

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011519\
 Data File : VX007059.D
 Acq On : 15 Jan 2019 15:33
 Operator : JC/SP
 Sample : VX0115WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS02

Quant Time: Jan 16 00:04:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	502972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	754639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	692654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	352219	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	266907	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
35) Dibromofluoromethane	5.51	113	237858	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	887114	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	314387	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86792	21.013	ug/l	97
3) Chloromethane	1.33	50	98039	20.389	ug/l	98
4) Vinyl Chloride	1.41	62	105269	20.352	ug/l	98
5) Bromomethane	1.64	94	106558	19.283	ug/l	96
6) Chloroethane	1.72	64	68683	19.018	ug/l	95
7) Trichlorofluoromethane	1.93	101	166958	19.978	ug/l	94
8) Diethyl Ether	2.19	74	65017	19.555	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	95779	19.143	ug/l	99
10) Methyl Iodide	2.51	142	143731	21.296	ug/l	99
11) Tert butyl alcohol	3.07	59	132252	106.657	ug/l	99
12) 1,1-Dichloroethene	2.37	96	89235	19.304	ug/l	99
13) Acrolein	2.30	56	73746	139.283	ug/l	97
14) Allyl chloride	2.73	41	155362	19.610	ug/l	98
15) Acrylonitrile	3.15	53	301393	105.881	ug/l	99
16) Acetone	2.45	43	259234	99.758	ug/l	99
17) Carbon Disulfide	2.57	76	201650	16.943	ug/l	99
18) Methyl Acetate	2.78	43	157880	20.979	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	321023	20.008	ug/l	98
20) Methylene Chloride	2.86	84	103822	20.673	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	95978	18.631	ug/l	98
22) Diisopropyl ether	3.87	45	294126	19.748	ug/l	96
23) Vinyl Acetate	3.82	43	1212809	96.557	ug/l	99
24) 1,1-Dichloroethane	3.70	63	163376	19.617	ug/l	99
25) 2-Butanone	4.70	43	384728	103.469	ug/l	96
26) 2,2-Dichloropropane	4.59	77	110818	17.304	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	109388	19.251	ug/l	99
28) Bromochloromethane	5.02	49	72495	19.868	ug/l	95
29) Tetrahydrofuran	5.15	42	246718	102.101	ug/l	98
30) Chloroform	5.21	83	174854	20.053	ug/l	98
31) Cyclohexane	5.58	56	142980	19.289	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	143947	19.476	ug/l	98
36) 1,1-Dichloropropene	5.80	75	124678	19.003	ug/l	98
37) Ethyl Acetate	4.85	43	144470	20.539	ug/l	98
38) Carbon Tetrachloride	5.78	117	122452	18.550	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011519\
 Data File : VX007059.D
 Acq On : 15 Jan 2019 15:33
 Operator : JC/SP
 Sample : VX0115WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS02

Quant Time: Jan 16 00:04:31 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	152998	18.292	ug/l	97
40) Benzene	6.14	78	390060	19.484	ug/l	97
41) Methacrylonitrile	5.06	41	77275	19.070	ug/l	97
42) 1,2-Dichloroethane	6.20	62	130717	18.895	ug/l	100
43) Isopropyl Acetate	6.46	43	213783	19.268	ug/l	99
44) Trichloroethene	7.21	130	113397	18.902	ug/l	100
45) 1,2-Dichloropropane	7.52	63	95999	19.074	ug/l	98
46) Dibromomethane	7.66	93	67540	19.094	ug/l	96
47) Bromodichloromethane	7.90	83	114659	19.044	ug/l	96
48) Methyl methacrylate	7.77	41	113312	19.887	ug/l	98
49) 1,4-Dioxane	7.75	88	54172	411.274	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	748945	105.036	ug/l	99
52) Toluene	8.79	92	248475	19.311	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	121266	18.164	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	137808	18.691	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	106454	20.670	ug/l	98
56) Ethyl methacrylate	9.18	69	153018	20.352	ug/l	96
57) 1,3-Dichloropropane	9.37	76	166731	19.761	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	403592	104.401	ug/l	98
59) 2-Hexanone	9.49	43	567656	104.468	ug/l	98
60) Dibromochloromethane	9.59	129	98388	19.673	ug/l	98
61) 1,2-Dibromoethane	9.67	107	112660	19.870	ug/l	99
64) Tetrachloroethene	9.34	164	115612	19.279	ug/l	97
65) Chlorobenzene	10.14	112	292419	19.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97910	19.266	ug/l	99
67) Ethyl Benzene	10.25	91	473190	18.973	ug/l	100
68) m/p-Xylenes	10.36	106	378154	38.485	ug/l	100
69) o-Xylene	10.70	106	182598	19.055	ug/l	96
70) Styrene	10.71	104	297130	19.577	ug/l	100
71) Bromoform	10.86	173	70109	18.689	ug/l	98
73) Isopropylbenzene	11.02	105	487749	19.639	ug/l	99
74) N-amyl acetate	10.90	43	192480	19.249	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	158724	20.131	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	172113	24.114	ug/l	90
77) Bromobenzene	11.26	156	131331	19.191	ug/l	99
78) n-propylbenzene	11.36	91	537564	19.716	ug/l	99
79) 2-Chlorotoluene	11.42	91	321368	19.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	406416	19.584	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34776	17.374	ug/l	91
82) 4-Chlorotoluene	11.51	91	371676	19.559	ug/l	100
83) tert-Butylbenzene	11.77	119	405639	19.591	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	415183	19.895	ug/l	100
85) sec-Butylbenzene	11.94	105	486620	19.679	ug/l	99
86) p-Isopropyltoluene	12.07	119	437734	19.790	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	235108	19.007	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	235515	20.182	ug/l	99
89) n-Butylbenzene	12.39	91	359664	19.075	ug/l	99
90) Hexachloroethane	12.60	117	60796	19.124	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	235319	19.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30600	19.623	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011519\
Data File : VX007059.D
Acq On : 15 Jan 2019 15:33
Operator : JC/SP
Sample : VX0115WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS02

Quant Time: Jan 16 00:04:31 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

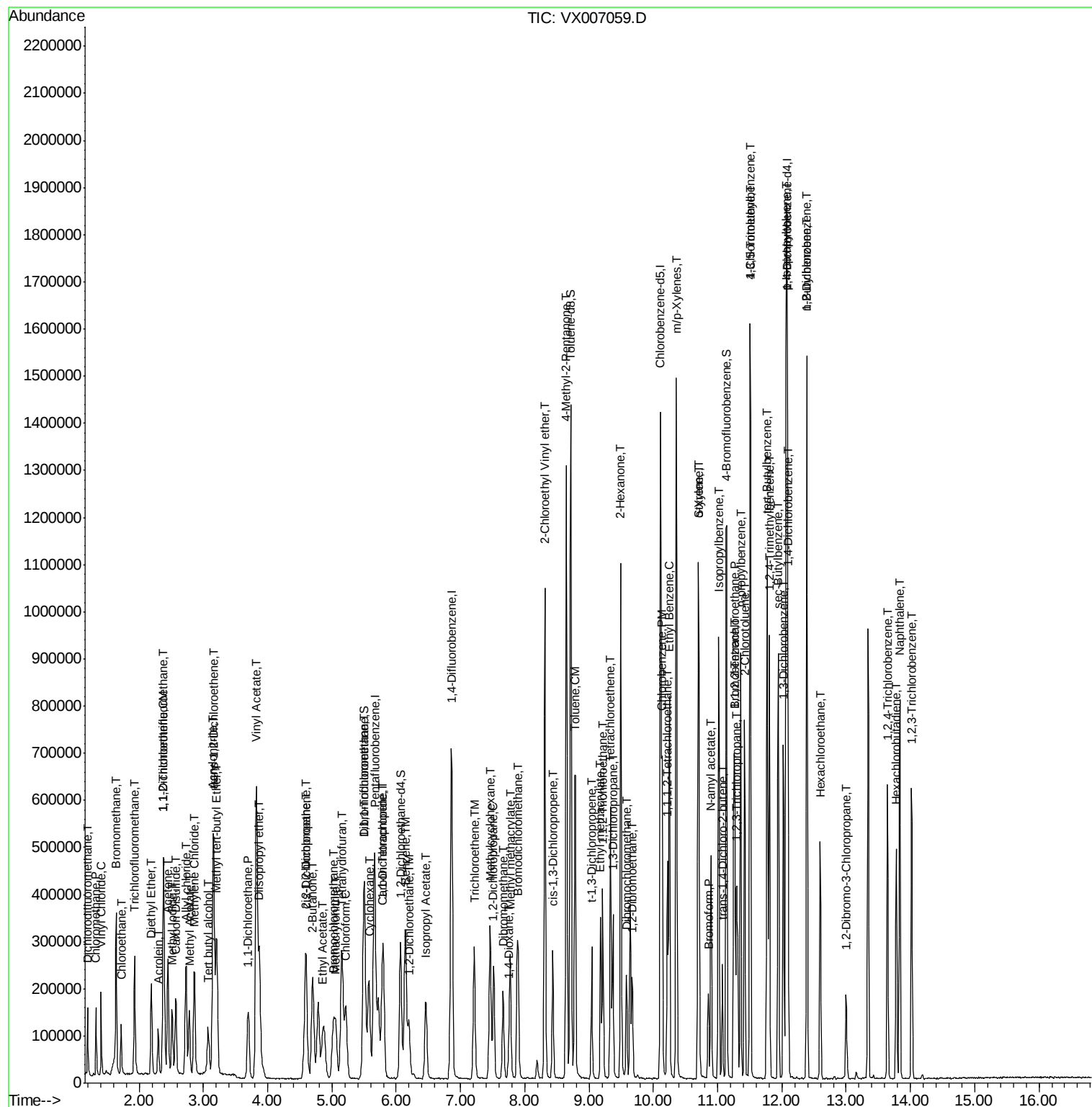
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	153979	18.386	ug/l	98
94) Hexachlorobutadiene	13.78	225	72082	19.396	ug/l	99
95) Naphthalene	13.83	128	499824	19.696	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	156335	18.792	ug/l	99

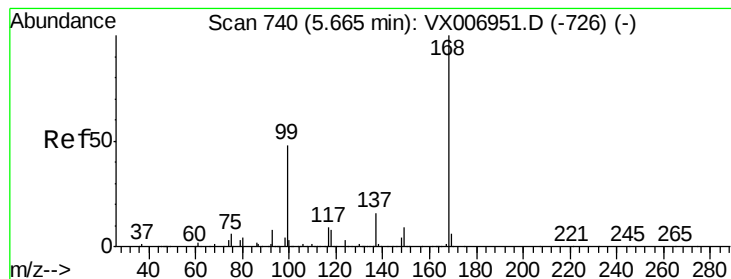
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011519\
Data File : VX007059.D
Acq On : 15 Jan 2019 15:33
Operator : JC/SP
Sample : VX0115WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS02

Quant Time: Jan 16 00:04:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

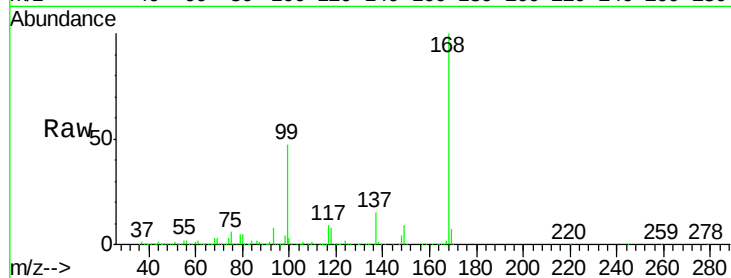
VX0115WBS02

Tot Ion:168 Resp: 502972

Ion Ratio Lower Upper

168 100

99 47.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

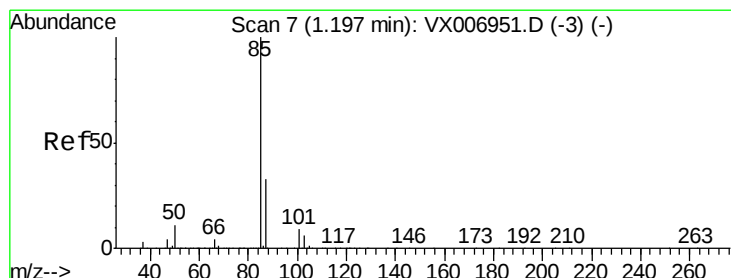
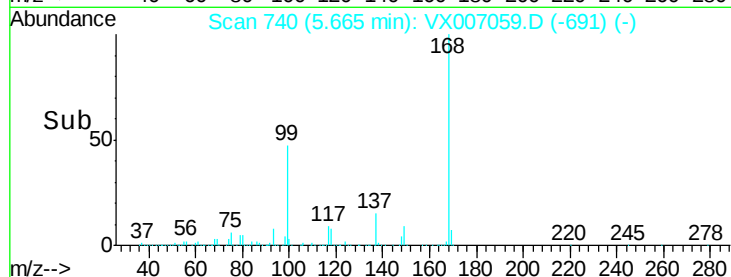
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.013 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007059.D

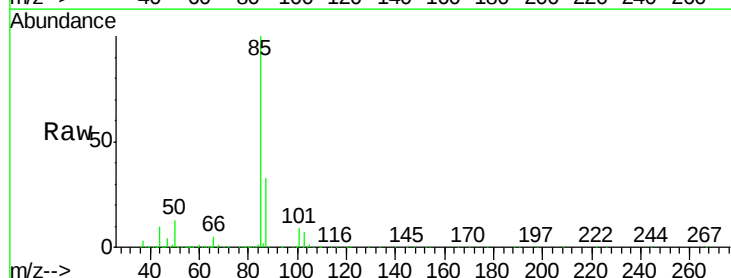
Acq: 15 Jan 2019 15:33

Tgt Ion: 85 Resp: 86792

Ion Ratio Lower Upper

85 100

87 33.3 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

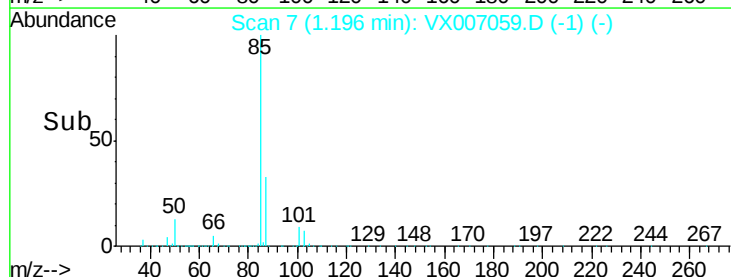
60000

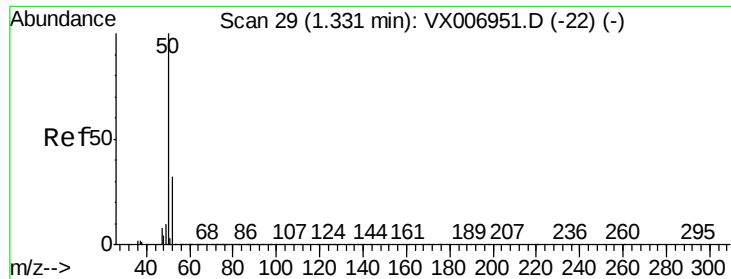
40000

20000

0

Time-->

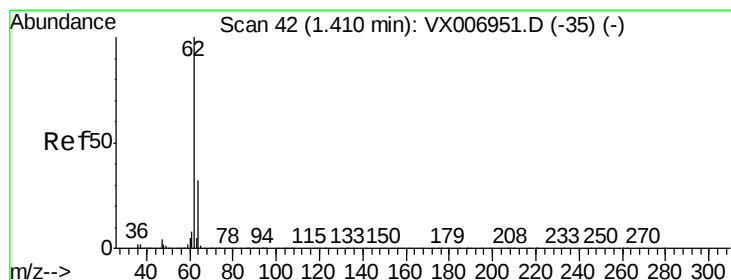
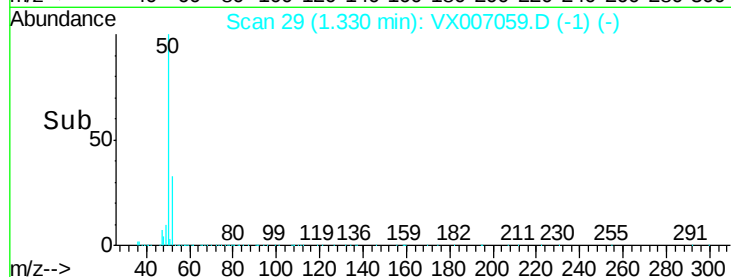
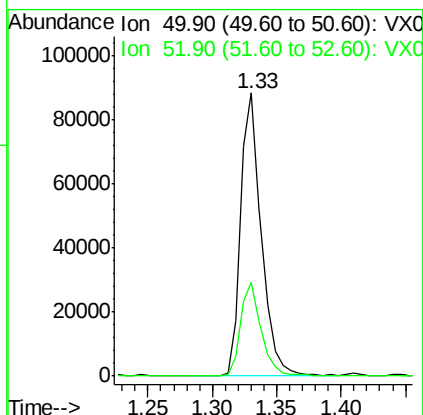
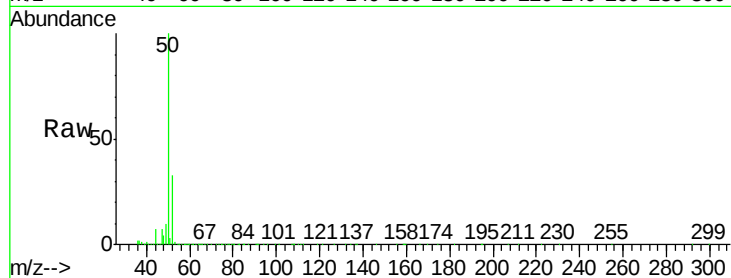




#3
Chloromethane
Concen: 20.389 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

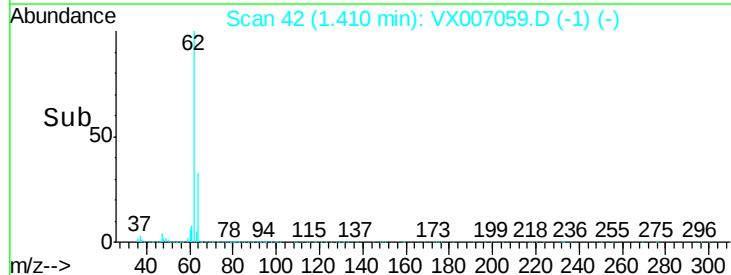
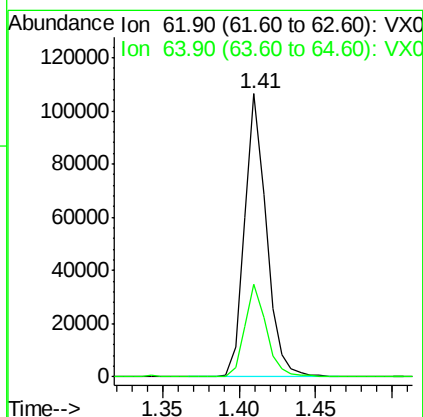
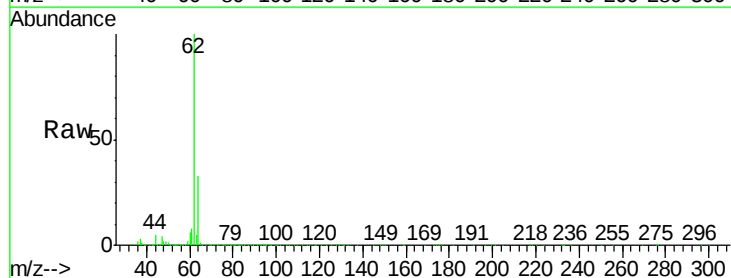
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS02

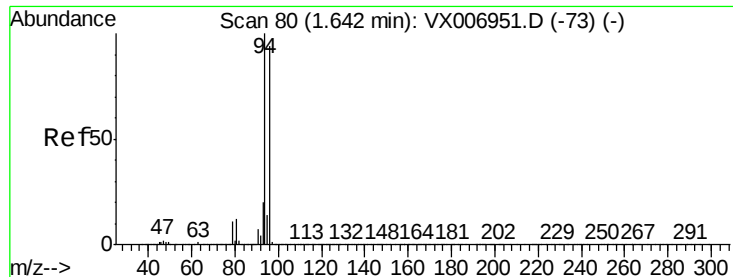
Tot Ion: 50 Resp: 98039
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 20.352 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

Tgt Ion: 62 Resp: 105269
Ion Ratio Lower Upper
62 100
64 32.5 25.1 37.7





#5

Bromomethane

Concen: 19.283 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

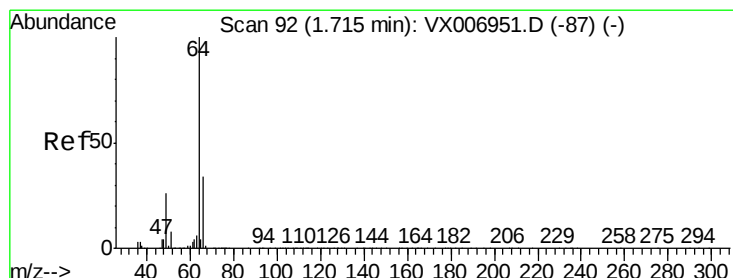
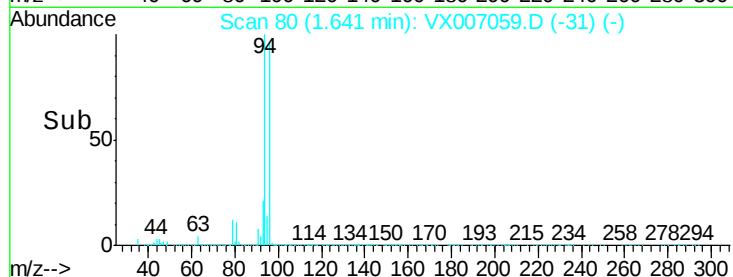
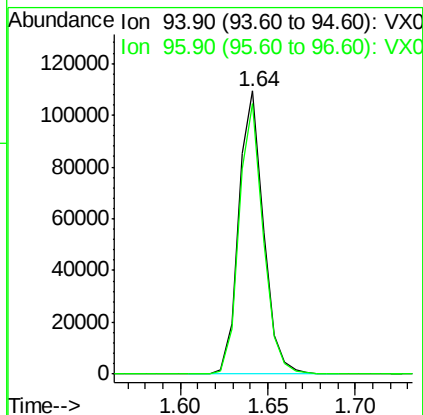
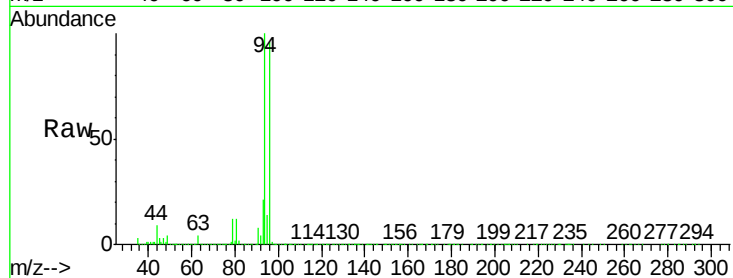
VX0115WBS02

Tot Ion: 94 Resp: 106558

Ion Ratio Lower Upper

94 100

96 95.7 73.4 110.2



#6

Chloroethane

Concen: 19.018 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007059.D

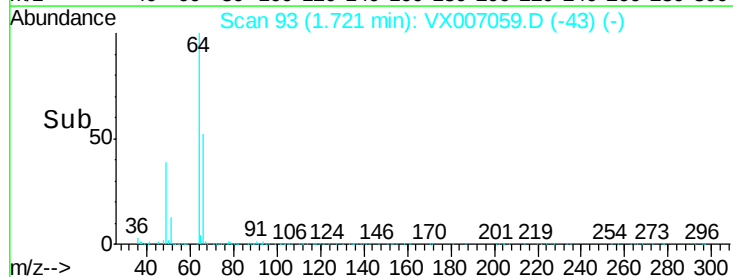
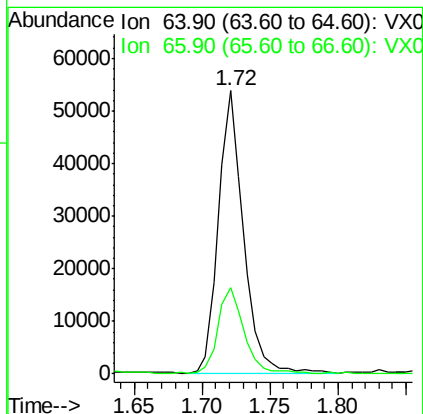
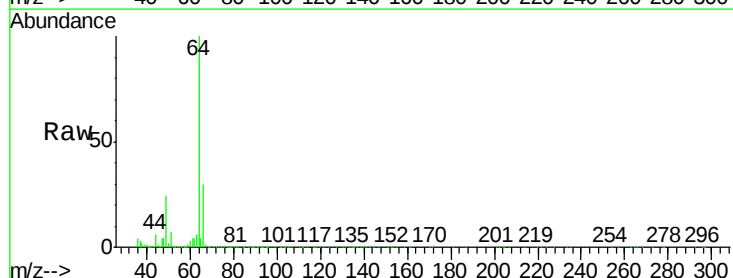
Acq: 15 Jan 2019 15:33

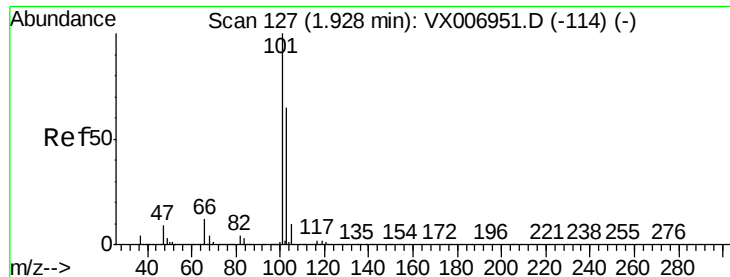
Tgt Ion: 64 Resp: 68683

Ion Ratio Lower Upper

64 100

66 30.1 26.4 39.6



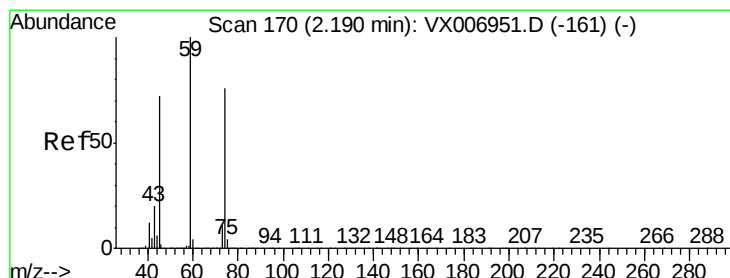
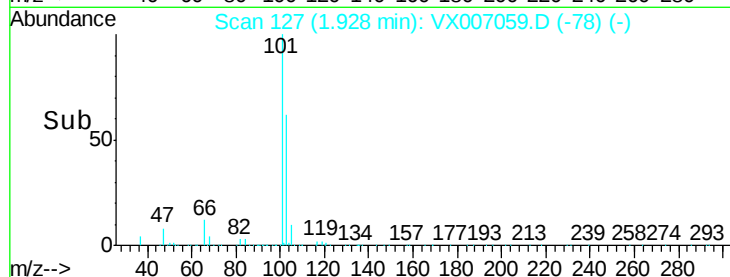
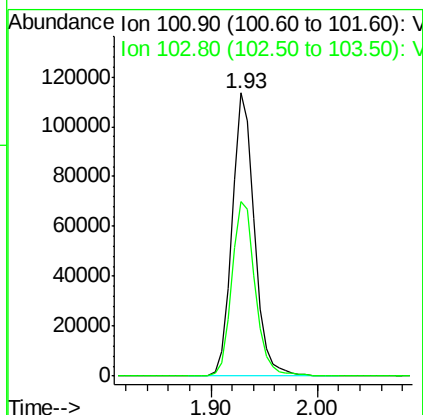
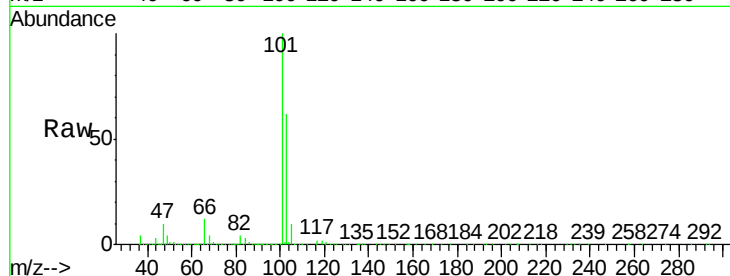


#7

Trichlorofluoromethane
Concen: 19.978 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS02

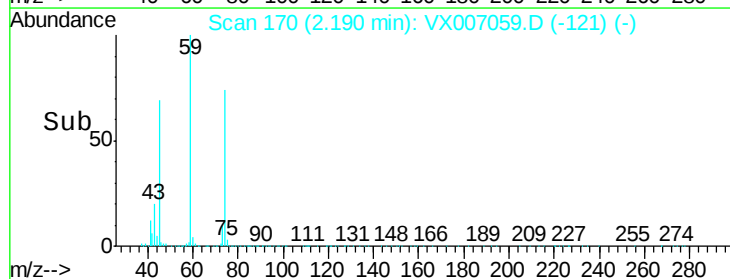
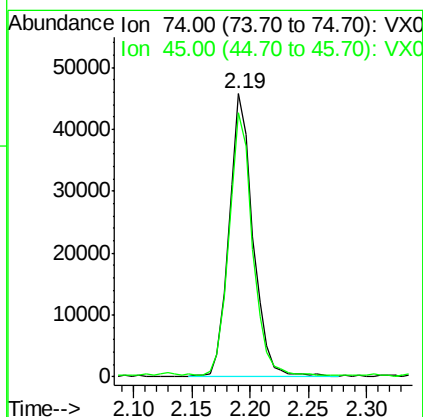
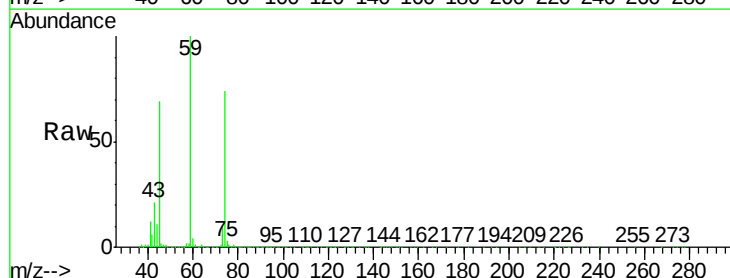
Tot Ion:101 Resp: 166958
Ion Ratio Lower Upper
101 100
103 61.7 53.2 79.8

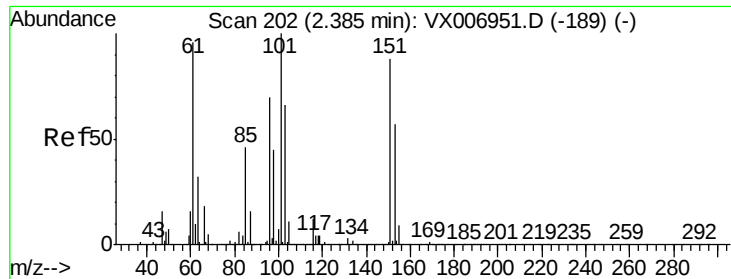


#8

Diethyl Ether
Concen: 19.555 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

Tgt Ion: 74 Resp: 65017
Ion Ratio Lower Upper
74 100
45 91.8 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.143 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

