

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007106.D
 Acq On : 17 Jan 2019 23:49
 Operator : JC/SP
 Sample : VX0117WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

Quant Time: Jan 18 05:06:40 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	510702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	767792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	684990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342673	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	278794	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
35) Dibromofluoromethane	5.50	113	247585	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
50) Toluene-d8	8.71	98	913465	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	318725	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	81773	19.498	ug/l	99
3) Chloromethane	1.33	50	92698	18.987	ug/l	94
4) Vinyl Chloride	1.41	62	103577	19.722	ug/l	96
5) Bromomethane	1.64	94	105742	18.845	ug/l	100
6) Chloroethane	1.72	64	67741	18.473	ug/l	96
7) Trichlorofluoromethane	1.93	101	167874	19.783	ug/l	95
8) Diethyl Ether	2.19	74	66942	19.829	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97335	19.159	ug/l	99
10) Methyl Iodide	2.51	142	138421	20.199	ug/l	99
11) Tert butyl alcohol	3.07	59	137078	108.876	ug/l	99
12) 1,1-Dichloroethene	2.38	96	90177	19.212	ug/l	95
13) Acrolein	2.29	56	72347	134.677	ug/l	99
14) Allyl chloride	2.73	41	155525	19.334	ug/l	98
15) Acrylonitrile	3.15	53	307090	106.250	ug/l	99
16) Acetone	2.45	43	266200	100.888	ug/l	99
17) Carbon Disulfide	2.57	76	200295	16.575	ug/l	99
18) Methyl Acetate	2.78	43	167171	21.878	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	337983	20.746	ug/l	98
20) Methylene Chloride	2.86	84	105996	20.790	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99320	18.988	ug/l	97
22) Diisopropyl ether	3.87	45	304125	20.110	ug/l	97
23) Vinyl Acetate	3.82	43	1239290	97.172	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167193	19.772	ug/l	98
25) 2-Butanone	4.70	43	392339	103.919	ug/l	99
26) 2,2-Dichloropropane	4.59	77	97450	14.986	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	111766	19.372	ug/l	99
28) Bromochloromethane	5.02	49	72809	19.652	ug/l	97
29) Tetrahydrofuran	5.15	42	254667	103.795	ug/l	97
30) Chloroform	5.21	83	178182	20.125	ug/l	98
31) Cyclohexane	5.57	56	140360	18.649	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	145579	19.399	ug/l	97
36) 1,1-Dichloropropene	5.80	75	126534	18.956	ug/l	99
37) Ethyl Acetate	4.85	43	146539	20.476	ug/l	98
38) Carbon Tetrachloride	5.79	117	125072	18.623	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007106.D
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 Sample : VX0117WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

Quant Time: Jan 18 05:06:40 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)
39) Methylcyclohexane	7.46	83	149228	17.536	ug/l	98
40) Benzene	6.14	78	392973	19.293	ug/l	100
41) Methacrylonitrile	5.06	41	78711	19.092	ug/l	98
42) 1,2-Dichloroethane	6.20	62	136008	19.323	ug/l	99
43) Isopropyl Acetate	6.46	43	224159	19.857	ug/l	99
44) Trichloroethene	7.21	130	115971	19.000	ug/l	97
45) 1,2-Dichloropropane	7.51	63	101379	19.798	ug/l	93
46) Dibromomethane	7.66	93	70917	19.706	ug/l	97
47) Bromodichloromethane	7.90	83	119429	19.496	ug/l	98
48) Methyl methacrylate	7.77	41	115707	19.960	ug/l	97
49) 1,4-Dioxane	7.75	88	55509	414.267	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	761318	104.942	ug/l	100
52) Toluene	8.79	92	249072	19.026	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	122209	17.991	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	140151	18.683	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	108100	20.630	ug/l	99
56) Ethyl methacrylate	9.18	69	153149	20.020	ug/l	95
57) 1,3-Dichloropropane	9.37	76	173750	20.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	389364	98.995	ug/l	98
59) 2-Hexanone	9.49	43	572988	103.643	ug/l	99
60) Dibromochloromethane	9.59	129	101609	19.969	ug/l	98
61) 1,2-Dibromoethane	9.67	107	113636	19.699	ug/l	100
64) Tetrachloroethene	9.34	164	118242	19.938	ug/l	97
65) Chlorobenzene	10.14	112	292081	19.550	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	101359	20.168	ug/l	99
67) Ethyl Benzene	10.25	91	469284	19.027	ug/l	100
68) m/p-Xylenes	10.36	106	368686	37.941	ug/l	98
69) o-Xylene	10.70	106	184711	19.491	ug/l	99
70) Styrene	10.71	104	290251	19.338	ug/l	99
71) Bromoform	10.85	173	72175	19.261	ug/l	99
73) Isopropylbenzene	11.02	105	483223	19.998	ug/l	99
74) N-amyl acetate	10.90	43	194342	19.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	159803	20.832	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	168586	24.278	ug/l	93
77) Bromobenzene	11.26	156	130133	19.546	ug/l	98
78) n-propylbenzene	11.36	91	533640	20.118	ug/l	99
79) 2-Chlorotoluene	11.42	91	316470	19.819	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	398999	19.762	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	34121	17.489	ug/l	90
82) 4-Chlorotoluene	11.51	91	361727	19.566	ug/l	100
83) tert-Butylbenzene	11.77	119	395958	19.656	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	409936	20.191	ug/l	99
85) sec-Butylbenzene	11.94	105	475734	19.775	ug/l	100
86) p-Isopropyltoluene	12.06	119	426696	19.829	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	233625	19.414	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	234709	20.670	ug/l	99
89) n-Butylbenzene	12.39	91	351673	19.171	ug/l	98
90) Hexachloroethane	12.60	117	61569	19.788	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	234175	19.719	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30889	20.360	ug/l	97

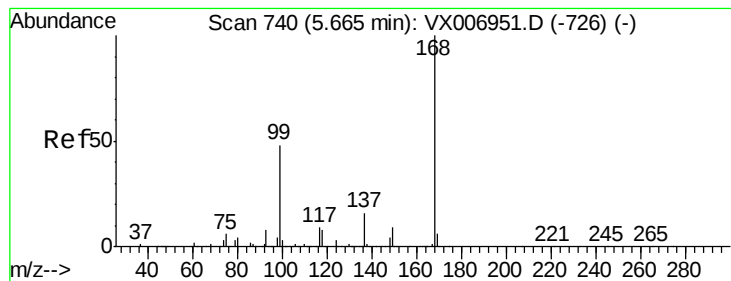
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007106.D
Acq On : 17 Jan 2019 23:49
Operator : JC/SP
Sample : VX0117WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Quant Time: Jan 18 05:06:40 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	154399	18.950	ug/l	99
94) Hexachlorobutadiene	13.78	225	73107	20.220	ug/l	99
95) Naphthalene	13.83	128	496143	20.096	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	158254	19.553	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: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

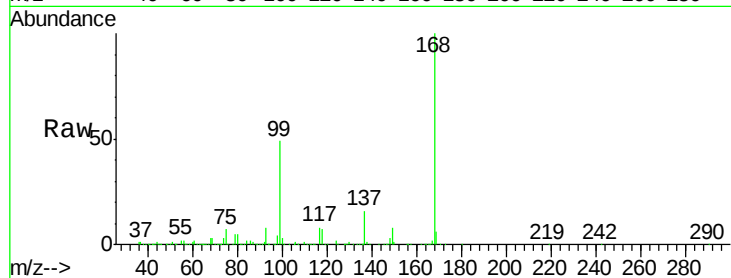
VX0117WBSD02

Tot Ion:168 Resp: 510702

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

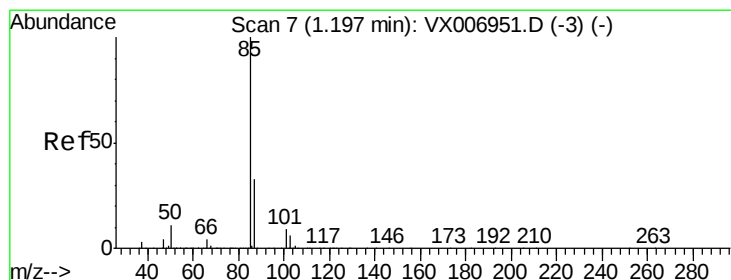
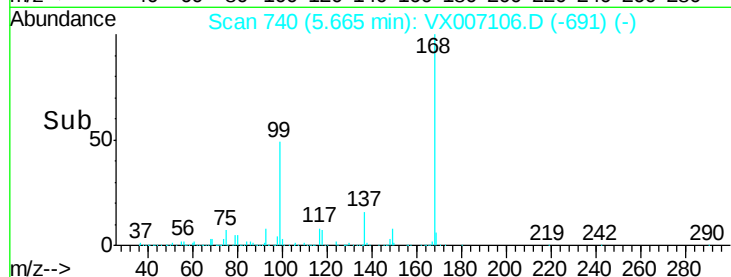
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.498 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007106.D

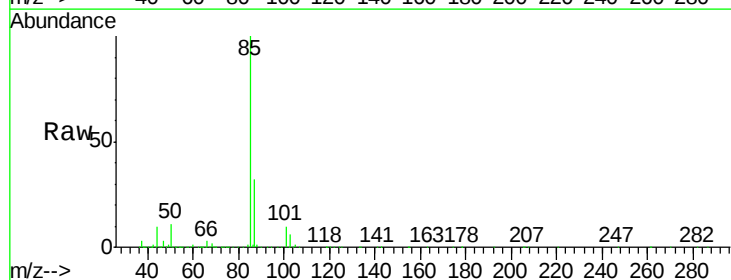
Acq: 17 Jan 2019 23:49

Tgt Ion: 85 Resp: 81773

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

80000

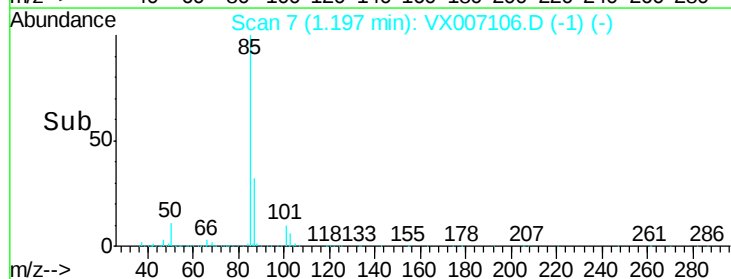
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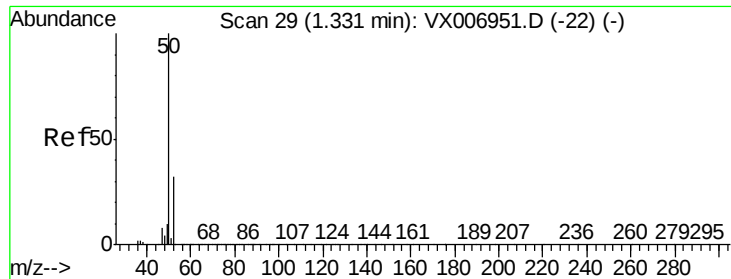
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20000

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Time--> 1.15 1.20 1.25

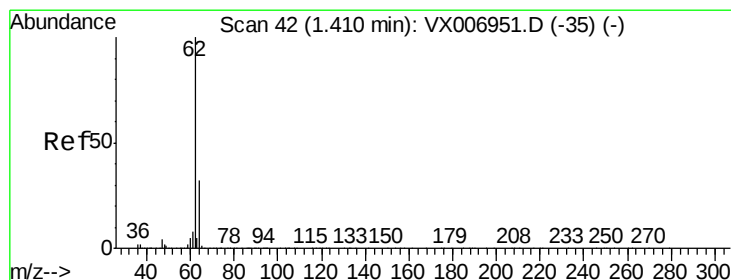
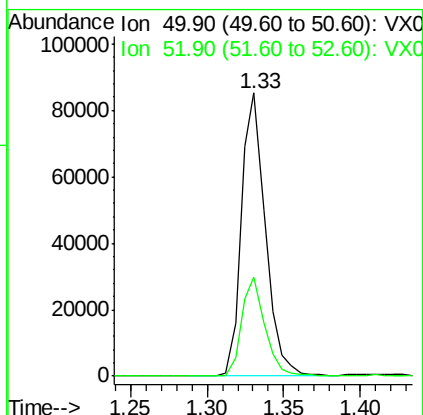
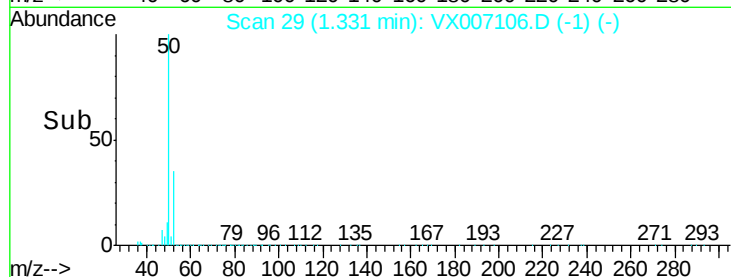
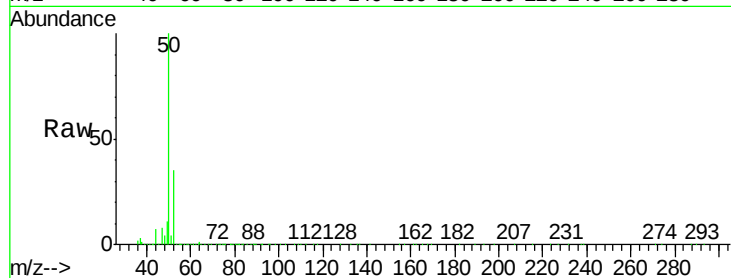




#3
Chloromethane
Concen: 18.987 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

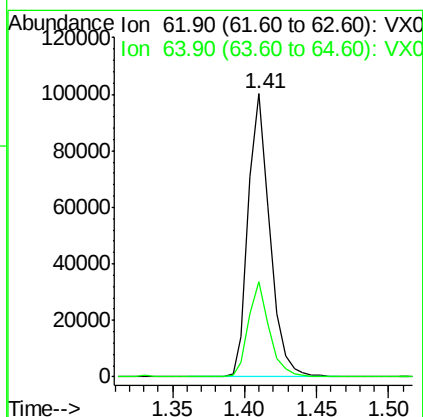
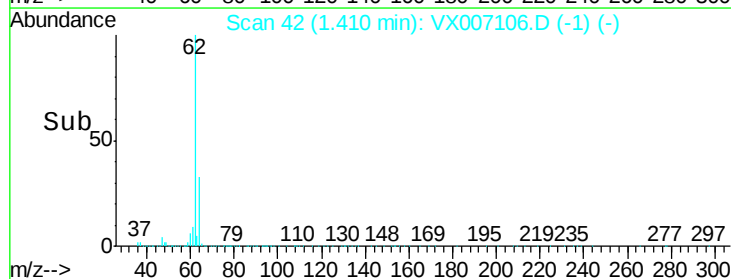
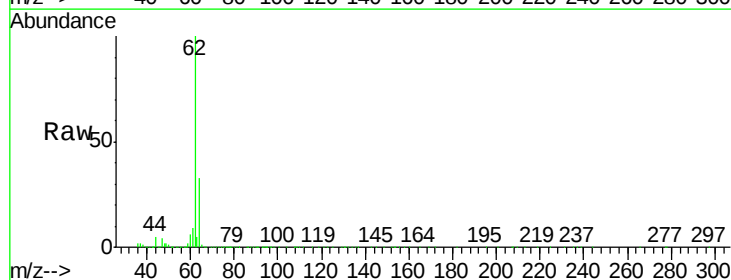
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

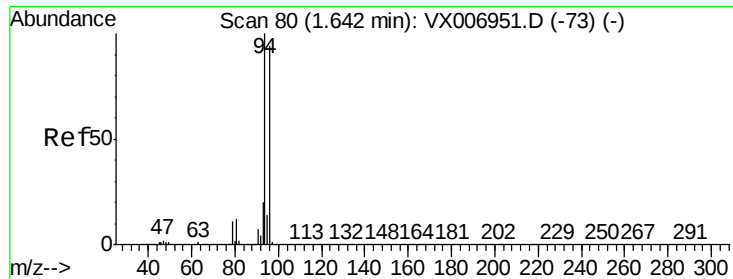
Tot Ion: 50 Resp: 92698
Ion Ratio Lower Upper
50 100
52 35.1 25.4 38.2



#4
Vinyl Chloride
Concen: 19.722 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion: 62 Resp: 103577
Ion Ratio Lower Upper
62 100
64 33.3 25.1 37.7





#5

Bromomethane

Concen: 18.845 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

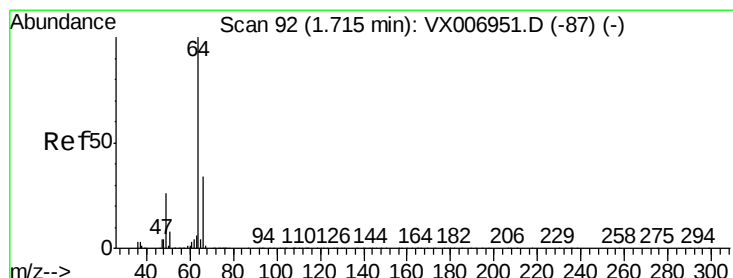
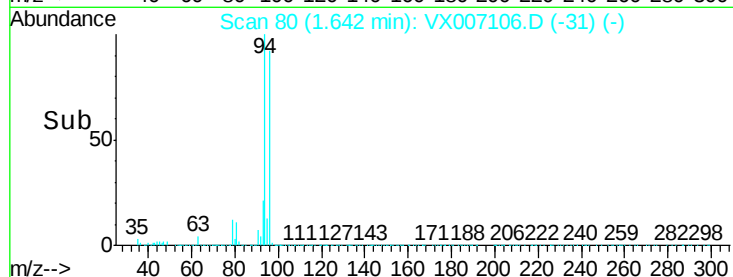
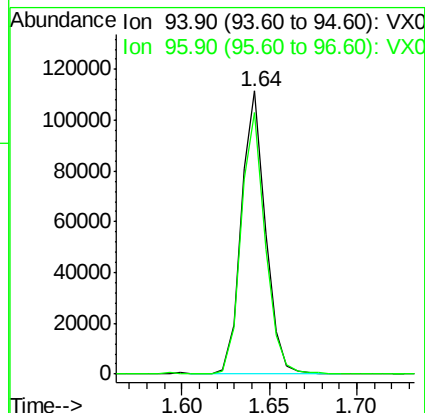
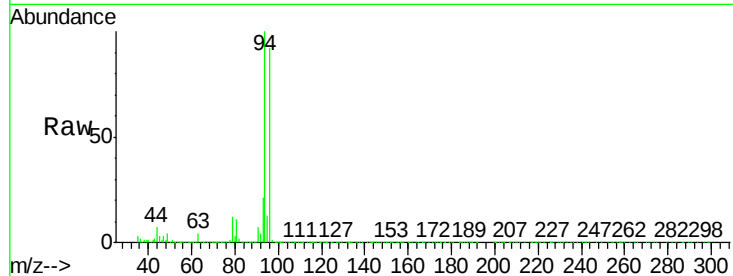
VX0117WBSD02

Tot Ion: 94 Resp: 105742

Ion Ratio Lower Upper

94 100

96 92.1 73.4 110.2



#6

Chloroethane

Concen: 18.473 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007106.D

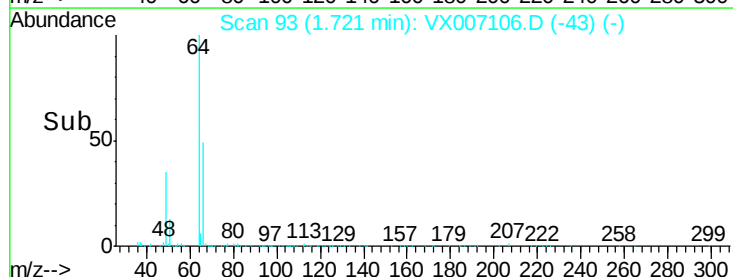
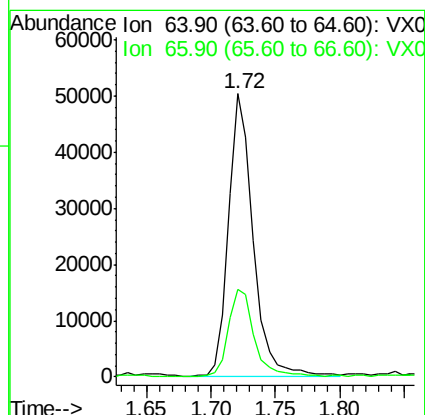
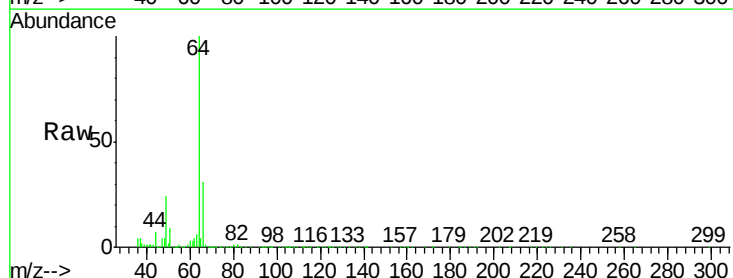
Acq: 17 Jan 2019 23:49

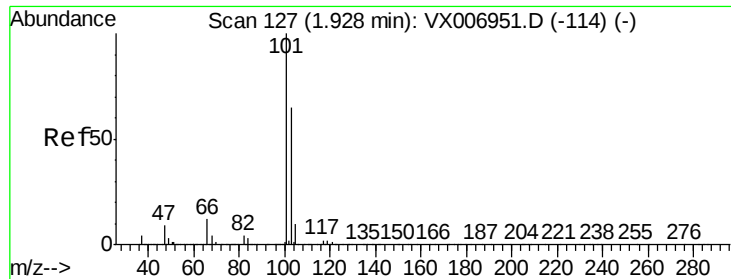
Tgt Ion: 64 Resp: 67741

Ion Ratio Lower Upper

64 100

66 30.8 26.4 39.6



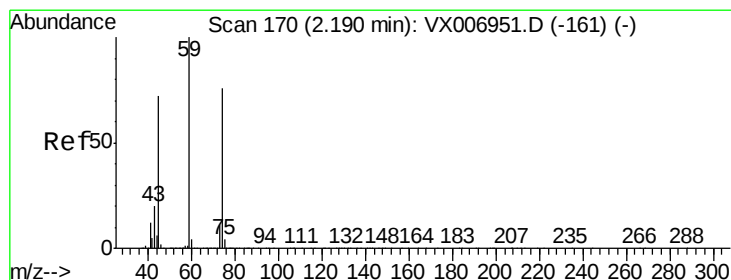
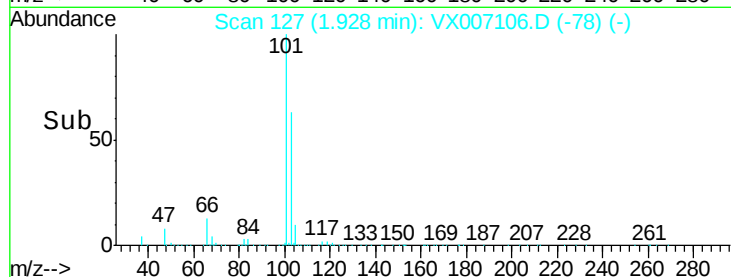
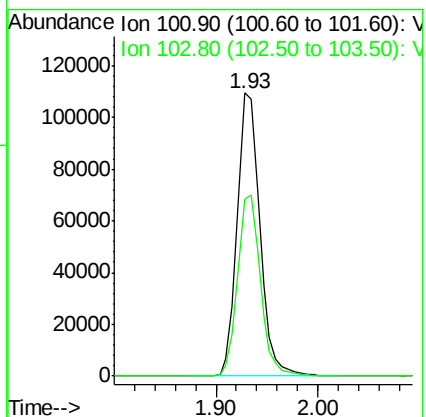
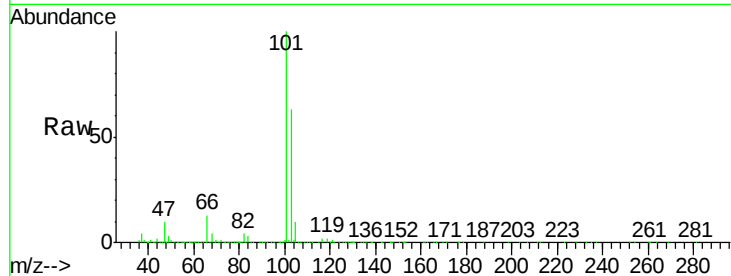


#7

Trichlorofluoromethane
Concen: 19.783 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

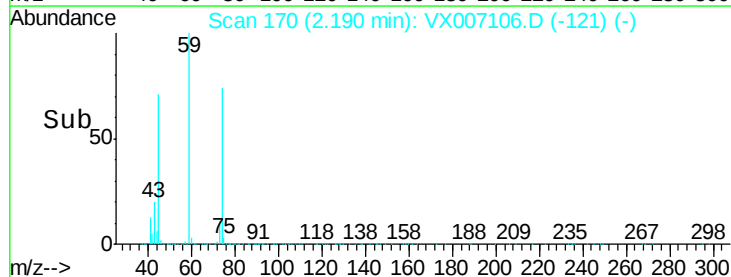
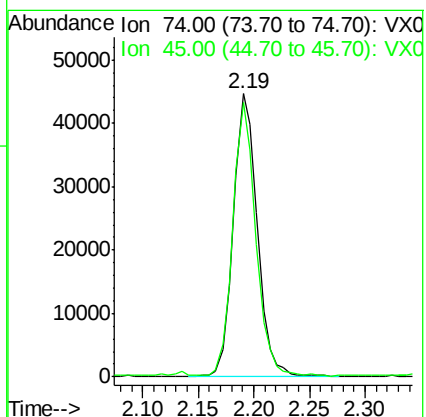
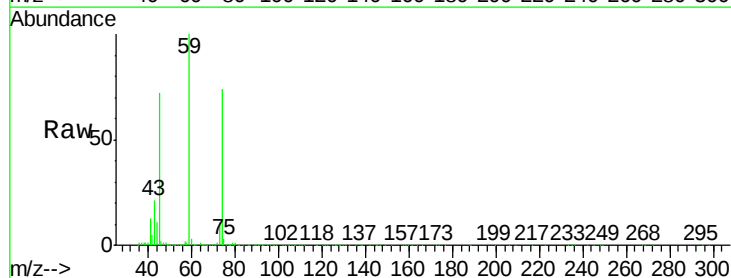
Tot Ion:101 Resp: 167874
Ion Ratio Lower Upper
101 100
103 62.8 53.2 79.8

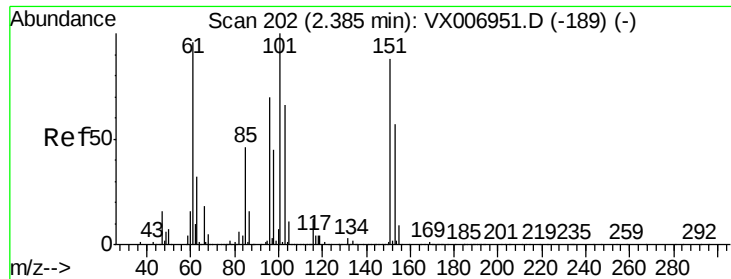


#8

Diethyl Ether
Concen: 19.829 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion: 74 Resp: 66942
Ion Ratio Lower Upper
74 100
45 92.5 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.159 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

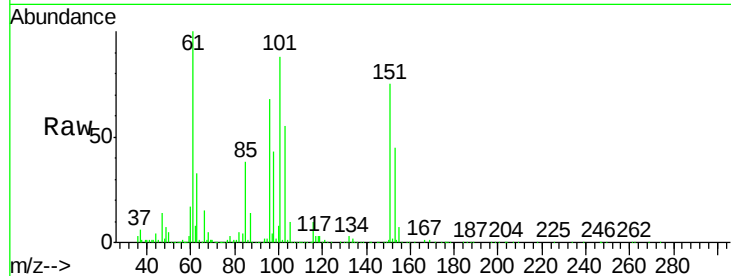
Tot Ion:101 Resp: 97335

Ion Ratio Lower Upper

101 100

85 43.3 35.1 52.7

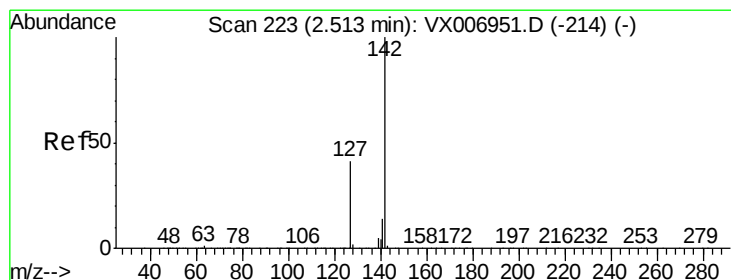
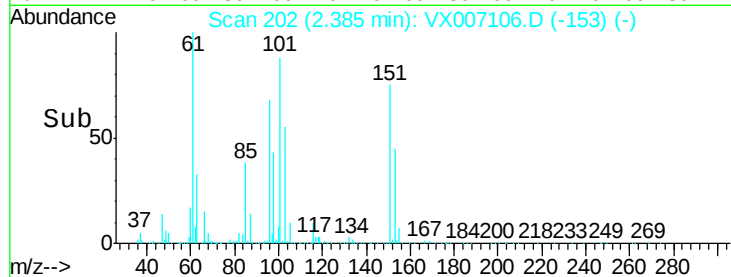
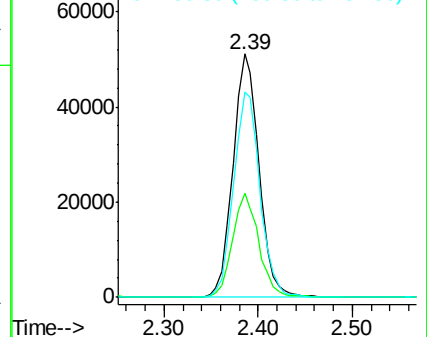
151 86.5 68.9 103.3



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: 20.199 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

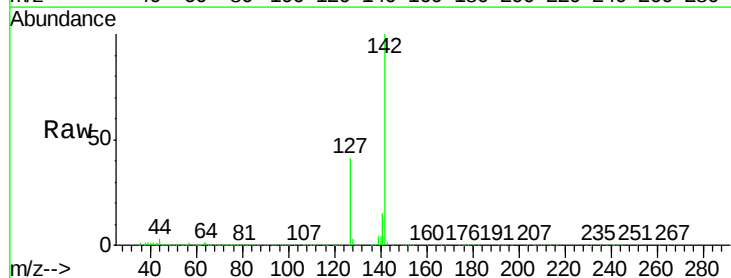
Tgt Ion:142 Resp: 138421

Ion Ratio Lower Upper

142 100

127 42.9 33.9 50.9

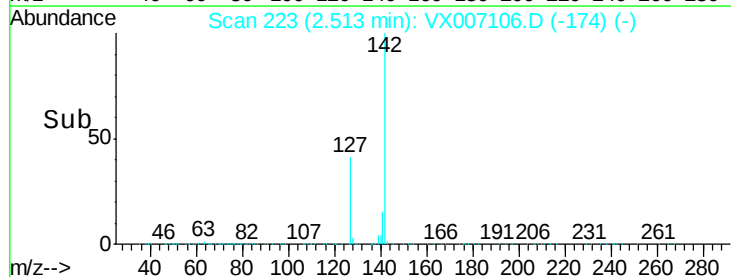
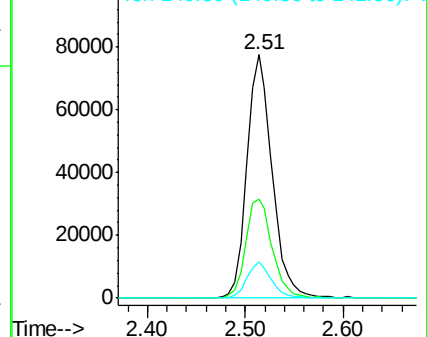
141 14.7 11.4 17.0

