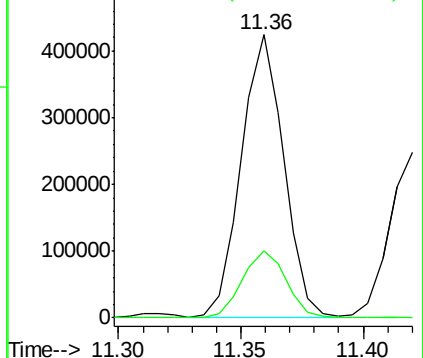
91 100

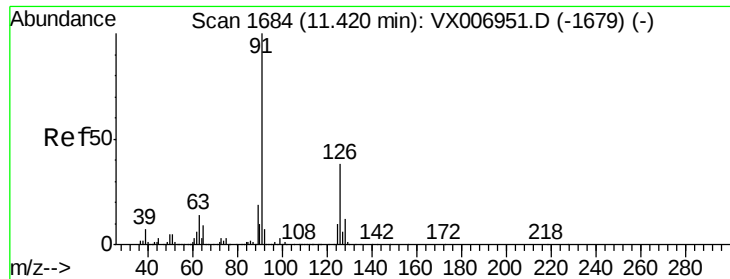
120 24.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.245 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

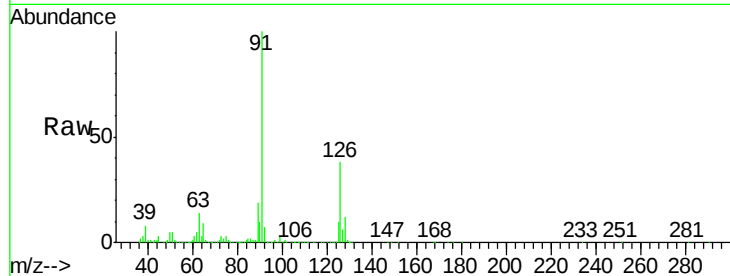
VX0130WBSD01

Tot Ion: 91 Resp: 306396

Ion Ratio Lower Upper

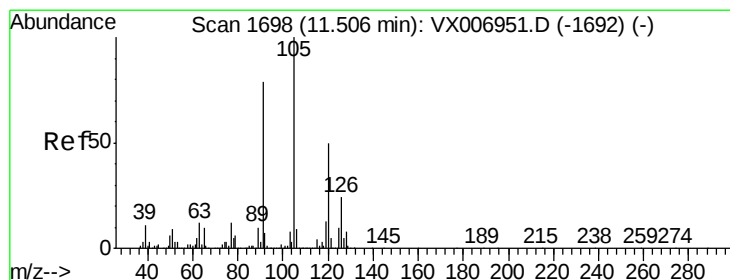
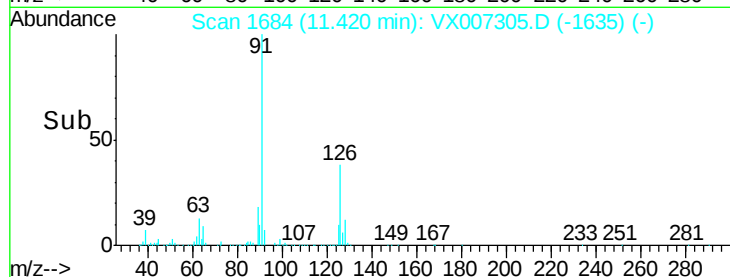
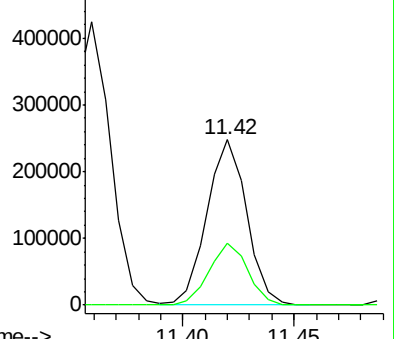
91 100

126 37.3 18.6 56.0



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: 17.810 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007305.D

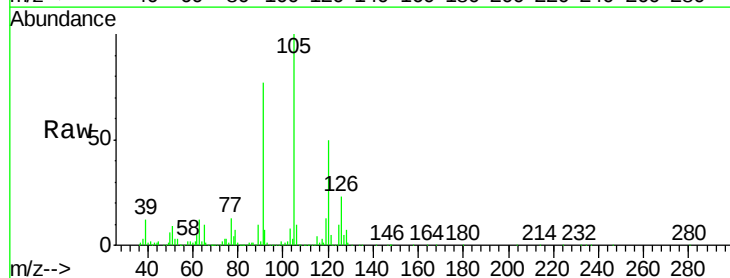
Acq: 30 Jan 2019 10:58

Tgt Ion:105 Resp: 378188

Ion Ratio Lower Upper

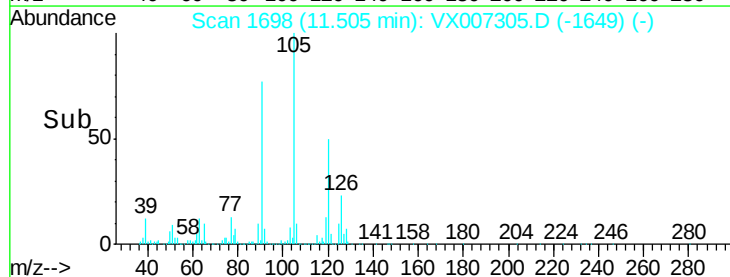
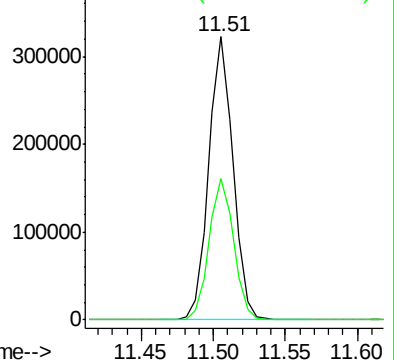
105 100

