

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002604.D
 Acq On : 15 Jun 2018 18:50
 Operator : JC/MD
 Sample : VX0615WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Quant Time: Jun 15 23:18:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 14:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	195921	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	171310	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
35) Dibromofluoromethane	5.51	113	132989	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
50) Toluene-d8	8.72	98	510715	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.14	95	189206	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	47561	19.10	ug/l	99
3) Chloromethane	1.32	50	56251	18.99	ug/l	98
4) Vinyl Chloride	1.40	62	61485	20.00	ug/l	98
5) Bromomethane	1.64	94	41083	22.15	ug/l	100
6) Chloroethane	1.72	64	38954	19.22	ug/l	99
7) Trichlorofluoromethane	1.93	101	99927	20.01	ug/l	98
8) Diethyl Ether	2.19	74	36544	19.24	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55286	19.80	ug/l	98
10) Methyl Iodide	2.51	142	56486	18.62	ug/l	97
11) Tert butyl alcohol	3.08	59	75851	102.92	ug/l	98
12) 1,1-Dichloroethene	2.37	96	50792	19.38	ug/l	99
13) Acrolein	2.29	56	31526	95.61	ug/l	99
14) Allyl chloride	2.73	41	101598	19.52	ug/l	98
15) Acrylonitrile	3.15	53	160599	99.86	ug/l	99
16) Acetone	2.45	43	146395	93.08	ug/l	98
17) Carbon Disulfide	2.57	76	118982	19.14	ug/l	99
18) Methyl Acetate	2.78	43	83945	20.03	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	193969	19.73	ug/l	99
20) Methylene Chloride	2.86	84	58413	18.11	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	56736	19.95	ug/l	94
22) Diisopropyl ether	3.88	45	178463	18.95	ug/l	99
23) Vinyl Acetate	3.83	43	758747	96.27	ug/l	100
24) 1,1-Dichloroethane	3.70	63	101623	19.88	ug/l	100
25) 2-Butanone	4.71	43	208372	100.88	ug/l	100
26) 2,2-Dichloropropane	4.59	77	68098	18.54	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	56594	19.56	ug/l	98
28) Bromochloromethane	5.03	49	46776	19.54	ug/l	98
29) Tetrahydrofuran	5.17	42	136505	100.84	ug/l	98
30) Chloroform	5.22	83	97517	19.79	ug/l	98
31) Cyclohexane	5.57	56	83475	19.84	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	83170	20.18	ug/l	98
36) 1,1-Dichloropropene	5.80	75	69912	19.63	ug/l	99
37) Ethyl Acetate	4.87	43	79984	19.84	ug/l	98
38) Carbon Tetrachloride	5.79	117	72758	20.52	ug/l	95

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 ClientSampleId :
 VX0615WBSD01

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84931	20.40	ug/l	99
40) Benzene	6.15	78	210110	19.68	ug/l	100
41) Methacrylonitrile	5.07	41	45302	19.91	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82623	19.99	ug/l	99
43) Isopropyl Acetate	6.47	43	132992	19.92	ug/l	99
44) Trichloroethene	7.22	130	60714	19.70	ug/l	95
45) 1,2-Dichloropropane	7.52	63	55898	19.89	ug/l	99
46) Dibromomethane	7.67	93	37929	20.18	ug/l	98
47) Bromodichloromethane	7.90	83	66091	19.93	ug/l	98
48) Methyl methacrylate	7.78	41	67571	19.80	ug/l	99
49) 1,4-Dioxane	7.76	88	26823	415.06	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	435673	101.61	ug/l	99
52) Toluene	8.79	92	136819	20.09	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	78588	19.44	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	70598	18.99	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56097	20.38	ug/l	98
56) Ethyl methacrylate	9.18	69	85224	20.12	ug/l	99
57) 1,3-Dichloropropane	9.38	76	91173	19.59	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	205324	100.23	ug/l	100
59) 2-Hexanone	9.50	43	335293	103.78	ug/l	99
60) Dibromochloromethane	9.59	129	51532	19.15	ug/l	100
61) 1,2-Dibromoethane	9.68	107	58070	20.37	ug/l	99
64) Tetrachloroethene	9.34	164	67246	19.09	ug/l	97
65) Chlorobenzene	10.14	112	155576	19.96	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	54594	20.55	ug/l	100
67) Ethyl Benzene	10.26	91	266548	20.28	ug/l	99
68) m/p-Xylenes	10.36	106	205066	40.44	ug/l	99
69) o-Xylene	10.70	106	100040	20.08	ug/l	98
70) Styrene	10.71	104	164003	20.02	ug/l	99
71) Bromoform	10.86	173	37744	18.93	ug/l #	99
73) Isopropylbenzene	11.02	105	272009	20.76	ug/l	100
74) N-amyl acetate	6.47	43	132992	20.43	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81416	21.04	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	90766	24.55	ug/l	82
77) Bromobenzene	11.26	156	73648	20.17	ug/l	98
78) n-propylbenzene	11.37	91	308500	20.53	ug/l	100
79) 2-Chlorotoluene	11.43	91	182072	20.29	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	226154	20.42	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18758	19.06	ug/l	88
82) 4-Chlorotoluene	11.51	91	217323	20.53	ug/l	99
83) tert-Butylbenzene	11.77	119	220535	20.67	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	232545	20.58	ug/l	98
85) sec-Butylbenzene	11.95	105	277818	20.94	ug/l	100
86) p-Isopropyltoluene	12.07	119	246543	20.54	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	134198	19.91	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	136326	20.14	ug/l	100
89) n-Butylbenzene	12.39	91	212976	20.12	ug/l	99
90) Hexachloroethane	12.60	117	33391	19.54	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	136444	20.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16566	20.44	ug/l	96

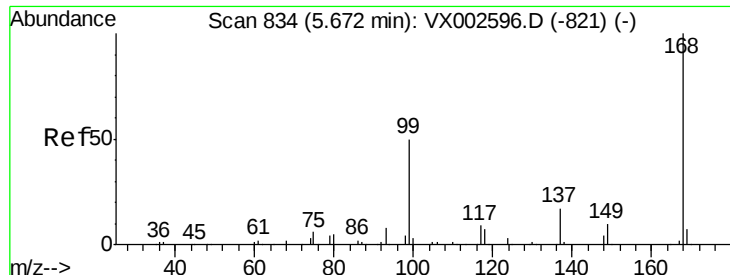
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002604.D
Acq On : 15 Jun 2018 18:50
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Instrument :
MSVOA_X
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Quant Time: Jun 15 23:18:25 2018
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Quant Title : SW846 8260
QLast Update : Fri Jun 15 14:54:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97390	19.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	52970	20.56	ug/l	100
95) Naphthalene	13.84	128	278035	21.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99836	20.33	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