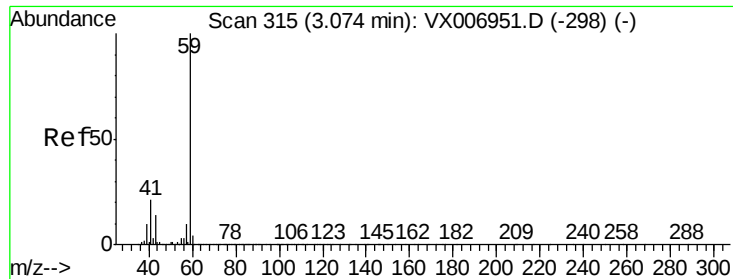


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



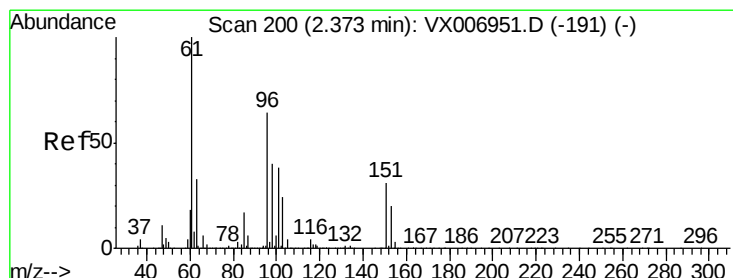
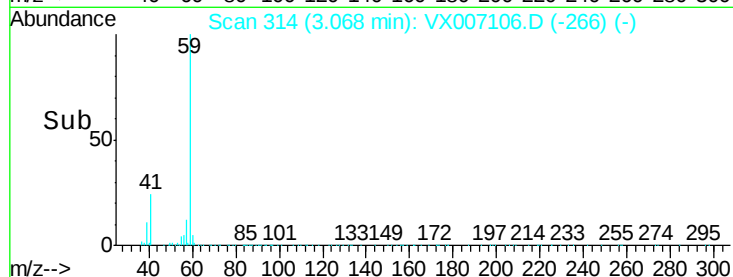
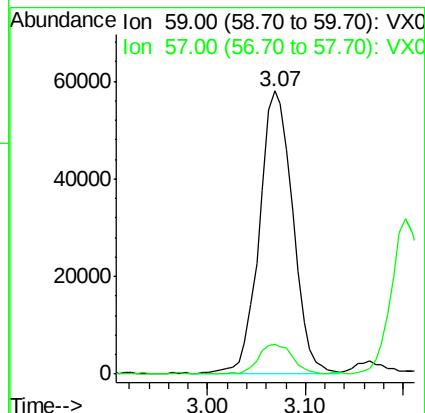
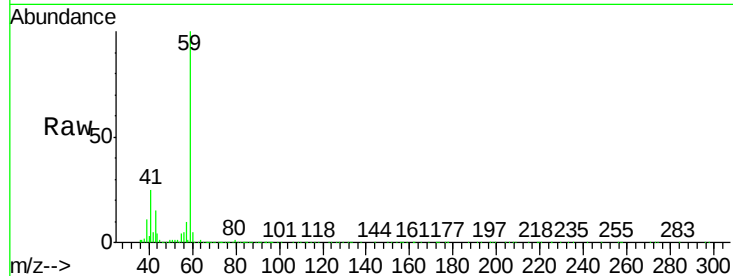


#11

Tert butyl alcohol
Concen: 108.876 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

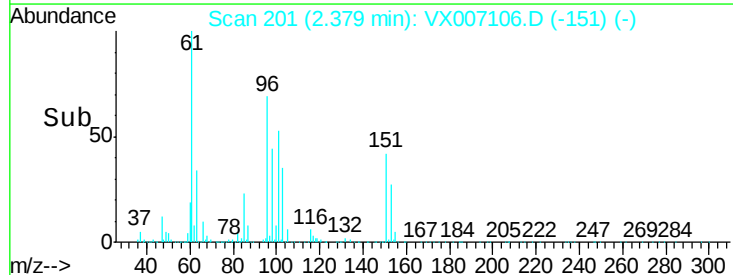
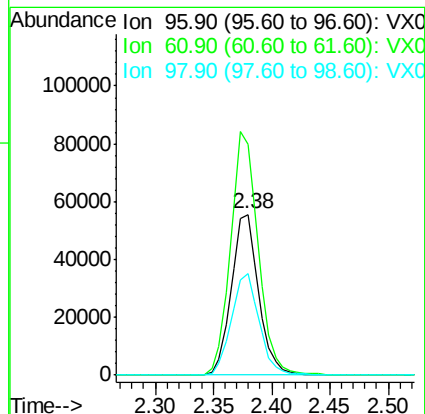
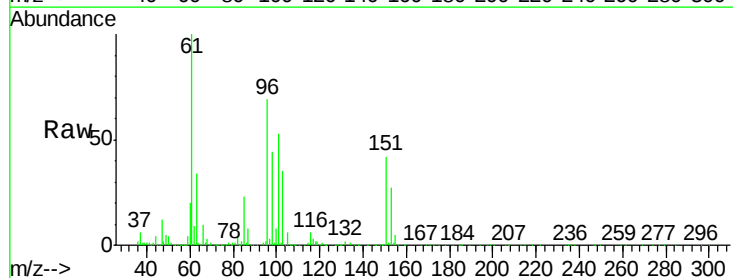
Tot Ion: 59 Resp: 137078
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7

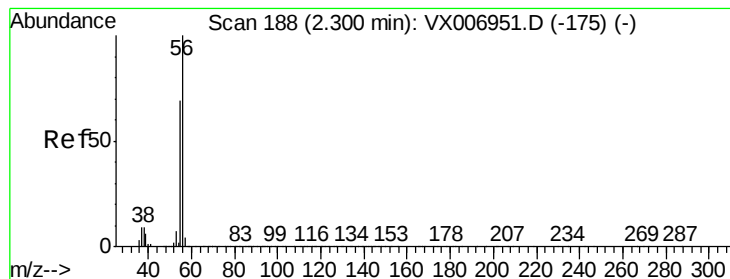


#12

1,1-Dichloroethene
Concen: 19.212 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion: 96 Resp: 90177
Ion Ratio Lower Upper
96 100
61 144.2 121.4 182.2
98 63.4 51.9 77.9





#13

Acrolein

Concen: 134.677 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

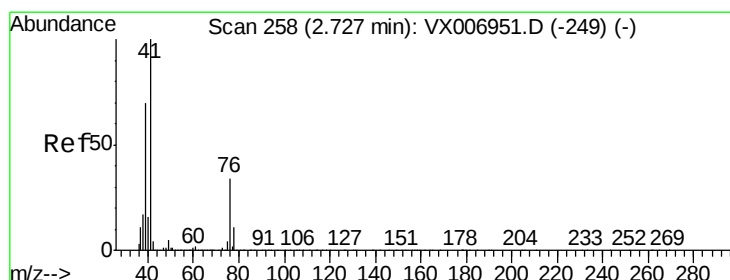
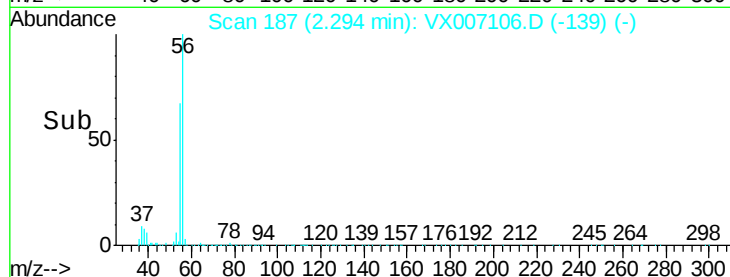
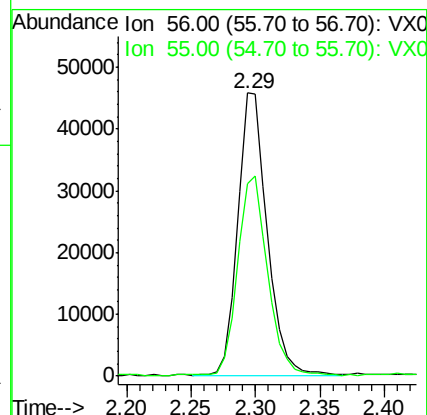
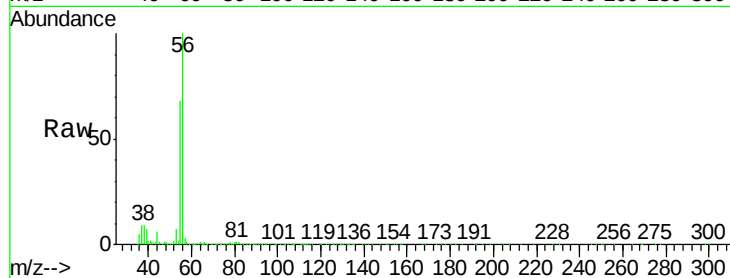
VX0117WBSD02

Tot Ion: 56 Resp: 72347

Ion Ratio Lower Upper

56 100

55 72.3 58.2 87.4



#14

Allyl chloride

Concen: 19.334 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

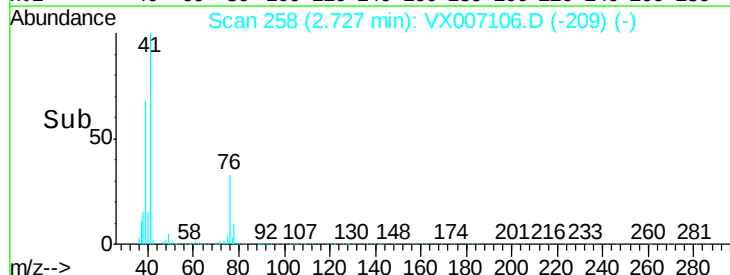
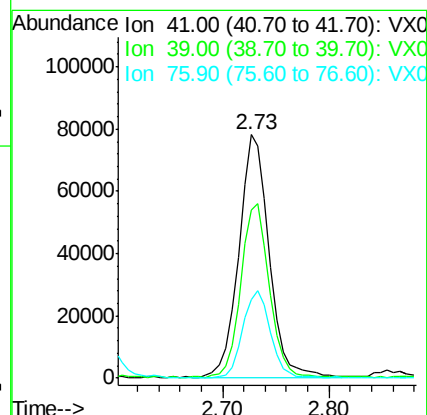
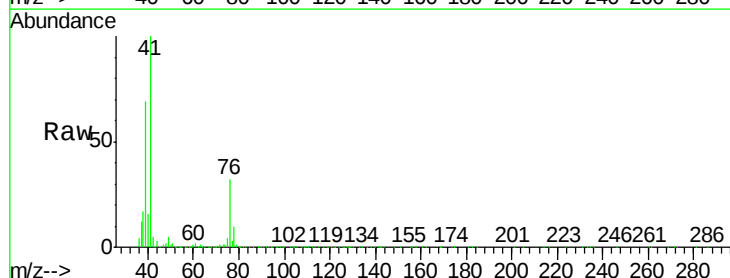
Tgt Ion: 41 Resp: 155525

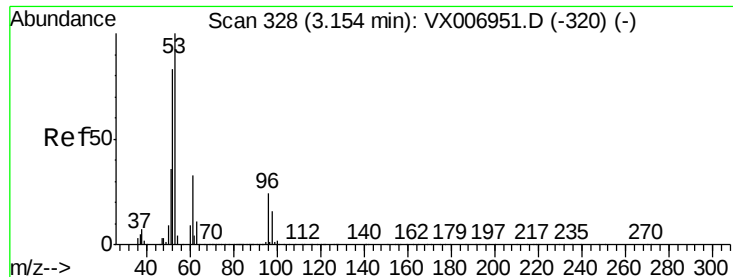
Ion Ratio Lower Upper

41 100

39 68.6 53.6 80.4

76 32.6 27.4 41.2





#15

Acrylonitrile

Concen: 106.250 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

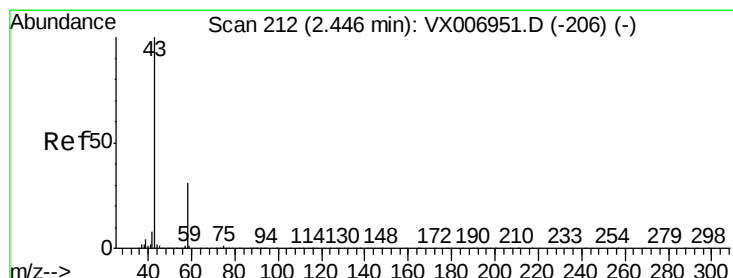
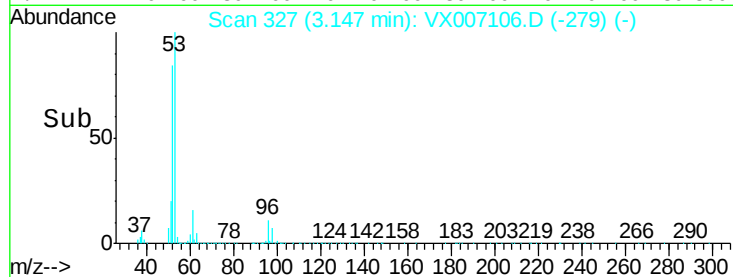
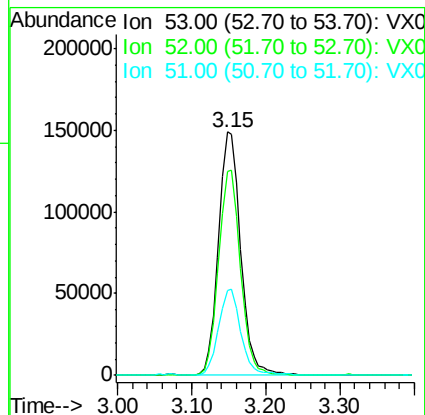
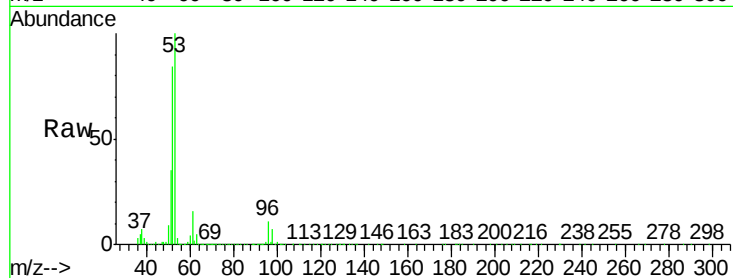
Tot Ion: 53 Resp: 307090

Ion Ratio Lower Upper

53 100

52 83.3 66.0 99.0

51 35.3 28.6 42.8



#16

Acetone

Concen: 100.888 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007106.D

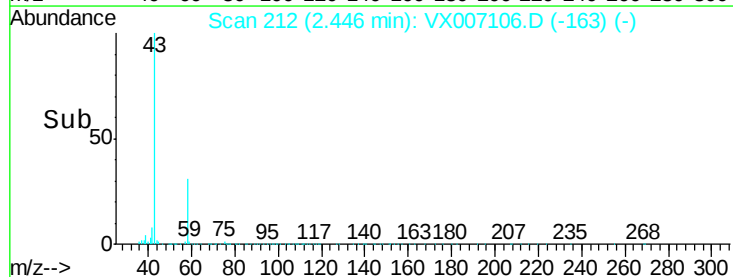
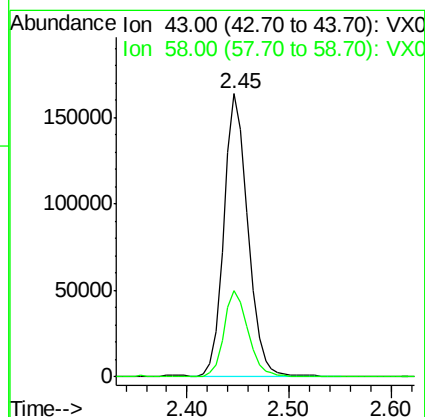
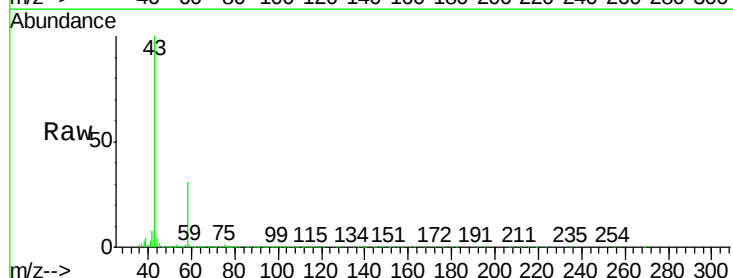
Acq: 17 Jan 2019 23:49

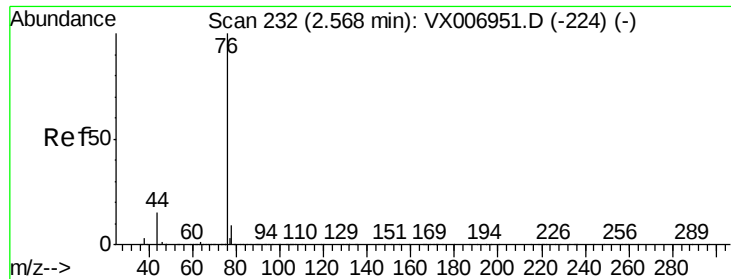
Tgt Ion: 43 Resp: 266200

Ion Ratio Lower Upper

43 100

58 30.6 25.0 37.6





#17

Carbon Disulfide

Concen: 16.575 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

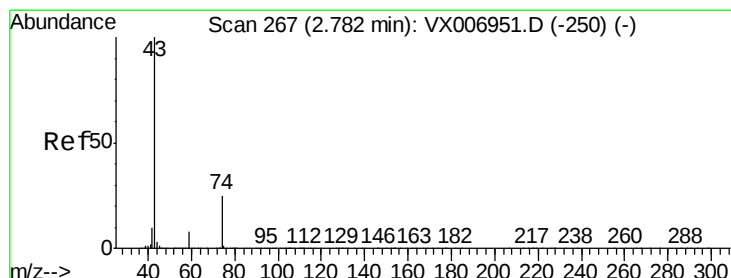
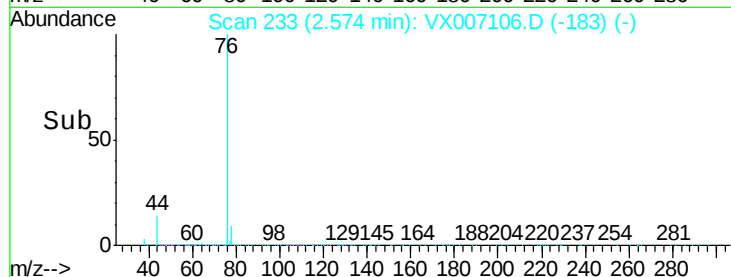
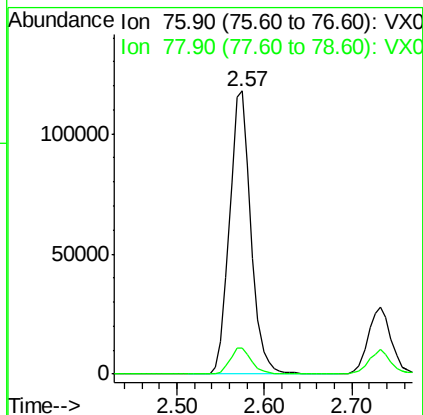
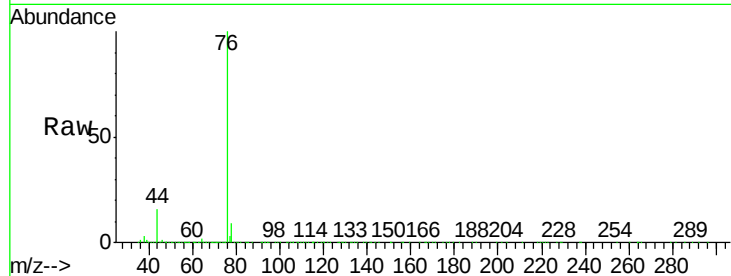
VX0117WBSD02

Tot Ion: 76 Resp: 200295

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#18

Methyl Acetate

Concen: 21.878 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007106.D

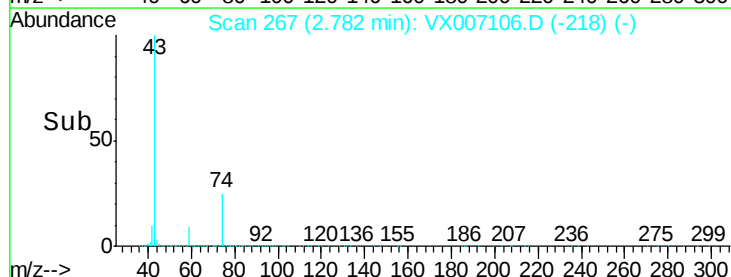
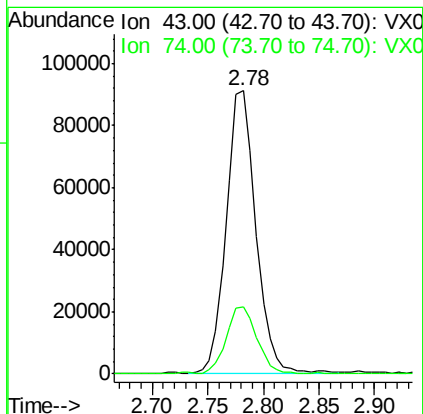
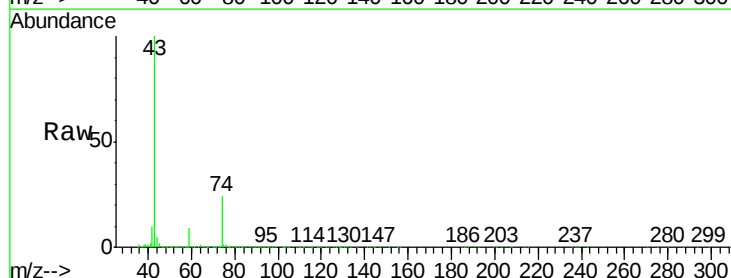
Acq: 17 Jan 2019 23:49

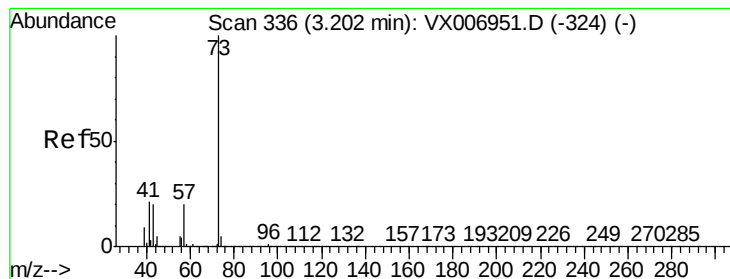
Tgt Ion: 43 Resp: 167171

Ion Ratio Lower Upper

43 100

74 24.6 18.6 28.0



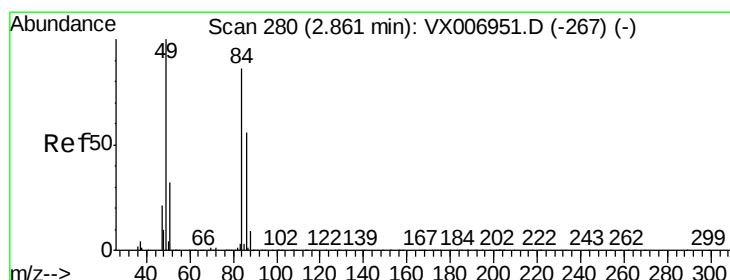
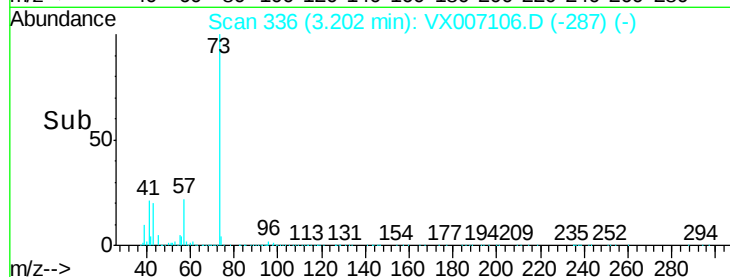
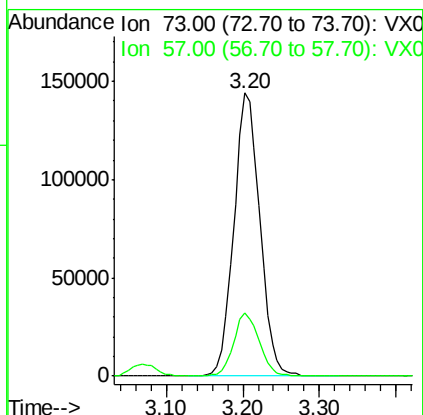
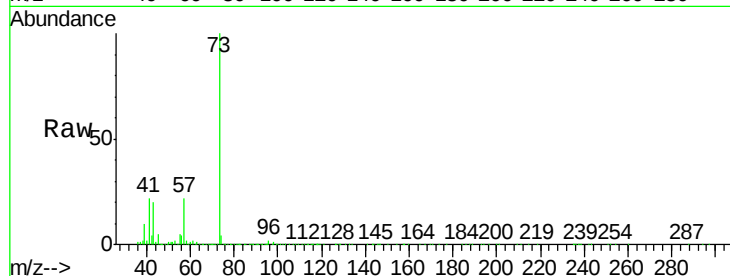


#19

Methyl tert-butyl Ether
 Concen: 20.746 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

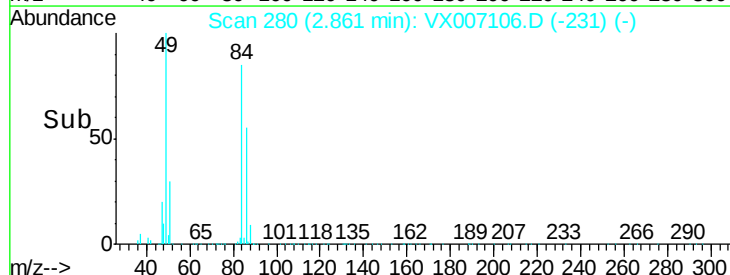
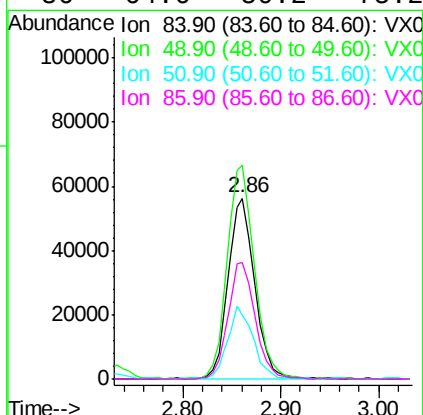
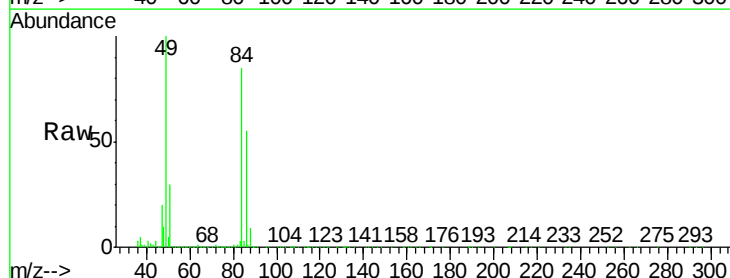
Tot Ion: 73 Resp: 337983
 Ion Ratio Lower Upper
 73 100
 57 22.0 16.8 25.2

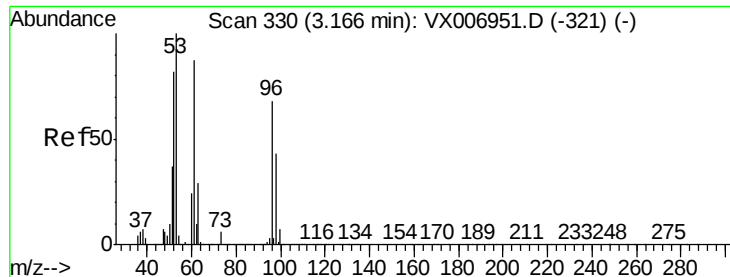


#20

Methylene Chloride
 Concen: 20.790 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Tgt Ion: 84 Resp: 105996
 Ion Ratio Lower Upper
 84 100
 49 117.6 91.8 137.6
 51 35.4 28.5 42.7
 86 64.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.988 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

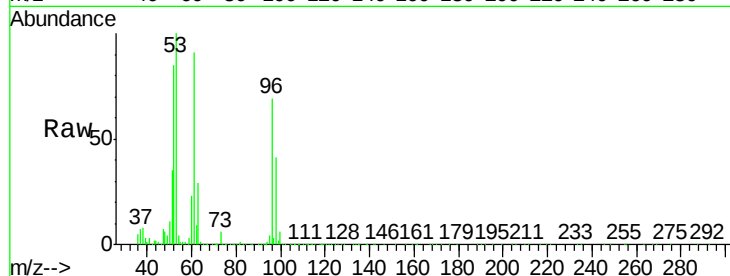
Tot Ion: 96 Resp: 99320

Ion Ratio Lower Upper

96 100

61 131.6 103.7 155.5

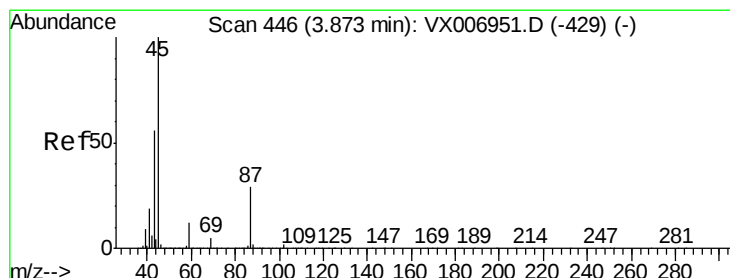
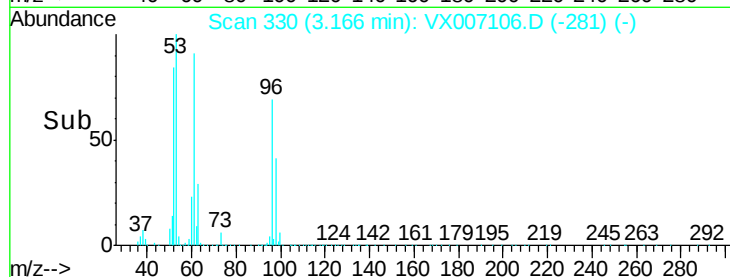
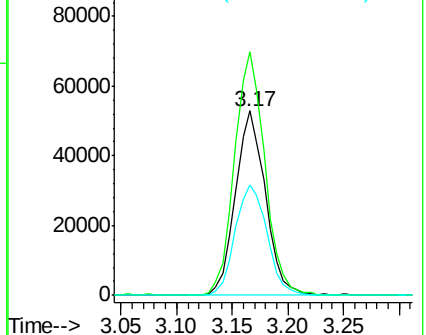
98 59.5 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.110 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion: 45 Resp: 304125

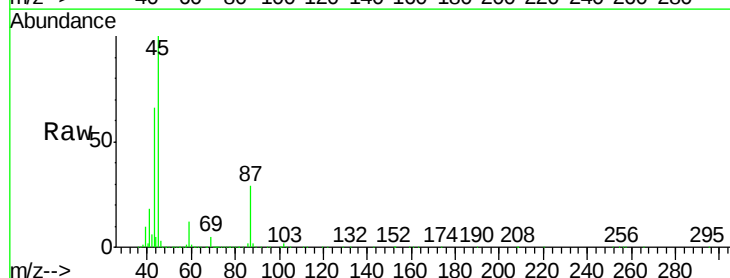
Ion Ratio Lower Upper

45 100

43 65.8 51.2 76.8

87 29.5 25.8 38.6

59 12.2 9.0 13.4

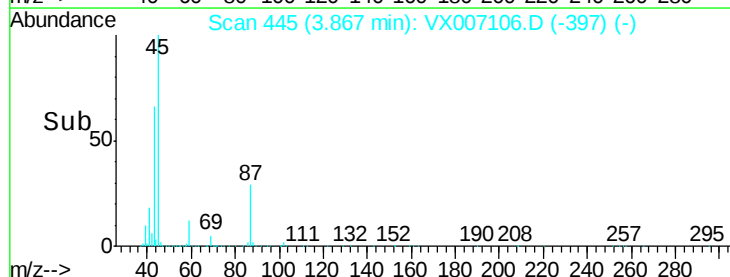
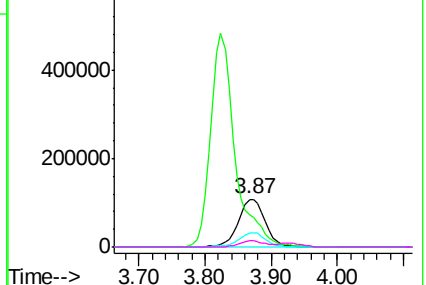