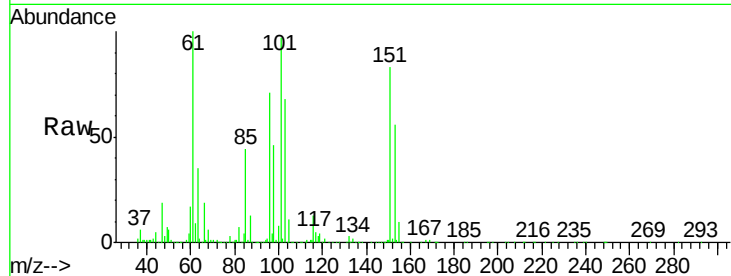
Tot Ion:101 Resp: 95779

Ion Ratio Lower Upper

101 100

85 45.3 35.1 52.7

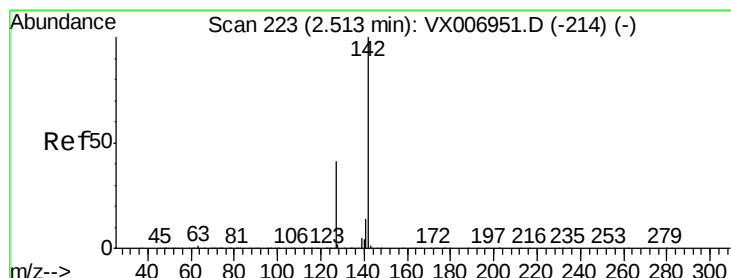
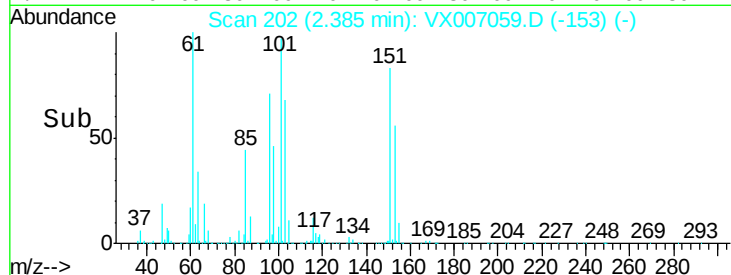
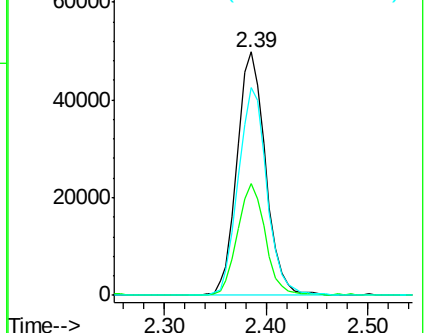
151 86.5 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.296 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

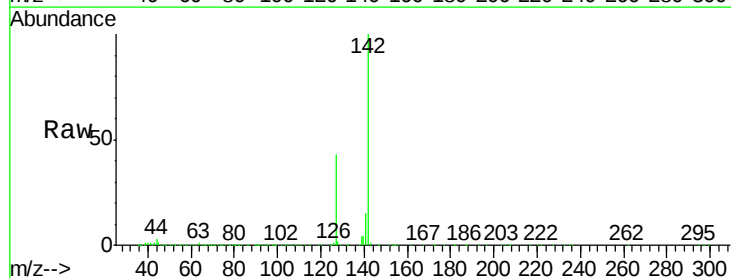
Tgt Ion:142 Resp: 143731

Ion Ratio Lower Upper

142 100

127 43.3 33.9 50.9

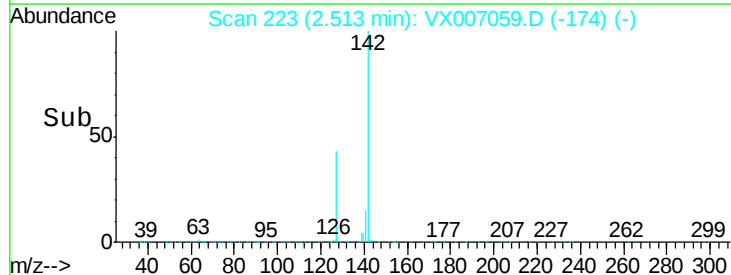
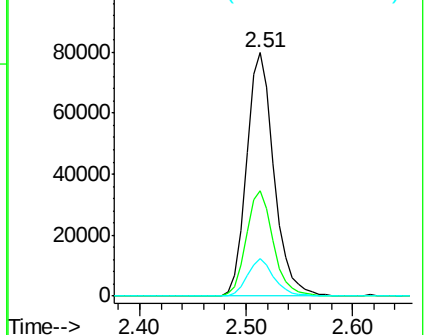
141 14.7 11.4 17.0

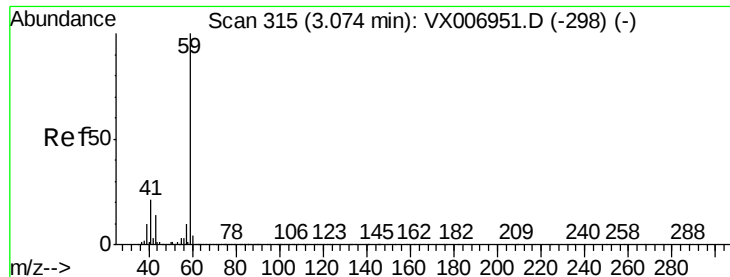


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



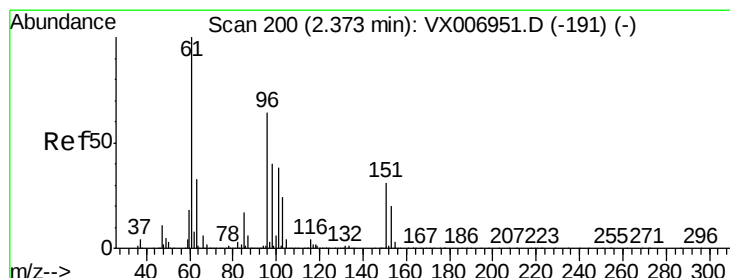
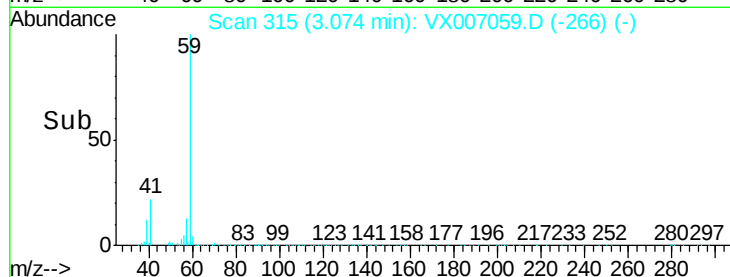
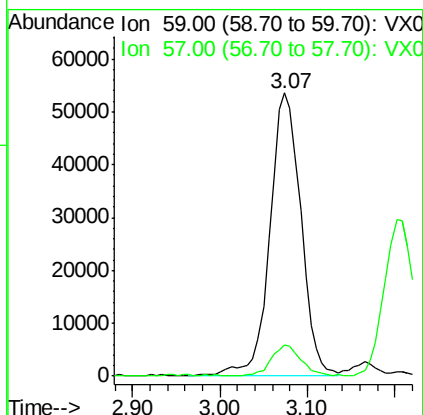
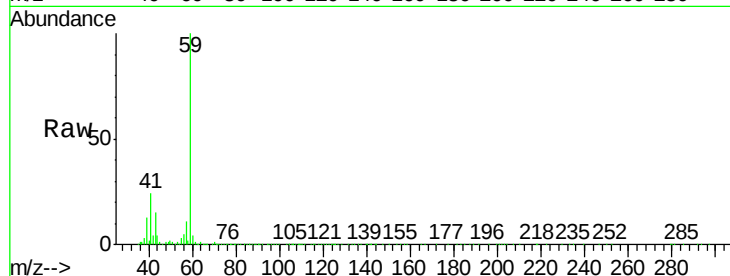


#11

Tert butyl alcohol
 Concen: 106.657 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX007059.D
 Acq: 15 Jan 2019 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS02

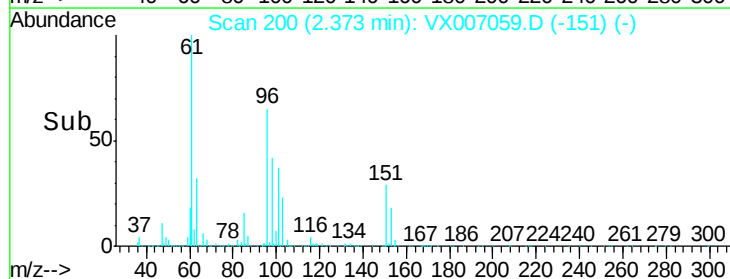
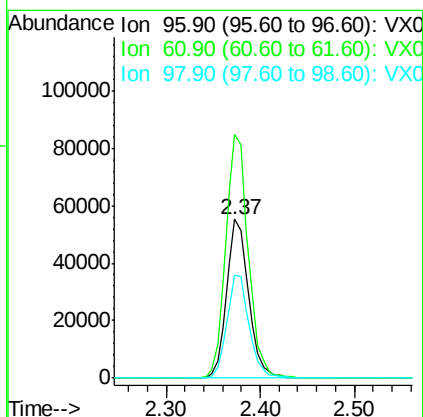
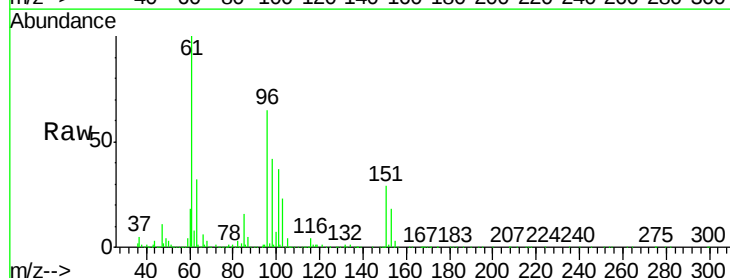
Tot Ion: 59 Resp: 132252
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

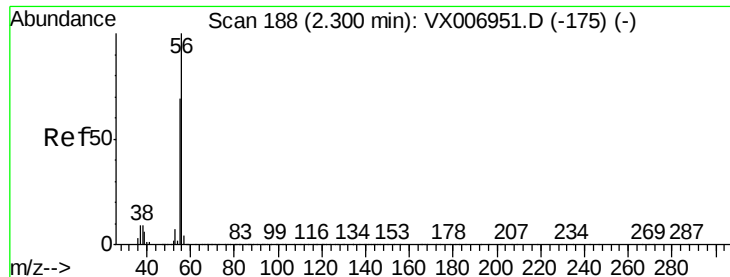


#12

1,1-Dichloroethene
 Concen: 19.304 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007059.D
 Acq: 15 Jan 2019 15:33

Tgt Ion: 96 Resp: 89235
 Ion Ratio Lower Upper
 96 100
 61 153.3 121.4 182.2
 98 65.0 51.9 77.9





#13

Acrolein

Concen: 139.283 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

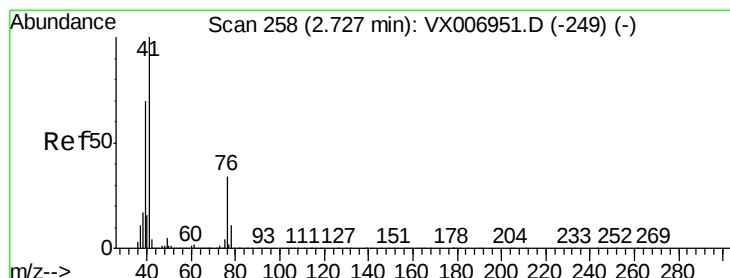
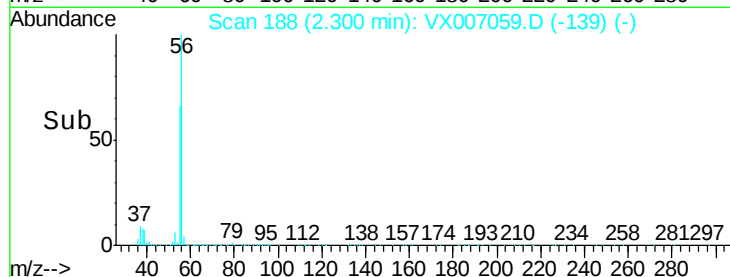
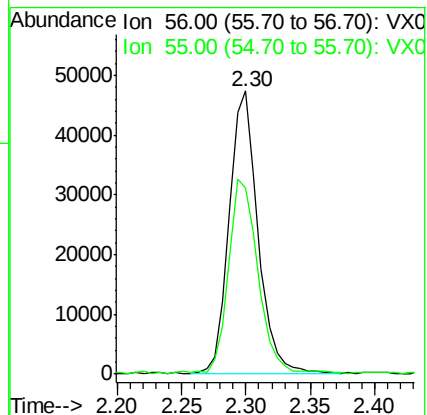
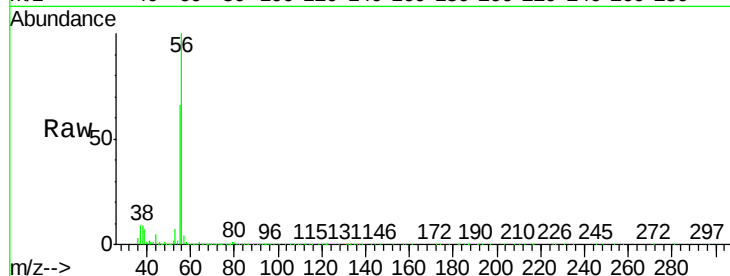
VX0115WBS02

Tot Ion: 56 Resp: 73746

Ion Ratio Lower Upper

56 100

55 70.3 58.2 87.4



#14

Allyl chloride

Concen: 19.610 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

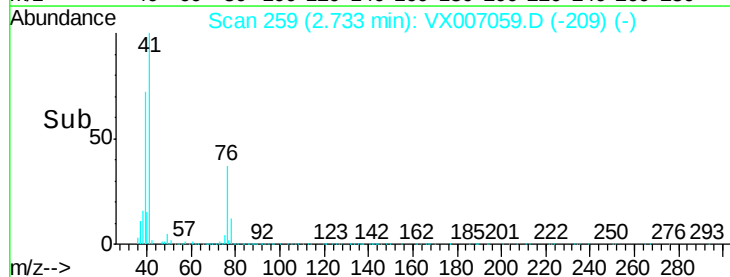
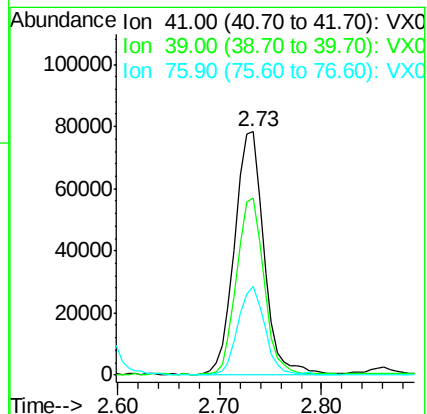
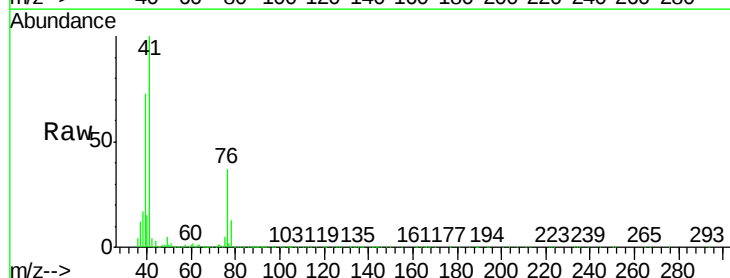
Tgt Ion: 41 Resp: 155362

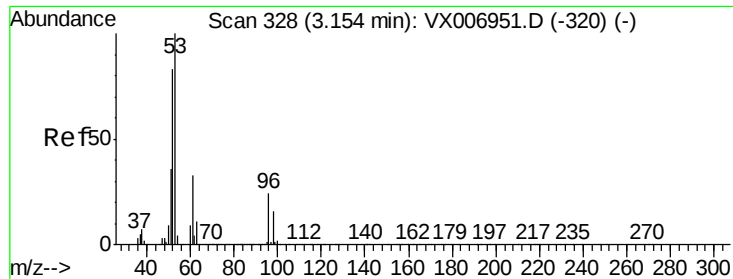
Ion Ratio Lower Upper

41 100

39 67.8 53.6 80.4

76 32.9 27.4 41.2





#15

Acrylonitrile

Concen: 105.881 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

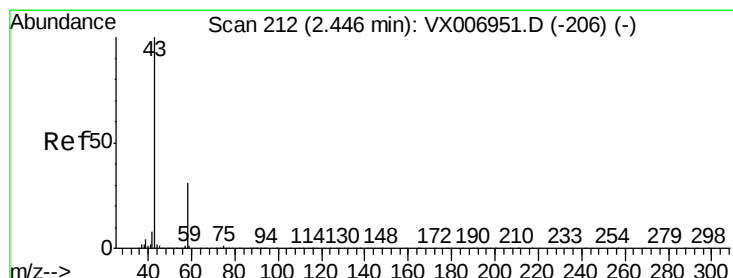
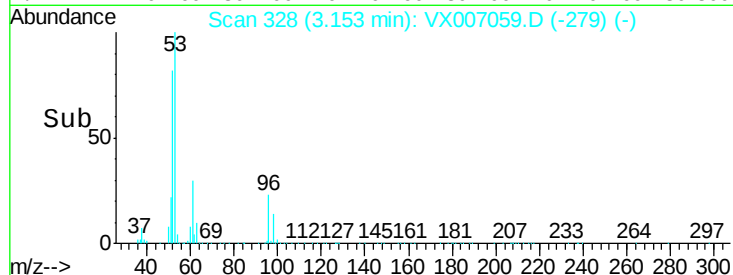
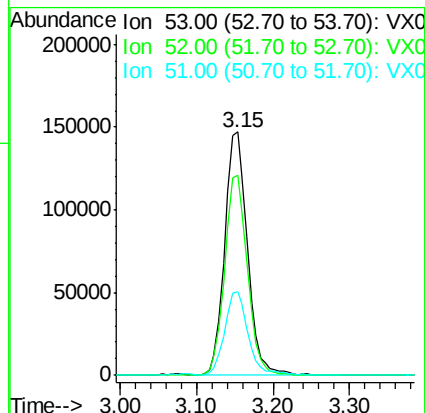
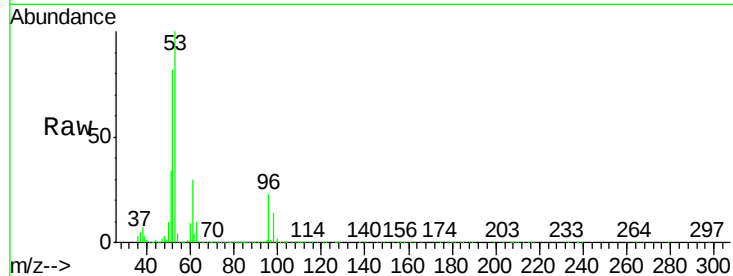
Tot Ion: 53 Resp: 301393

Ion Ratio Lower Upper

53 100

52 82.1 66.0 99.0

51 35.1 28.6 42.8



#16

Acetone

Concen: 99.758 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007059.D

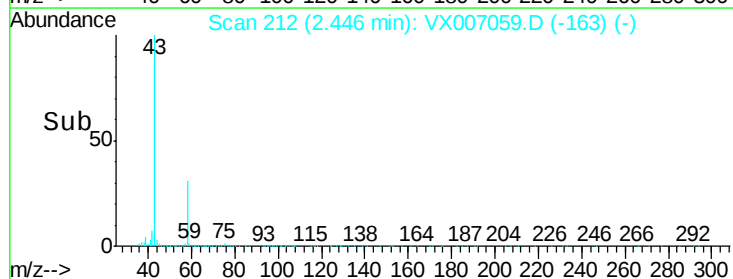
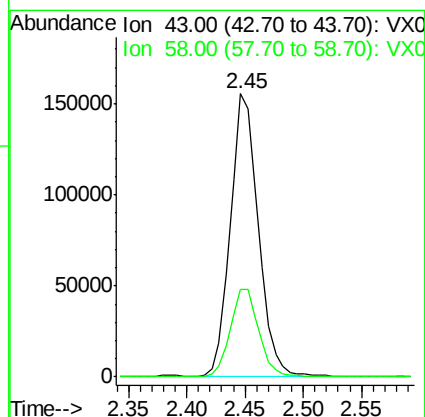
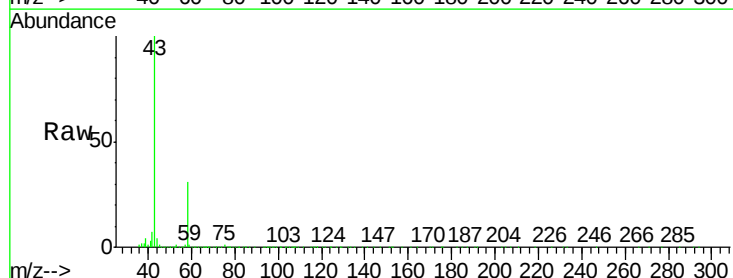
Acq: 15 Jan 2019 15:33

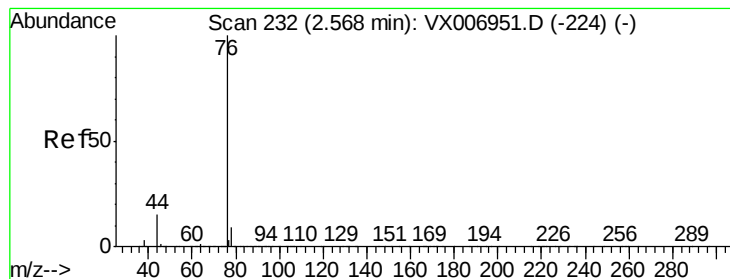
Tgt Ion: 43 Resp: 259234

Ion Ratio Lower Upper

43 100

58 30.8 25.0 37.6





#17

Carbon Disulfide

Concen: 16.943 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

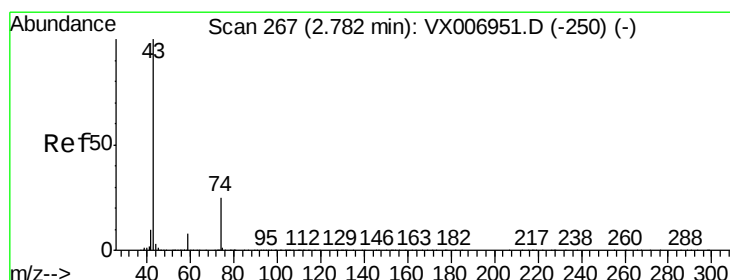
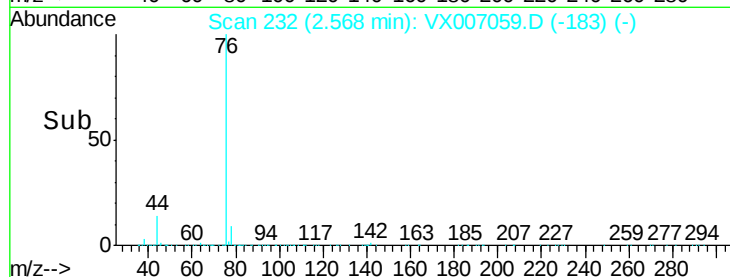
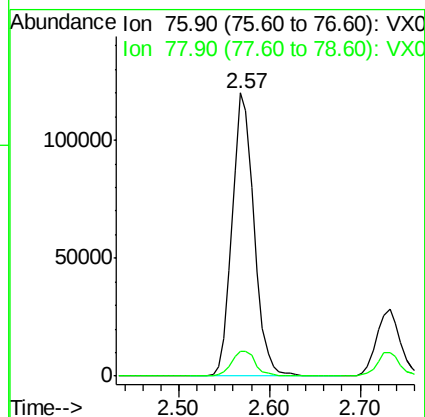
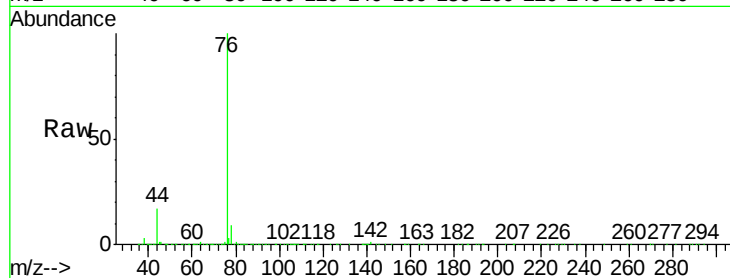
VX0115WBS02

Tot Ion: 76 Resp: 201650

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6



#18

Methyl Acetate

Concen: 20.979 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007059.D

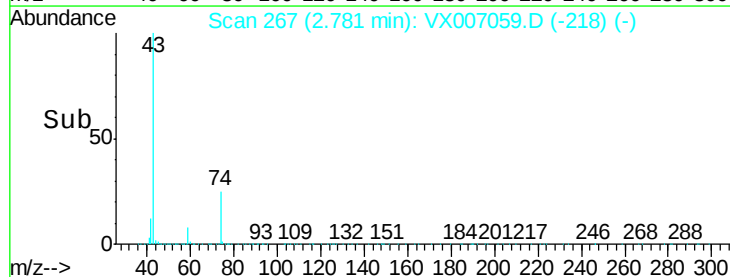
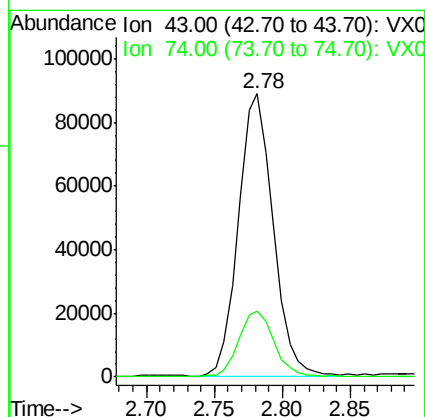
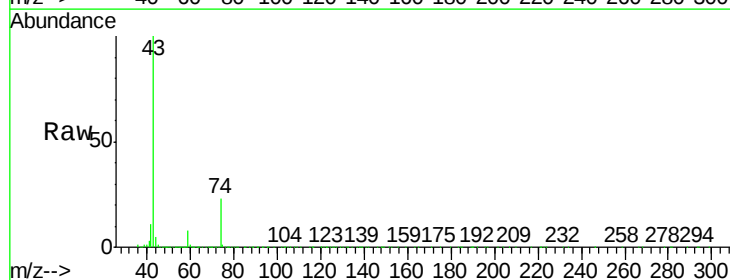
Acq: 15 Jan 2019 15:33

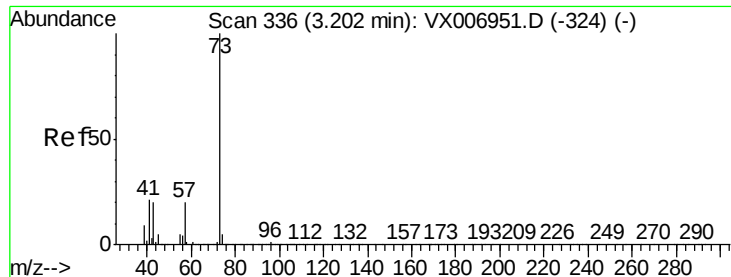
Tgt Ion: 43 Resp: 157880

Ion Ratio Lower Upper

43 100

74 24.9 18.6 28.0

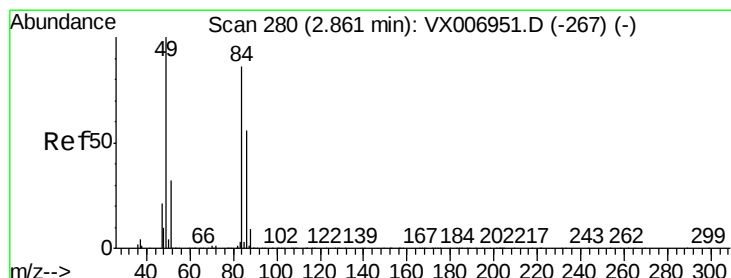
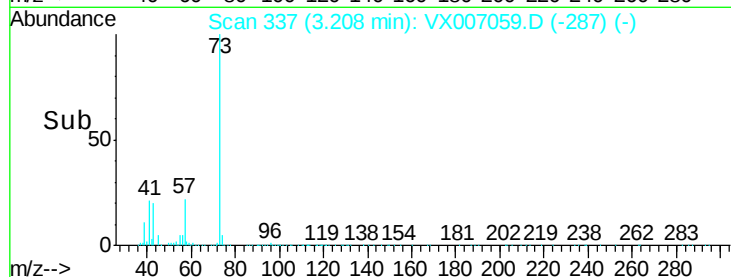
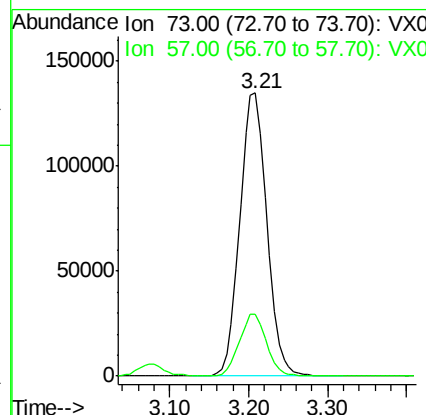
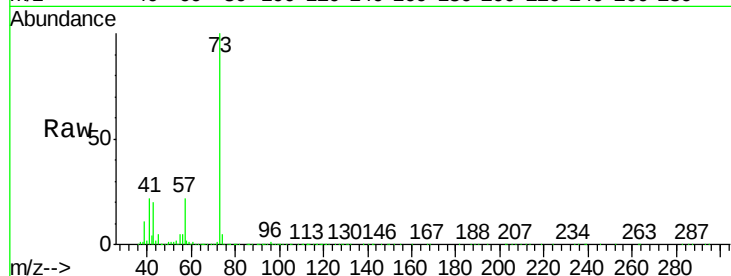




#19
Methvl tert-butvl Ether
Concen: 20.008 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

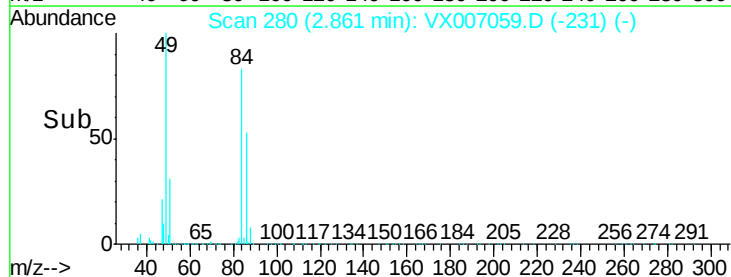
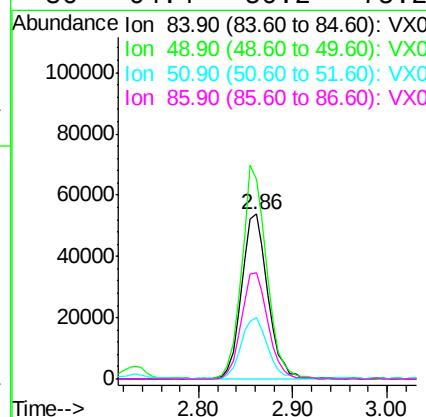
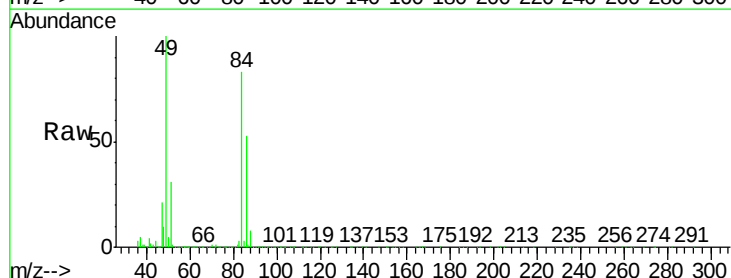
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS02

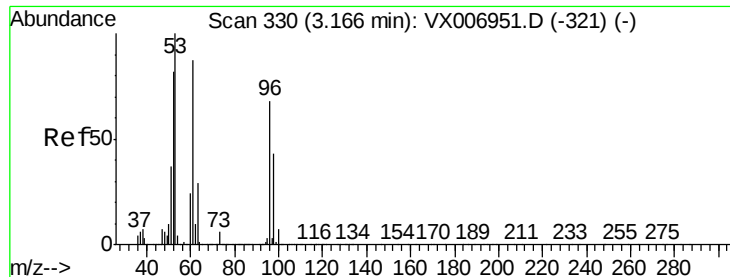
Tot Ion: 73 Resp: 321023
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2



#20
Methylene Chloride
Concen: 20.673 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

Tgt Ion: 84 Resp: 103822
Ion Ratio Lower Upper
84 100
49 120.8 91.8 137.6
51 37.2 28.5 42.7
86 64.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.631 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