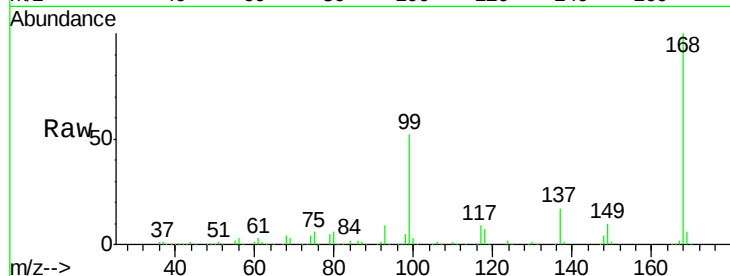
VX0615WBSD01

Tot Ion:168 Resp: 234592

Ion Ratio Lower Upper

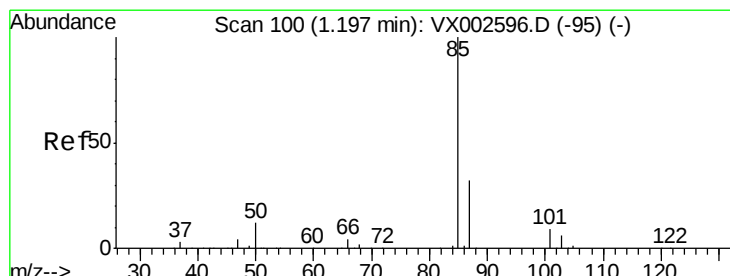
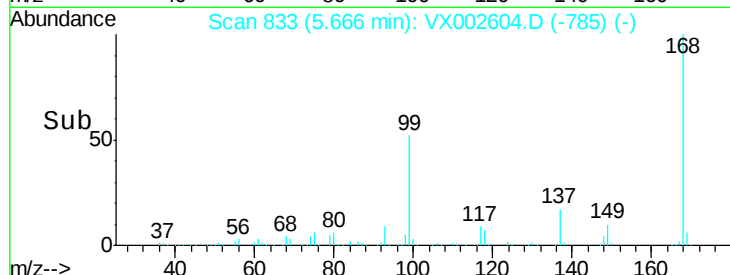
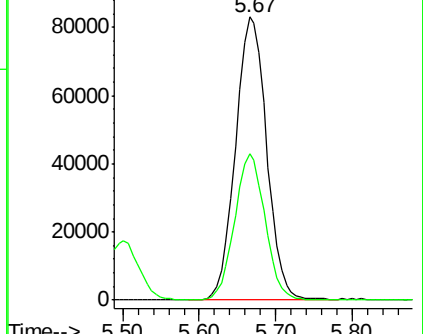
168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.10 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002604.D

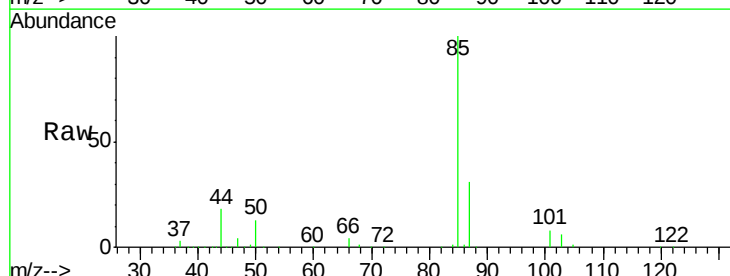
Acq: 15 Jun 2018 18:50

Tgt Ion: 85 Resp: 47561

Ion Ratio Lower Upper

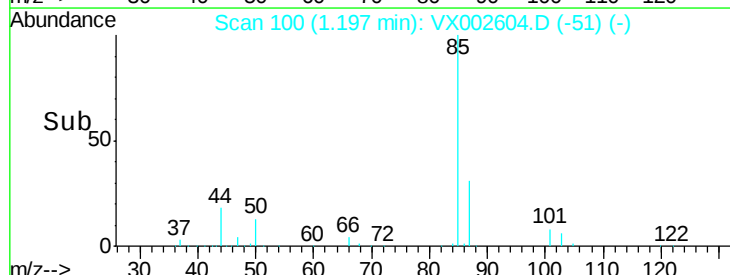
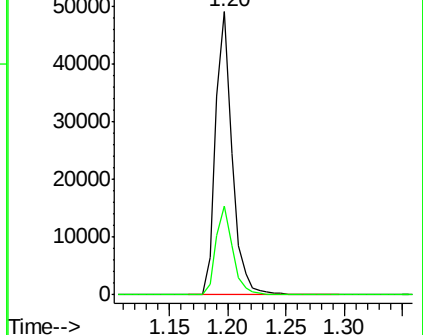
85 100

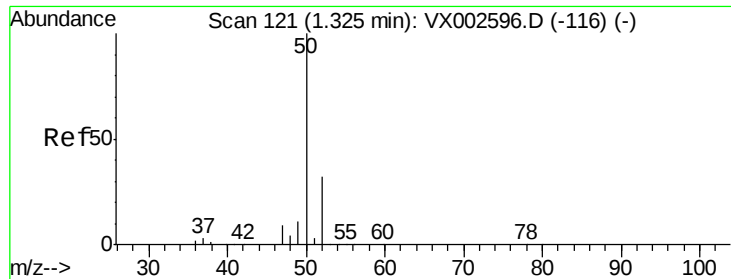
87 31.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.99 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

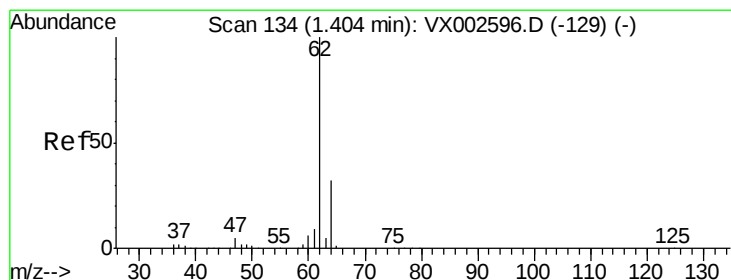
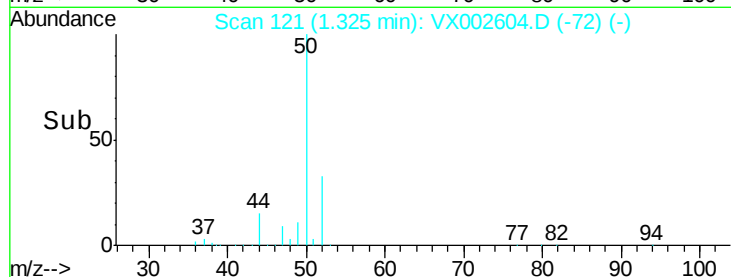
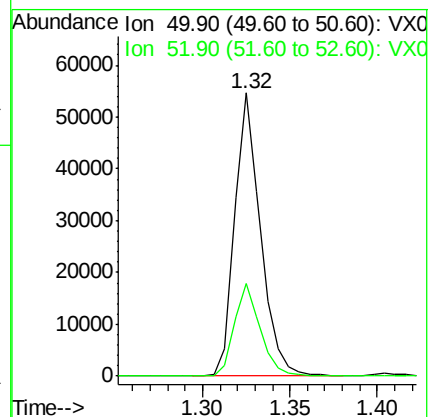
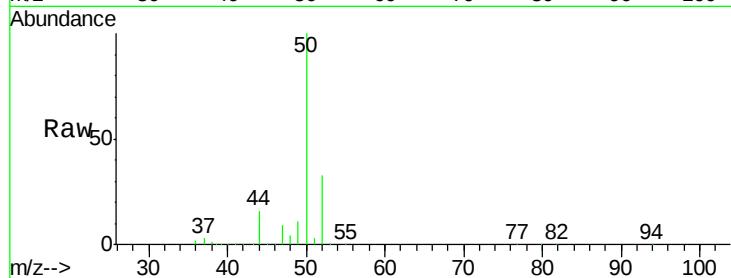
VX0615WBSD01