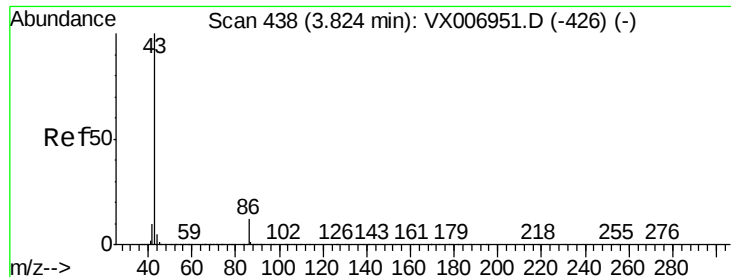
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.172 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleID :

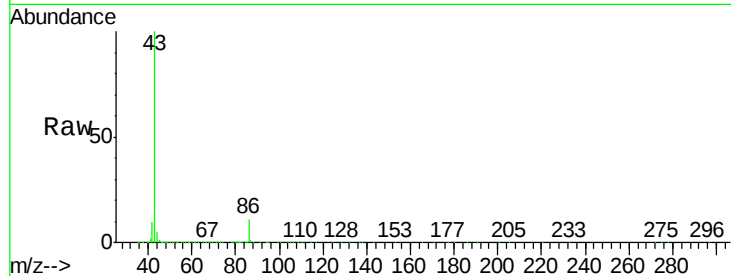
VX0117WBSD02

Tot Ion: 43 Resp: 1239290

Ion Ratio Lower Upper

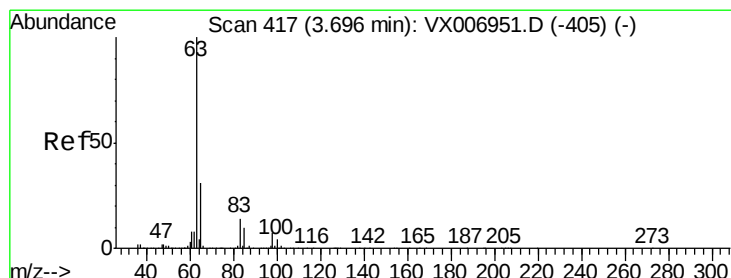
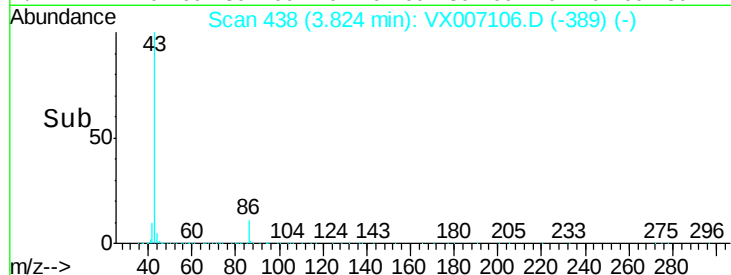
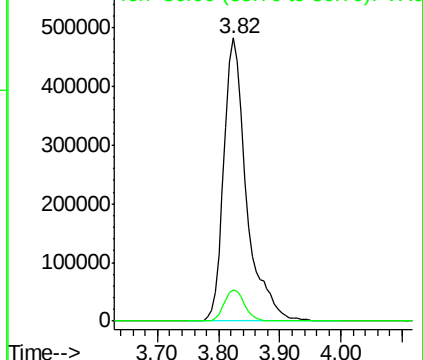
43 100

86 11.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.772 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

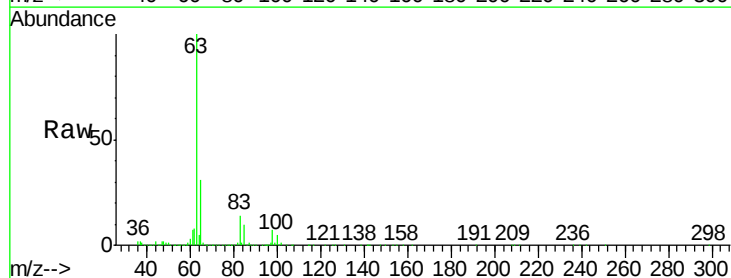
Tgt Ion: 63 Resp: 167193

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

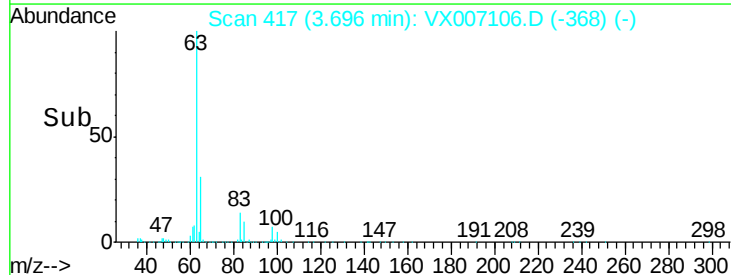
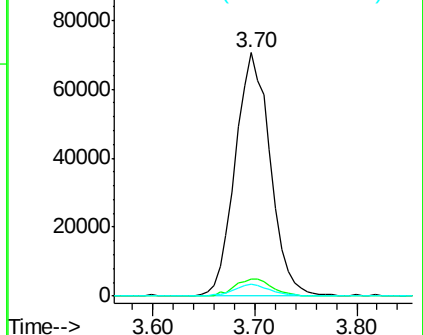
100 4.7 2.4 7.2

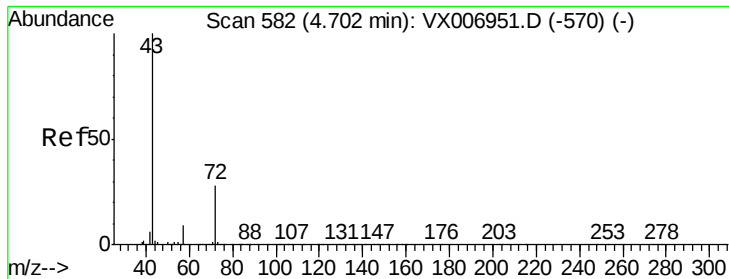


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.919 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

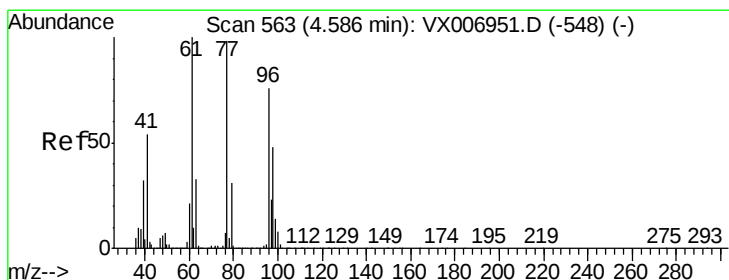
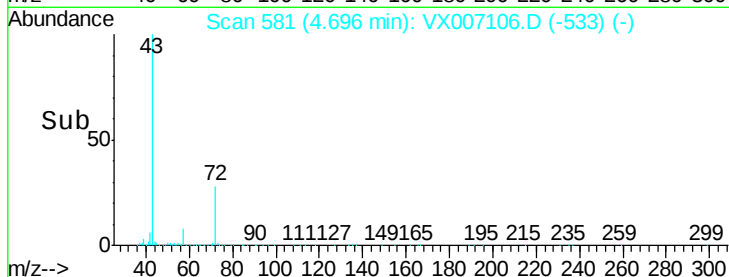
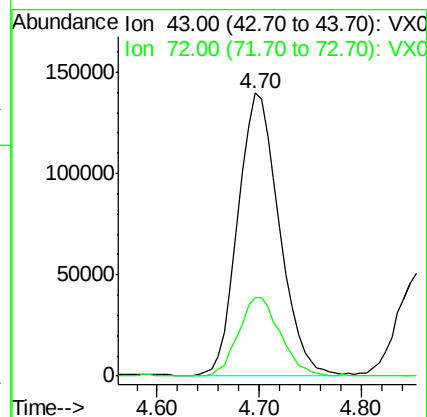
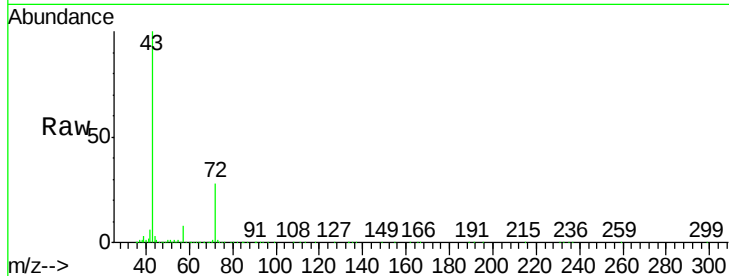
VX0117WBSD02

Tot Ion: 43 Resp: 392339

Ion Ratio Lower Upper

43 100

72 27.4 22.4 33.6



#26

2,2-Dichloropropane

Concen: 14.986 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007106.D

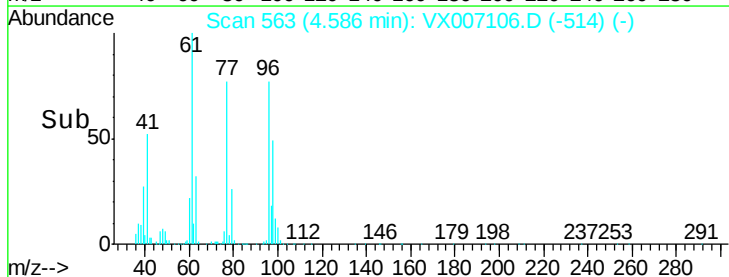
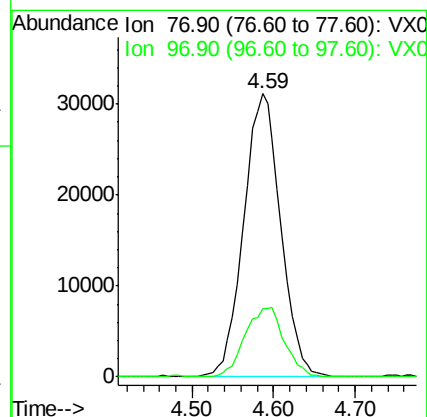
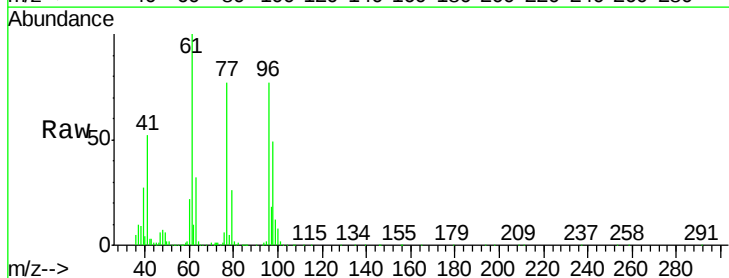
Acq: 17 Jan 2019 23:49

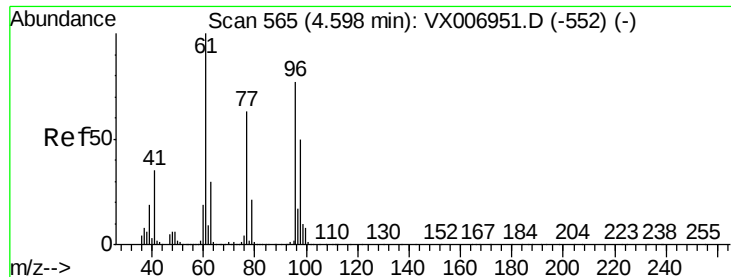
Tgt Ion: 77 Resp: 97450

Ion Ratio Lower Upper

77 100

97 26.2 12.4 37.4



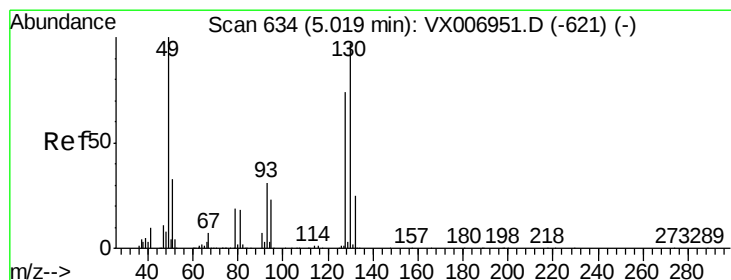
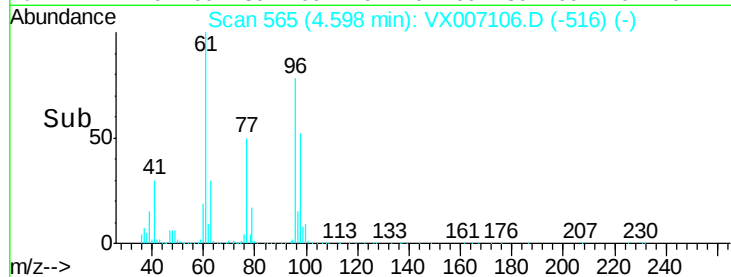
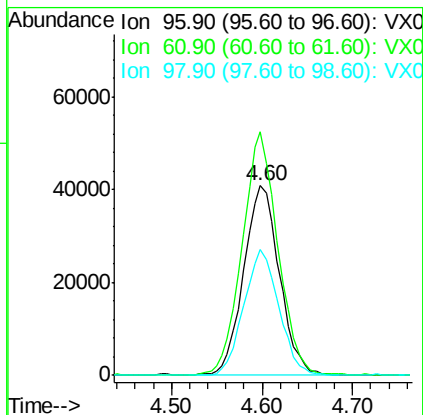
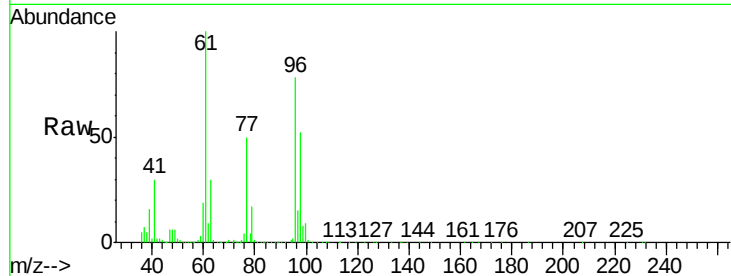


#27

cis-1,2-Dichloroethene
Concen: 19.372 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

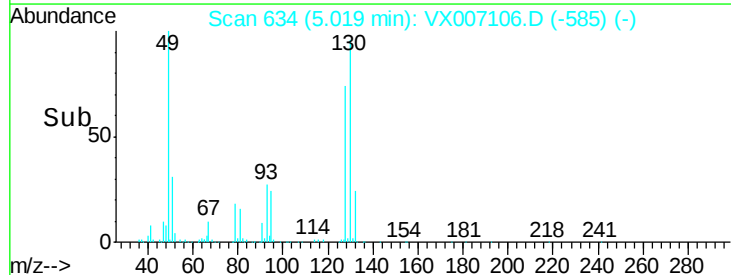
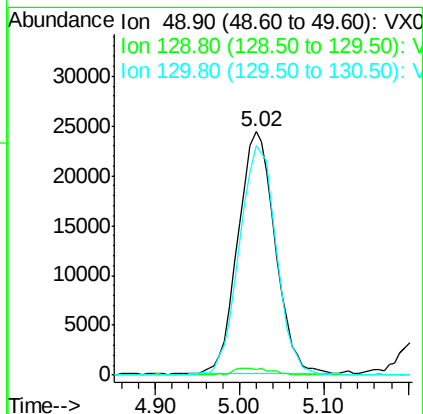
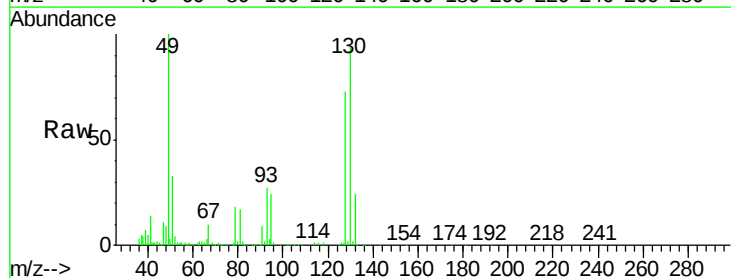
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	258.6
98	65.2	0.0	132.0

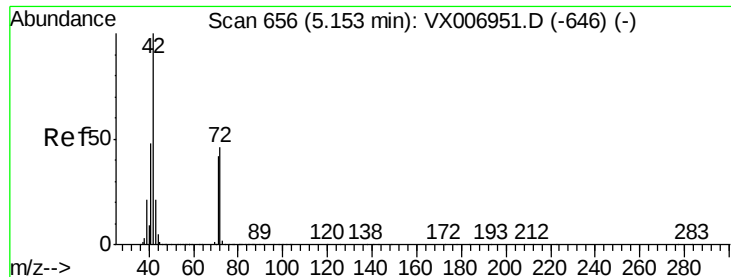


#28

Bromochloromethane
Concen: 19.652 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	94.3	77.7	116.5





#29

Tetrahydrofuran

Concen: 103.795 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

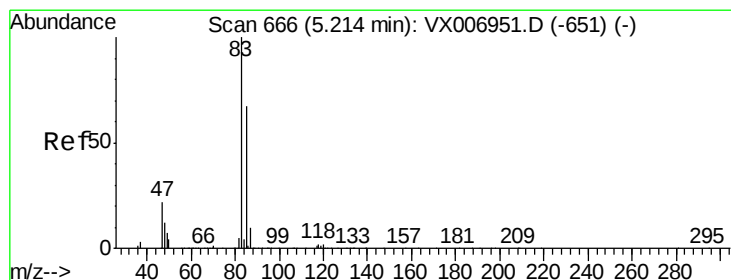
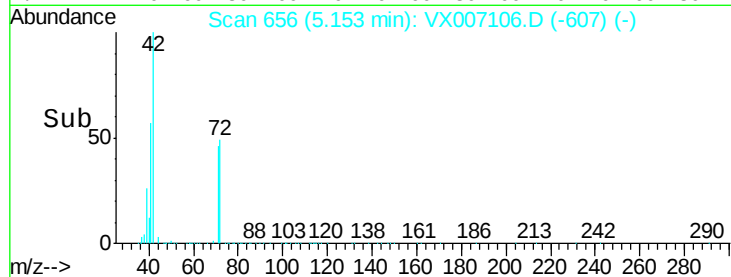
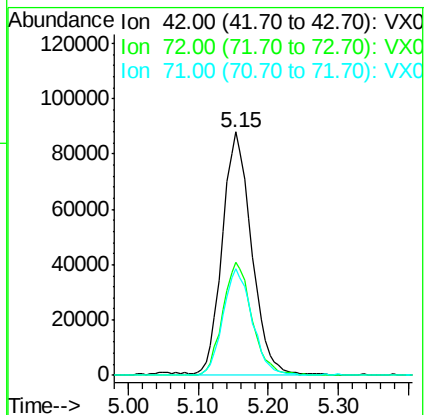
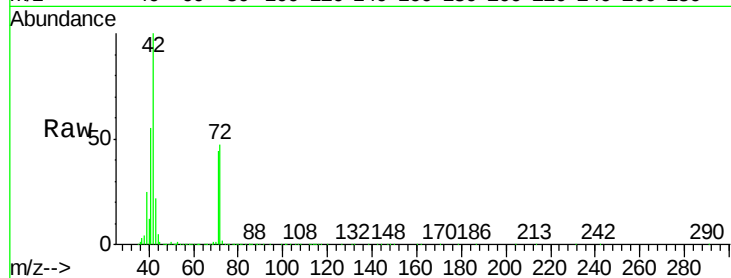
Tot Ion: 42 Resp: 254667

Ion Ratio Lower Upper

42 100

72 46.5 38.9 58.3

71 43.6 36.2 54.4



#30

Chloroform

Concen: 20.125 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007106.D

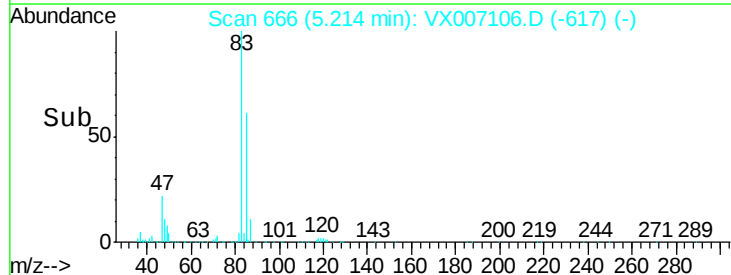
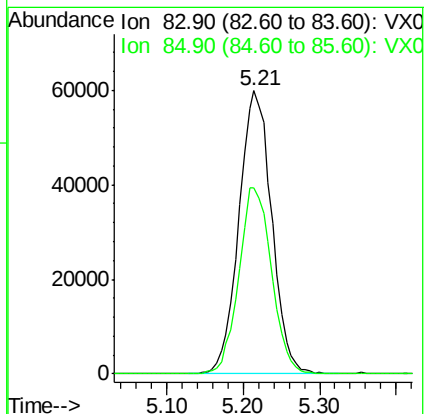
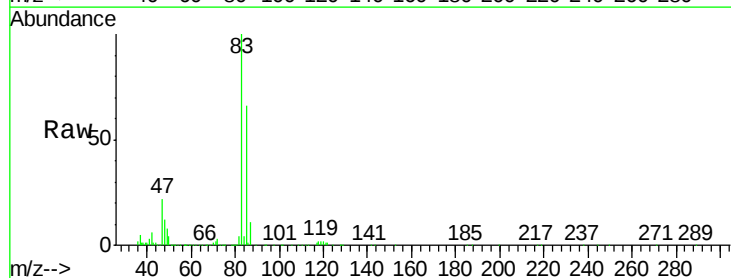
Acq: 17 Jan 2019 23:49

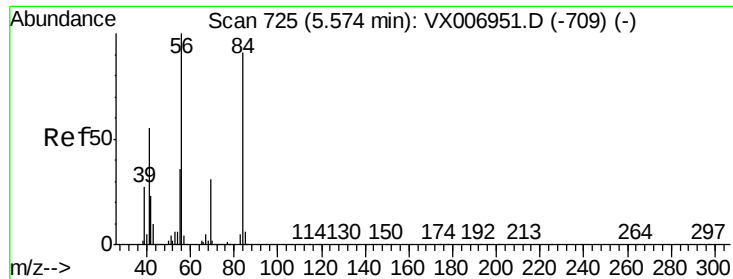
Tgt Ion: 83 Resp: 178182

Ion Ratio Lower Upper

83 100

85 65.5 51.2 76.8

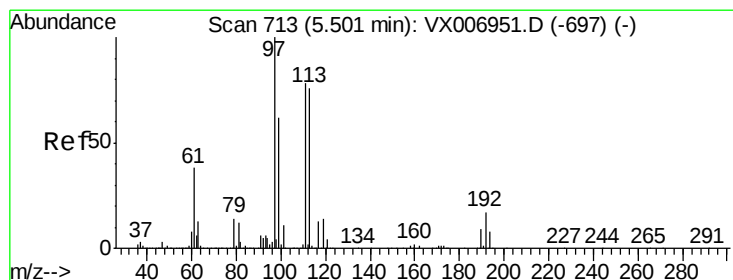
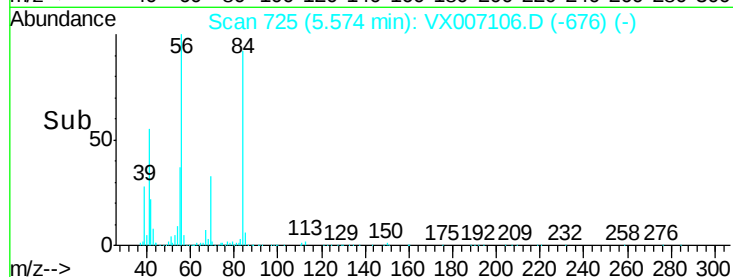
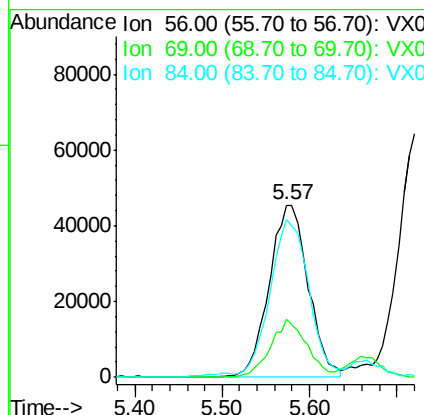
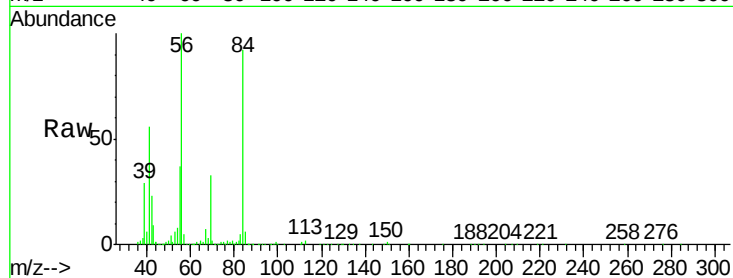




#31
Cyclohexane
Concen: 18.649 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

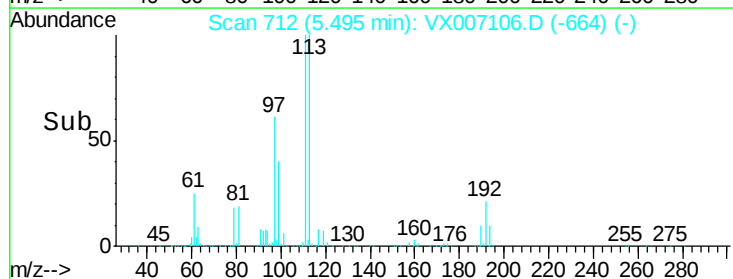
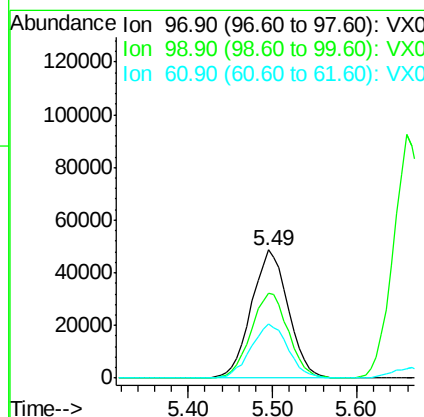
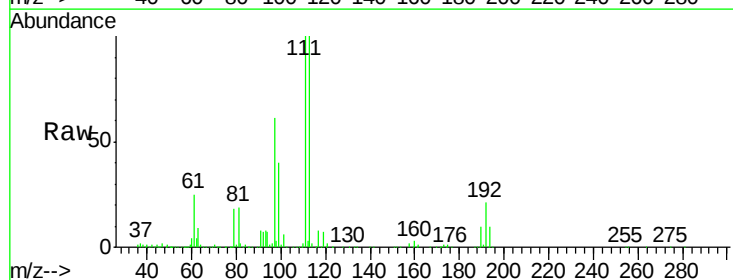
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

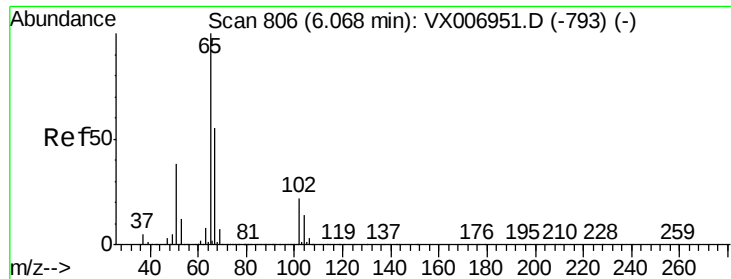
Tot Ion: 56 Resp: 140360
Ion Ratio Lower Upper
56 100
69 33.1 24.4 36.6
84 91.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.399 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion: 97 Resp: 145579
Ion Ratio Lower Upper
97 100
99 66.5 51.7 77.5
61 42.3 31.3 46.9

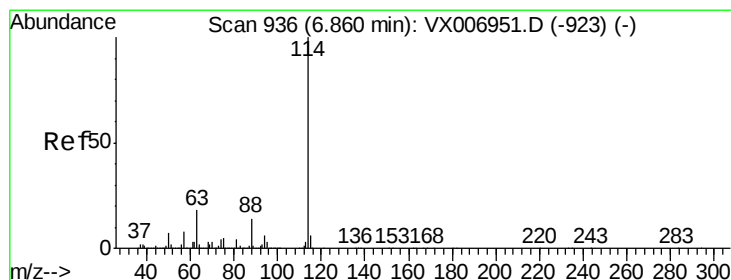
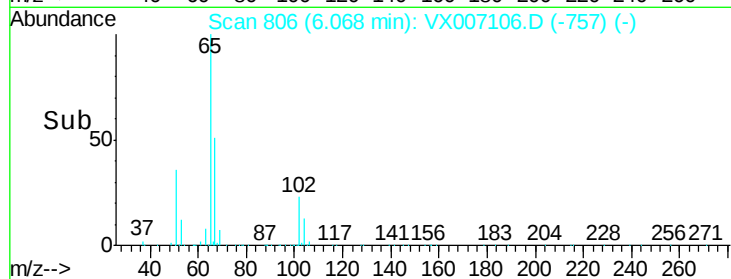
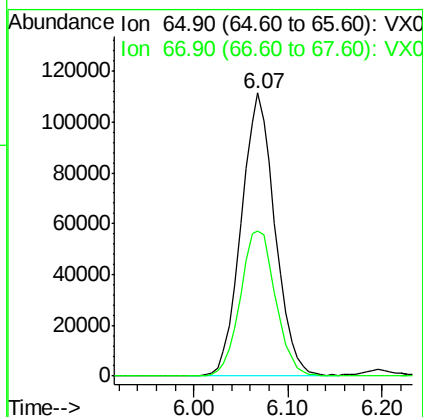
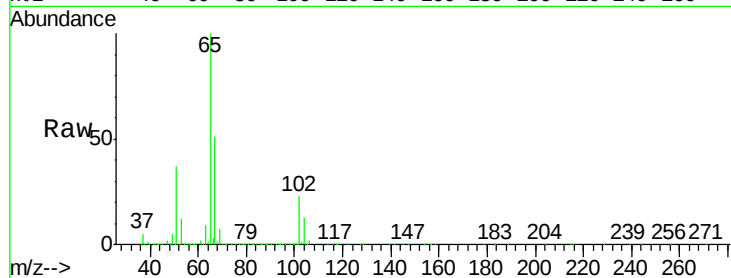




#33
 1,2-Dichloroethane-d4
 Concen: 52.235 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