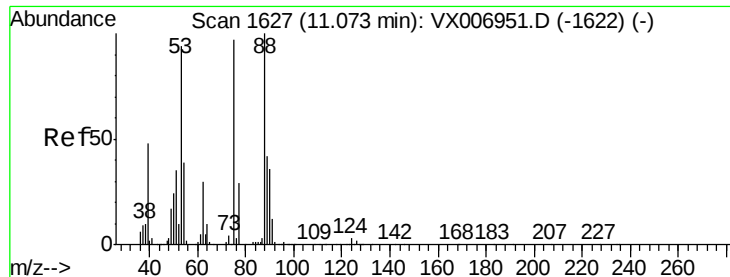
120 50.6 25.1 75.3



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: 18.020 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

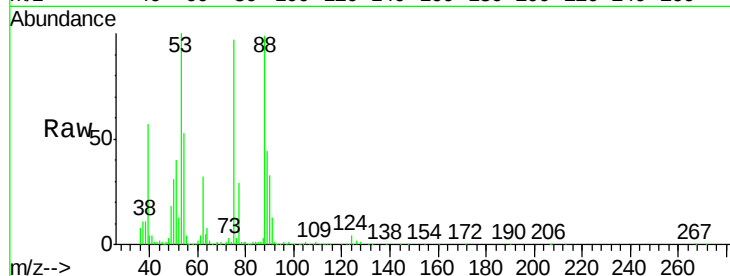
Tot Ion: 75 Resp: 37275

Ion Ratio Lower Upper

75 100

53 108.7 79.7 119.5

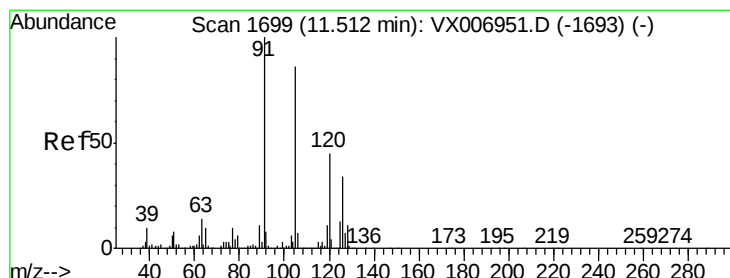
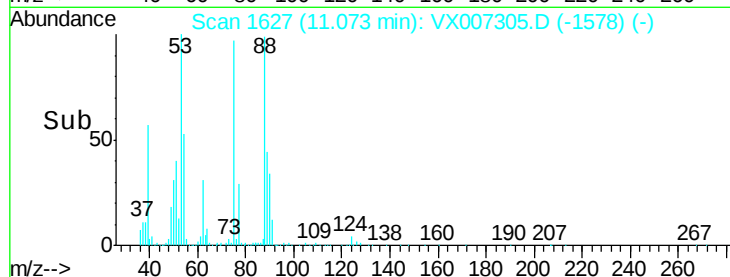
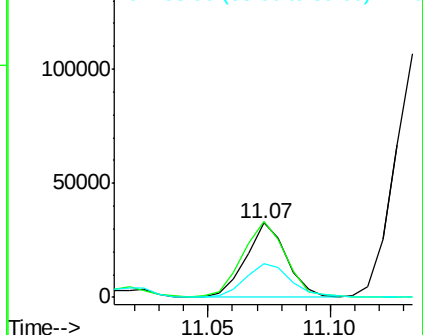
89 53.3 38.0 57.0



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: 18.053 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007305.D

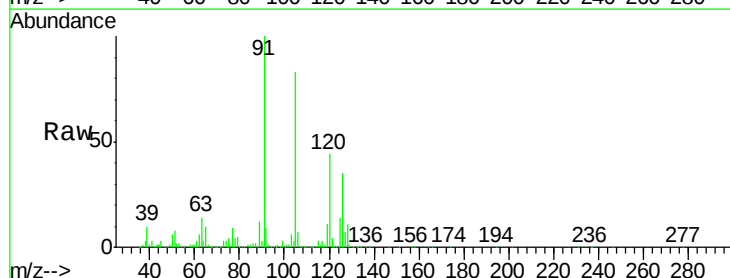
Acq: 30 Jan 2019 10:58

Tgt Ion: 91 Resp: 351027

Ion Ratio Lower Upper

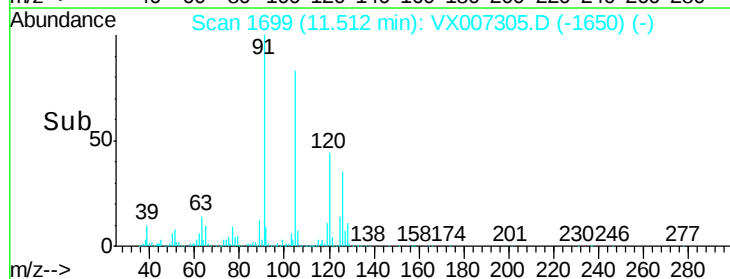
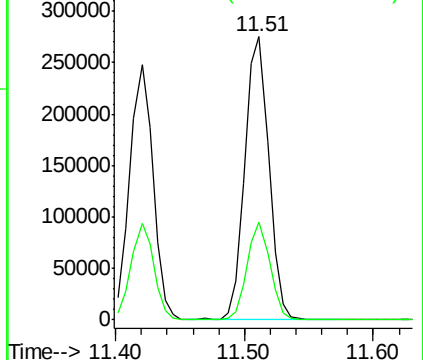
91 100

