

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011519\
 Data File : VX007051.D
 Acq On : 15 Jan 2019 12:00
 Operator : JC/SP
 Sample : VX0115WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Quant Time: Jan 16 00:01:49 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	5.66	168	526114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	757850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	705560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	369233	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	264889	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
35) Dibromofluoromethane	5.50	113	238133	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	896770	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	330425	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	77682	17.980	ug/l	97
3) Chloromethane	1.32	50	85554	17.010	ug/l	96
4) Vinyl Chloride	1.41	62	88149	16.293	ug/l	98
5) Bromomethane	1.64	94	95884	16.588	ug/l	99
6) Chloroethane	1.71	64	57030	15.096	ug/l	97
7) Trichlorofluoromethane	1.92	101	142275	16.275	ug/l	98
8) Diethyl Ether	2.19	74	54762	15.746	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86077	16.447	ug/l	98
10) Methyl Iodide	2.51	142	117376	16.626	ug/l	100
11) Tert butyl alcohol	3.07	59	107956	83.234	ug/l	99
12) 1,1-Dichloroethene	2.37	96	77020	15.928	ug/l	98
13) Acrolein	2.29	56	68116	123.351	ug/l	94
14) Allyl chloride	2.73	41	131101	15.820	ug/l	98
15) Acrylonitrile	3.15	53	241190	81.004	ug/l	98
16) Acetone	2.45	43	214579	78.941	ug/l	98
17) Carbon Disulfide	2.57	76	173883	13.967	ug/l	98
18) Methyl Acetate	2.78	43	129518	16.454	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	267462	15.936	ug/l	99
20) Methylene Chloride	2.85	84	87961	16.636	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	83918	15.573	ug/l	99
22) Diisopropyl ether	3.87	45	253968	16.302	ug/l	99
23) Vinyl Acetate	3.82	43	1030265	78.416	ug/l	98
24) 1,1-Dichloroethane	3.70	63	148452	17.041	ug/l	98
25) 2-Butanone	4.70	43	314746	80.925	ug/l	96
26) 2,2-Dichloropropane	4.58	77	106107	15.840	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	93761	15.775	ug/l	97
28) Bromochloromethane	5.01	49	71163	18.645	ug/l	100
29) Tetrahydrofuran	5.15	42	200894	79.480	ug/l	98
30) Chloroform	5.21	83	149081	16.345	ug/l	97
31) Cyclohexane	5.57	56	127848	16.489	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	125022	16.172	ug/l	98
36) 1,1-Dichloropropene	5.79	75	108583	16.480	ug/l	98
37) Ethyl Acetate	4.85	43	116014	16.424	ug/l	99
38) Carbon Tetrachloride	5.78	117	106102	16.005	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011519\
 Data File : VX007051.D
 Acq On : 15 Jan 2019 12:00
 Operator : JC/SP
 Sample : VX0115WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Quant Time: Jan 16 00:01:49 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	136301	16.227	ug/l	95
40) Benzene	6.14	78	330977	16.463	ug/l	98
41) Methacrylonitrile	5.05	41	65463	16.087	ug/l	98
42) 1,2-Dichloroethane	6.20	62	113174	16.290	ug/l	99
43) Isopropyl Acetate	6.46	43	185744	16.670	ug/l	97
44) Trichloroethene	7.21	130	98987	16.431	ug/l	95
45) 1,2-Dichloropropane	7.51	63	84289	16.676	ug/l	99
46) Dibromomethane	7.66	93	59598	16.778	ug/l	98
47) Bromodichloromethane	7.90	83	98323	16.261	ug/l	95
48) Methyl methacrylate	7.77	41	94779	16.564	ug/l	97
49) 1,4-Dioxane	7.74	88	45745	344.447	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	610915	85.315	ug/l	100
52) Toluene	8.78	92	214637	16.610	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	104981	15.658	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	118289	15.976	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91505	17.692	ug/l	98
56) Ethyl methacrylate	9.18	69	131542	17.421	ug/l	98
57) 1,3-Dichloropropane	9.37	76	144298	17.029	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	391540	100.854	ug/l	100
59) 2-Hexanone	9.49	43	471234	86.356	ug/l	98
60) Dibromochloromethane	9.58	129	84082	16.742	ug/l	98
61) 1,2-Dibromoethane	9.67	107	94562	16.607	ug/l	100
64) Tetrachloroethene	9.34	164	103649	16.968	ug/l	95
65) Chlorobenzene	10.13	112	259156	16.841	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	86360	16.682	ug/l	100
67) Ethyl Benzene	10.25	91	415859	16.369	ug/l	98
68) m/p-Xylenes	10.36	106	334948	33.464	ug/l	100
69) o-Xylene	10.69	106	161731	16.568	ug/l	97
70) Styrene	10.71	104	256794	16.610	ug/l	97
71) Bromoform	10.85	173	59374	16.335	ug/l	99
73) Isopropylbenzene	11.02	105	438138	16.828	ug/l	98
74) N-amyl acetate	10.90	43	161307	15.388	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	133399	16.139	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	141354	18.892	ug/l	93
77) Bromobenzene	11.26	156	117889	16.433	ug/l	99
78) n-propylbenzene	11.36	91	488686	17.098	ug/l	100
79) 2-Chlorotoluene	11.42	91	286548	16.655	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	360119	16.553	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28904	14.558	ug/l	83
82) 4-Chlorotoluene	11.51	91	330062	16.569	ug/l	99
83) tert-Butylbenzene	11.77	119	358707	16.526	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	366707	16.762	ug/l	100
85) sec-Butylbenzene	11.94	105	442565	17.073	ug/l	99
86) p-Isopropyltoluene	12.06	119	393725	16.980	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	212844	16.415	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	211522	17.312	ug/l	97
89) n-Butylbenzene	12.38	91	333670	16.881	ug/l	99
90) Hexachloroethane	12.60	117	52769	16.335	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	209040	16.336	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24794	15.167	ug/l	95

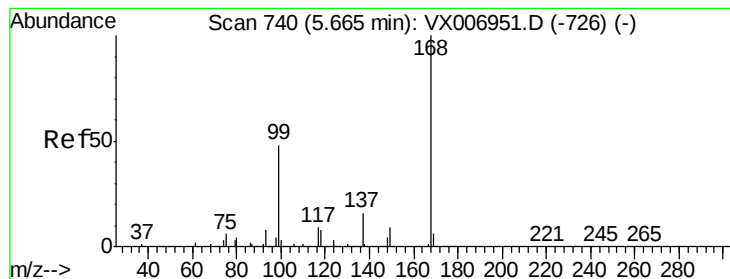
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011519\
Data File : VX007051.D
Acq On : 15 Jan 2019 12:00
Operator : JC/SP
Sample : VX0115WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Quant Time: Jan 16 00:01:49 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	143968	16.399	ug/l	99
94) Hexachlorobutadiene	13.78	225	67919	17.434	ug/l	99
95) Naphthalene	13.83	128	435000	16.352	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	145441	16.677	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

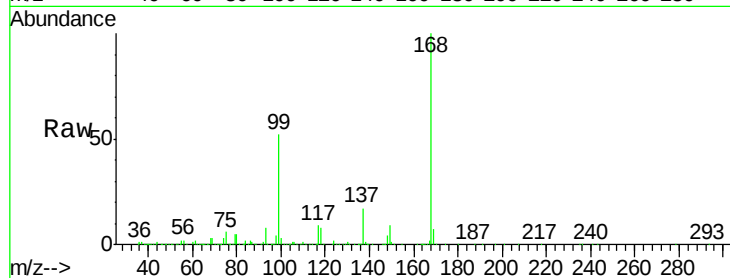
VX0115WBS01

Tot Ion:168 Resp: 526114

Ion Ratio Lower Upper

168 100

99 51.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

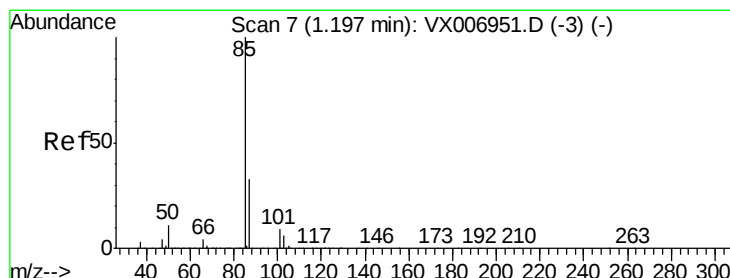
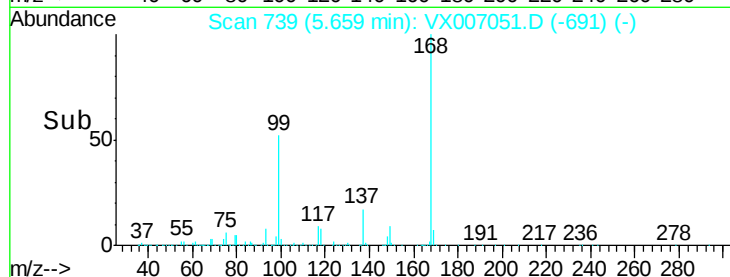
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.980 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007051.D

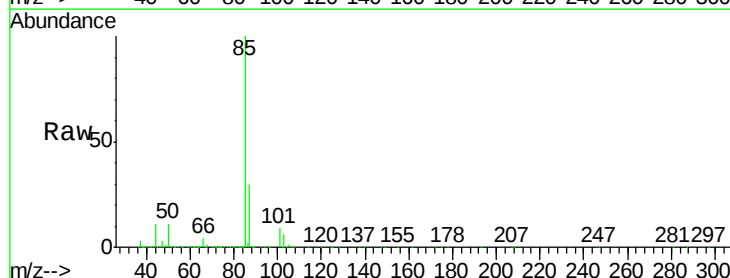
Acq: 15 Jan 2019 12:00

Tgt Ion: 85 Resp: 77682

Ion Ratio Lower Upper

85 100

87 30.3 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

60000

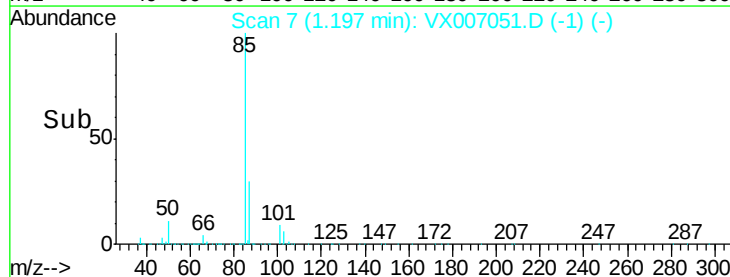
40000

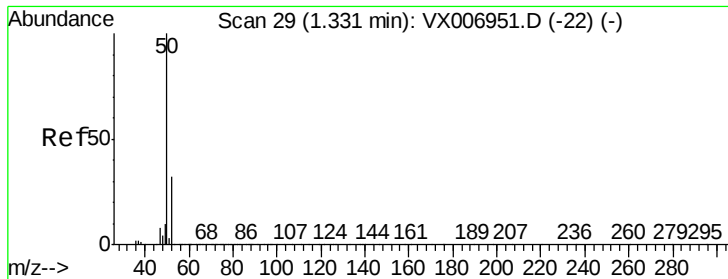
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.010 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

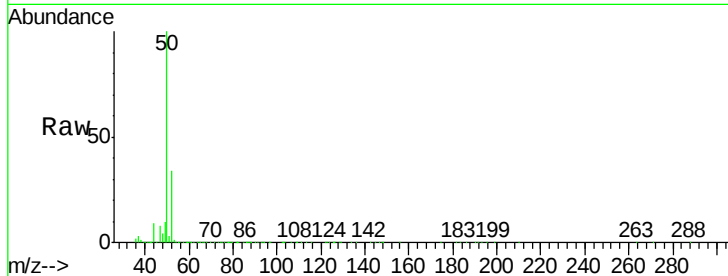
VX0115WBS01

Tot Ion: 50 Resp: 85554

Ion Ratio Lower Upper

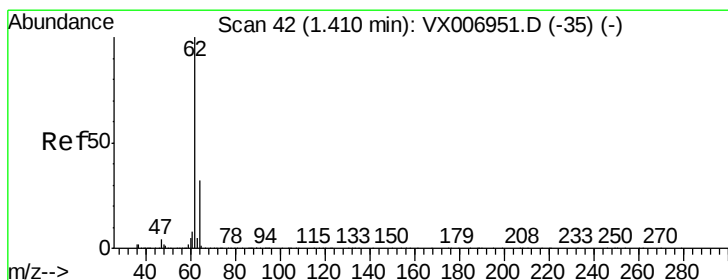
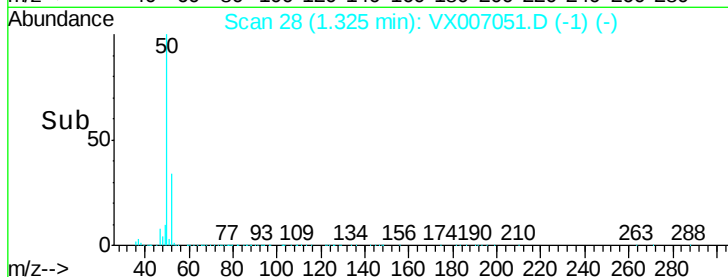
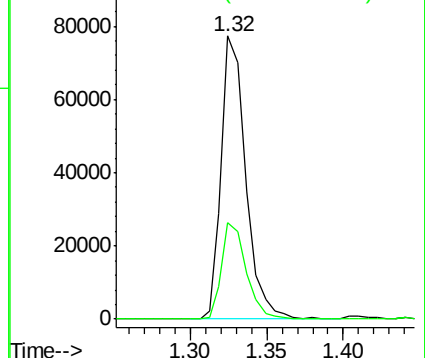
50 100

52 34.1 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.293 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007051.D

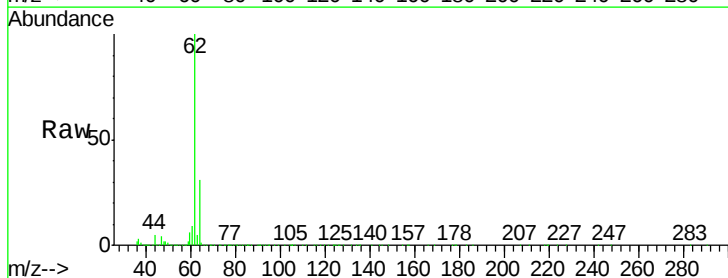
Acq: 15 Jan 2019 12:00

Tgt Ion: 62 Resp: 88149

Ion Ratio Lower Upper

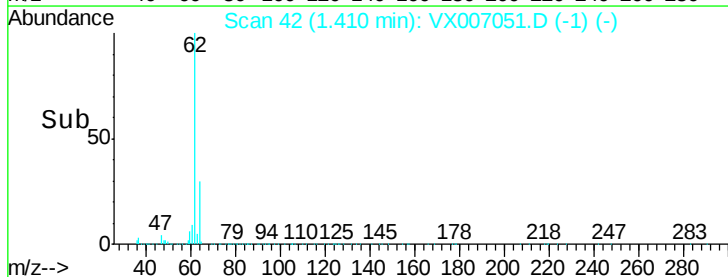
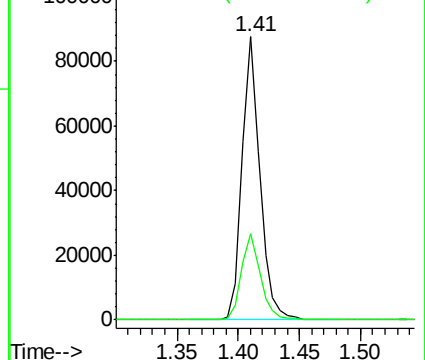
62 100

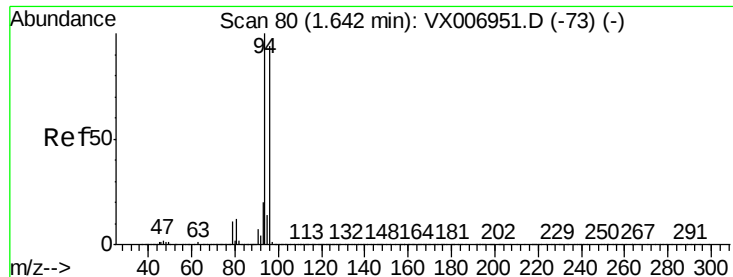
64 30.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.588 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

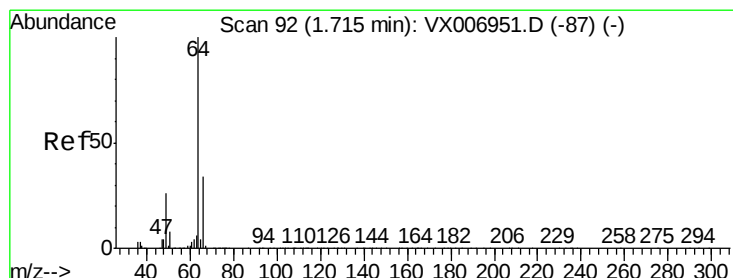
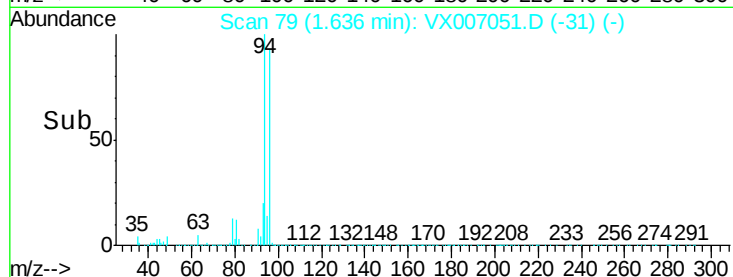
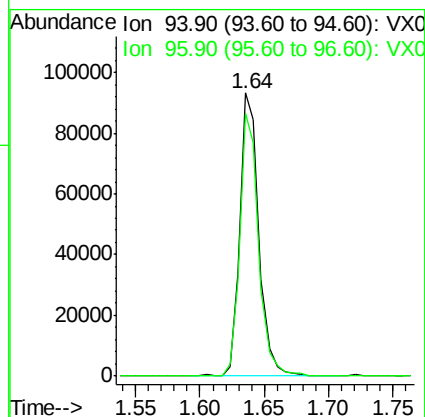
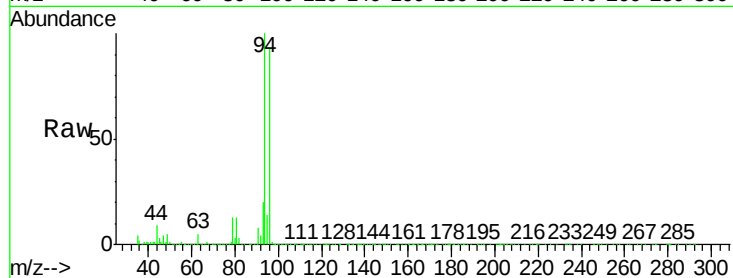
VX0115WBS01

Tot Ion: 94 Resp: 95884

Ion Ratio Lower Upper

94 100

96 93.0 73.4 110.2



#6

Chloroethane

Concen: 15.096 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX007051.D

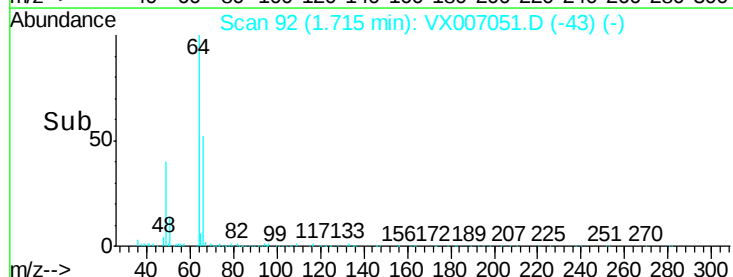
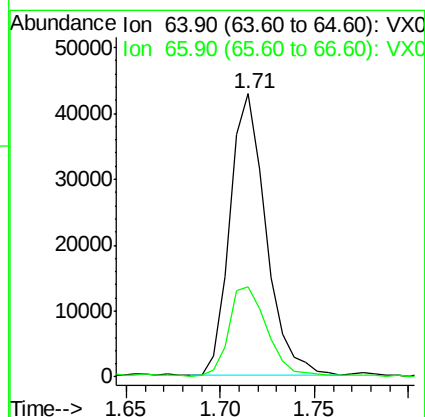
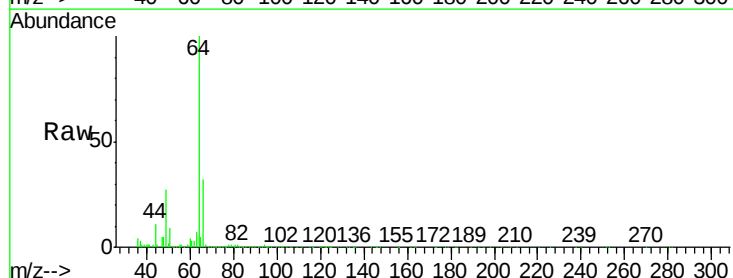
Acq: 15 Jan 2019 12:00

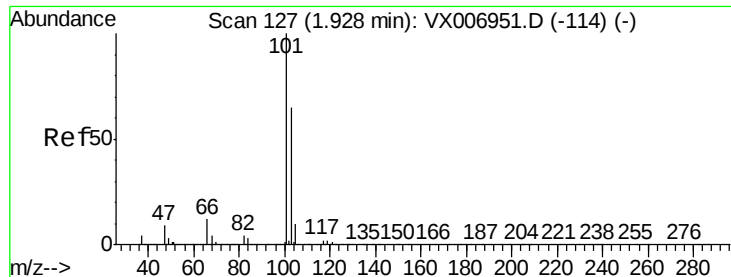
Tgt Ion: 64 Resp: 57030

Ion Ratio Lower Upper

64 100

66 31.5 26.4 39.6



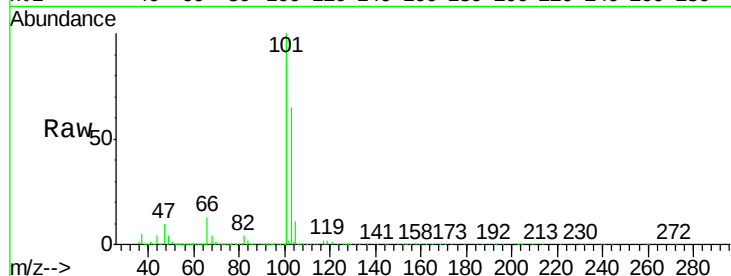


#7

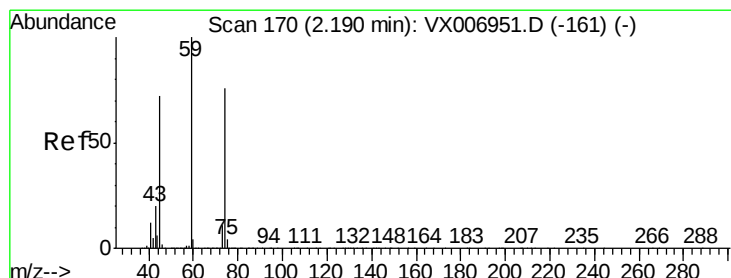
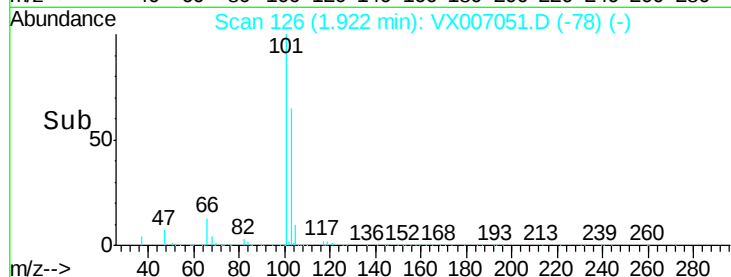
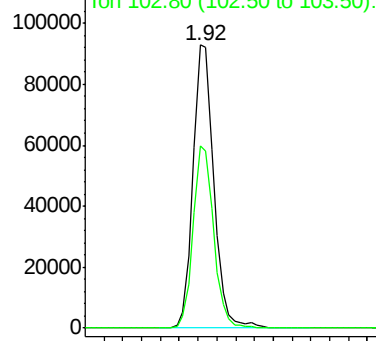
Trichlorofluoromethane
Concen: 16.275 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tot Ion:101 Resp: 142275
Ion Ratio Lower Upper
101 100
103 64.6 53.2 79.8



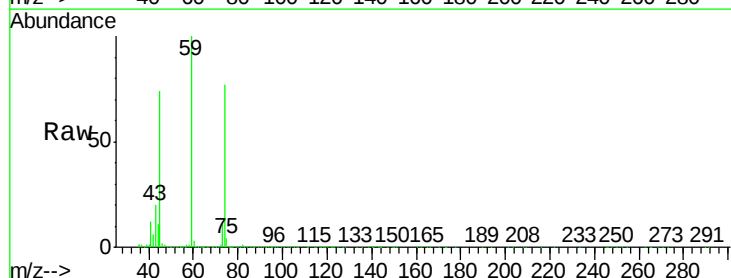
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



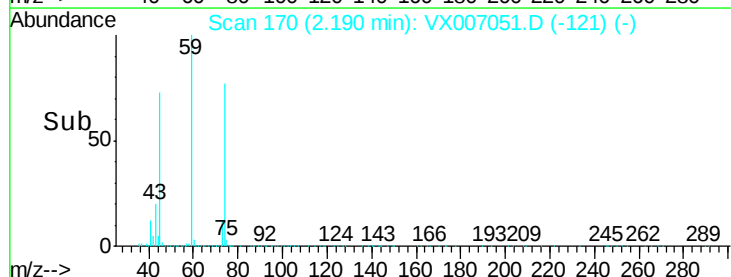
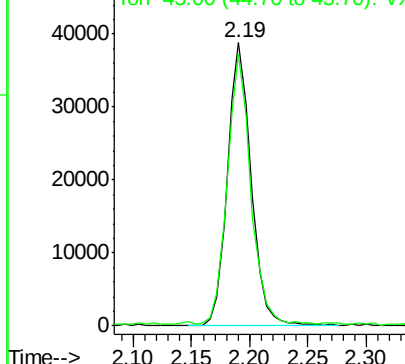
#8

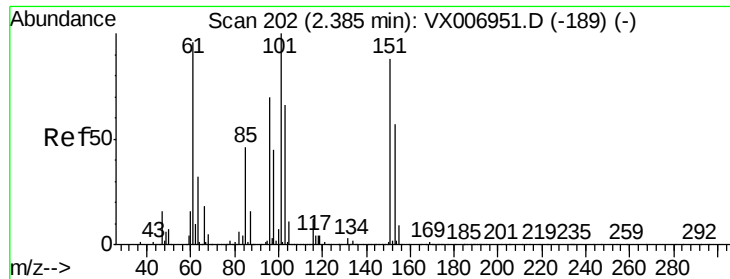
Diethyl Ether
Concen: 15.746 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Tgt Ion: 74 Resp: 54762
Ion Ratio Lower Upper
74 100
45 93.8 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.447 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

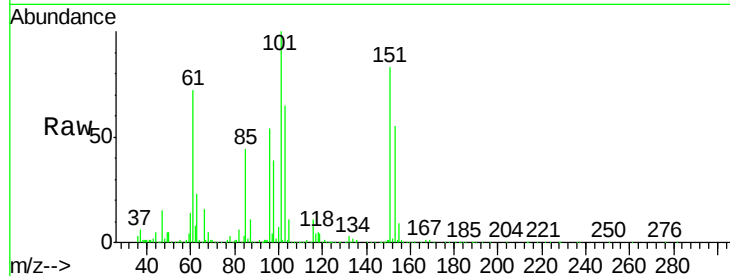
Tot Ion:101 Resp: 86077

Ion Ratio Lower Upper

101 100

85 43.0 35.1 52.7

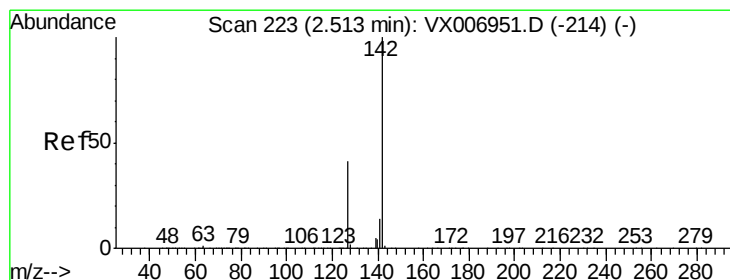
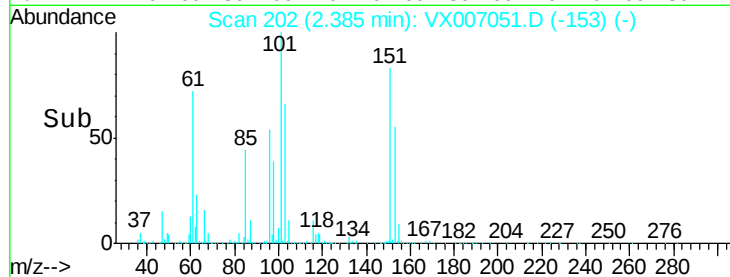
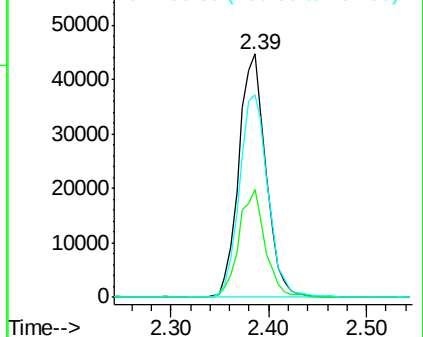
151 87.6 68.9 103.3



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: 16.626 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

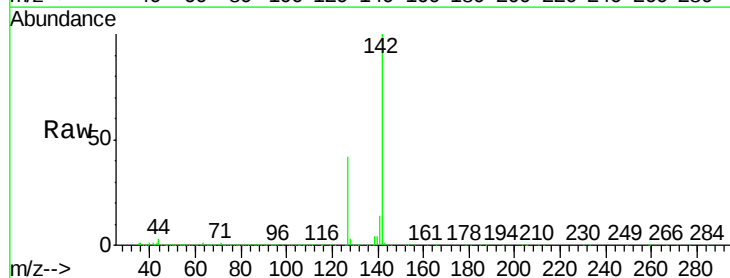
Tgt Ion:142 Resp: 117376

Ion Ratio Lower Upper

142 100

127 42.2 33.9 50.9

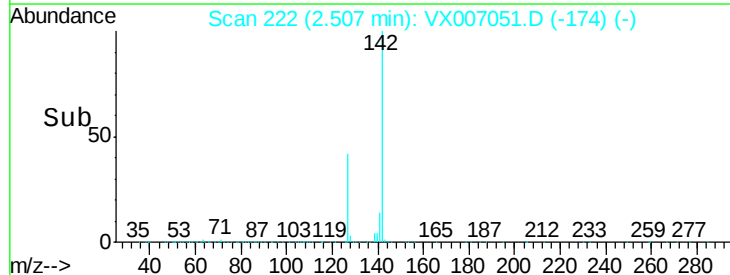
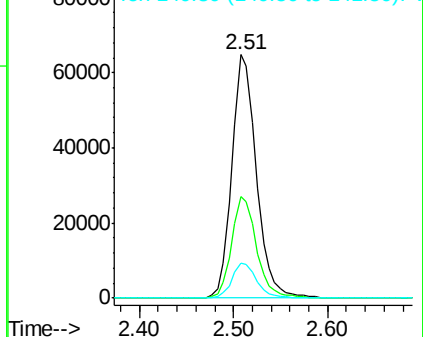
141 14.5 11.4 17.0