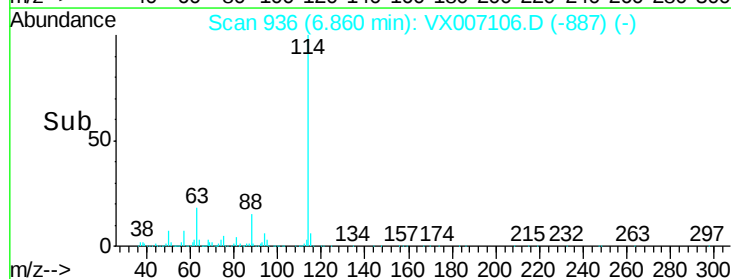
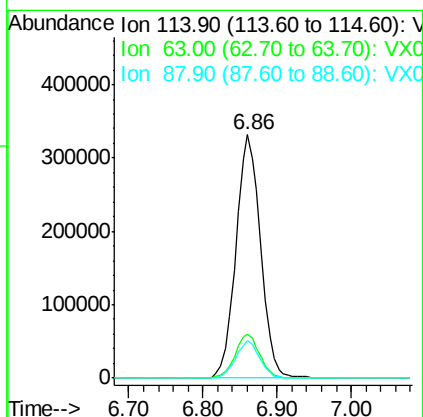
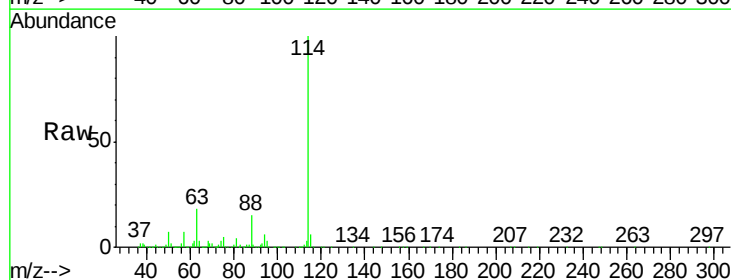
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

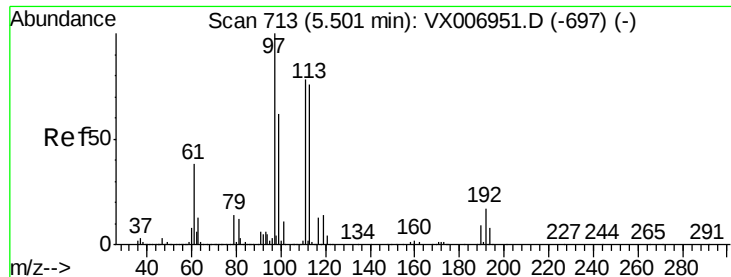
Tot Ion: 65 Resp: 278794
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Tgt Ion: 114 Resp: 767792
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.8
 88 15.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.354 ug/l

RT: 5.50 min Scan# 713

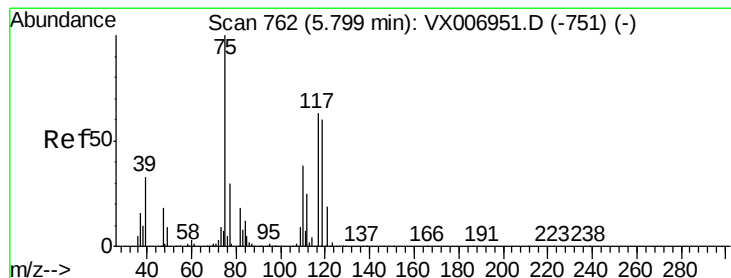
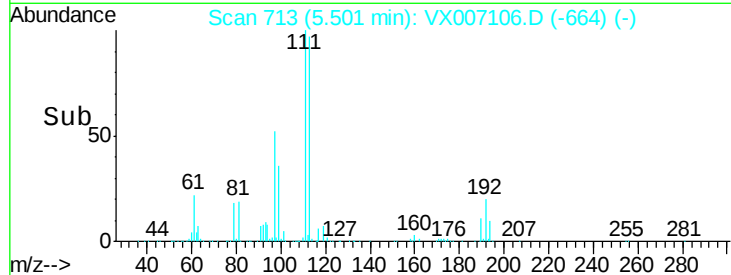
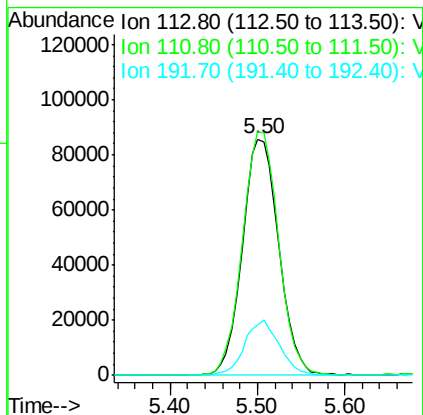
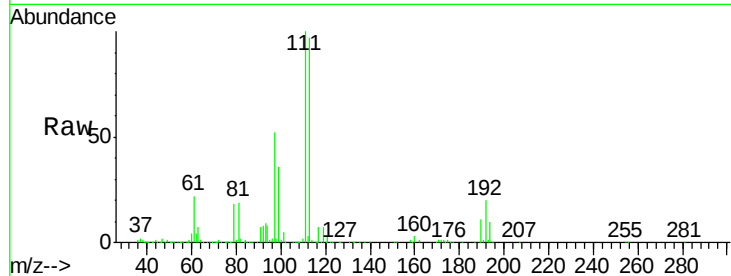
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion:113	Resp:	247585
Ion	Ratio	Lower Upper
113	100	
111	103.0	81.6 122.4
192	22.3	16.7 25.1



#36

1,1-Dichloropropene

Concen: 18.956 ug/l

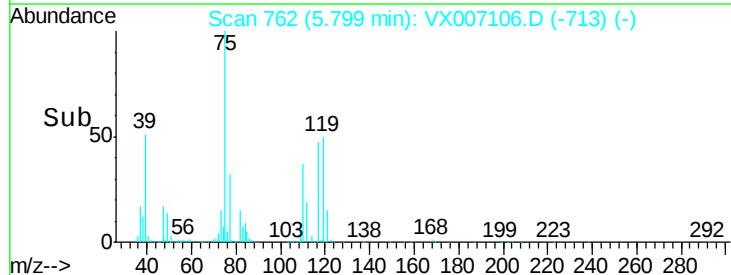
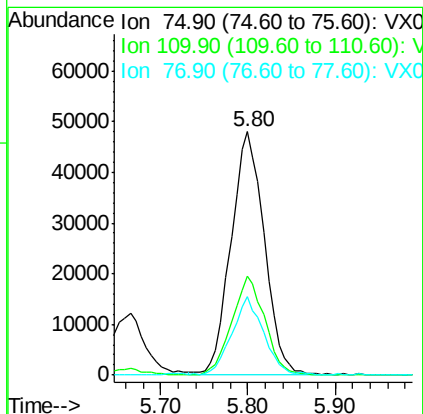
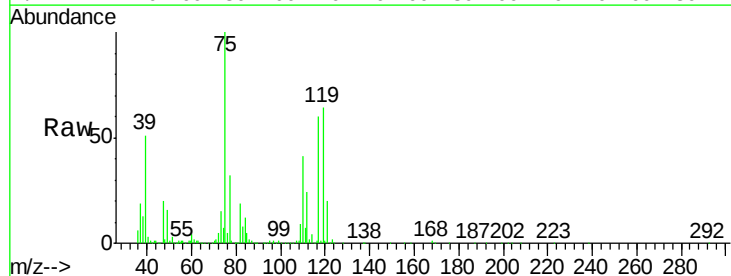
RT: 5.80 min Scan# 762

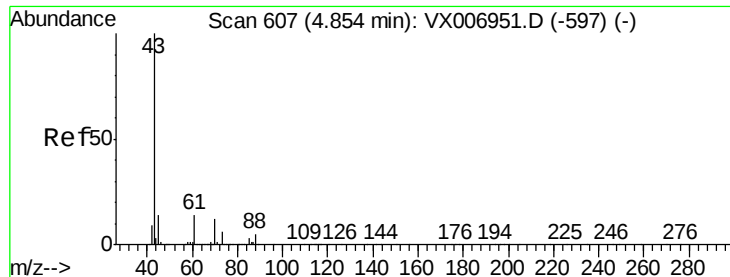
Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion: 75	Resp:	126534
Ion	Ratio	Lower Upper
75	100	
110	40.7	20.2 60.5
77	30.5	24.8 37.2

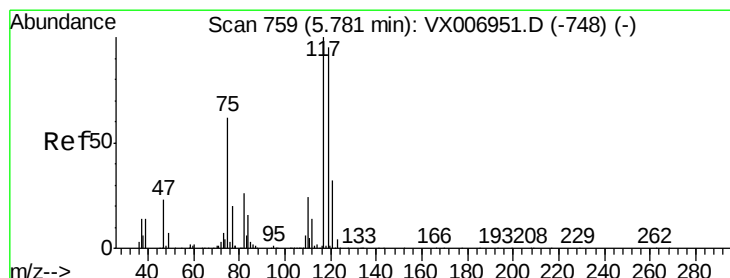
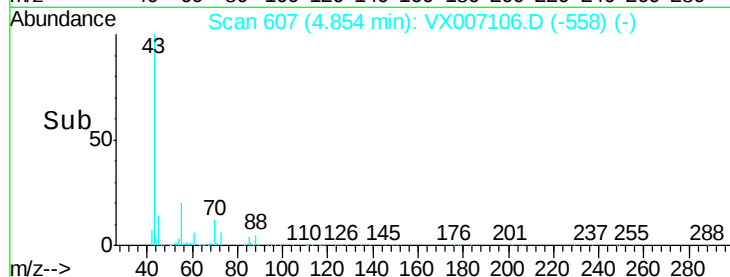
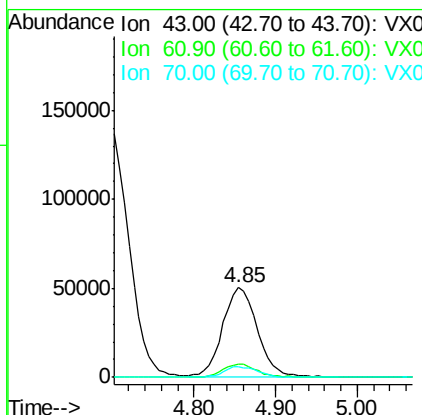
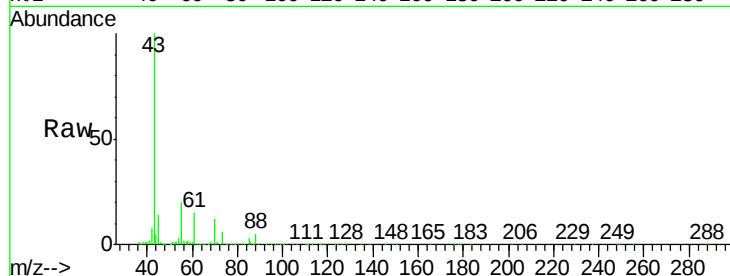




#37
Ethyl Acetate
Concen: 20.476 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

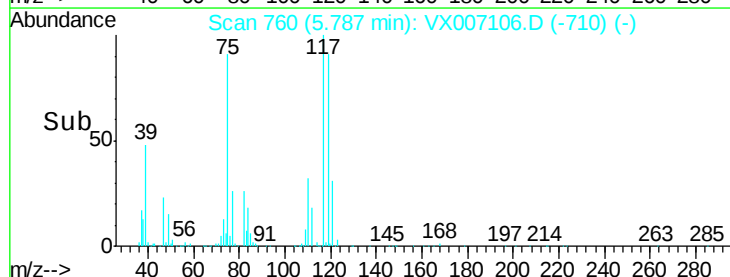
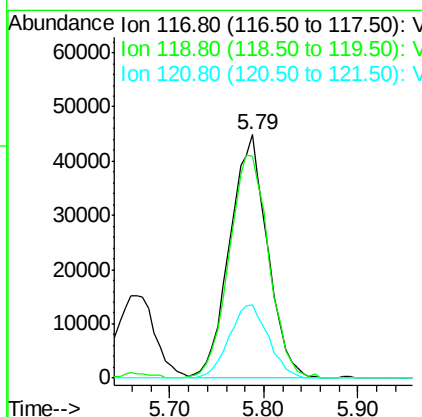
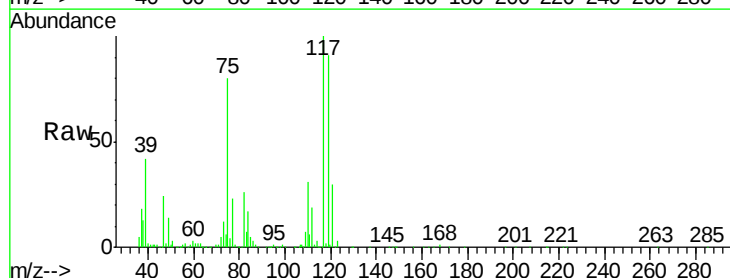
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

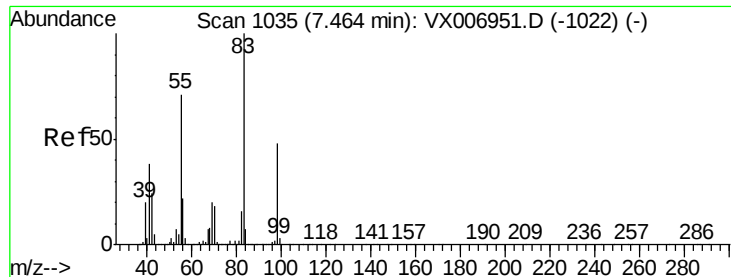
Tot Ion: 43 Resp: 146539
Ion Ratio Lower Upper
43 100
61 13.5 11.9 17.9
70 12.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.623 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion: 117 Resp: 125072
Ion Ratio Lower Upper
117 100
119 90.9 79.4 119.2
121 30.2 24.0 36.0

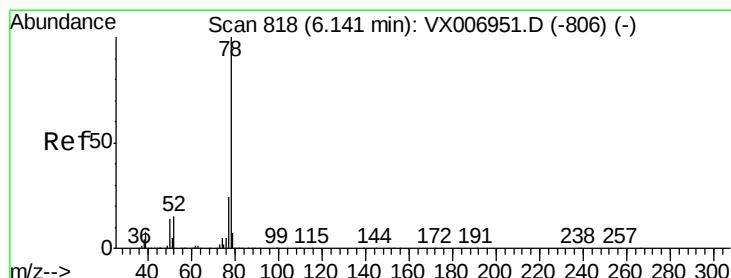
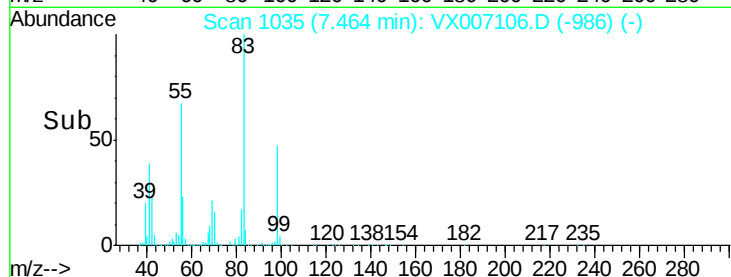
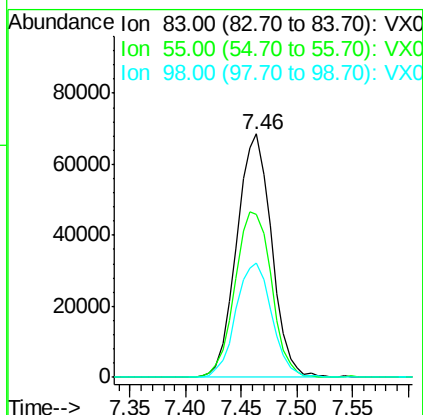
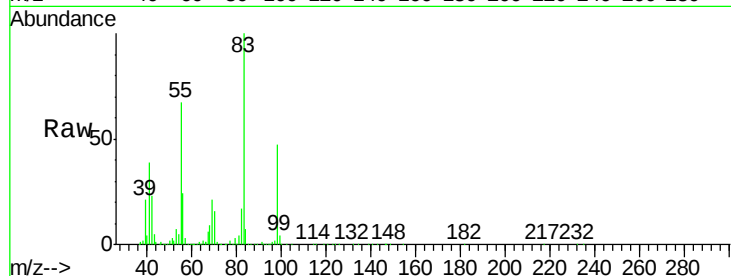




#39
Methvlcvclohexane
Concen: 17.536 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

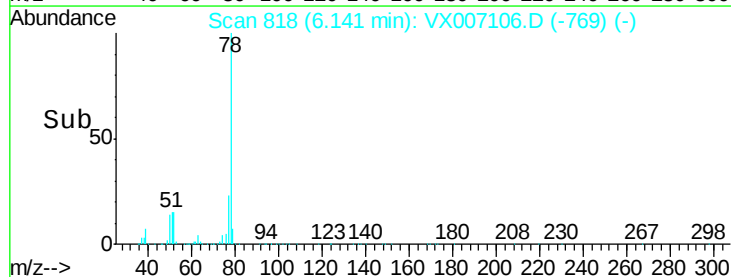
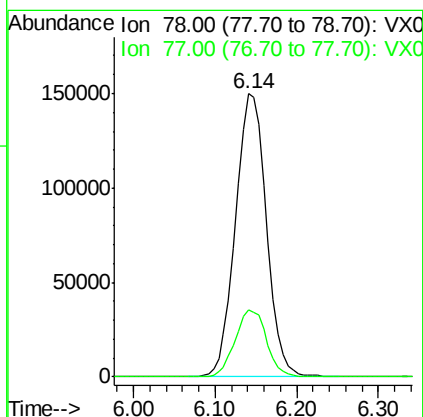
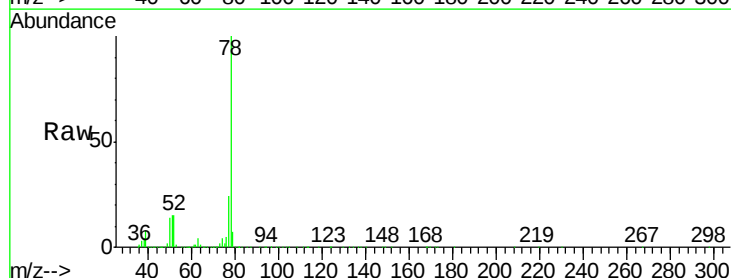
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

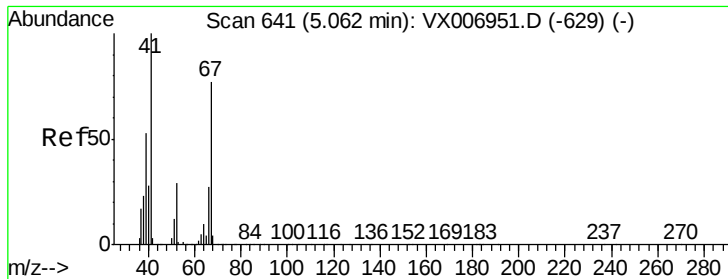
Tot Ion: 83 Resp: 149228
Ion Ratio Lower Upper
83 100
55 66.9 54.9 82.3
98 46.7 37.9 56.9



#40
Benzene
Concen: 19.293 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion: 78 Resp: 392973
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 19.092 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion: 41 Resp: 78711

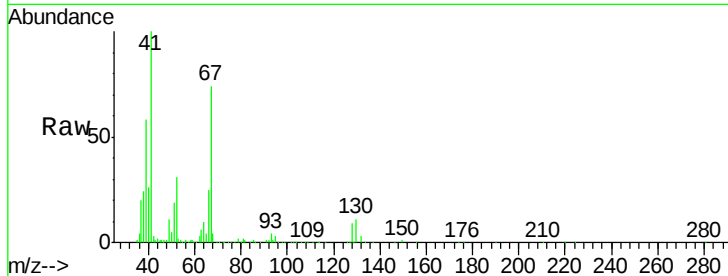
Ion Ratio Lower Upper

41 100

39 55.1 42.8 64.2

67 77.2 62.1 93.1

52 32.5 23.4 35.0

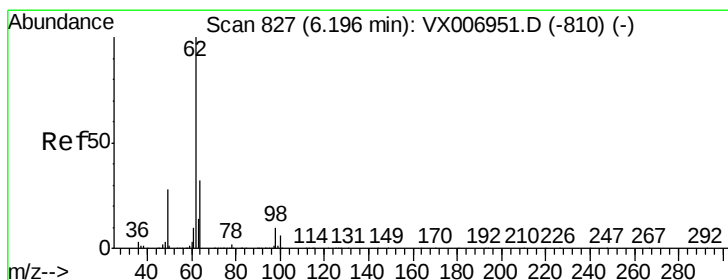
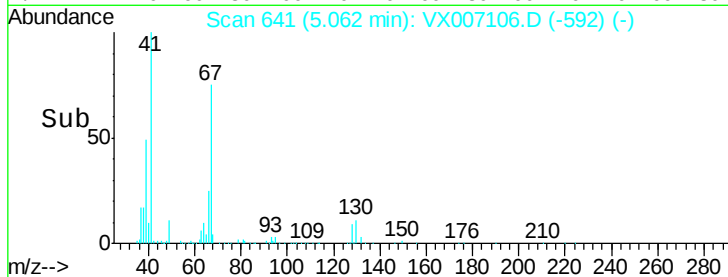
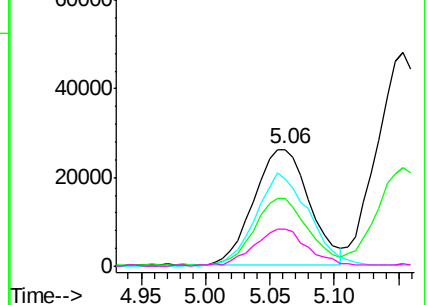


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.323 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007106.D

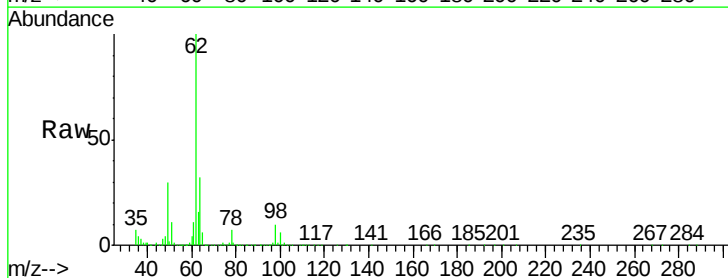
Acq: 17 Jan 2019 23:49

Tgt Ion: 62 Resp: 136008

Ion Ratio Lower Upper

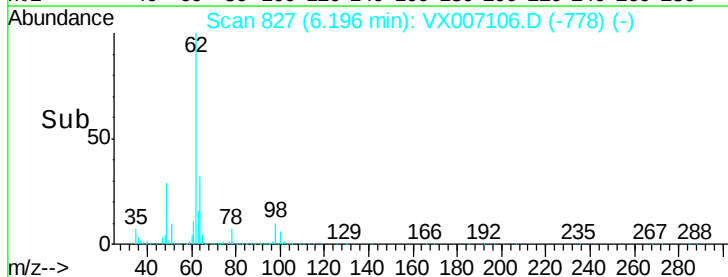
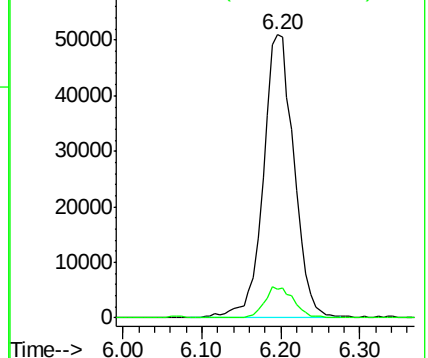
62 100

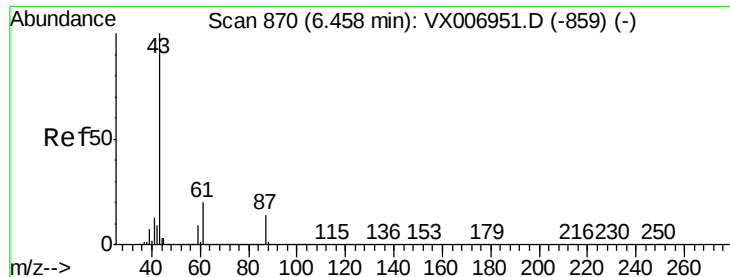
98 10.6 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



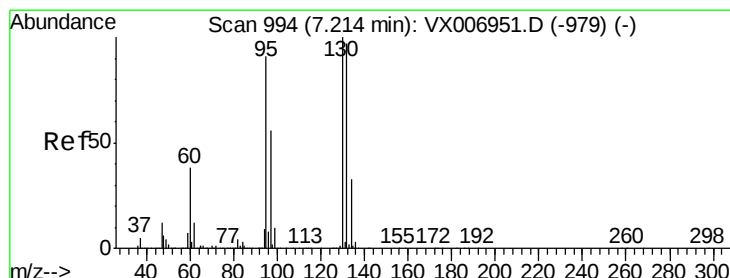
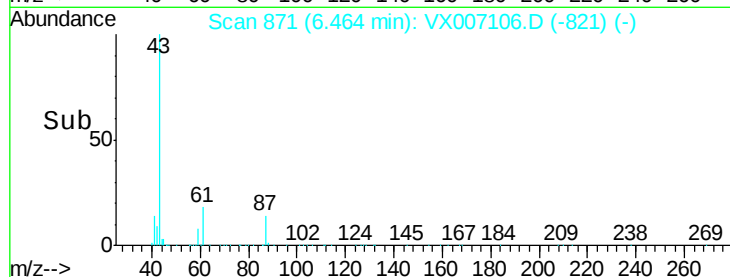
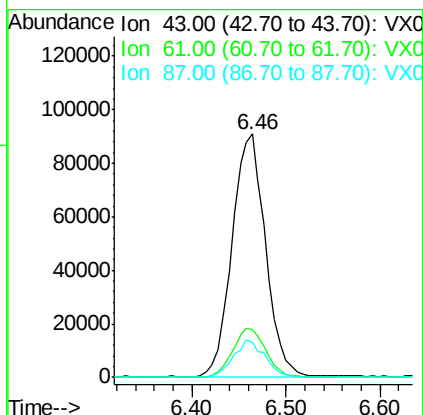
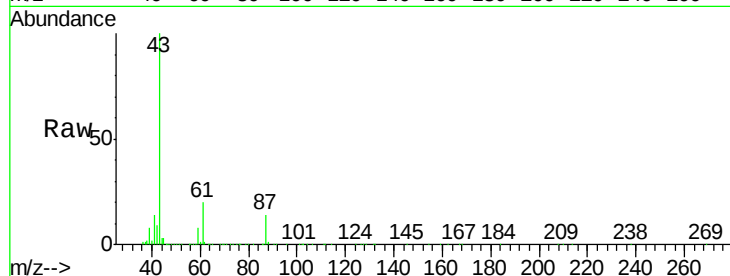


#43

Isopropyl Acetate
 Concen: 19.857 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

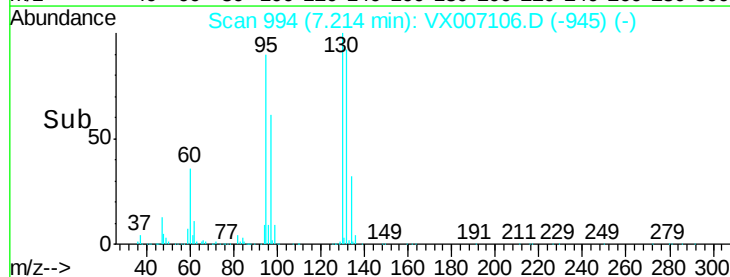
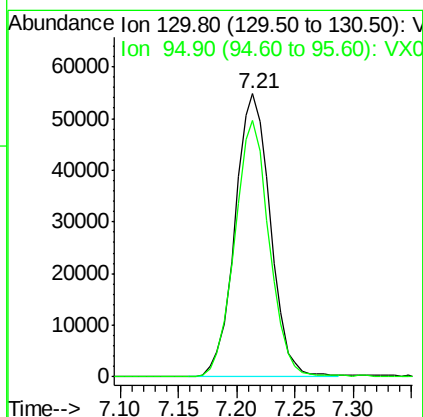
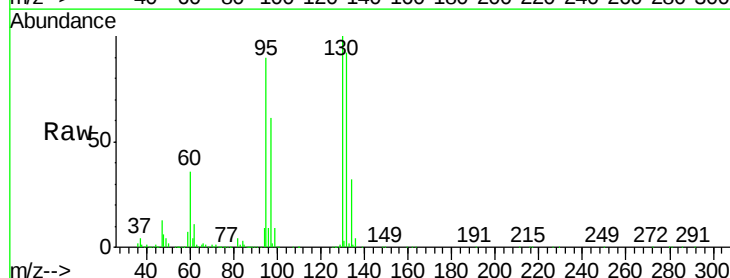
Tot Ion	43	Resp	224159
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.8	25.2
87	14.9	12.4	18.6

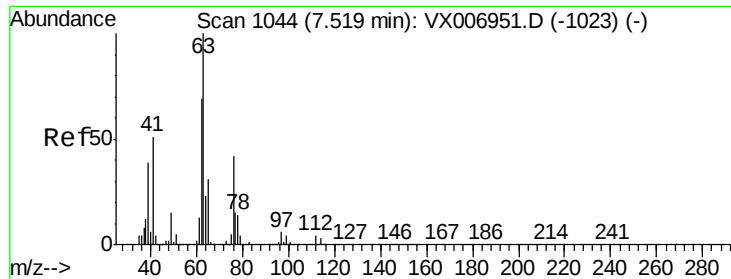


#44

Trichloroethene
 Concen: 19.000 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Tgt Ion	130	Resp	115971
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
130	100		
95	90.5	0.0	187.0





#45

1,2-Dichloropropane

Concen: 19.798 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

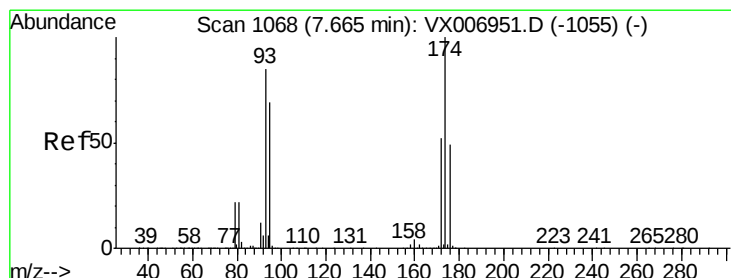
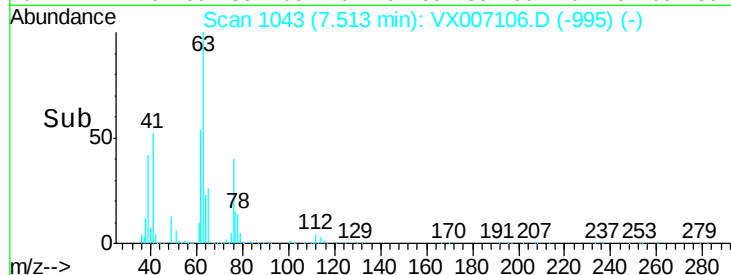
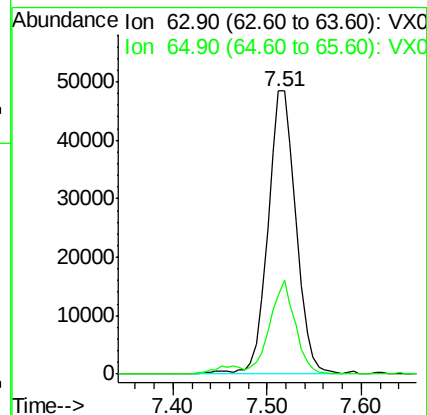
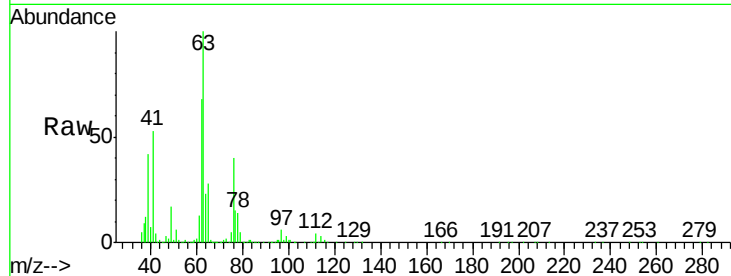
VX0117WBSD02