126 33.2 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.363 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

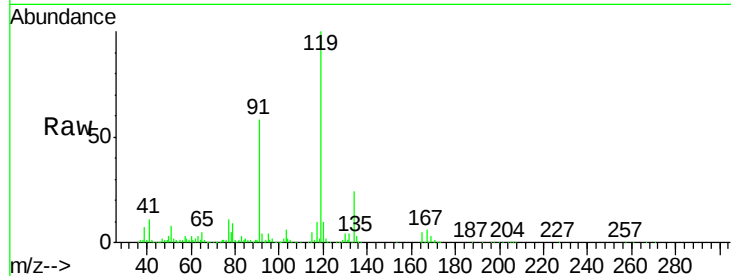
Tot Ion:119 Resp: 389049

Ion Ratio Lower Upper

119 100

91 54.9 27.7 83.1

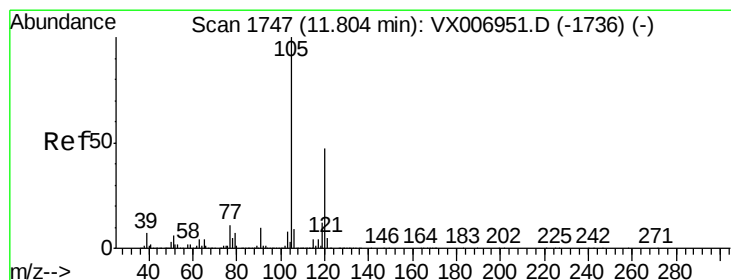
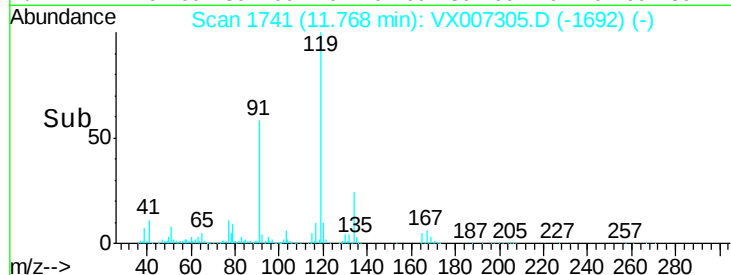
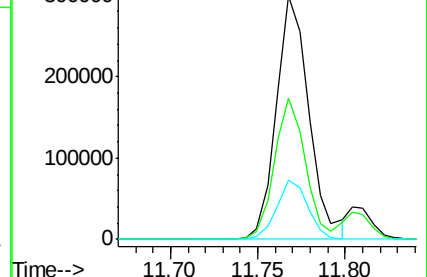
134 23.4 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.148 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007305.D

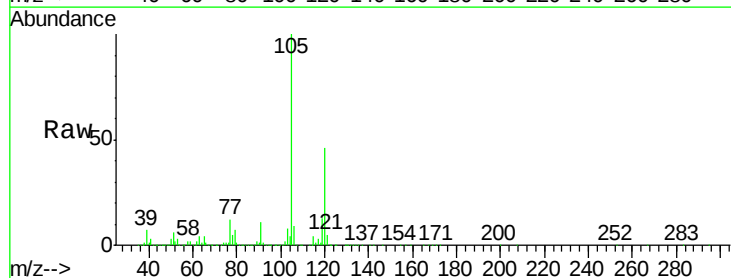
Acq: 30 Jan 2019 10:58

Tgt Ion:105 Resp: 387522

Ion Ratio Lower Upper

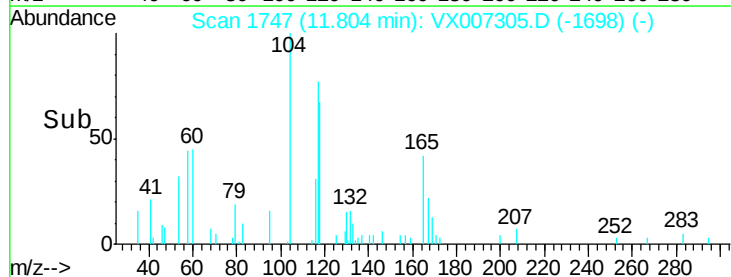
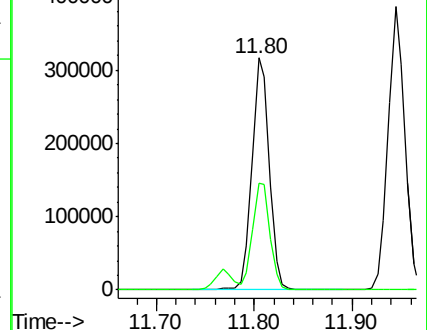
105 100

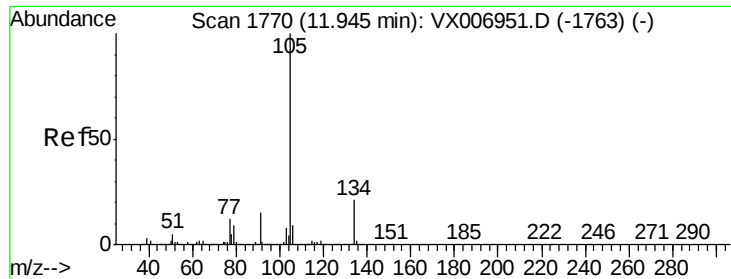
120 46.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.216 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