Tot Ion: 50 Resp: 56251

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



#4

Vinyl Chloride

Concen: 20.00 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002604.D

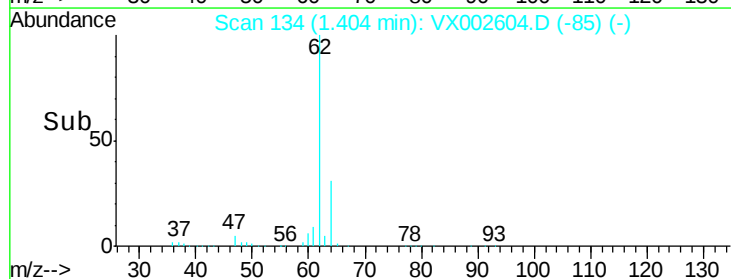
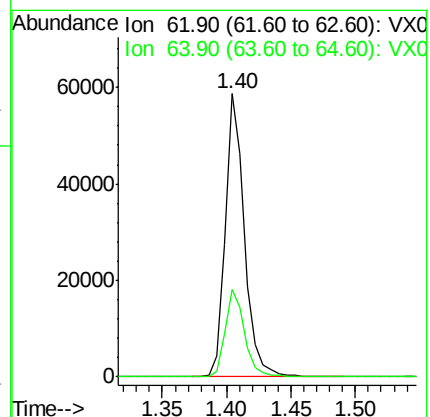
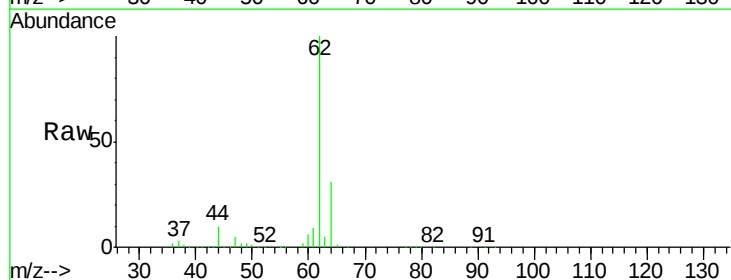
Acq: 15 Jun 2018 18:50

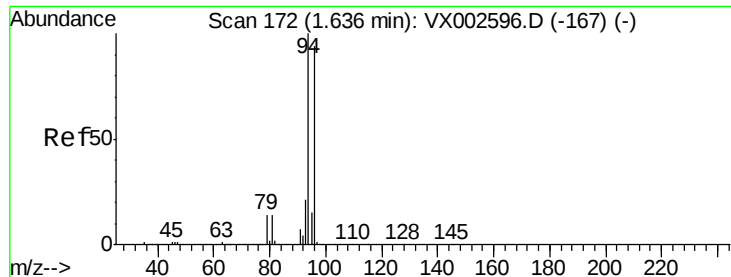
Tgt Ion: 62 Resp: 61485

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2





#5

Bromomethane

Concen: 22.15 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

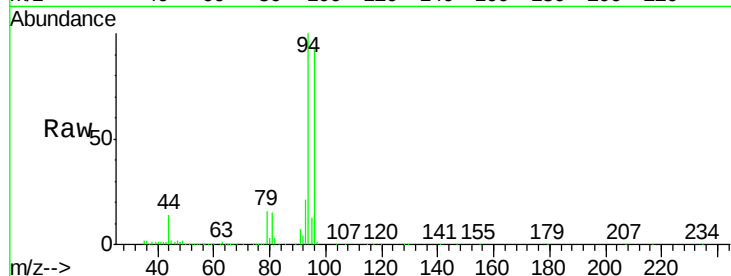
VX0615WBSD01

Tot Ion: 94 Resp: 41083

Ion Ratio Lower Upper

94 100

96 93.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

20000

10000

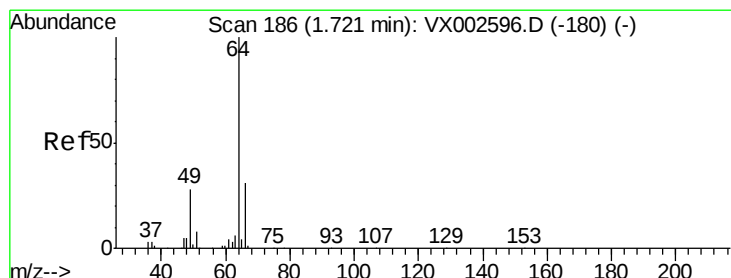
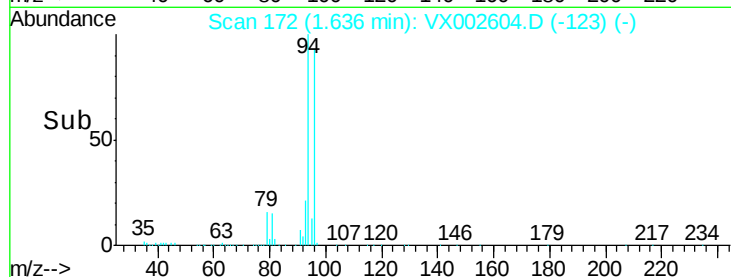
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Time-->