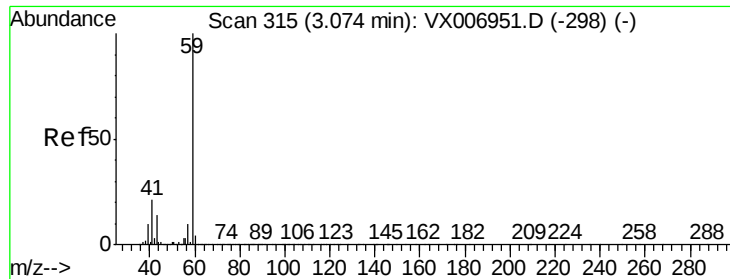


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



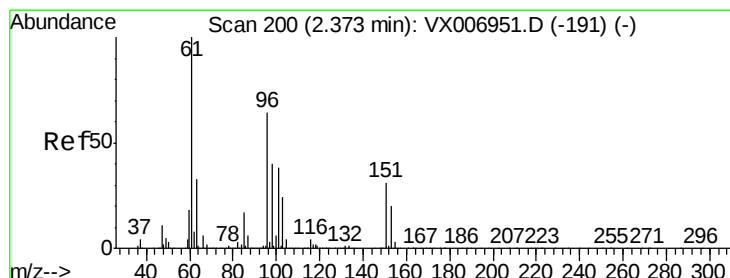
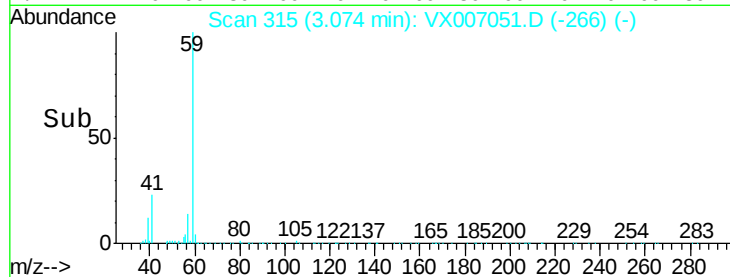
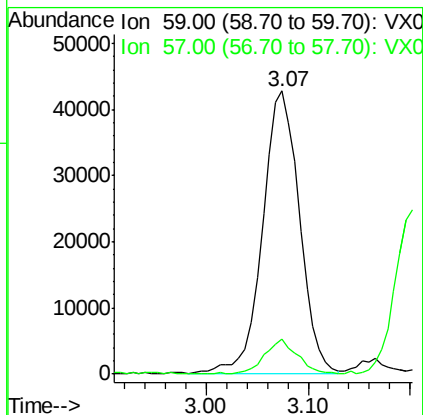
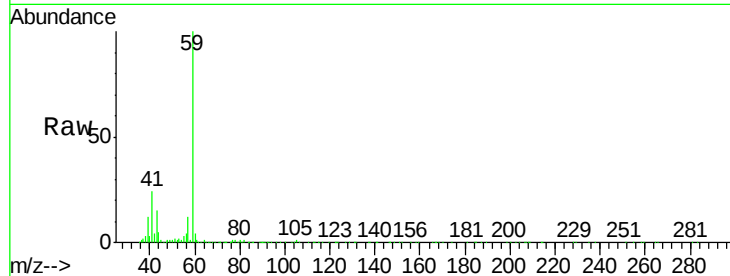


#11

Tert butyl alcohol
Concen: 83.234 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

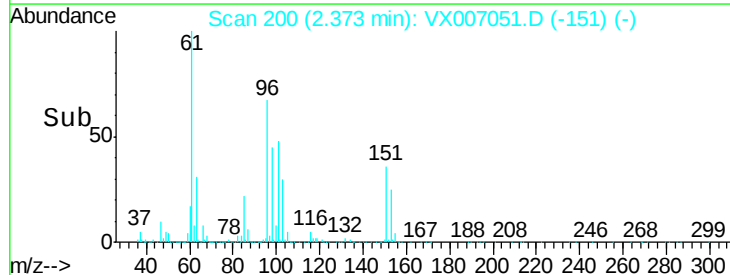
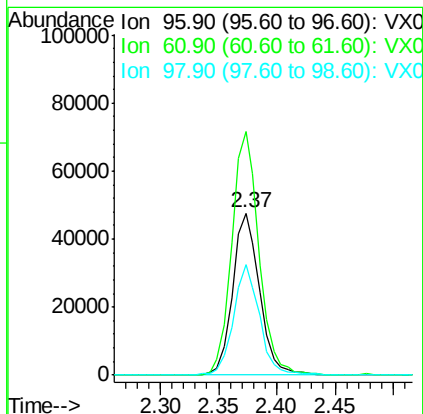
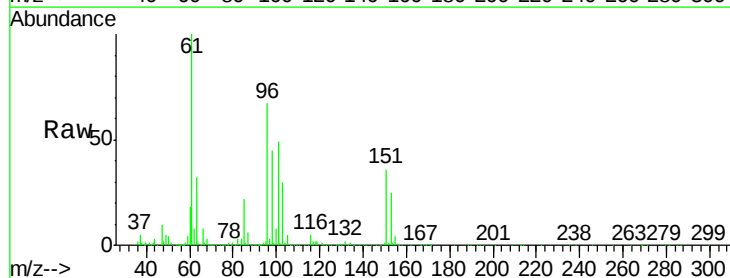
Tot Ion: 59 Resp: 107956
Ion Ratio Lower Upper
59 100
57 11.0 8.5 12.7

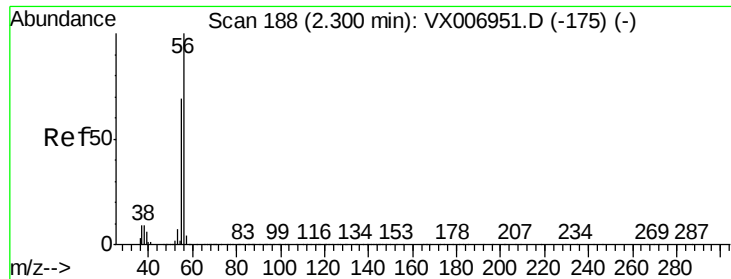


#12

1,1-Dichloroethene
Concen: 15.928 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Tgt Ion: 96 Resp: 77020
Ion Ratio Lower Upper
96 100
61 150.0 121.4 182.2
98 68.2 51.9 77.9

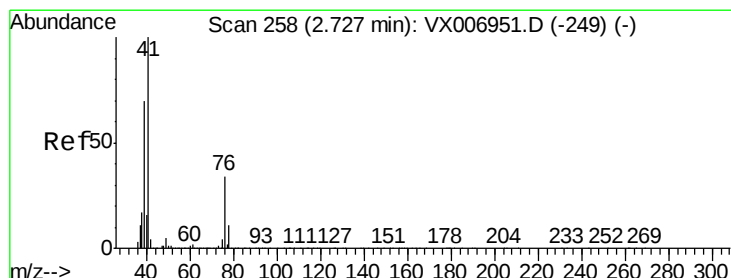
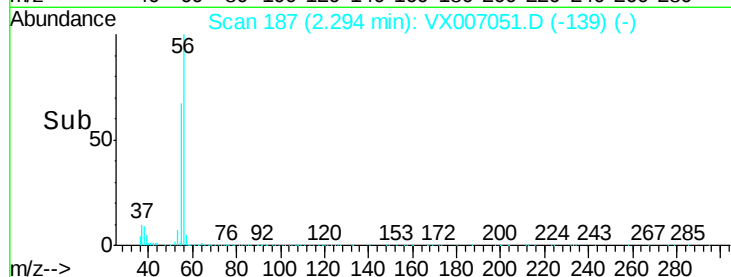
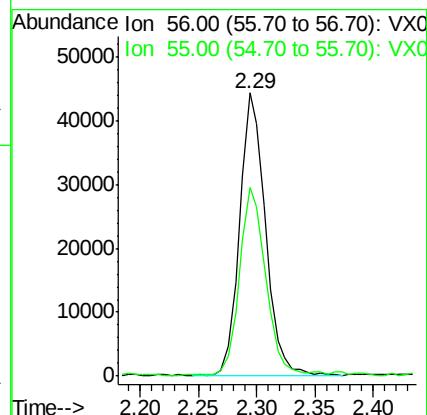
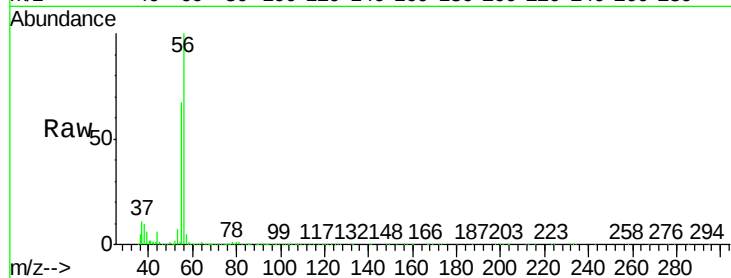




#13
Acrolein
Concen: 123.351 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

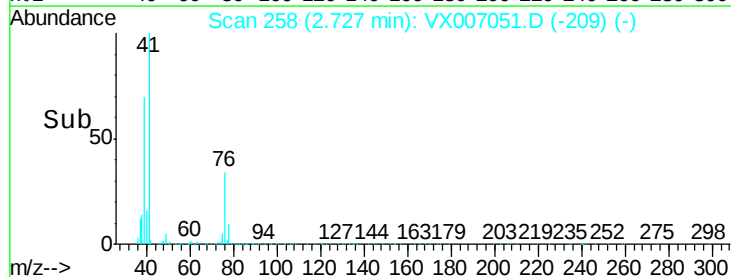
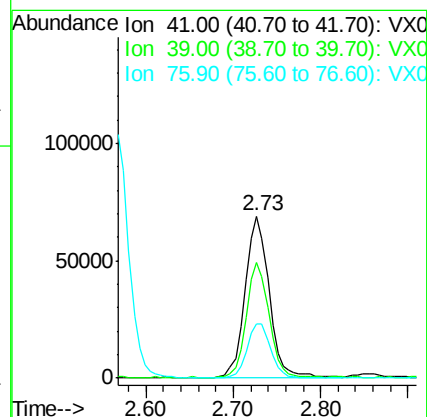
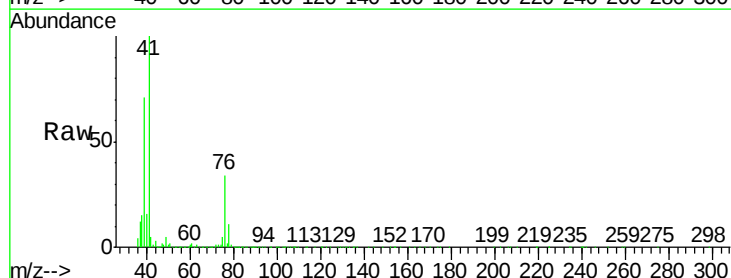
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

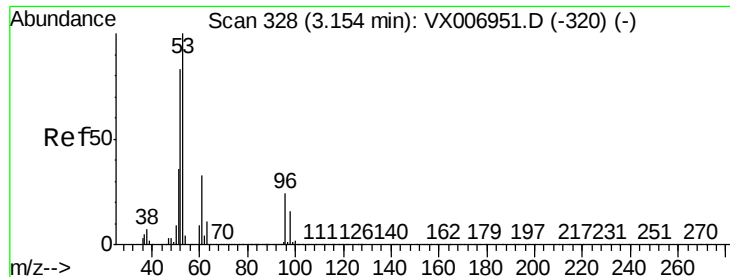
Tot Ion: 56 Resp: 68116
Ion Ratio Lower Upper
56 100
55 67.8 58.2 87.4



#14
Allyl chloride
Concen: 15.820 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Tgt Ion: 41 Resp: 131101
Ion Ratio Lower Upper
41 100
39 67.6 53.6 80.4
76 32.6 27.4 41.2





#15

Acrylonitrile

Concen: 81.004 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

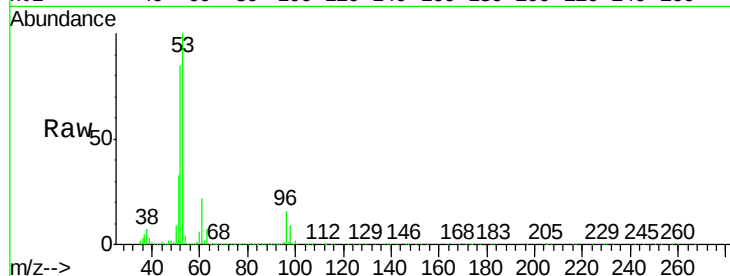
Tot Ion: 53 Resp: 241190

Ion Ratio Lower Upper

53 100

52 84.5 66.0 99.0

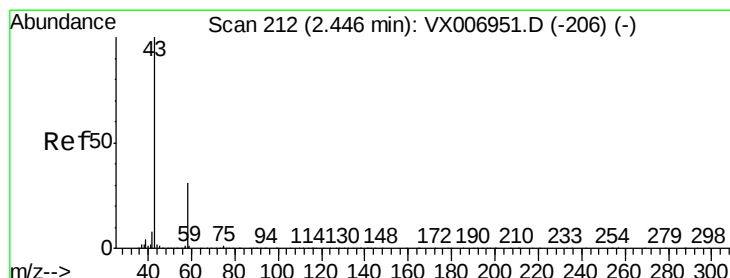
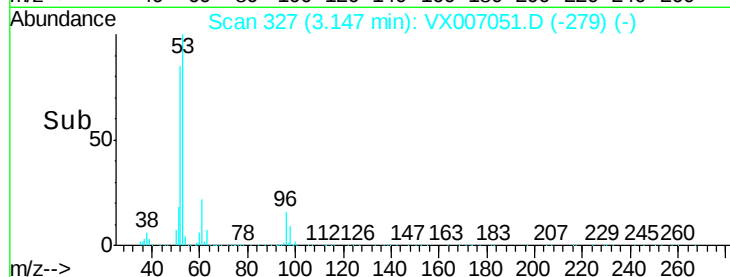
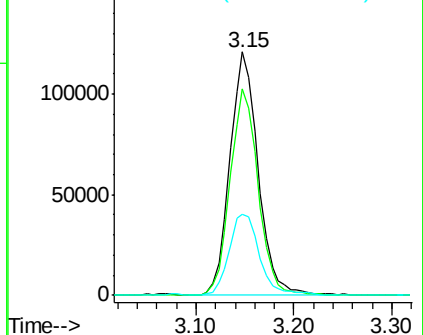
51 36.0 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 78.941 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007051.D

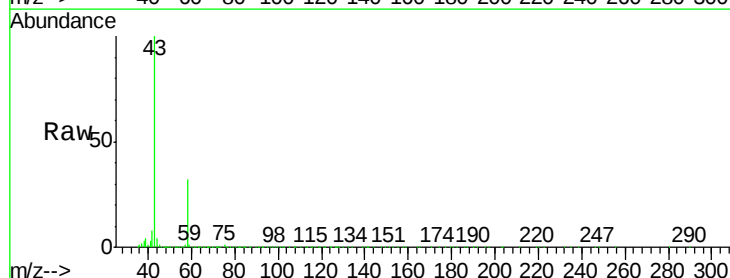
Acq: 15 Jan 2019 12:00

Tgt Ion: 43 Resp: 214579

Ion Ratio Lower Upper

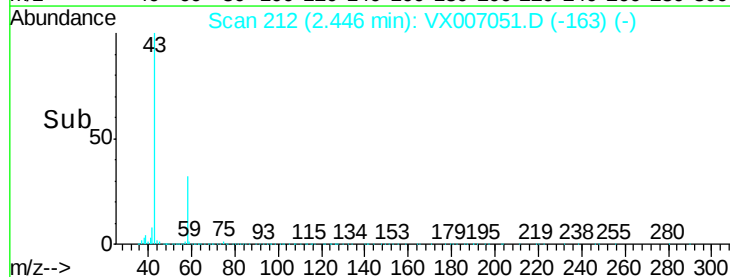
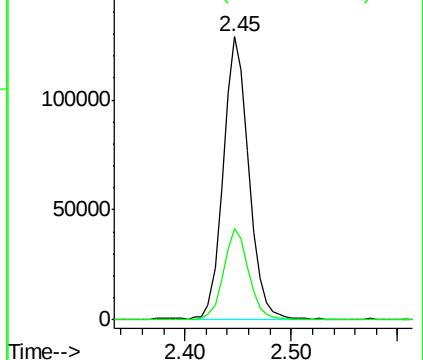
43 100

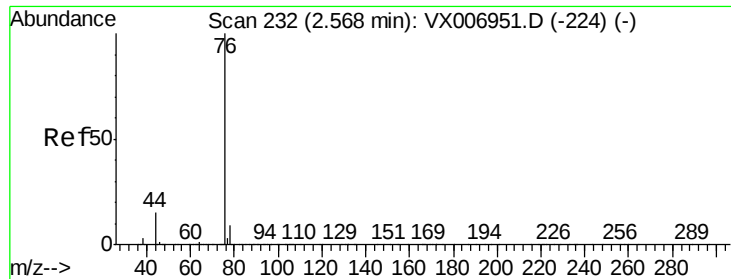
58 32.3 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 13.967 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

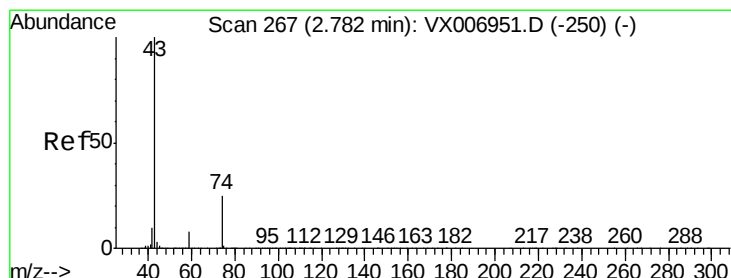
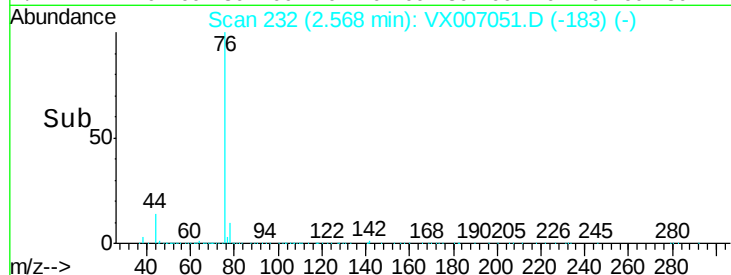
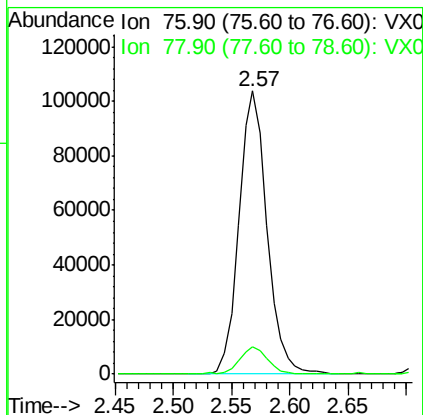
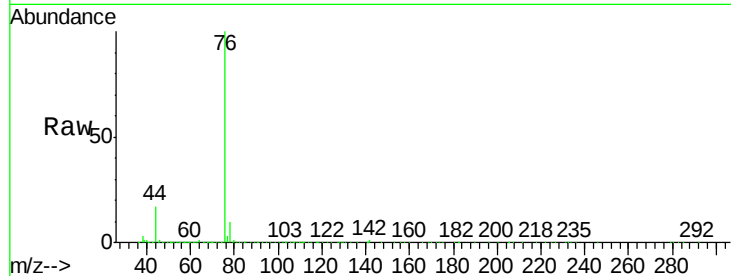
VX0115WBS01

Tot Ion: 76 Resp: 173883

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6



#18

Methyl Acetate

Concen: 16.454 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007051.D

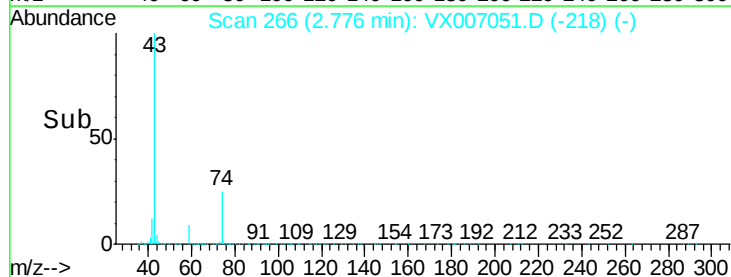
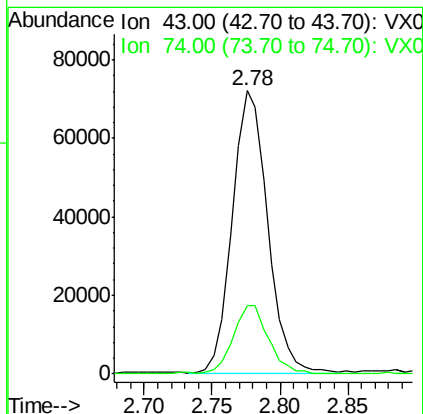
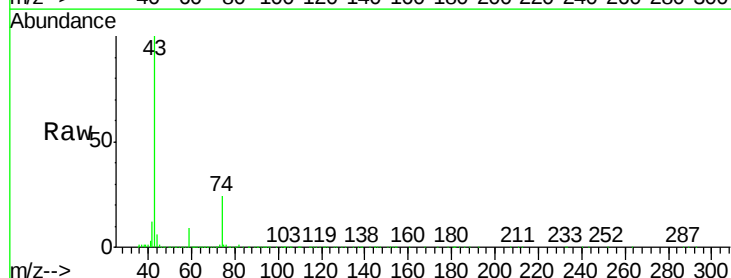
Acq: 15 Jan 2019 12:00

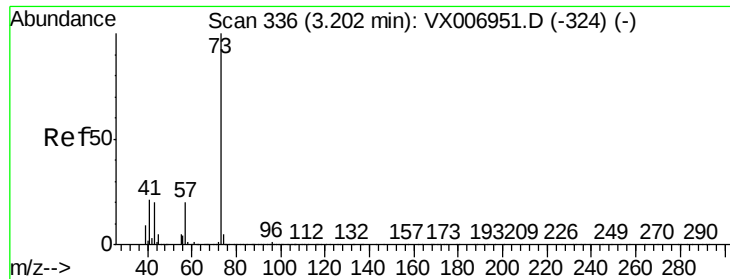
Tgt Ion: 43 Resp: 129518

Ion Ratio Lower Upper

43 100

74 25.1 18.6 28.0

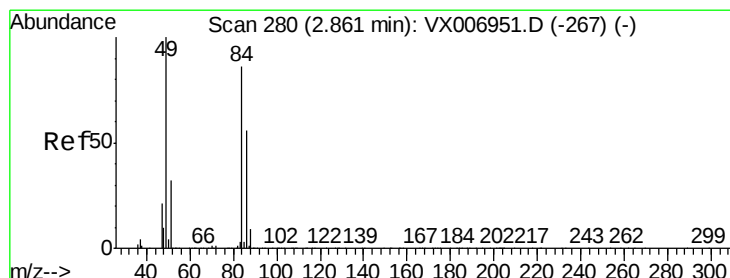
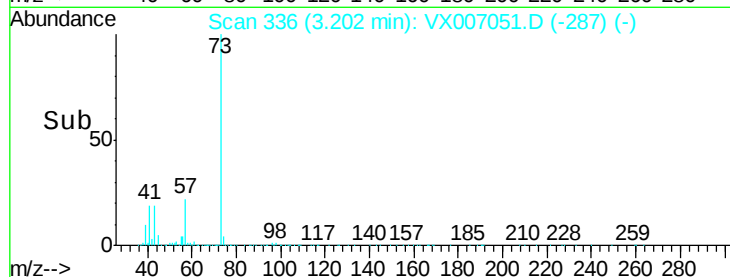
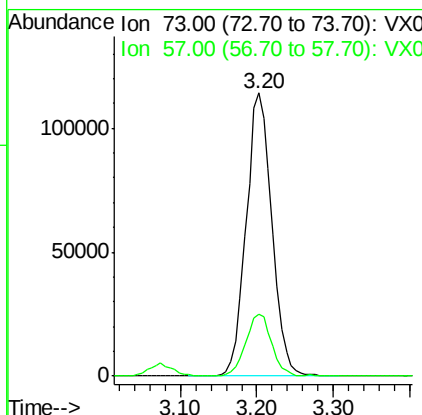
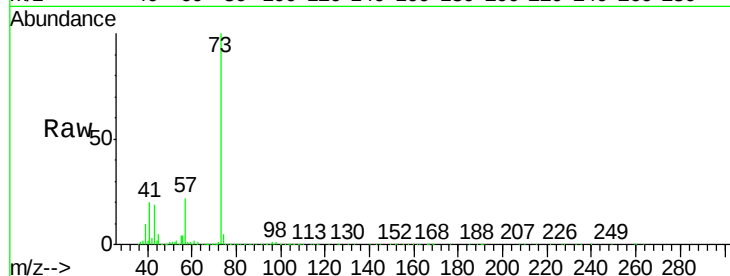




#19
Methyl tert-butyl Ether
Concen: 15.936 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

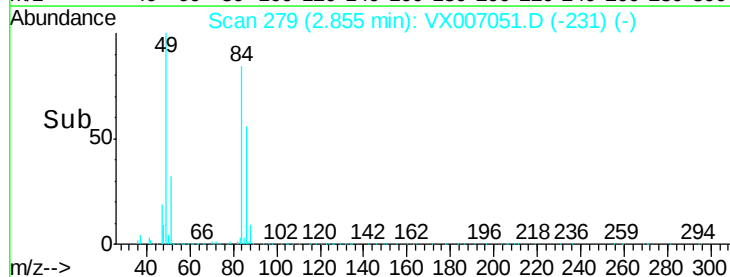
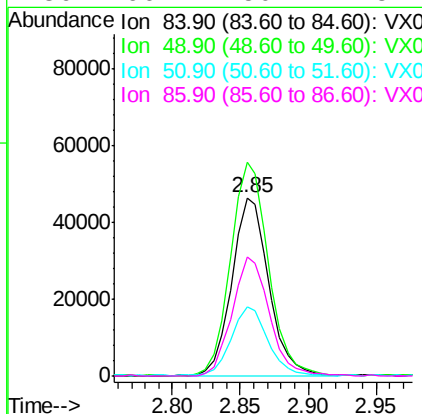
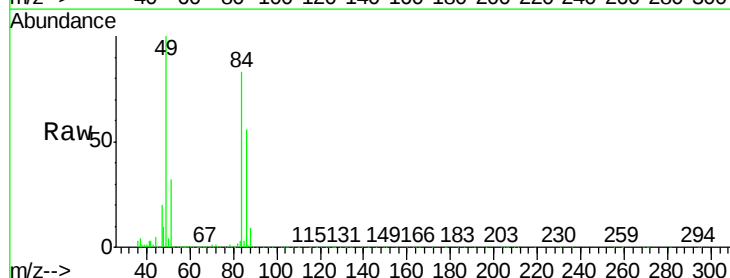
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

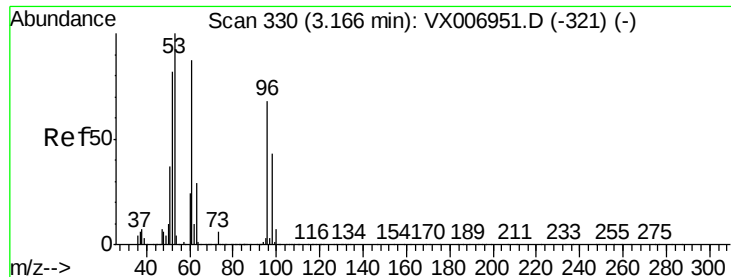
Tot Ion: 73 Resp: 267462
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2



#20
Methylene Chloride
Concen: 16.636 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Tgt Ion: 84 Resp: 87961
Ion Ratio Lower Upper
84 100
49 119.5 91.8 137.6
51 38.2 28.5 42.7
86 66.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 15.573 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

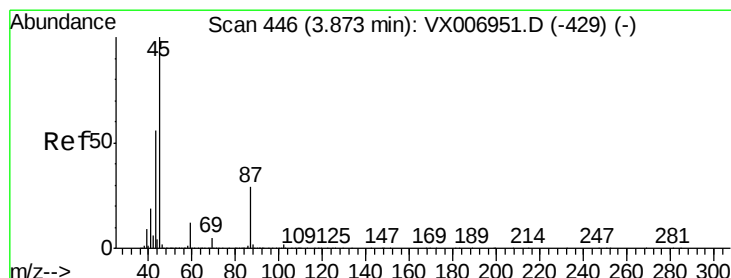
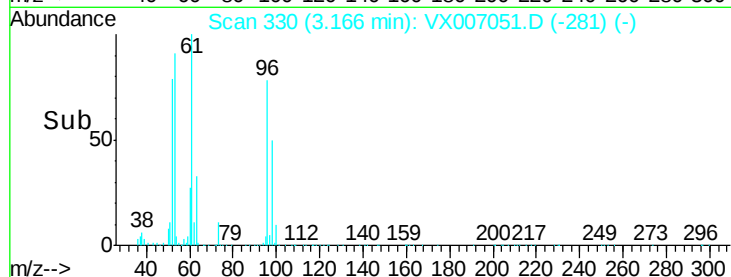
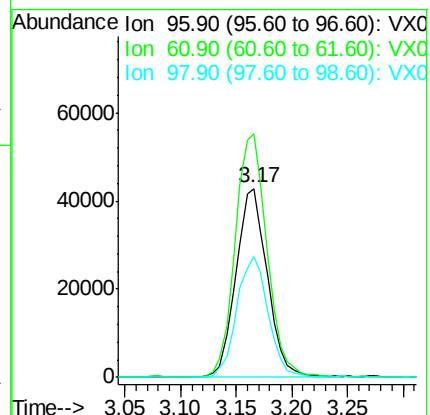
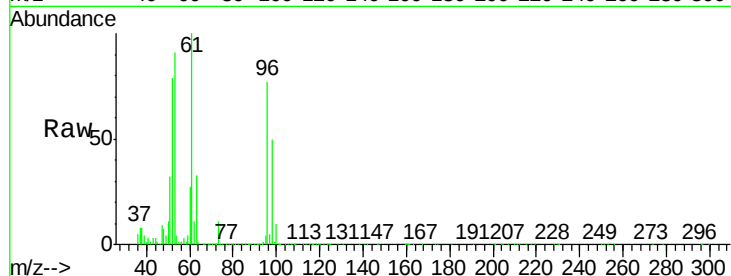
Tot Ion: 96 Resp: 83918

Ion Ratio Lower Upper

96 100

61 128.8 103.7 155.5

98 64.0 51.0 76.6



#22

Diisopropyl ether

Concen: 16.302 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Tgt Ion: 45 Resp: 253968

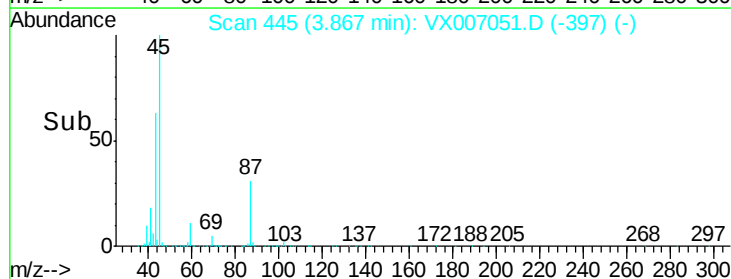
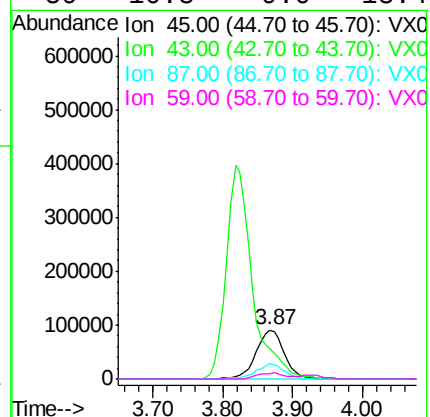
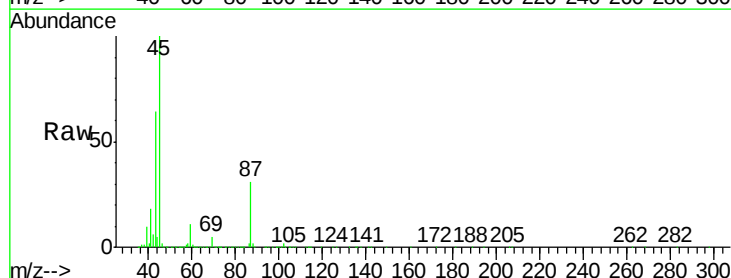
Ion Ratio Lower Upper