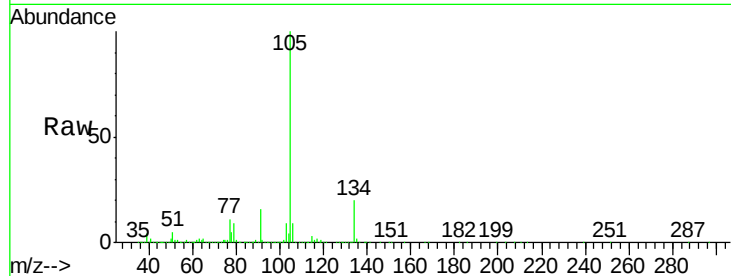
VX0130WBSD01

Tot Ion:105 Resp: 460910

Ion Ratio Lower Upper

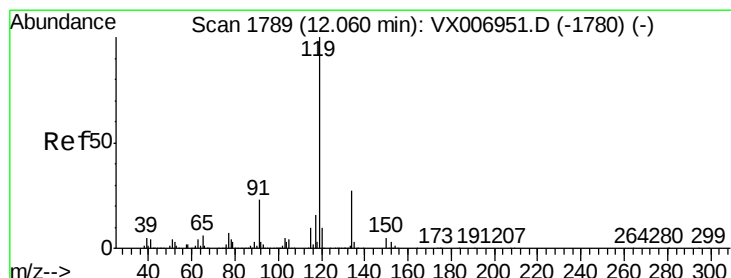
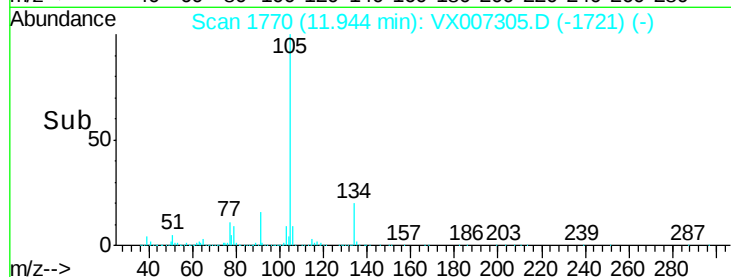
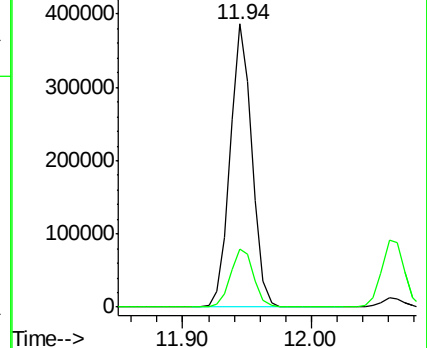
105 100

134 21.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.193 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

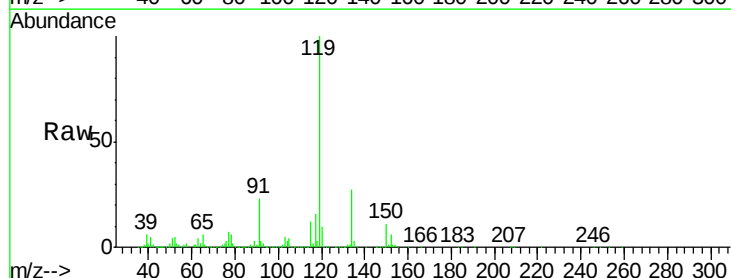
Tgt Ion:119 Resp: 411751

Ion Ratio Lower Upper

119 100

134 27.2 14.0 41.9

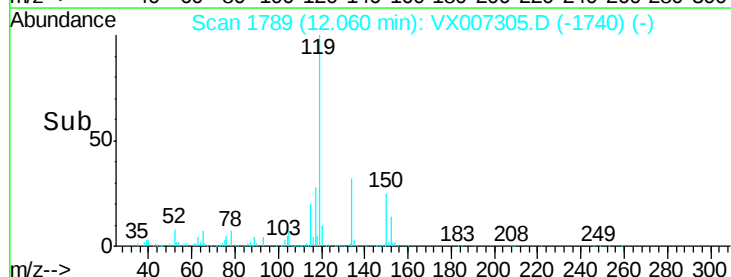
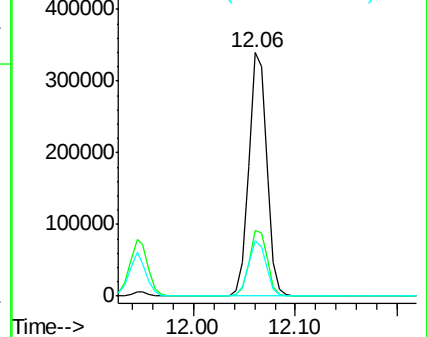
91 22.5 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