Tot Ion: 63 Resp: 101379

Ion Ratio Lower Upper

63 100

65 27.7 25.4 38.0



#46

Dibromomethane

Concen: 19.706 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

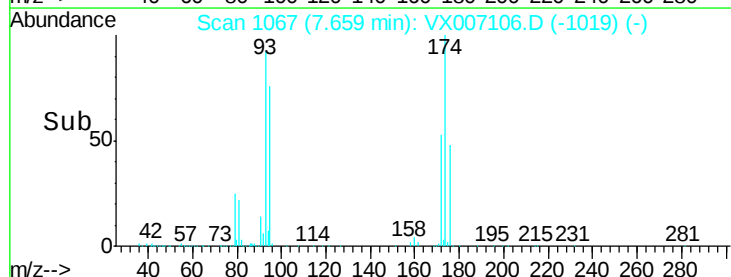
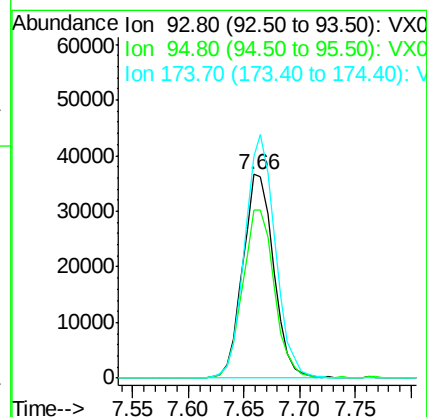
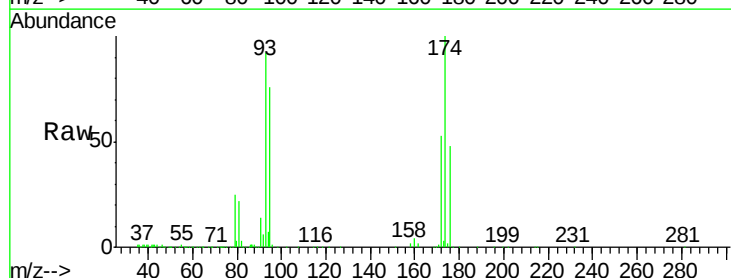
Tgt Ion: 93 Resp: 70917

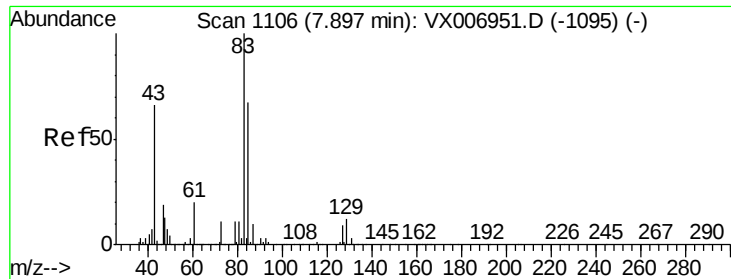
Ion Ratio Lower Upper

93 100

95 84.6 66.2 99.4

174 117.1 91.0 136.4





#47

Bromodichloromethane

Concen: 19.496 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

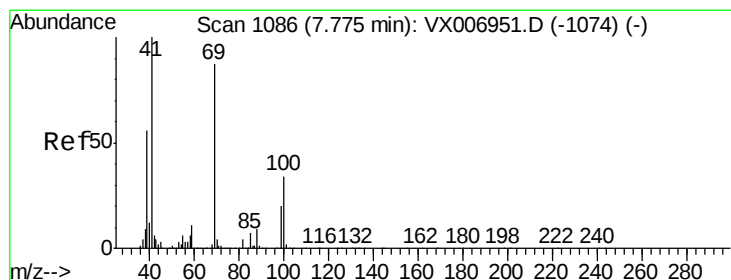
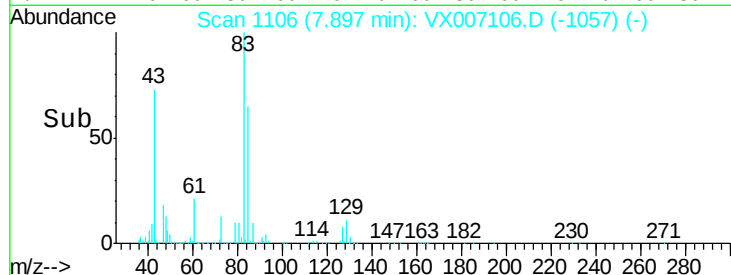
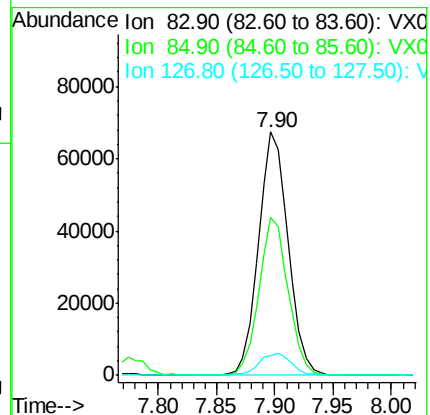
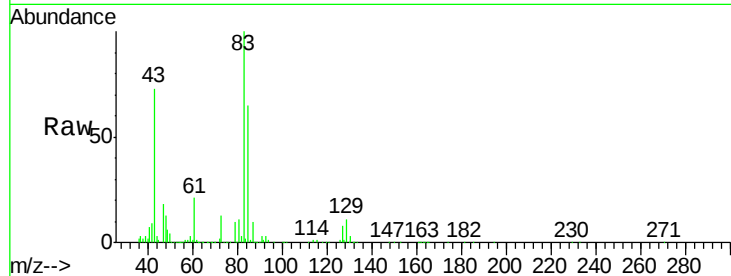
Tot Ion: 83 Resp: 119429

Ion Ratio Lower Upper

83 100

85 65.0 53.2 79.8

127 8.3 7.8 11.6



#48

Methyl methacrylate

Concen: 19.960 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

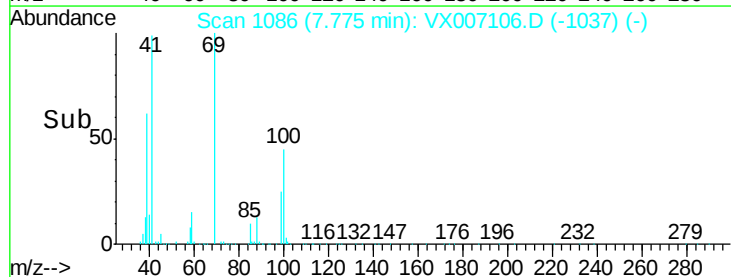
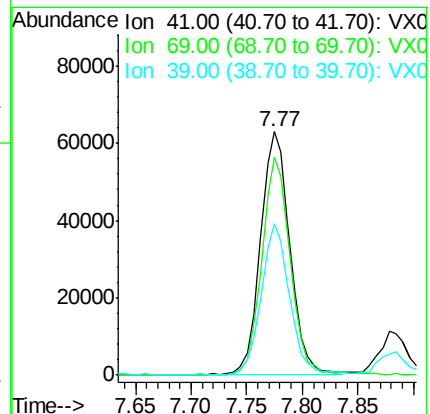
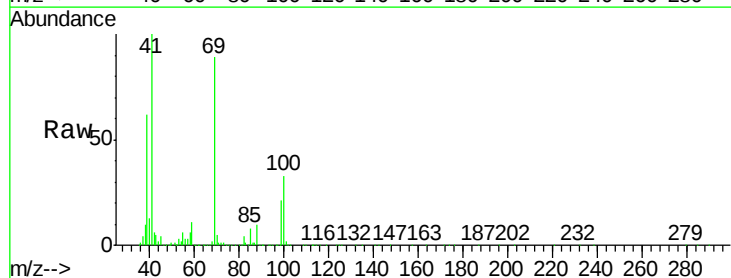
Tgt Ion: 41 Resp: 115707

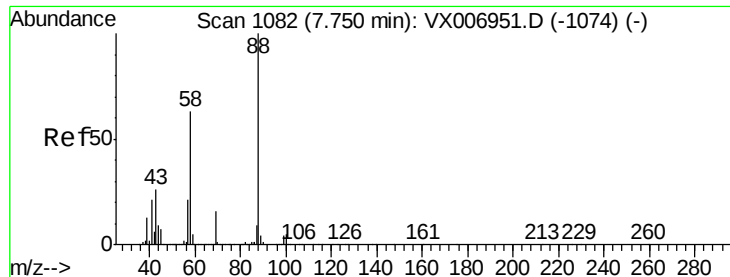
Ion Ratio Lower Upper

41 100

69 87.5 72.4 108.6

39 59.0 45.8 68.8

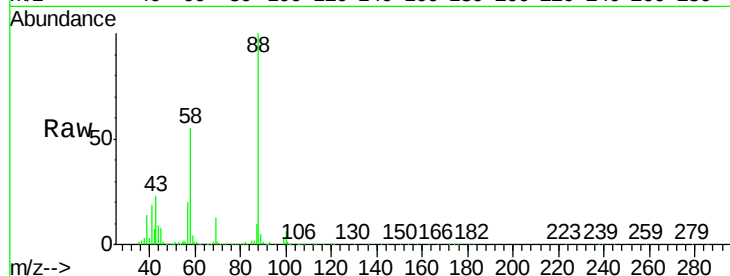




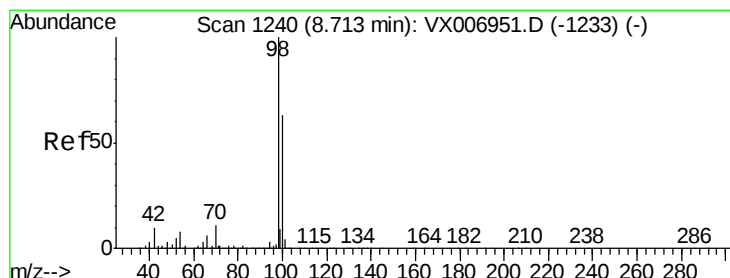
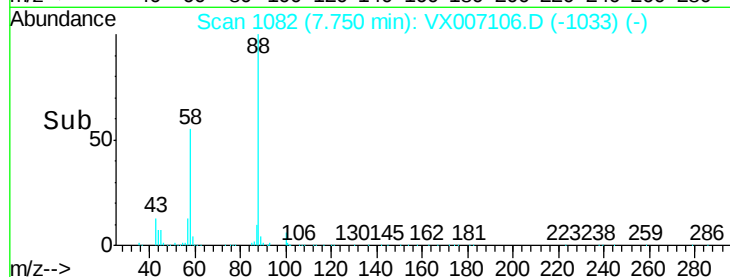
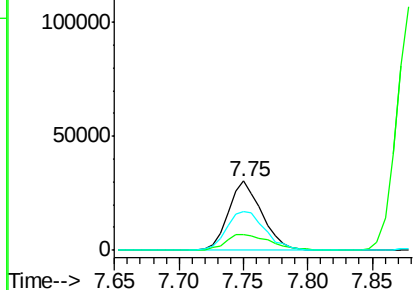
#49
1,4-Dioxane
Concen: 414.267 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	22.2	33.4
58	63.3	51.0	76.4

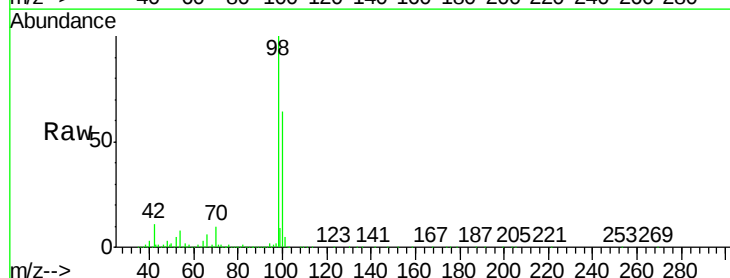


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

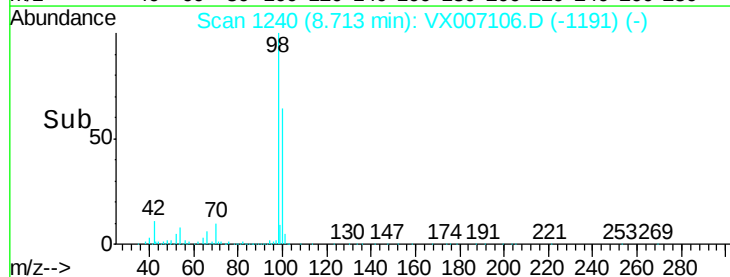
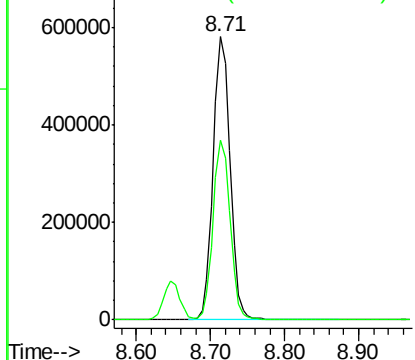


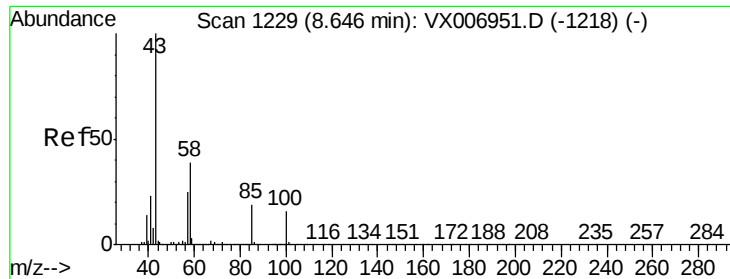
#50
Toluene-d8
Concen: 50.755 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	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: 104.942 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

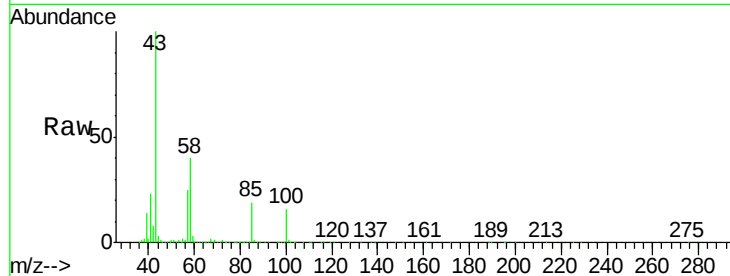
VX0117WBSD02

Tot Ion: 43 Resp: 761318

Ion Ratio Lower Upper

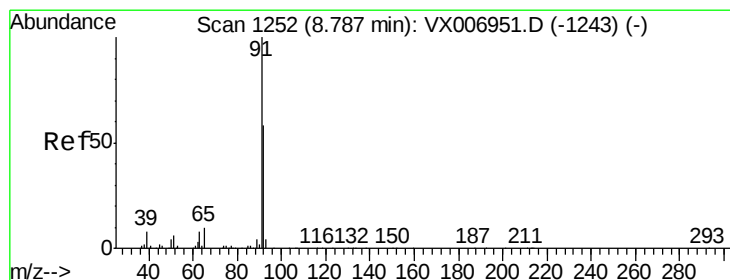
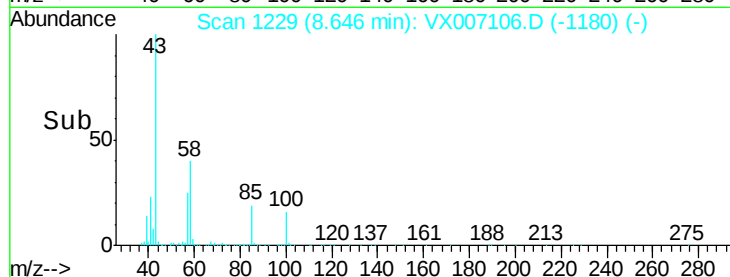
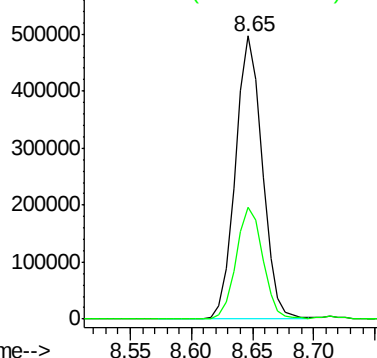
43 100

58 39.4 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.026 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007106.D

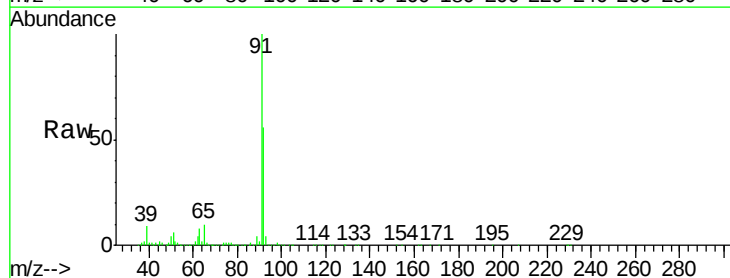
Acq: 17 Jan 2019 23:49

Tgt Ion: 92 Resp: 249072

Ion Ratio Lower Upper

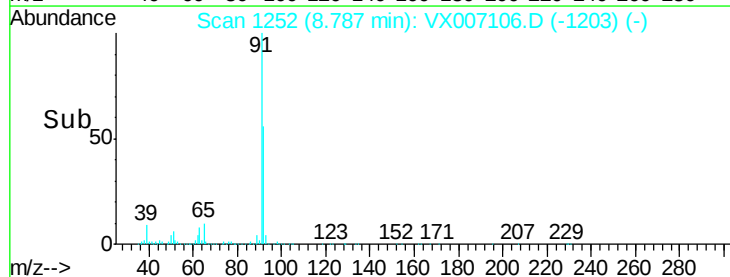
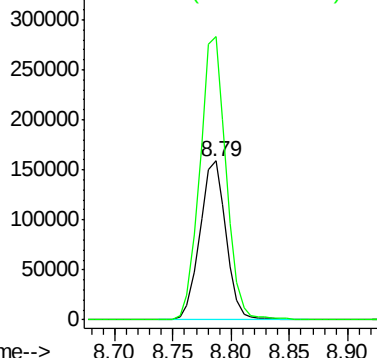
92 100

91 179.1 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.991 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

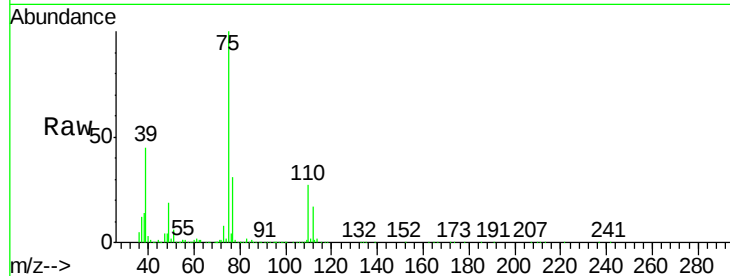
VX0117WBSD02

Tot Ion: 75 Resp: 122209

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

80000

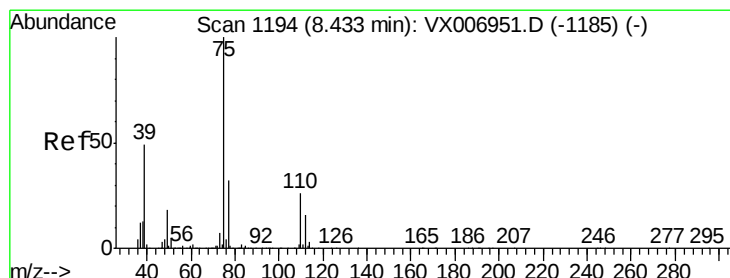
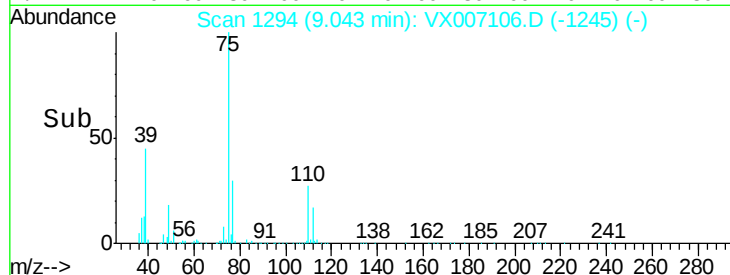
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.683 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

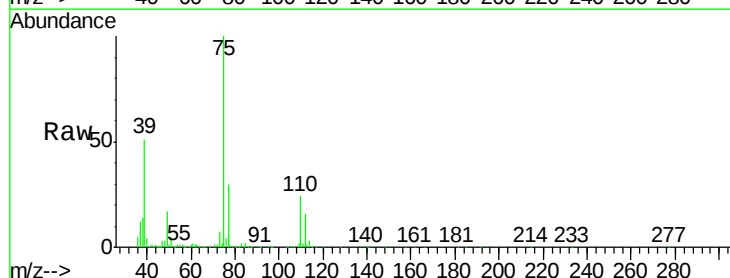
Tgt Ion: 75 Resp: 140151

Ion Ratio Lower Upper

75 100

77 30.4 26.2 39.2

39 50.7 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

8.43

120000

100000

80000

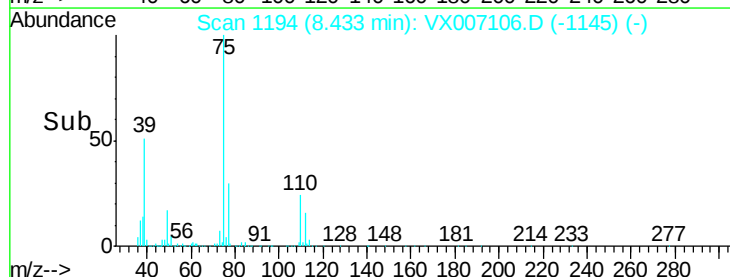
60000

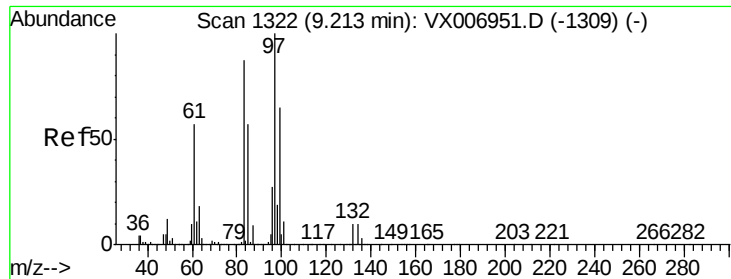
40000

20000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 20.630 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

Tot Ion: 97 Resp: 108100

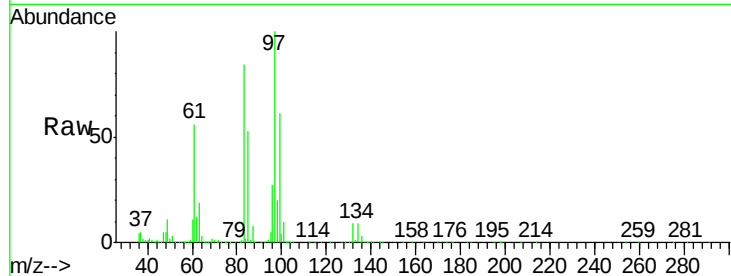
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.6	99.8
85	53.5	42.7	64.1
99	60.9	50.8	76.2

97 100

83 83.6 66.6 99.8

85 53.5 42.7 64.1

99 60.9 50.8 76.2



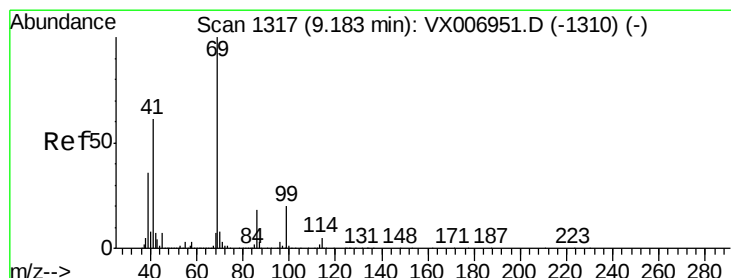
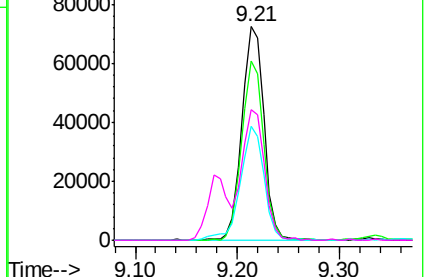
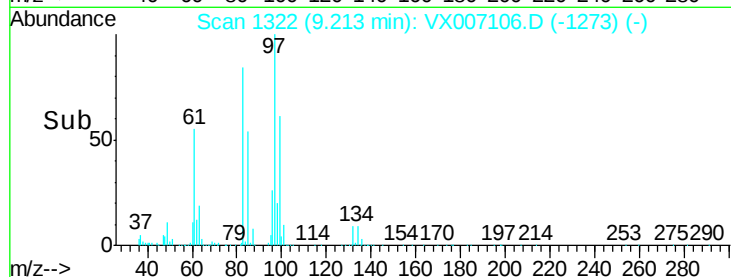
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

Time-->



#56

Ethyl methacrylate

Concen: 20.020 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

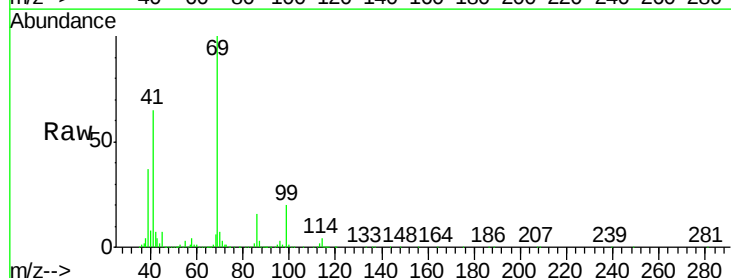
Tgt Ion: 69 Resp: 153149

Ion	Ratio	Lower	Upper
69	100		
41	63.7	48.7	73.1
39	37.5	27.0	40.6

69 100

41 63.7 48.7 73.1

39 37.5 27.0 40.6

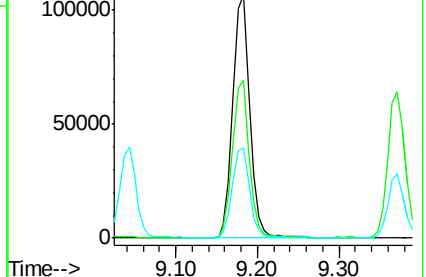
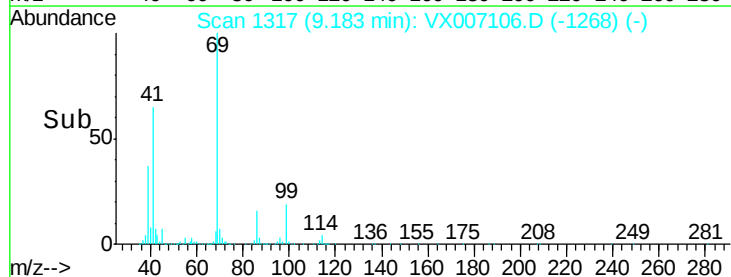


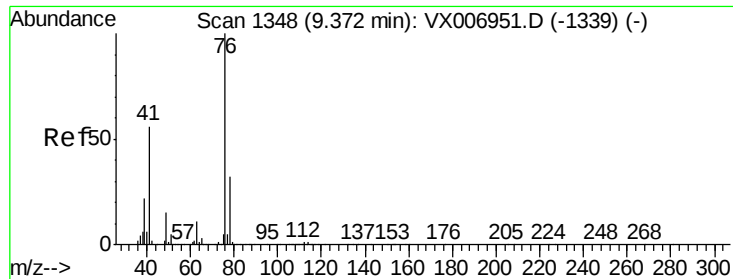
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->





#57

1,3-Dichloropropane

Concen: 20.240 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

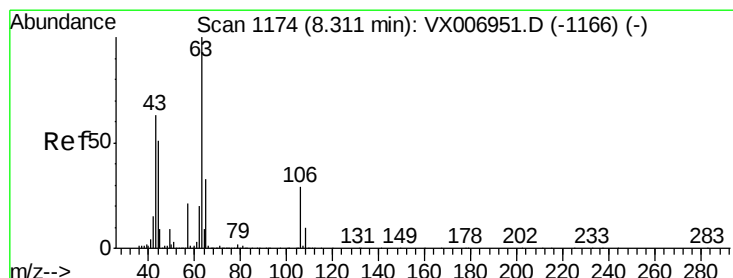
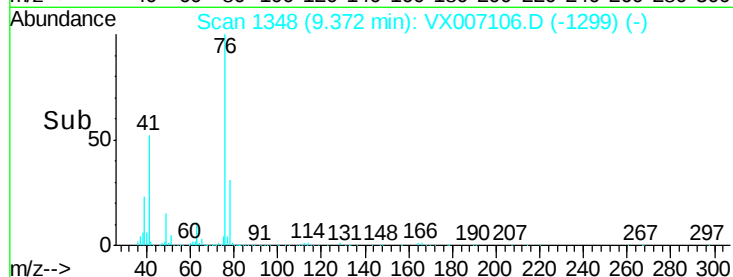
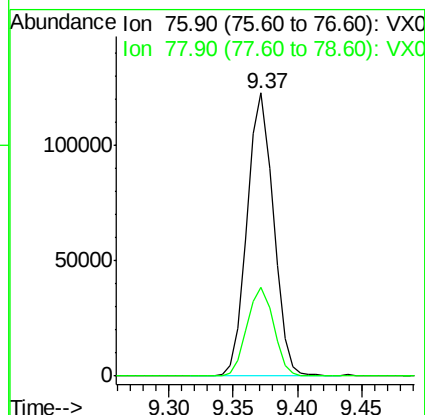
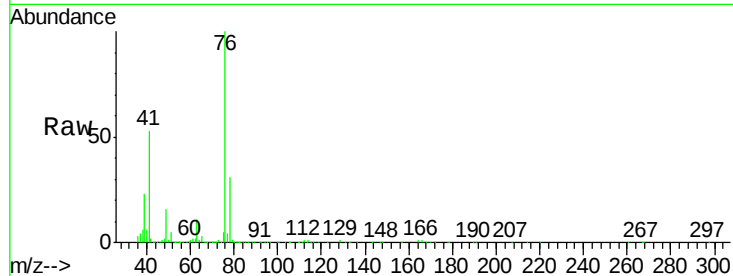
VX0117WBSD02

Tot Ion: 76 Resp: 173750

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.995 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007106.D

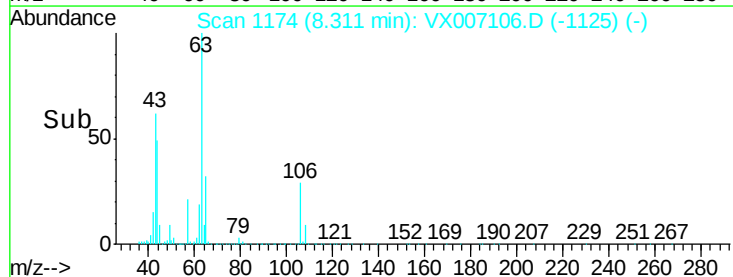
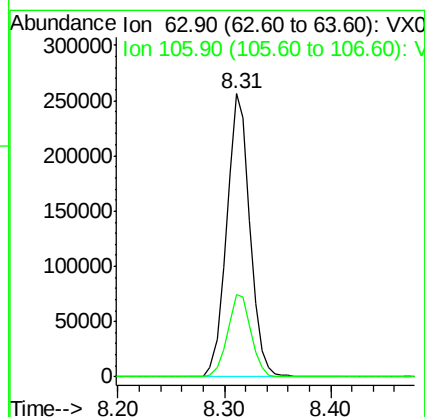
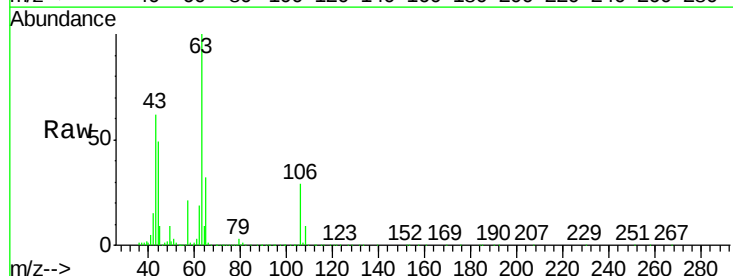
Acq: 17 Jan 2019 23:49