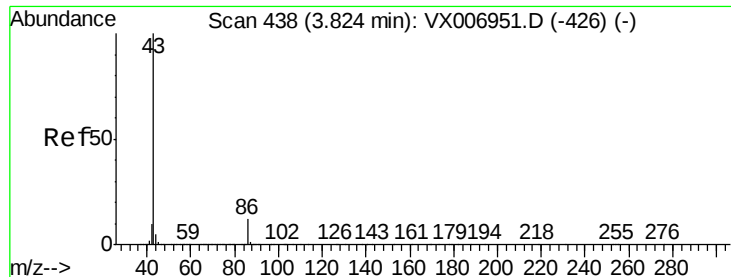
45 100

43 63.5 51.2 76.8

87 31.3 25.8 38.6

59 10.8 9.0 13.4





#23

Vinyl Acetate

Concen: 78.416 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

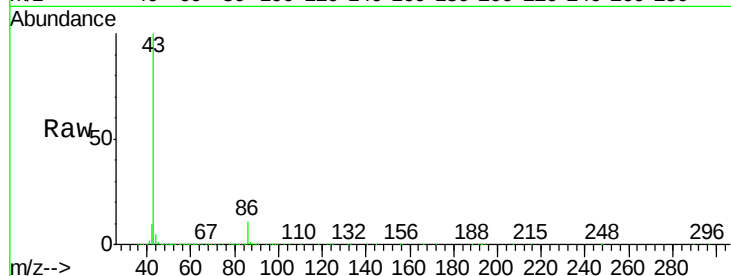
VX0115WBS01

Tot Ion: 43 Resp: 1030265

Ion Ratio Lower Upper

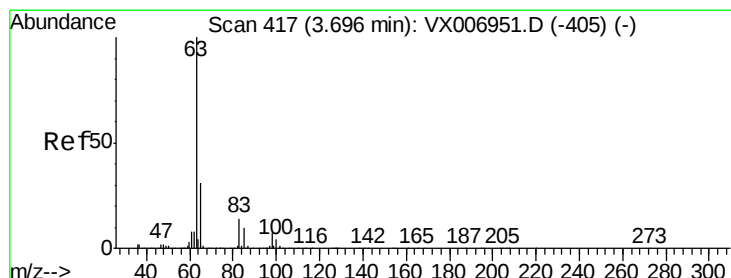
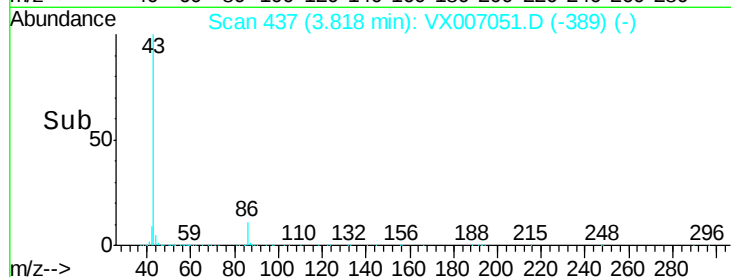
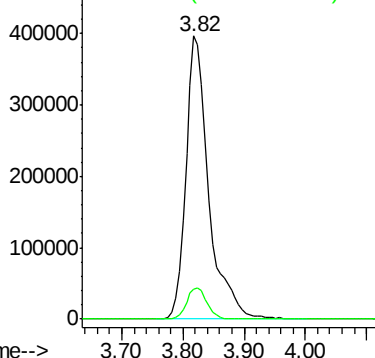
43 100

86 10.6 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: 17.041 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

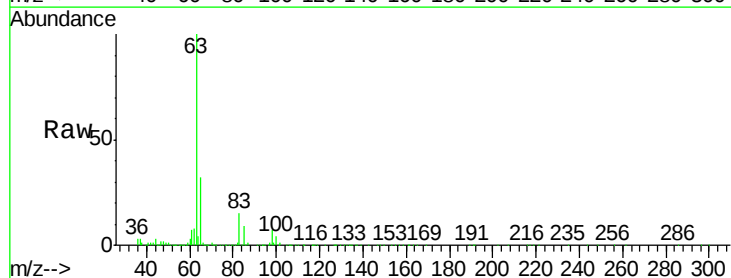
Tgt Ion: 63 Resp: 148452

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

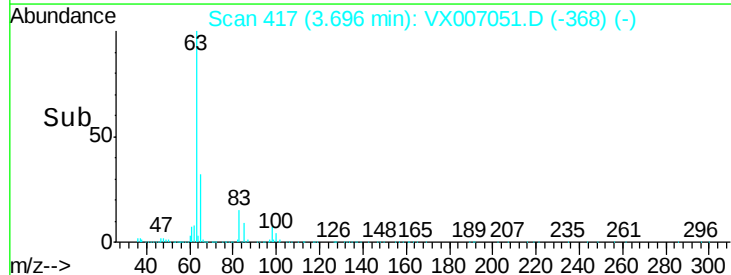
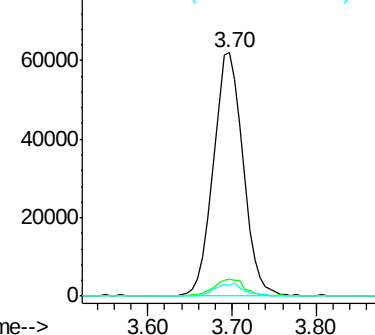
100 4.2 2.4 7.2

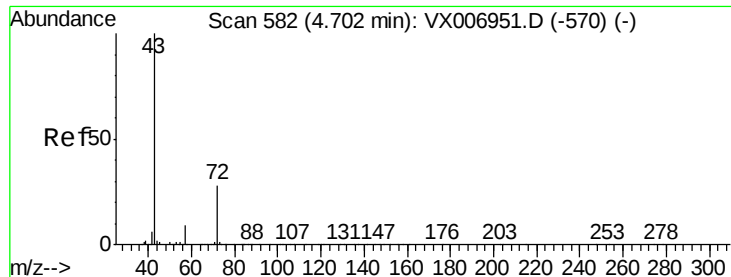


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 80.925 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

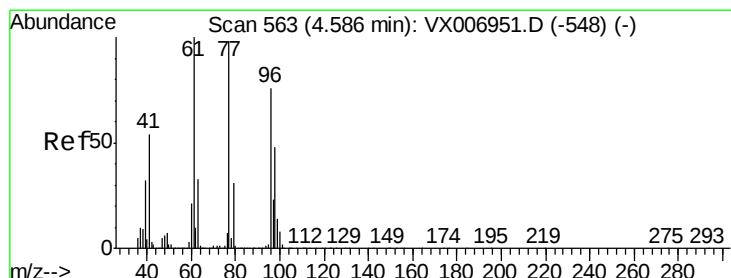
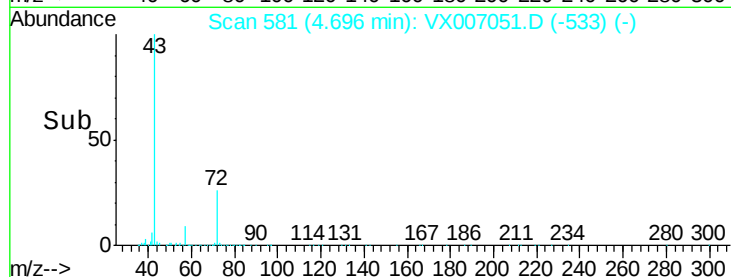
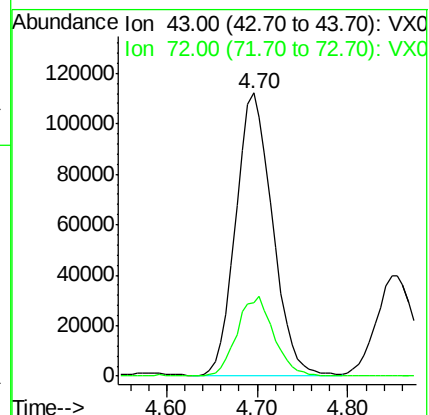
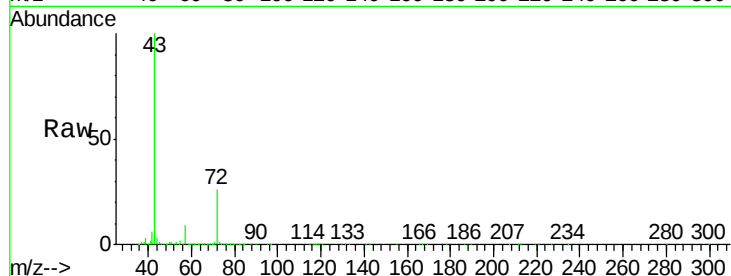
VX0115WBS01

Tot Ion: 43 Resp: 314746

Ion Ratio Lower Upper

43 100

72 25.9 22.4 33.6



#26

2,2-Dichloropropane

Concen: 15.840 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007051.D

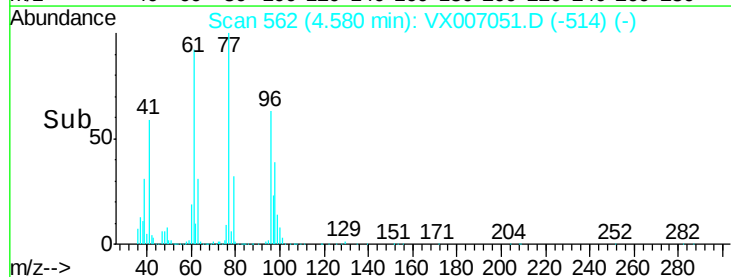
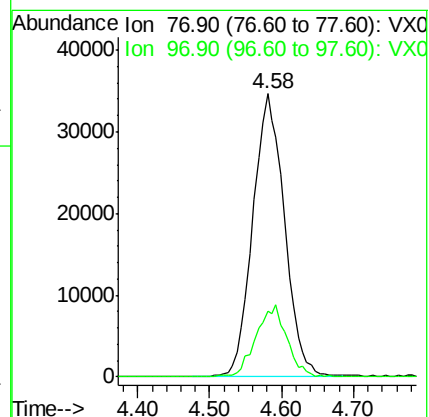
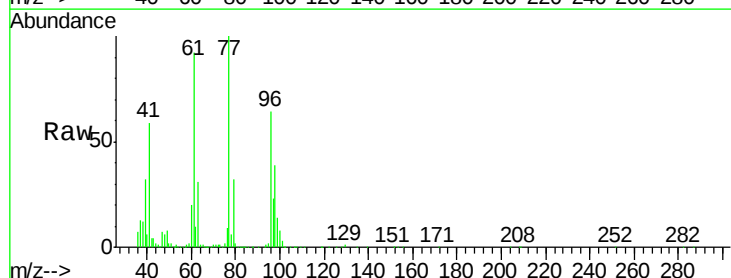
Acq: 15 Jan 2019 12:00

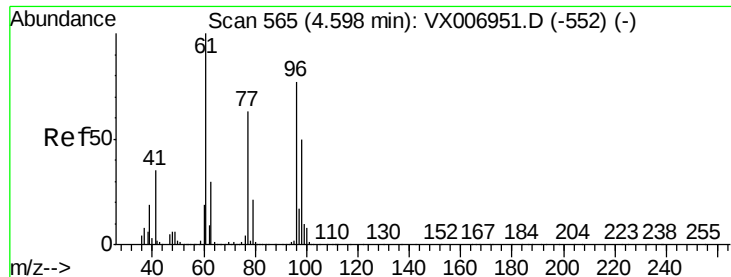
Tgt Ion: 77 Resp: 106107

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.4



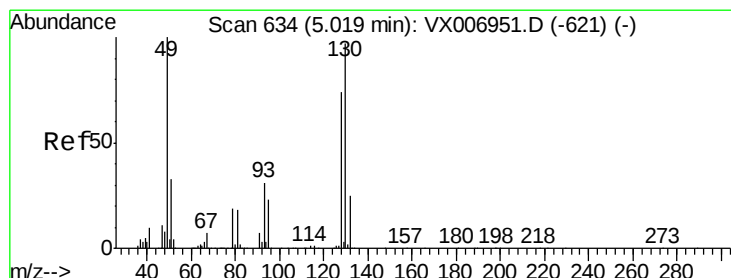
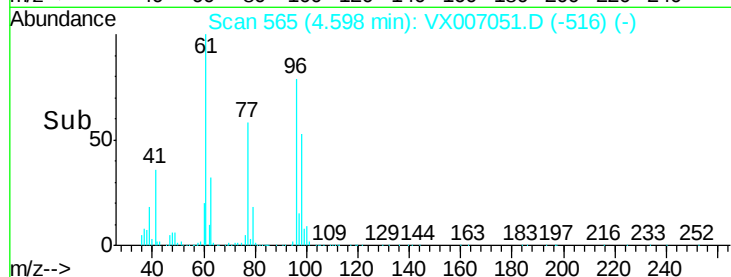
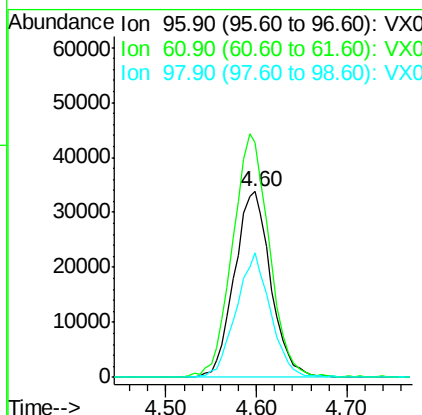
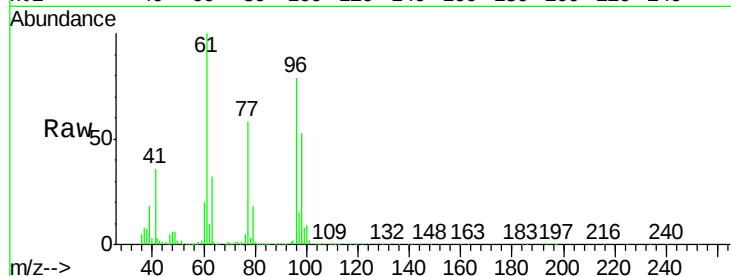


#27

cis-1,2-Dichloroethene
 Concen: 15.775 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007051.D
 Acq: 15 Jan 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

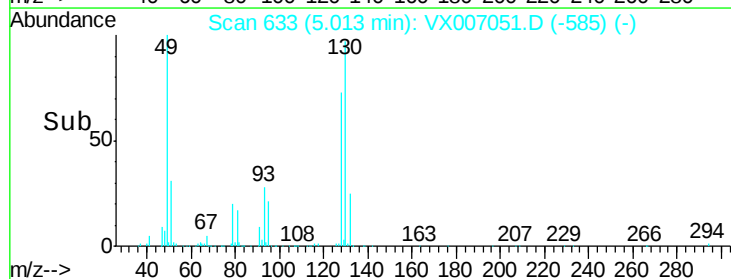
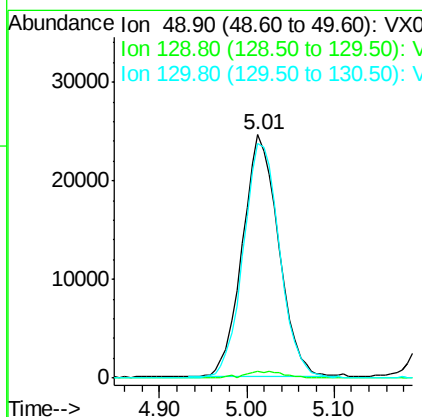
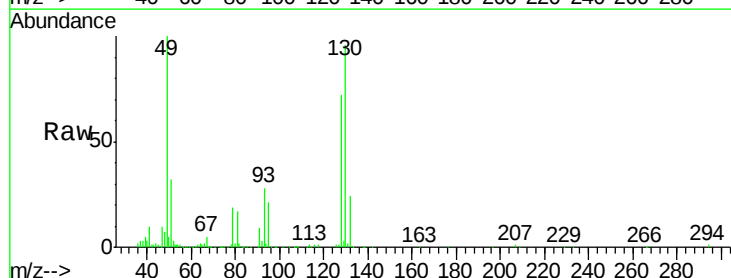
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.9	0.0	258.6
98	63.5	0.0	132.0

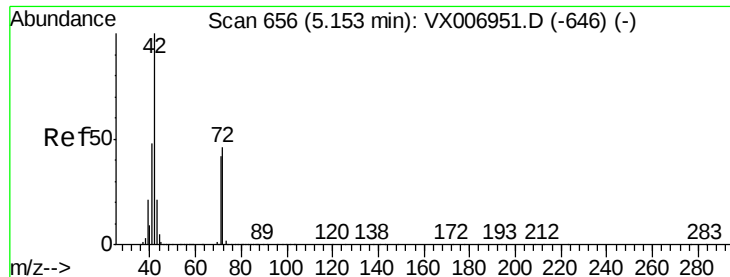


#28

Bromochloromethane
 Concen: 18.645 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007051.D
 Acq: 15 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	97.2	77.7	116.5





#29

Tetrahydrofuran

Concen: 79.480 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

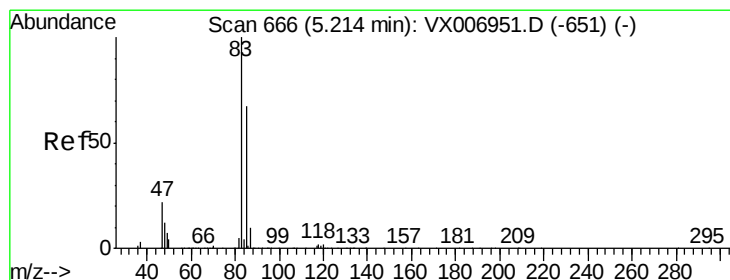
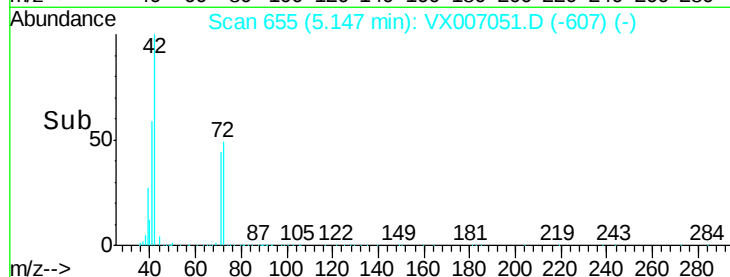
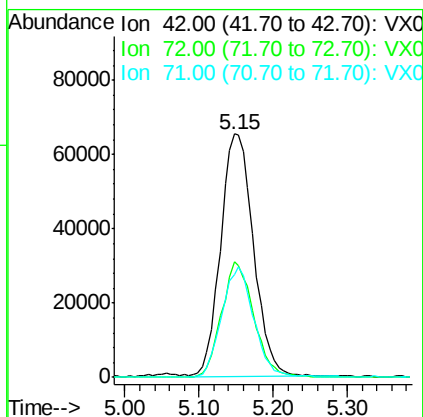
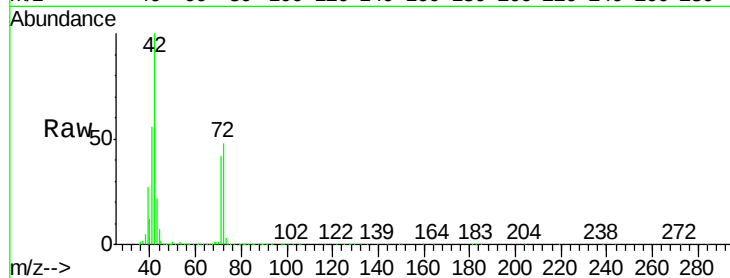
Tot Ion: 42 Resp: 200894

Ion Ratio Lower Upper

42 100

72 47.1 38.9 58.3

71 44.6 36.2 54.4



#30

Chloroform

Concen: 16.345 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007051.D

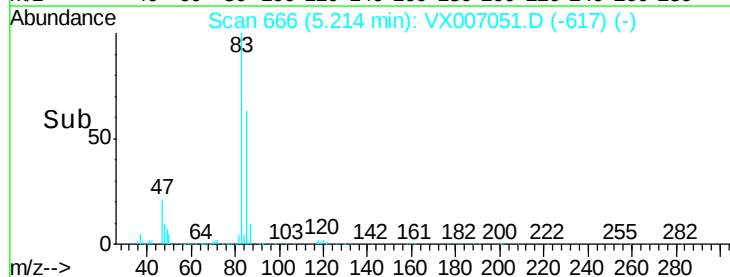
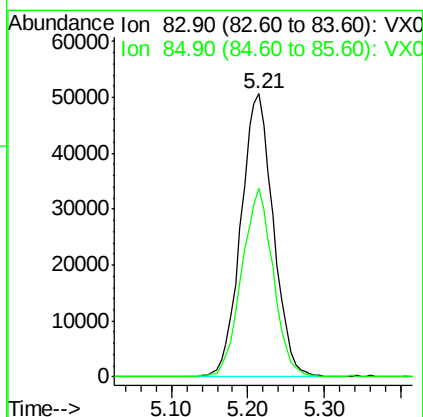
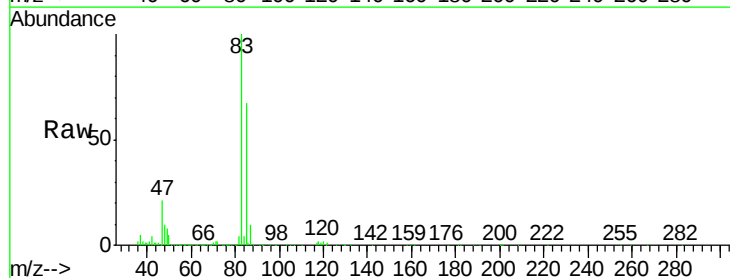
Acq: 15 Jan 2019 12:00

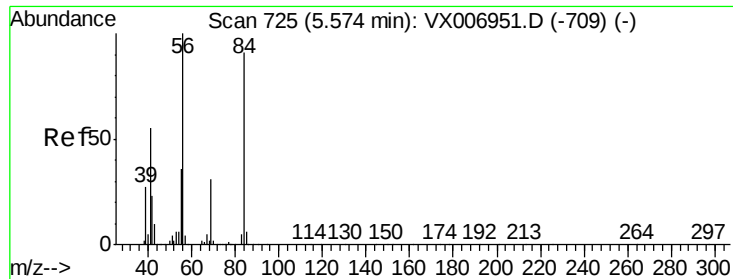
Tgt Ion: 83 Resp: 149081

Ion Ratio Lower Upper

83 100

85 66.4 51.2 76.8

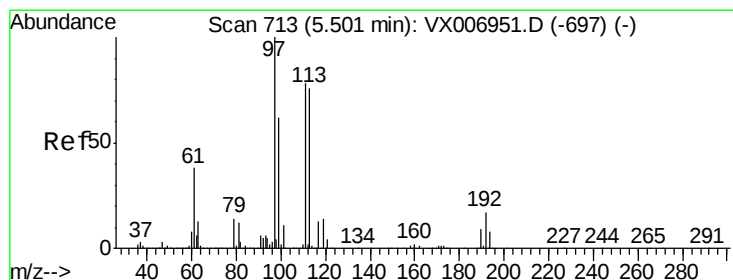
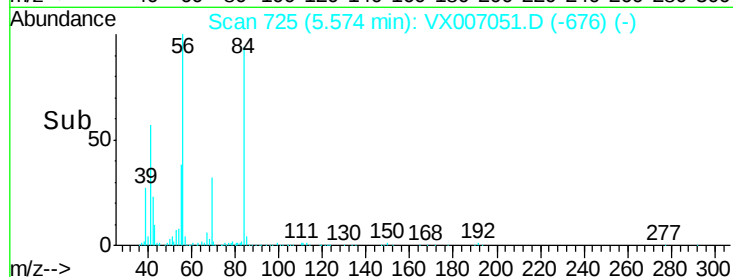
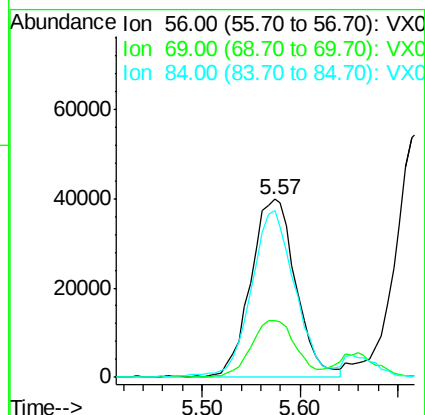
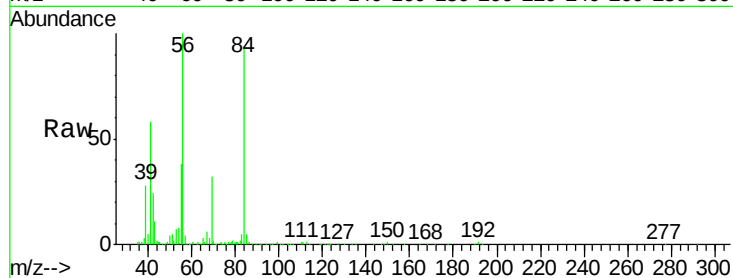




#31
Cyclohexane
Concen: 16.489 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

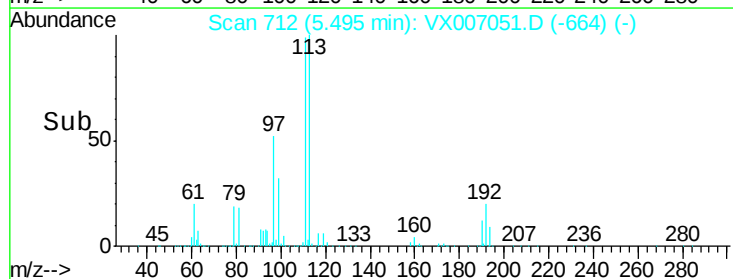
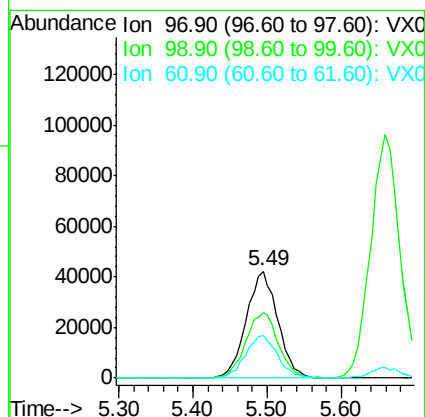
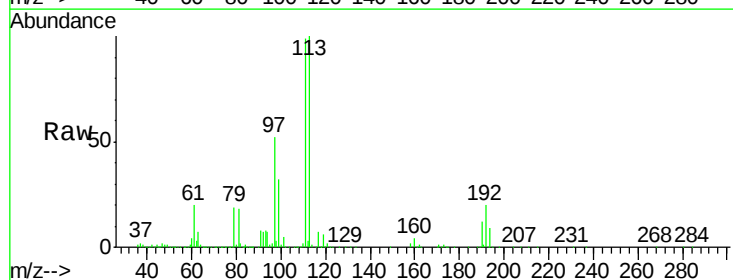
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

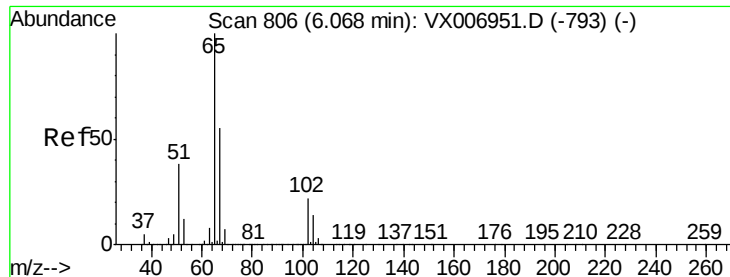
Tot Ion: 56 Resp: 127848
Ion Ratio Lower Upper
56 100
69 32.2 24.4 36.6
84 92.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 16.172 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Tgt Ion: 97 Resp: 125022
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 41.4 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 48.176 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

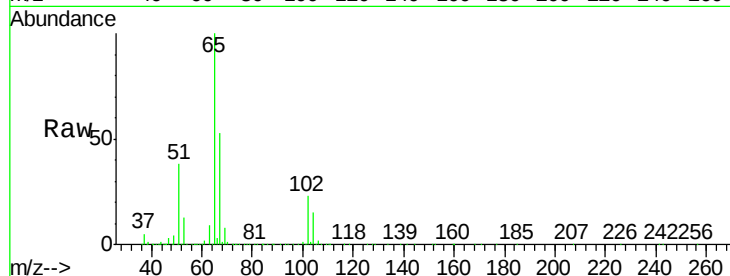
VX0115WBS01

Tot Ion: 65 Resp: 264889

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

60000

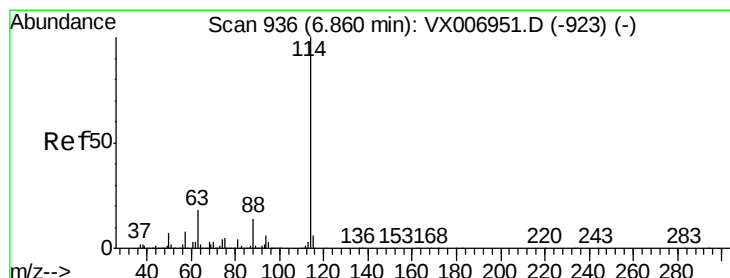
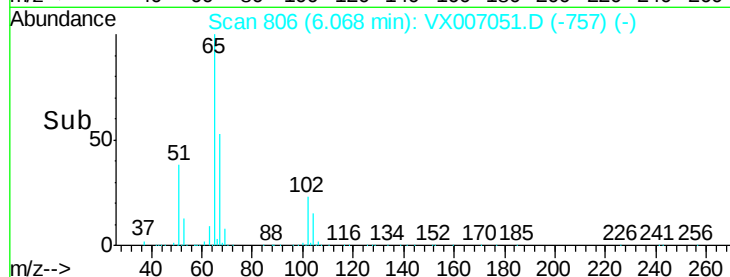
40000

20000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

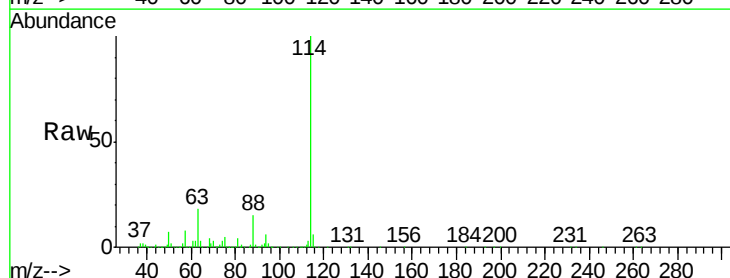
Tgt Ion: 114 Resp: 757850

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

88 15.2 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

300000

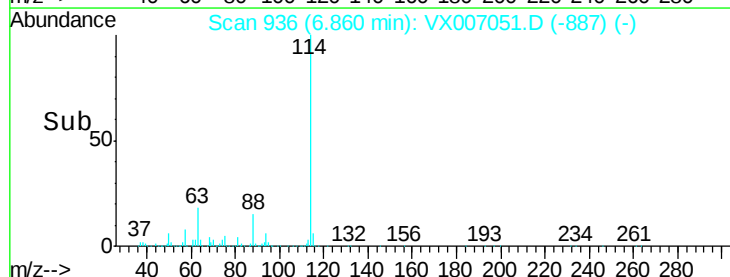
200000

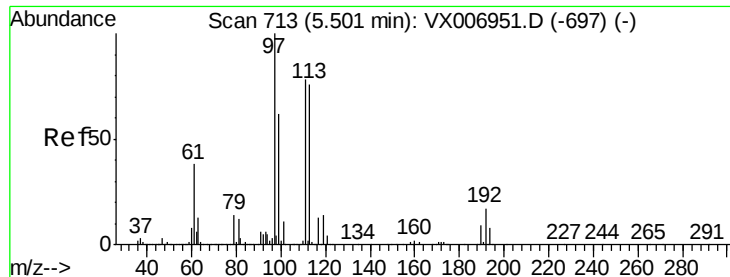
100000

0

6.80 6.90

Time-->





#35

Dibromofluoromethane

Concen: 49.067 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

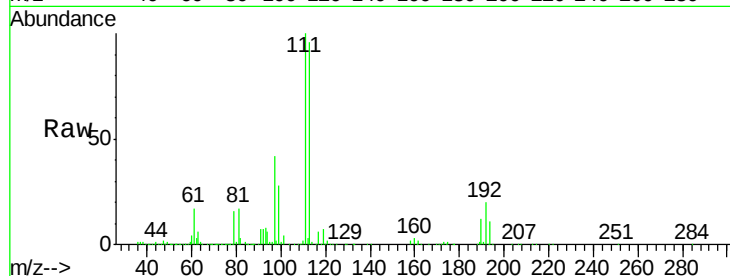
Tot Ion:113 Resp: 238133

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

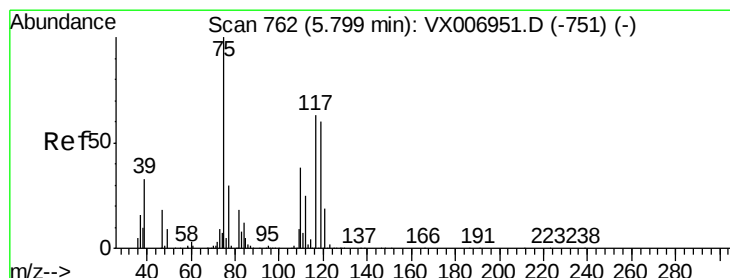
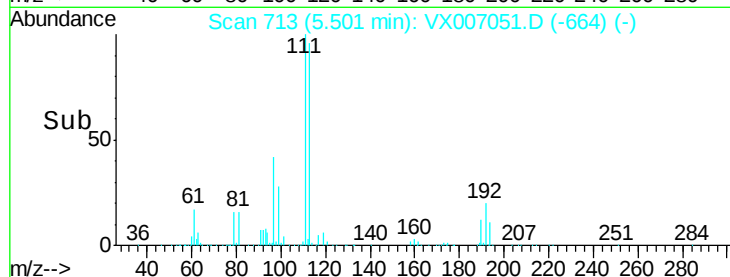
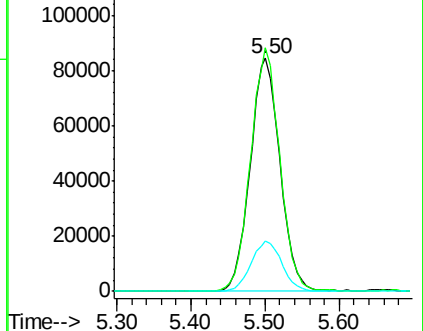
192 22.3 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.480 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