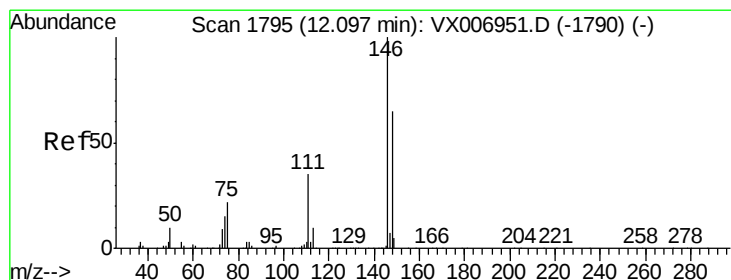
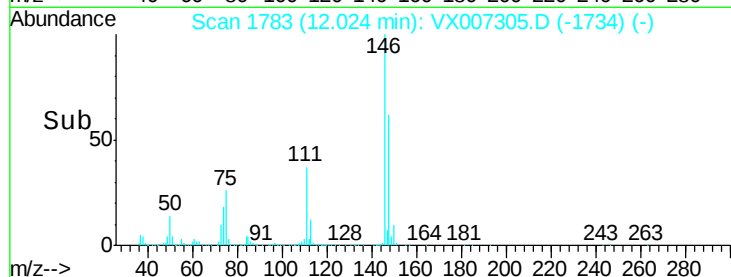
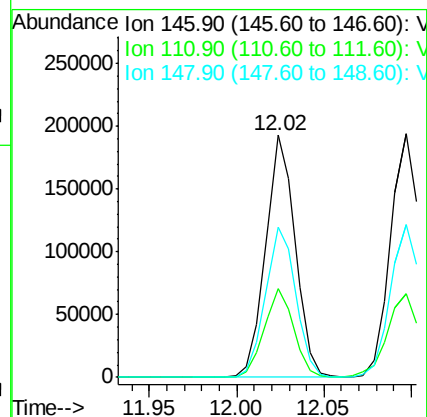
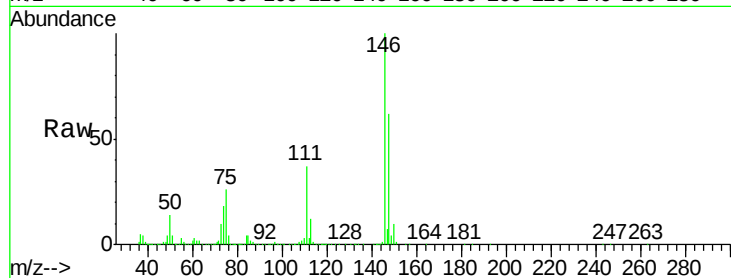




#87
 1,3-Dichlorobenzene
 Concen: 17.953 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

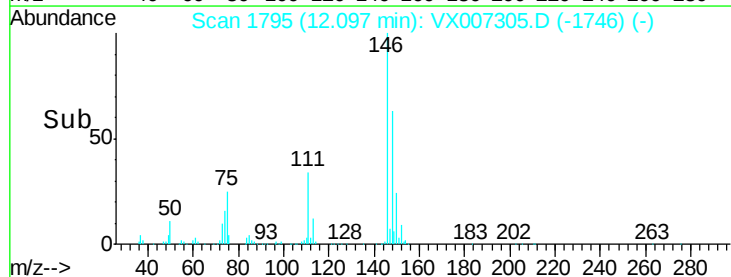
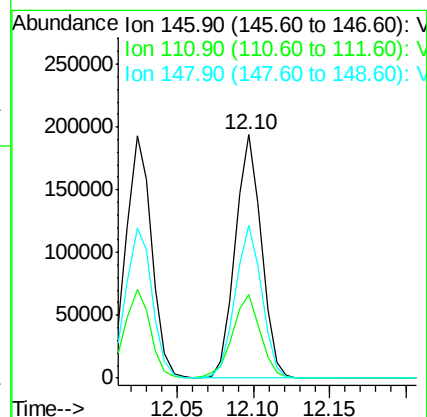
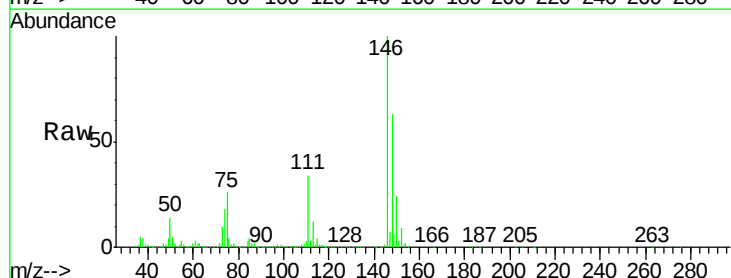
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.8
148	63.8	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.257 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	63.7	31.9	95.9

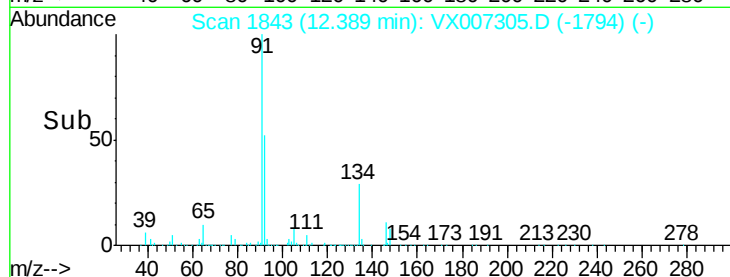
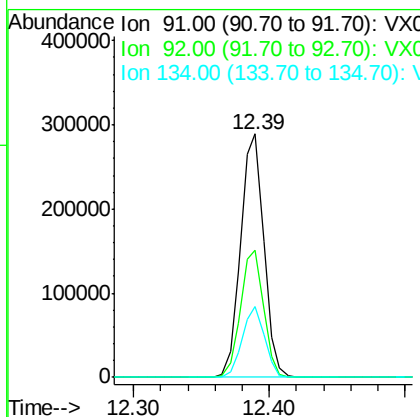
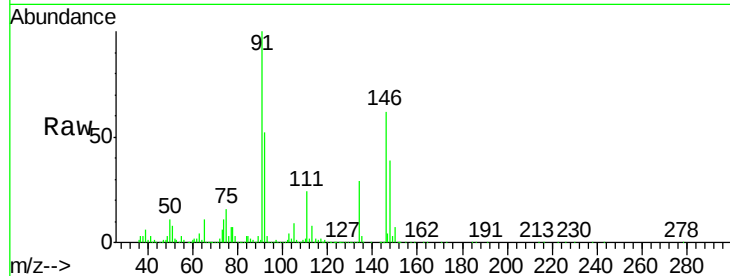