1.50

1.60

1.70



#6

Chloroethane

Concen: 19.22 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002604.D

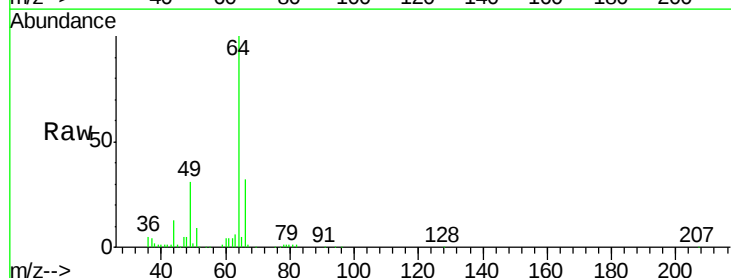
Acq: 15 Jun 2018 18:50

Tgt Ion: 64 Resp: 38954

Ion Ratio Lower Upper

64 100

66 31.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

25000

20000

15000

10000

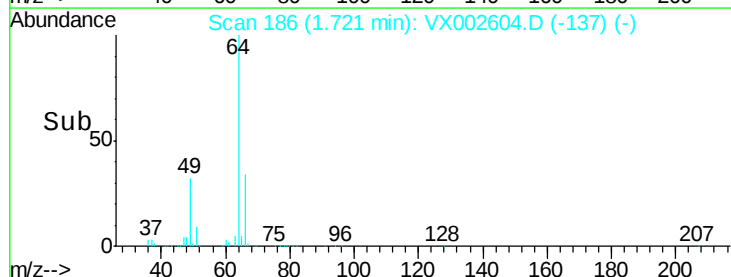
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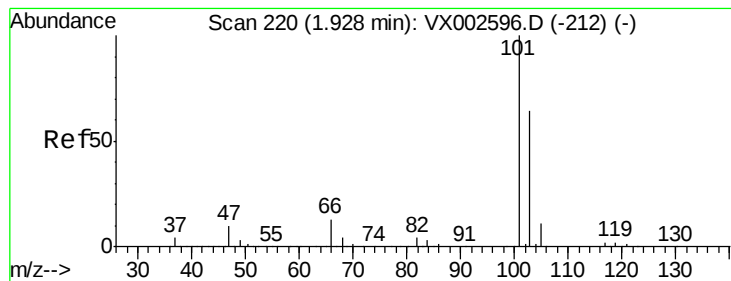
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Time-->

1.70

1.80



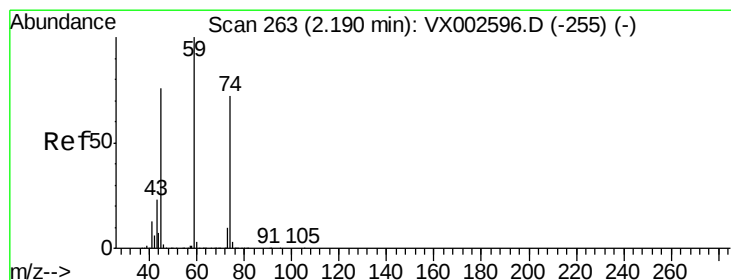
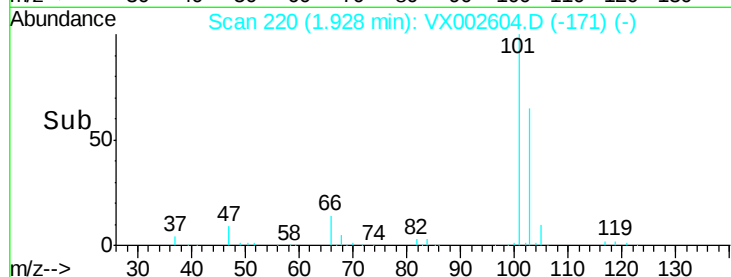
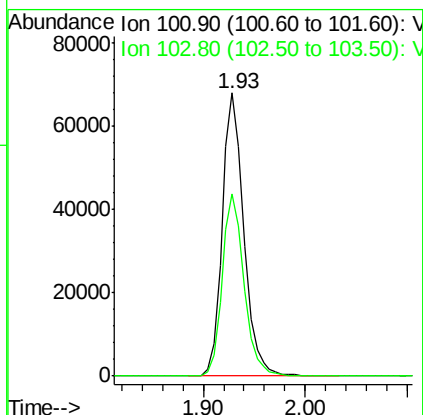
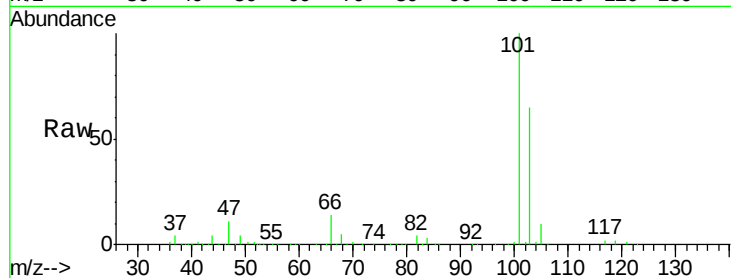


#7

Trichlorofluoromethane
 Concen: 20.01 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

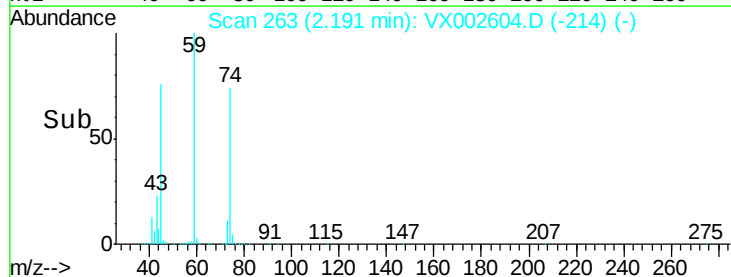
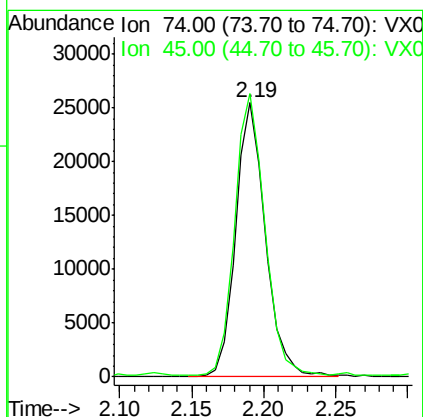
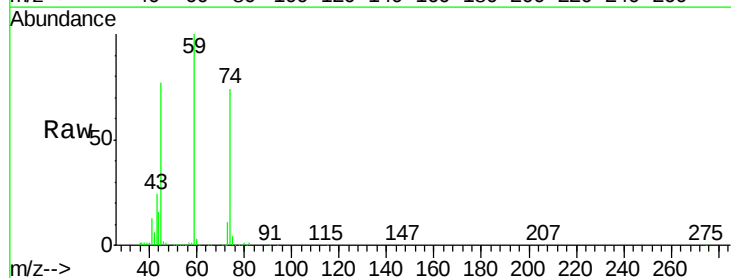
Tot Ion:101 Resp: 99927
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.8 79.2