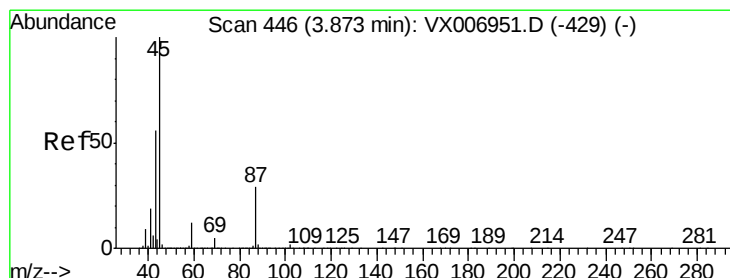
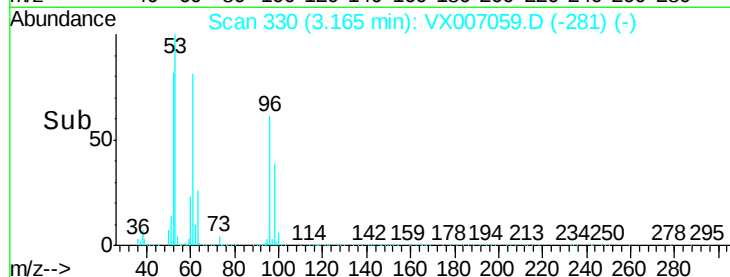
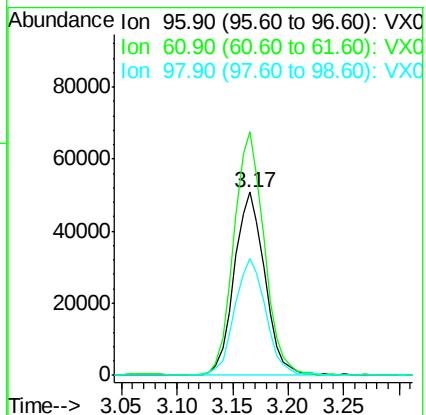
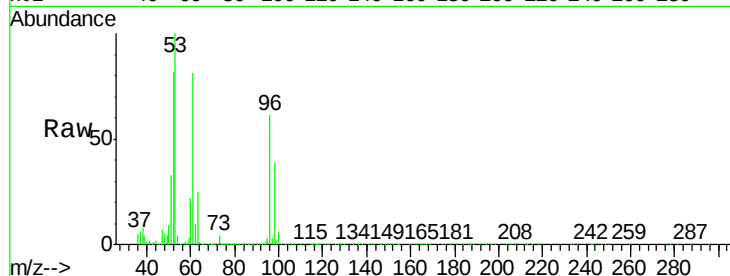
Tot Ion: 96 Resp: 95978

Ion Ratio Lower Upper

96 100

61 133.0 103.7 155.5

98 63.8 51.0 76.6



#22

Diisopropyl ether

Concen: 19.748 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Tgt Ion: 45 Resp: 294126

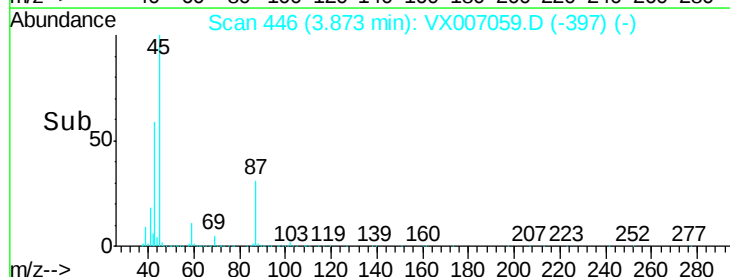
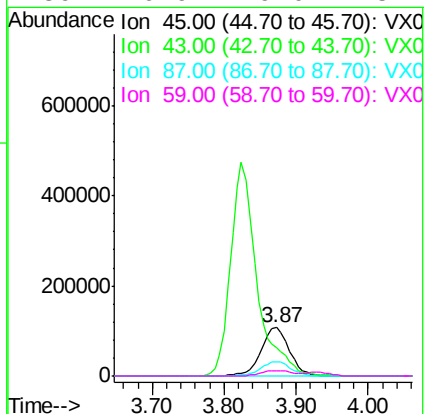
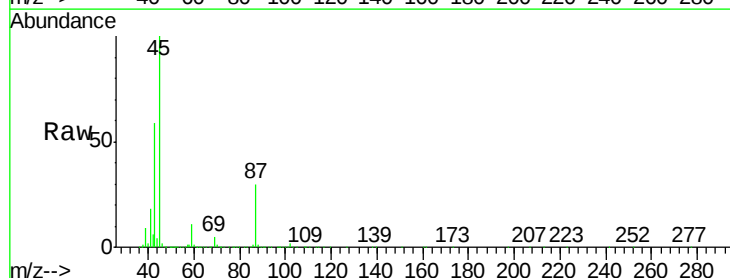
Ion Ratio Lower Upper

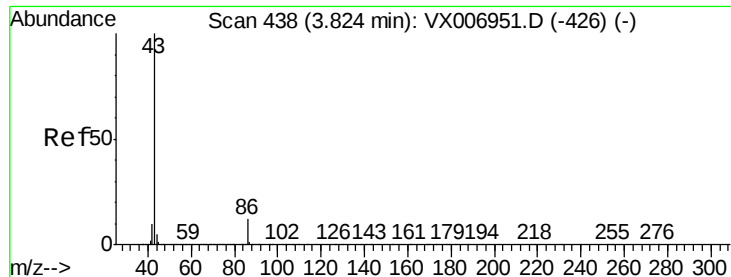
45 100

43 59.4 51.2 76.8

87 30.5 25.8 38.6

59 10.9 9.0 13.4





#23

Vinyl Acetate

Concen: 96.557 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

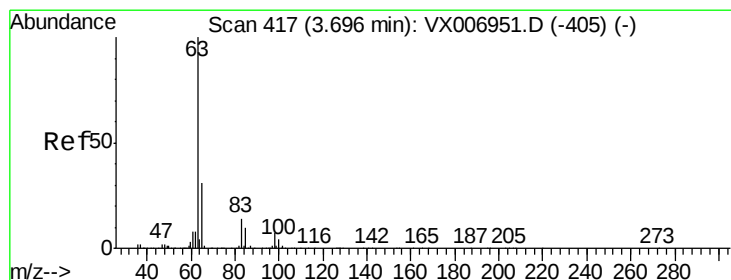
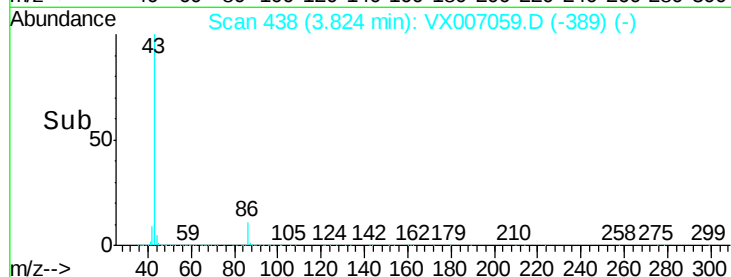
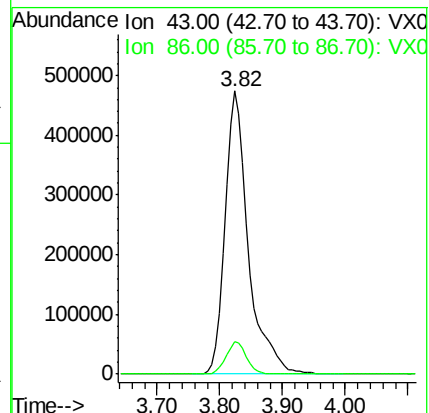
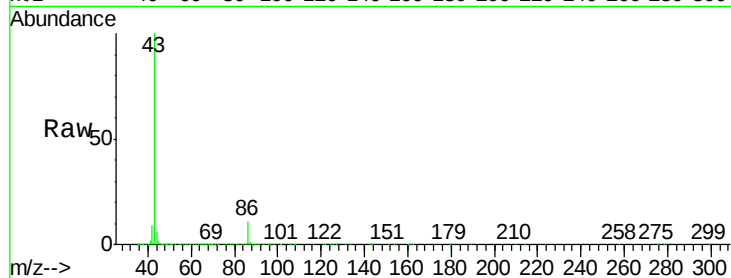
VX0115WBS02

Tot Ion: 43 Resp: 1212809

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8



#24

1,1-Dichloroethane

Concen: 19.617 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

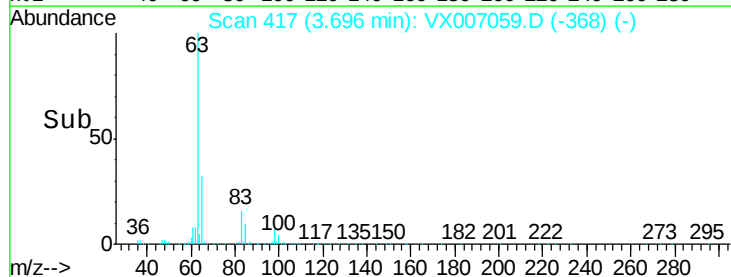
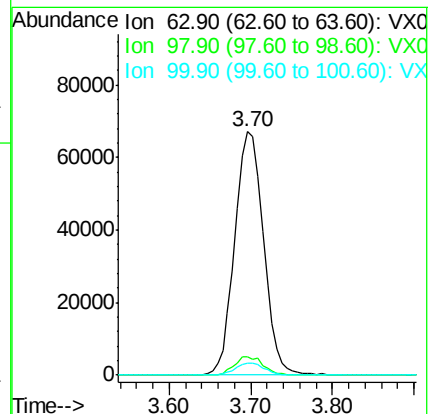
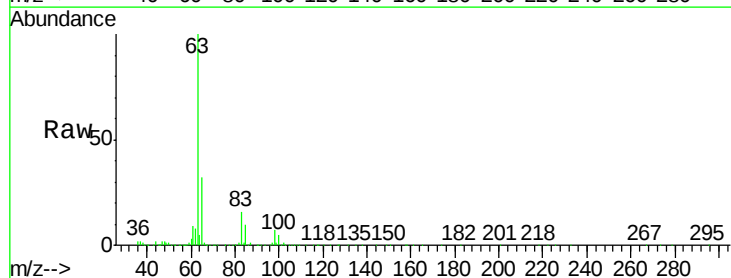
Tgt Ion: 63 Resp: 163376

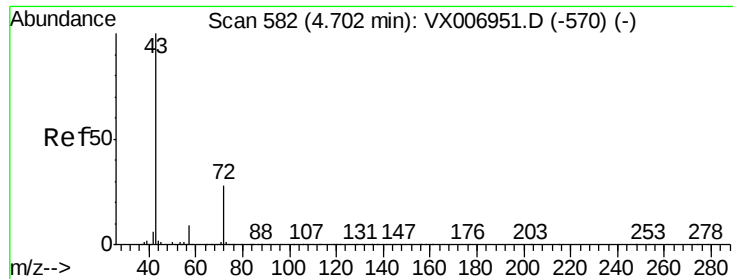
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 103.469 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

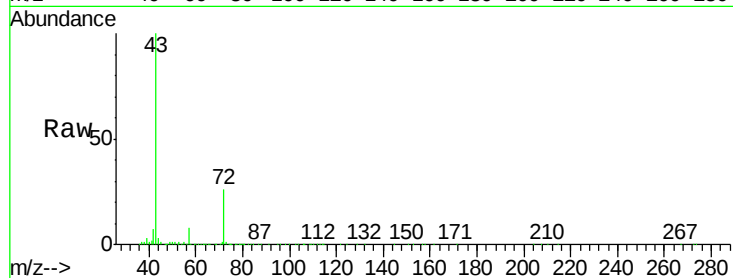
VX0115WBS02

Tot Ion: 43 Resp: 384728

Ion Ratio Lower Upper

43 100

72 26.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

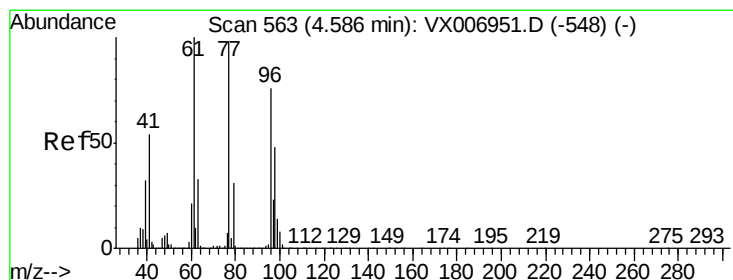
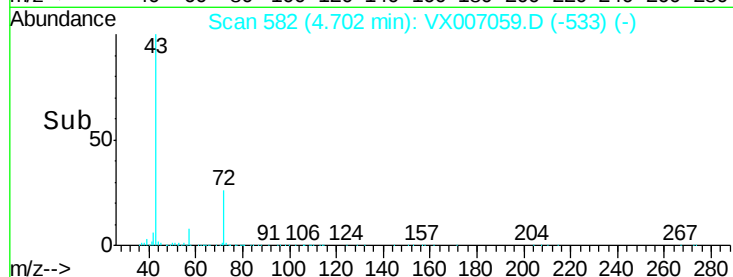
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 17.304 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007059.D

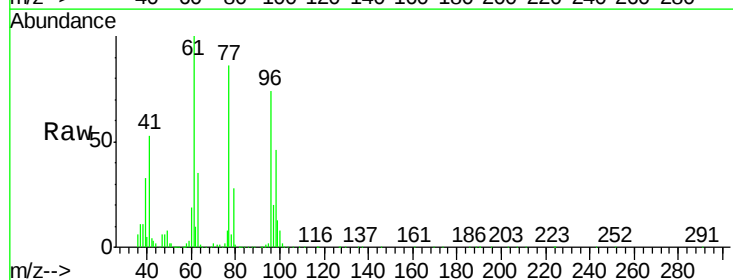
Acq: 15 Jan 2019 15:33

Tgt Ion: 77 Resp: 110818

Ion Ratio Lower Upper

77 100

97 26.1 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

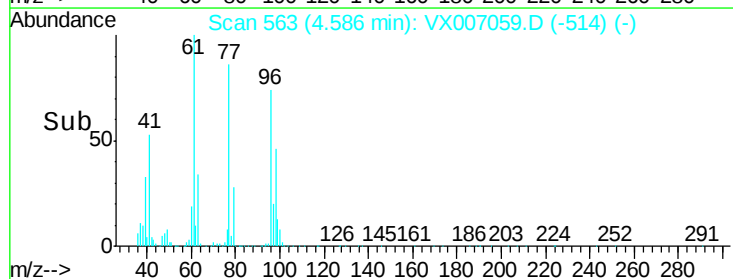
20000

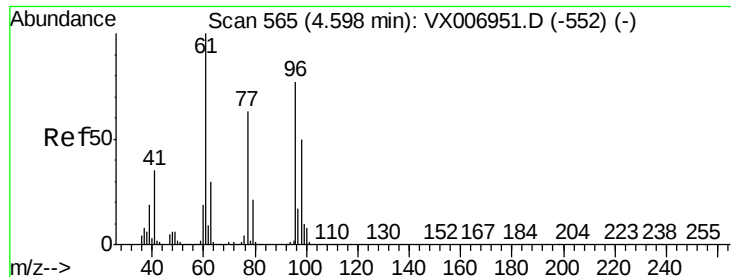
10000

0

4.50 4.60 4.70

Time-->



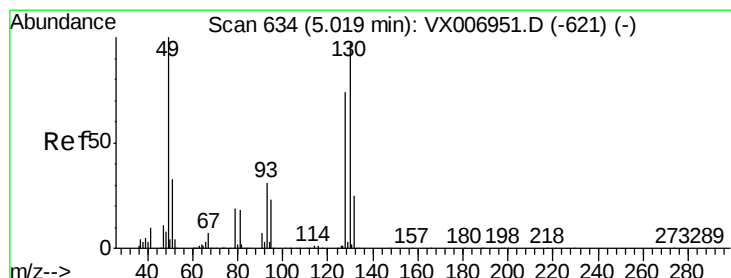
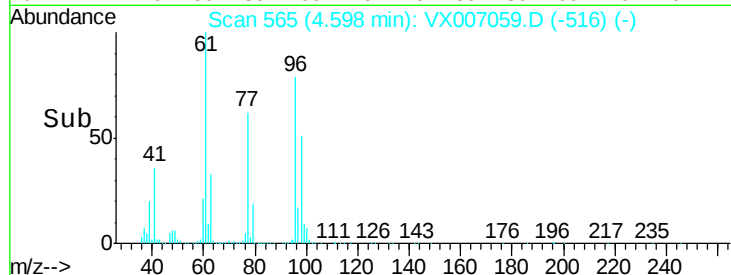
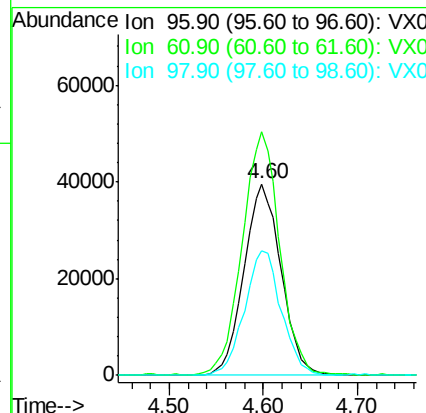
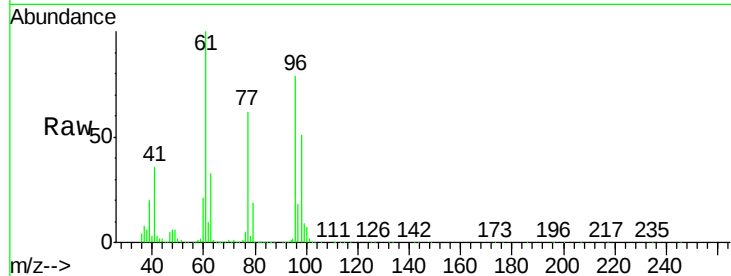


#27

cis-1,2-Dichloroethene
 Concen: 19.251 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007059.D
 Acq: 15 Jan 2019 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS02

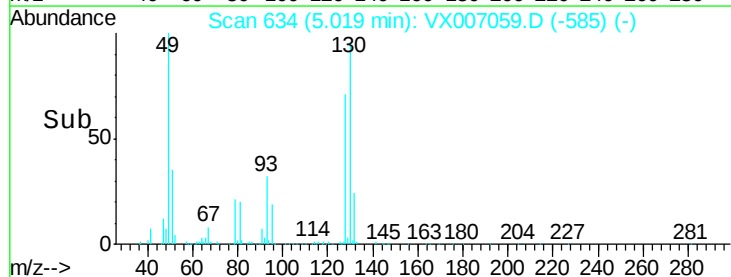
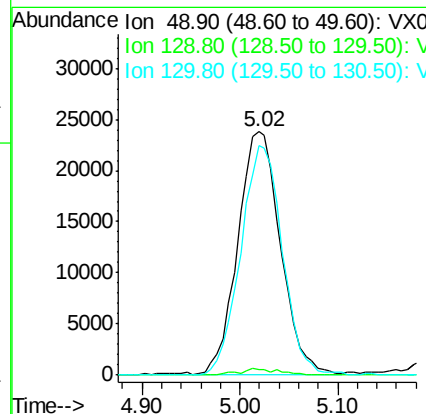
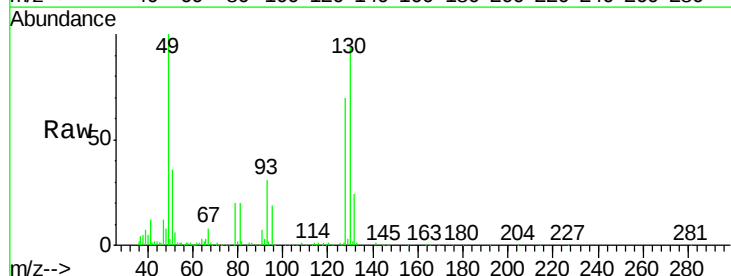
Tot Ion: 96 Resp: 109388
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 258.6
 98 64.2 0.0 132.0

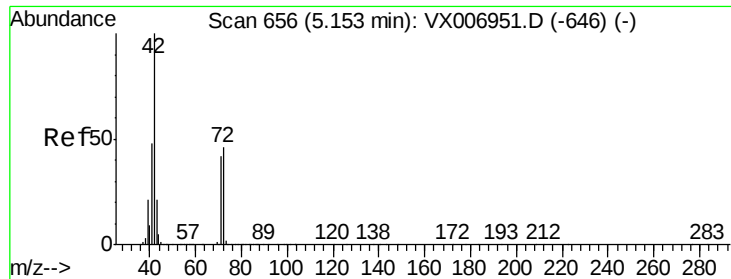


#28

Bromochloromethane
 Concen: 19.868 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007059.D
 Acq: 15 Jan 2019 15:33

Tgt Ion: 49 Resp: 72495
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 5.4
 130 91.9 77.7 116.5





#29

Tetrahydrofuran

Concen: 102.101 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

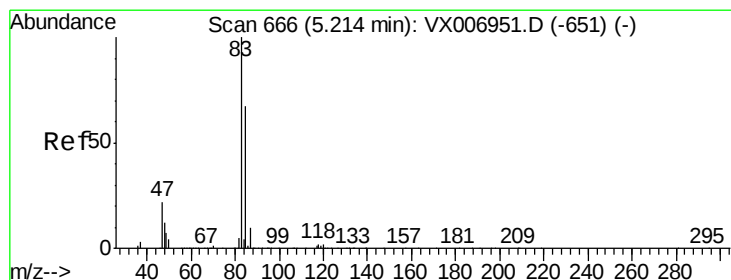
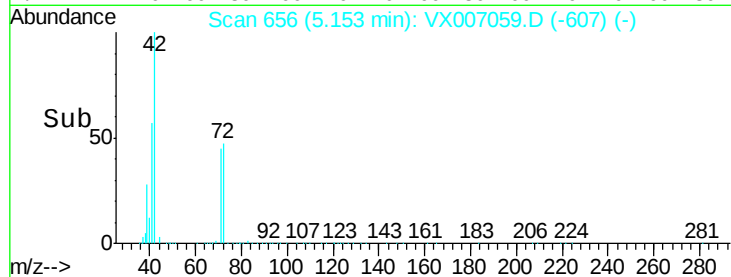
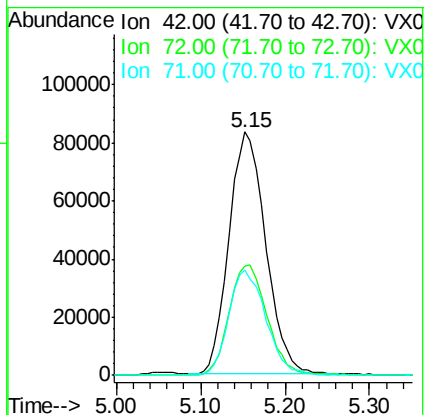
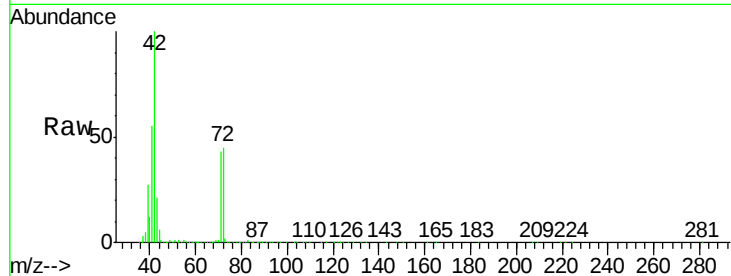
Tot Ion: 42 Resp: 246718

Ion Ratio Lower Upper

42 100

72 47.6 38.9 58.3

71 44.1 36.2 54.4



#30

Chloroform

Concen: 20.053 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007059.D

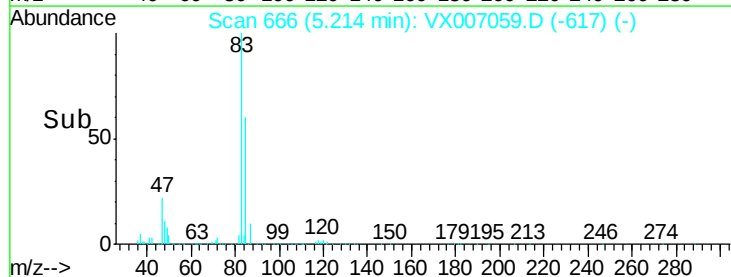
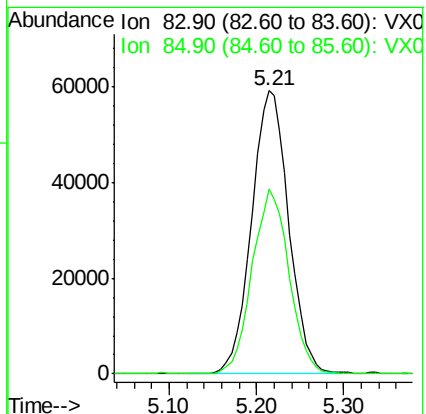
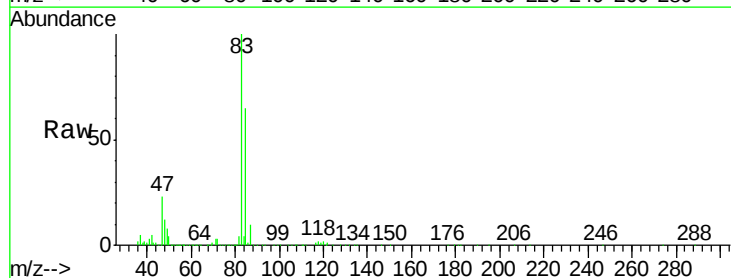
Acq: 15 Jan 2019 15:33

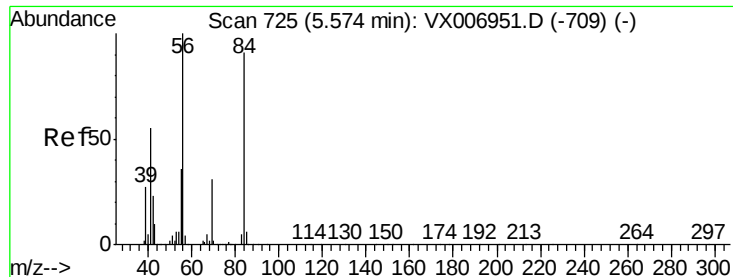
Tgt Ion: 83 Resp: 174854

Ion Ratio Lower Upper

83 100

85 65.2 51.2 76.8

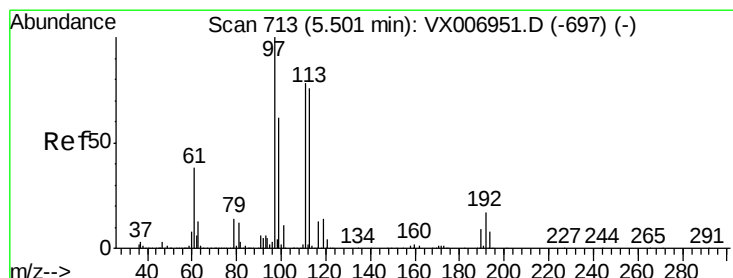
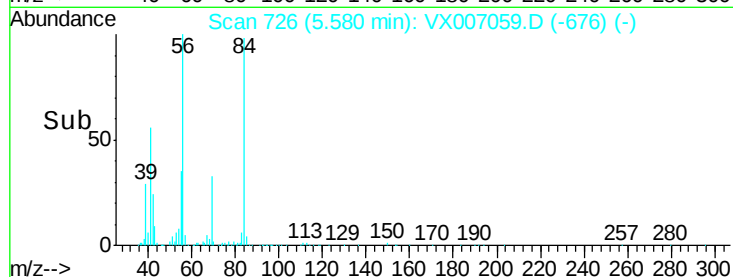
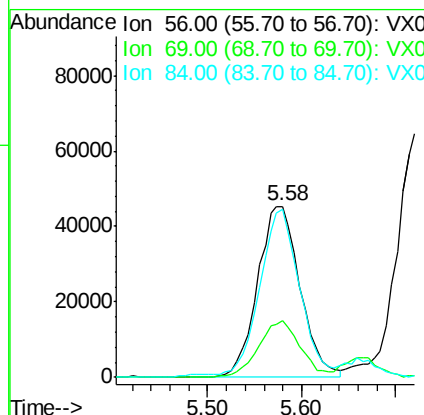
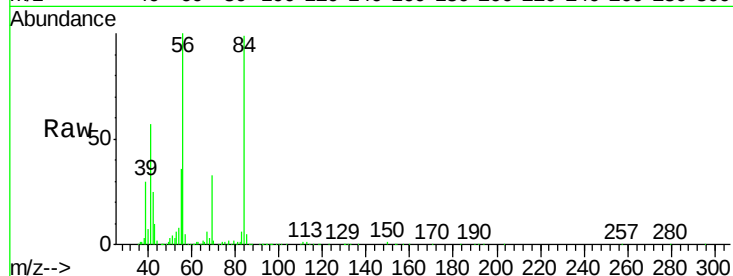




#31
Cyclohexane
Concen: 19.289 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

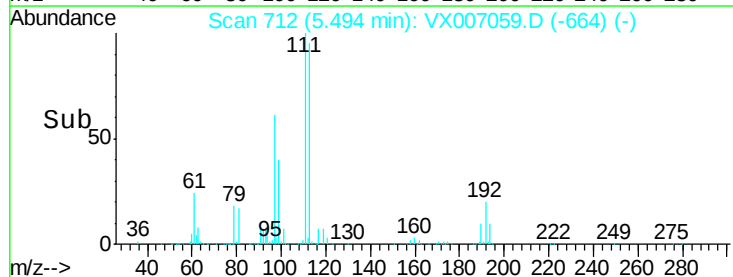
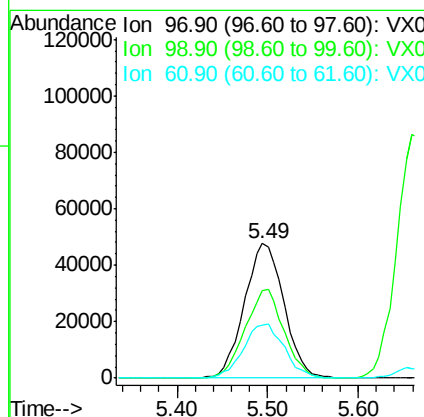
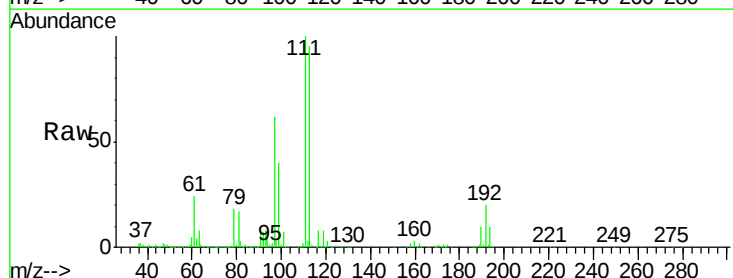
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS02

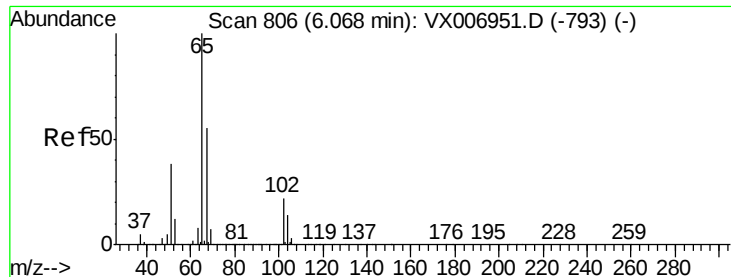
Tot Ion: 56 Resp: 142980
Ion Ratio Lower Upper
56 100
69 32.7 24.4 36.6
84 96.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.476 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

Tgt Ion: 97 Resp: 143947
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 41.7 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.777 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

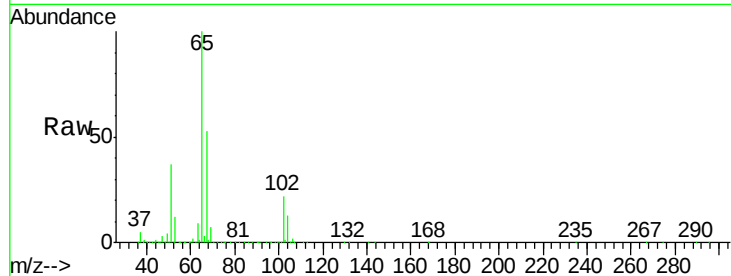
VX0115WBS02

Tot Ion: 65 Resp: 266907

Ion Ratio Lower Upper

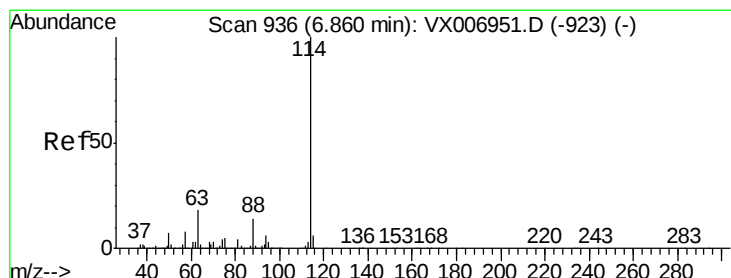
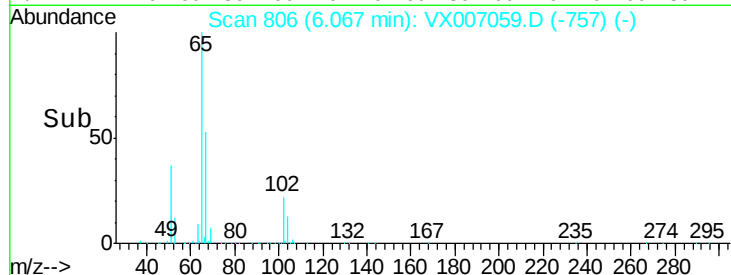
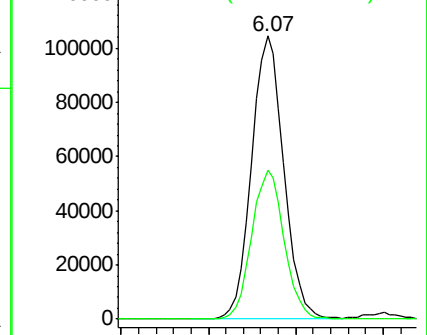
65 100