#89
n-Butylbenzene
Concen: 17.812 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

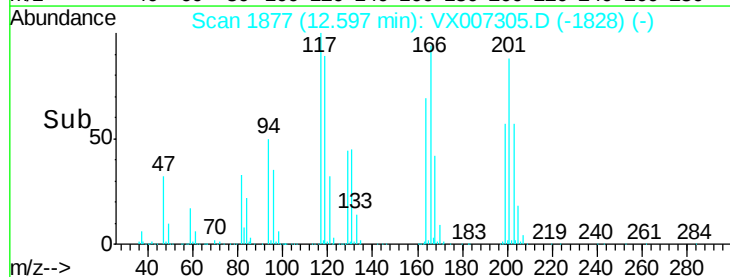
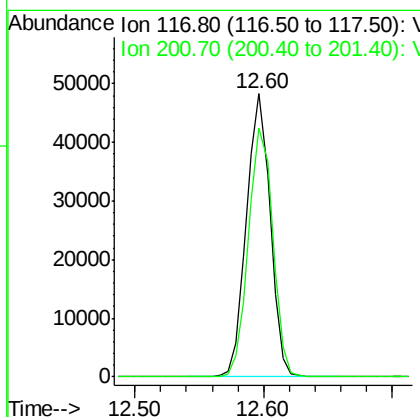
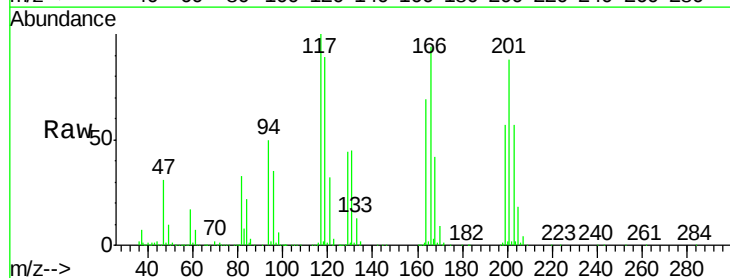
Instrument :
MSVOA_X
ClientSampleId :
VX0130WBSD01

Tot Ion: 91 Resp: 343651
Ion Ratio Lower Upper
91 100
92 51.9 26.8 80.4
134 28.2 14.4 43.2



#90
Hexachloroethane
Concen: 18.826 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007305.D
Acq: 30 Jan 2019 10:58

Tgt Ion: 117 Resp: 61065
Ion Ratio Lower Upper
117 100
201 89.9 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 18.017 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

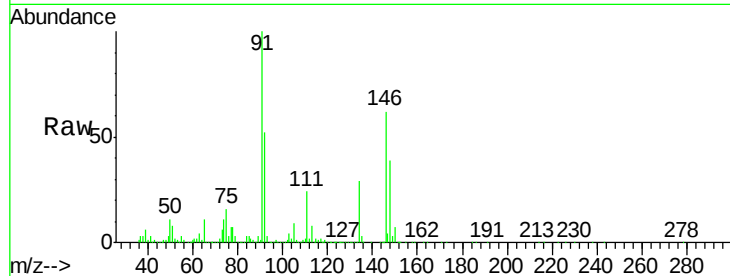
Tot Ion:146 Resp: 225037

Ion Ratio Lower Upper

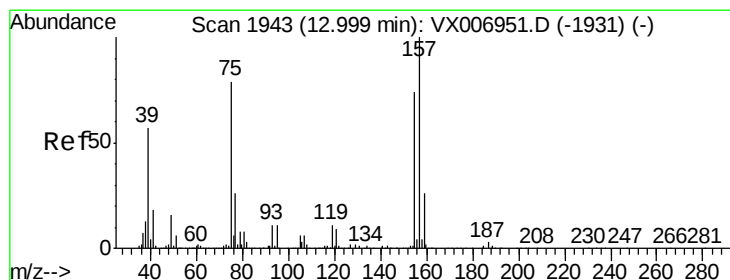
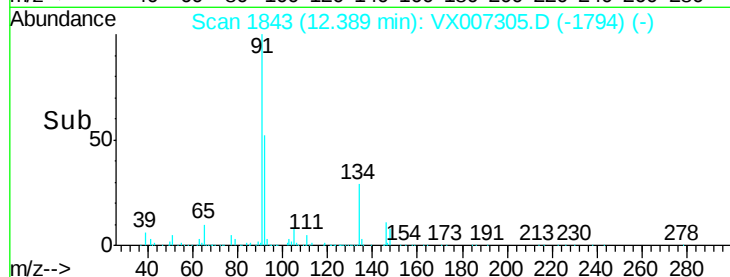
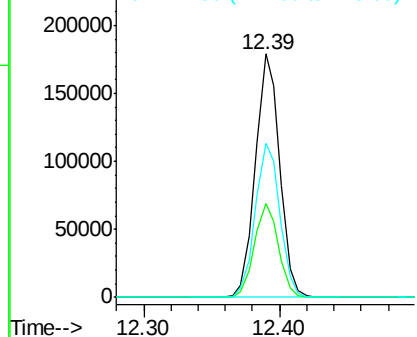
146 100