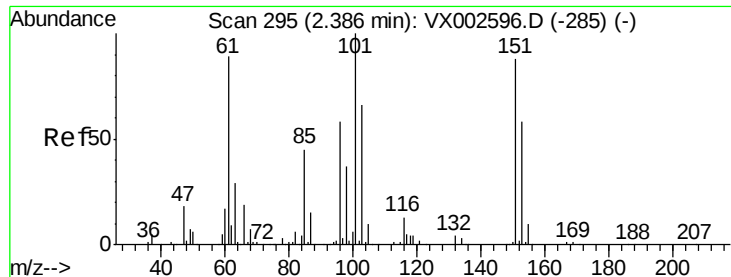


#8

Diethyl Ether
 Concen: 19.24 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

Tgt Ion: 74 Resp: 36544
 Ion Ratio Lower Upper
 74 100
 45 103.5 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.80 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

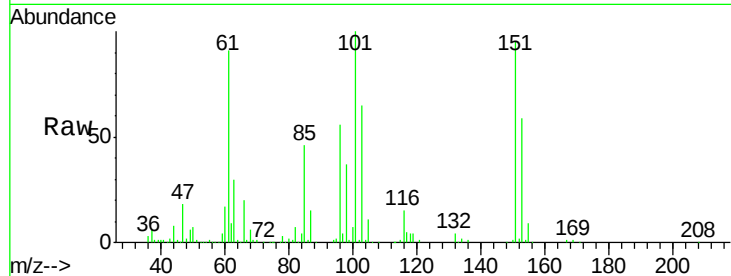
Tot Ion:101 Resp: 55286

Ion Ratio Lower Upper

101 100

85 47.1 36.0 54.0

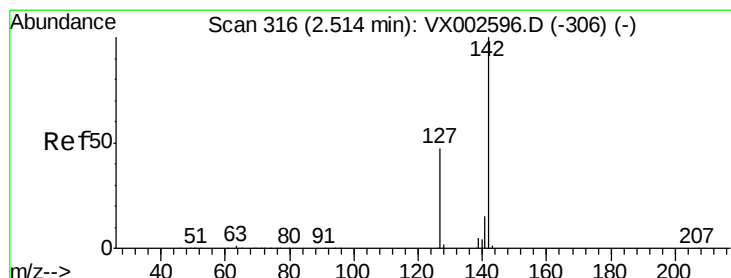
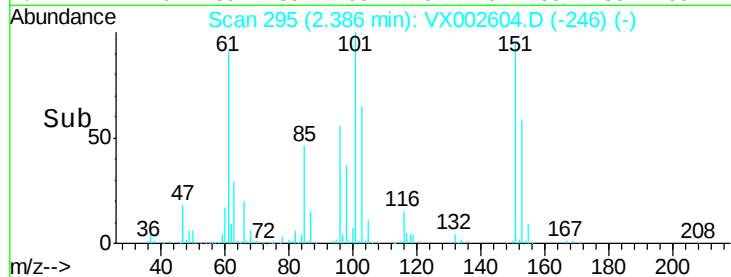
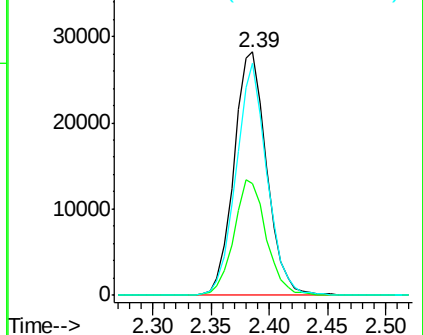
151 90.3 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.62 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

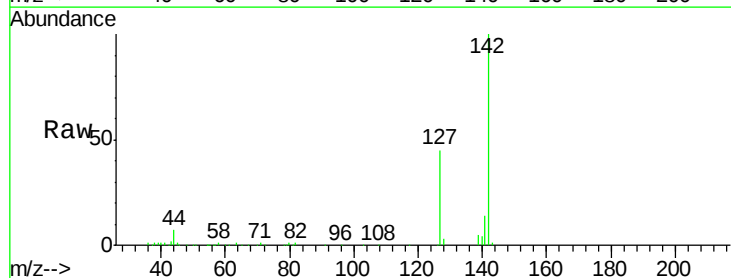
Tgt Ion:142 Resp: 56486

Ion Ratio Lower Upper

142 100

127 48.2 36.6 55.0

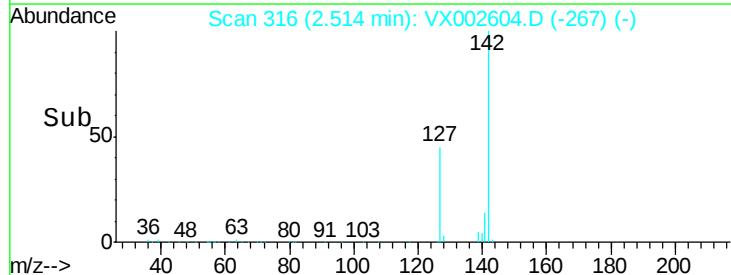
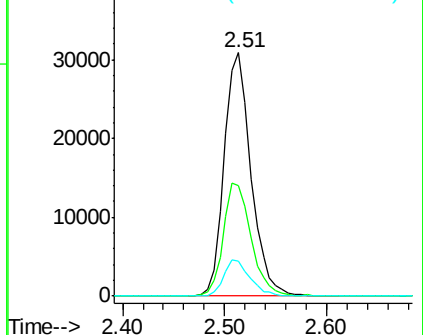
141 14.7 11.3 16.9