67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

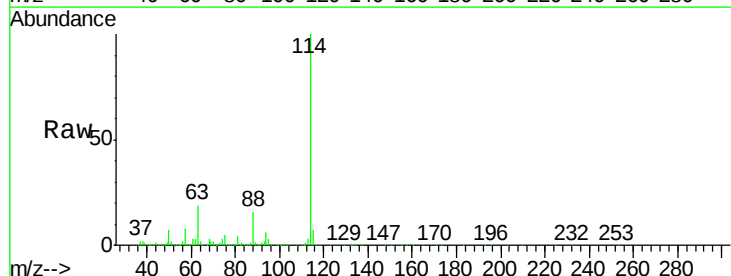
Tgt Ion: 114 Resp: 754639

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.8

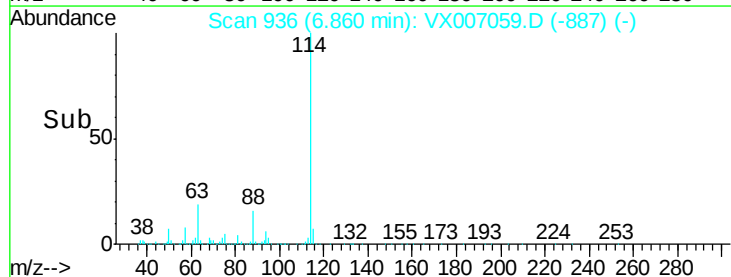
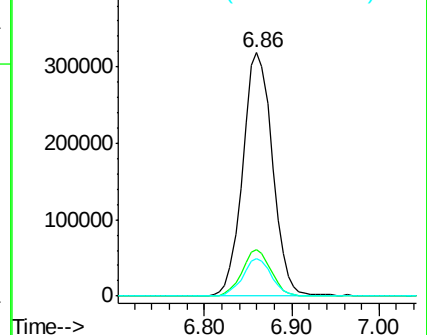
88 15.6 0.0 28.8

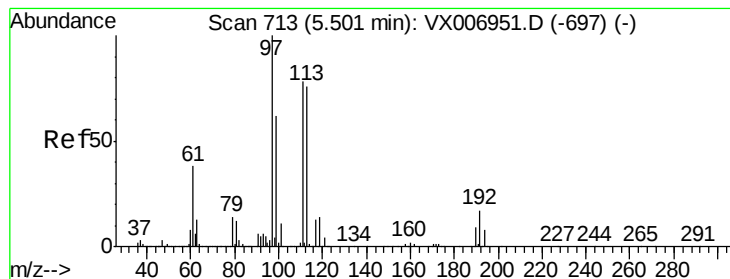


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.219 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

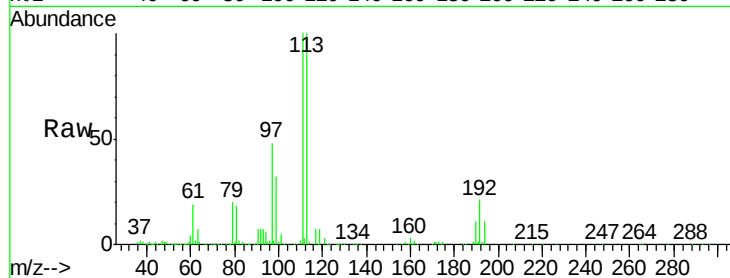
Tot Ion:113 Resp: 237858

Ion Ratio Lower Upper

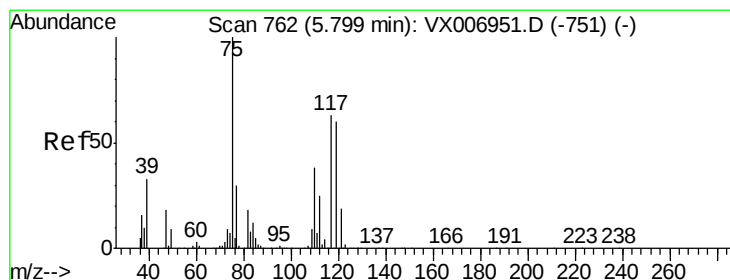
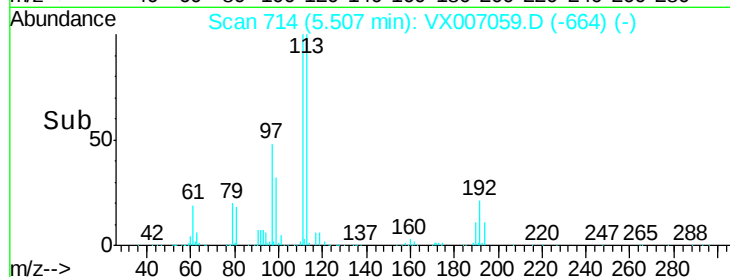
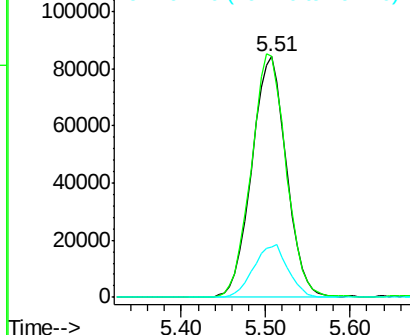
113 100

111 102.2 81.6 122.4

192 21.8 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: 19.003 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

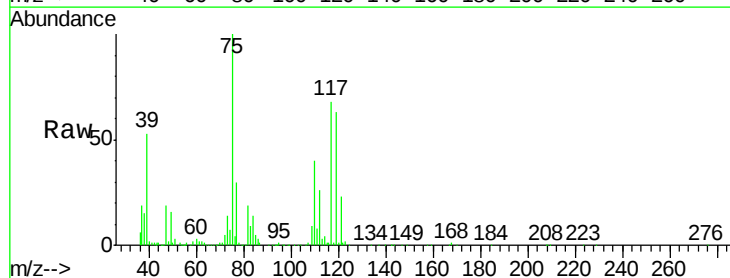
Tgt Ion: 75 Resp: 124678

Ion Ratio Lower Upper

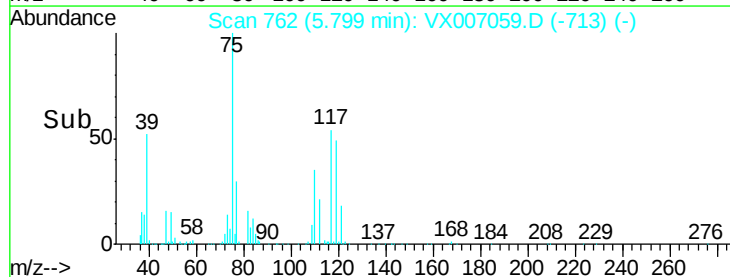
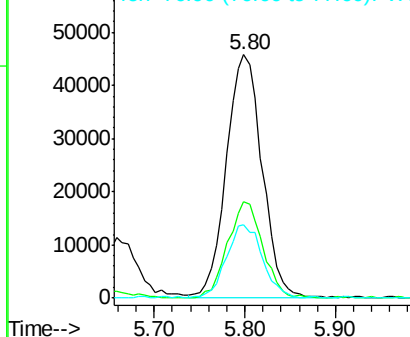
75 100

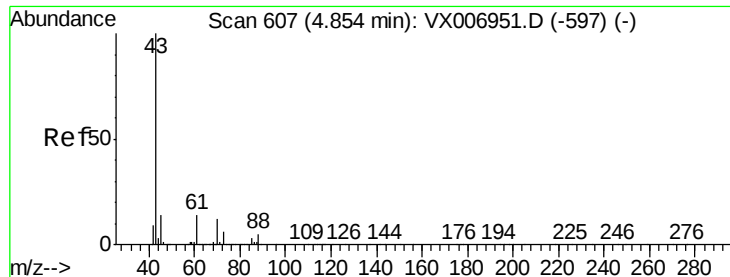
110 39.2 20.2 60.5

77 29.9 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

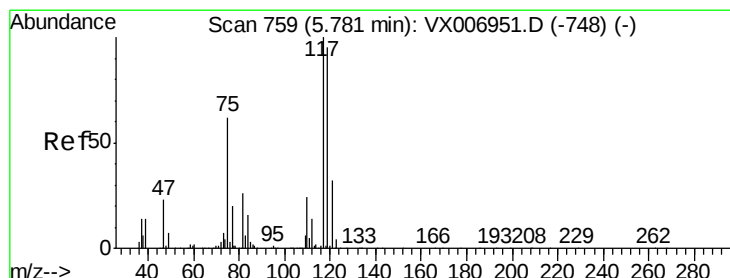
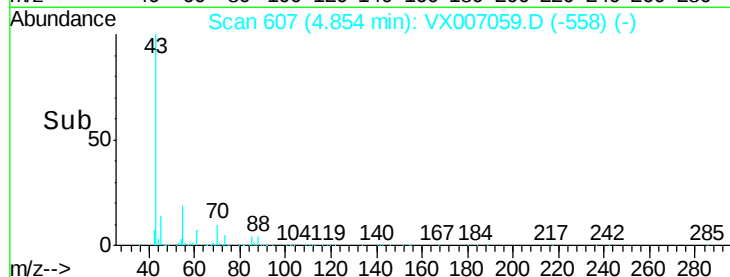
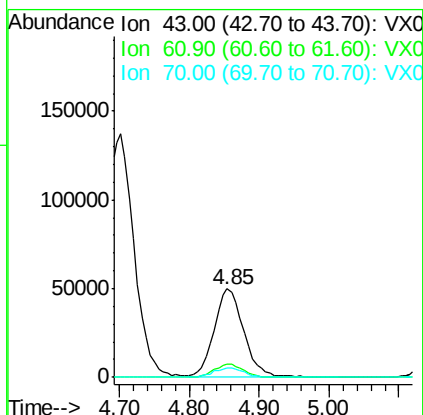
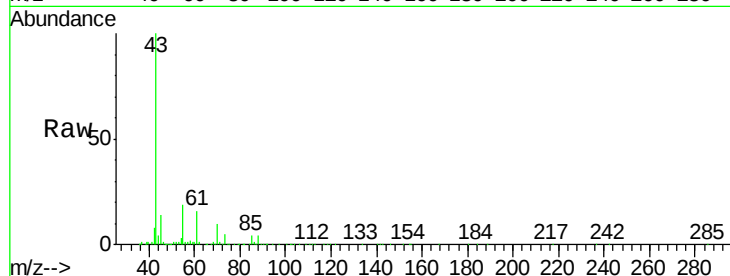




#37
Ethyl Acetate
Concen: 20.539 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

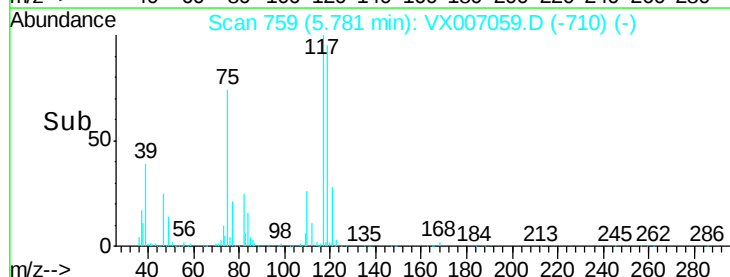
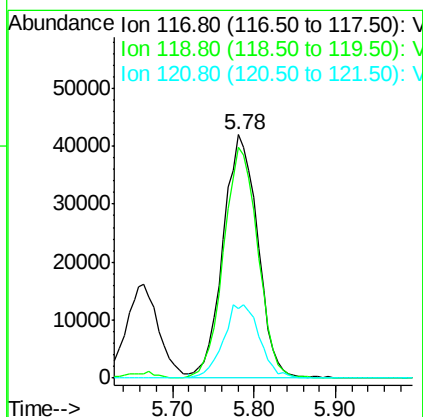
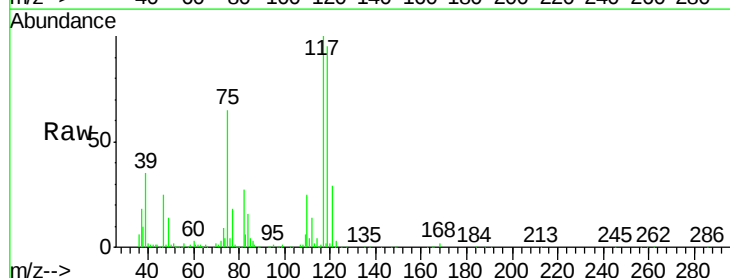
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS02

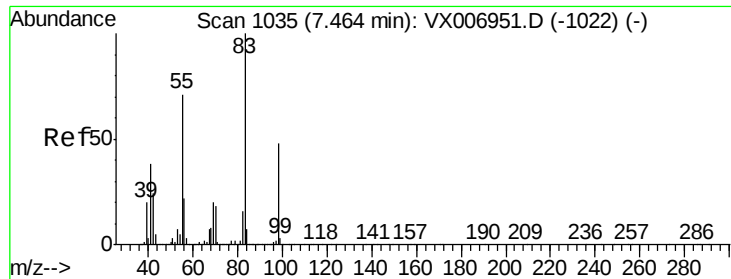
Tot Ion: 43 Resp: 144470
Ion Ratio Lower Upper
43 100
61 14.1 11.9 17.9
70 11.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.550 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

Tgt Ion: 117 Resp: 122452
Ion Ratio Lower Upper
117 100
119 95.3 79.4 119.2
121 28.7 24.0 36.0

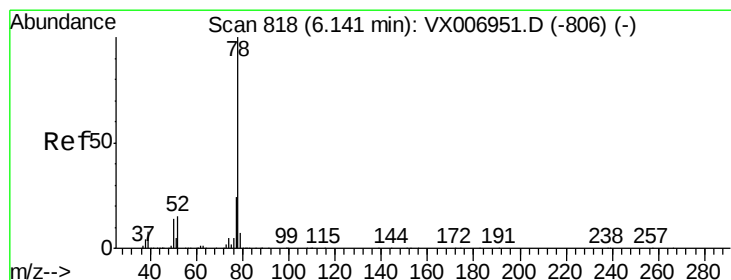
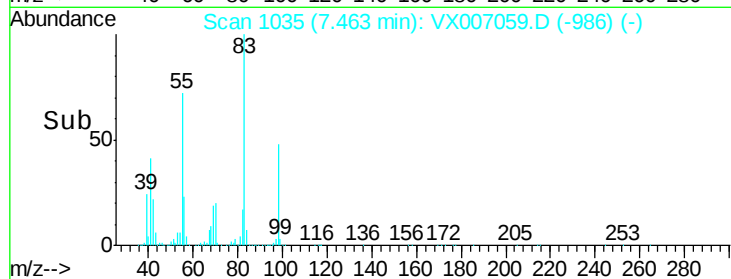
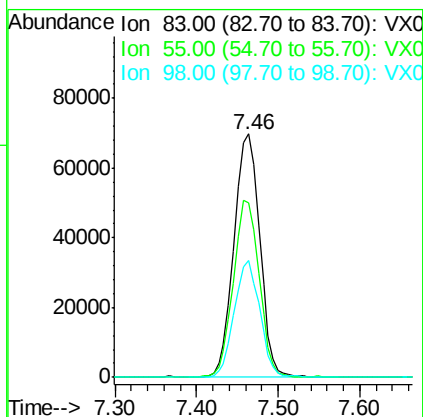
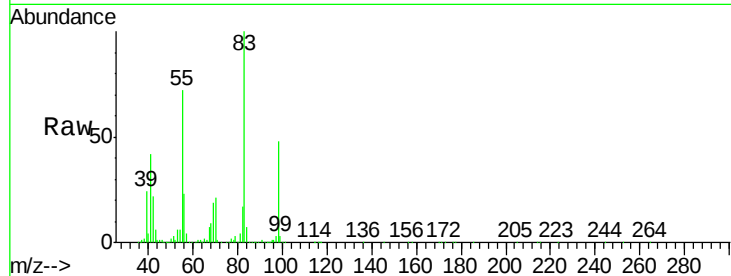




#39
Methvlcvclohexane
Concen: 18.292 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

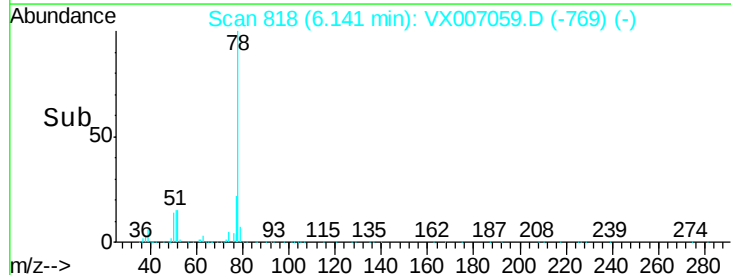
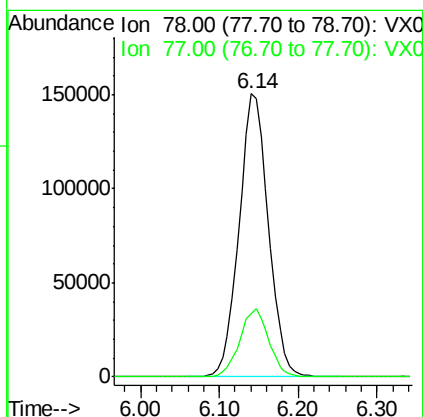
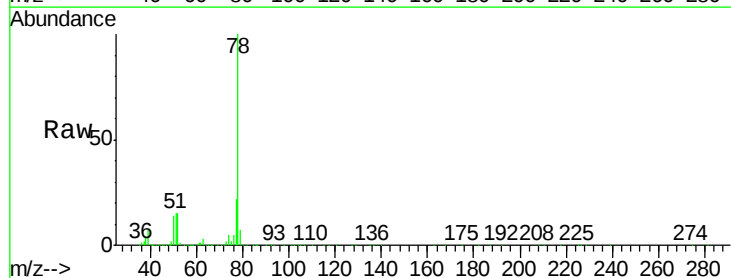
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS02

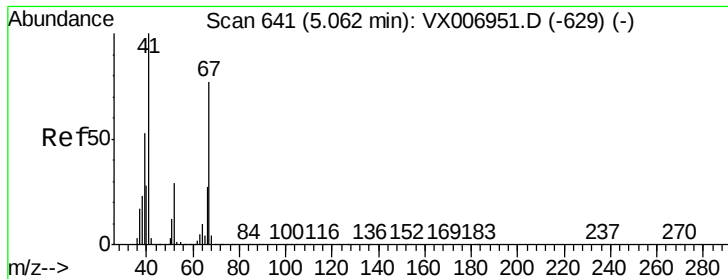
Tot Ion	83.00	Resp	152998
Ion Ratio	Lower	Upper	
83	100		
55	71.7	54.9	82.3
98	48.1	37.9	56.9



#40
Benzene
Concen: 19.484 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

Tgt Ion	78.00	Resp	390060
Ion Ratio	Lower	Upper	
78	100		
77	22.3	19.2	28.8





#41

Methacrylonitrile

Concen: 19.070 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

Tot Ion: 41 Resp: 77275

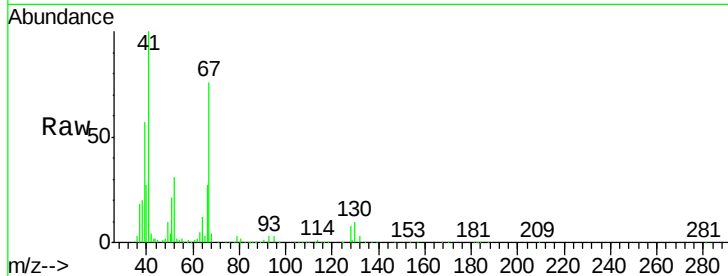
Ion Ratio Lower Upper

41 100

39 56.5 42.8 64.2

67 77.0 62.1 93.1

52 32.9 23.4 35.0

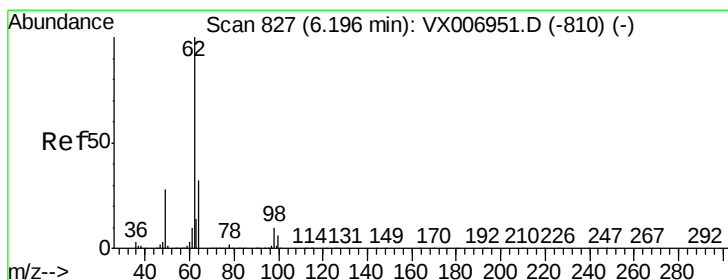
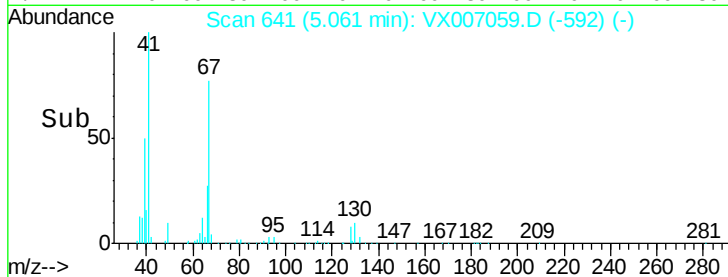
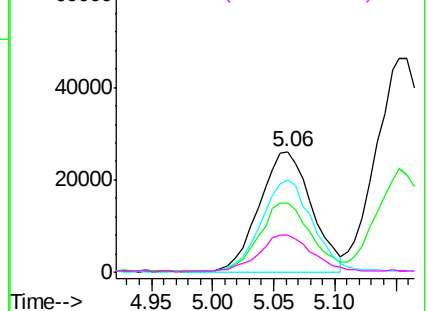


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.895 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007059.D

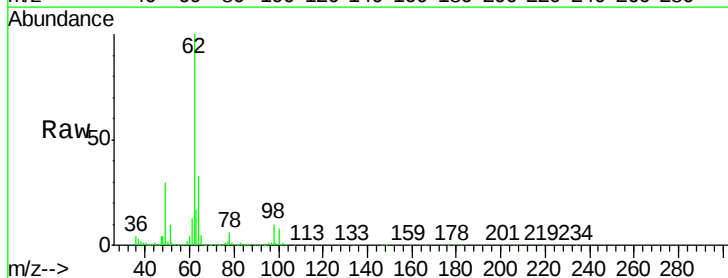
Acq: 15 Jan 2019 15:33

Tgt Ion: 62 Resp: 130717

Ion Ratio Lower Upper

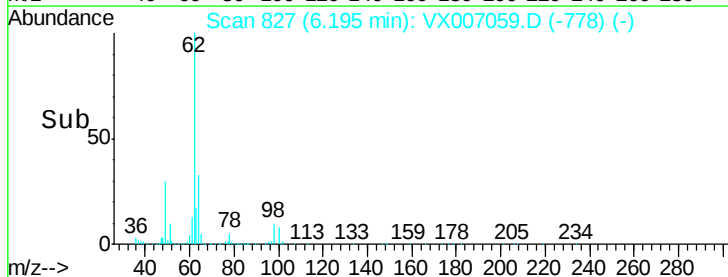
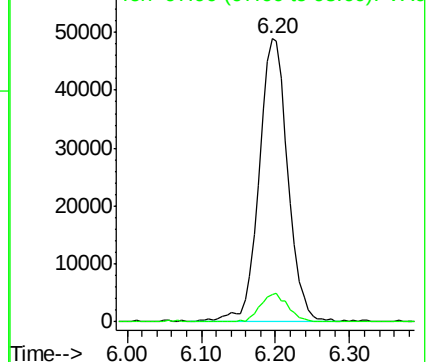
62 100

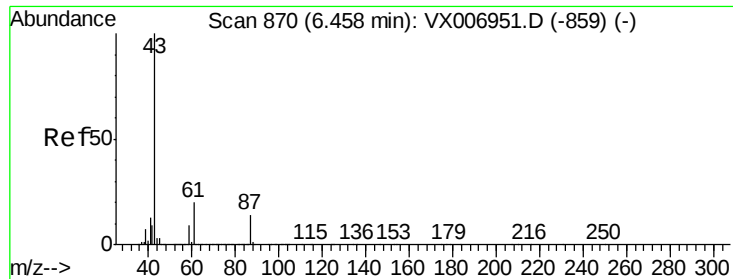
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



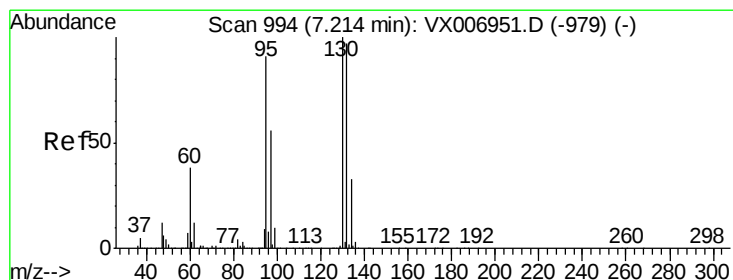
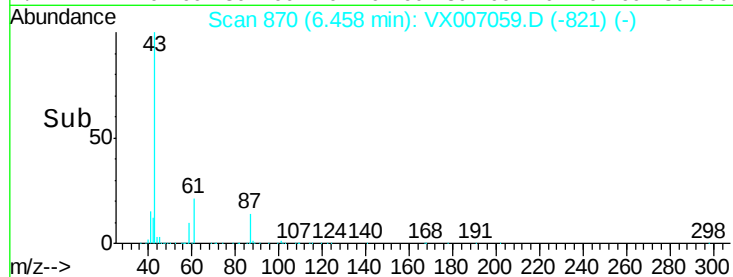
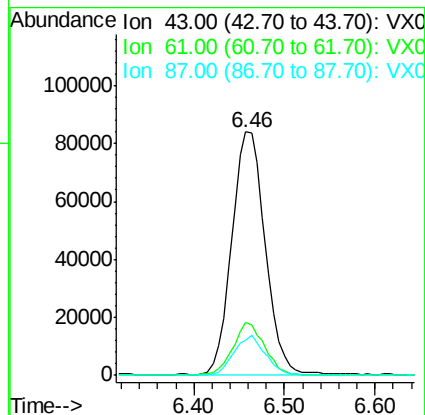
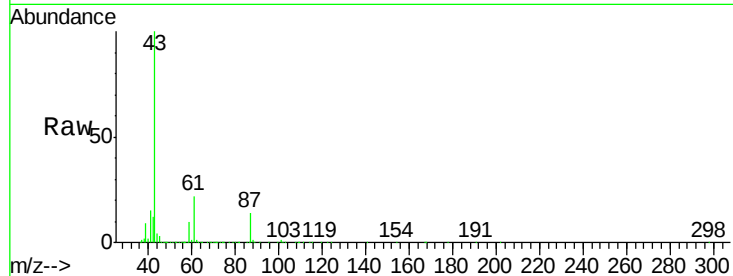


#43

Isopropyl Acetate
 Concen: 19.268 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007059.D
 Acq: 15 Jan 2019 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS02

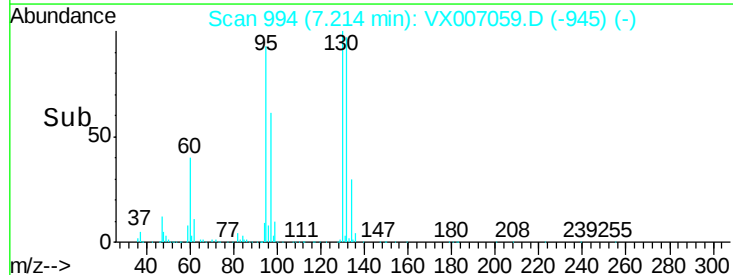
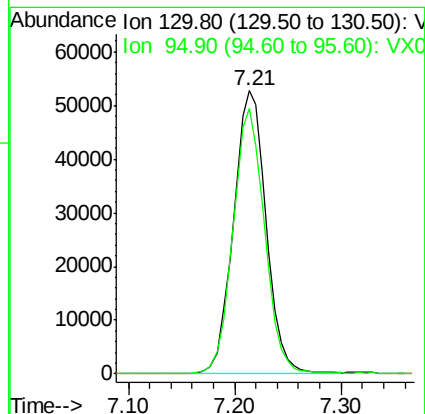
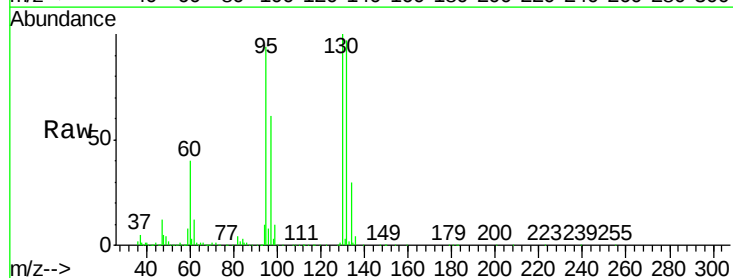
Tot Ion: 43 Resp: 213783
 Ion Ratio Lower Upper
 43 100
 61 20.5 16.8 25.2
 87 15.6 12.4 18.6

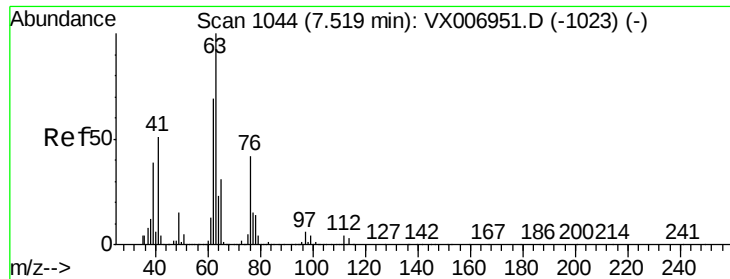


#44

Trichloroethene
 Concen: 18.902 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007059.D
 Acq: 15 Jan 2019 15:33

Tgt Ion: 130 Resp: 113397
 Ion Ratio Lower Upper
 130 100
 95 93.6 0.0 187.0





#45

1,2-Dichloropropane

Concen: 19.074 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

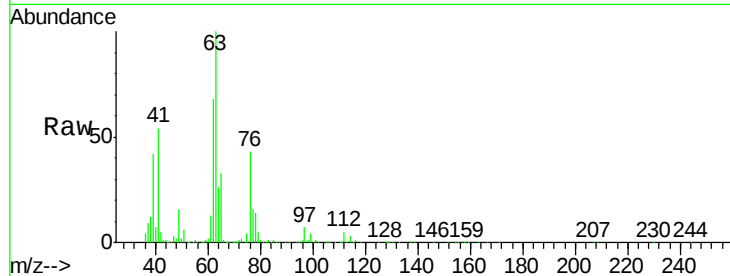
VX0115WBS02

Tot Ion: 63 Resp: 95999

Ion Ratio Lower Upper

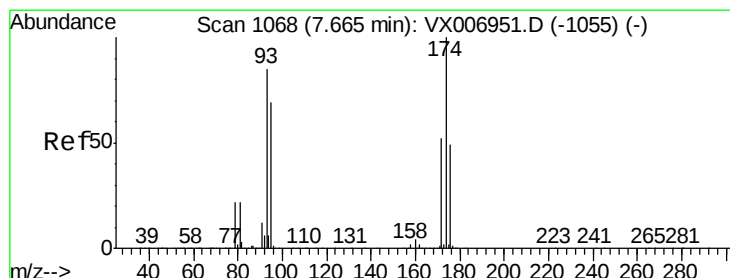
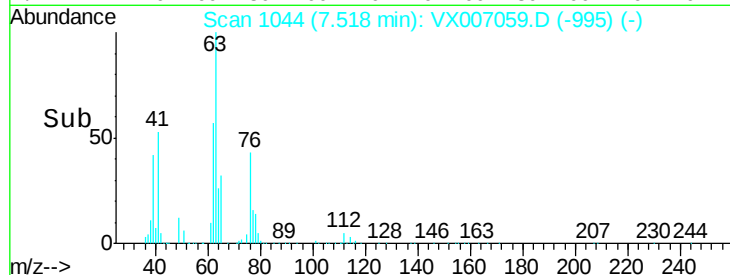
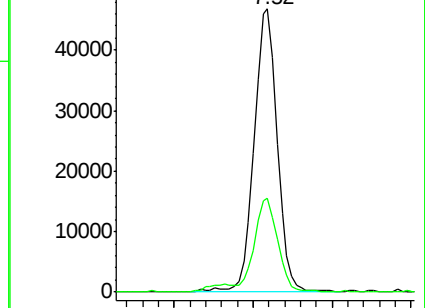
63 100