111 38.1 19.4 58.2

148 64.7 32.3 96.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.484 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

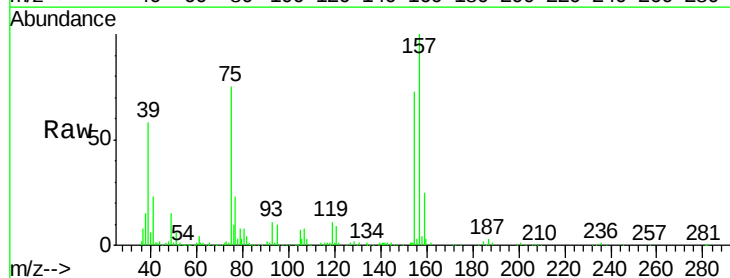
Tgt Ion: 75 Resp: 29493

Ion Ratio Lower Upper

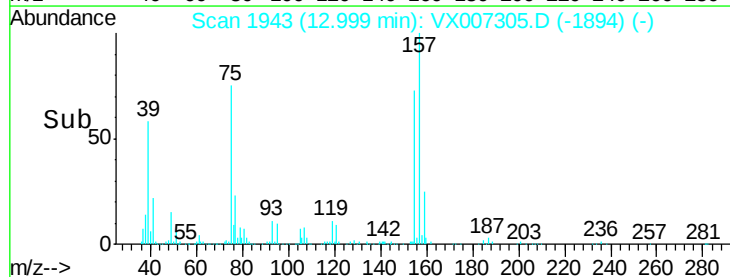
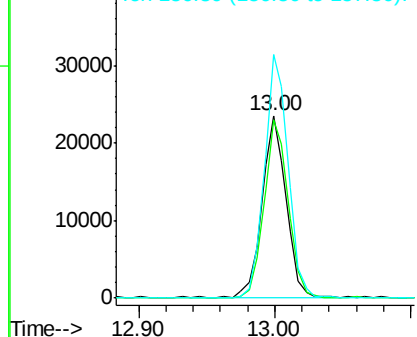
75 100

155 97.4 50.6 151.8

157 131.1 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

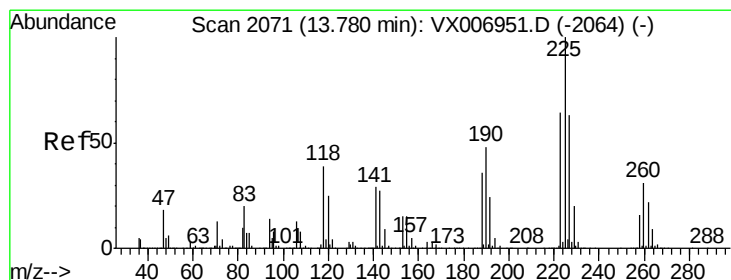
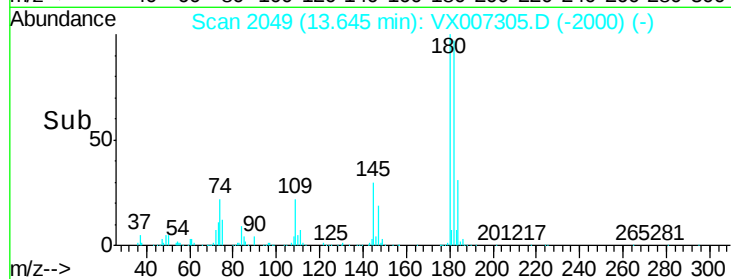
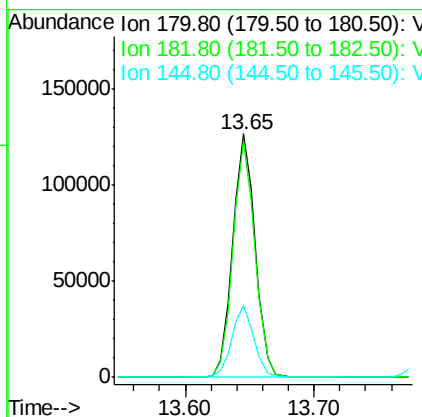
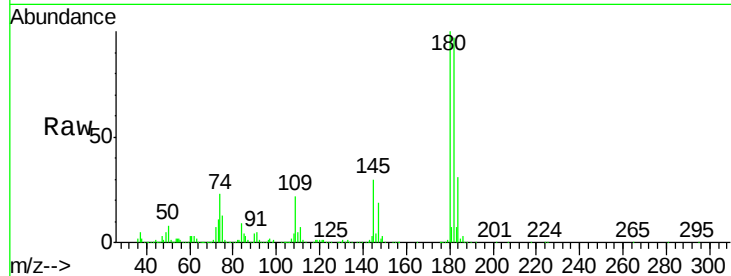




#93
 1,2,4-Trichlorobenzene
 Concen: 18.036 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