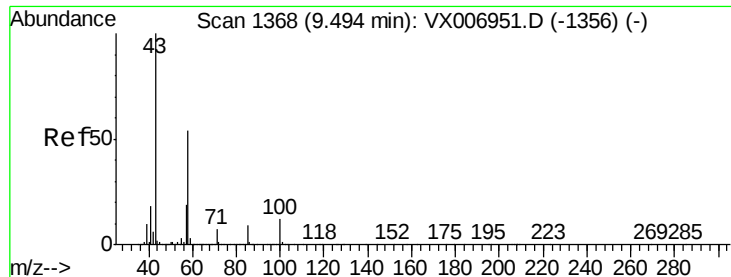
Tgt Ion: 63 Resp: 389364

Ion Ratio Lower Upper

63 100

106 29.7 24.6 36.8

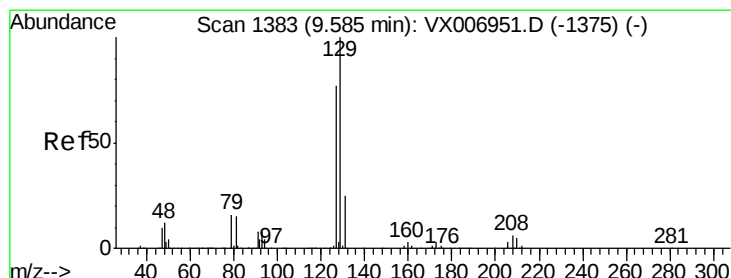
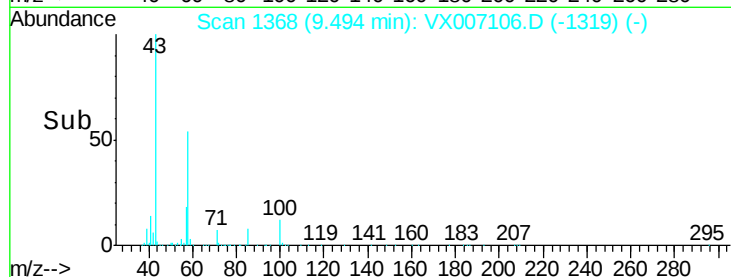
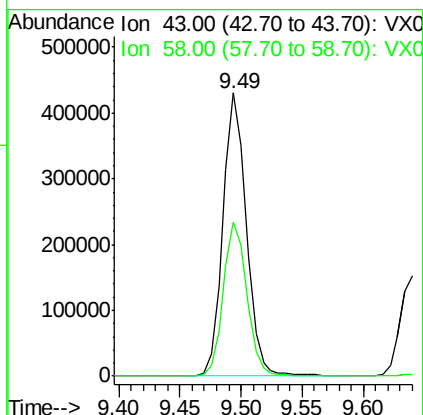
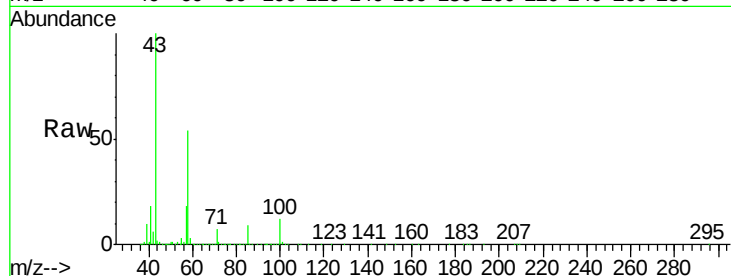




#59
2-Hexanone
Concen: 103.643 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

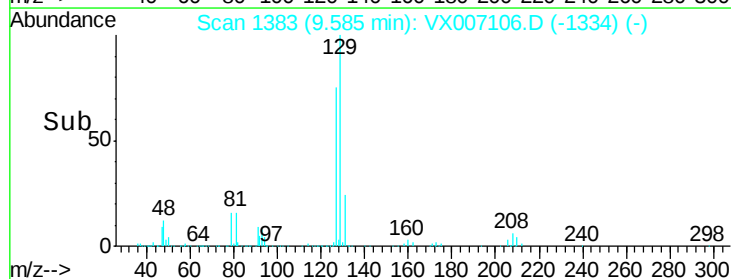
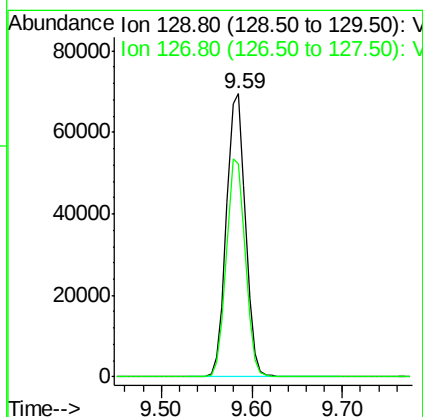
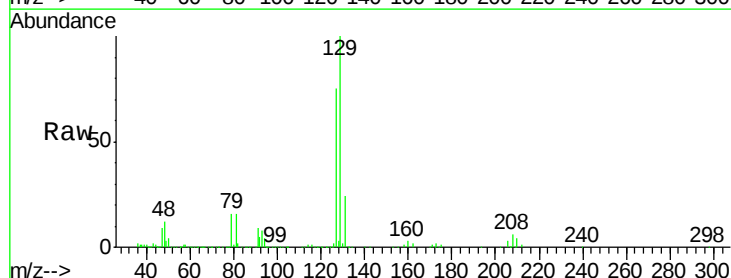
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

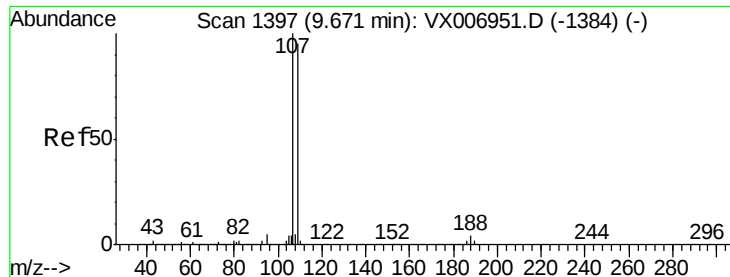
Tot Ion: 43 Resp: 572988
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1



#60
Dibromochloromethane
Concen: 19.969 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion: 129 Resp: 101609
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.699 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

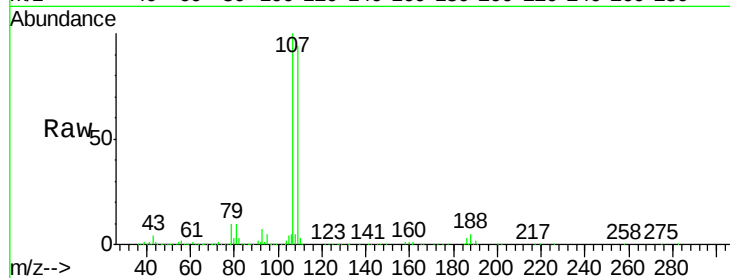
VX0117WBSD02

Tot Ion:107 Resp: 113636

Ion Ratio Lower Upper

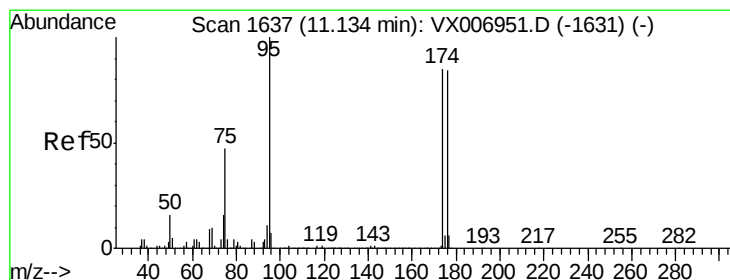
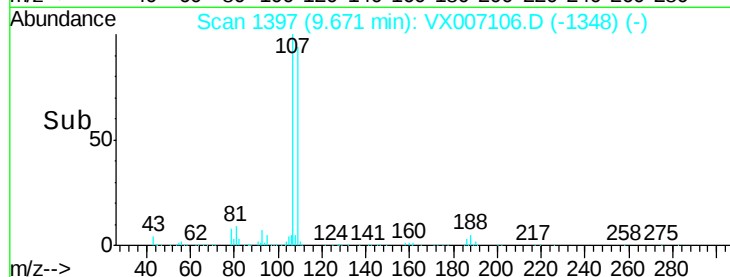
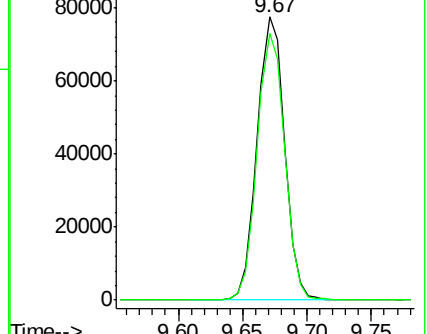
107 100

109 94.7 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: 50.798 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

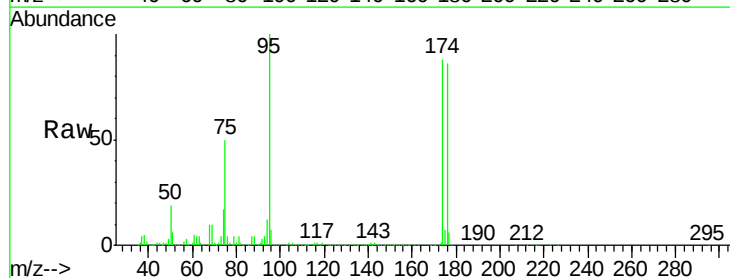
Tgt Ion: 95 Resp: 318725

Ion Ratio Lower Upper

95 100

174 94.6 0.0 182.2

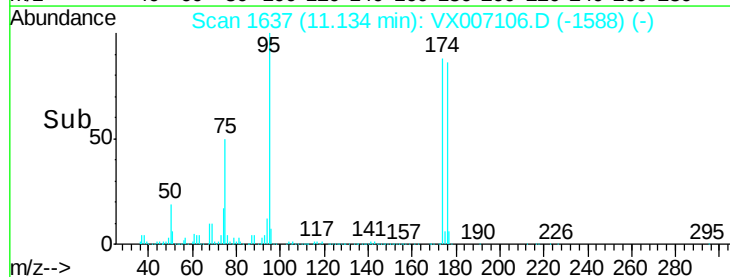
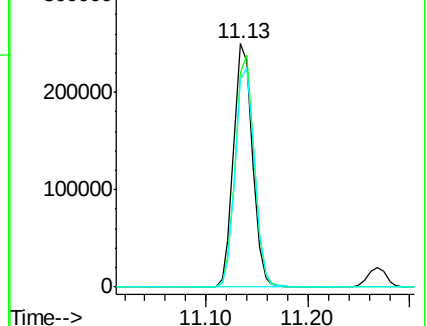
176 91.9 0.0 178.8

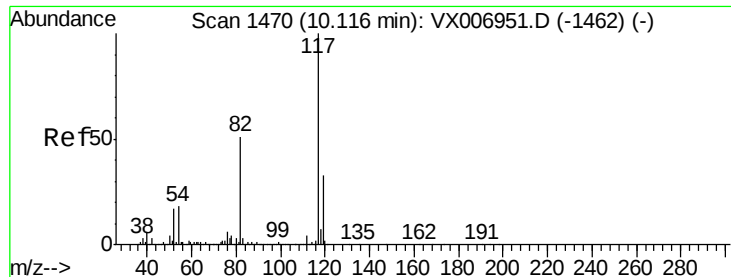


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

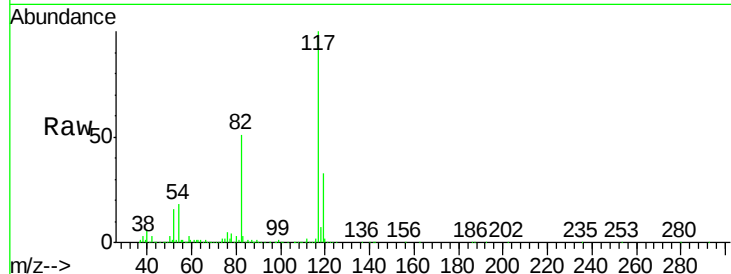
Tot Ion:117 Resp: 684990

Ion Ratio Lower Upper

117 100

82 51.0 41.0 61.6

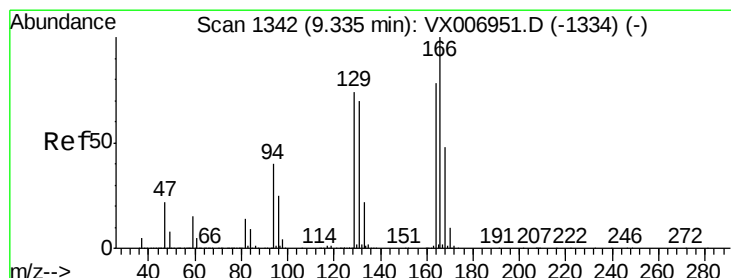
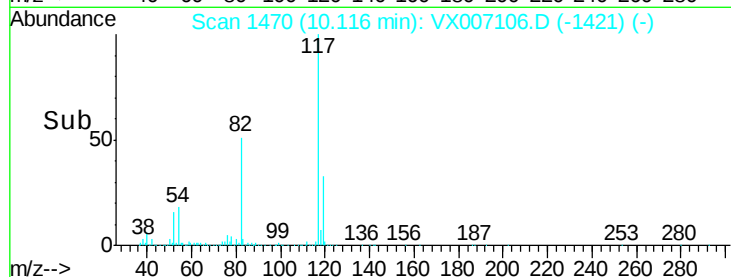
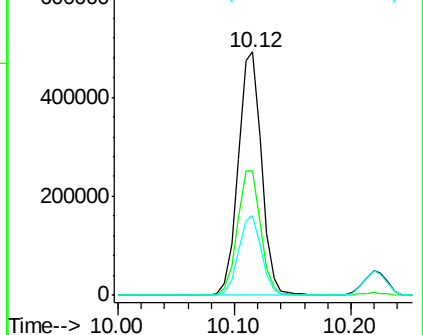
119 32.7 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.938 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion:164 Resp: 118242

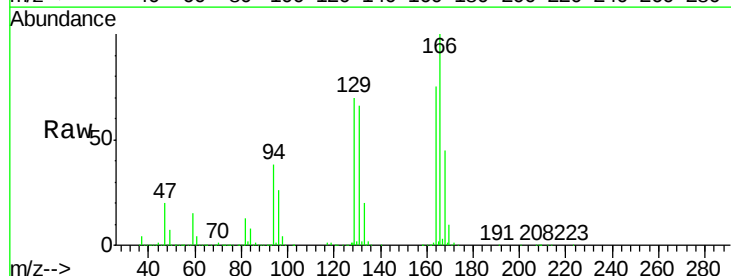
Ion Ratio Lower Upper

164 100

166 133.0 102.5 153.7

129 93.0 75.1 112.7

131 87.5 72.7 109.1

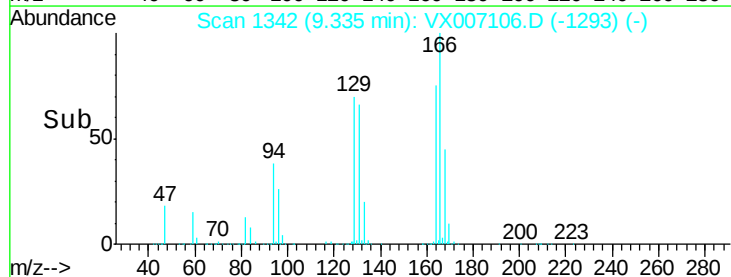
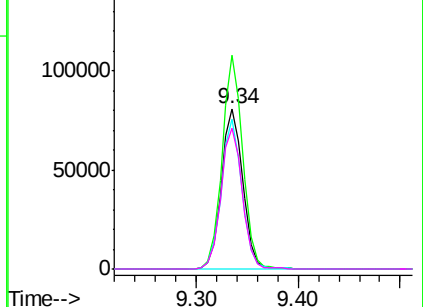


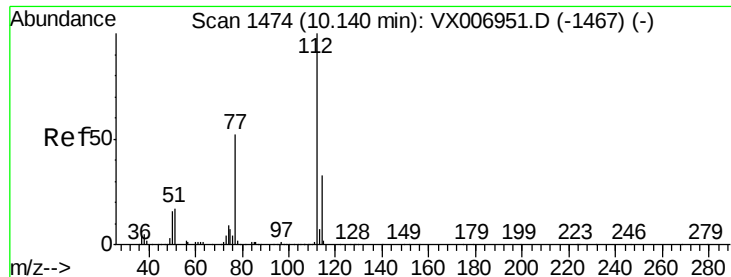
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.550 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

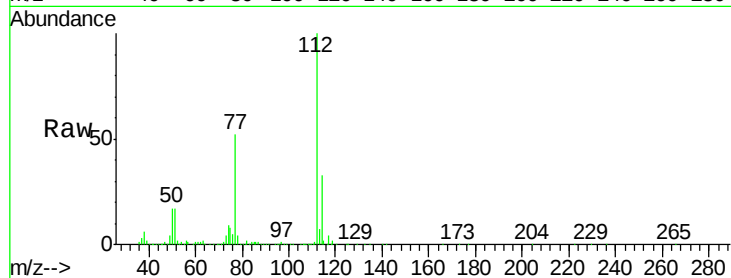
VX0117WBSD02

Tot Ion:112 Resp: 292081

Ion Ratio Lower Upper

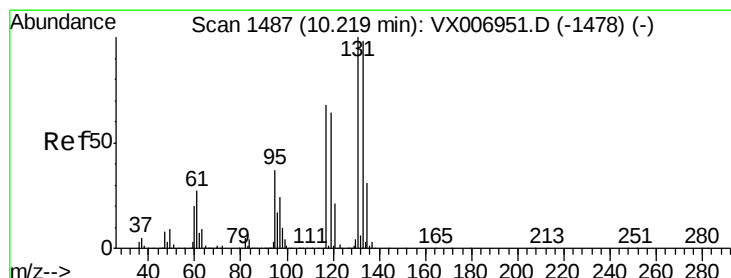
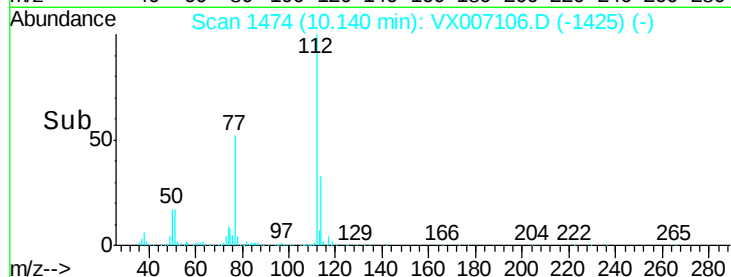
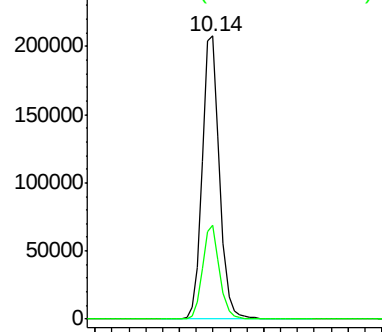
112 100

114 33.3 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: 20.168 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

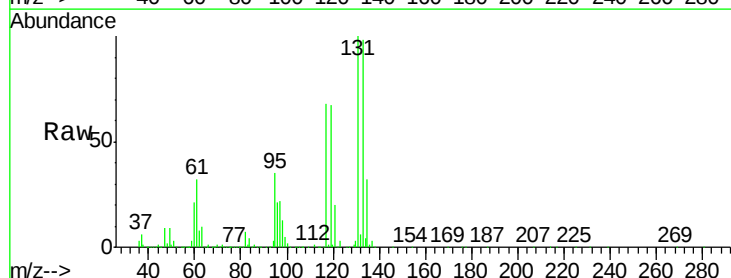
Tgt Ion:131 Resp: 101359

Ion Ratio Lower Upper

131 100

133 96.8 48.0 144.2

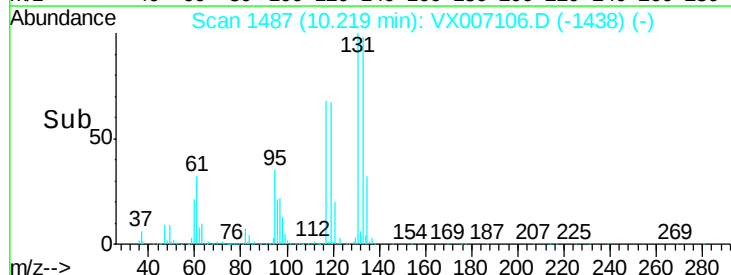
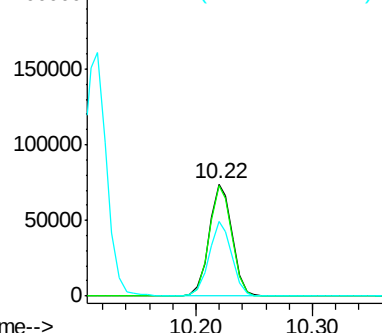
119 65.6 32.6 97.8

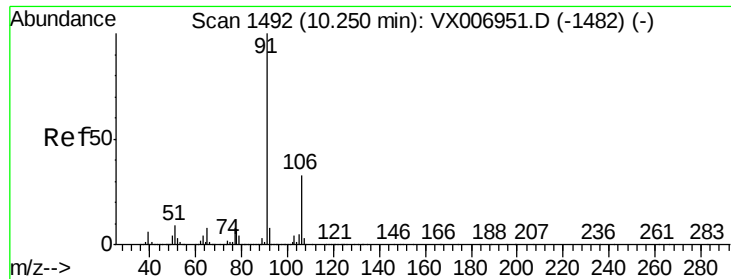


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

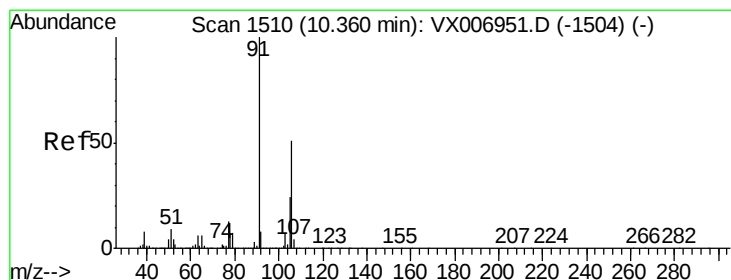
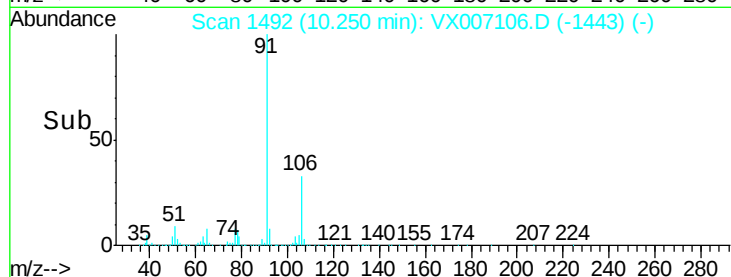
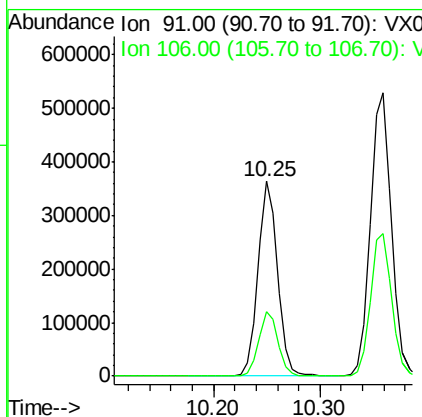
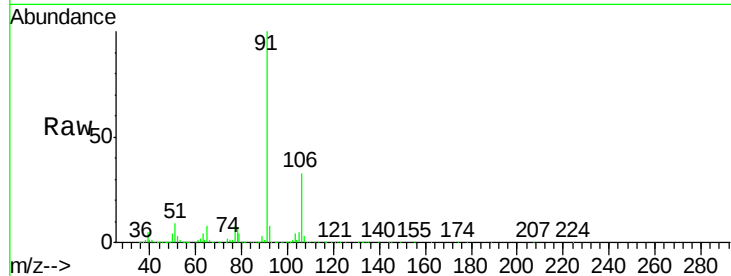




#67
Ethyl Benzene
Concen: 19.027 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

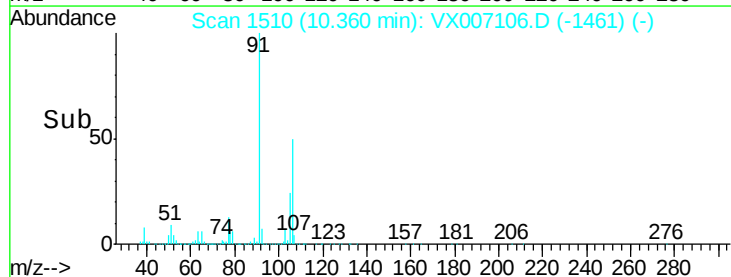
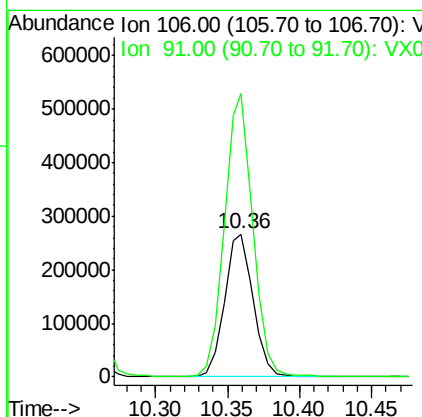
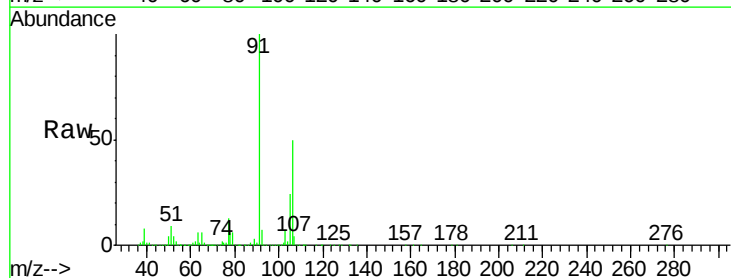
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

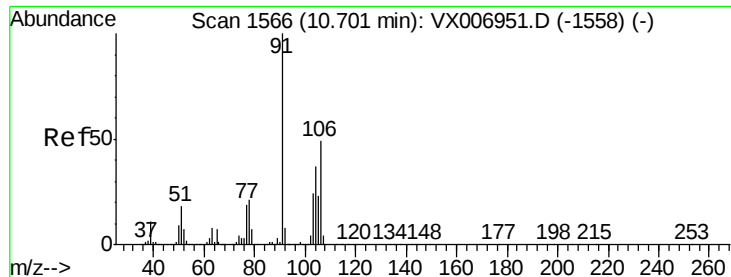
Tot Ion: 91 Resp: 469284
Ion Ratio Lower Upper
91 100
106 33.2 26.4 39.6



#68
m/p-Xylenes
Concen: 37.941 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion: 106 Resp: 368686
Ion Ratio Lower Upper
106 100
91 197.3 155.8 233.6

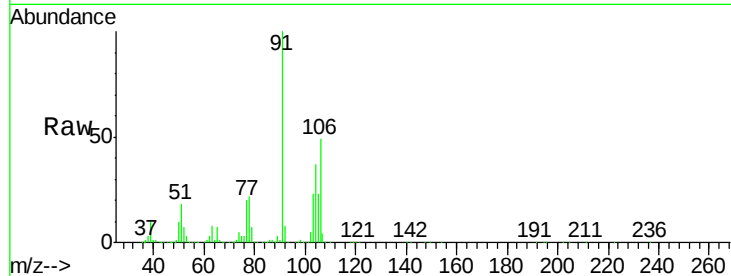




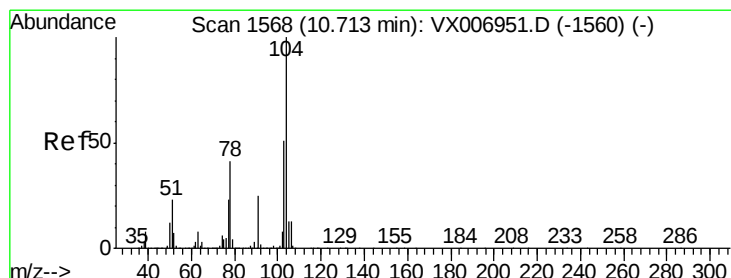
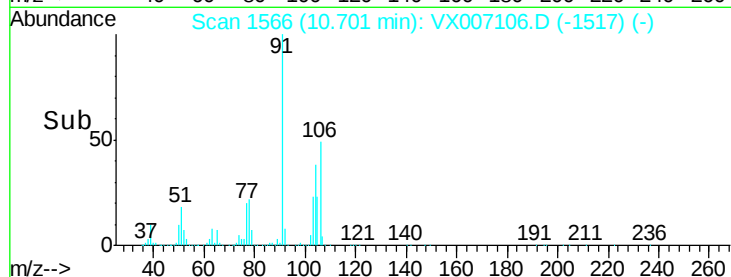
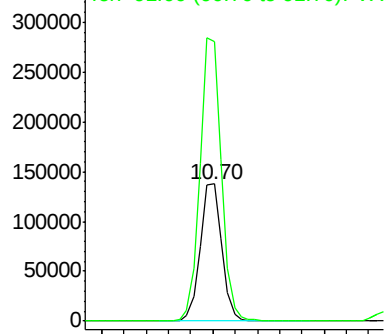
#69
o-Xylene
Concen: 19.491 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion:106 Resp: 184711
Ion Ratio Lower Upper
106 100
91 203.7 101.3 303.7

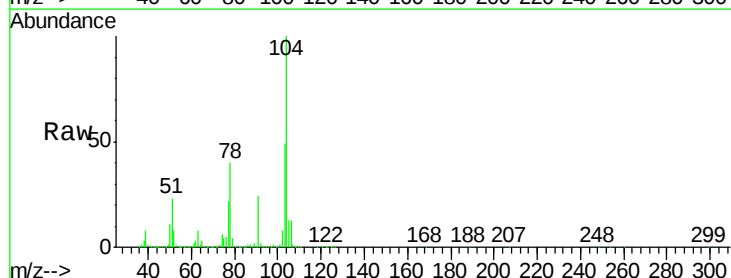


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

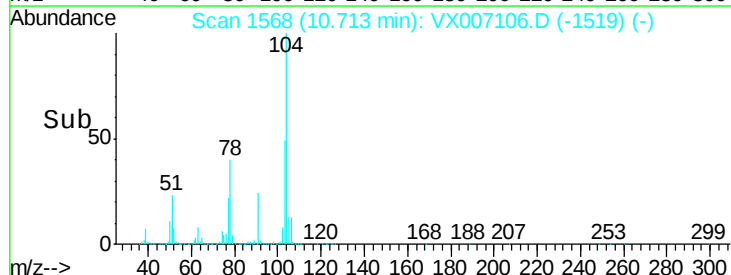
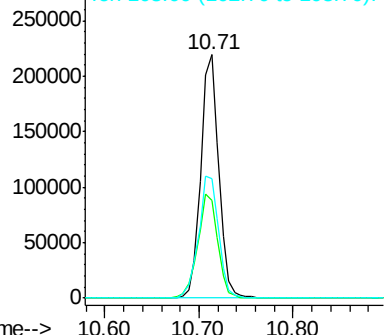


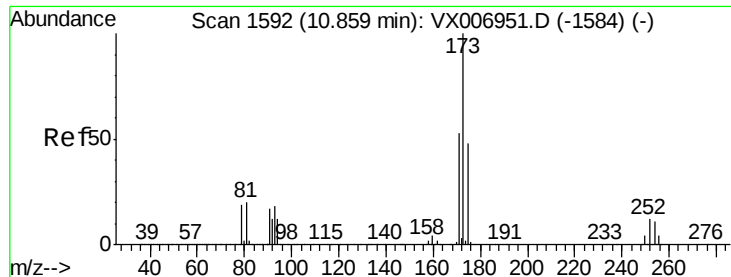
#70
Styrene
Concen: 19.338 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion:104 Resp: 290251
Ion Ratio Lower Upper
104 100
78 47.7 37.7 56.5
103 56.2 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: 19.261 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