65 33.0 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: 19.094 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

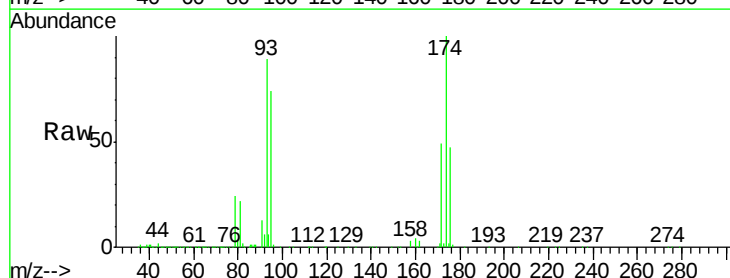
Tgt Ion: 93 Resp: 67540

Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.4

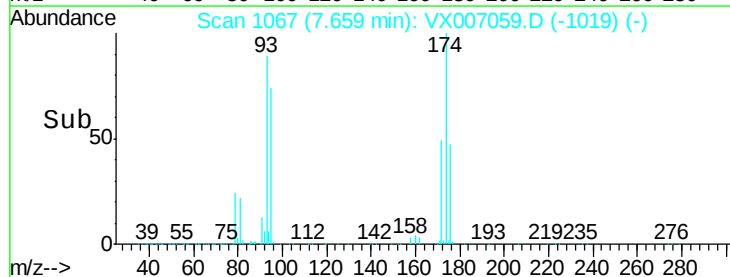
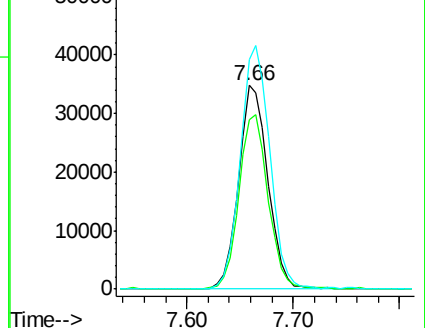
174 119.9 91.0 136.4

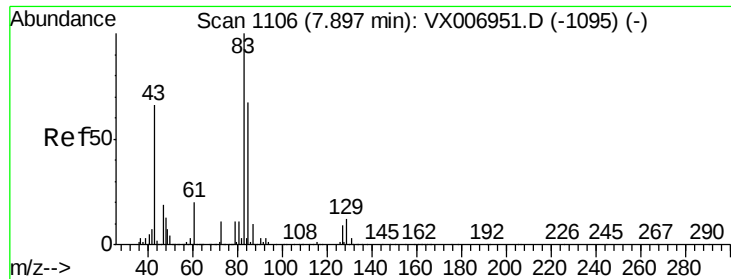


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.044 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

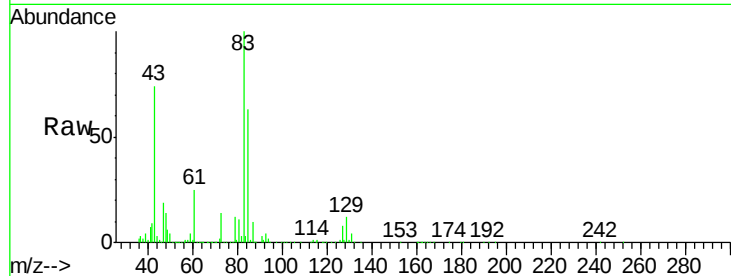
Tot Ion: 83 Resp: 114659

Ion Ratio Lower Upper

83 100

85 63.3 53.2 79.8

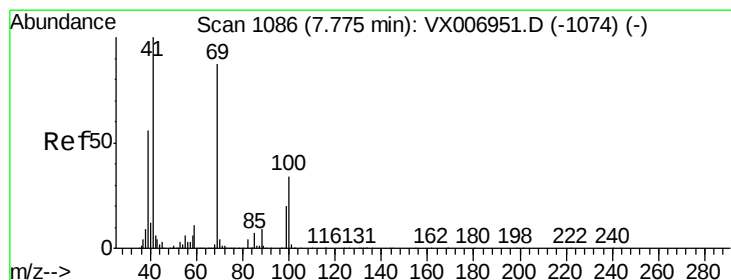
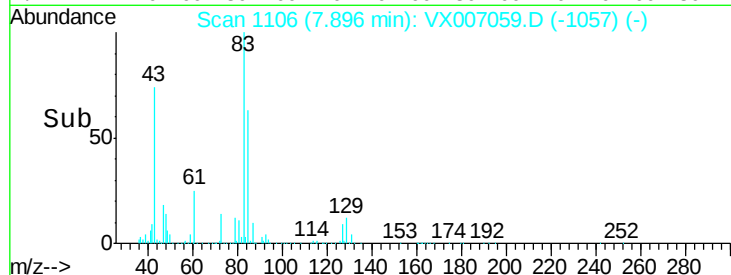
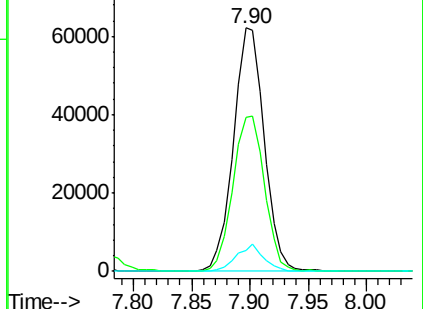
127 8.5 7.8 11.6



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: 19.887 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

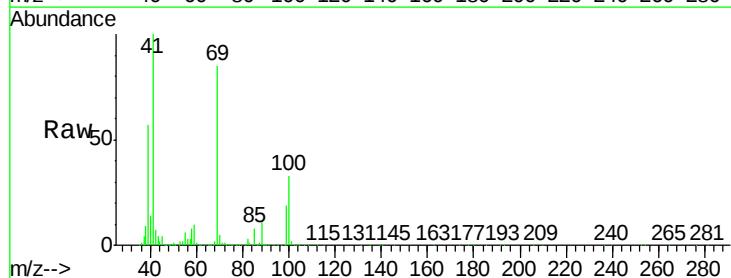
Tgt Ion: 41 Resp: 113312

Ion Ratio Lower Upper

41 100

69 87.5 72.4 108.6

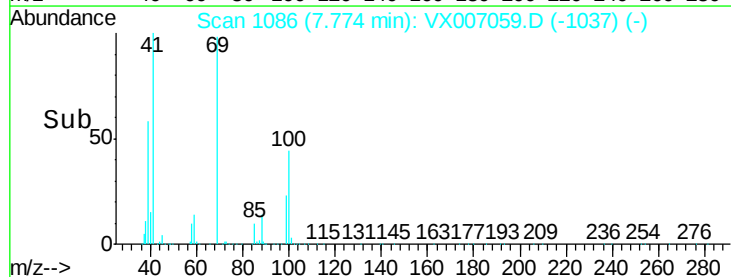
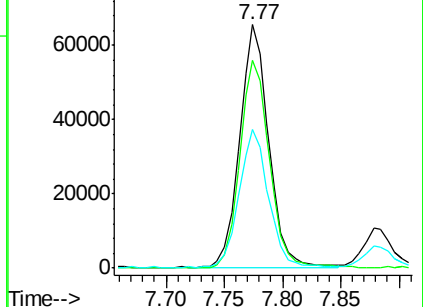
39 58.0 45.8 68.8

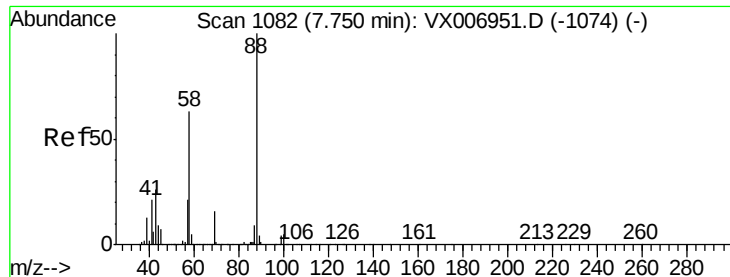


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 411.274 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

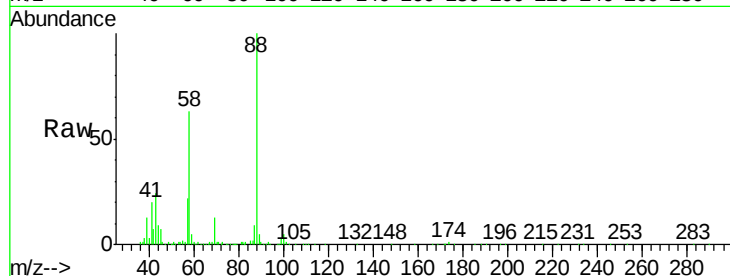
Tot Ion: 88 Resp: 54172

Ion Ratio Lower Upper

88 100

43 30.3 22.2 33.4

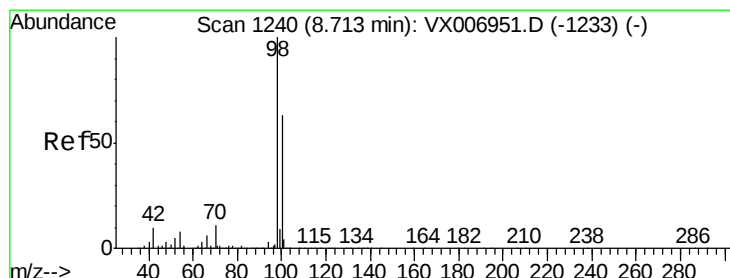
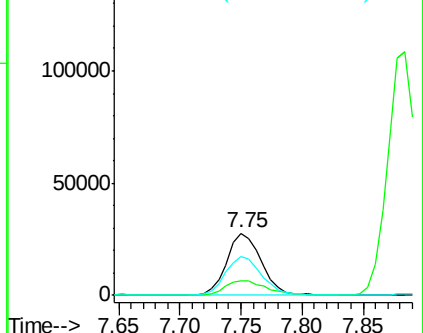
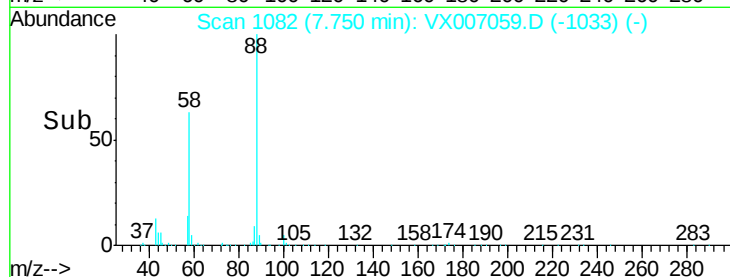
58 65.1 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.150 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007059.D

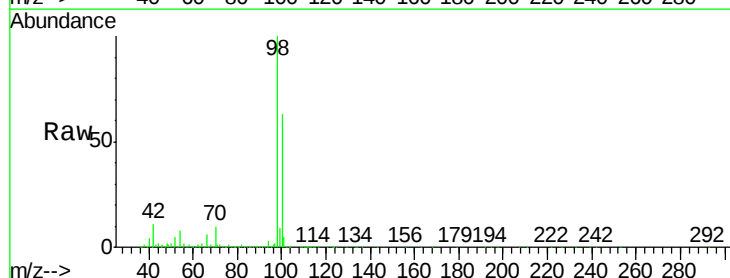
Acq: 15 Jan 2019 15:33

Tgt Ion: 98 Resp: 887114

Ion Ratio Lower Upper

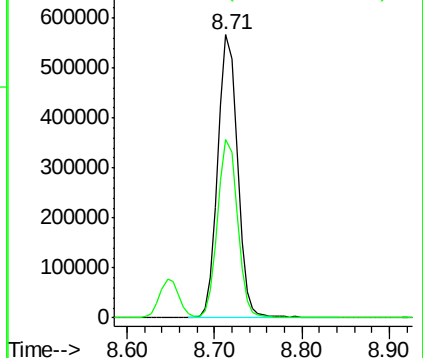
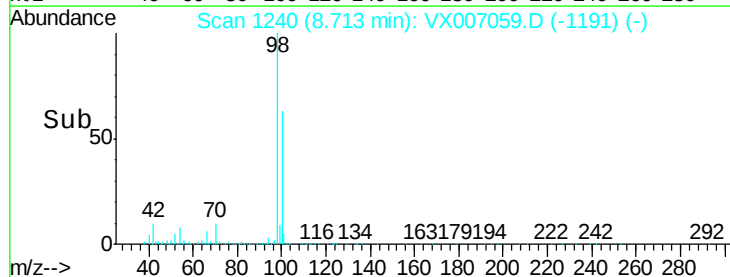
98 100

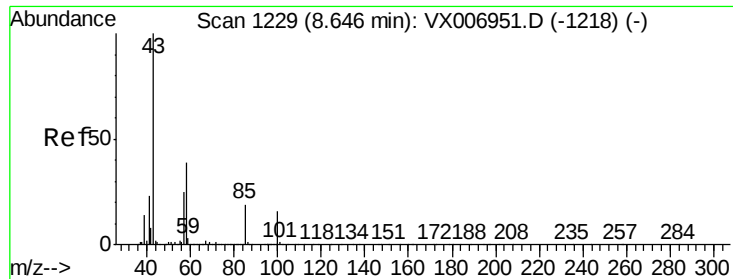
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 105.036 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

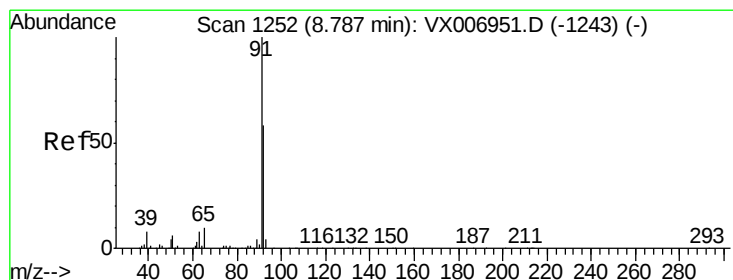
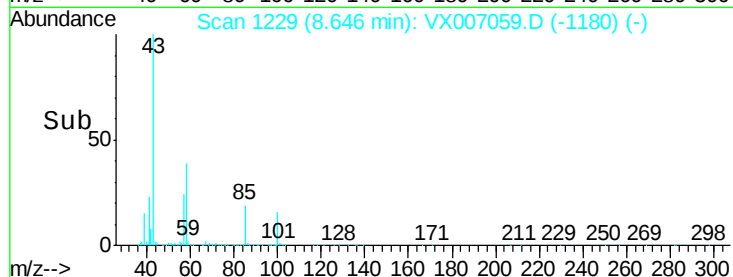
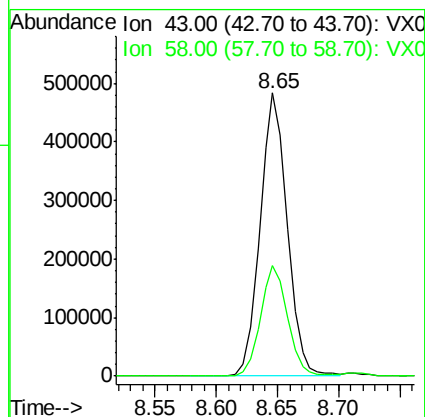
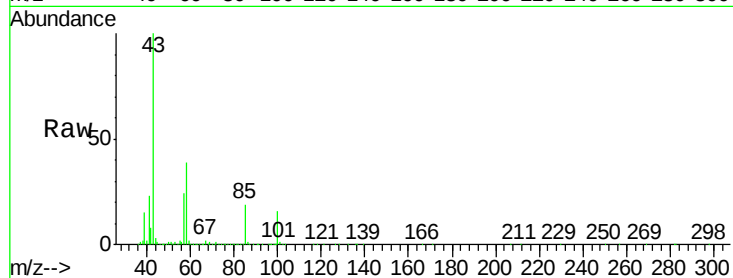
VX0115WBS02

Tot Ion: 43 Resp: 748945

Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.6



#52

Toluene

Concen: 19.311 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007059.D

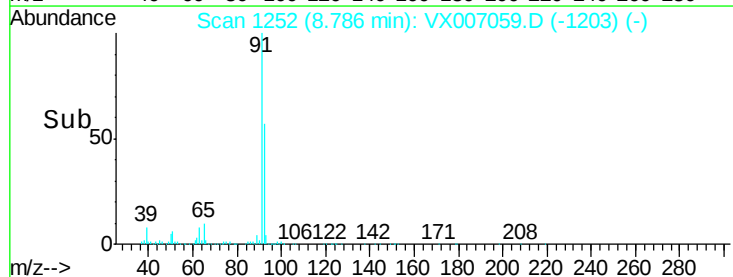
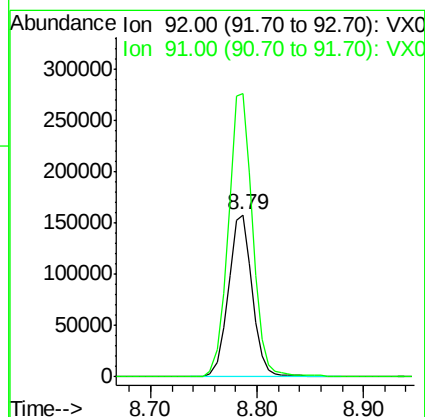
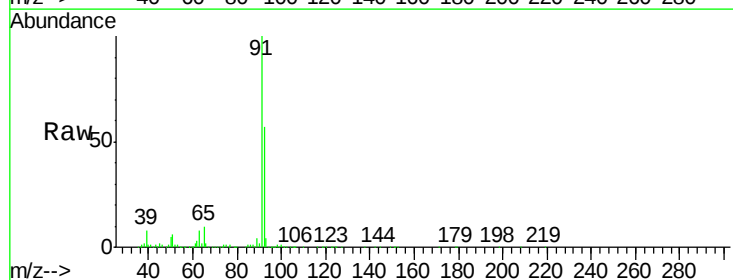
Acq: 15 Jan 2019 15:33

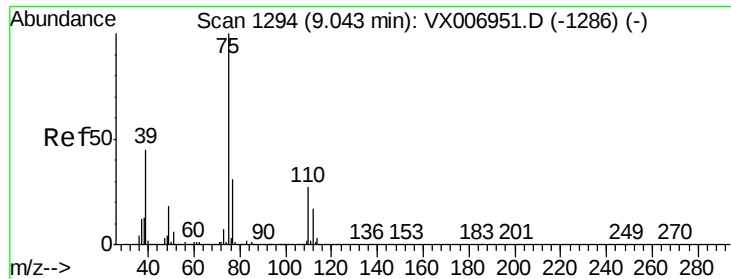
Tgt Ion: 92 Resp: 248475

Ion Ratio Lower Upper

92 100

91 177.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.164 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

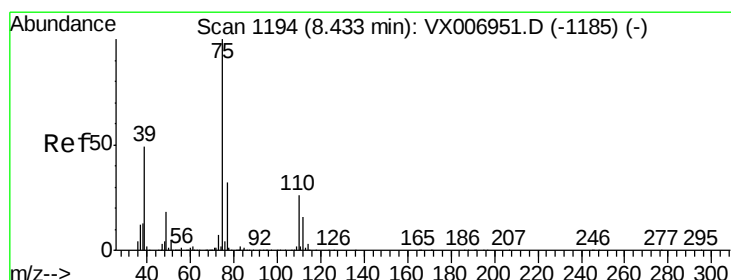
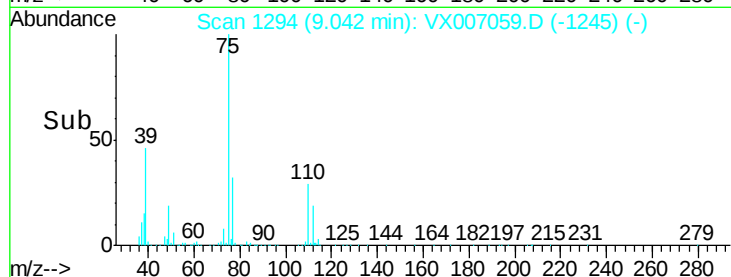
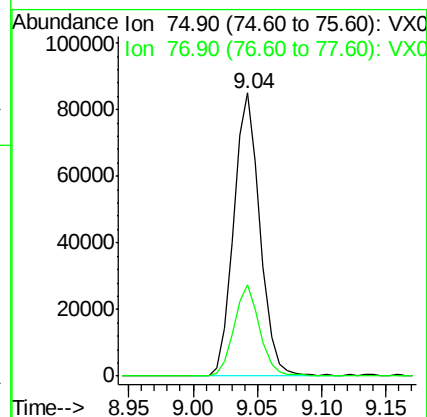
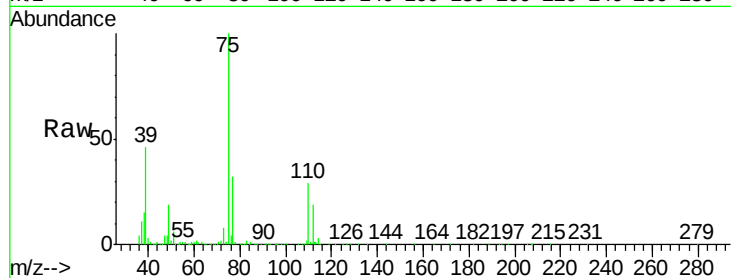
VX0115WBS02

Tot Ion: 75 Resp: 121266

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.691 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

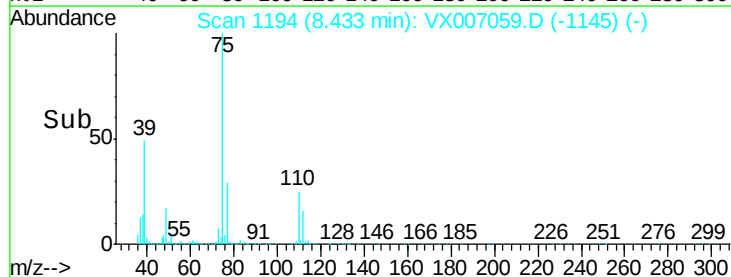
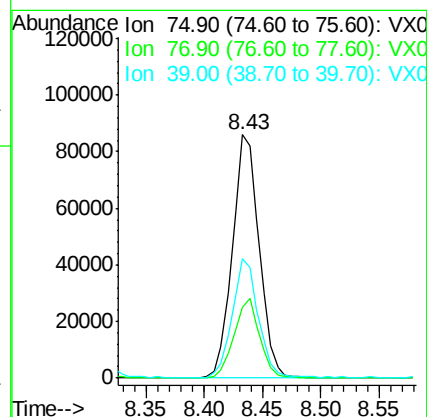
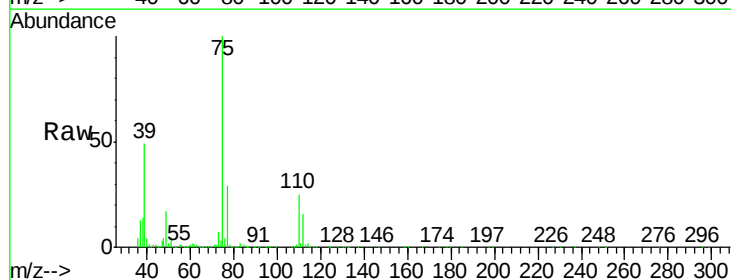
Tgt Ion: 75 Resp: 137808

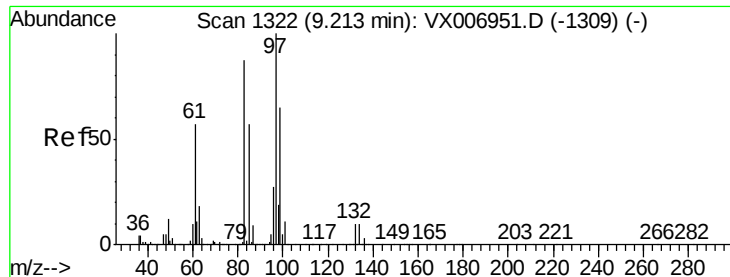
Ion Ratio Lower Upper

75 100

77 29.0 26.2 39.2

39 48.9 36.7 55.1

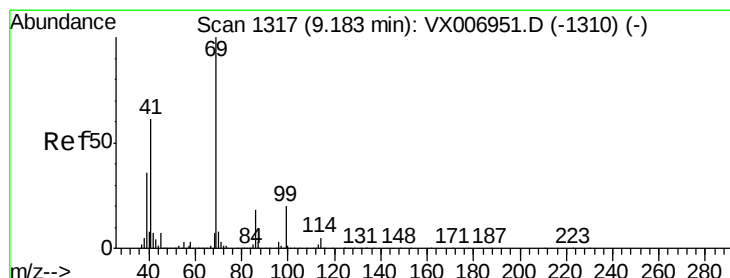
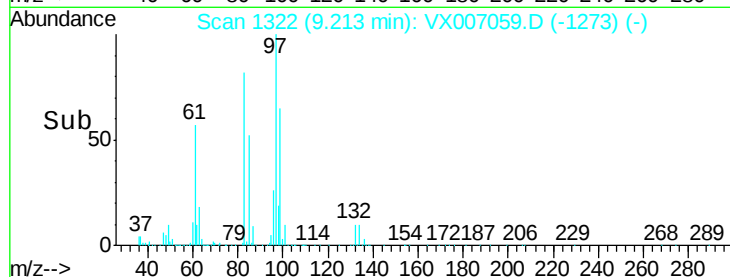
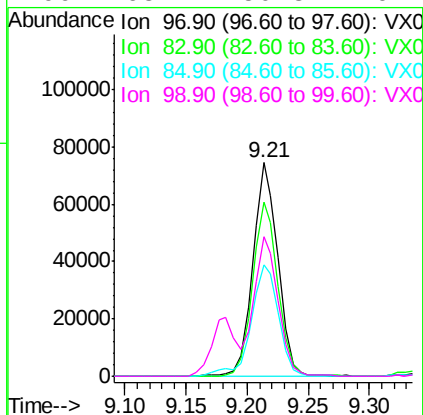
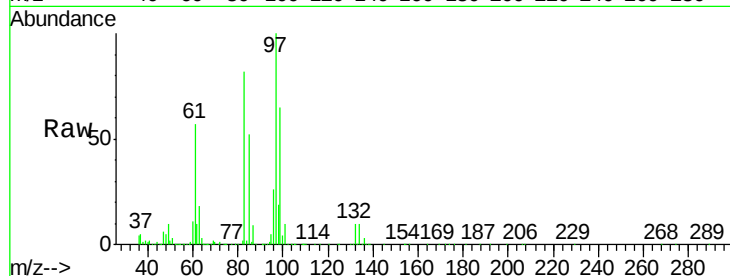




#55
 1,1,2-Trichloroethane
 Concen: 20.670 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007059.D
 Acq: 15 Jan 2019 15:33

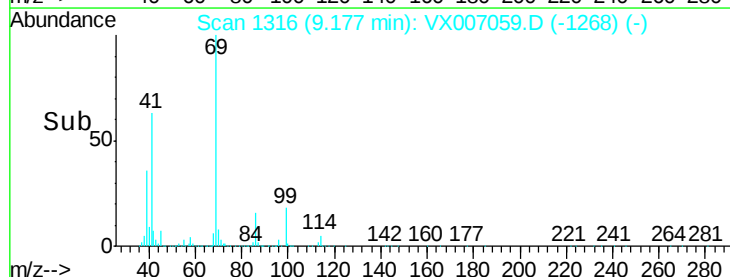
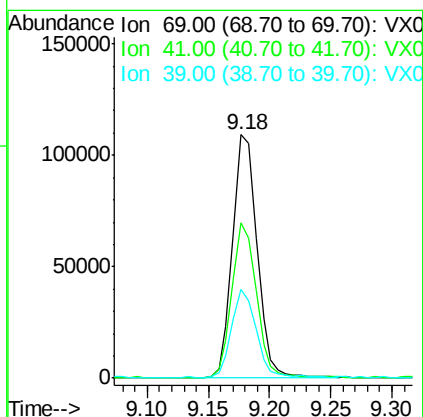
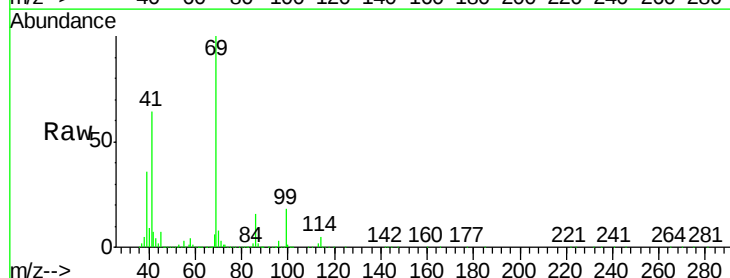
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS02

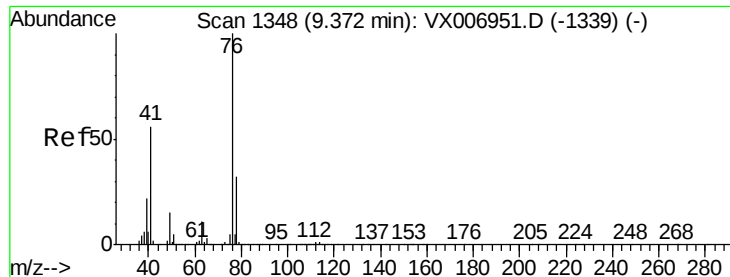
Tot Ion:	97	Resp:	106454
Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.6	99.8
85	51.7	42.7	64.1
99	65.1	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 20.352 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007059.D
 Acq: 15 Jan 2019 15:33

Tgt Ion:	69	Resp:	153018
Ion	Ratio	Lower	Upper
69	100		
41	63.3	48.7	73.1
39	36.4	27.0	40.6





#57

1,3-Dichloropropane

Concen: 19.761 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

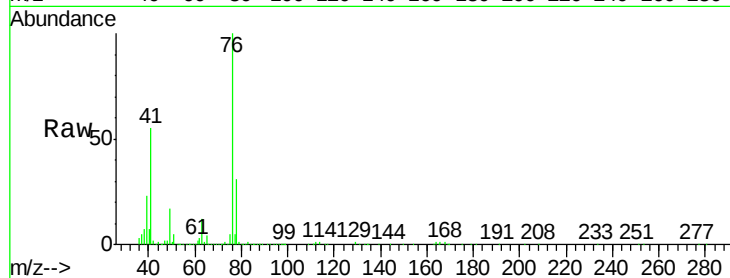
VX0115WBS02

Tot Ion: 76 Resp: 166731

Ion Ratio Lower Upper

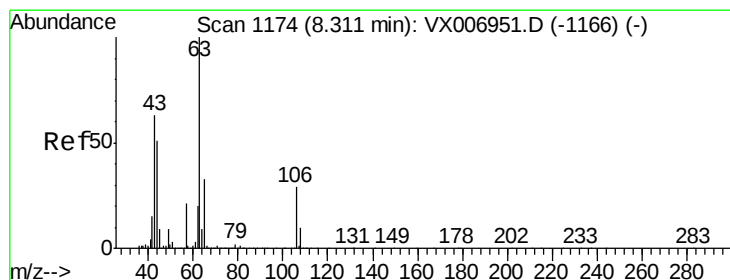
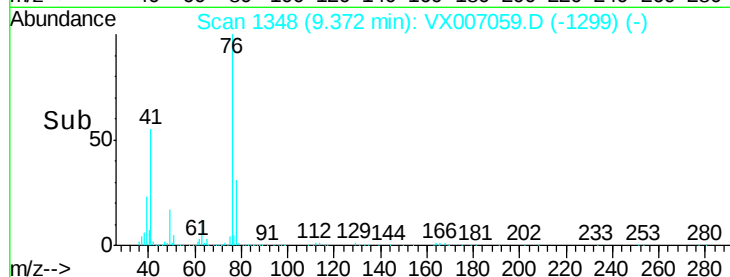
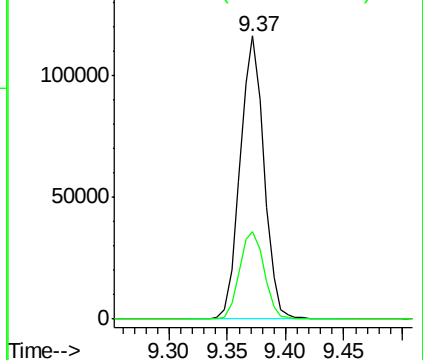
76 100

78 31.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.401 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007059.D