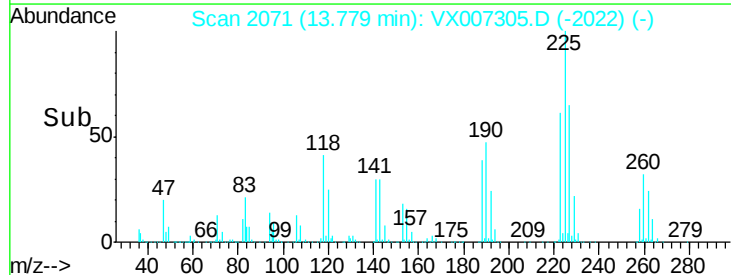
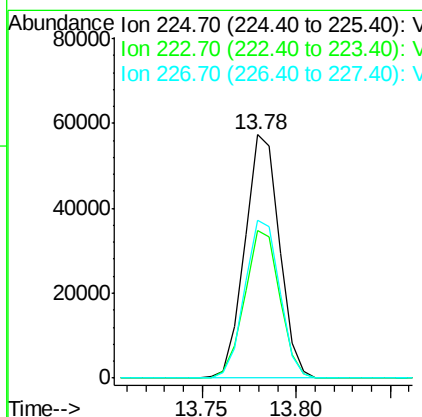
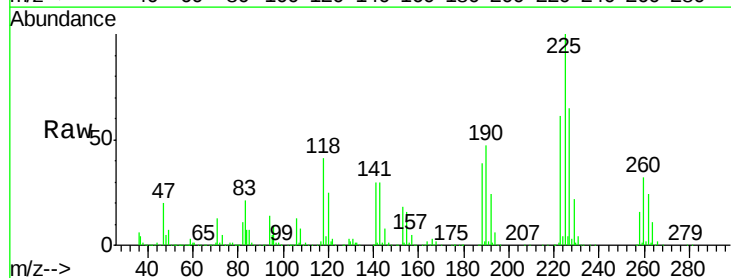
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Tot Ion:180 Resp: 154553
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 142.0
 145 29.0 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 19.199 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007305.D
 Acq: 30 Jan 2019 10:58

Tgt Ion:225 Resp: 73007
 Ion Ratio Lower Upper
 225 100
 223 61.4 32.1 96.3
 227 65.8 32.3 96.8





#95

Naphthalene

Concen: 18.432 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBSD01

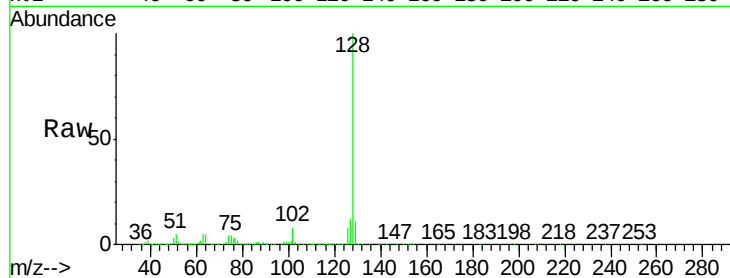
Tot Ion:128 Resp: 478619

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

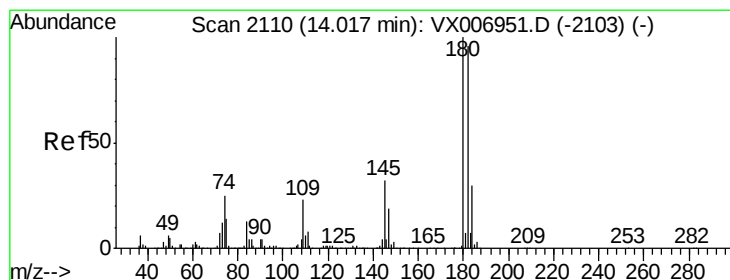
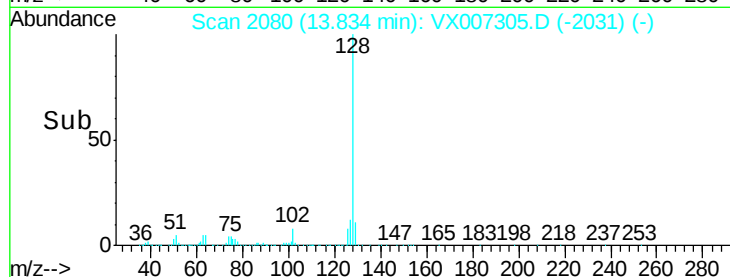
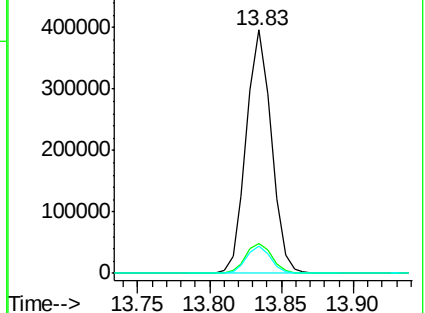
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.170 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007305.D

Acq: 30 Jan 2019 10:58

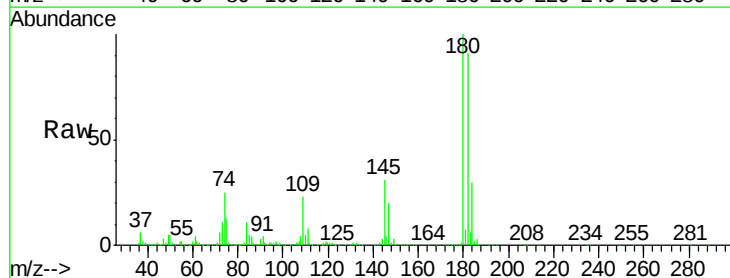
Tgt Ion:180 Resp: 154672

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.5

145 30.3 16.0 47.9



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