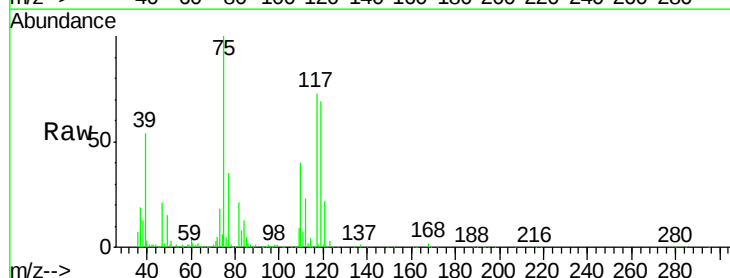
Tgt Ion: 75 Resp: 108583

Ion Ratio Lower Upper

75 100

110 39.1 20.2 60.5

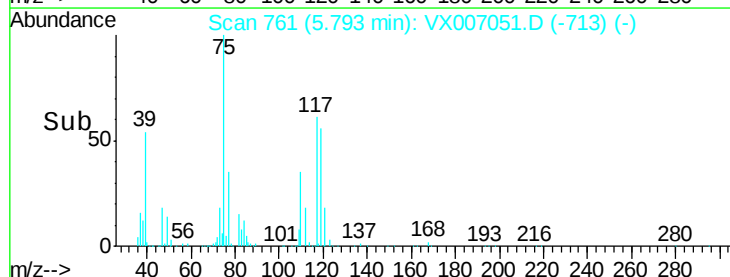
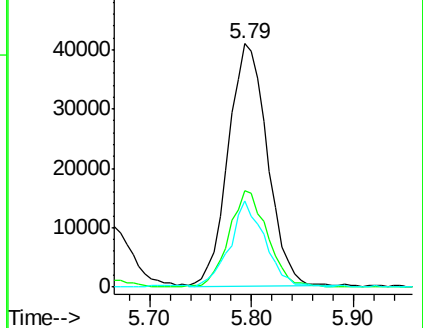
77 31.9 24.8 37.2

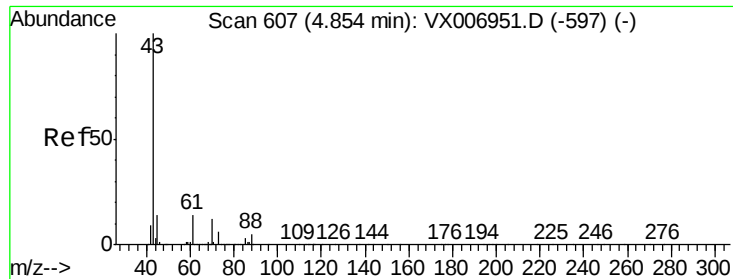


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

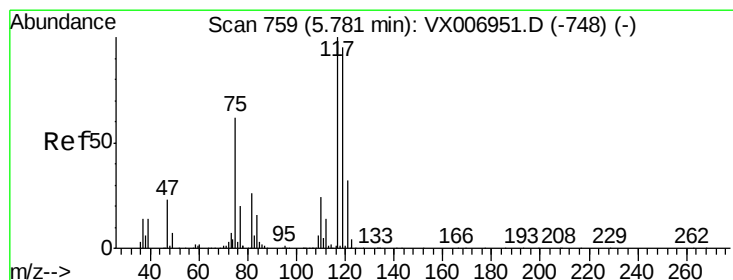
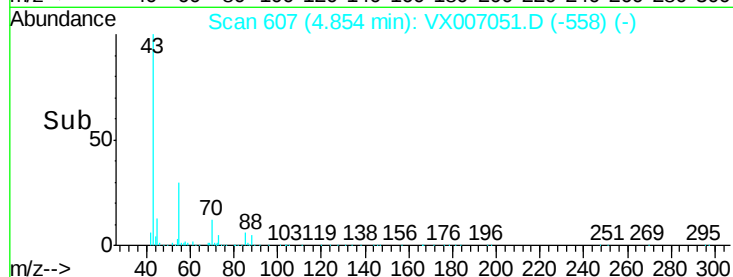
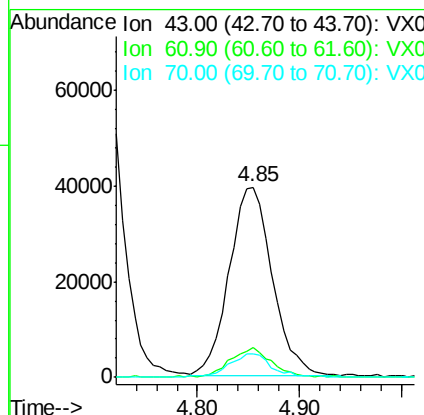
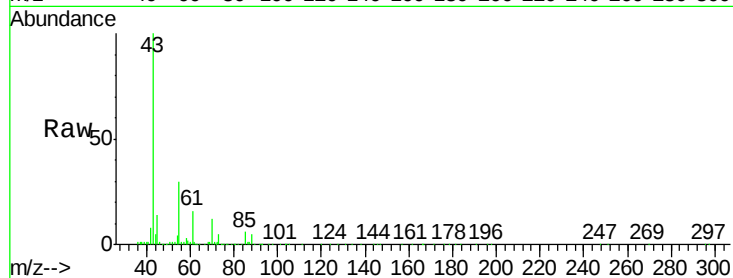




#37
Ethyl Acetate
Concen: 16.424 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

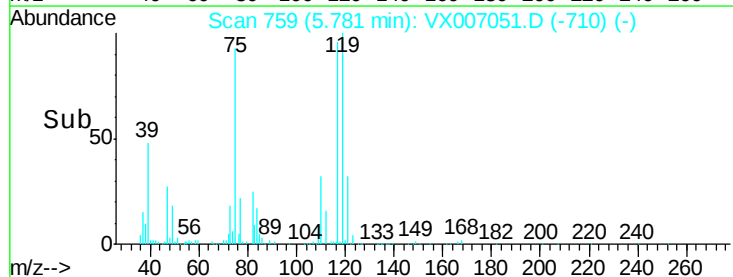
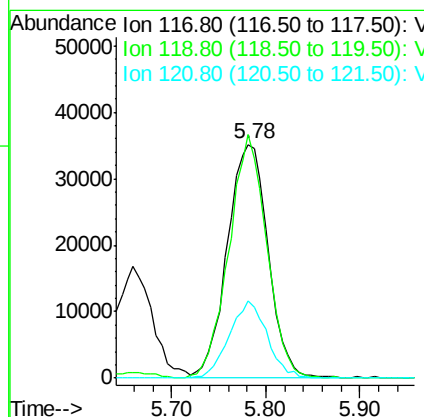
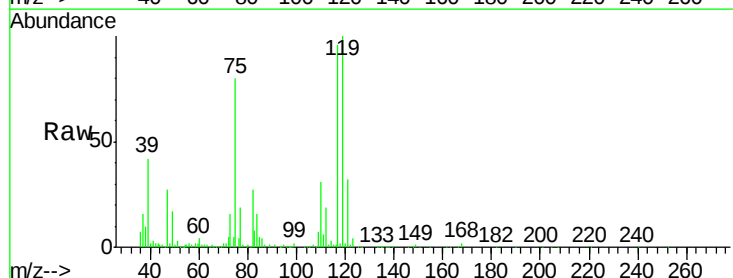
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

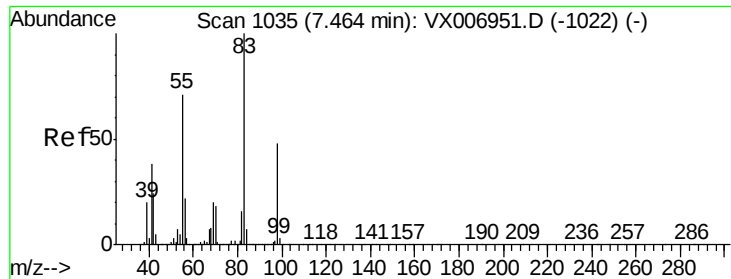
Tot Ion: 43 Resp: 116014
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 12.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 16.005 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Tgt Ion: 117 Resp: 106102
Ion Ratio Lower Upper
117 100
119 104.2 79.4 119.2
121 32.7 24.0 36.0

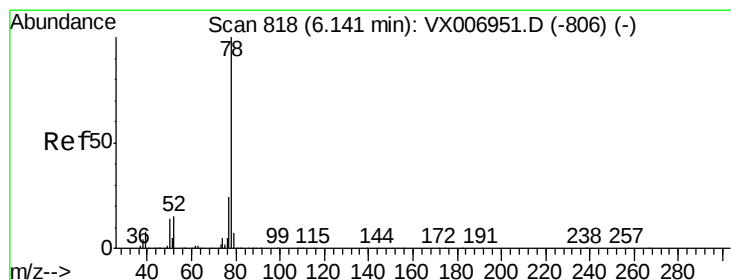
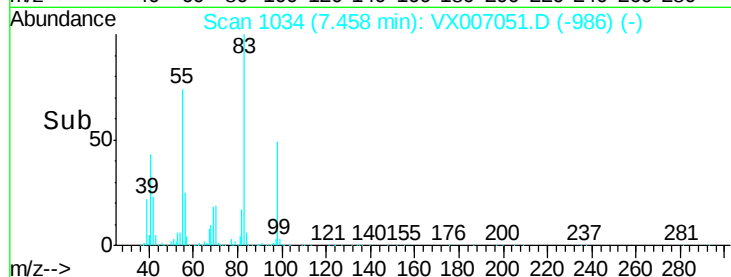
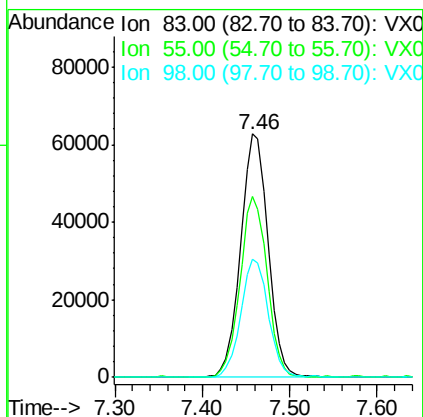
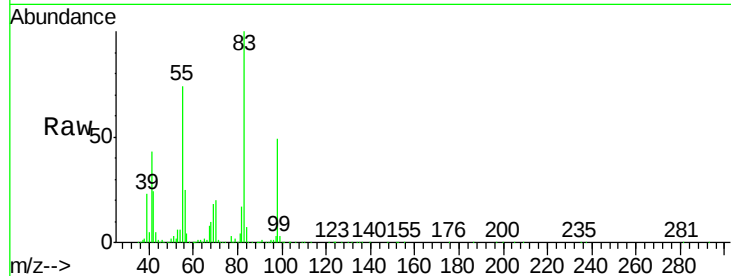




#39
Methvlcvclohexane
Concen: 16.227 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

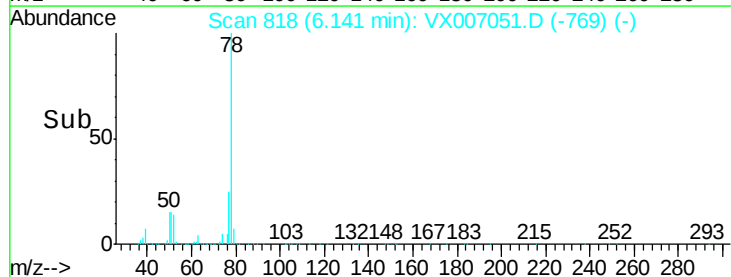
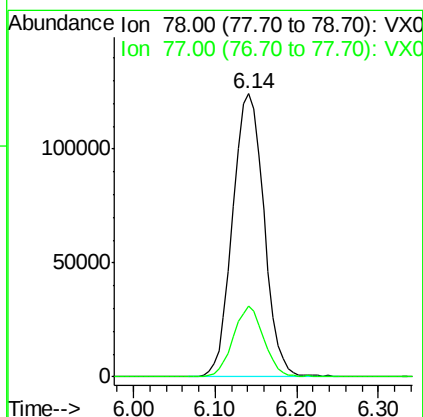
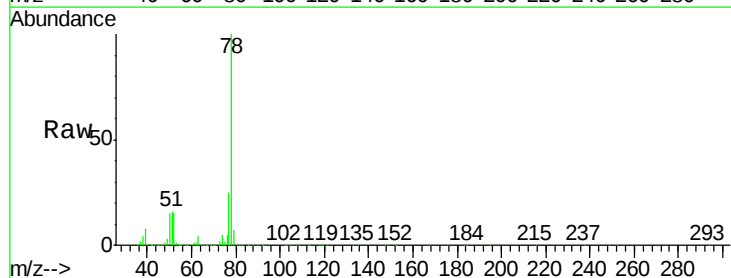
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

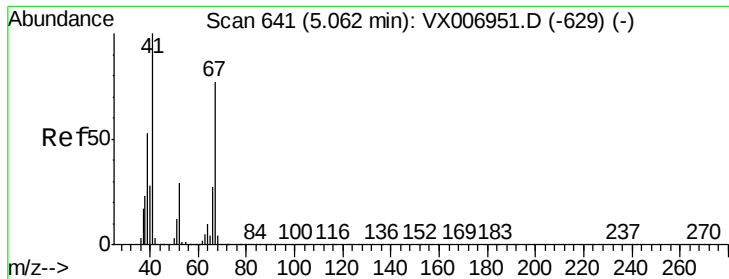
Tot Ion: 83 Resp: 136301
Ion Ratio Lower Upper
83 100
55 74.0 54.9 82.3
98 48.7 37.9 56.9



#40
Benzene
Concen: 16.463 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Tgt Ion: 78 Resp: 330977
Ion Ratio Lower Upper
78 100
77 25.2 19.2 28.8





#41

Methacrylonitrile

Concen: 16.087 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

Tot Ion: 41 Resp: 65463

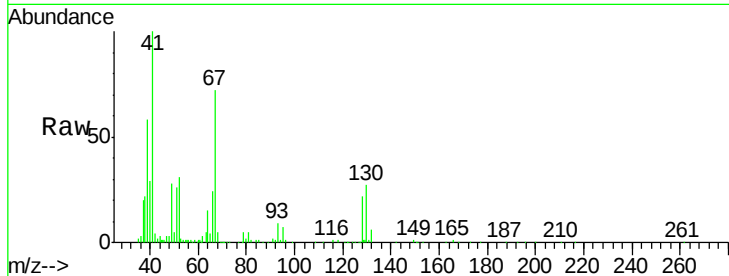
Ion Ratio Lower Upper

41 100

39 55.2 42.8 64.2

67 75.3 62.1 93.1

52 28.4 23.4 35.0

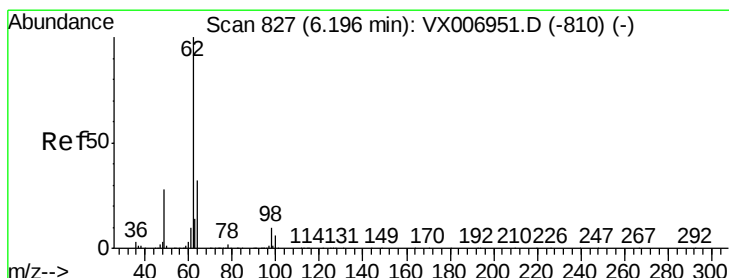
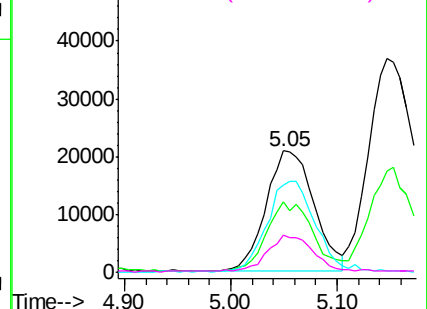
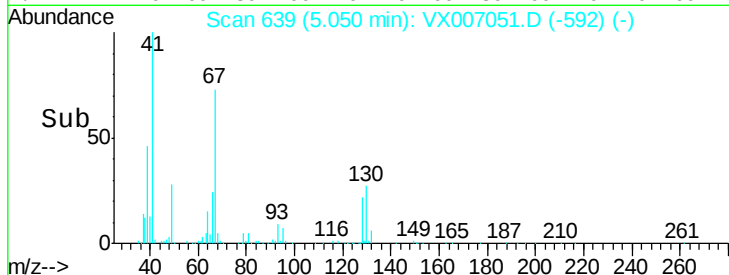


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 16.290 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007051.D

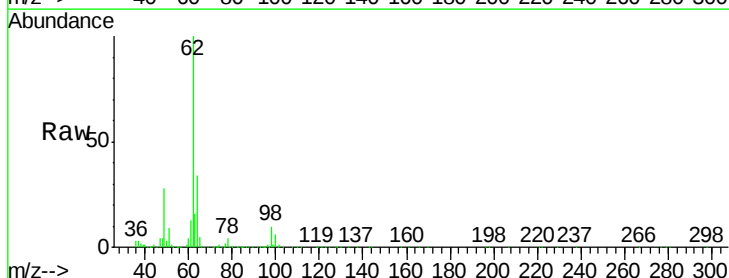
Acq: 15 Jan 2019 12:00

Tgt Ion: 62 Resp: 113174

Ion Ratio Lower Upper

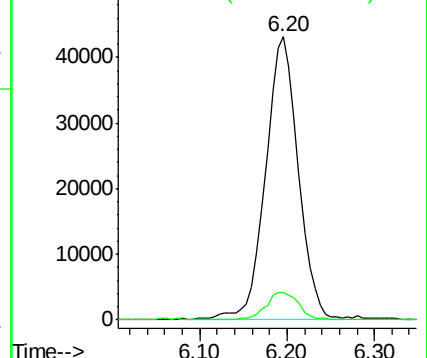
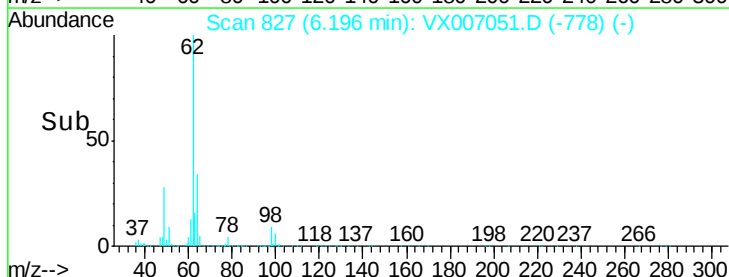
62 100

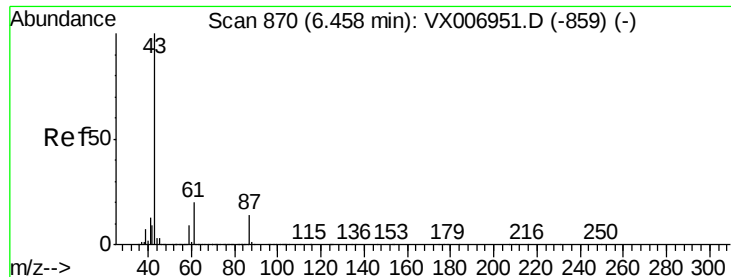
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



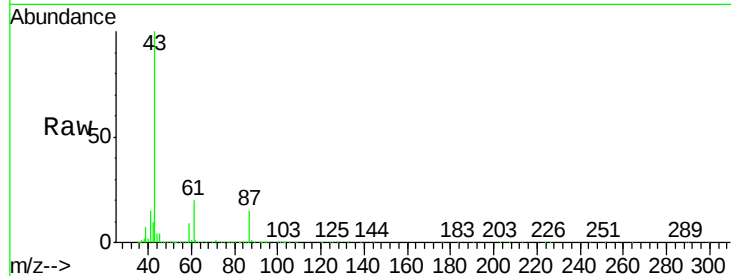


#43

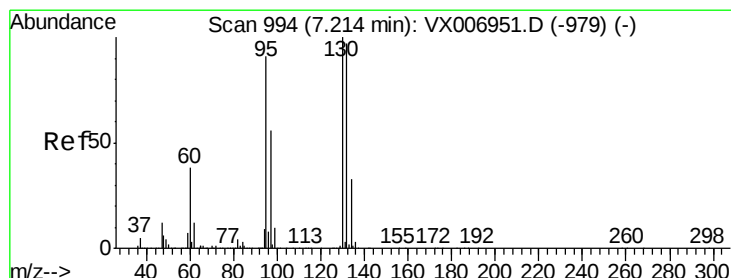
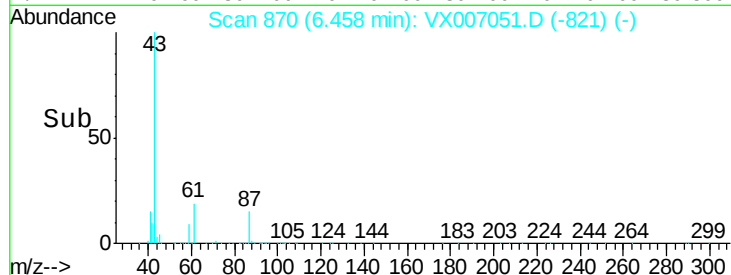
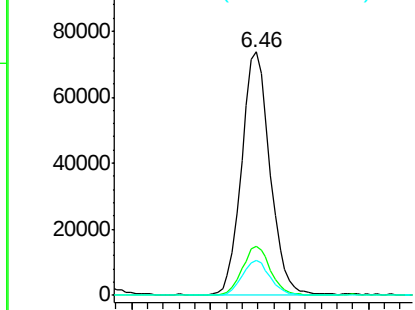
Isopropyl Acetate
 Concen: 16.670 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007051.D
 Acq: 15 Jan 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Tot Ion	43	Resp	185744
Ion Ratio	Lower	Upper	
43	100		
61	20.0	16.8	25.2
87	14.2	12.4	18.6



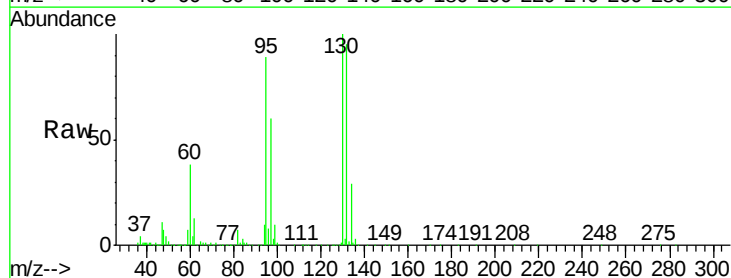
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



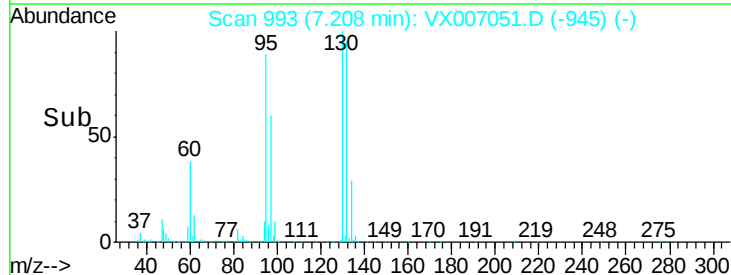
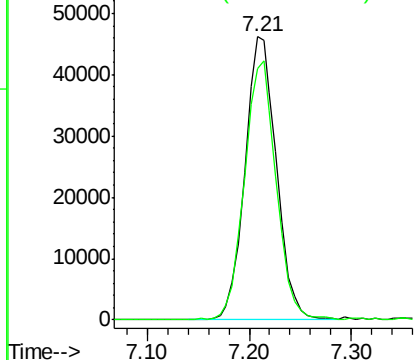
#44

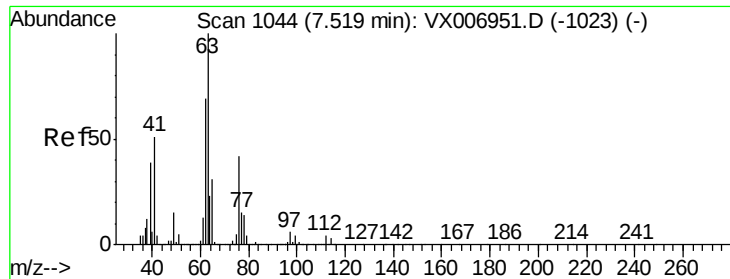
Trichloroethene
 Concen: 16.431 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX007051.D
 Acq: 15 Jan 2019 12:00

Tgt Ion	130	Resp	98987
Ion Ratio	Lower	Upper	
130	100		
95	88.6	0.0	187.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 16.676 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

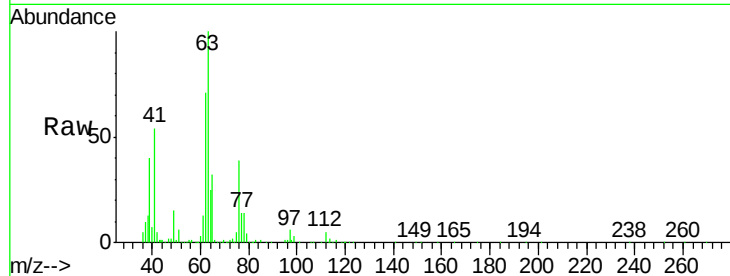
VX0115WBS01

Tot Ion: 63 Resp: 84289

Ion Ratio Lower Upper

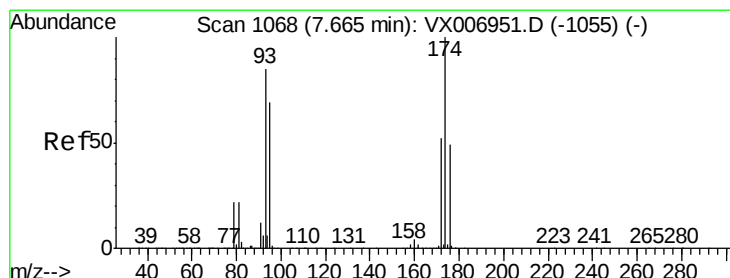
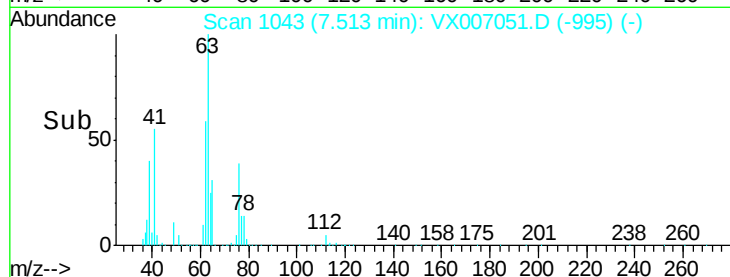
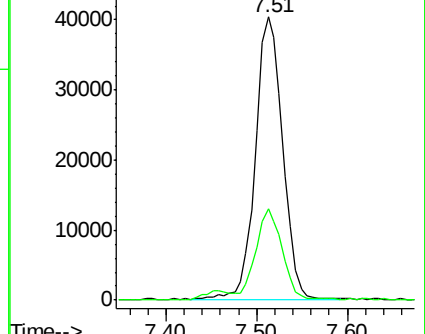
63 100

65 32.0 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 16.778 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

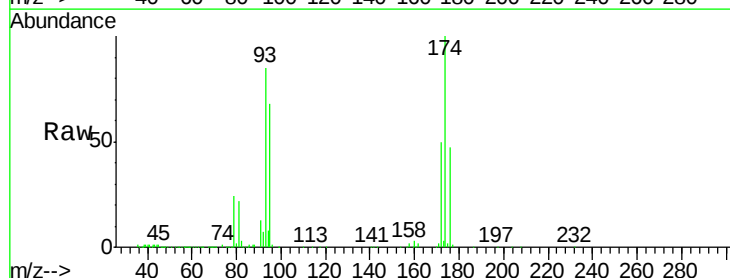
Tgt Ion: 93 Resp: 59598

Ion Ratio Lower Upper

93 100

95 80.8 66.2 99.4

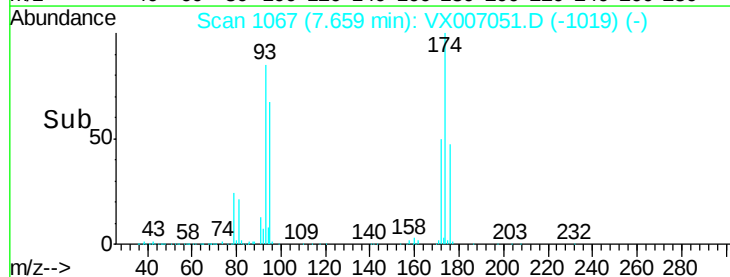
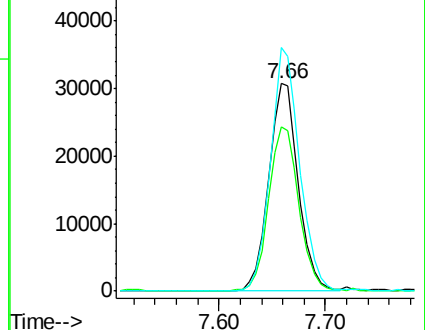
174 115.6 91.0 136.4

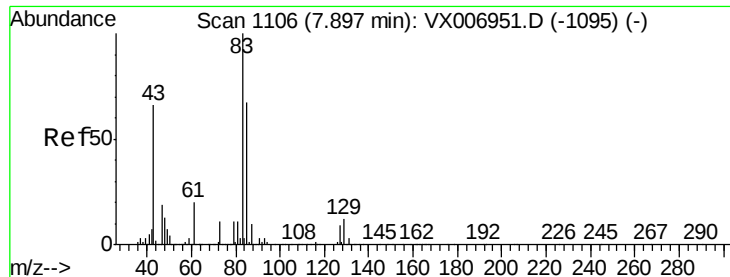


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 16.261 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