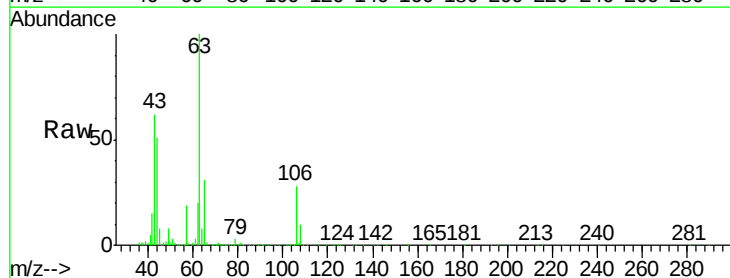
Acq: 15 Jan 2019 15:33

Tgt Ion: 63 Resp: 403592

Ion Ratio Lower Upper

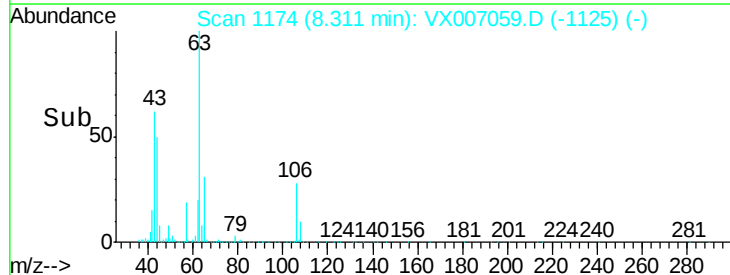
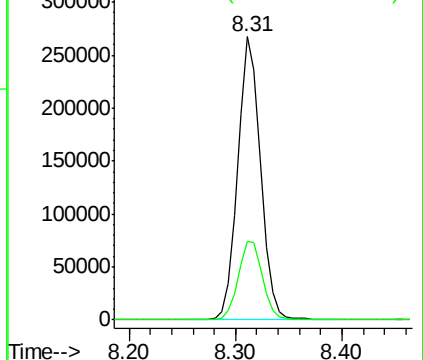
63 100

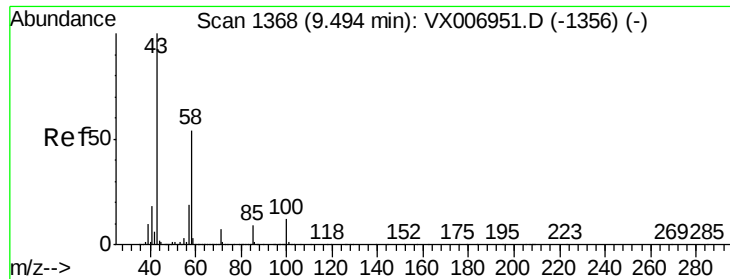
106 29.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

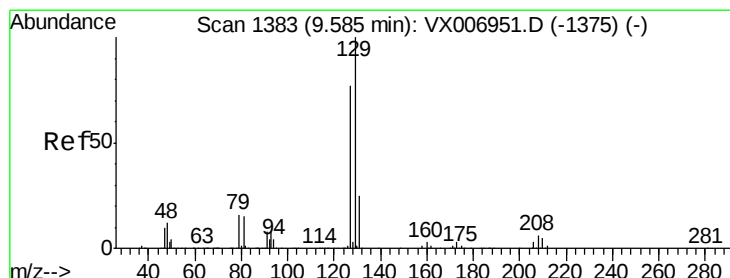
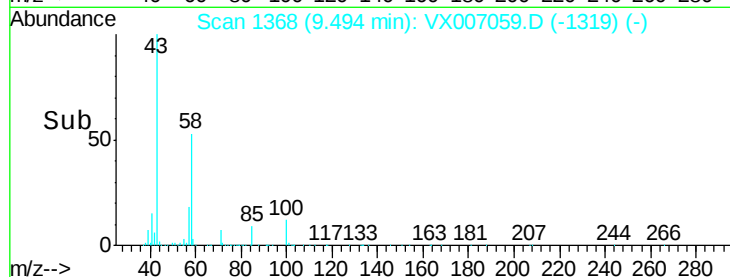
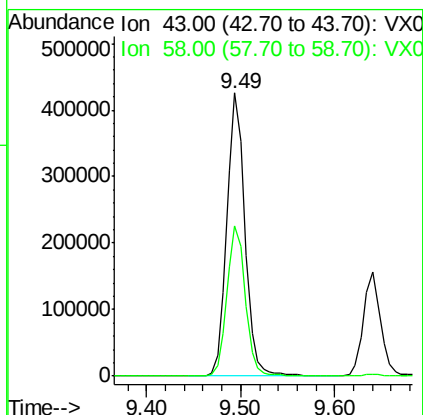
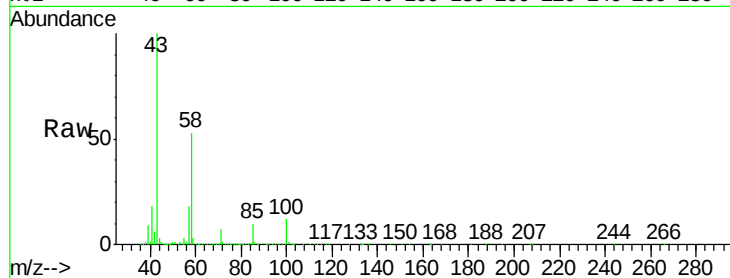




#59
2-Hexanone
Concen: 104.468 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

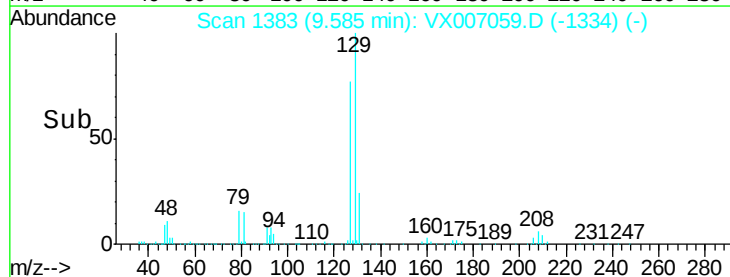
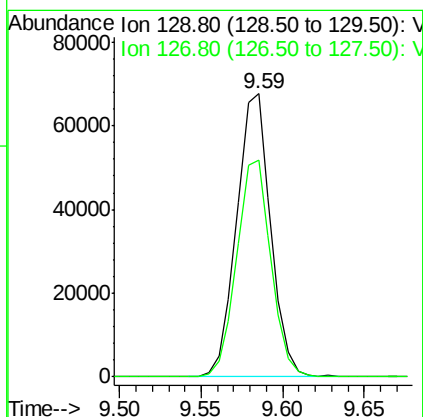
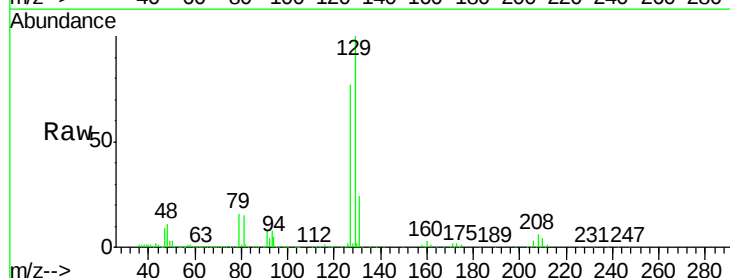
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS02

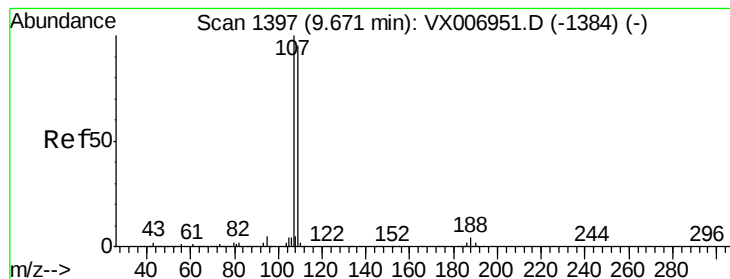
Tot Ion: 43 Resp: 567656
Ion Ratio Lower Upper
43 100
58 54.2 27.7 83.1



#60
Dibromochloromethane
Concen: 19.673 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

Tgt Ion: 129 Resp: 98388
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.870 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

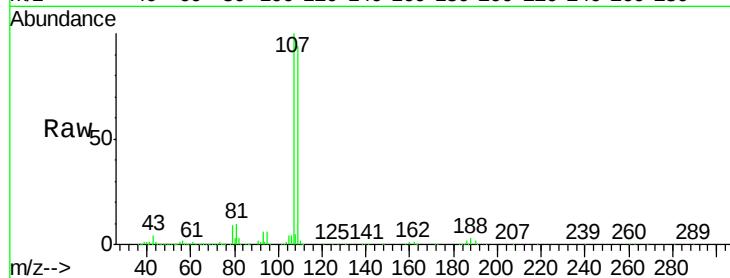
VX0115WBS02

Tot Ion:107 Resp: 112660

Ion Ratio Lower Upper

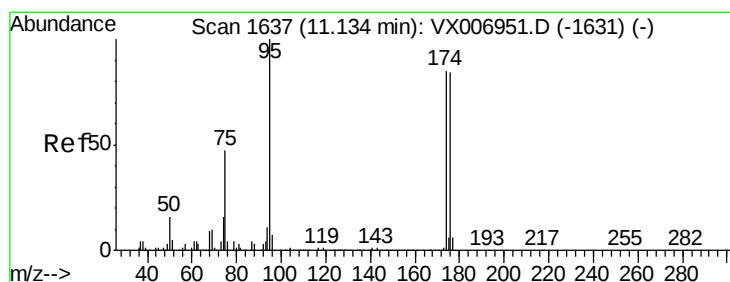
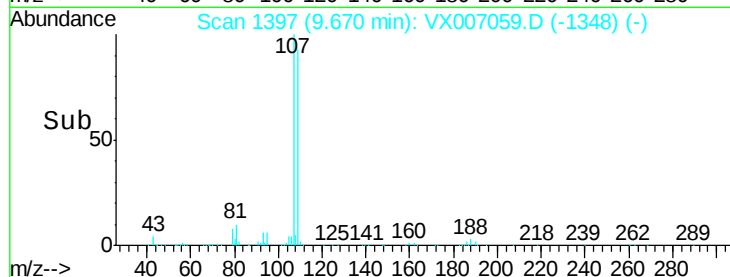
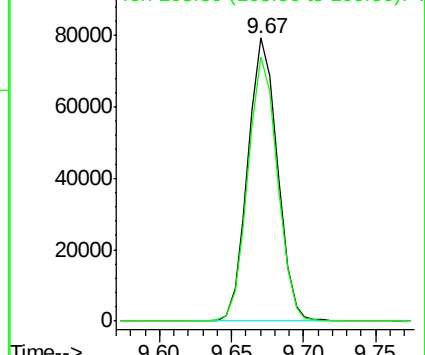
107 100

109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.980 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

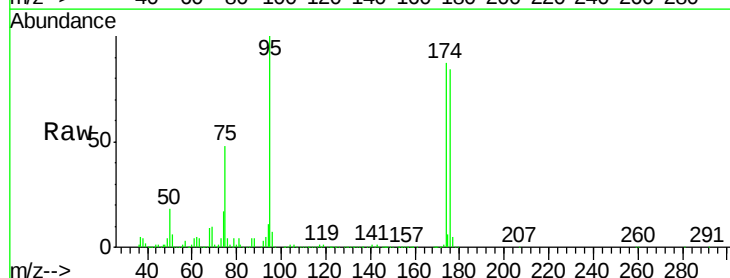
Tgt Ion: 95 Resp: 314387

Ion Ratio Lower Upper

95 100

174 93.4 0.0 182.2

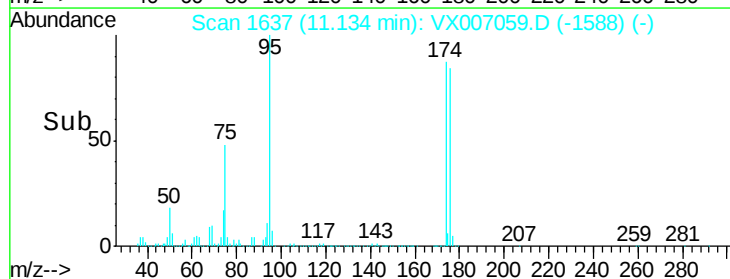
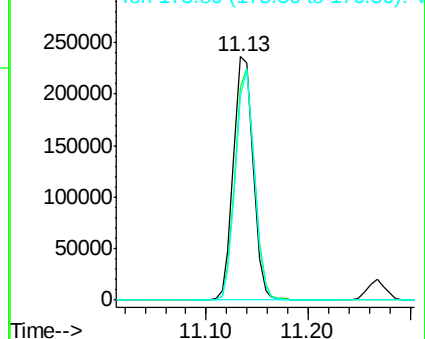
176 90.4 0.0 178.8

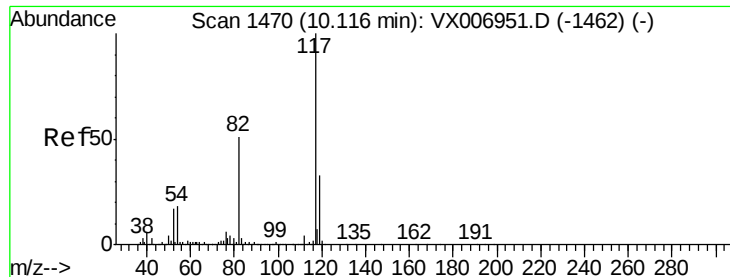


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

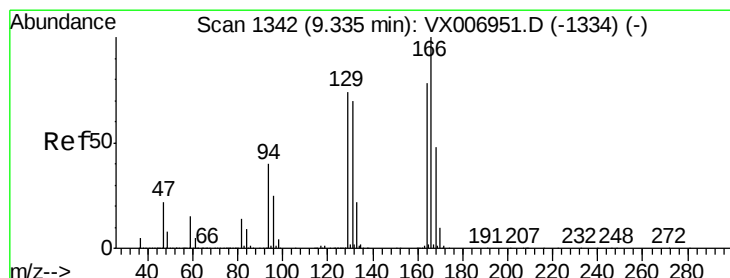
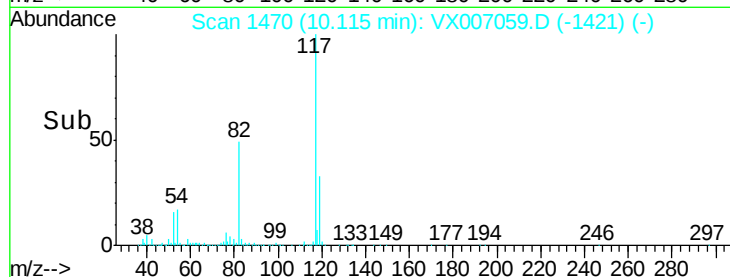
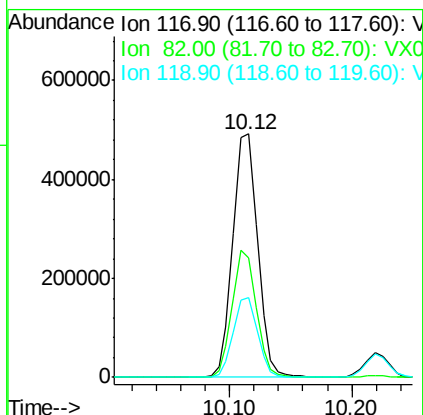
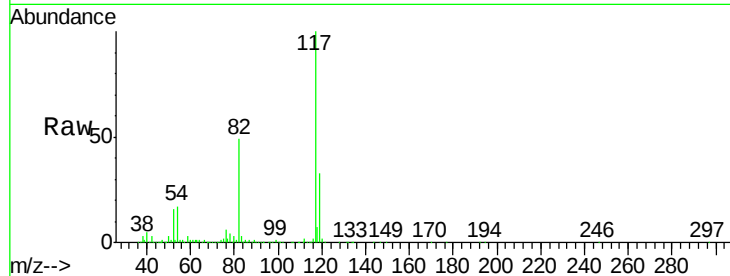




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

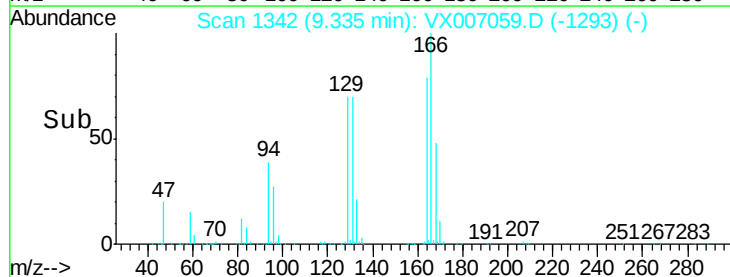
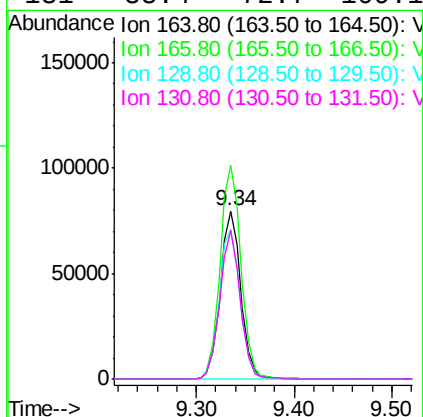
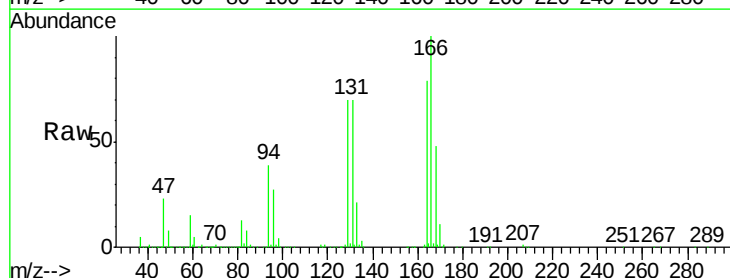
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS02

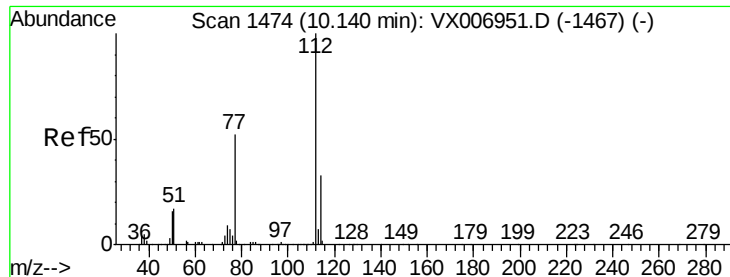
Tot Ion:117 Resp: 692654
Ion Ratio Lower Upper
117 100
82 49.1 41.0 61.6
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 19.279 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

Tgt Ion:164 Resp: 115612
Ion Ratio Lower Upper
164 100
166 127.0 102.5 153.7
129 88.6 75.1 112.7
131 88.4 72.7 109.1





#65

Chlorobenzene

Concen: 19.356 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

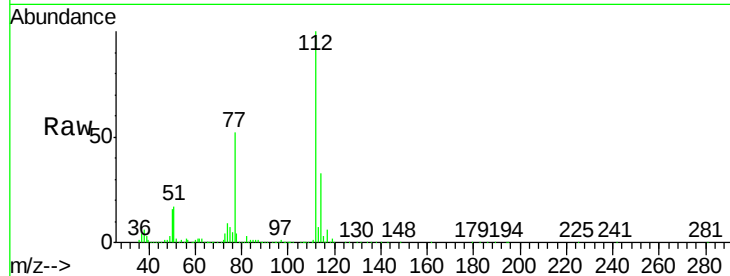
VX0115WBS02

Tot Ion:112 Resp: 292419

Ion Ratio Lower Upper

112 100

114 32.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

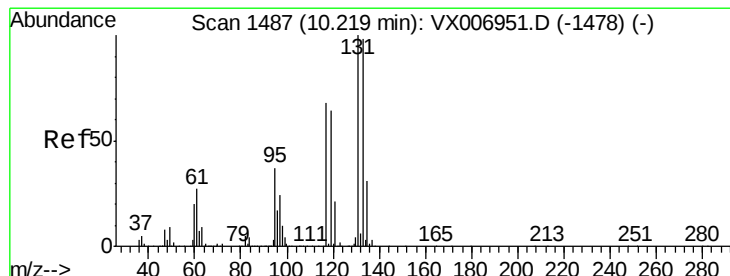
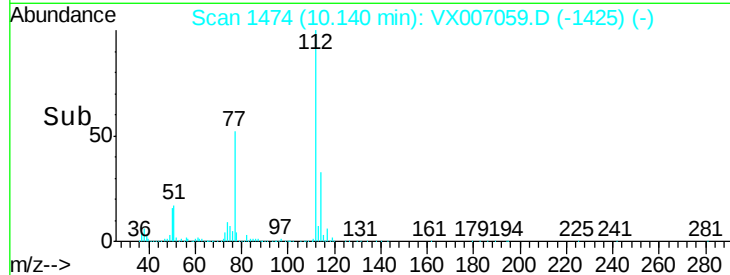
100000

50000

0

10.10 10.14 10.20 10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.266 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

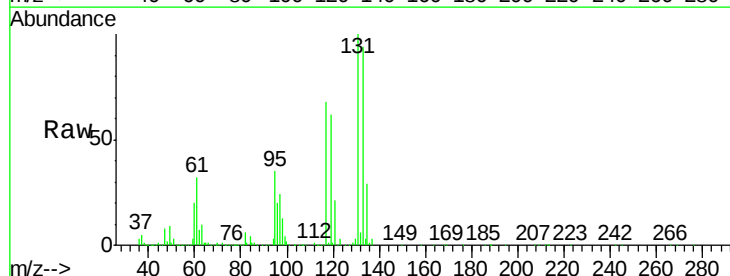
Tgt Ion:131 Resp: 97910

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.2

119 64.2 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

100000

80000

60000

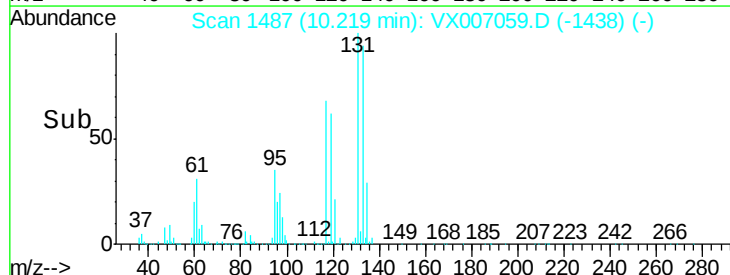
40000

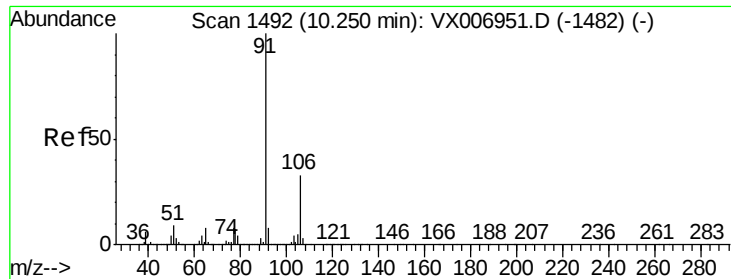
20000

0

10.15 10.20 10.25 10.30

Time-->





#67

Ethyl Benzene

Concen: 18.973 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

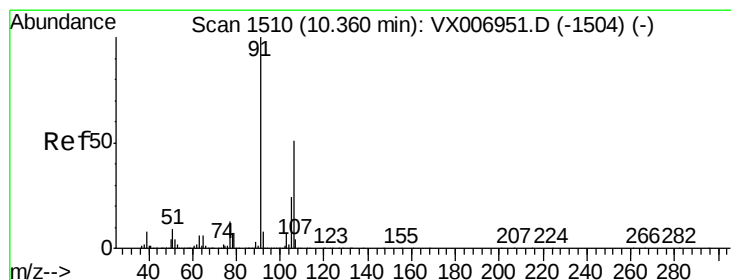
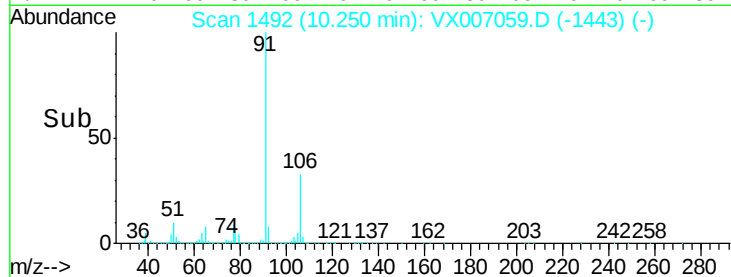
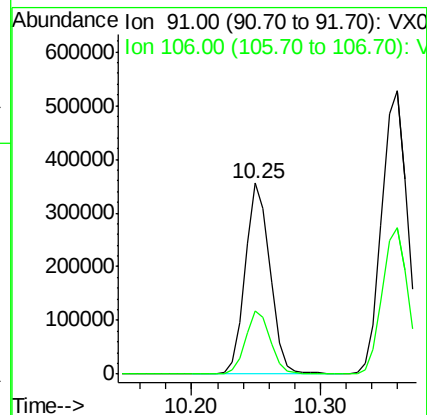
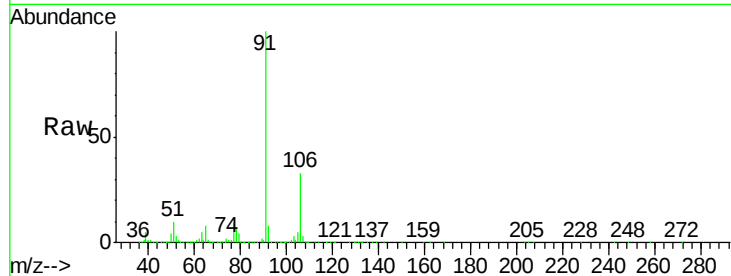
VX0115WBS02

Tot Ion: 91 Resp: 473190

Ion Ratio Lower Upper

91 100

106 32.9 26.4 39.6



#68

m/p-Xylenes

Concen: 38.485 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007059.D

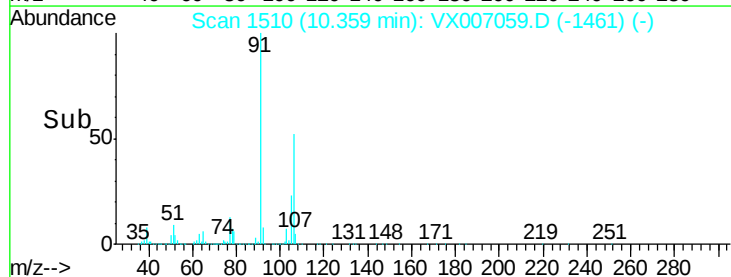
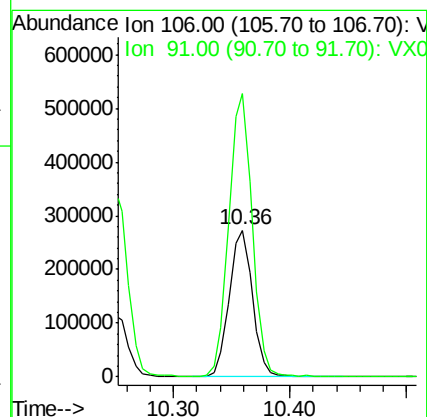
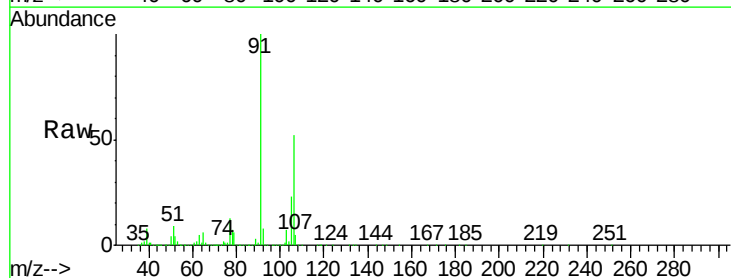
Acq: 15 Jan 2019 15:33

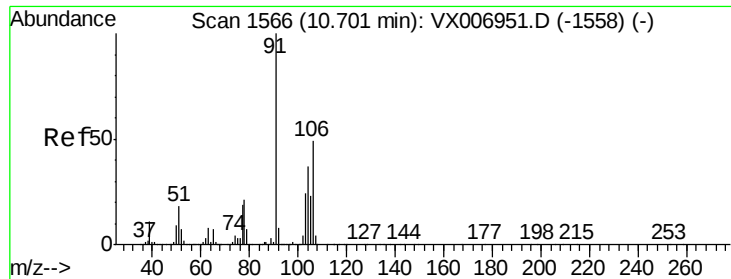
Tgt Ion: 106 Resp: 378154

Ion Ratio Lower Upper

106 100

91 194.5 155.8 233.6

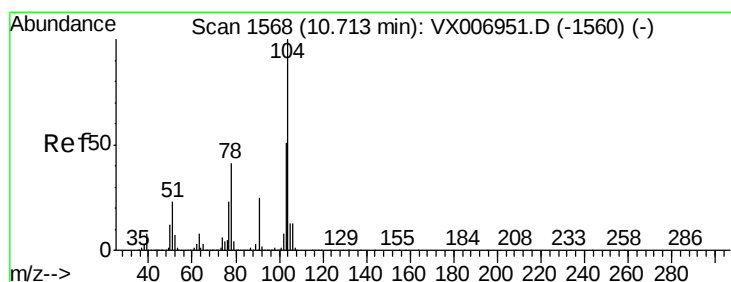
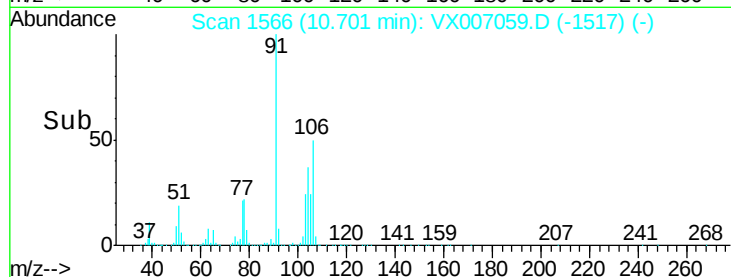
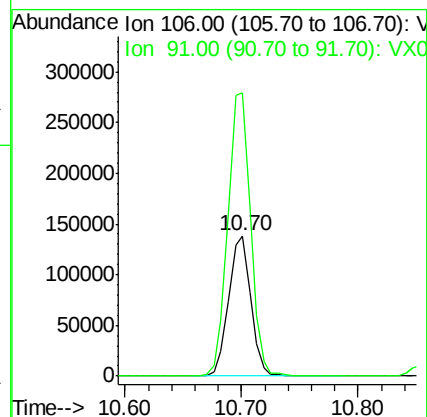
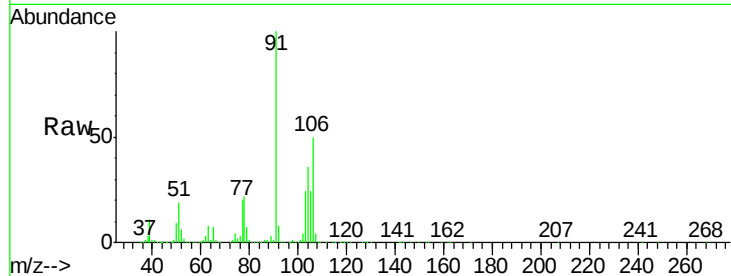




#69
o-Xylene
Concen: 19.055 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

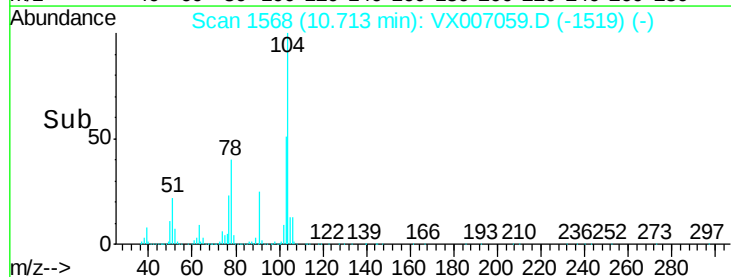
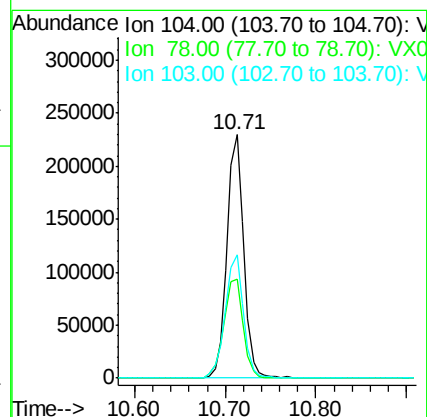
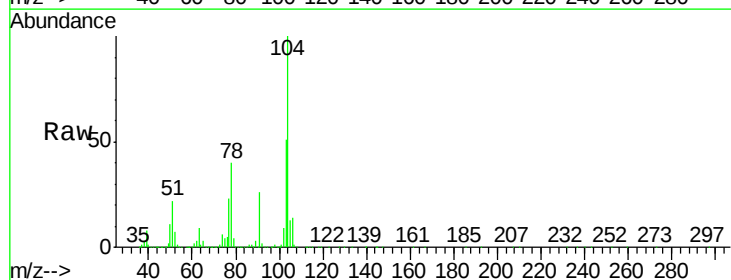
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS02