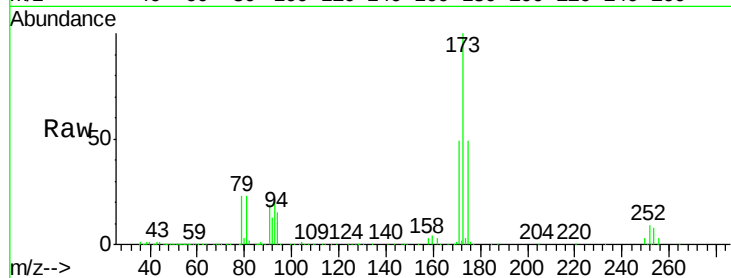
Tot Ion:173 Resp: 72175

Ion Ratio Lower Upper

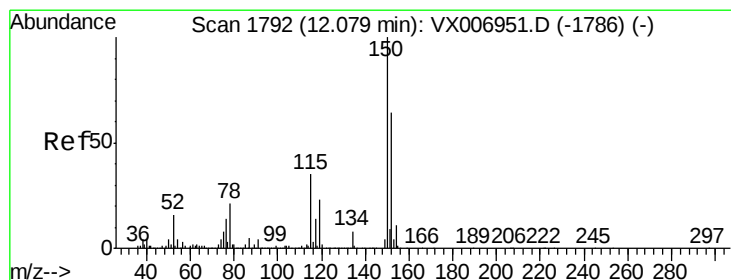
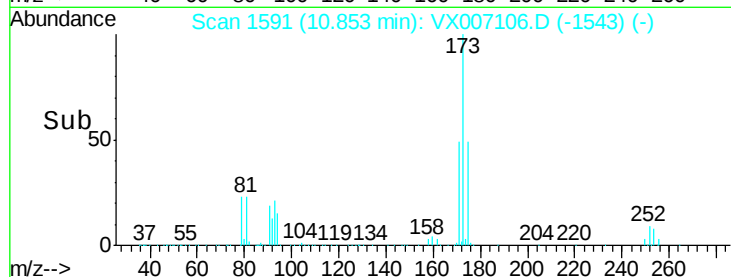
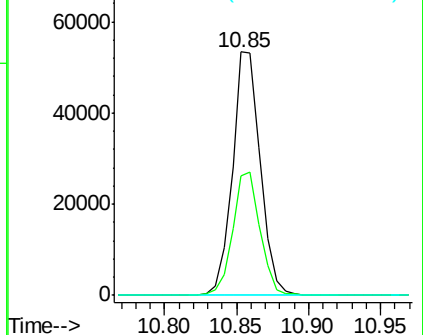
173 100

175 49.9 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

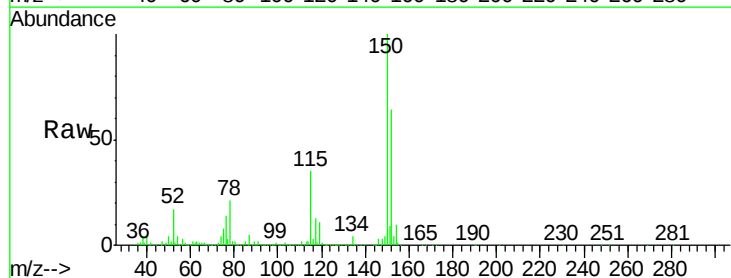
Tgt Ion:152 Resp: 342673

Ion Ratio Lower Upper

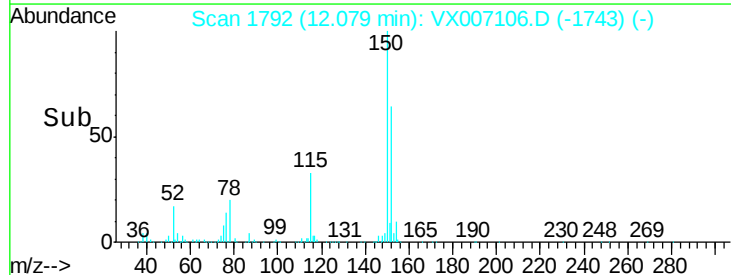
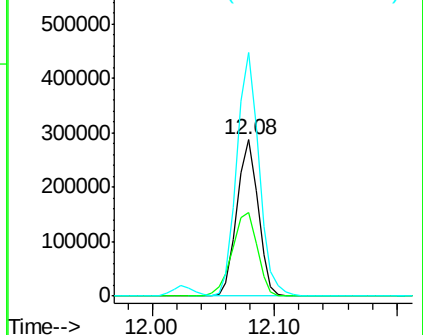
152 100

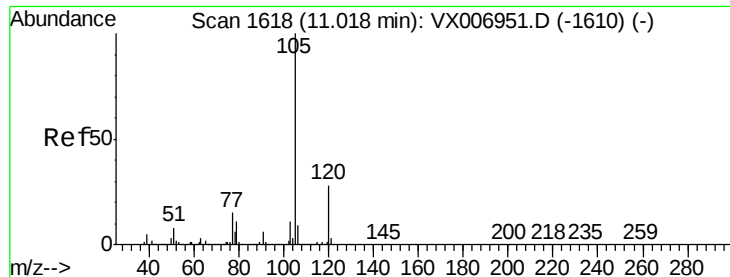
115 63.6 39.1 117.2

150 163.5 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: 19.998 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

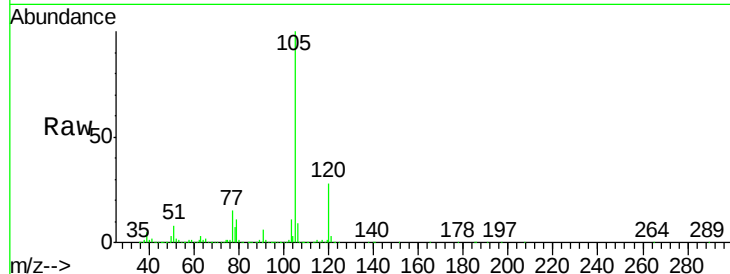
VX0117WBSD02

Tot Ion:105 Resp: 483223

Ion Ratio Lower Upper

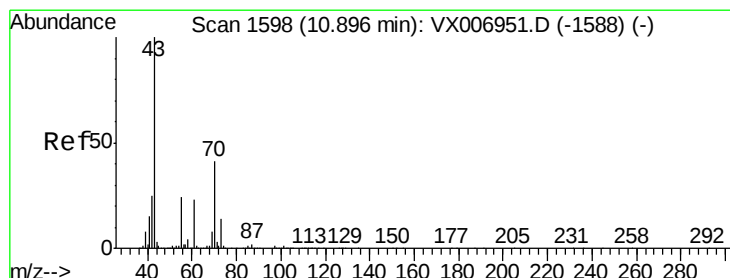
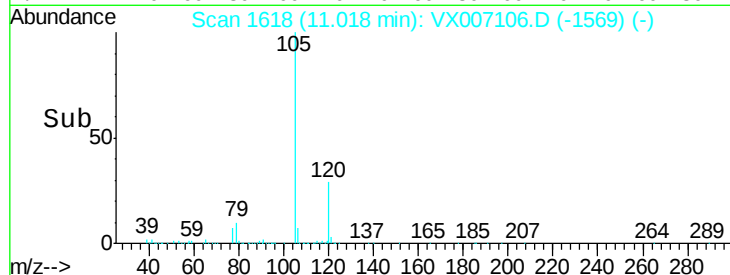
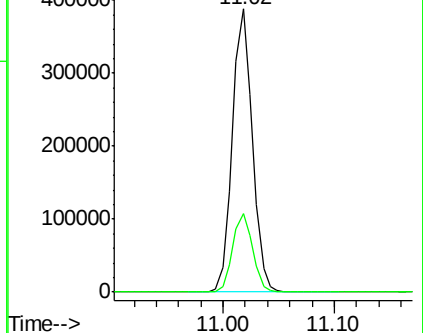
105 100

120 27.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.976 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Tgt Ion: 43 Resp: 194342

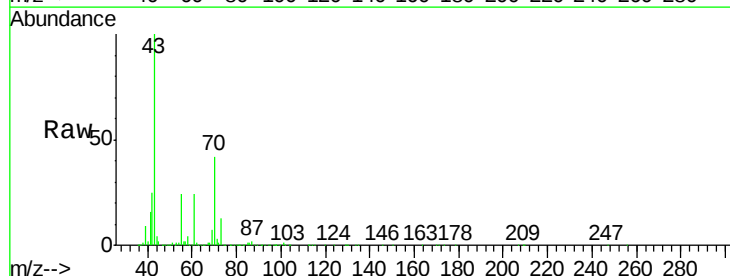
Ion Ratio Lower Upper

43 100

70 42.9 35.8 53.8

55 24.8 19.4 29.0

61 24.5 20.1 30.1

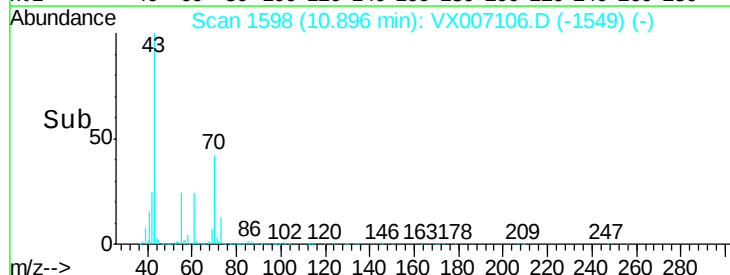
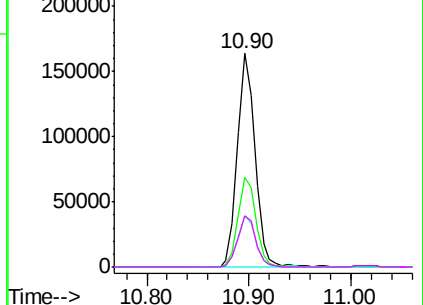


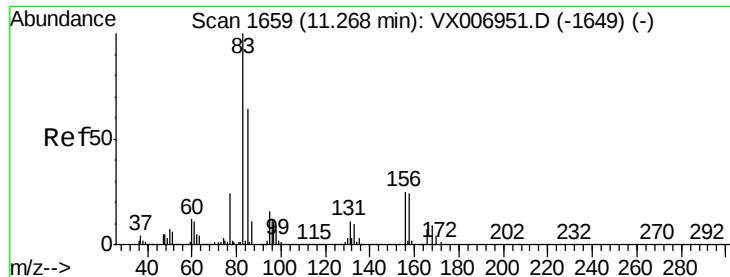
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.832 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

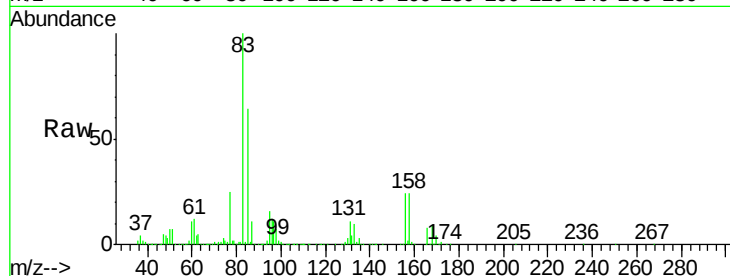
Tot Ion: 83 Resp: 159803

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

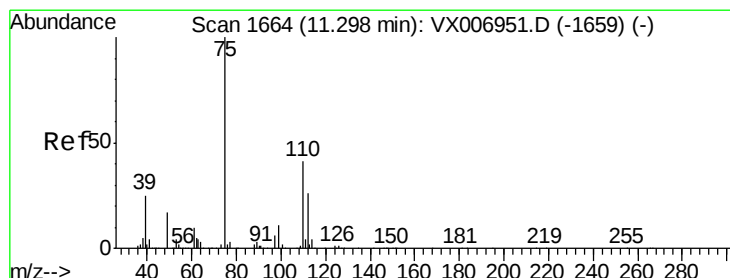
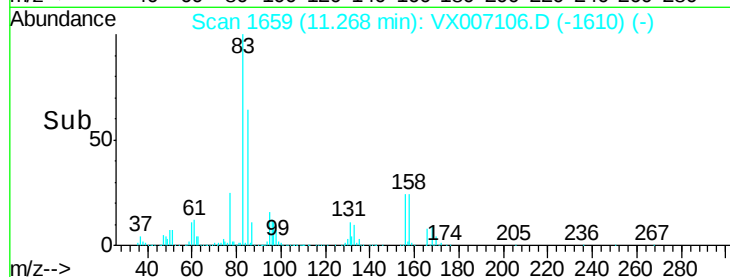
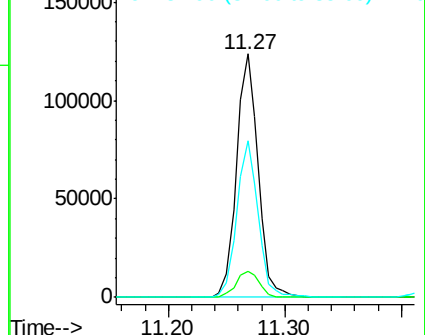
85 64.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.278 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007106.D

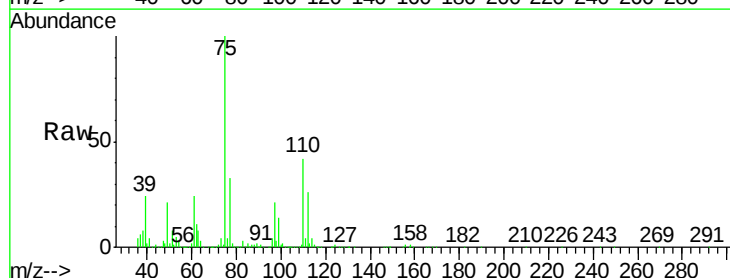
Acq: 17 Jan 2019 23:49

Tgt Ion: 75 Resp: 168586

Ion Ratio Lower Upper

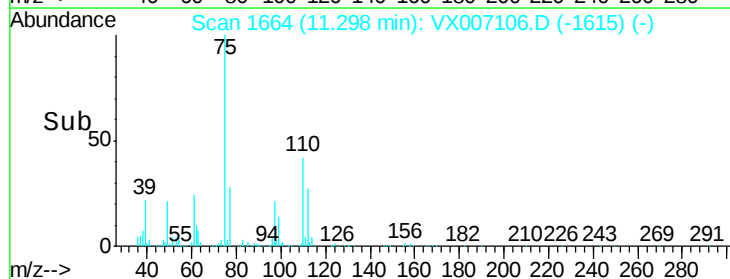
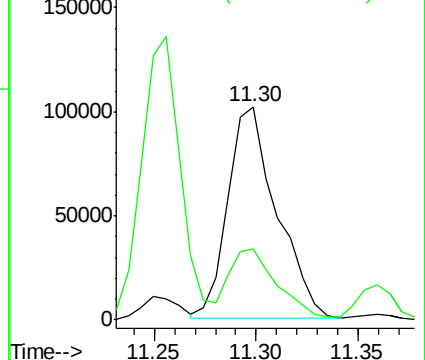
75 100

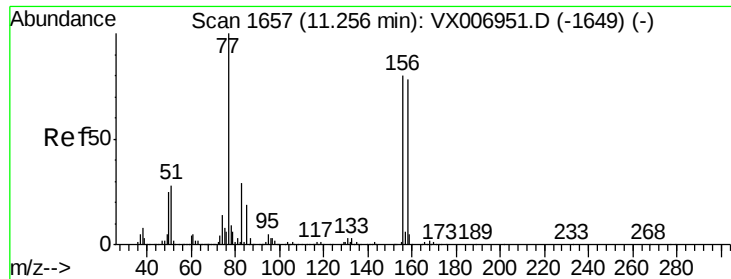
77 32.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.546 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

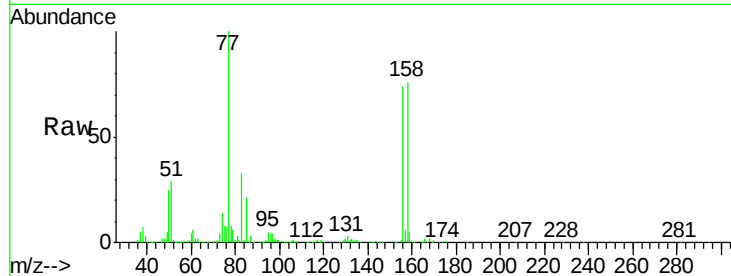
Tot Ion:156 Resp: 130133

Ion Ratio Lower Upper

156 100

77 138.6 68.0 204.0

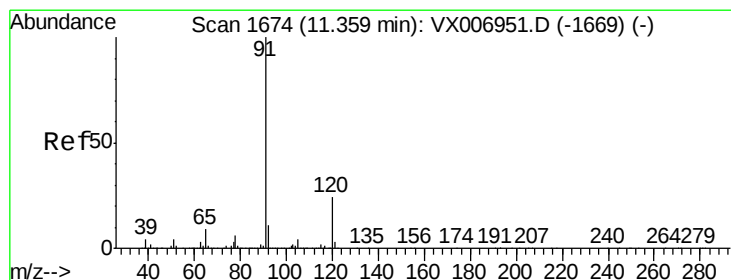
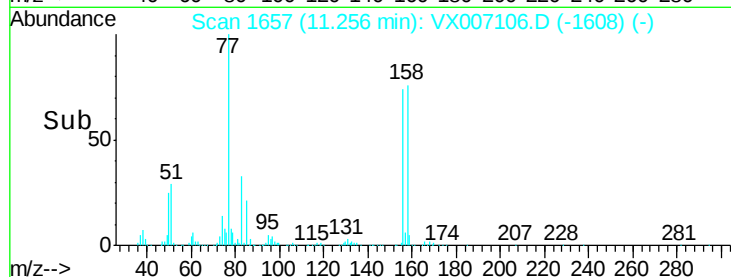
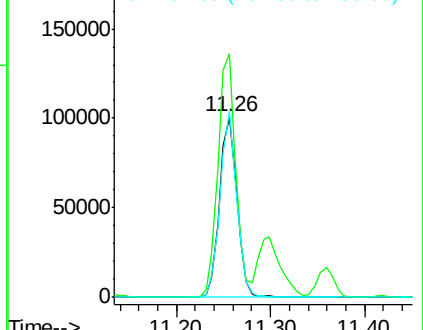
158 98.1 48.3 144.8



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: 20.118 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007106.D

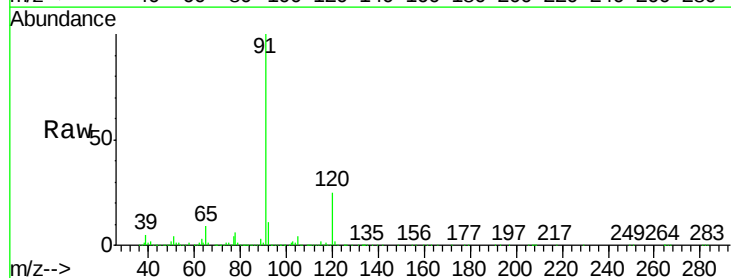
Acq: 17 Jan 2019 23:49

Tgt Ion: 91 Resp: 533640

Ion Ratio Lower Upper

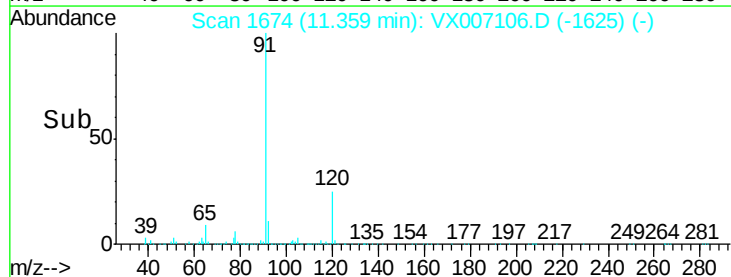
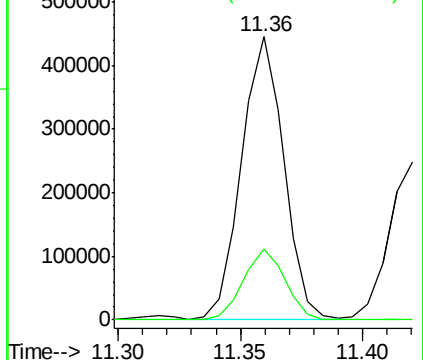
91 100

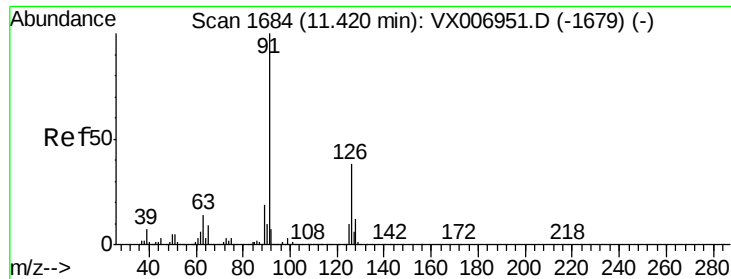
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

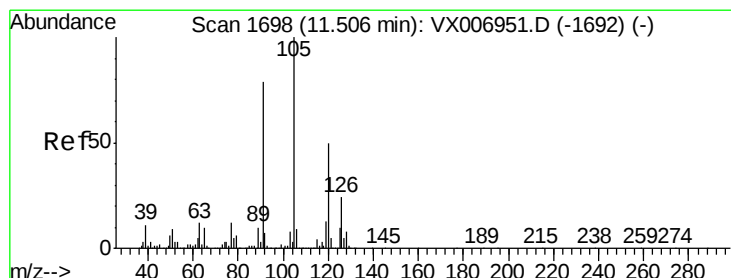
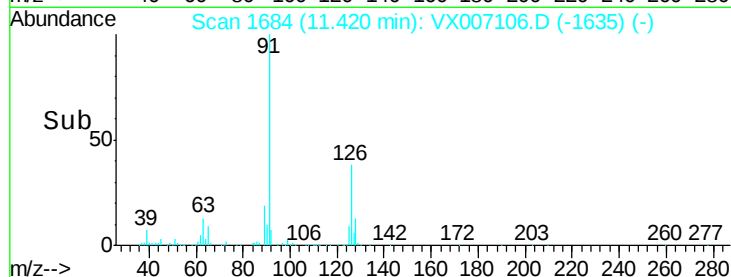
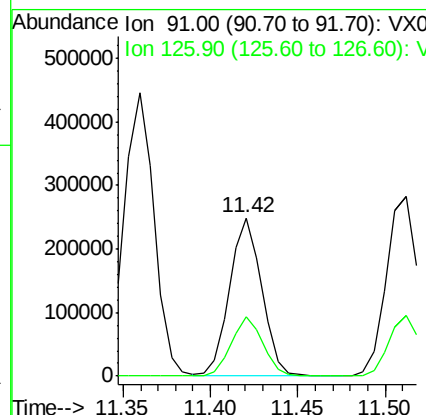
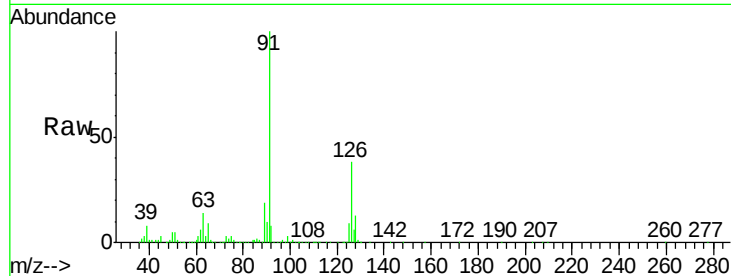




#79
 2-Chlorotoluene
 Concen: 19.819 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

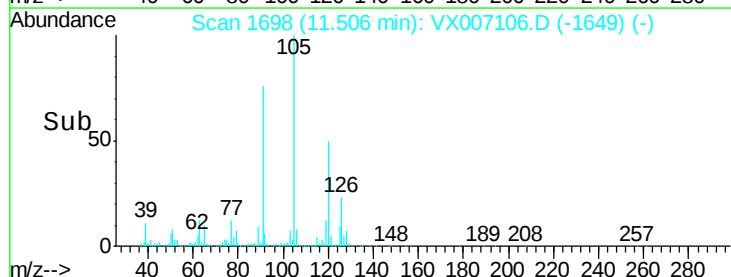
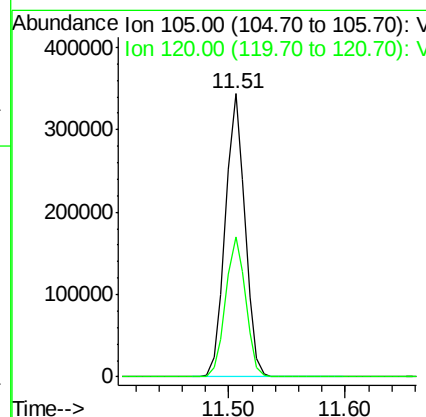
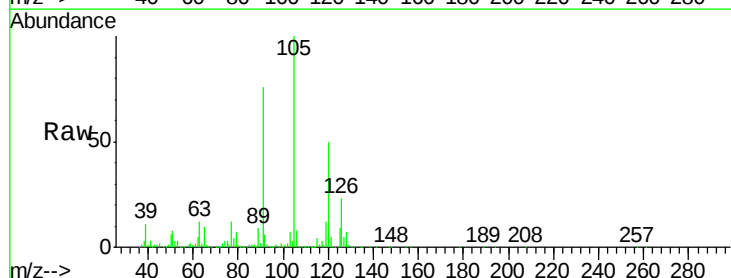
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

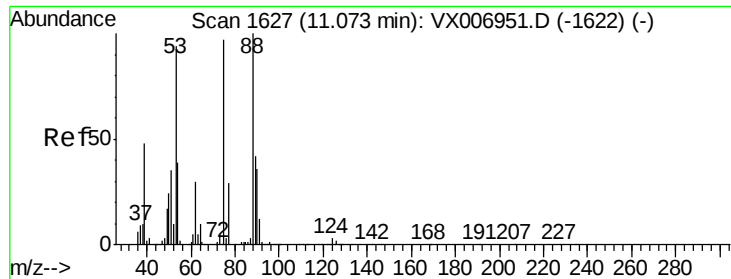
Tot Ion: 91 Resp: 316470
 Ion Ratio Lower Upper
 91 100
 126 37.6 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.762 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Tgt Ion: 105 Resp: 398999
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.489 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

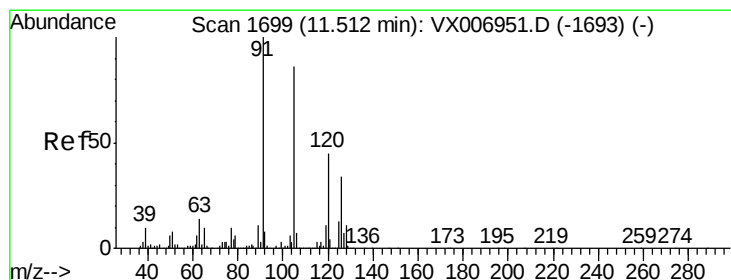
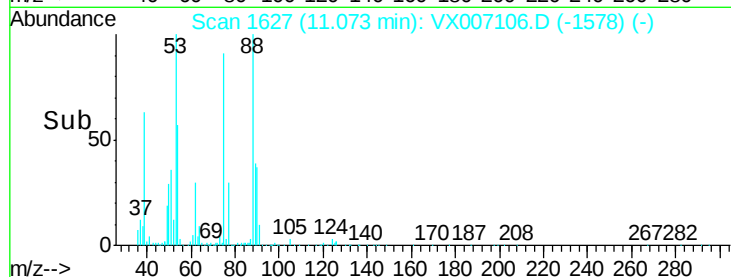
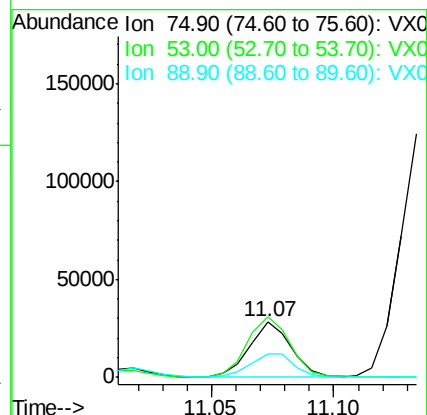
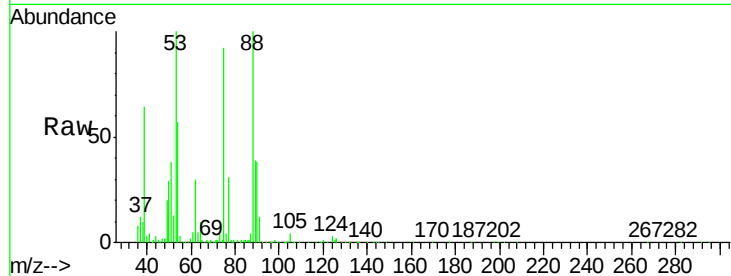
Tot Ion: 75 Resp: 34121

Ion Ratio Lower Upper

75 100

53 113.2 79.7 119.5

89 45.7 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.566 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007106.D

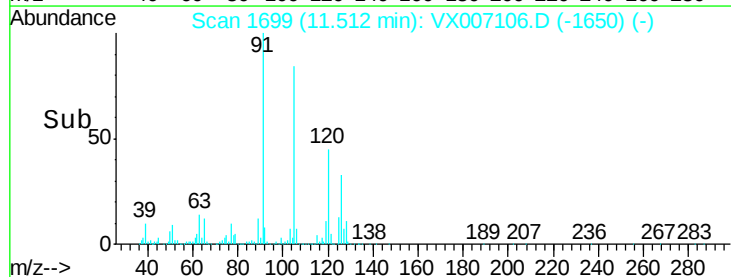
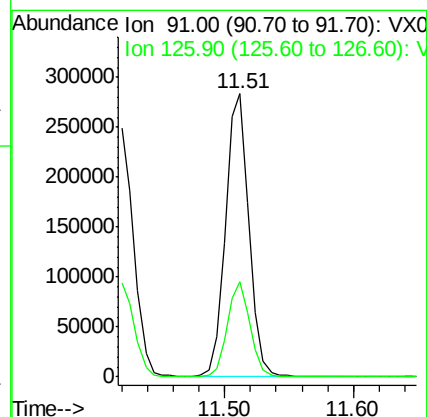
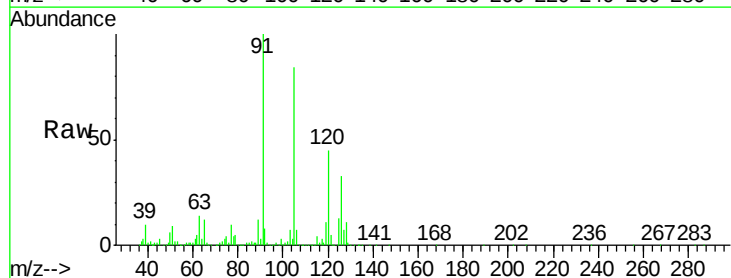
Acq: 17 Jan 2019 23:49