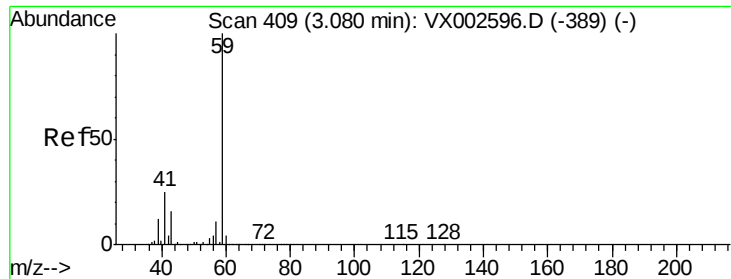


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



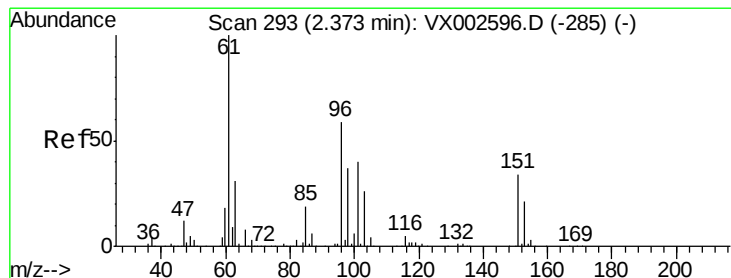
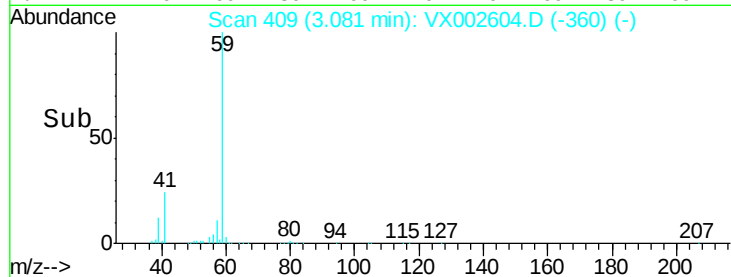
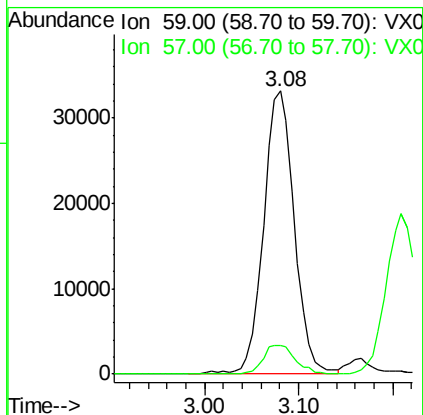
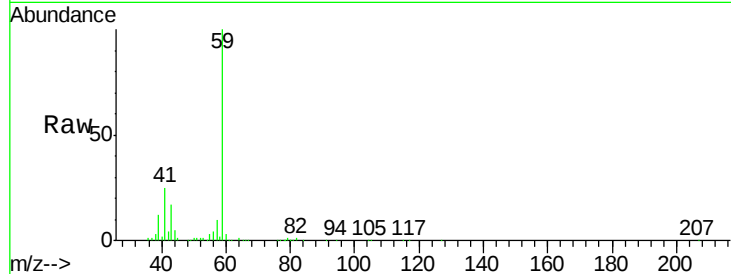


#11

Tert butyl alcohol
 Concen: 102.92 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

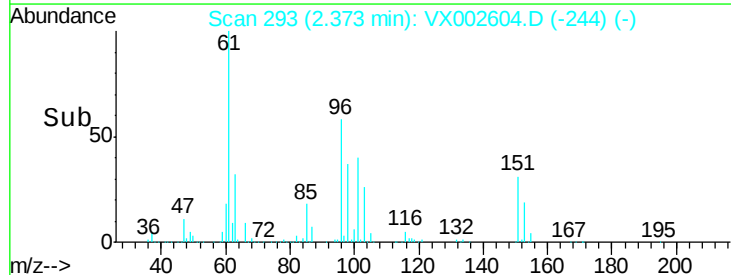
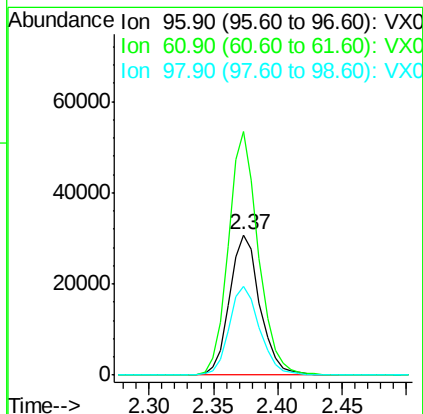
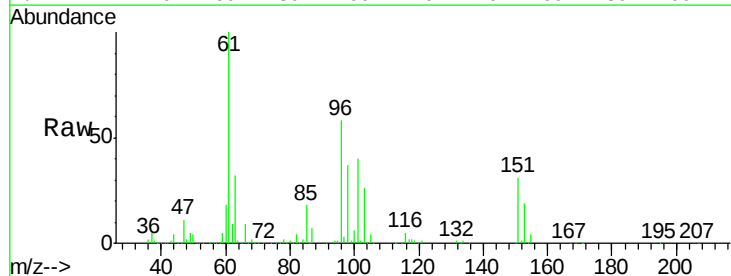
Tot Ion: 59 Resp: 75851
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.2 12.2

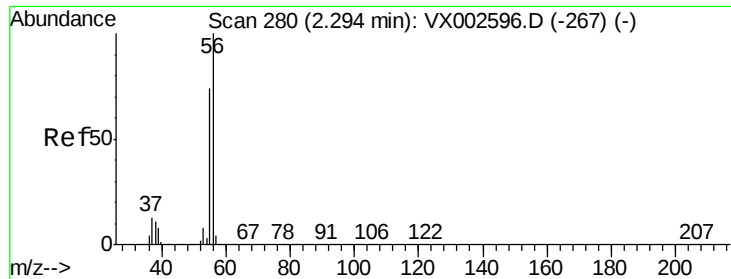


#12

1,1-Dichloroethene
 Concen: 19.38 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

Tgt Ion: 96 Resp: 50792
 Ion Ratio Lower Upper
 96 100
 61 173.5 137.9 206.9
 98 63.4 51.6 77.4





#13

Acrolein

Concen: 95.61 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

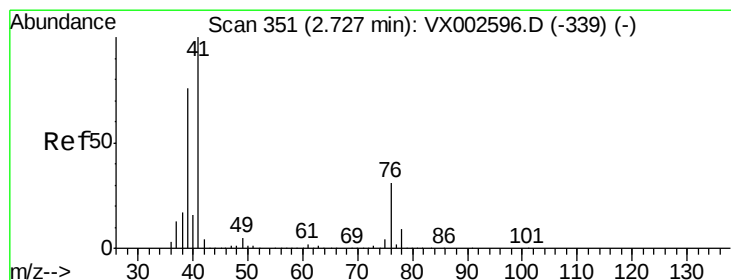
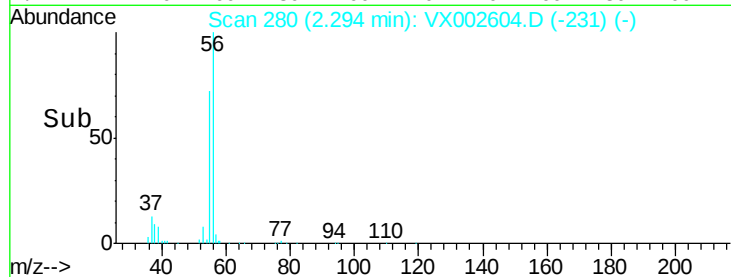
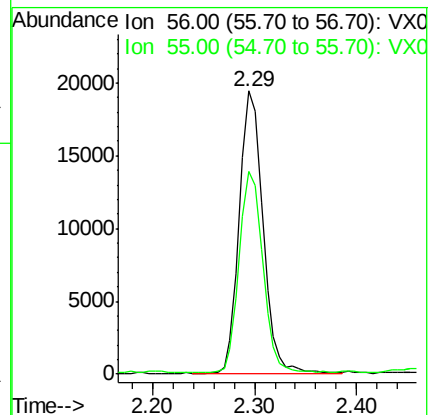
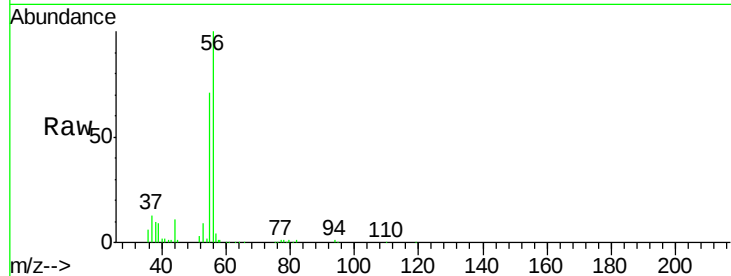
VX0615WBSD01