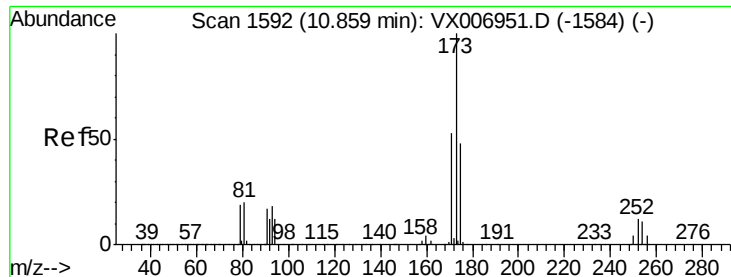
Tot Ion:106 Resp: 182598
Ion Ratio Lower Upper
106 100
91 208.1 101.3 303.7



#70
Styrene
Concen: 19.577 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

Tgt Ion:104 Resp: 297130
Ion Ratio Lower Upper
104 100
78 47.0 37.7 56.5
103 55.3 43.8 65.8





#71

Bromoform

Concen: 18.689 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

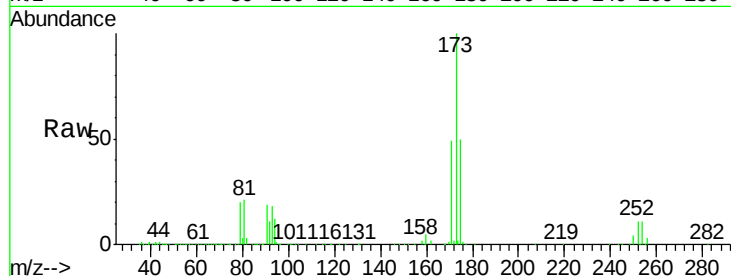
Tot Ion:173 Resp: 70109

Ion Ratio Lower Upper

173 100

175 50.7 24.7 74.1

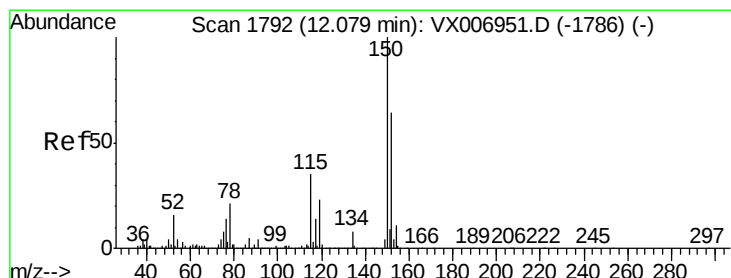
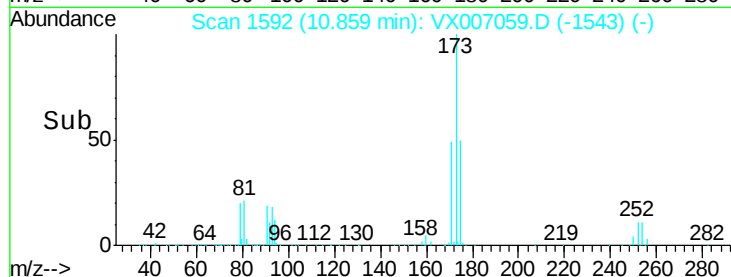
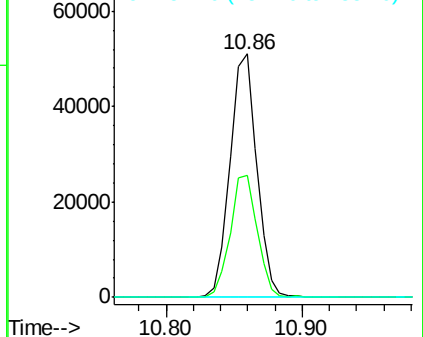
254 0.2 0.2 0.2



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: VX007059.D

Acq: 15 Jan 2019 15:33

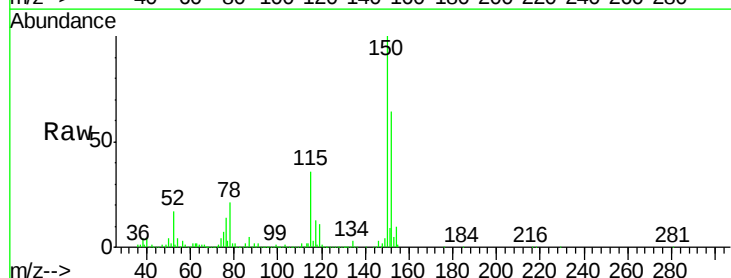
Tgt Ion:152 Resp: 352219

Ion Ratio Lower Upper

152 100

115 64.1 39.1 117.2

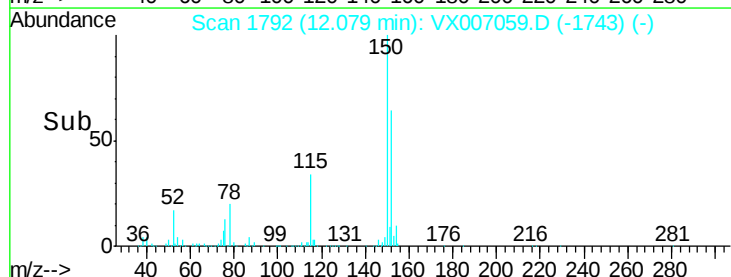
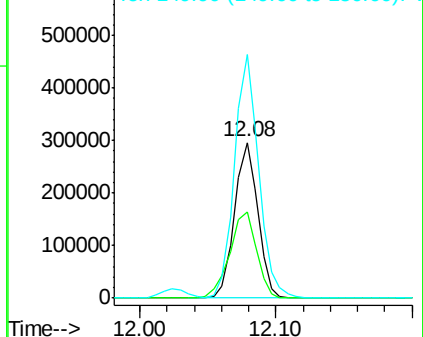
150 162.8 0.0 344.8

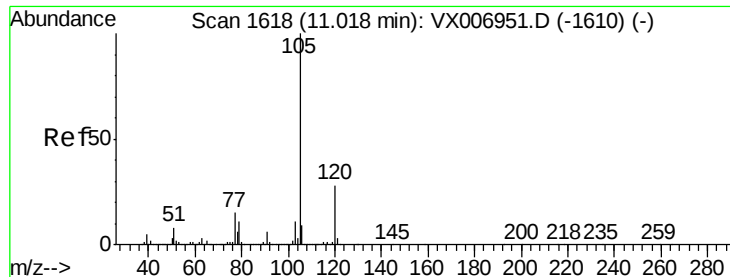


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.639 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

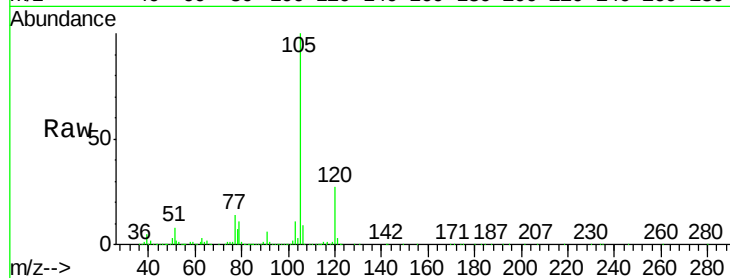
VX0115WBS02

Tot Ion:105 Resp: 487749

Ion Ratio Lower Upper

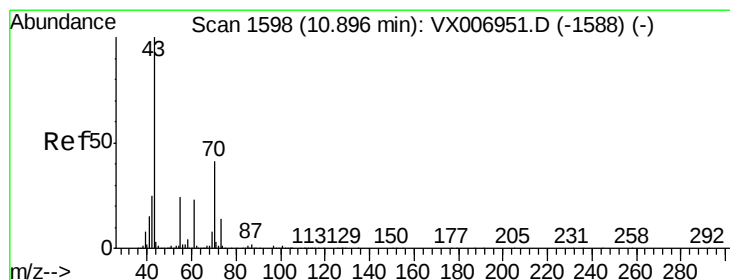
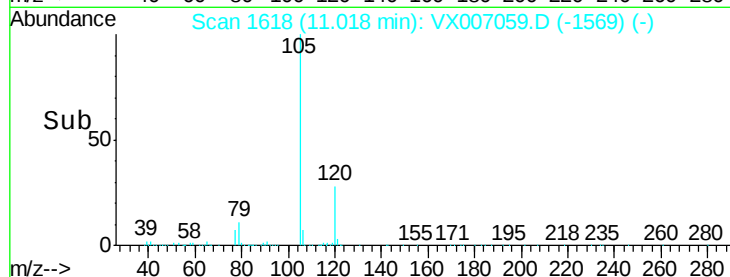
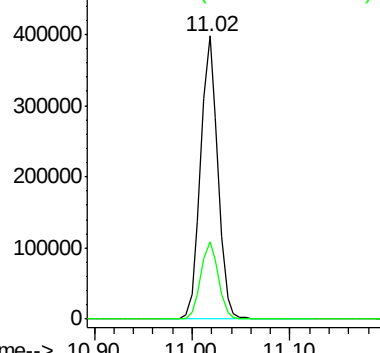
105 100

120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.249 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Tgt Ion: 43 Resp: 192480

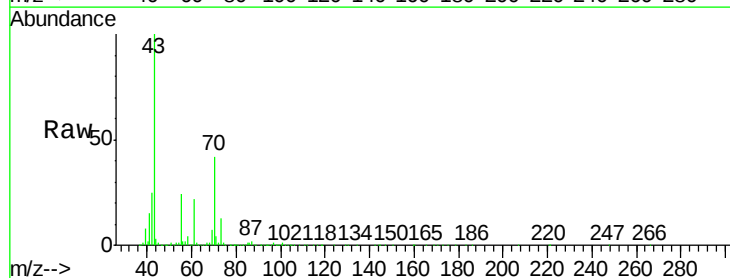
Ion Ratio Lower Upper

43 100

70 43.5 35.8 53.8

55 24.9 19.4 29.0

61 23.9 20.1 30.1

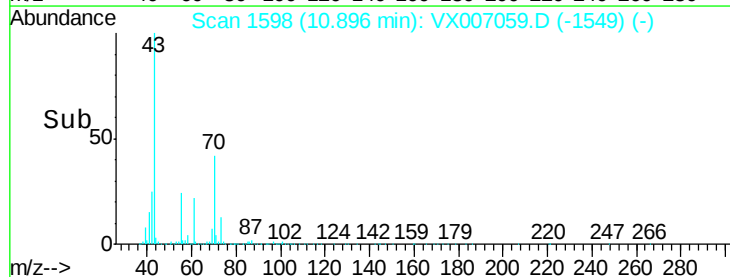
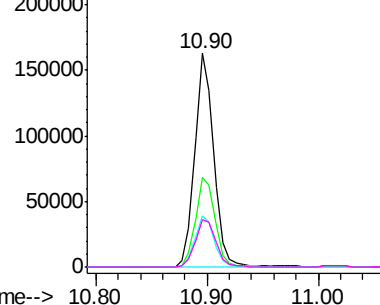


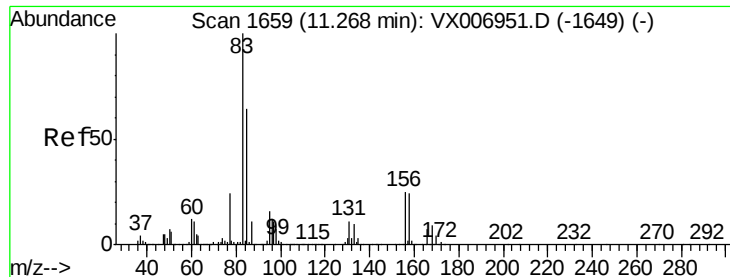
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.131 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

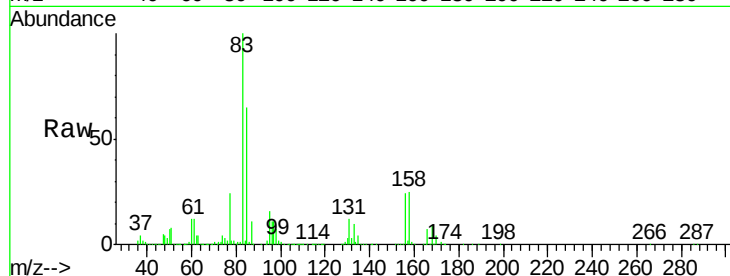
Tot Ion: 83 Resp: 158724

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

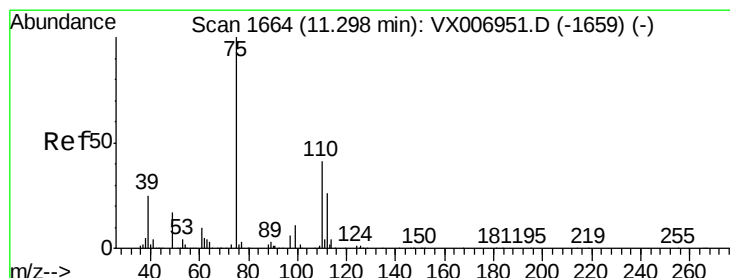
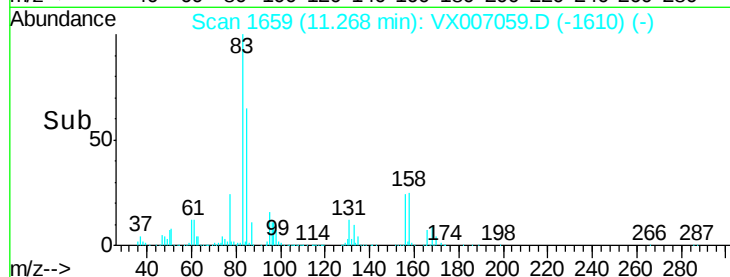
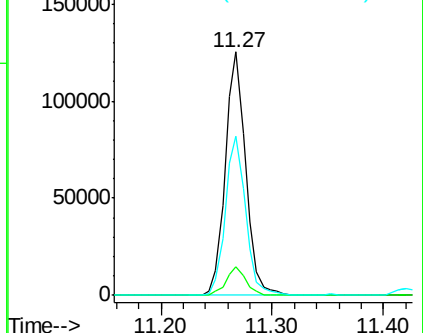
85 65.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.114 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007059.D

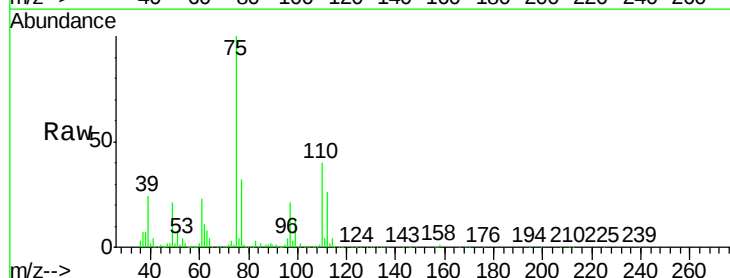
Acq: 15 Jan 2019 15:33

Tgt Ion: 75 Resp: 172113

Ion Ratio Lower Upper

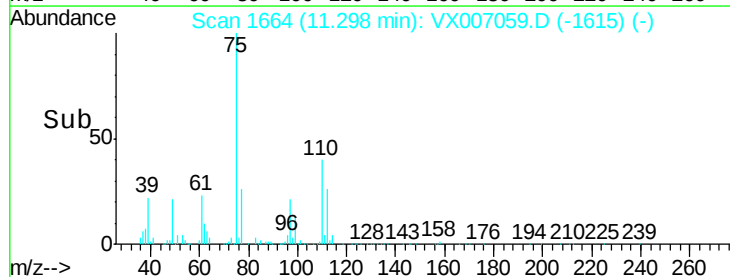
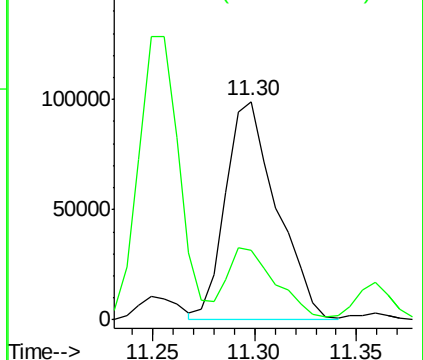
75 100

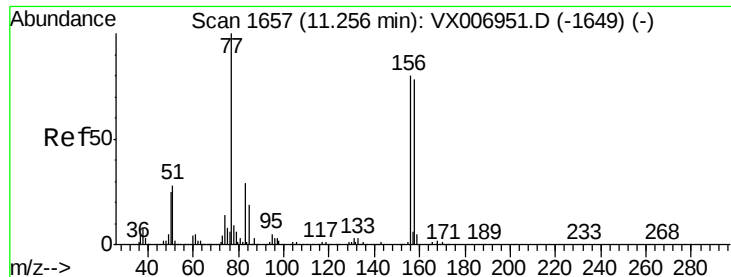
77 31.3 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.191 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

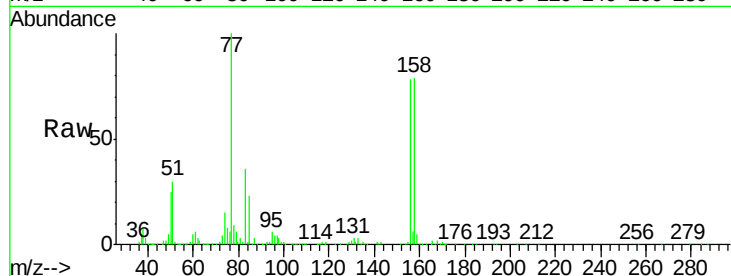
Tot Ion:156 Resp: 131331

Ion Ratio Lower Upper

156 100

77 136.1 68.0 204.0

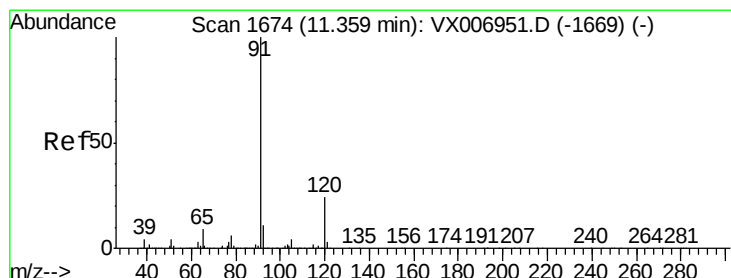
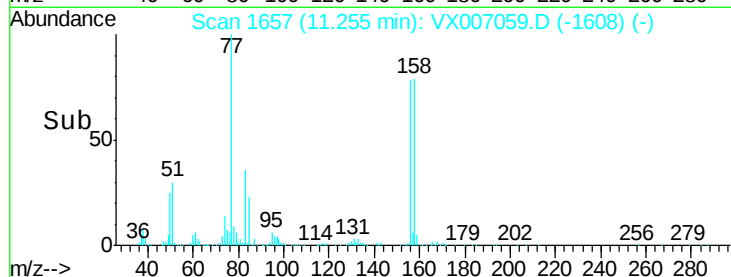
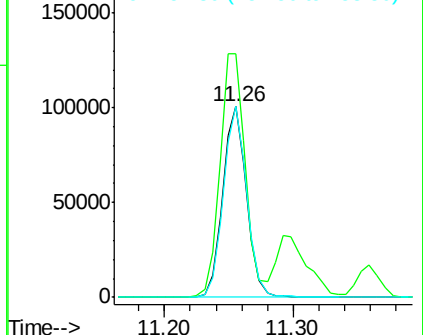
158 98.6 48.3 144.8



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: 19.716 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007059.D

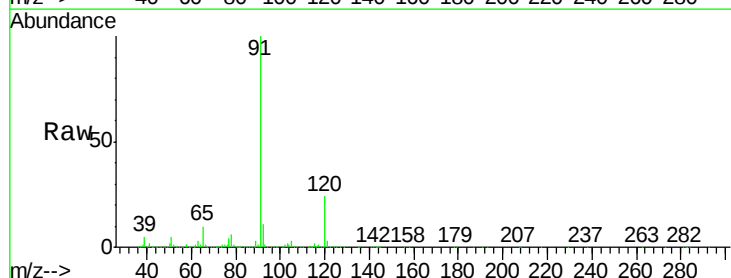
Acq: 15 Jan 2019 15:33

Tgt Ion: 91 Resp: 537564

Ion Ratio Lower Upper

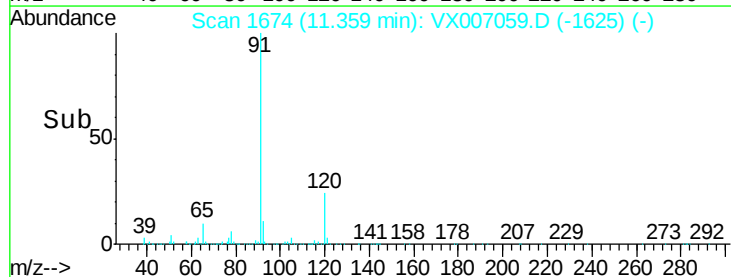
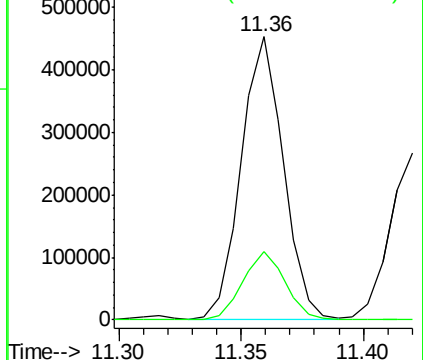
91 100

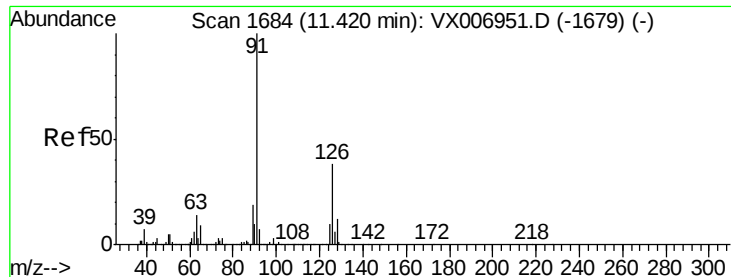
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.581 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampled :

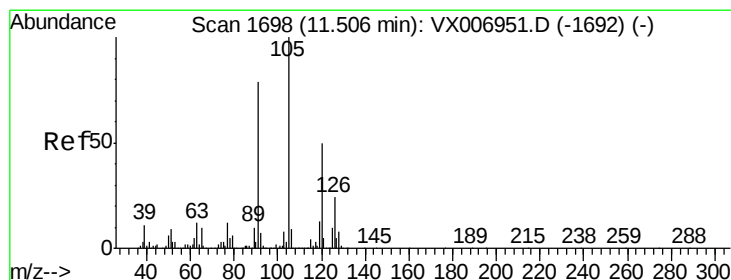
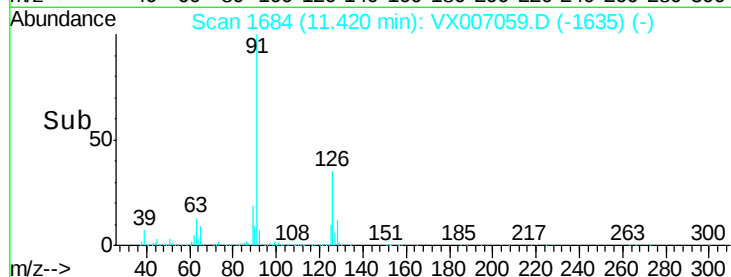
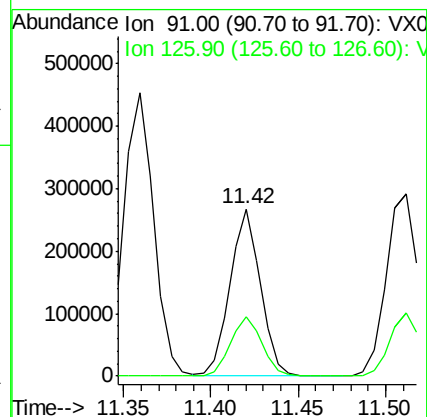
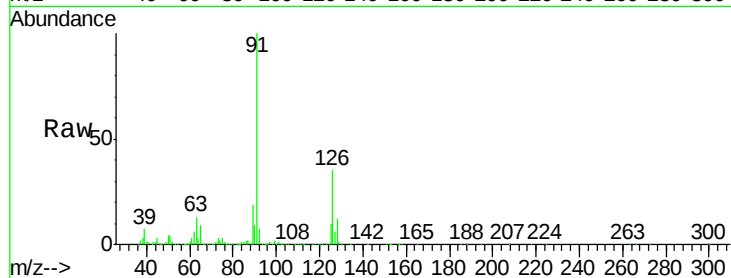
VX0115WBS02

Tot Ion: 91 Resp: 321368

Ion Ratio Lower Upper

91 100

126 36.9 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 19.584 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007059.D

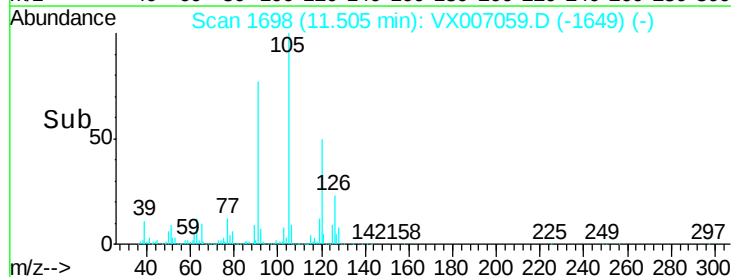
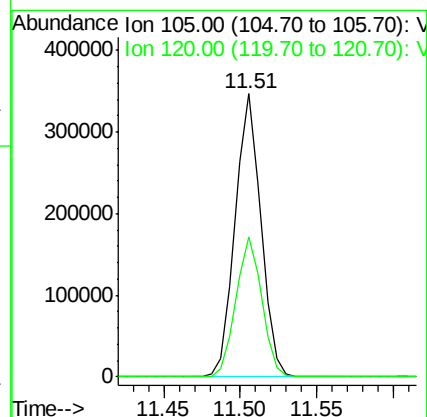
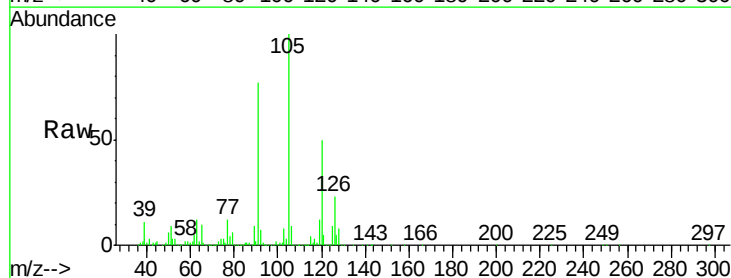
Acq: 15 Jan 2019 15:33

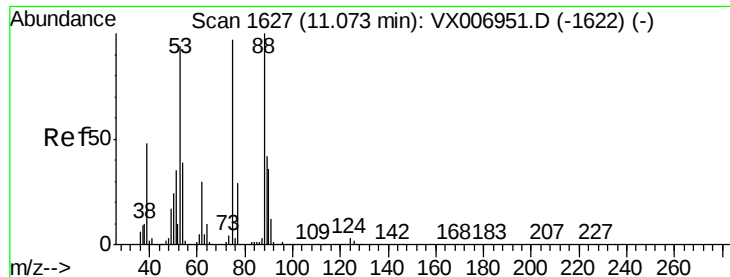
Tgt Ion: 105 Resp: 406416

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.374 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampled :

VX0115WBS02

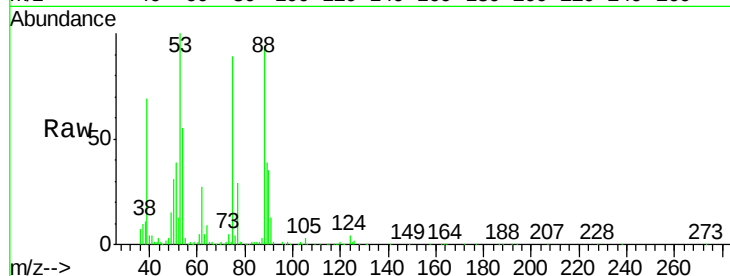
Tot Ion: 75 Resp: 34776

Ion Ratio Lower Upper

75 100

53 112.1 79.7 119.5

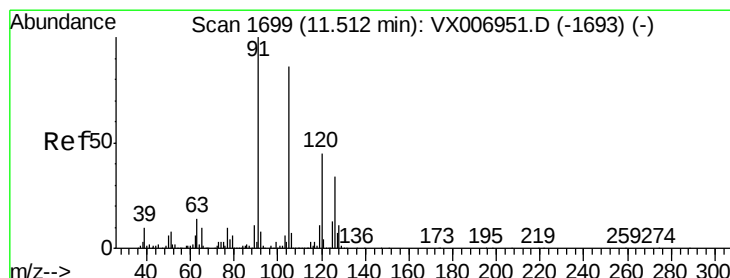
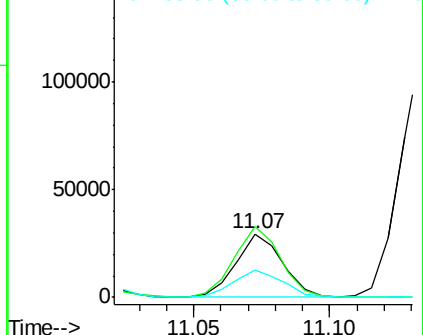
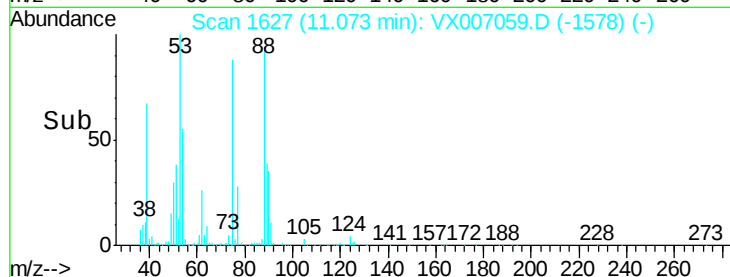
89 46.4 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.559 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007059.D

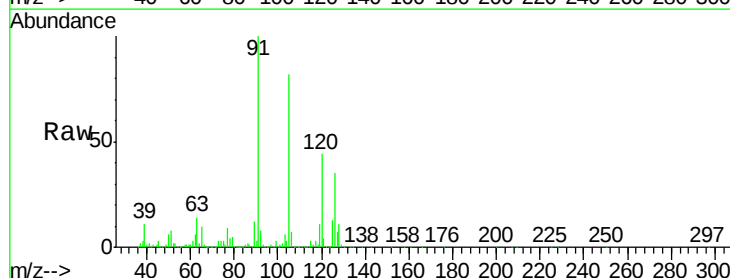
Acq: 15 Jan 2019 15:33

Tgt Ion: 91 Resp: 371676

Ion Ratio Lower Upper

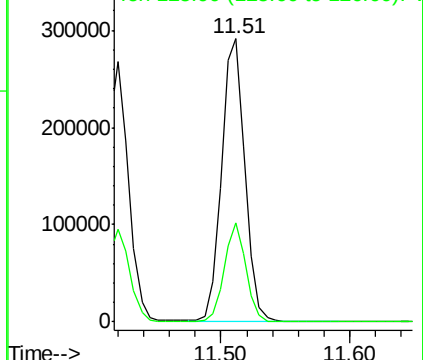
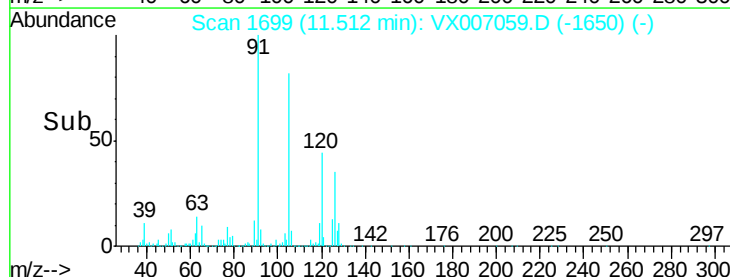
91 100