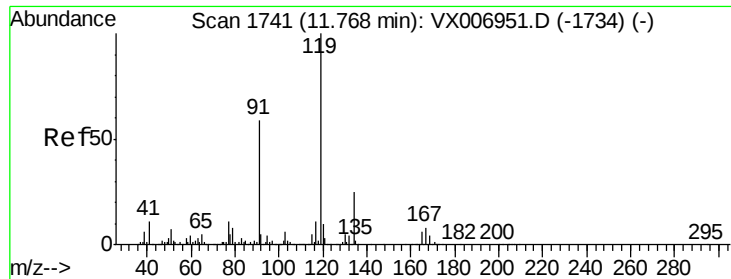
Tgt Ion: 91 Resp: 361727

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9





#83

tert-Butylbenzene

Concen: 19.656 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

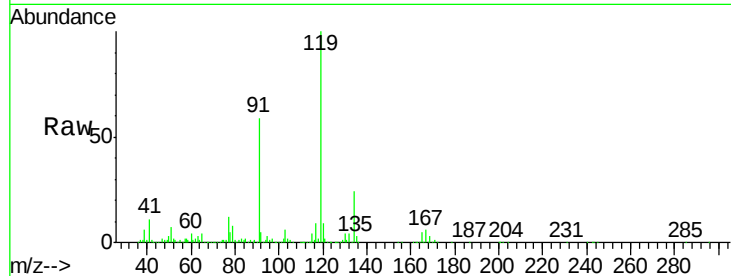
Tot Ion:119 Resp: 395958

Ion Ratio Lower Upper

119 100

91 56.7 27.7 83.1

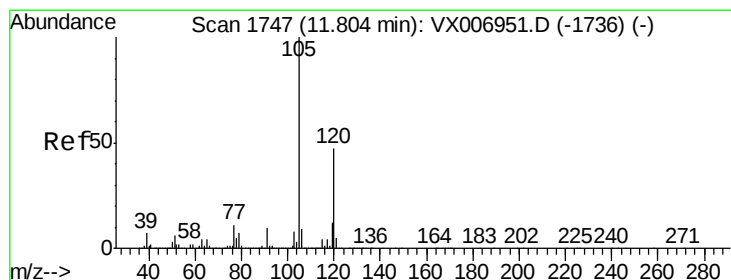
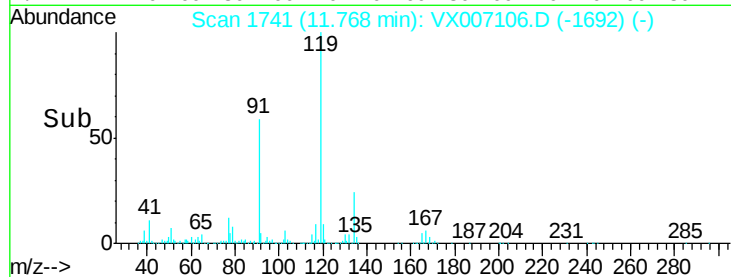
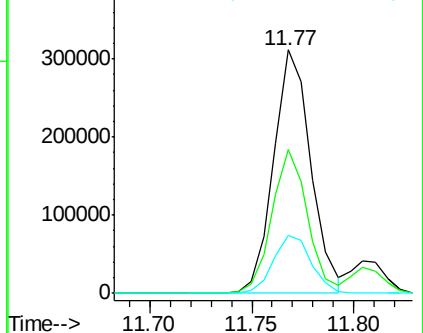
134 24.4 11.9 35.5



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: 20.191 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007106.D

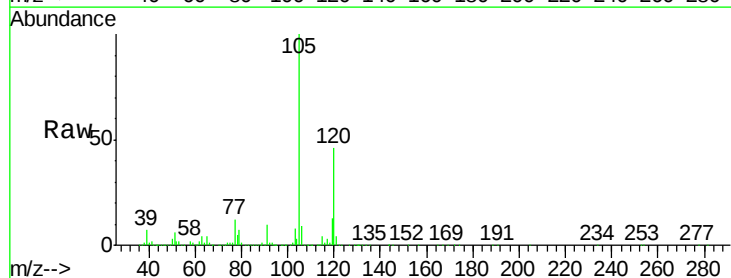
Acq: 17 Jan 2019 23:49

Tgt Ion:105 Resp: 409936

Ion Ratio Lower Upper

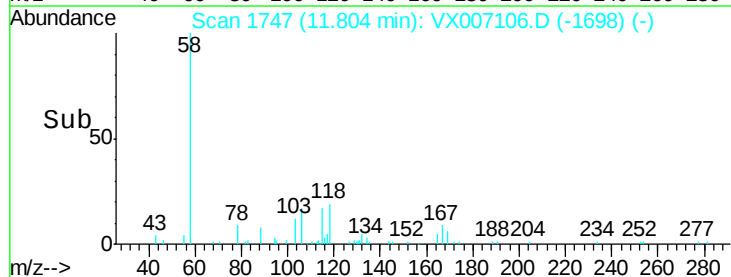
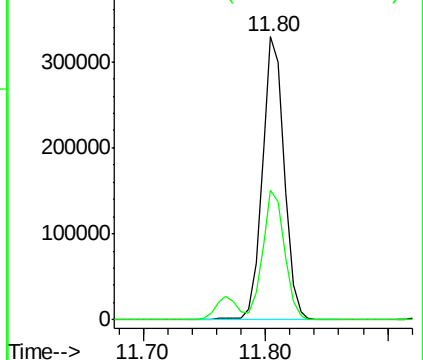
105 100

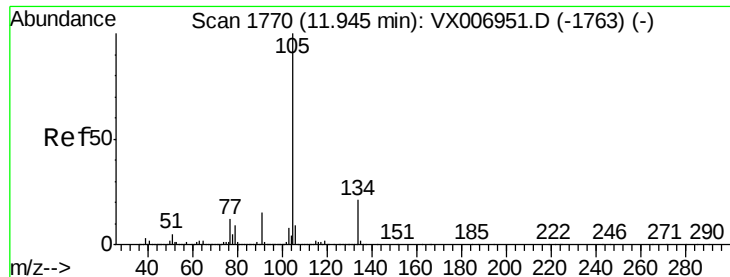
120 45.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.775 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

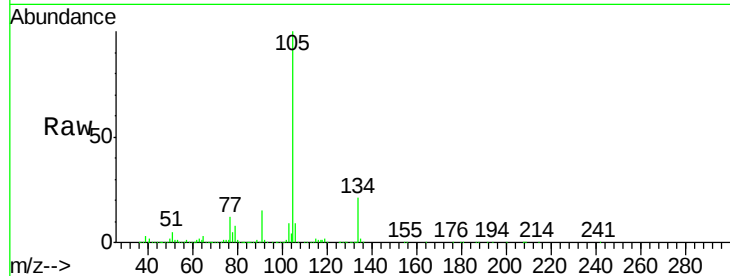
VX0117WBSD02

Tot Ion:105 Resp: 475734

Ion Ratio Lower Upper

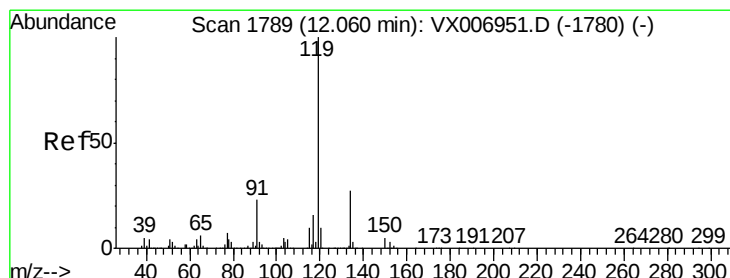
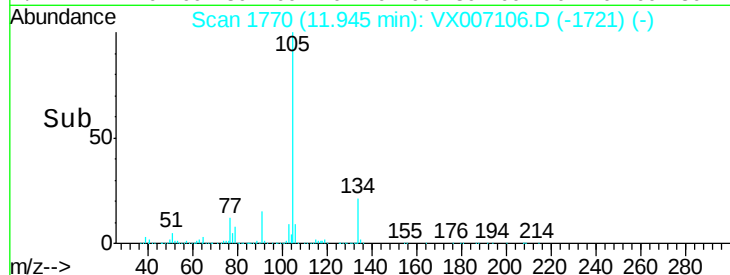
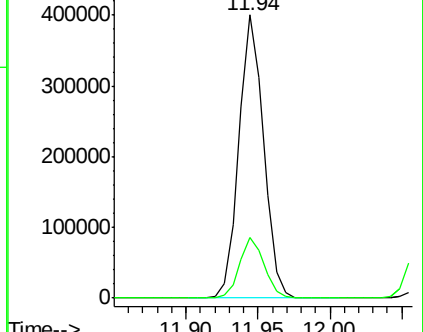
105 100

134 21.4 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: 19.829 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

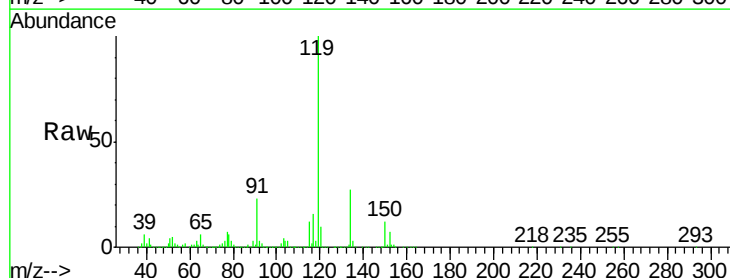
Tgt Ion:119 Resp: 426696

Ion Ratio Lower Upper

119 100

134 27.6 14.0 41.9

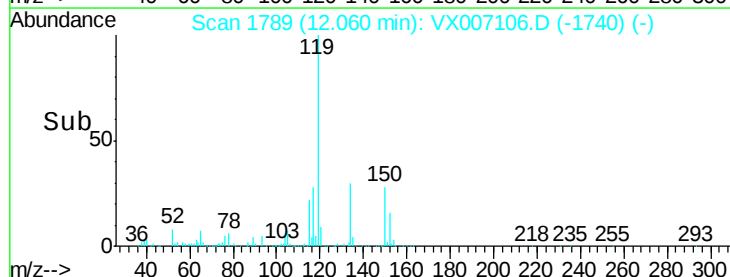
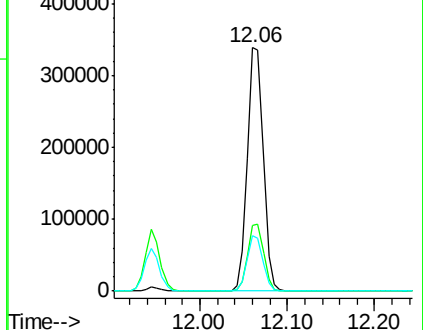
91 22.4 11.3 33.9

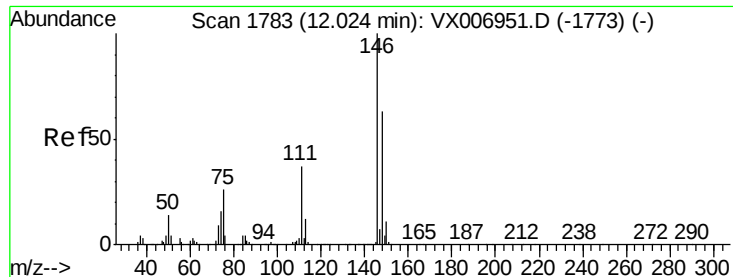


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.414 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

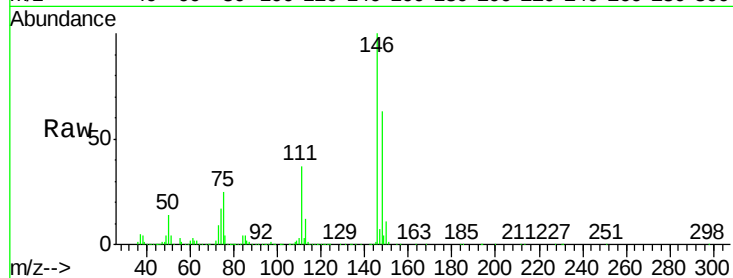
Tot Ion:146 Resp: 233625

Ion Ratio Lower Upper

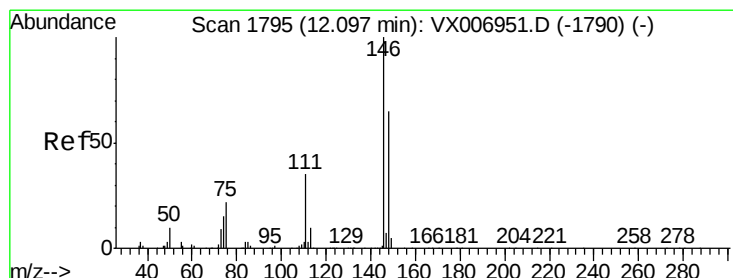
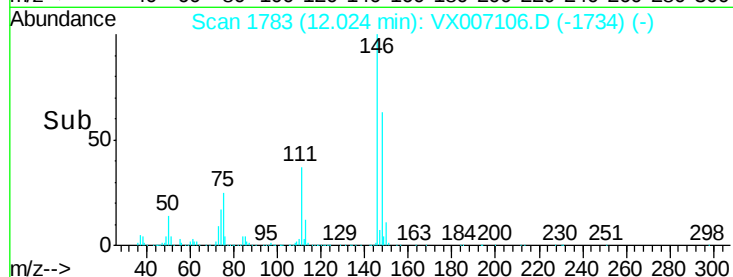
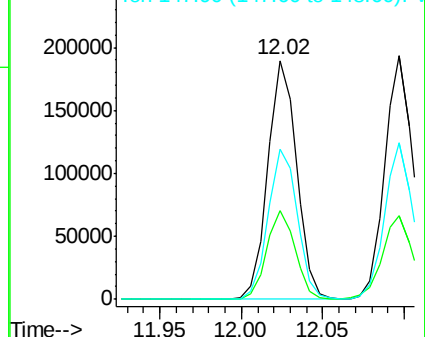
146 100

111 36.6 18.6 55.8

148 63.6 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 20.670 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

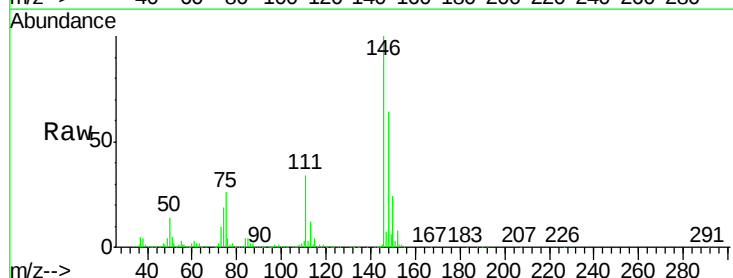
Tgt Ion:146 Resp: 234709

Ion Ratio Lower Upper

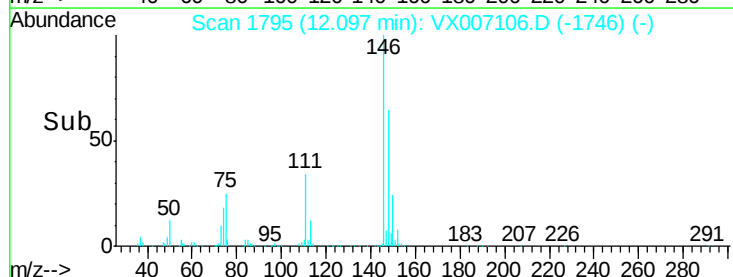
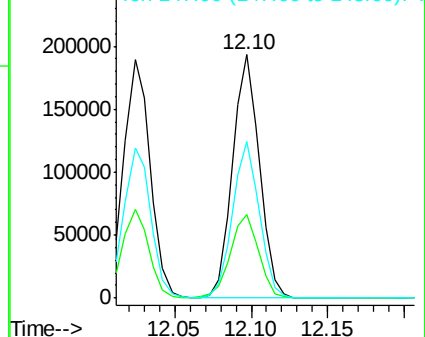
146 100

111 36.2 18.1 54.1

148 64.5 31.9 95.9



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

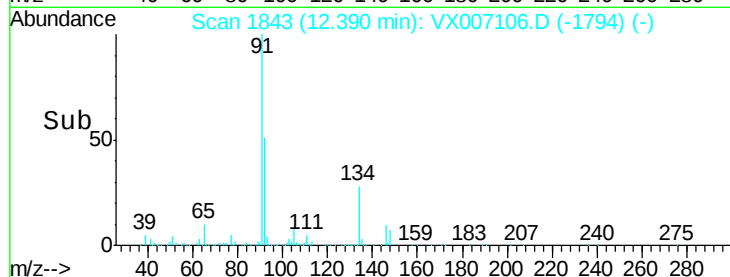
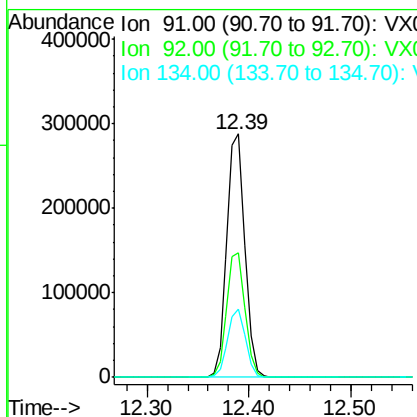
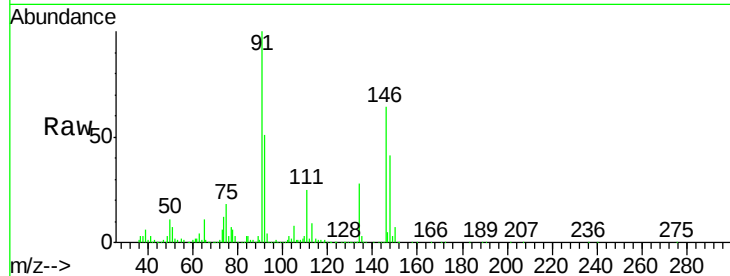




#89
n-Butylbenzene
Concen: 19.171 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

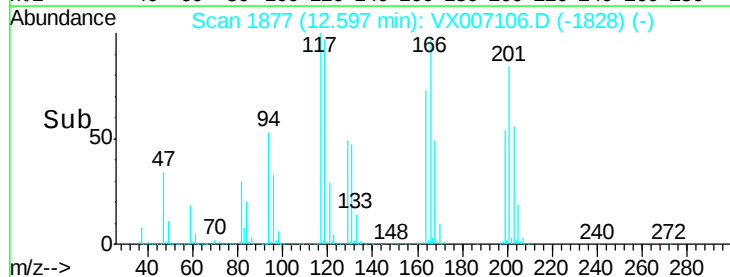
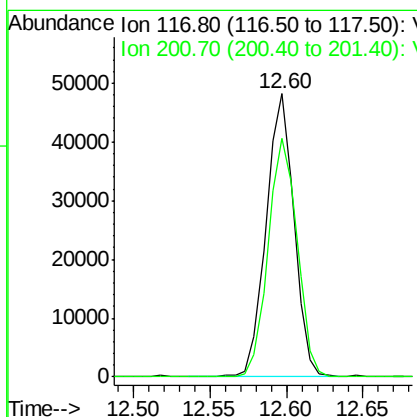
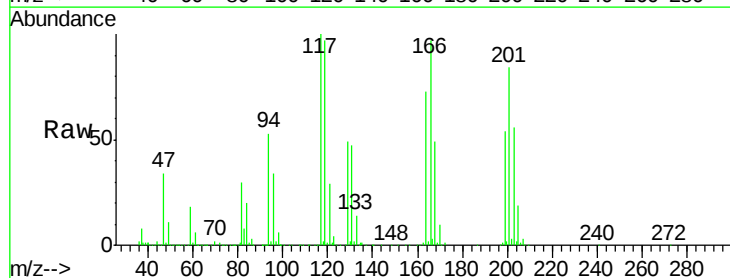
Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD02

Tot Ion: 91 Resp: 351673
Ion Ratio Lower Upper
91 100
92 52.0 26.8 80.4
134 27.8 14.4 43.2



#90
Hexachloroethane
Concen: 19.788 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007106.D
Acq: 17 Jan 2019 23:49

Tgt Ion: 117 Resp: 61569
Ion Ratio Lower Upper
117 100
201 87.4 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.719 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

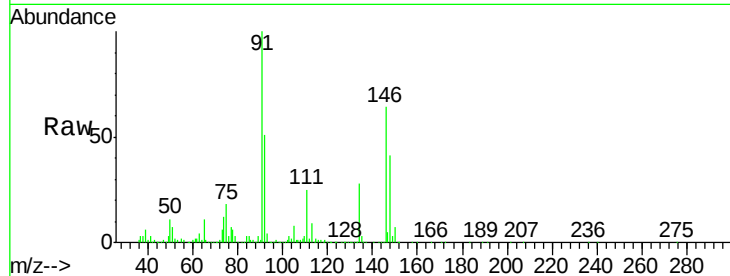
Tot Ion:146 Resp: 234175

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.2

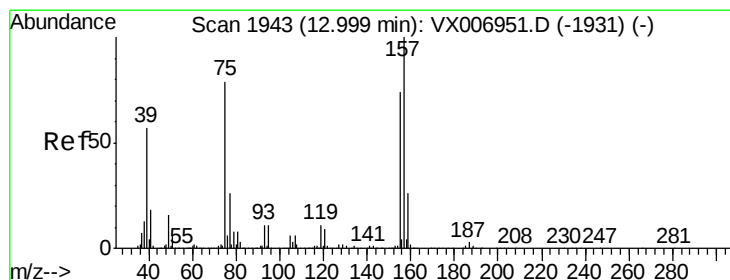
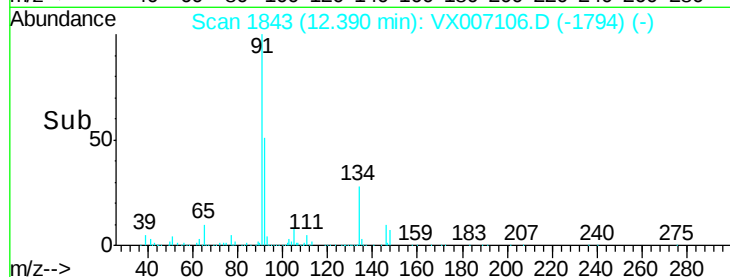
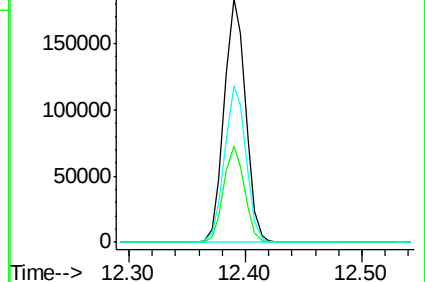
148 64.1 32.3 96.9



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: 20.360 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

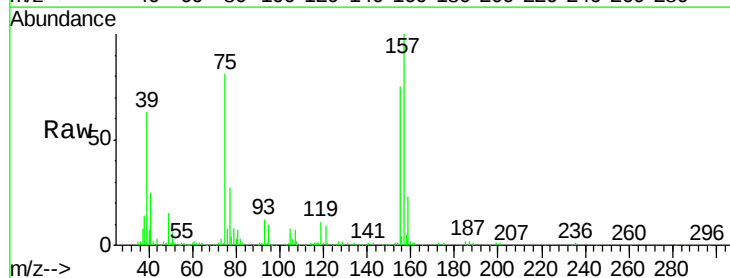
Tgt Ion: 75 Resp: 30889

Ion Ratio Lower Upper

75 100

155 96.6 50.6 151.8

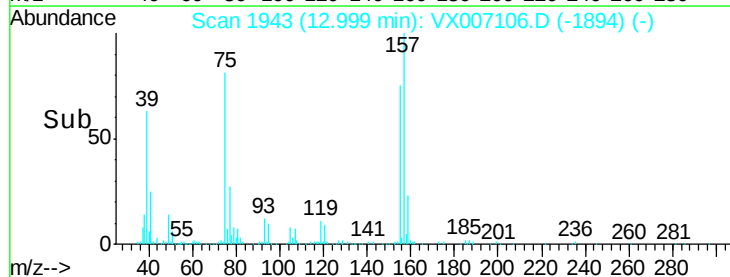
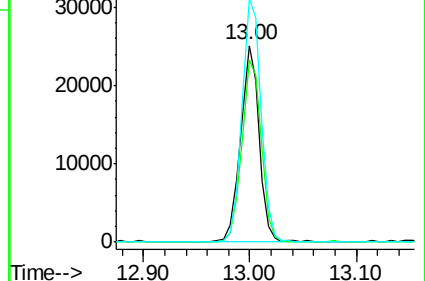
157 127.1 64.6 193.8



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

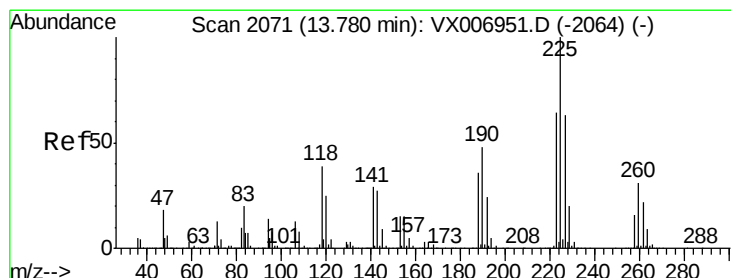
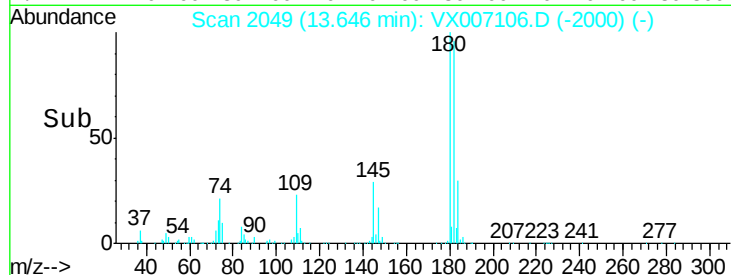
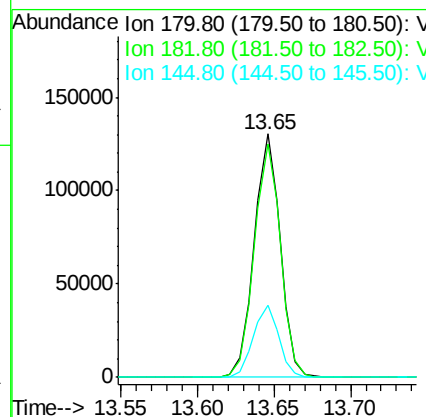
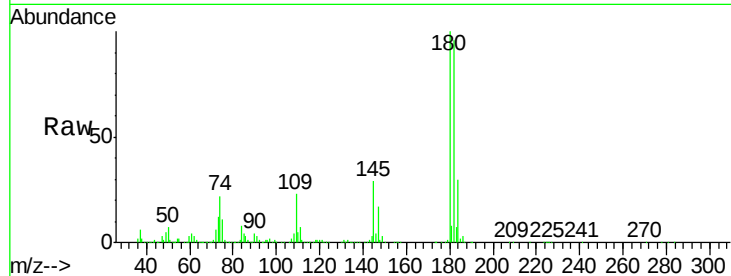




#93
 1,2,4-Trichlorobenzene
 Concen: 18.950 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

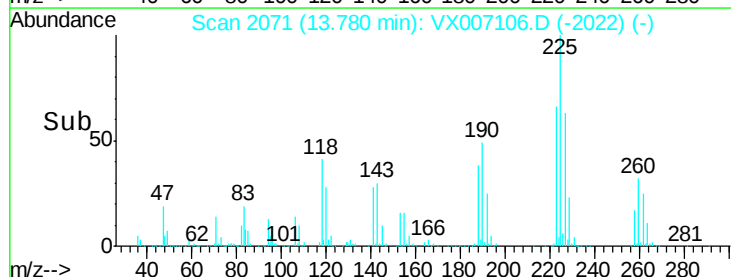
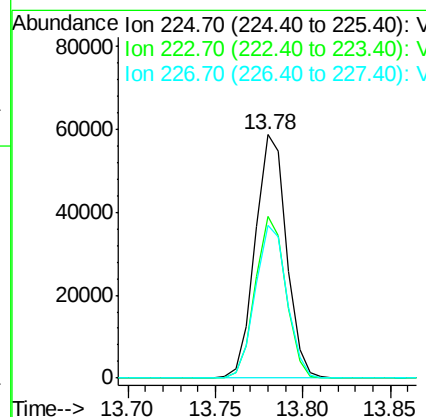
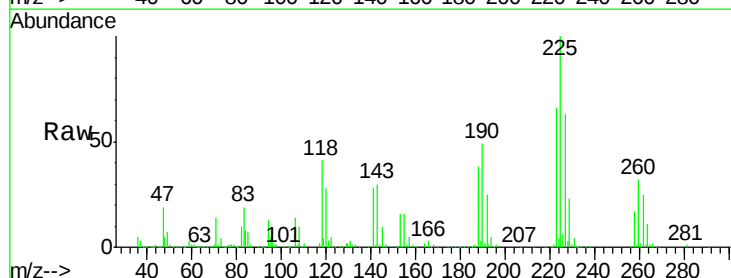
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD02

Tot Ion:180 Resp: 154399
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.3 142.0
 145 29.1 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 20.220 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007106.D
 Acq: 17 Jan 2019 23:49

Tgt Ion:225 Resp: 73107
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.1 96.3
 227 63.2 32.3 96.8





#95

Naphthalene

Concen: 20.096 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD02

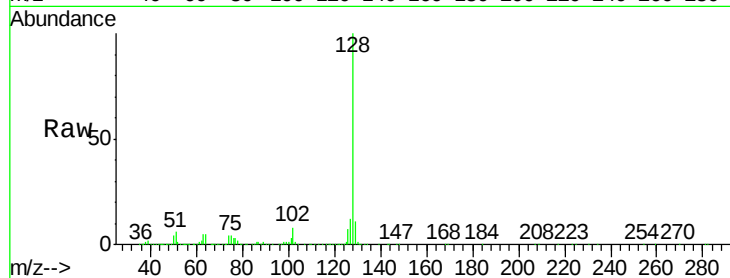
Tot Ion:128 Resp: 496143

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

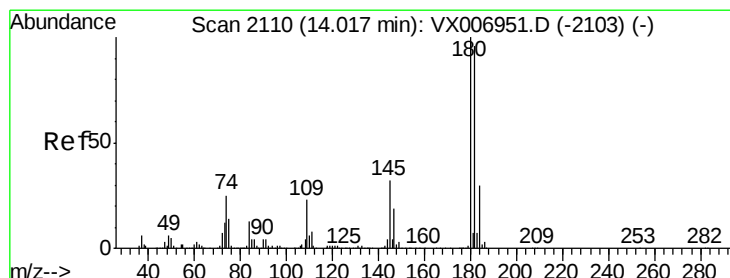
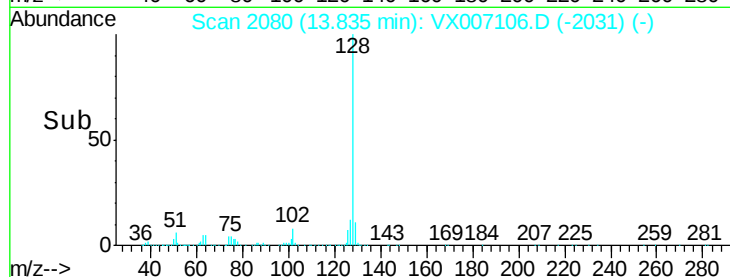
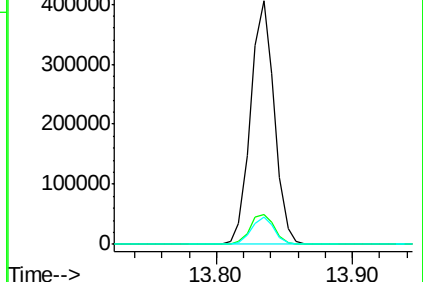
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.553 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007106.D

Acq: 17 Jan 2019 23:49

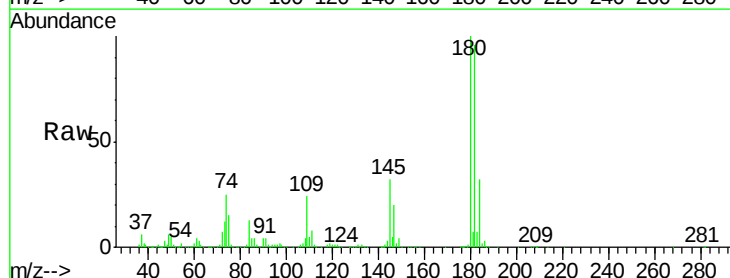
Tgt Ion:180 Resp: 158254

Ion Ratio Lower Upper

180 100

182 95.0 48.5 145.5

145 30.1 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