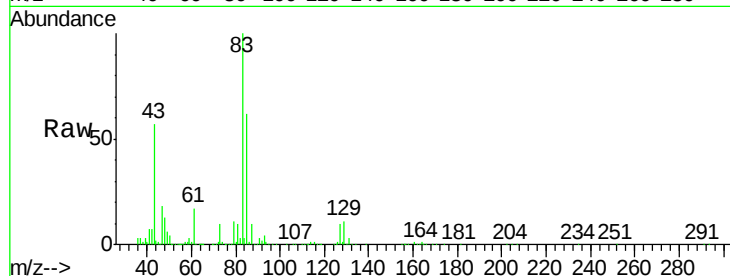
Tot Ion: 83 Resp: 98323

Ion Ratio Lower Upper

83 100

85 62.2 53.2 79.8

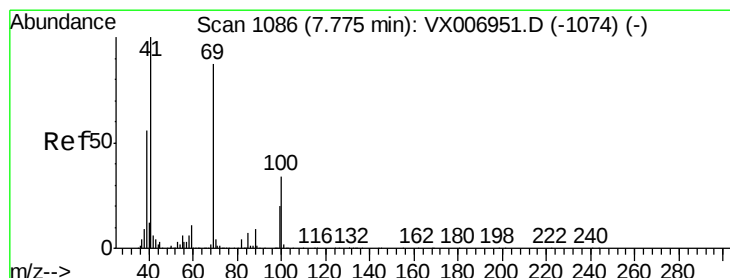
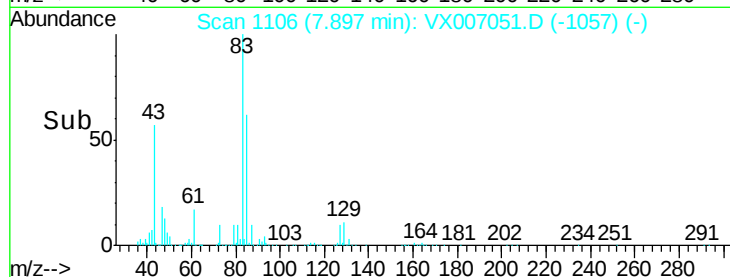
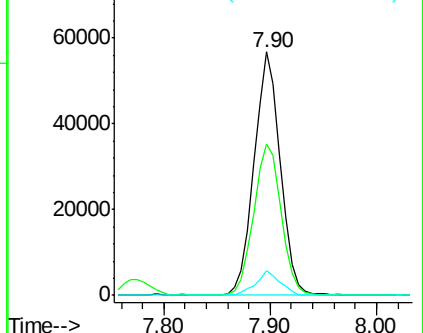
127 10.4 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.564 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

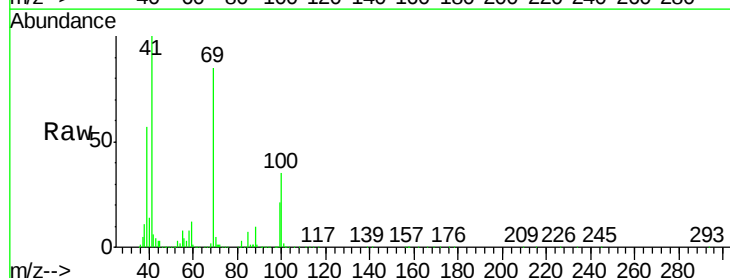
Tgt Ion: 41 Resp: 94779

Ion Ratio Lower Upper

41 100

69 86.6 72.4 108.6

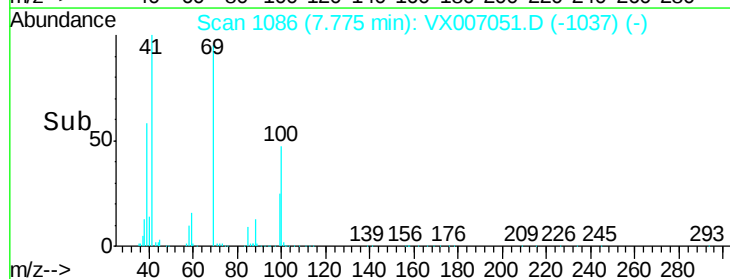
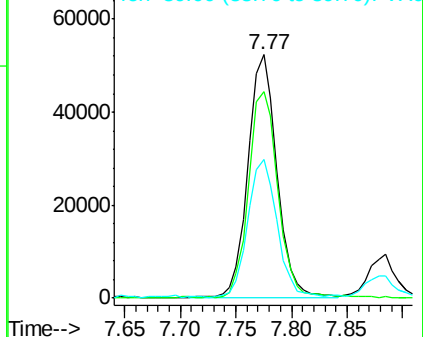
39 57.2 45.8 68.8

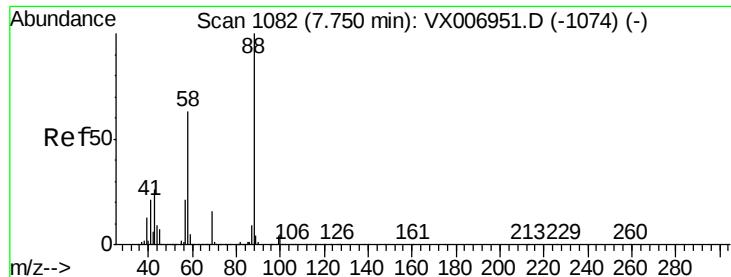


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 344.447 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

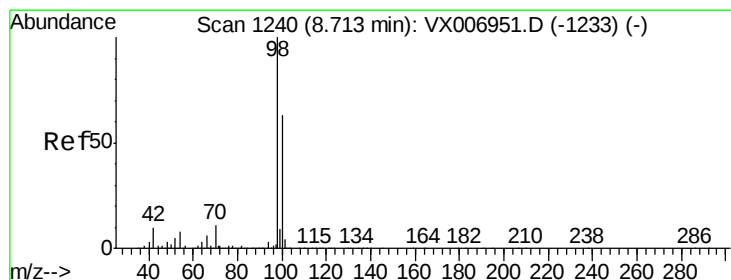
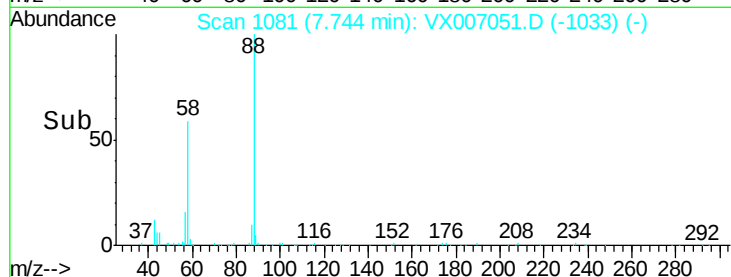
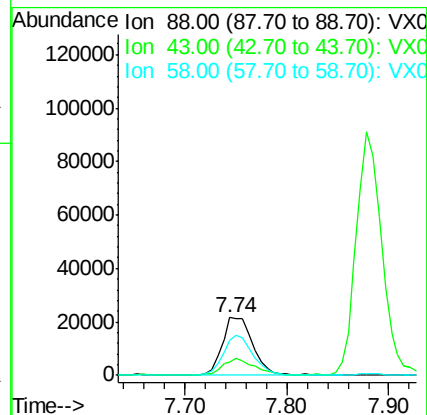
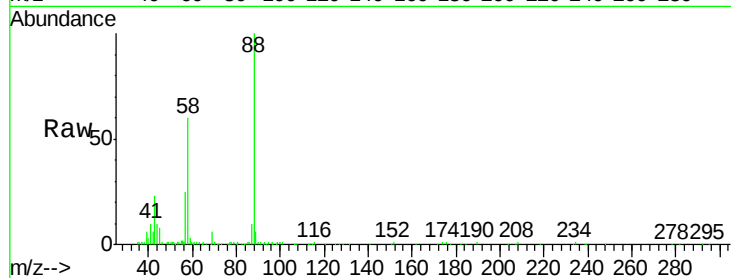
Tot Ion: 88 Resp: 45745

Ion Ratio Lower Upper

88 100

43 29.0 22.2 33.4

58 65.3 51.0 76.4



#50

Toluene-d8

Concen: 50.482 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007051.D

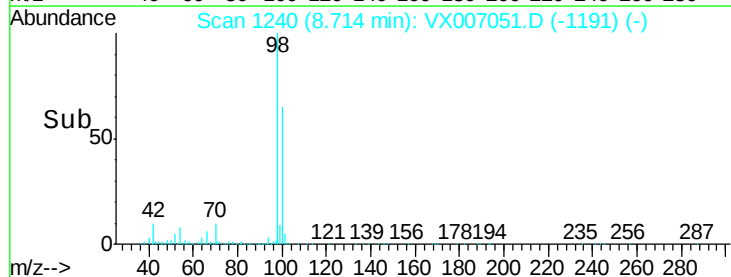
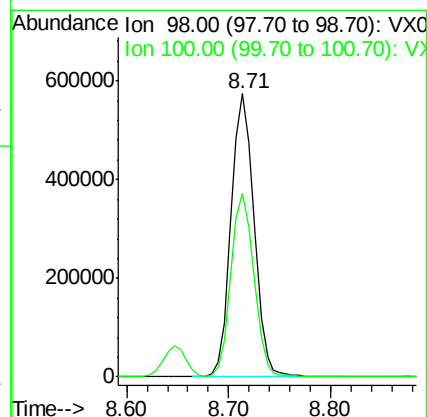
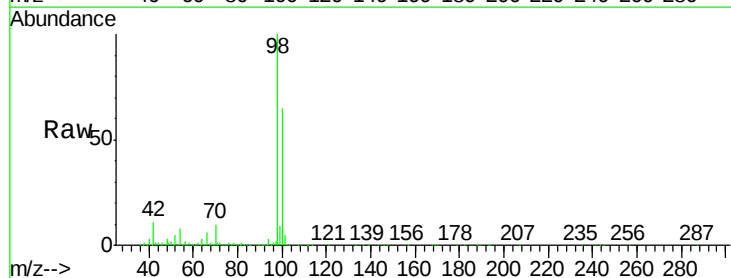
Acq: 15 Jan 2019 12:00

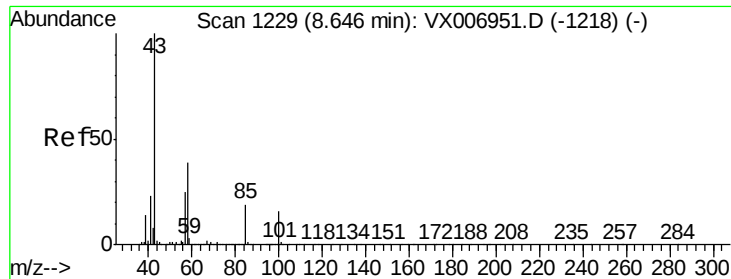
Tgt Ion: 98 Resp: 896770

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 85.315 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

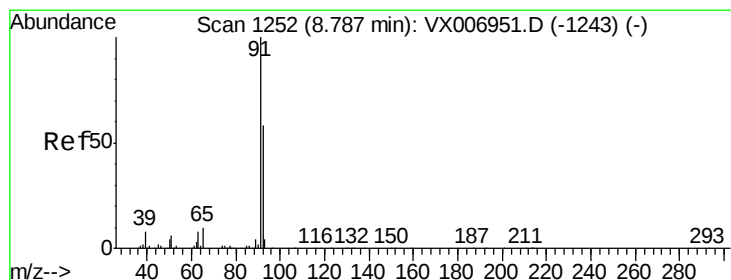
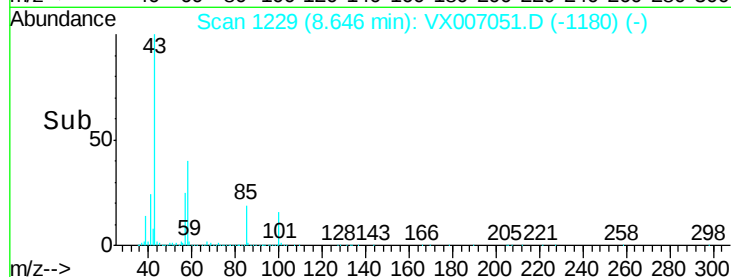
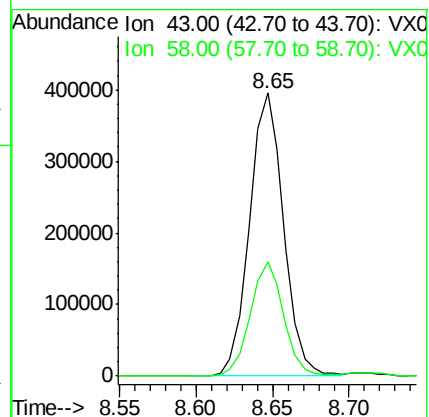
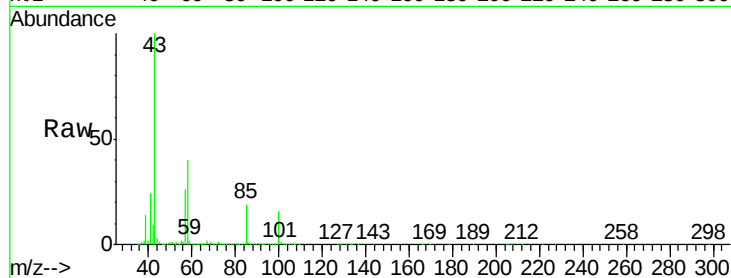
VX0115WBS01

Tot Ion: 43 Resp: 610915

Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.6



#52

Toluene

Concen: 16.610 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007051.D

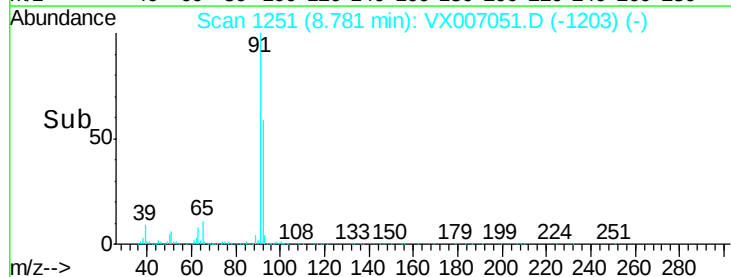
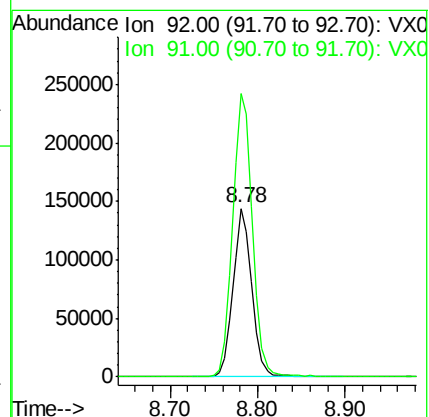
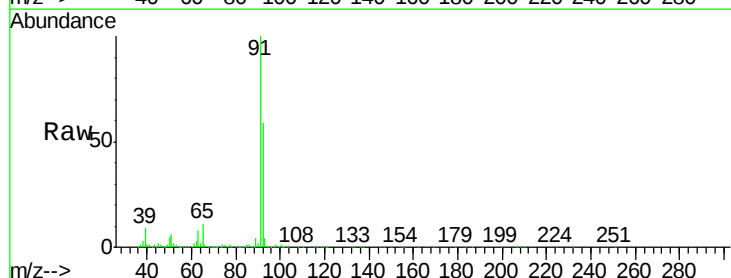
Acq: 15 Jan 2019 12:00

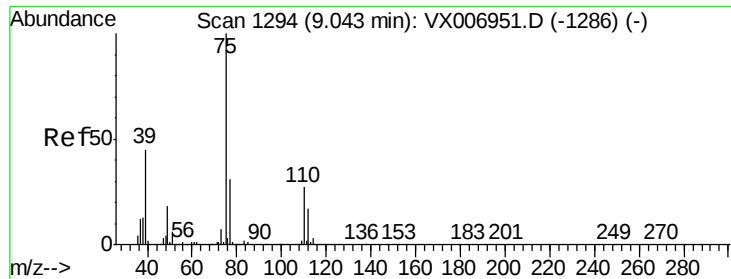
Tgt Ion: 92 Resp: 214637

Ion Ratio Lower Upper

92 100

91 177.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 15.658 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

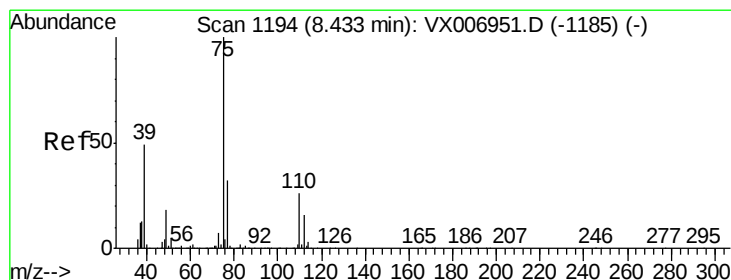
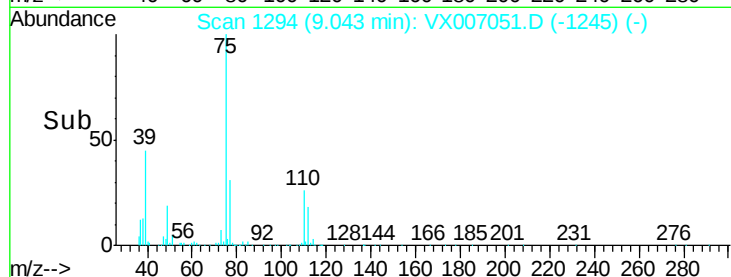
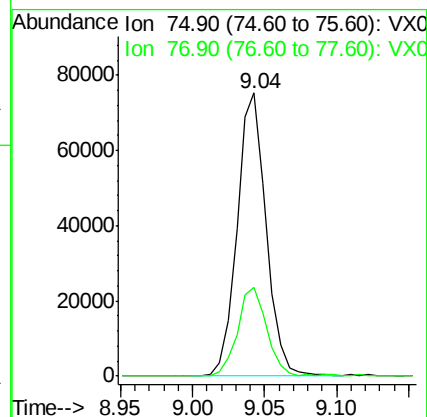
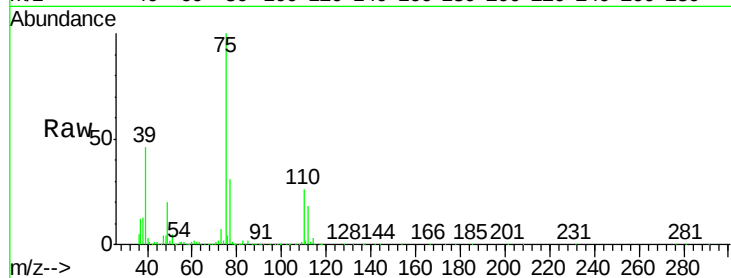
VX0115WBS01

Tot Ion: 75 Resp: 104981

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 15.976 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

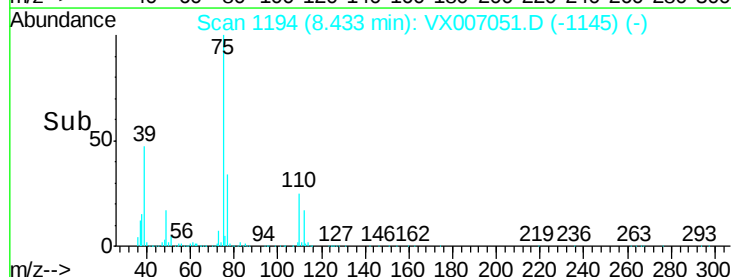
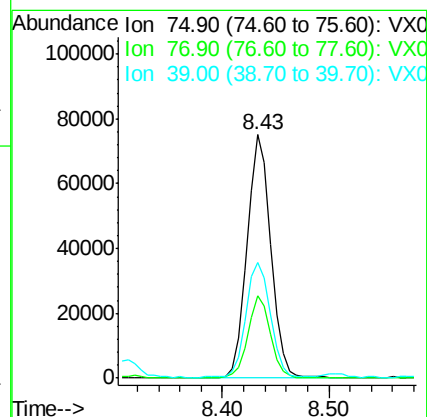
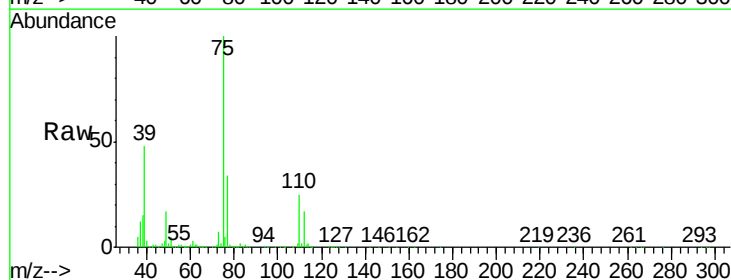
Tgt Ion: 75 Resp: 118289

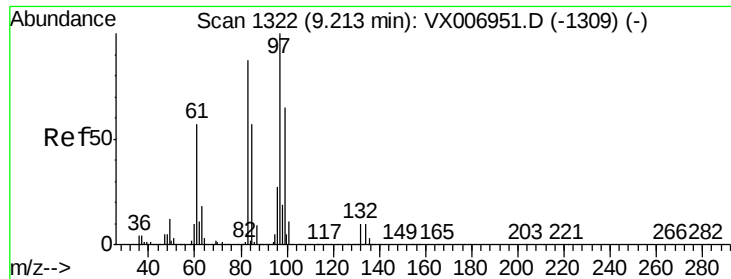
Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.2

39 47.2 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 17.692 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

Tot Ion: 97 Resp: 91505

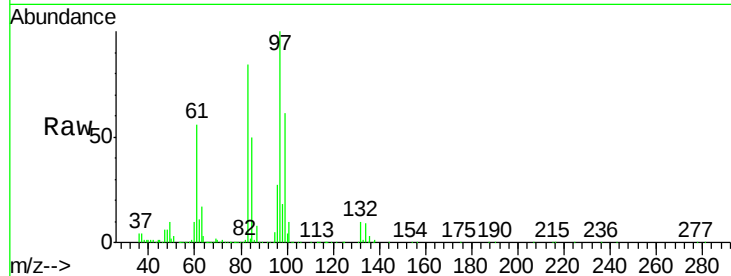
Ion Ratio Lower Upper

97 100

83 83.9 66.6 99.8

85 50.4 42.7 64.1

99 61.1 50.8 76.2

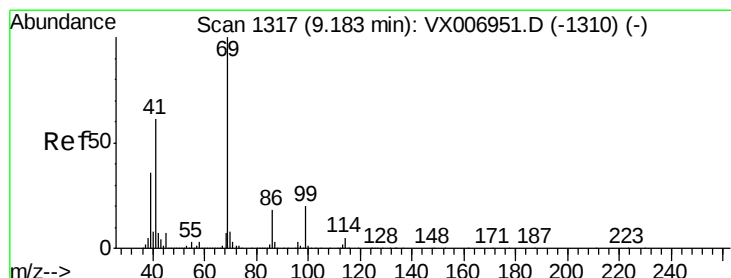
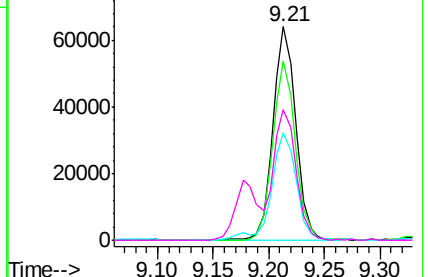
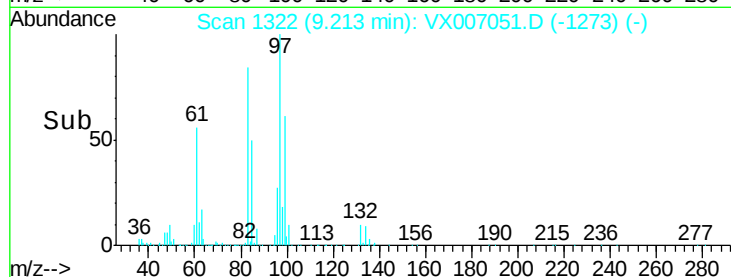


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.421 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

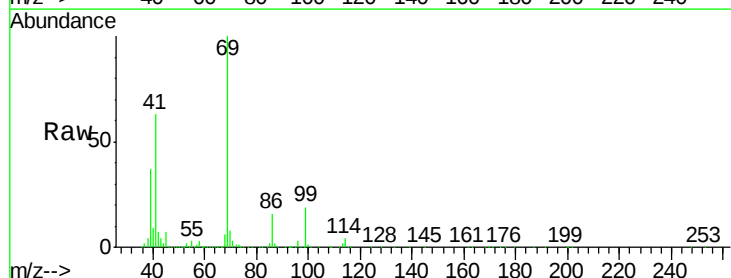
Tgt Ion: 69 Resp: 131542

Ion Ratio Lower Upper

69 100

41 61.5 48.7 73.1

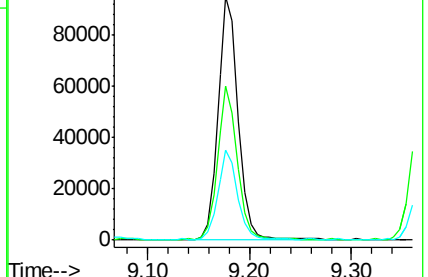
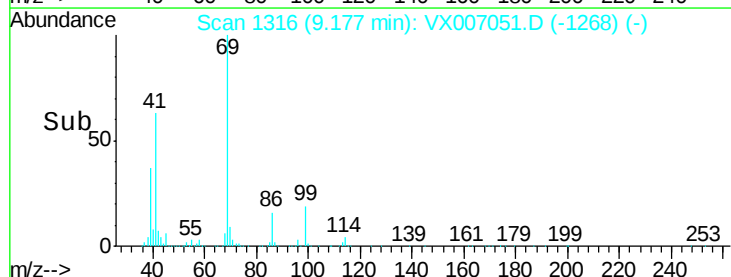
39 35.6 27.0 40.6

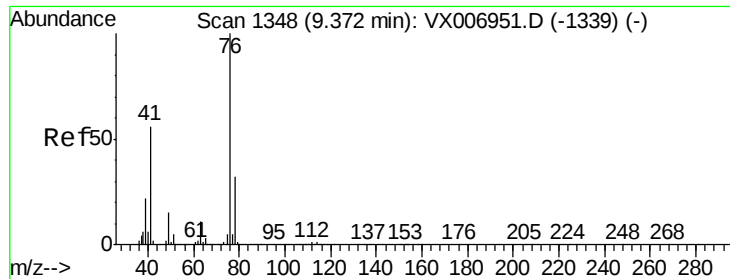


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

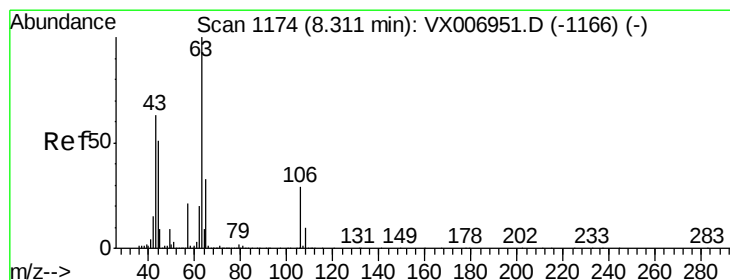
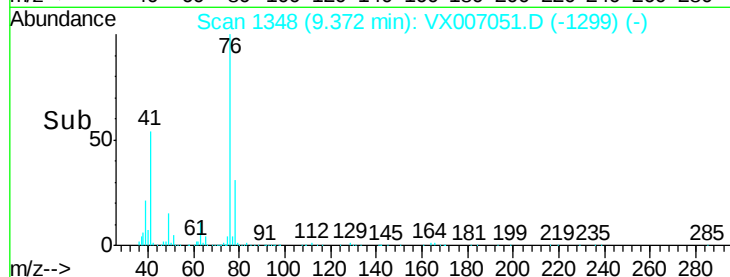
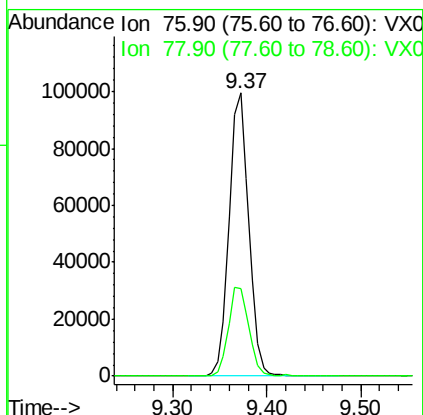
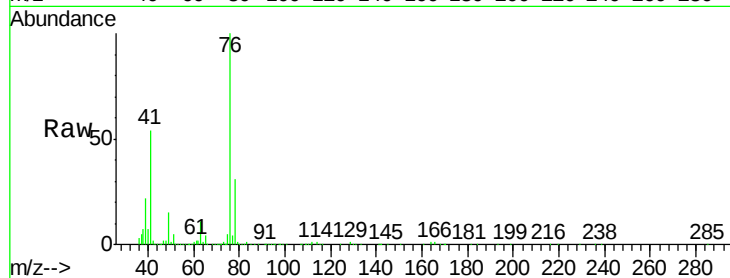




#57
 1,3-Dichloropropane
 Concen: 17.029 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007051.D
 Acq: 15 Jan 2019 12:00

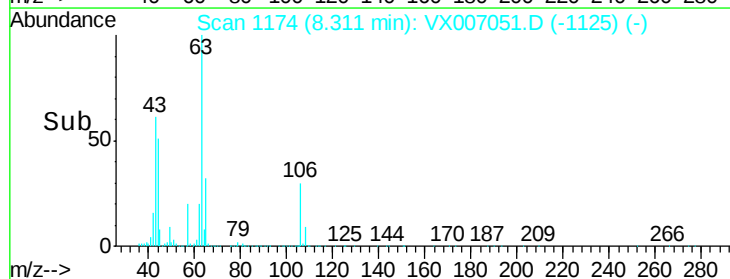
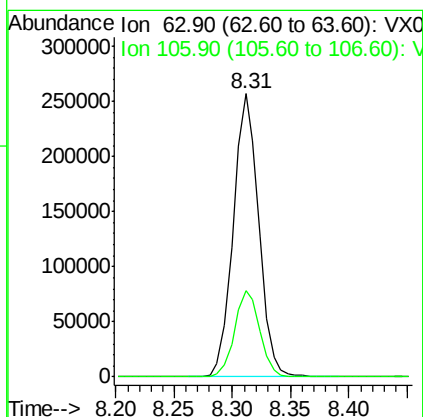
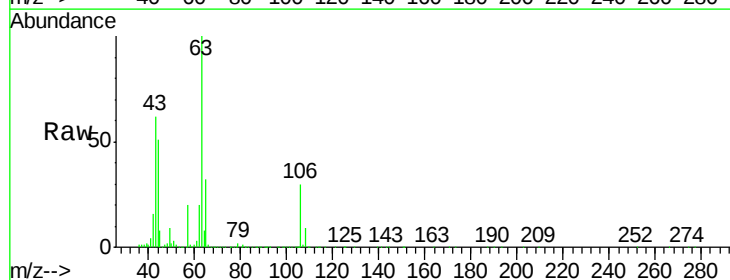
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

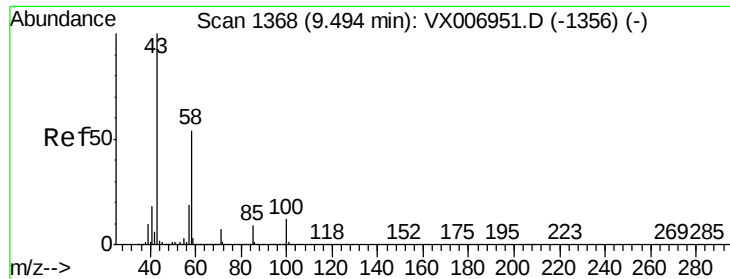
Tot Ion: 76 Resp: 144298
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.854 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007051.D
 Acq: 15 Jan 2019 12:00

Tgt Ion: 63 Resp: 391540
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.6 36.8