Tot Ion: 56 Resp: 31526

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 19.52 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

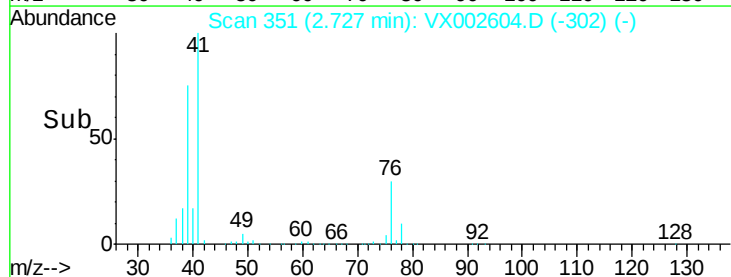
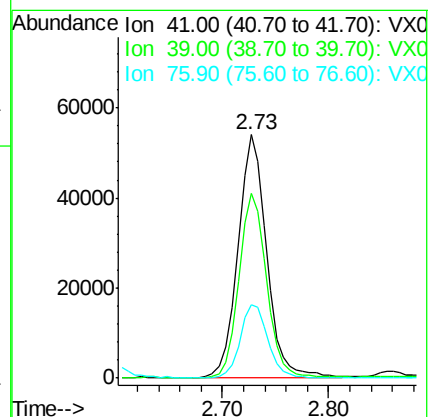
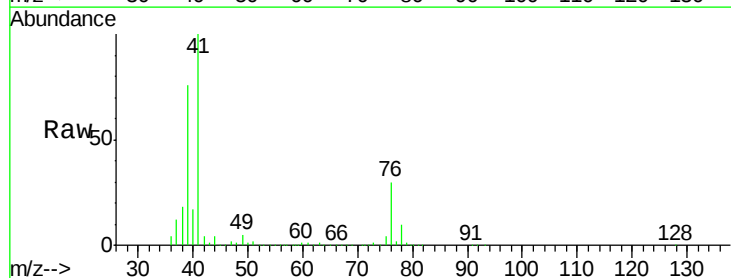
Tgt Ion: 41 Resp: 101598

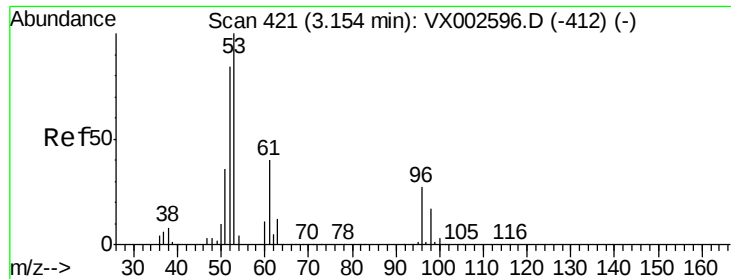
Ion Ratio Lower Upper

41 100

39 73.0 56.8 85.2

76 29.5 23.8 35.8





#15

Acrylonitrile

Concen: 99.86 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

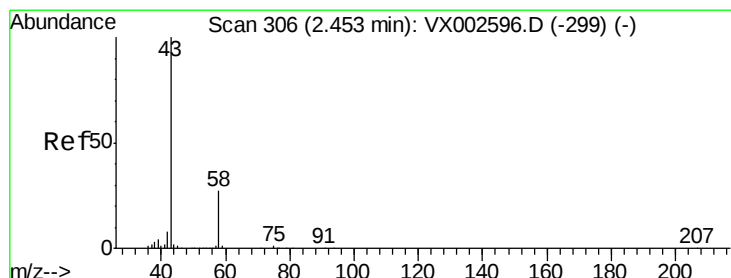
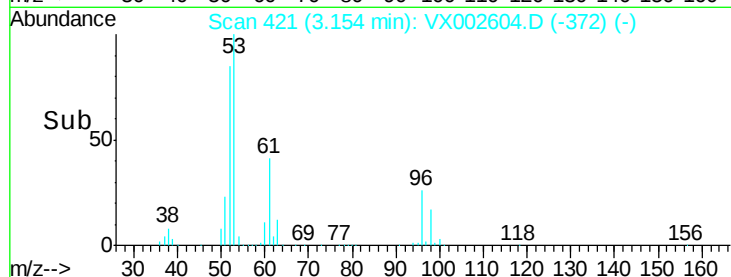
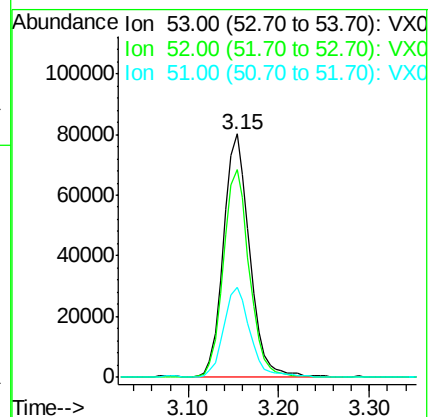
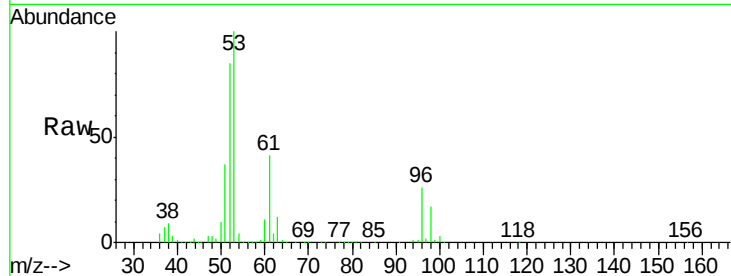
Tot Ion: 53 Resp: 160599