126 32.8 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

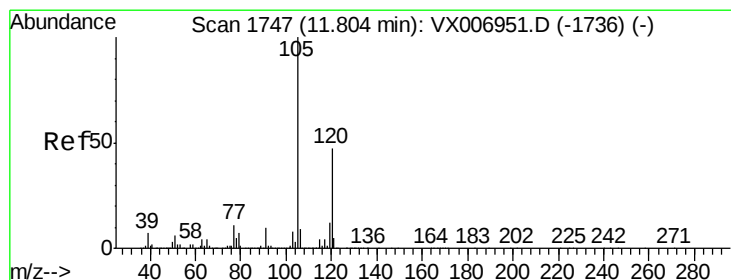
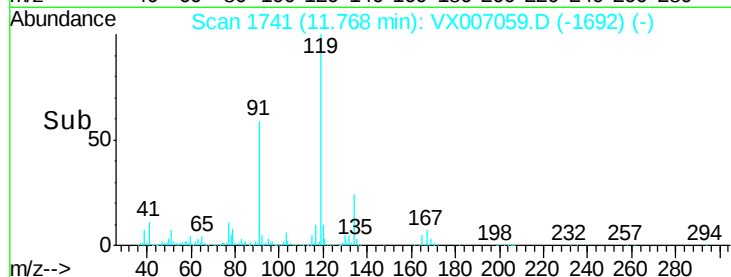
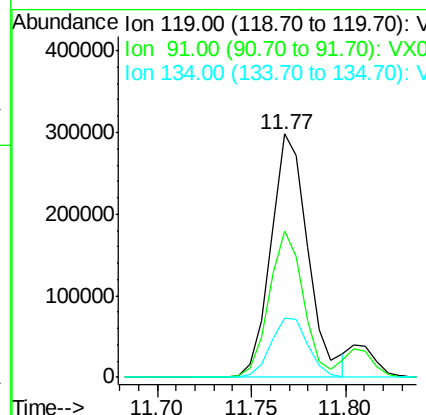
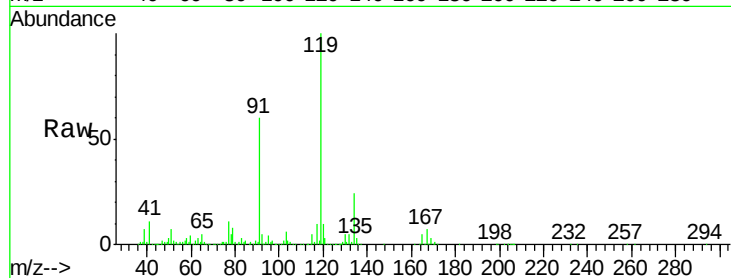




#83
 tert-Butylbenzene
 Concen: 19.591 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007059.D
 Acq: 15 Jan 2019 15:33

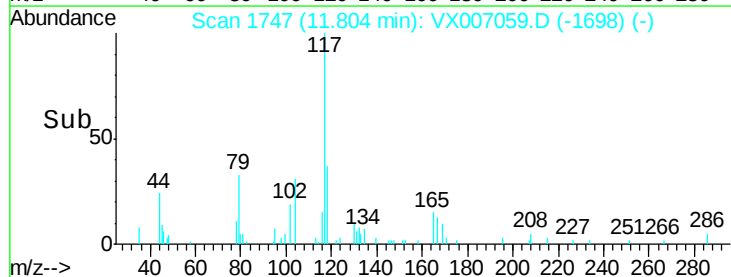
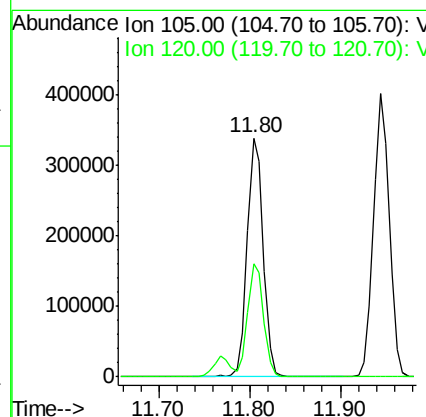
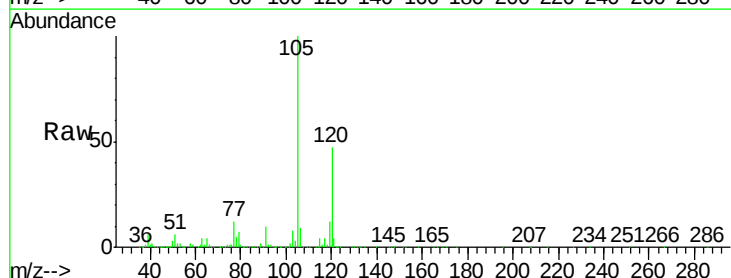
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS02

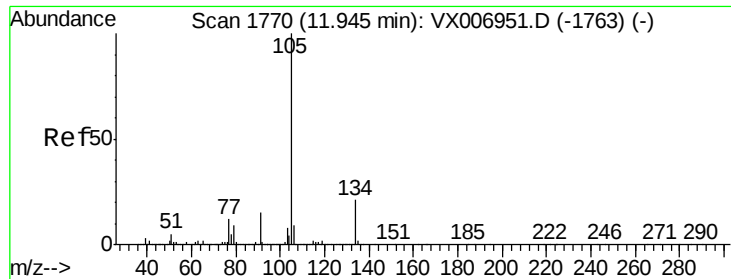
Tot Ion:119 Resp: 405639
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.7 83.1
 134 24.6 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.895 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007059.D
 Acq: 15 Jan 2019 15:33

Tgt Ion:105 Resp: 415183
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.679 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

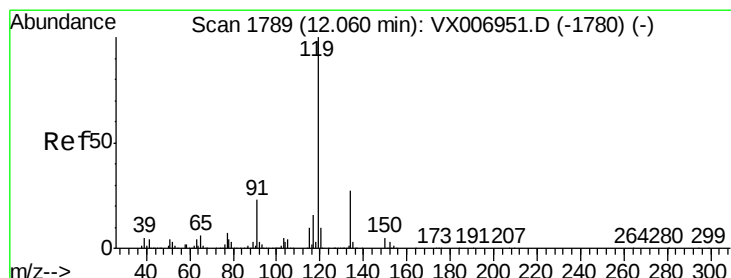
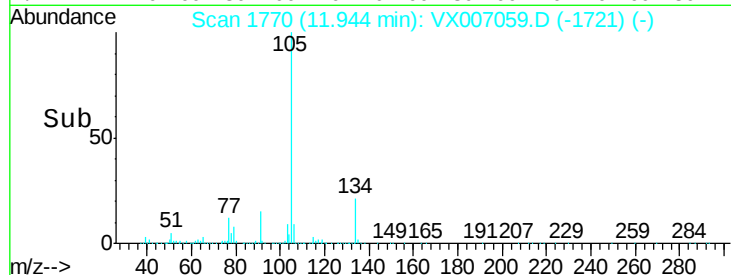
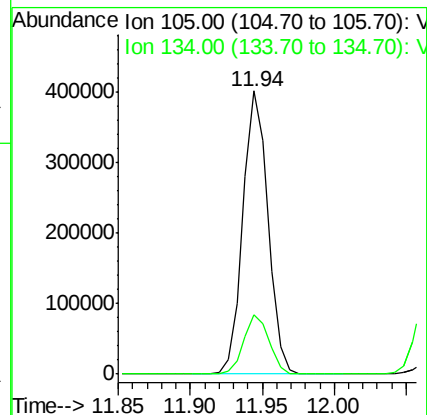
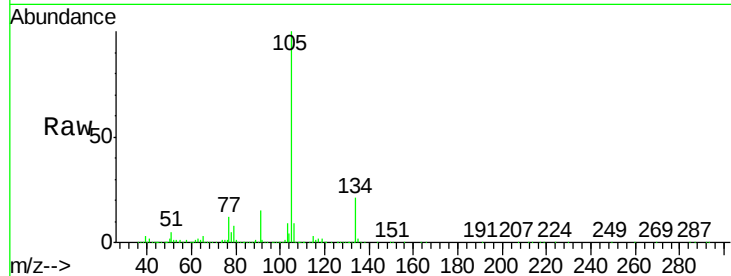
VX0115WBS02

Tot Ion:105 Resp: 486620

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.790 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

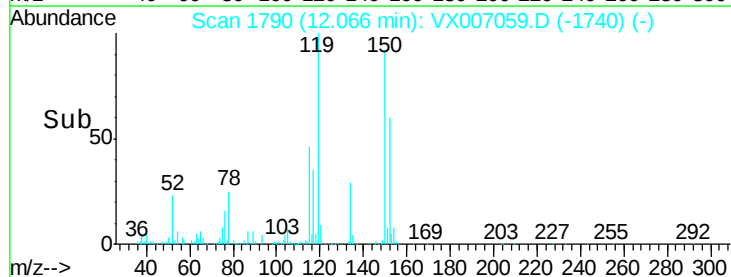
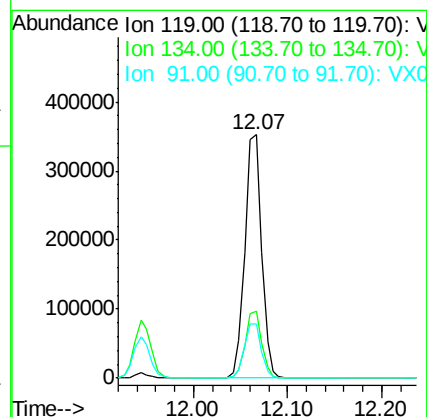
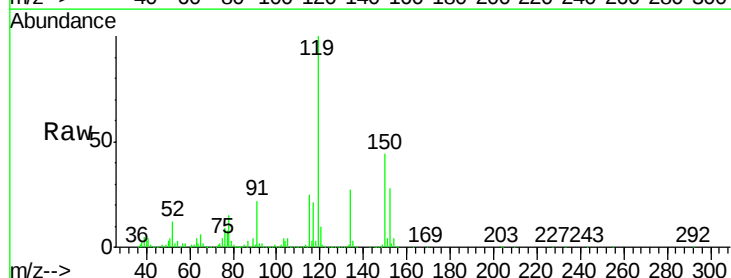
Tgt Ion:119 Resp: 437734

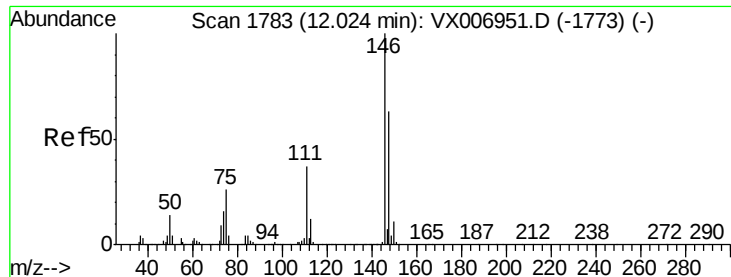
Ion Ratio Lower Upper

119 100

134 26.9 14.0 41.9

91 22.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.007 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

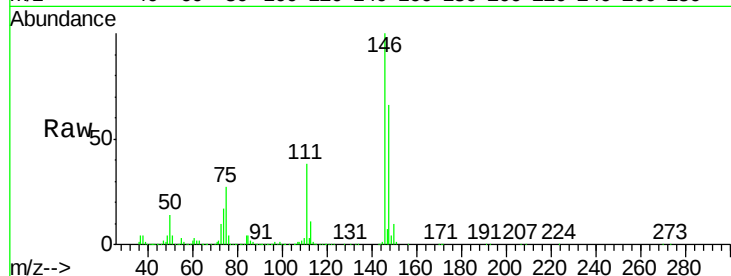
Tot Ion:146 Resp: 235108

Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.8

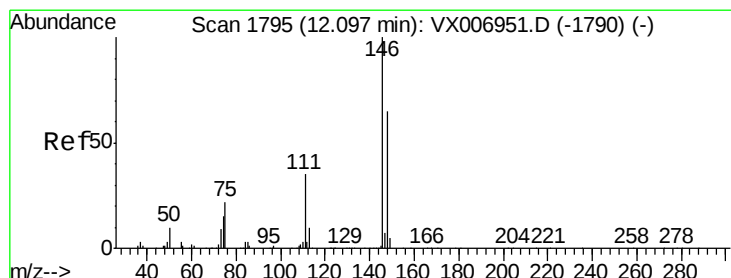
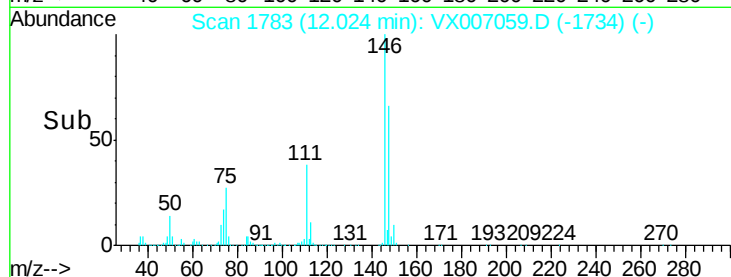
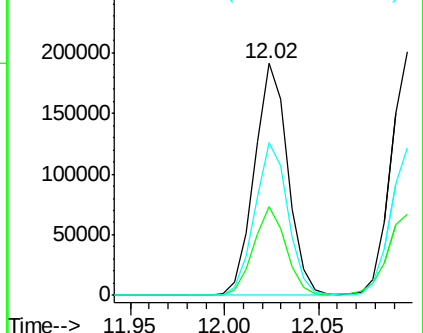
148 65.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.182 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

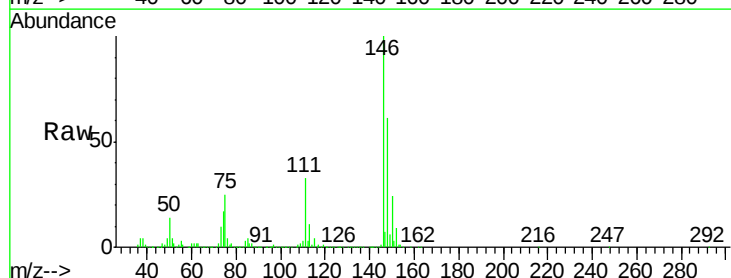
Tgt Ion:146 Resp: 235515

Ion Ratio Lower Upper

146 100

111 37.1 18.1 54.1

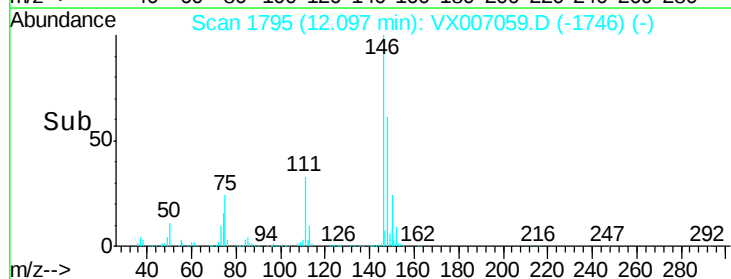
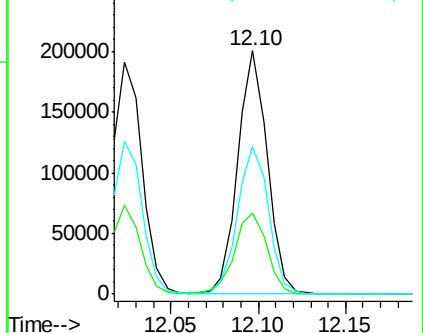
148 63.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

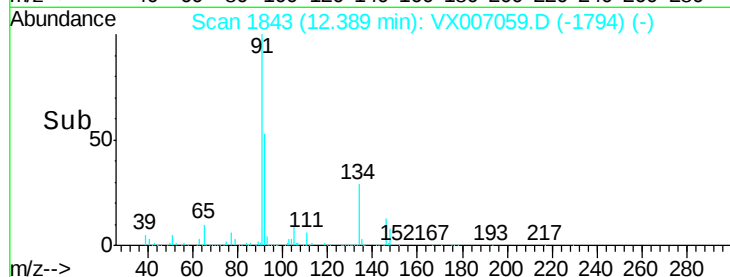
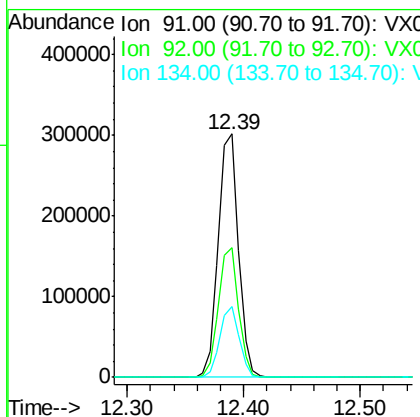
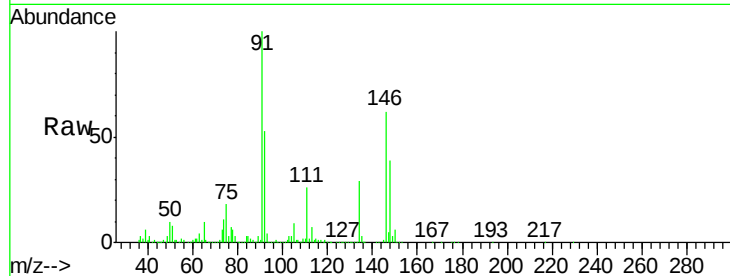




#89
n-Butylbenzene
Concen: 19.075 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

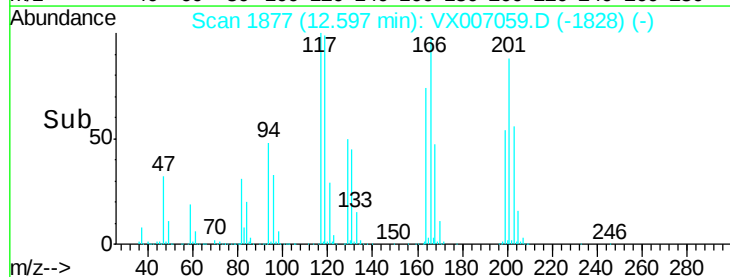
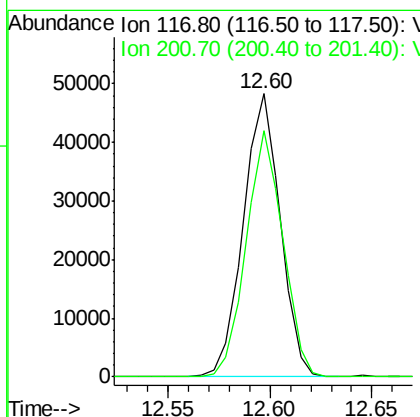
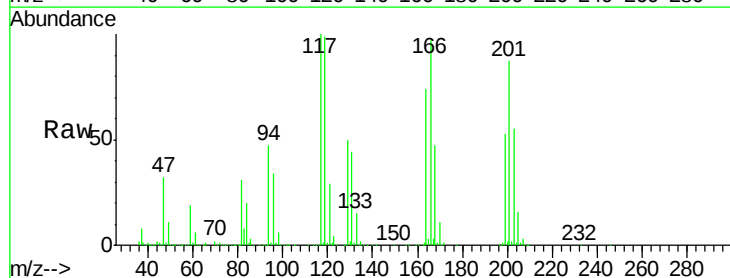
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS02

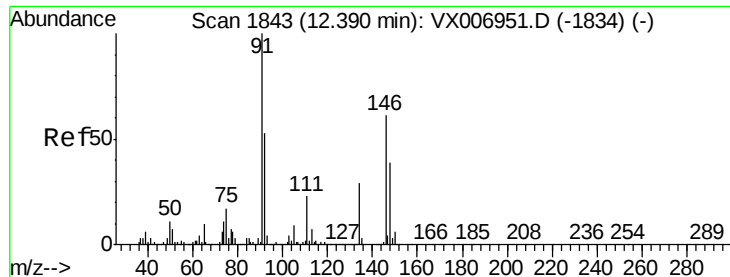
Tot Ion: 91 Resp: 359664
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.4
134 27.9 14.4 43.2



#90
Hexachloroethane
Concen: 19.124 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007059.D
Acq: 15 Jan 2019 15:33

Tgt Ion: 117 Resp: 60796
Ion Ratio Lower Upper
117 100
201 86.4 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.278 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

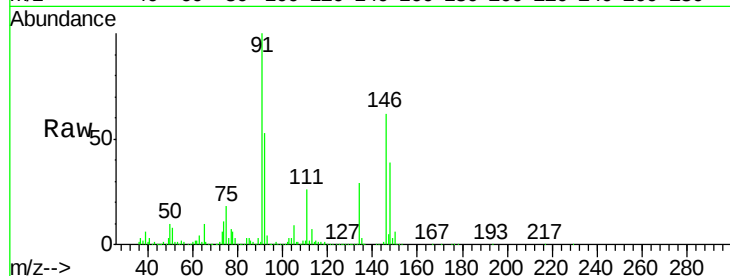
Tot Ion:146 Resp: 235319

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

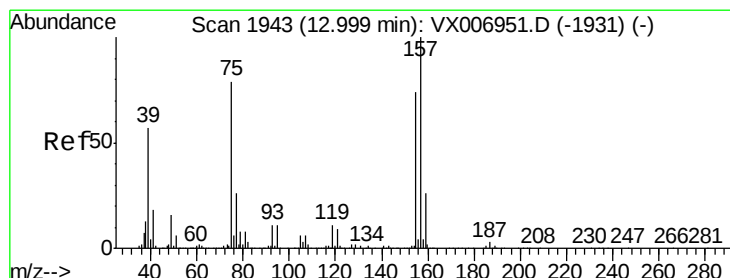
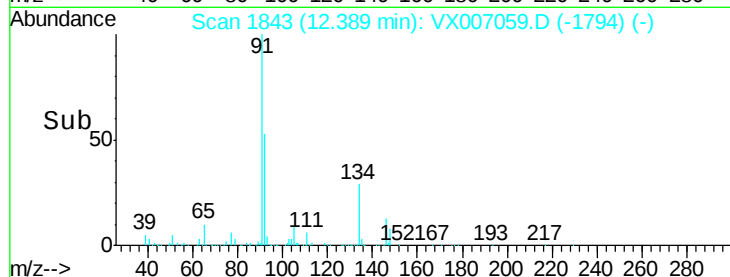
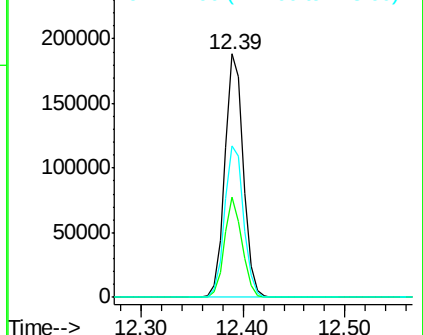
148 64.0 32.3 96.9



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: 19.623 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

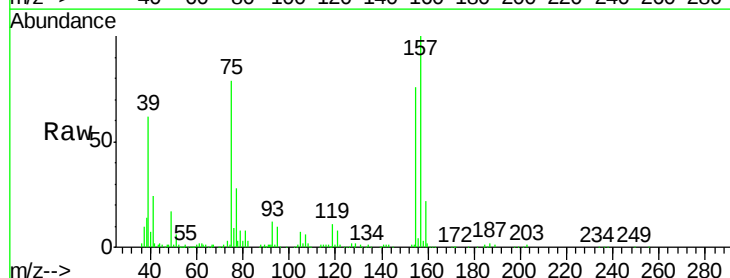
Tgt Ion: 75 Resp: 30600

Ion Ratio Lower Upper

75 100

155 95.3 50.6 151.8

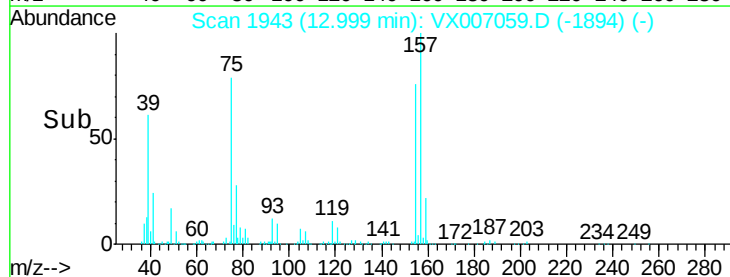
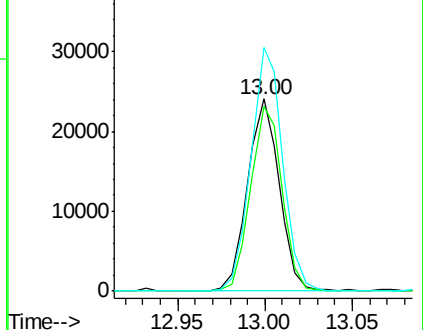
157 126.2 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

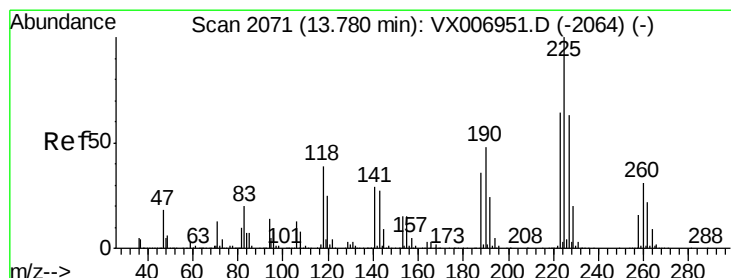
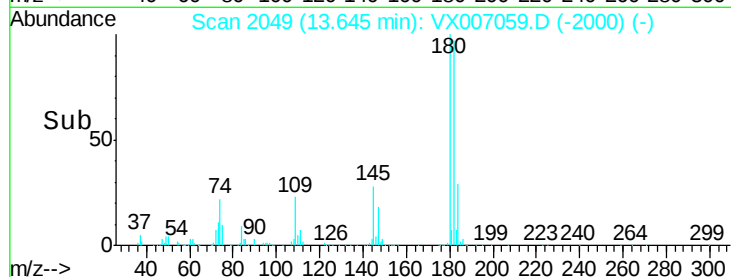
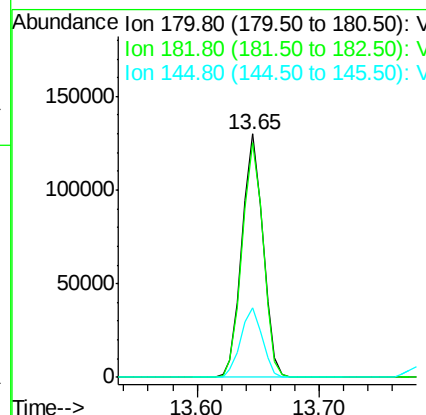
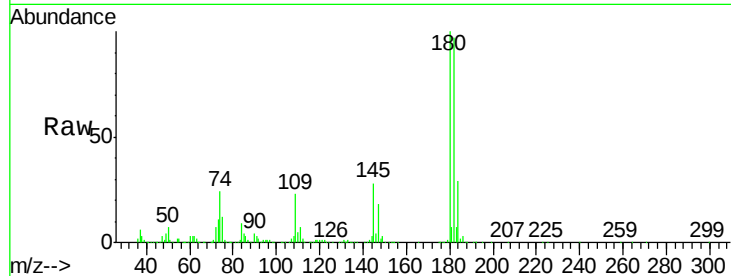




#93
 1,2,4-Trichlorobenzene
 Concen: 18.386 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007059.D
 Acq: 15 Jan 2019 15:33

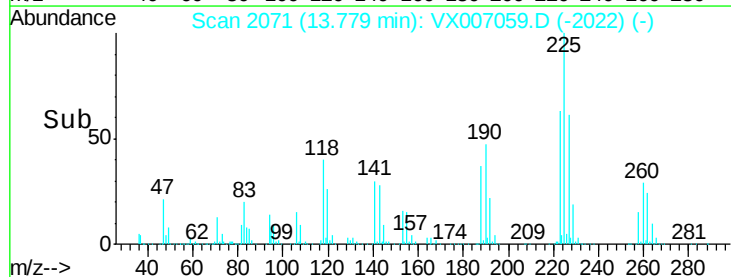
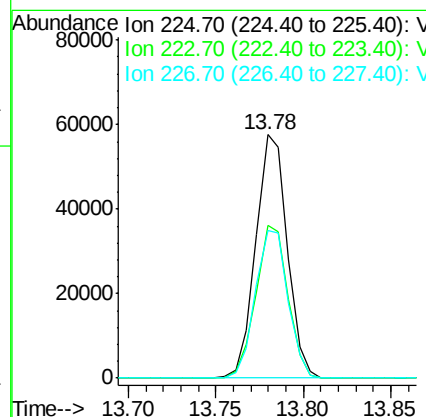
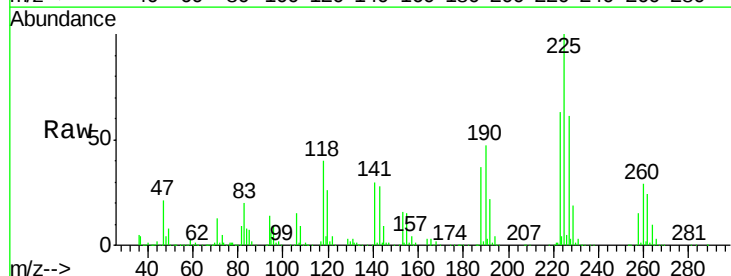
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS02

Tot Ion:180 Resp: 153979
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.3 142.0
 145 29.3 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 19.396 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007059.D
 Acq: 15 Jan 2019 15:33

Tgt Ion:225 Resp: 72082
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.1 96.3
 227 63.0 32.3 96.8





#95

Naphthalene

Concen: 19.696 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBS02

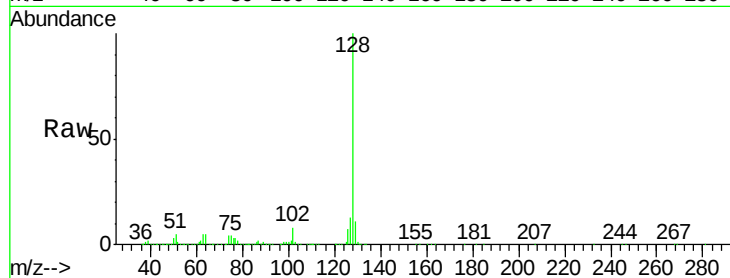
Tot Ion:128 Resp: 499824

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

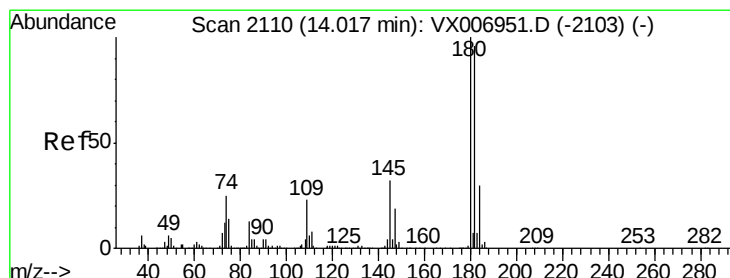
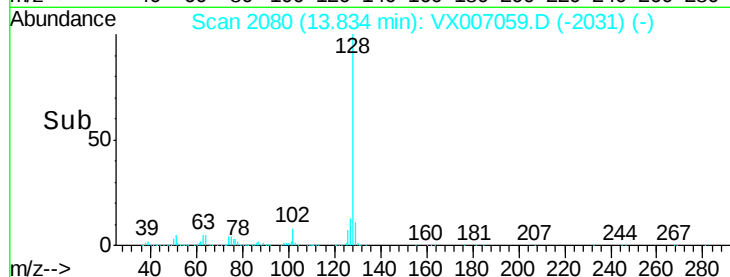
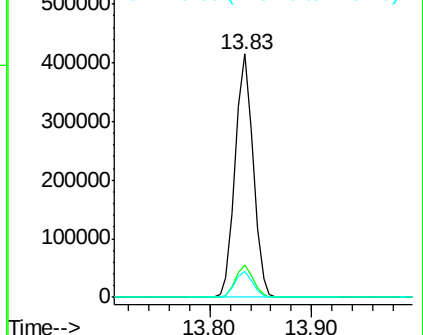
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.792 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007059.D

Acq: 15 Jan 2019 15:33

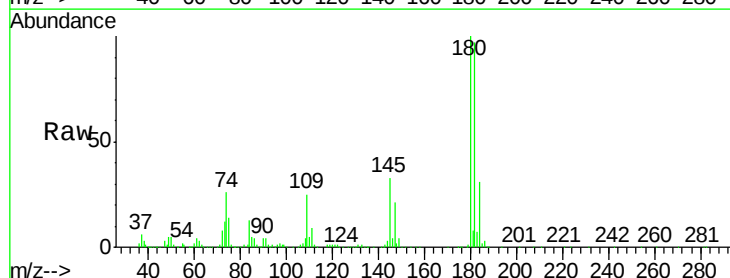
Tgt Ion:180 Resp: 156335

Ion Ratio Lower Upper

180 100

182 97.5 48.5 145.5

145 31.0 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