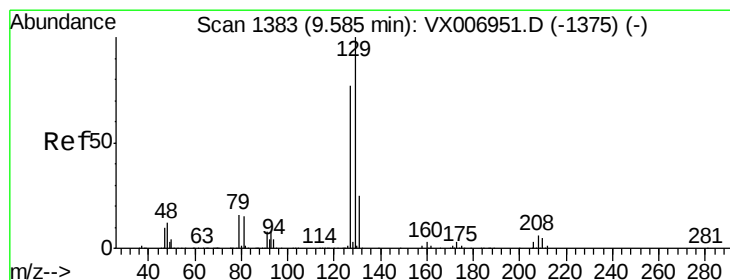
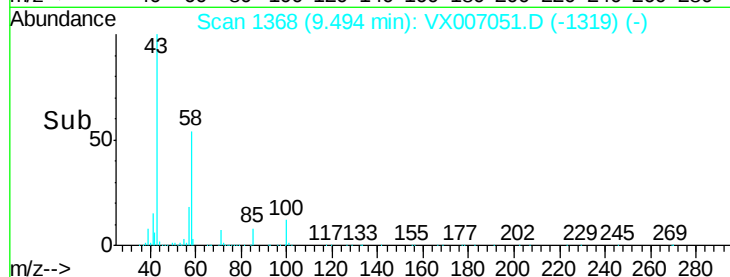
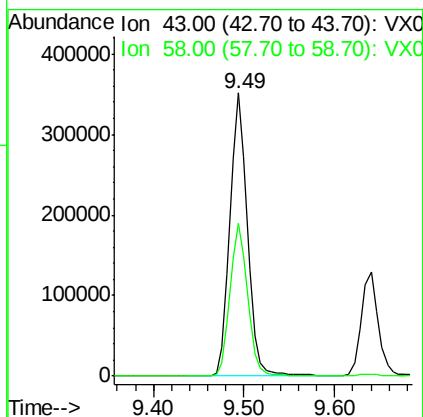
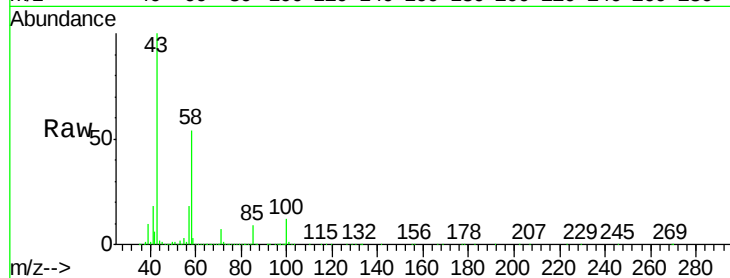




#59
2-Hexanone
Concen: 86.356 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

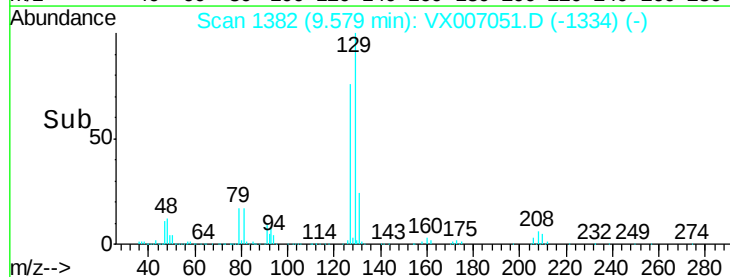
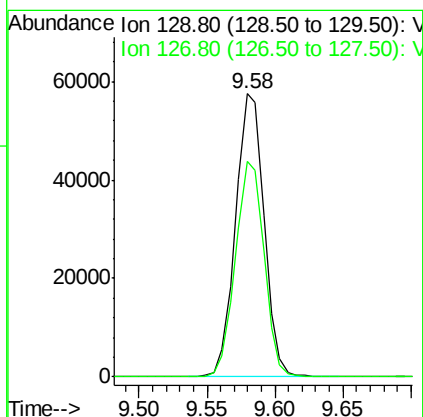
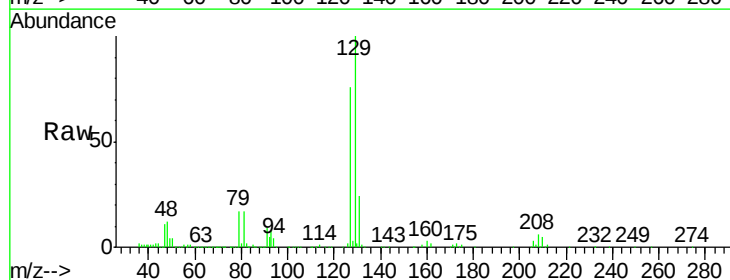
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

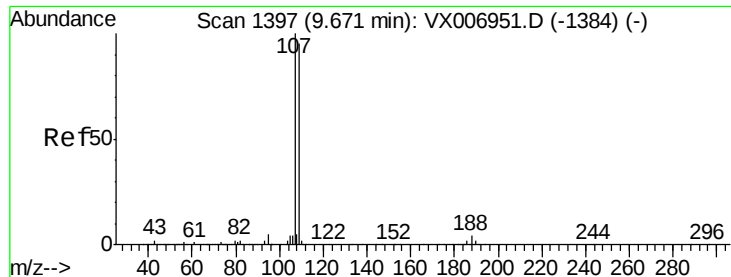
Tot Ion: 43 Resp: 471234
Ion Ratio Lower Upper
43 100
58 54.3 27.7 83.1



#60
Dibromochloromethane
Concen: 16.742 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Tgt Ion: 129 Resp: 84082
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 16.607 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

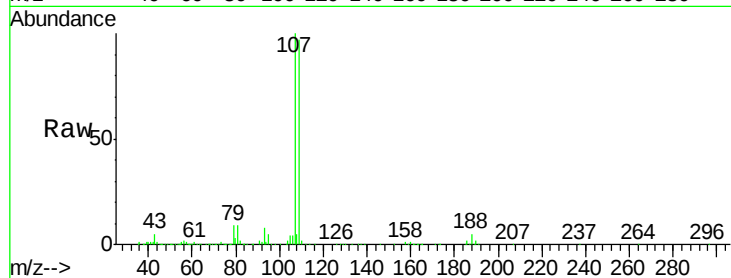
VX0115WBS01

Tot Ion:107 Resp: 94562

Ion Ratio Lower Upper

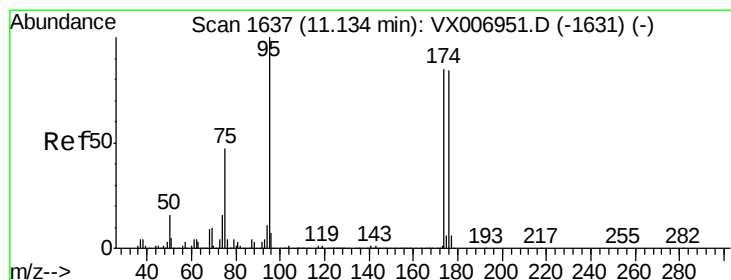
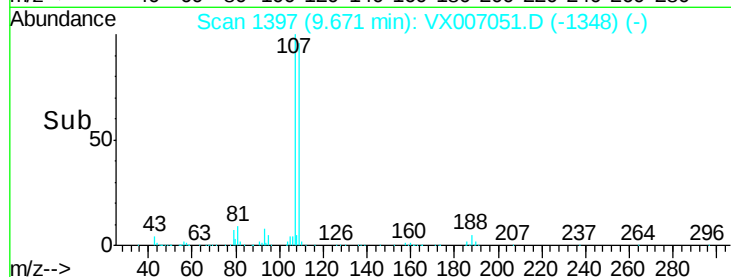
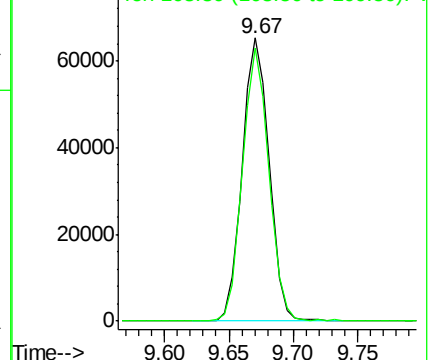
107 100

109 94.9 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: 53.354 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

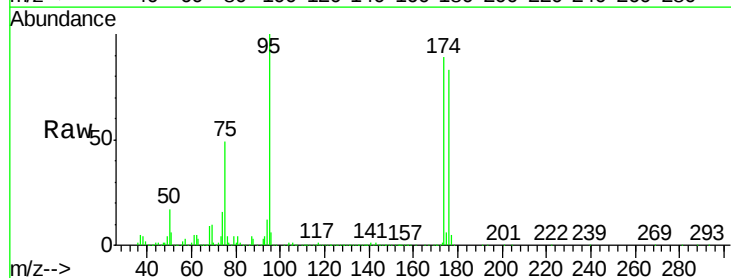
Tgt Ion: 95 Resp: 330425

Ion Ratio Lower Upper

95 100

174 93.7 0.0 182.2

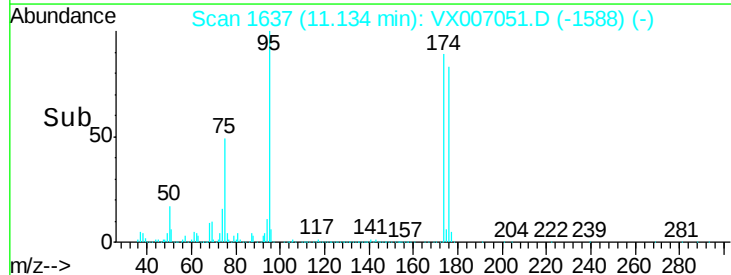
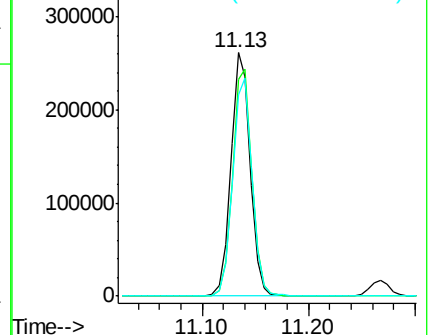
176 90.6 0.0 178.8

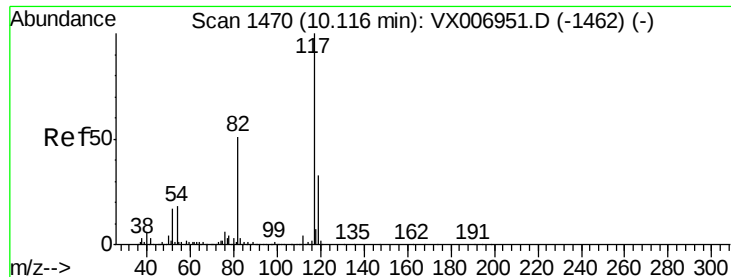


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

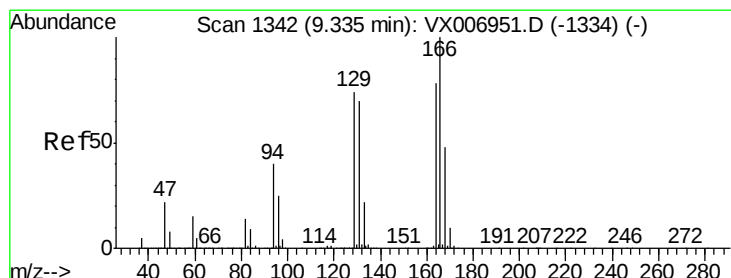
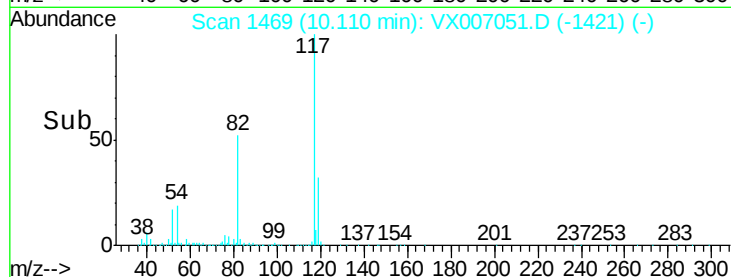
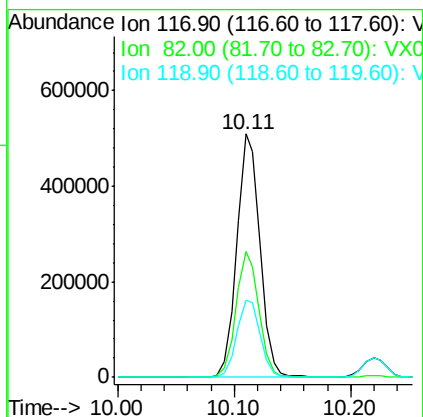
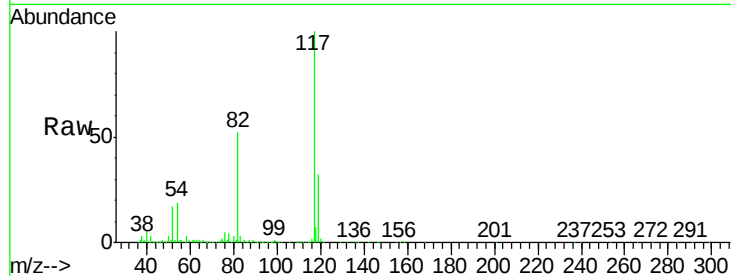




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

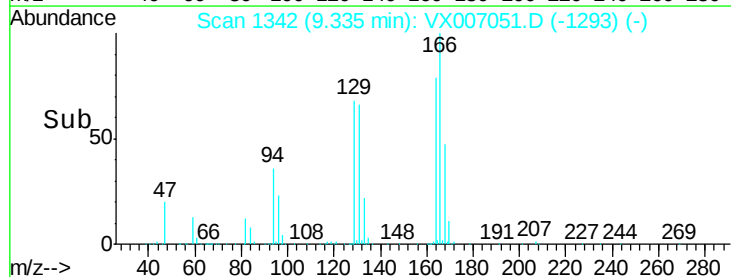
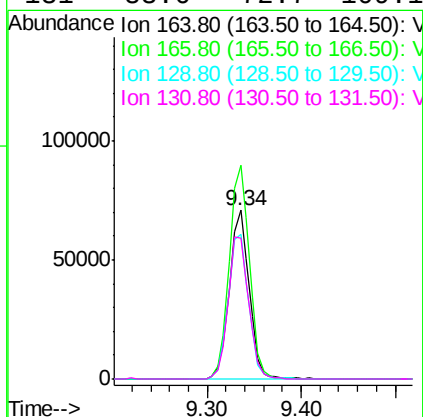
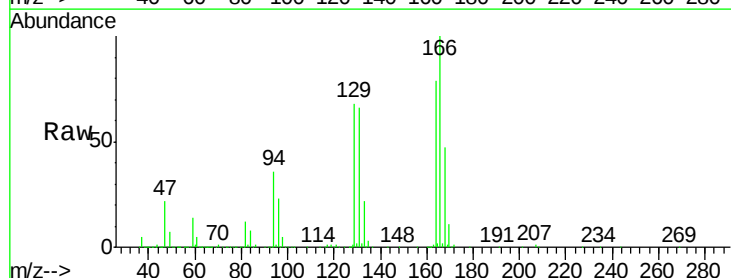
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

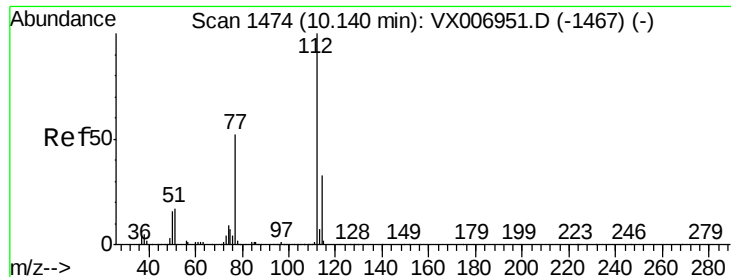
Tot Ion:117 Resp: 705560
Ion Ratio Lower Upper
117 100
82 51.8 41.0 61.6
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 16.968 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Tgt Ion:164 Resp: 103649
Ion Ratio Lower Upper
164 100
166 126.6 102.5 153.7
129 85.9 75.1 112.7
131 83.6 72.7 109.1





#65

Chlorobenzene

Concen: 16.841 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

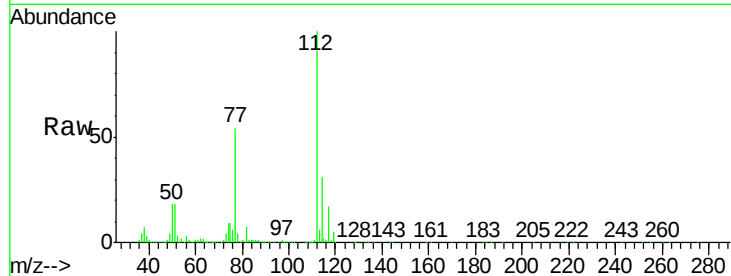
VX0115WBS01

Tot Ion:112 Resp: 259156

Ion Ratio Lower Upper

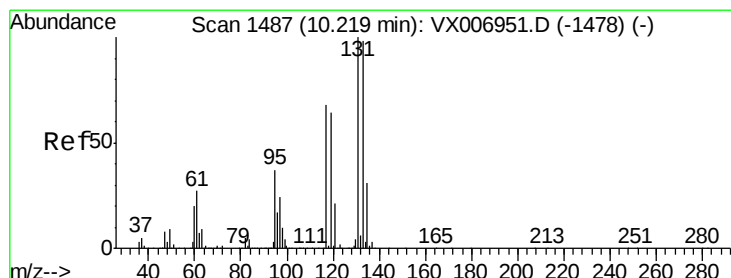
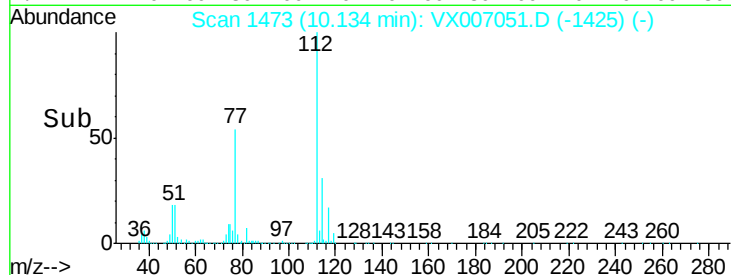
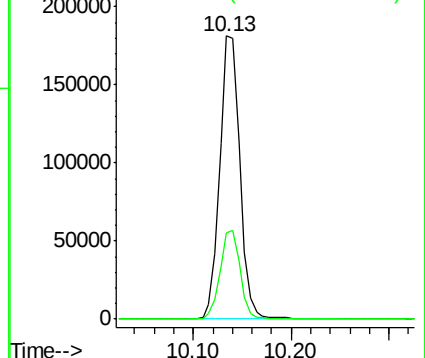
112 100

114 30.6 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: 16.682 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

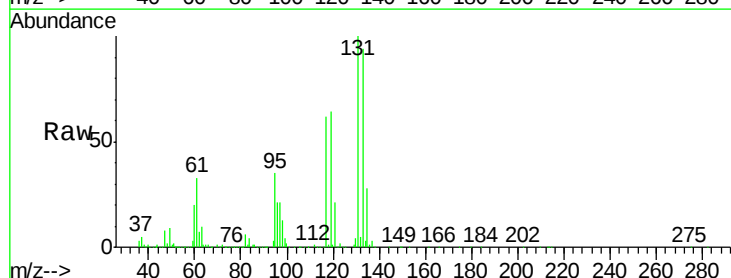
Tgt Ion:131 Resp: 86360

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

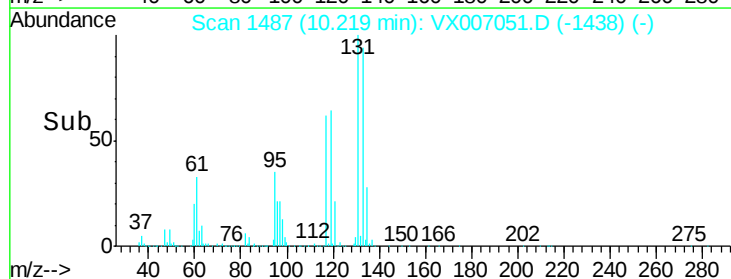
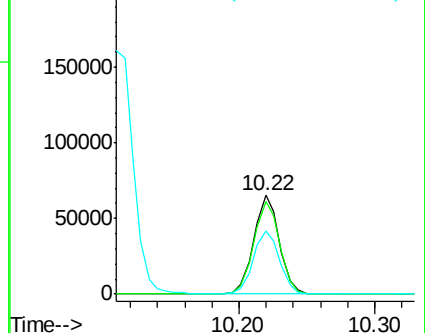
119 65.3 32.6 97.8

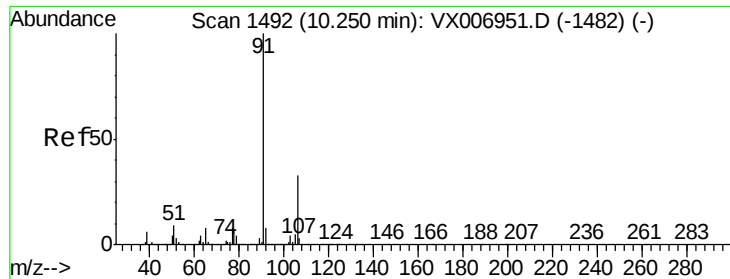


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 16.369 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

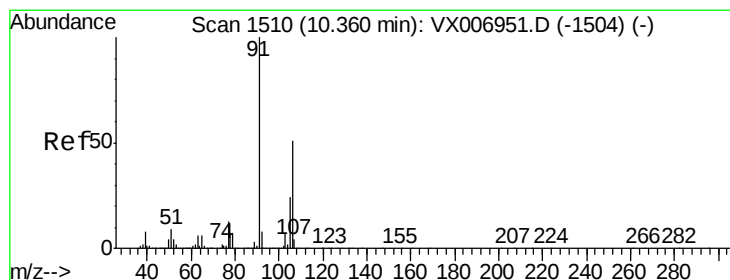
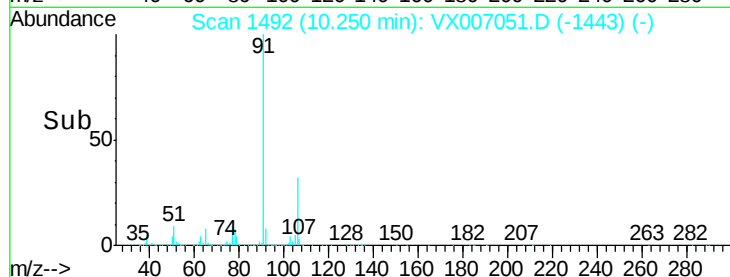
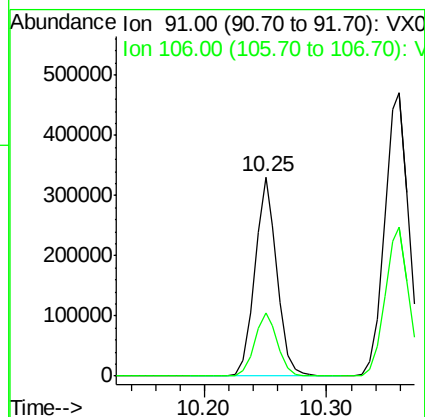
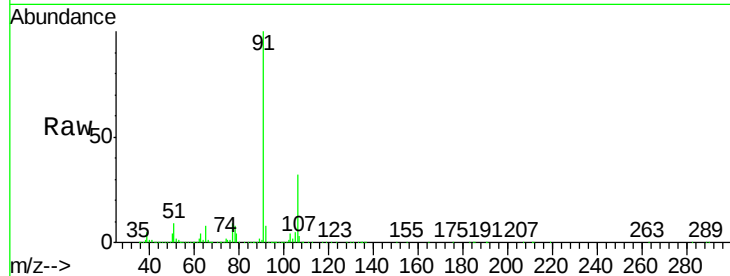
VX0115WBS01

Tot Ion: 91 Resp: 415859

Ion Ratio Lower Upper

91 100

106 31.9 26.4 39.6



#68

m/p-Xylenes

Concen: 33.464 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007051.D

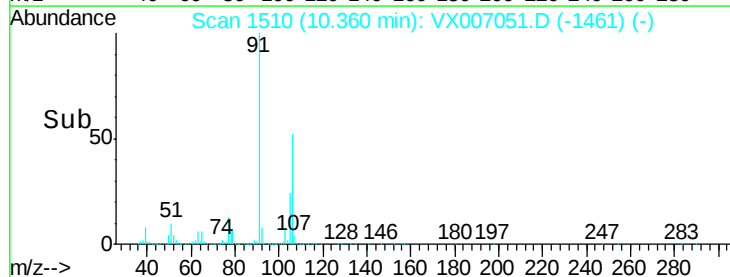
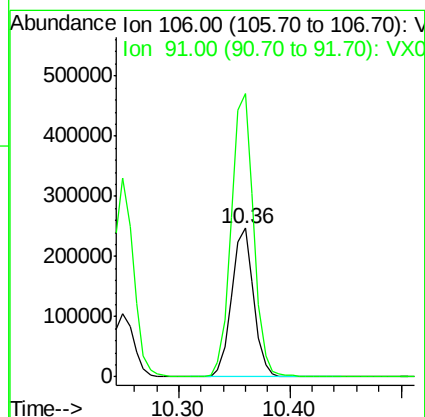
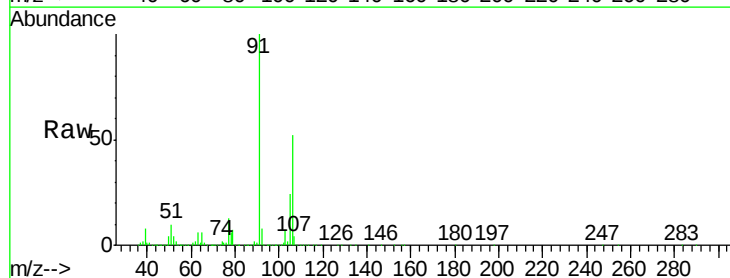
Acq: 15 Jan 2019 12:00

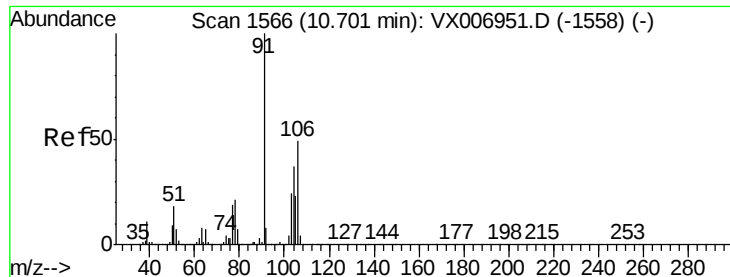
Tgt Ion: 106 Resp: 334948

Ion Ratio Lower Upper

106 100

91 195.1 155.8 233.6





#69

o-Xylene

Concen: 16.568 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

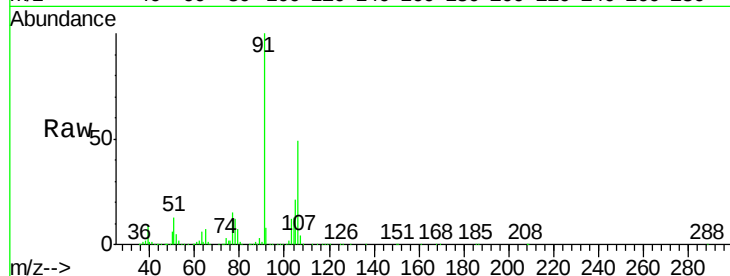
VX0115WBS01

Tot Ion:106 Resp: 161731

Ion Ratio Lower Upper

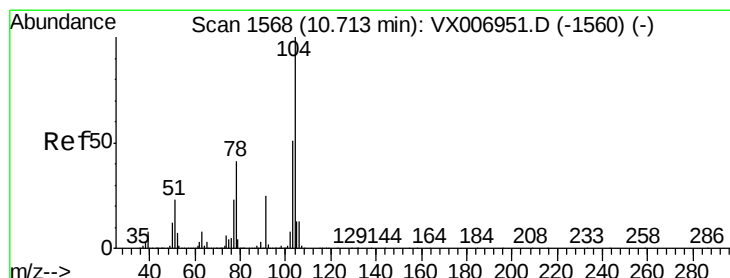
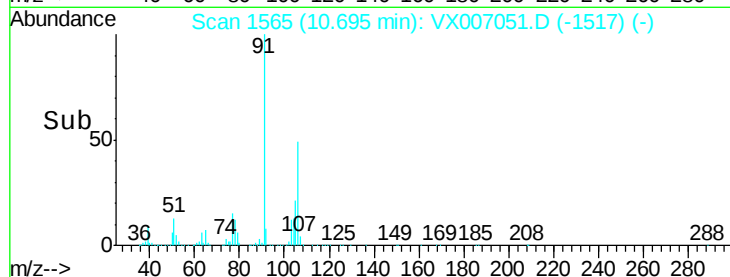
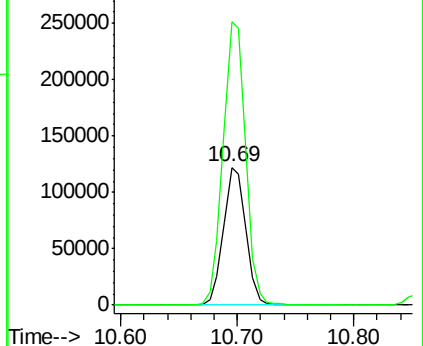
106 100

91 207.4 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 16.610 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

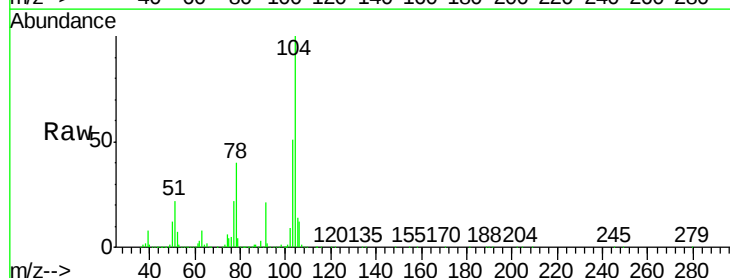
Tgt Ion:104 Resp: 256794

Ion Ratio Lower Upper

104 100

78 48.3 37.7 56.5

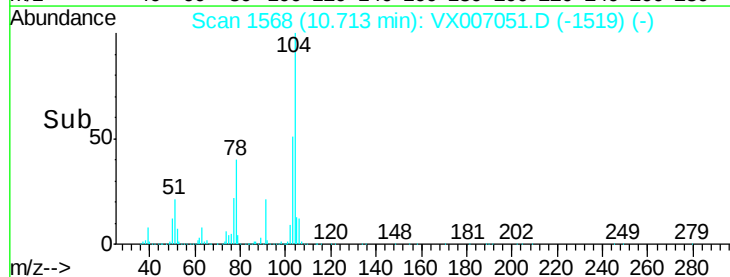
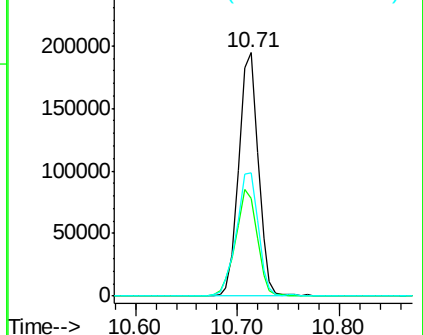
103 57.2 43.8 65.8

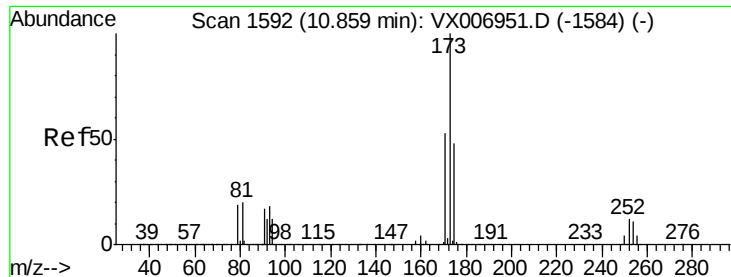


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.335 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

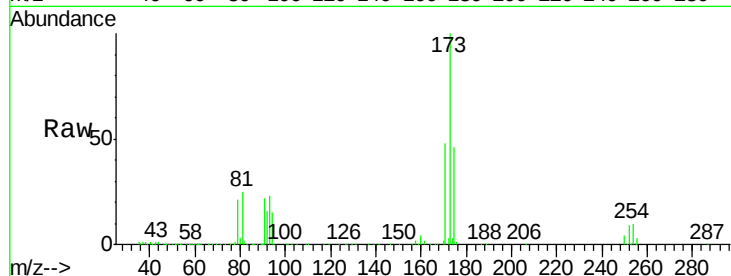
Tot Ion:173 Resp: 59374

Ion Ratio Lower Upper

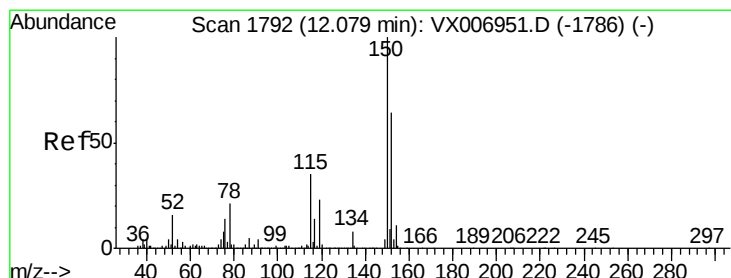
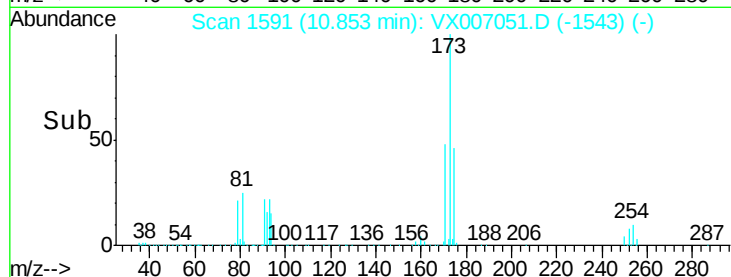
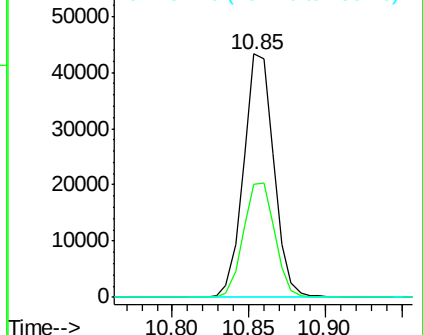
173 100

175 48.7 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: VX007051.D

Acq: 15 Jan 2019 12:00

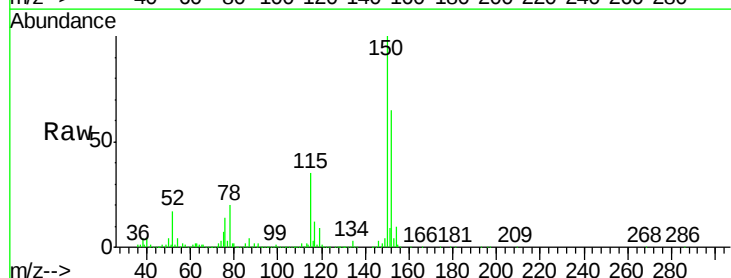
Tgt Ion:152 Resp: 369233

Ion Ratio Lower Upper

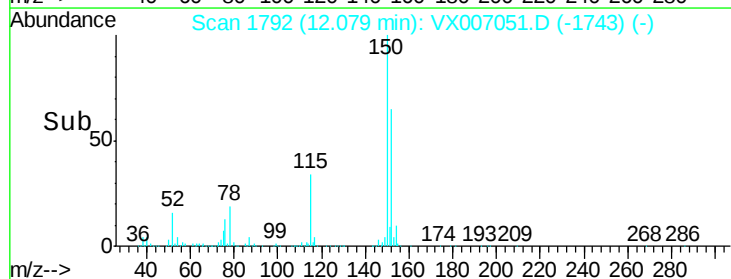
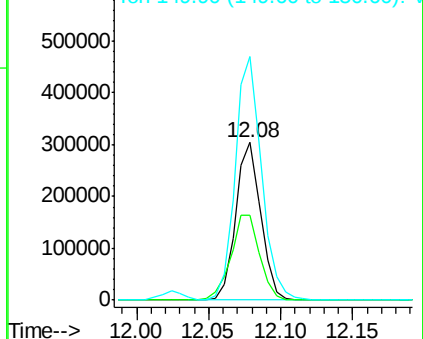
152 100

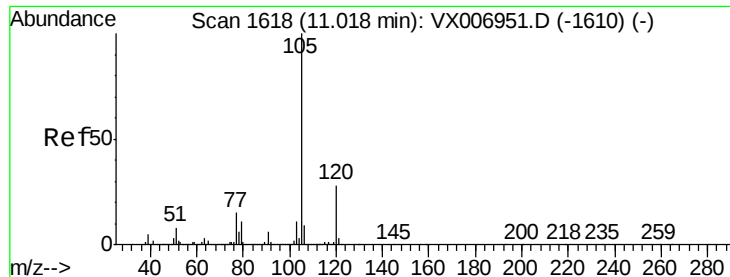
115 62.1 39.1 117.2

150 162.5 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: 16.828 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

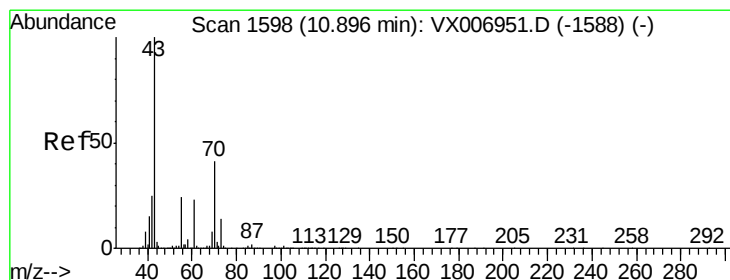
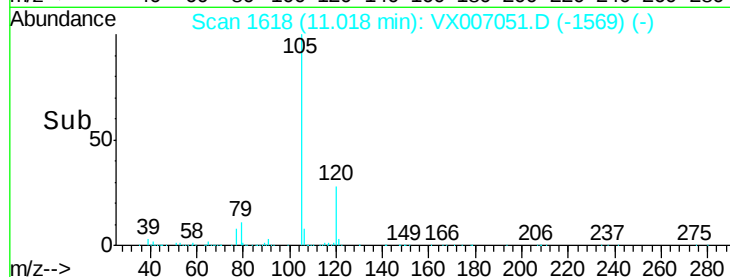
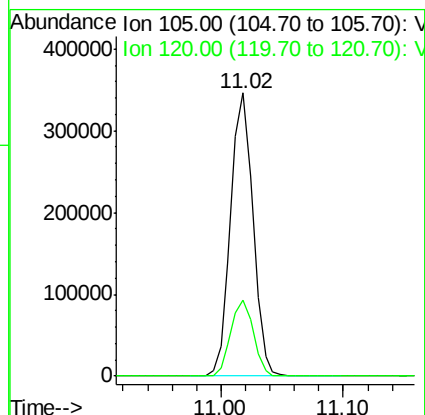
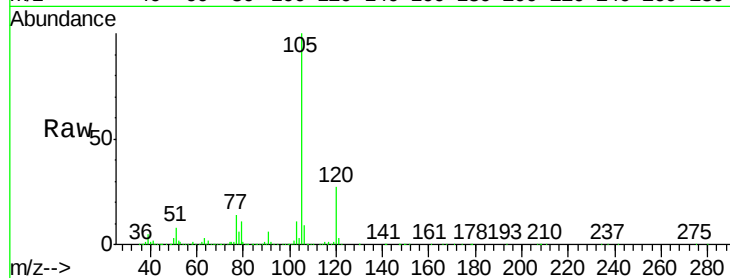
VX0115WBS01

Tot Ion:105 Resp: 438138

Ion Ratio Lower Upper

105 100

120 27.3 14.1 42.4



#74

N-ethyl acetate

Concen: 15.388 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Tgt Ion: 43 Resp: 161307

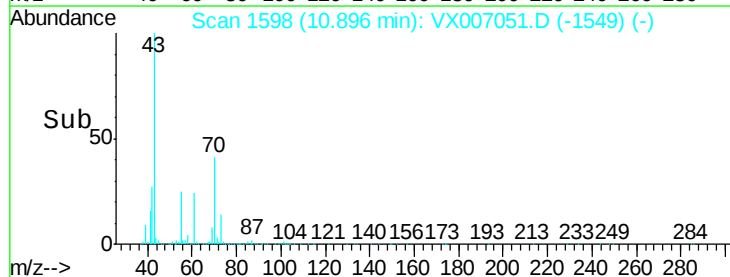
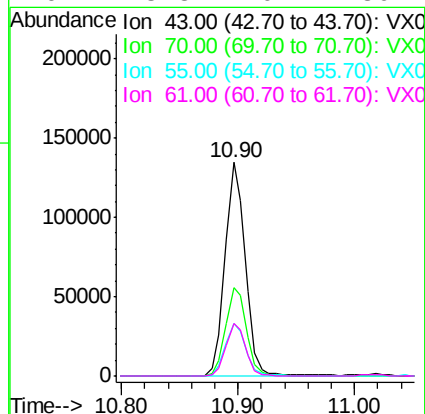
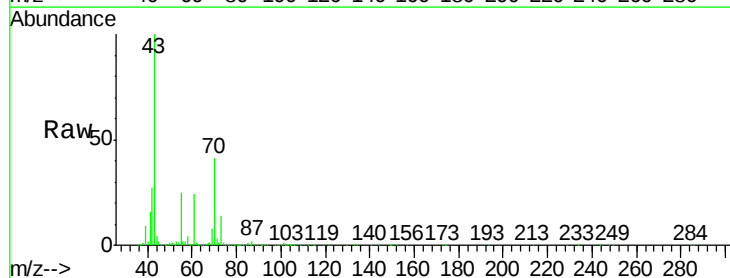
Ion Ratio Lower Upper

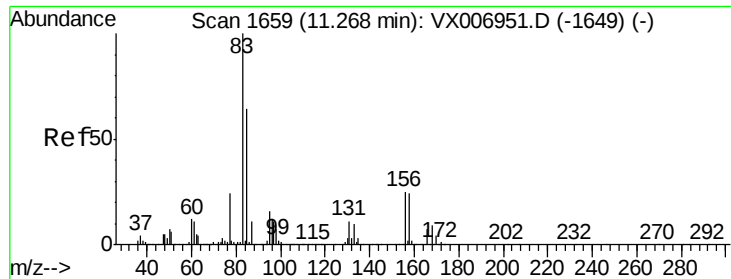
43 100

70 42.8 35.8 53.8

55 25.5 19.4 29.0

61 23.8 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 16.139 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampled :

VX0115WBS01

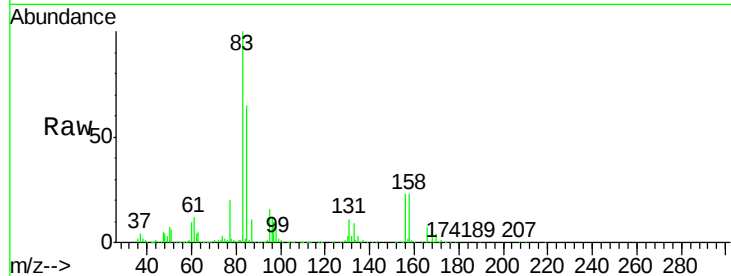
Tot Ion: 83 Resp: 133399

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

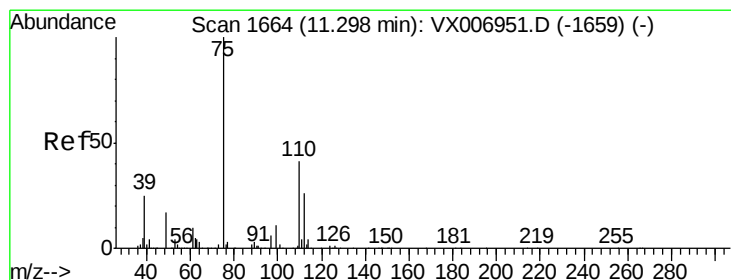
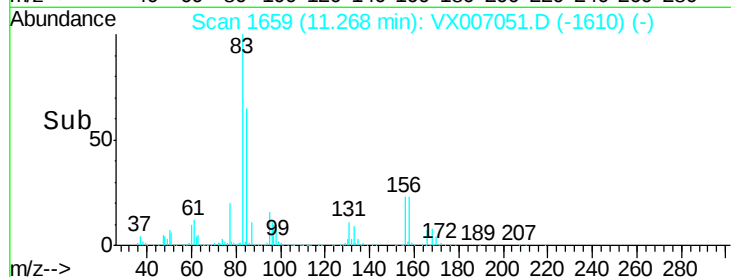
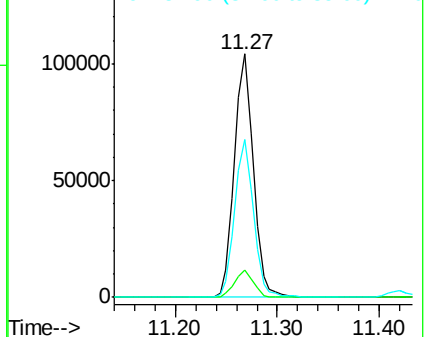
85 64.3 32.2 96.6



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: 18.892 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007051.D

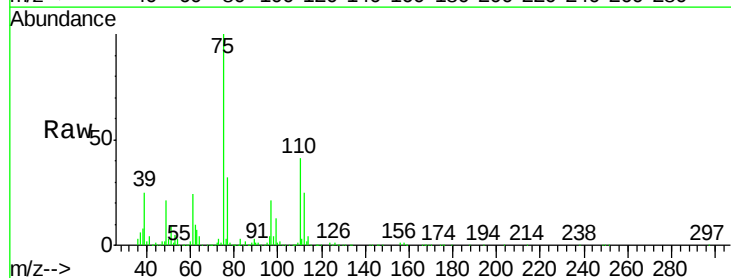
Acq: 15 Jan 2019 12:00

Tgt Ion: 75 Resp: 141354

Ion Ratio Lower Upper

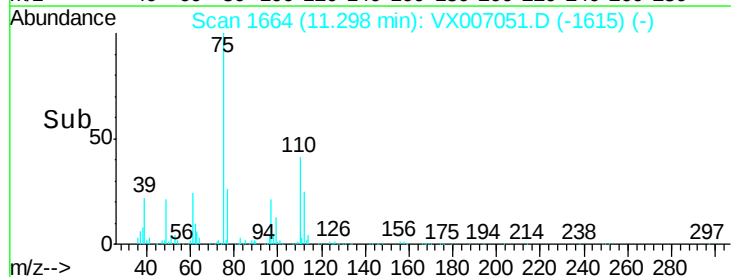
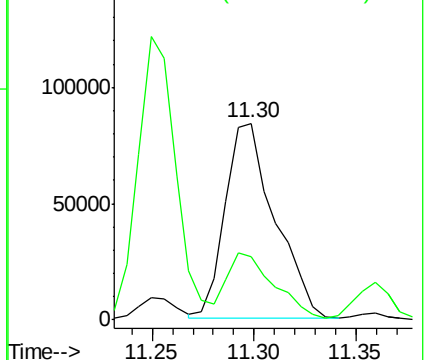
75 100

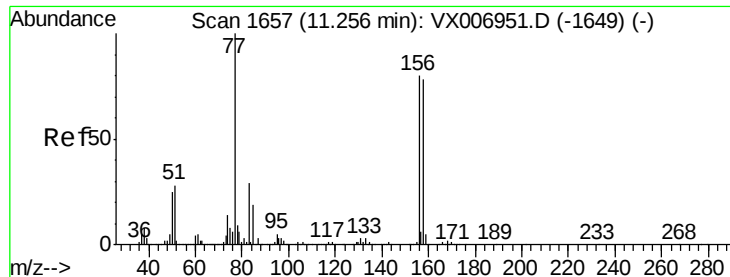
77 32.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.433 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

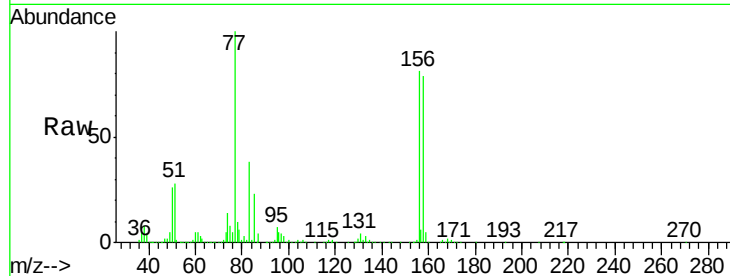
Tot Ion:156 Resp: 117889

Ion Ratio Lower Upper

156 100

77 134.1 68.0 204.0

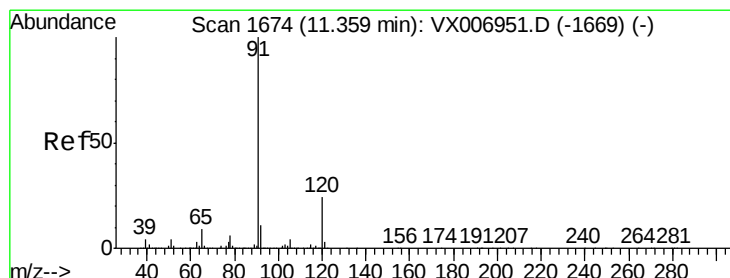
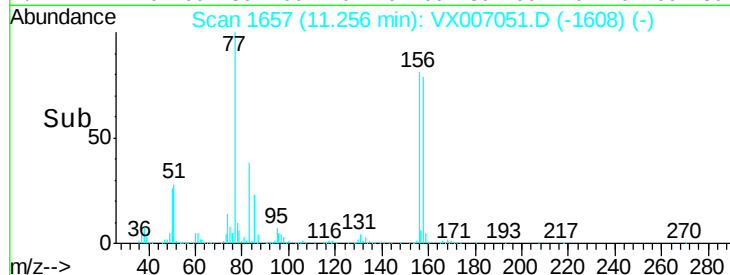
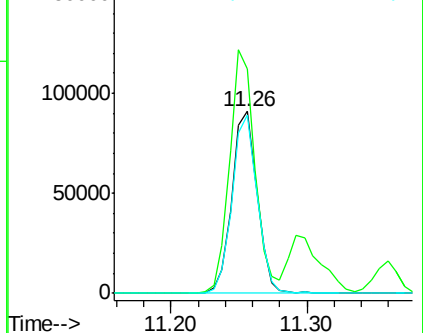
158 97.8 48.3 144.8



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: 17.098 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007051.D

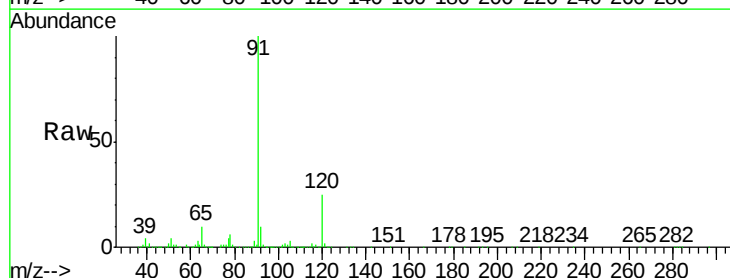
Acq: 15 Jan 2019 12:00

Tgt Ion: 91 Resp: 488686

Ion Ratio Lower Upper

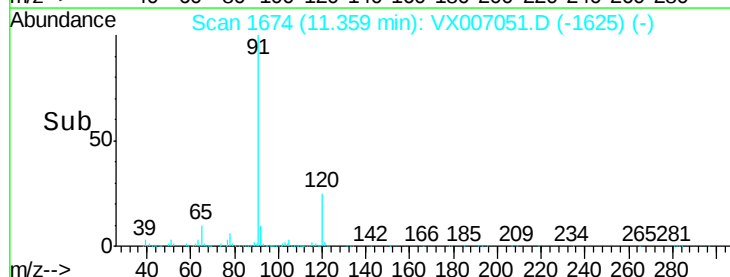
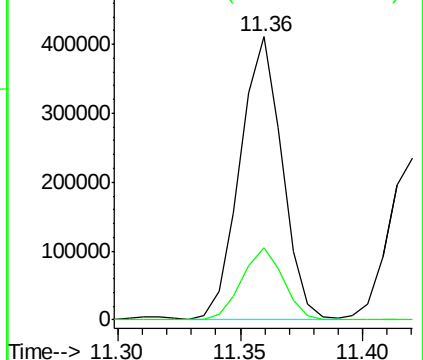
91 100

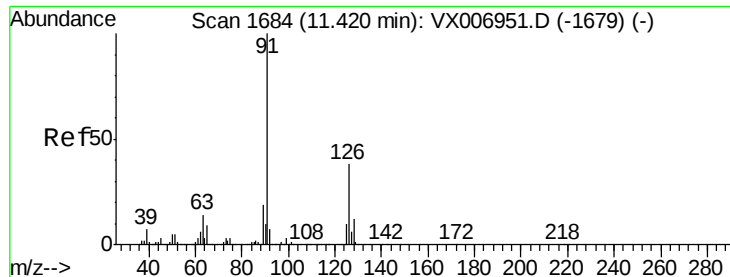
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.655 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

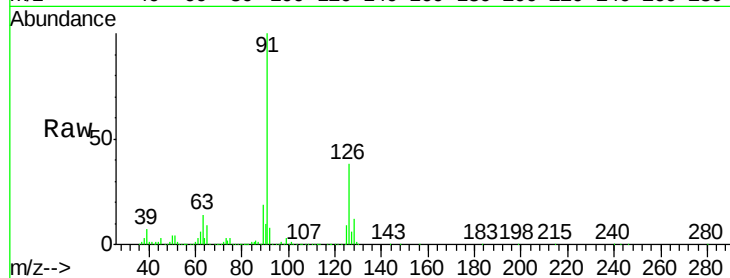
VX0115WBS01

Tot Ion: 91 Resp: 286548

Ion Ratio Lower Upper

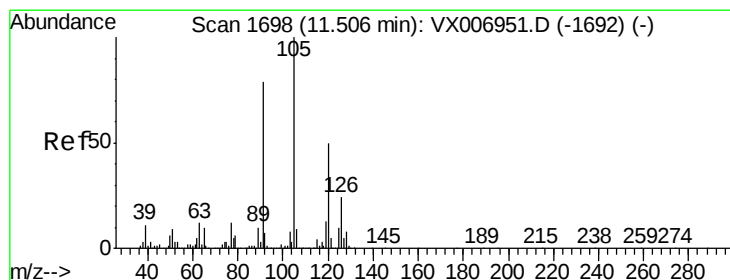
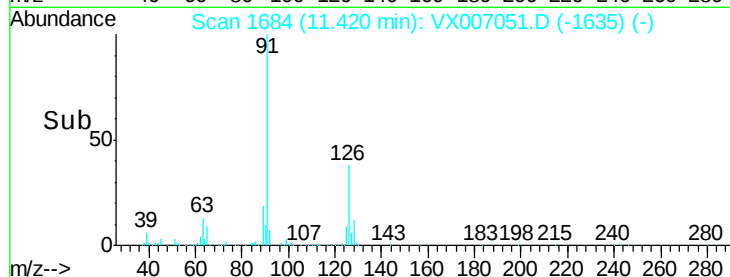
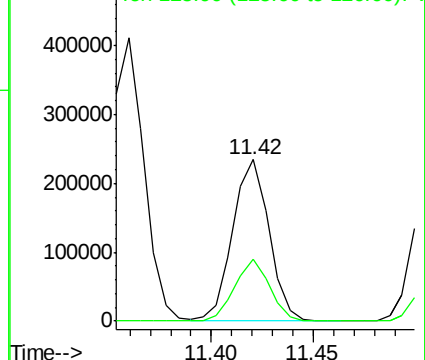
91 100

126 37.6 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 16.553 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007051.D

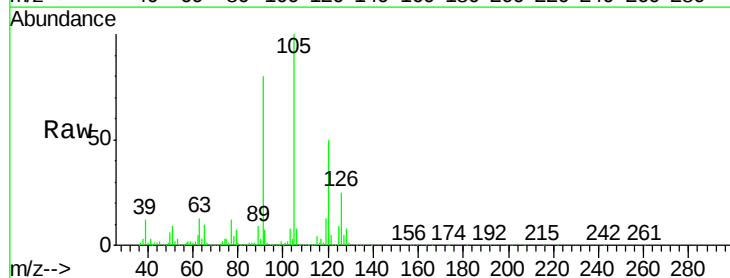
Acq: 15 Jan 2019 12:00

Tgt Ion:105 Resp: 360119

Ion Ratio Lower Upper

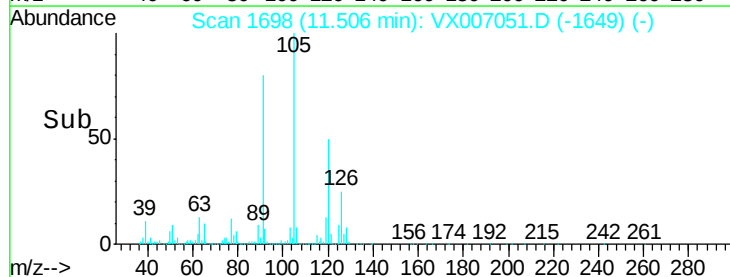
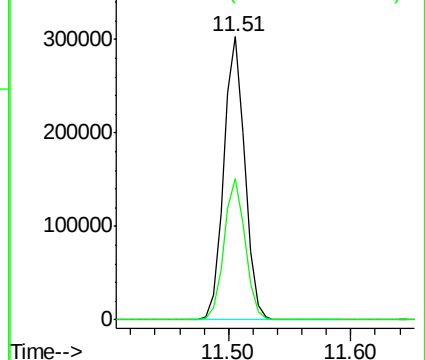
105 100

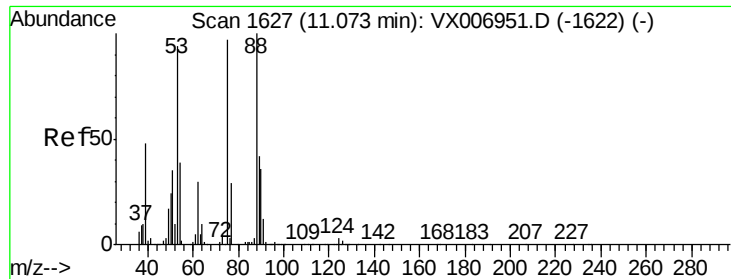
120 50.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 14.558 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

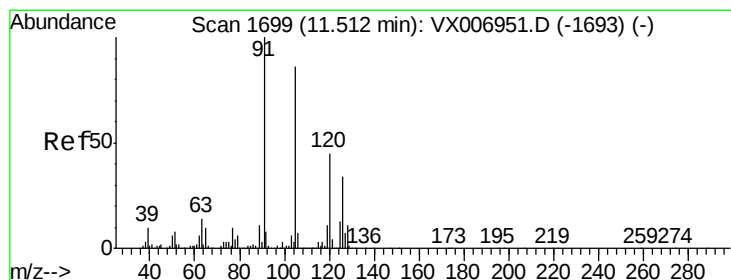
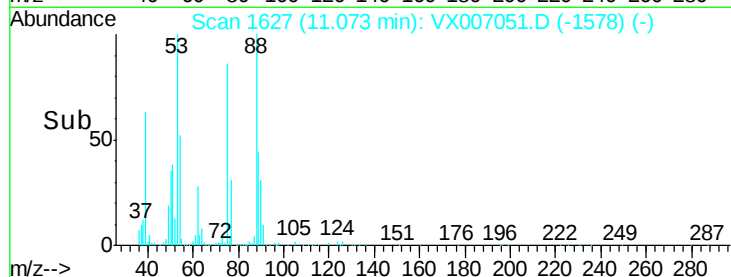
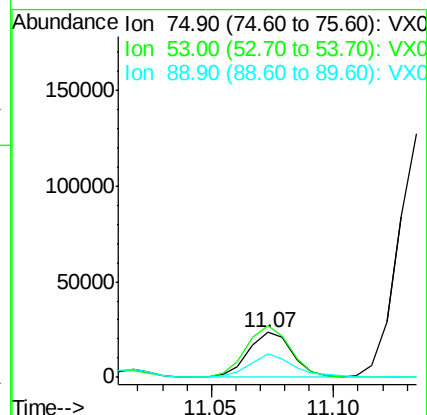
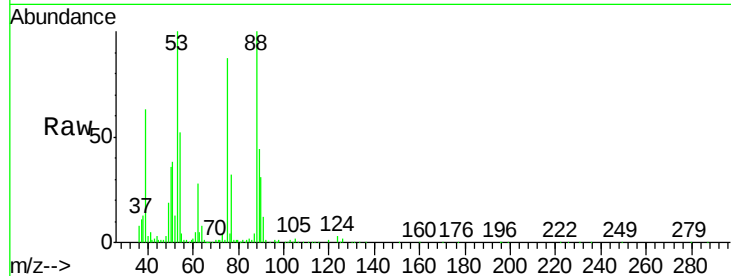
Tot Ion: 75 Resp: 28904

Ion Ratio Lower Upper

75 100

53 119.1 79.7 119.5

89 55.5 38.0 57.0



#82

4-Chlorotoluene

Concen: 16.569 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007051.D

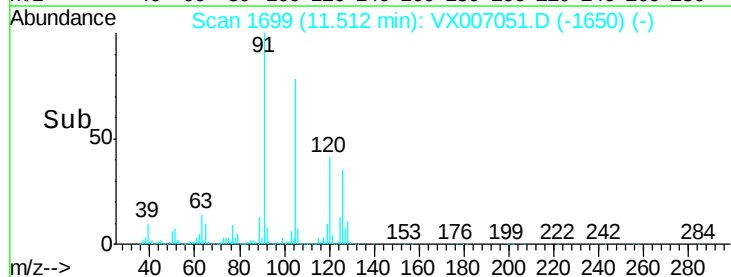
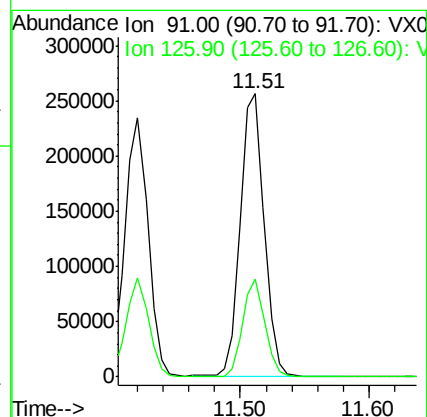
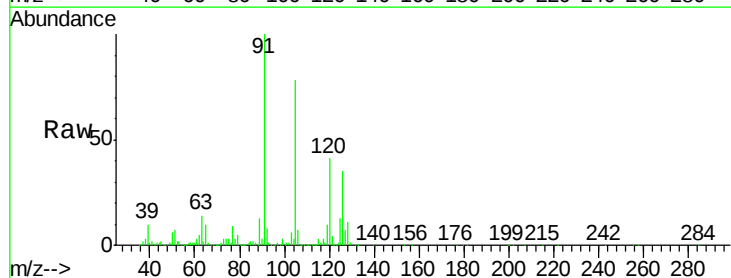
Acq: 15 Jan 2019 12:00

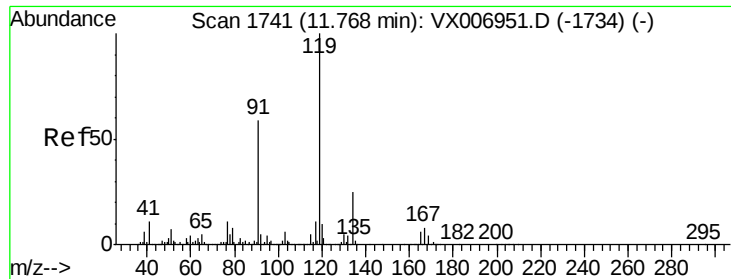
Tgt Ion: 91 Resp: 330062

Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.9





#83

tert-Butylbenzene

Concen: 16.526 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

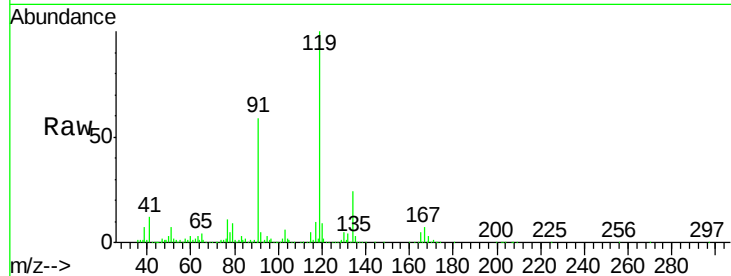
Tot Ion:119 Resp: 358707

Ion Ratio Lower Upper

119 100

91 55.9 27.7 83.1

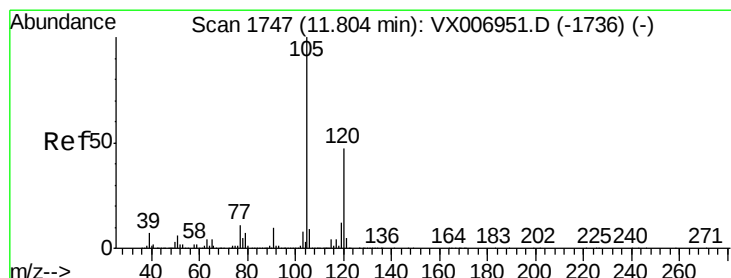
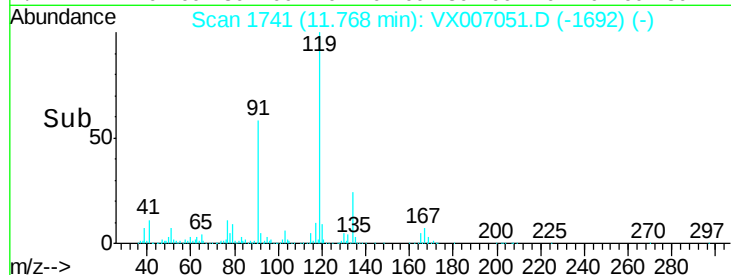
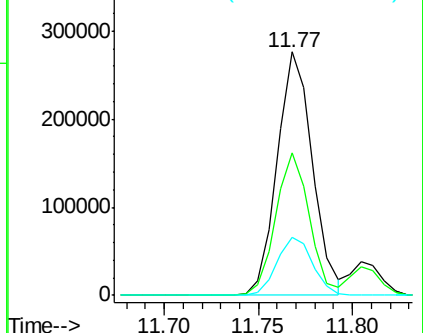
134 24.2 11.9 35.5



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: 16.762 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007051.D

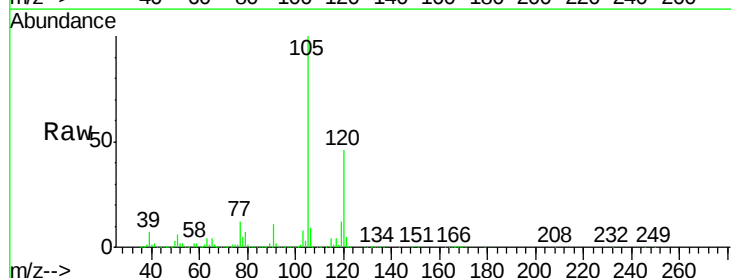
Acq: 15 Jan 2019 12:00

Tgt Ion:105 Resp: 366707

Ion Ratio Lower Upper

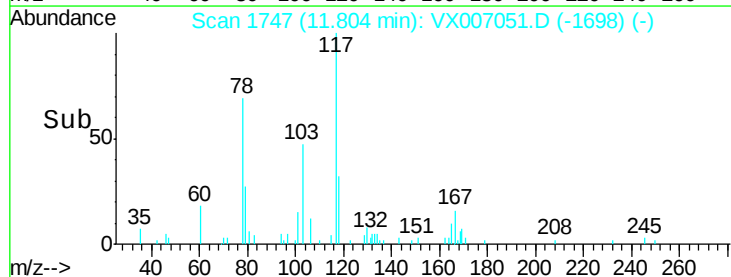
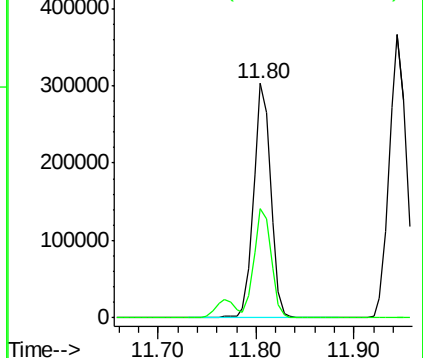
105 100

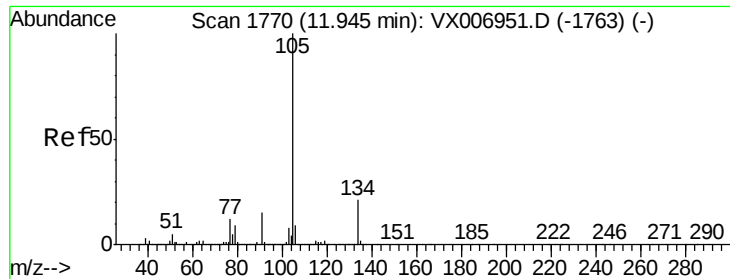
120 46.6 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.073 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

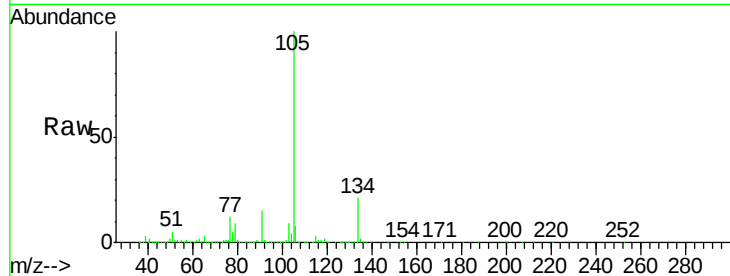
VX0115WBS01

Tot Ion:105 Resp: 442565

Ion Ratio Lower Upper

105 100

134 22.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

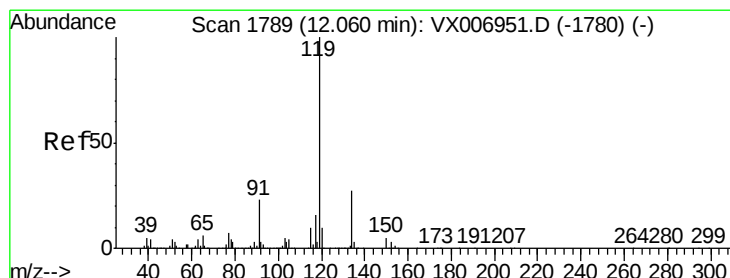
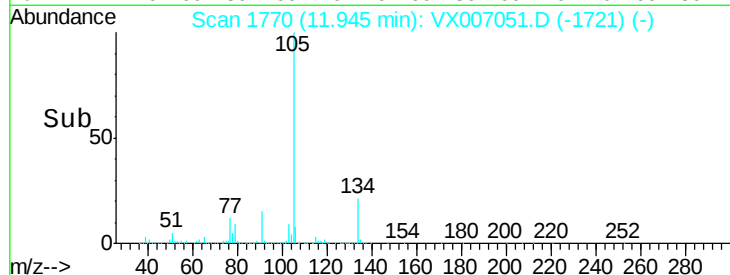
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 16.980 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

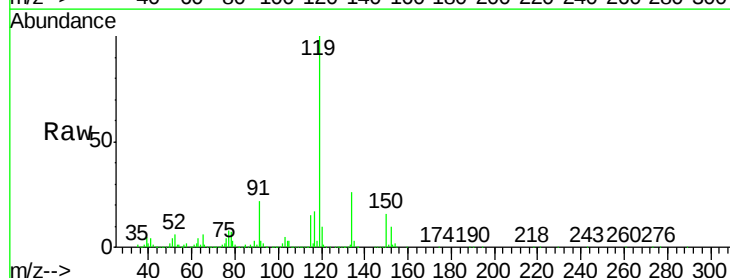
Tgt Ion:119 Resp: 393725

Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

91 22.9 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

12.06

400000

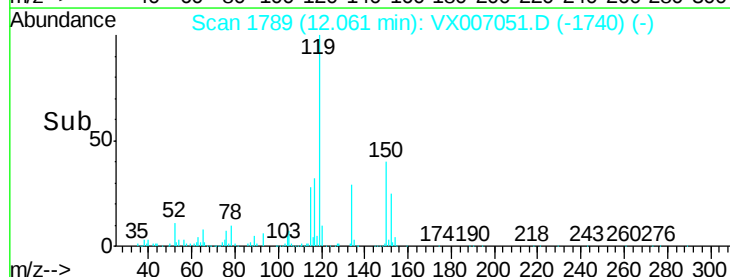
300000

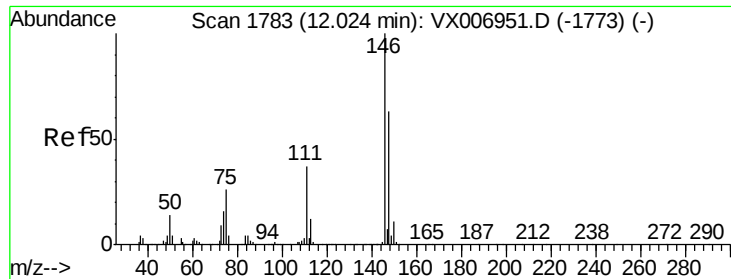
200000

100000

0

Time-->

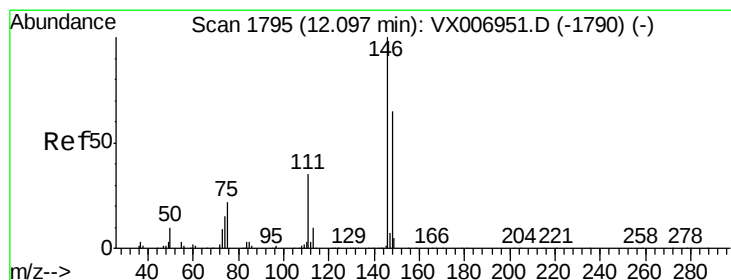
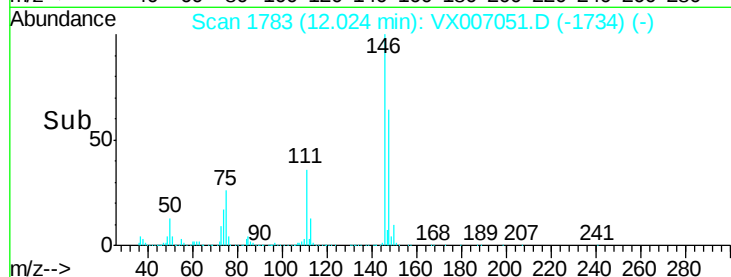
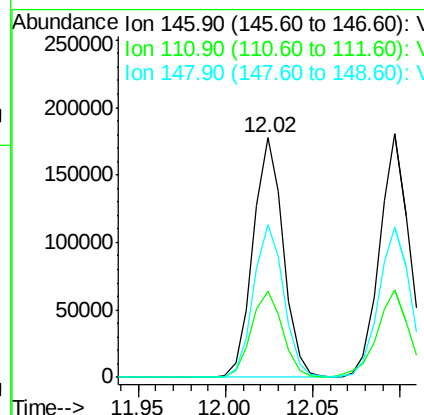
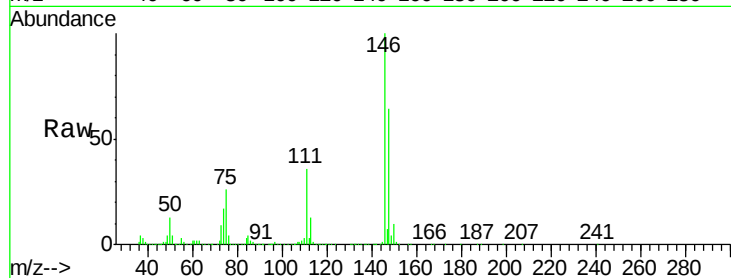




#87
 1,3-Dichlorobenzene
 Concen: 16.415 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007051.D
 Acq: 15 Jan 2019 12:00

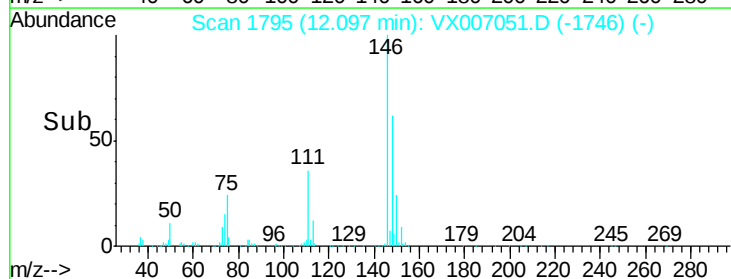
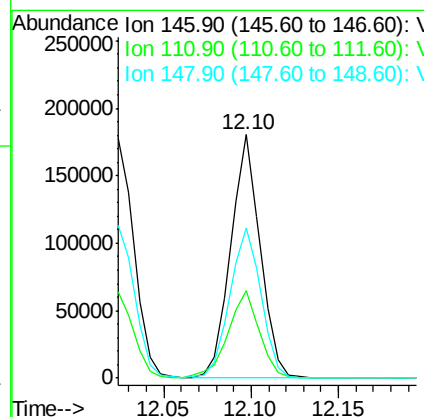
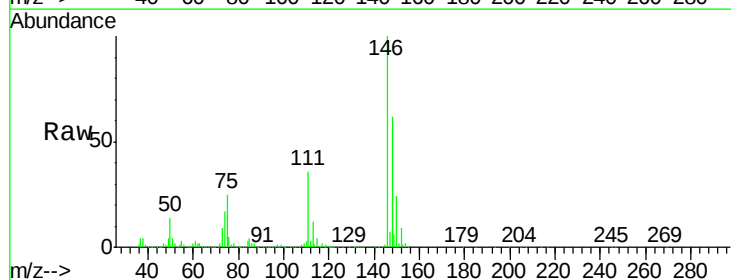
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

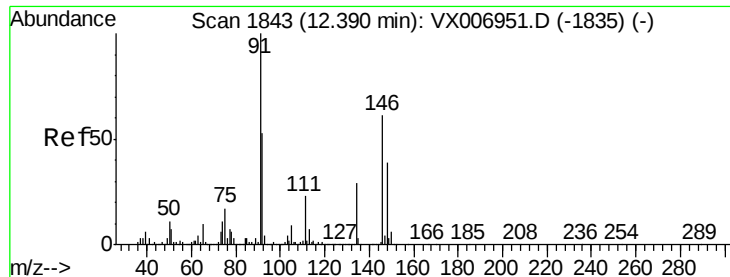
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	63.9	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.312 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007051.D
 Acq: 15 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.1
148	65.8	31.9	95.9





#89

n-Butylbenzene

Concen: 16.881 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

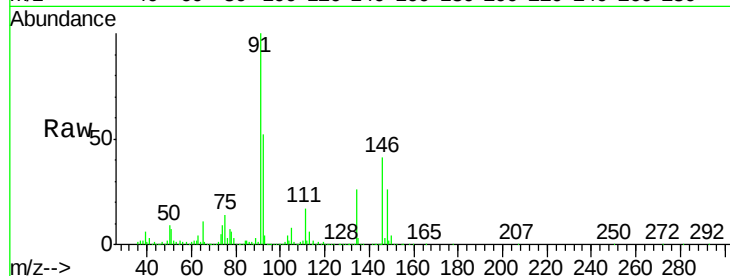
Tot Ion: 91 Resp: 333670

Ion Ratio Lower Upper

91 100

92 52.7 26.8 80.4

134 28.1 14.4 43.2

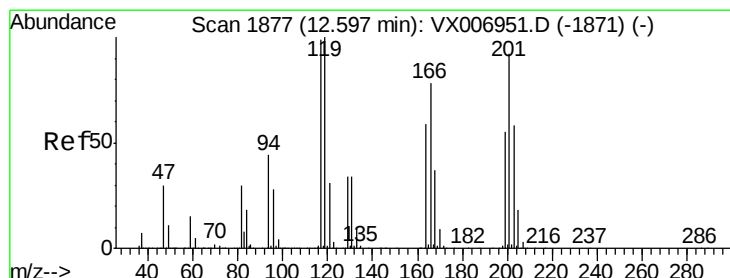
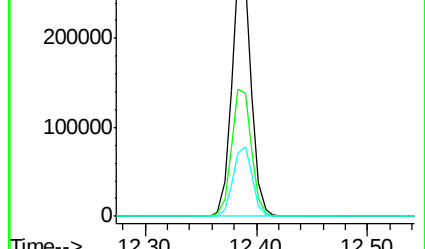
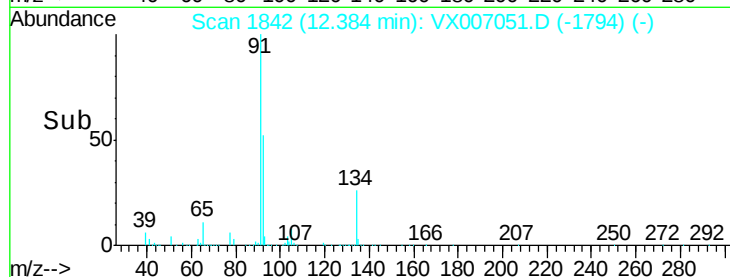


Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX006951.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX006951.D (-1835) (-)

Time-->



#90

Hexachloroethane

Concen: 16.335 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007051.D

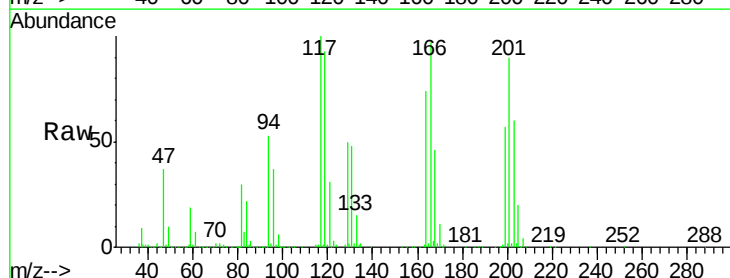
Acq: 15 Jan 2019 12:00

Tgt Ion: 117 Resp: 52769

Ion Ratio Lower Upper

117 100

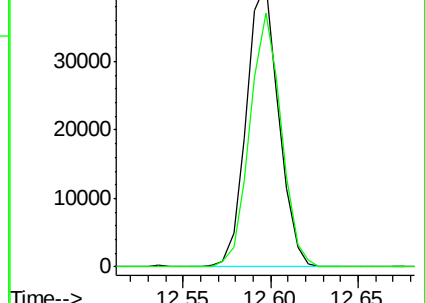
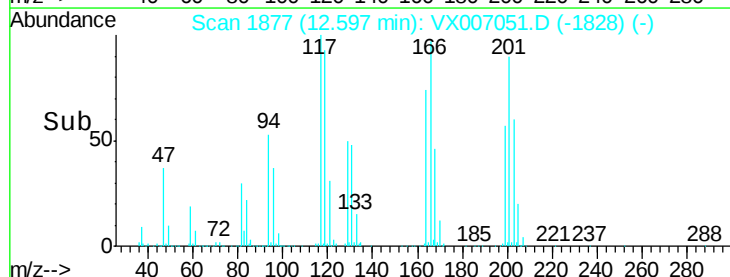
201 87.9 42.9 128.7

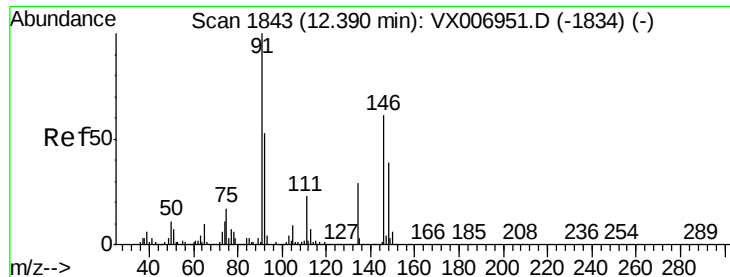


Abundance Ion 116.80 (116.50 to 117.50): VX006951.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX006951.D (-1871) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 16.336 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS01

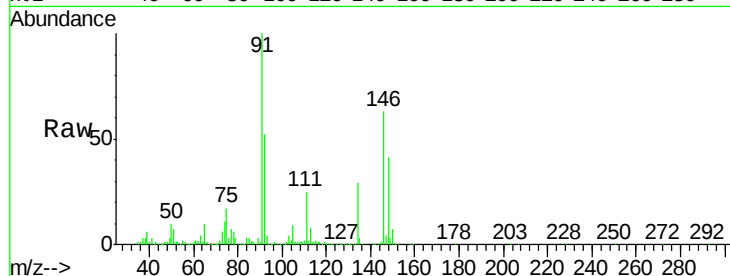
Tot Ion:146 Resp: 209040

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

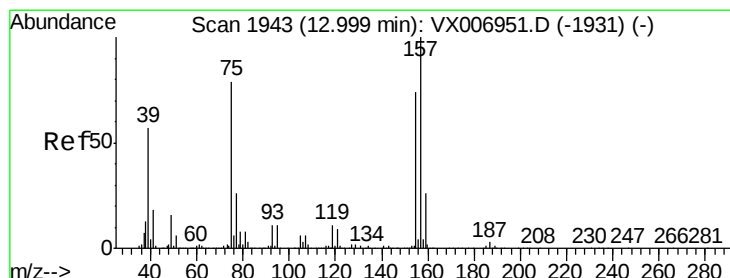
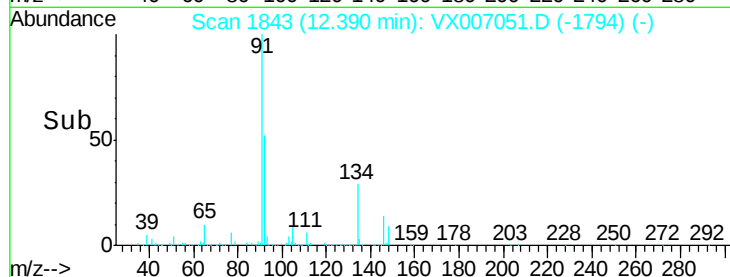
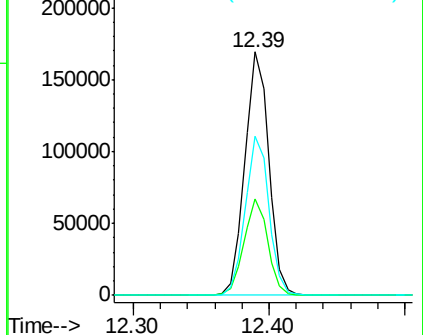
148 64.5 32.3 96.9



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: 15.167 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007051.D

Acq: 15 Jan 2019 12:00

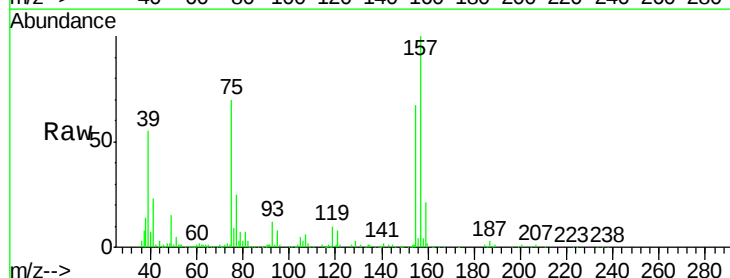
Tgt Ion: 75 Resp: 24794

Ion Ratio Lower Upper

75 100

155 100.9 50.6 151.8

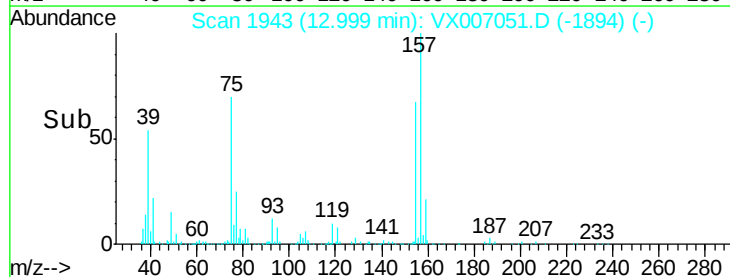
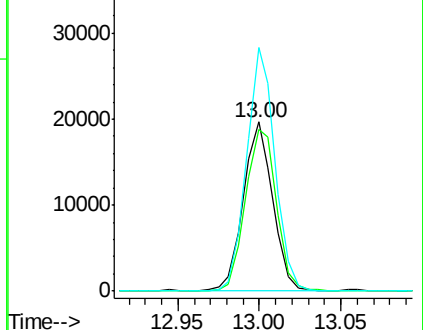
157 138.8 64.6 193.8

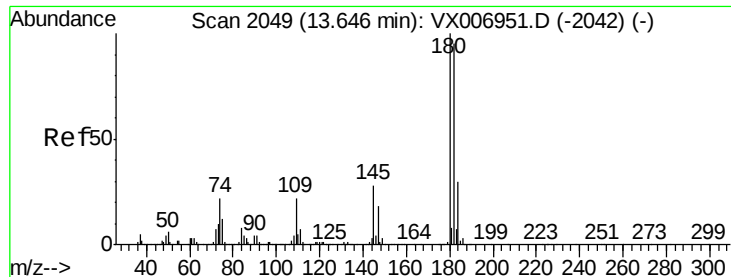


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

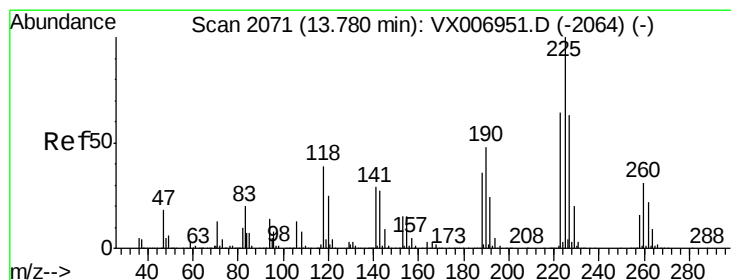
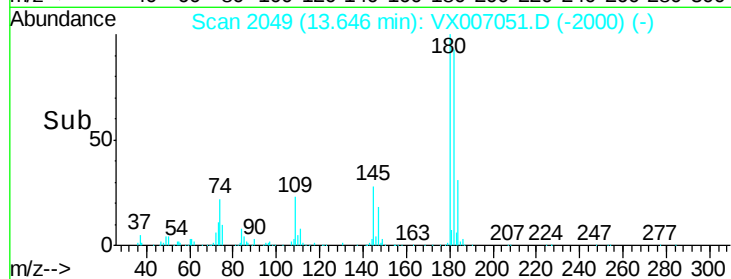
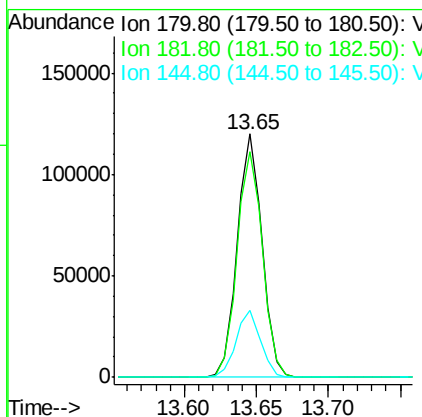
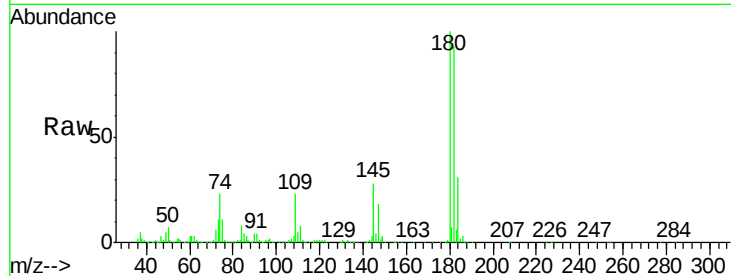




#93
 1,2,4-Trichlorobenzene
 Concen: 16.399 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007051.D
 Acq: 15 Jan 2019 12:00

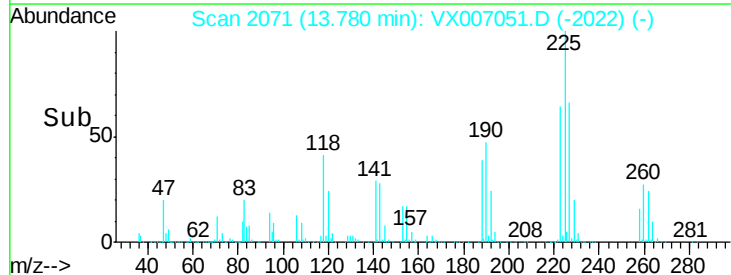
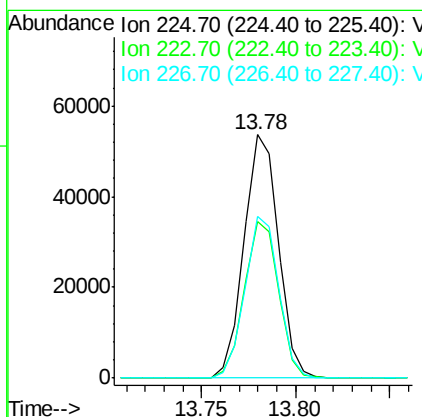
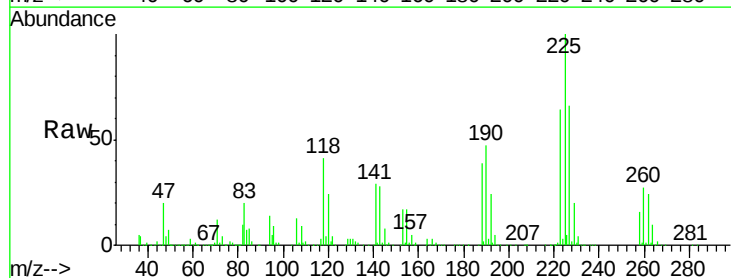
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

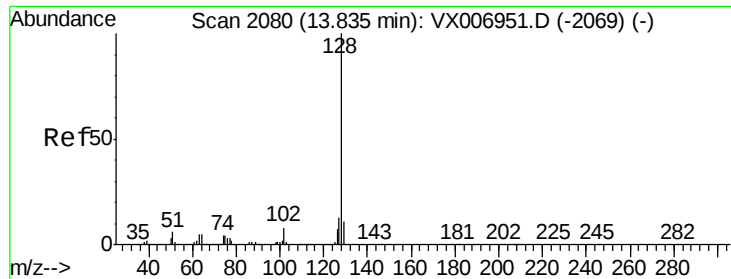
Tot Ion:180 Resp: 143968
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 142.0
 145 27.7 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 17.434 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007051.D
 Acq: 15 Jan 2019 12:00

Tgt Ion:225 Resp: 67919
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.1 96.3
 227 65.6 32.3 96.8

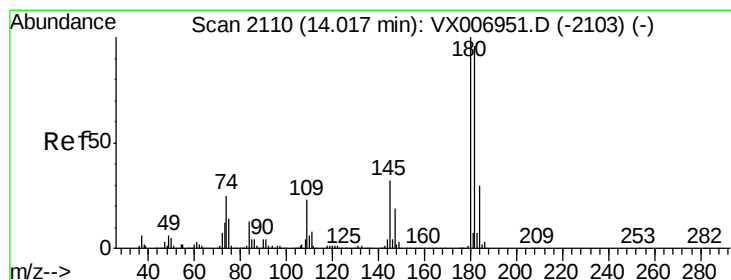
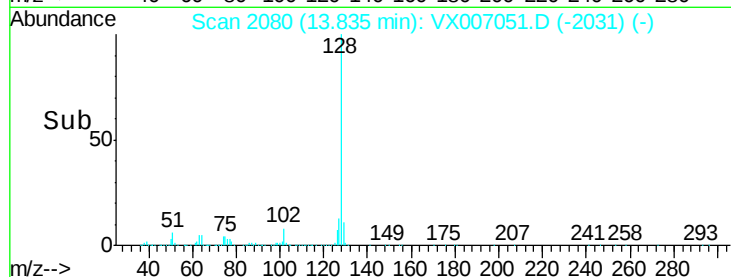
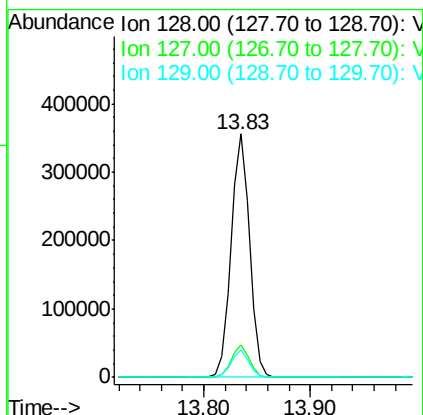
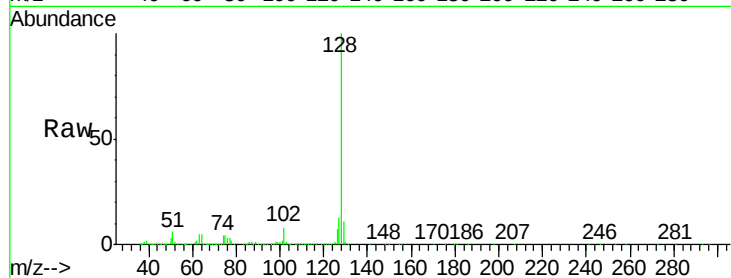




#95
Naphthalene
Concen: 16.352 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 16.677 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007051.D
Acq: 15 Jan 2019 12:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	48.5	145.5
145	30.4	16.0	47.9