Ion Ratio Lower Upper

53 100

52 84.6 66.7 100.1

51 37.4 29.9 44.9



#16

Acetone

Concen: 93.08 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002604.D

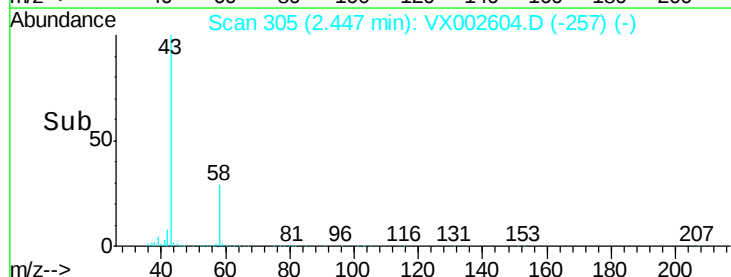
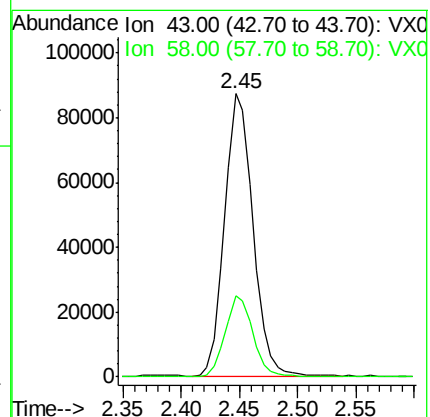
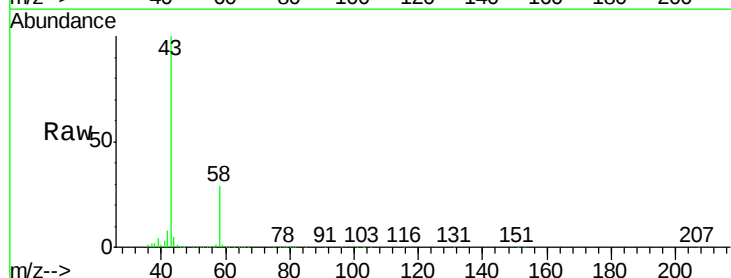
Acq: 15 Jun 2018 18:50

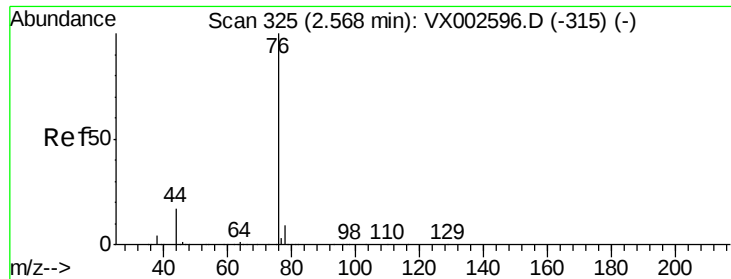
Tgt Ion: 43 Resp: 146395

Ion Ratio Lower Upper

43 100

58 28.6 22.1 33.1

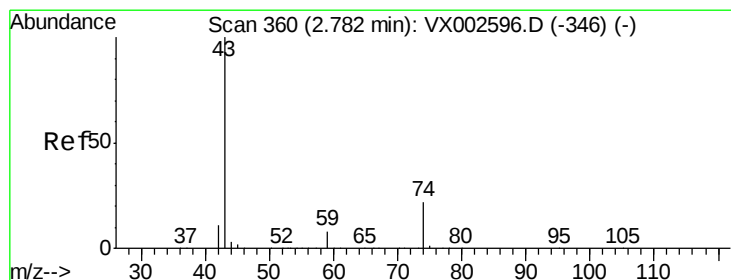
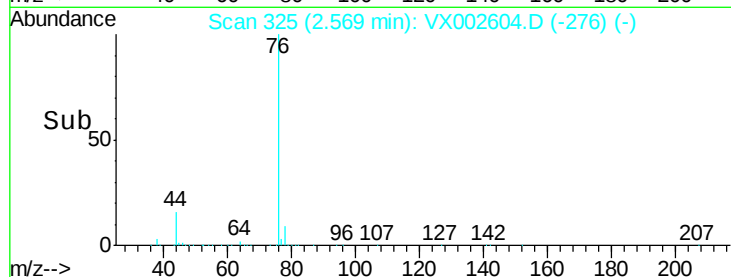
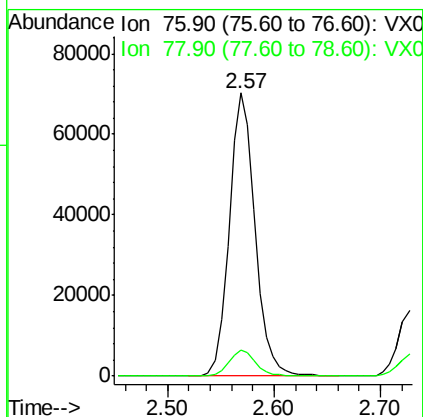
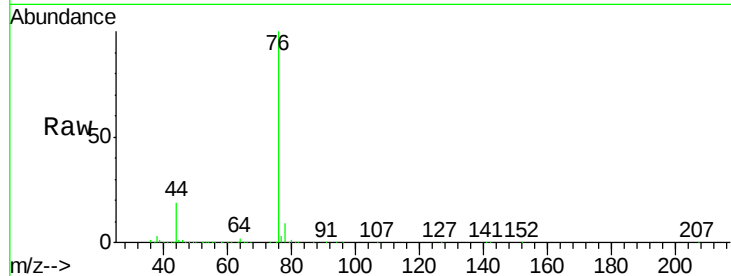




#17
Carbon Disulfide
Concen: 19.14 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

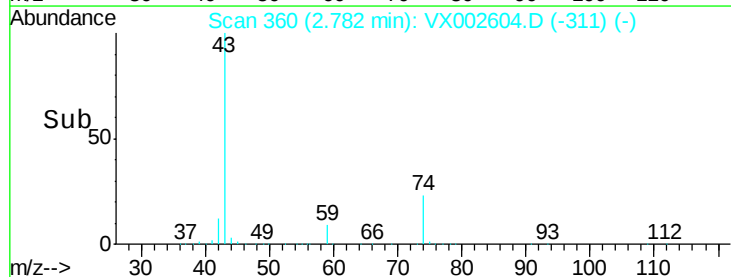
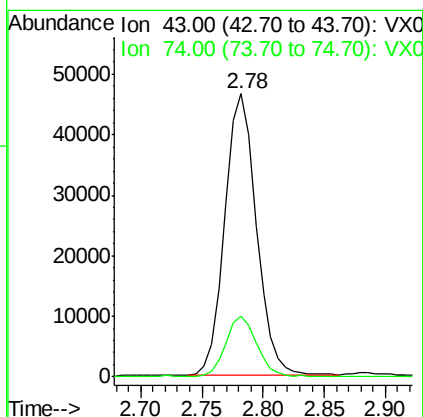
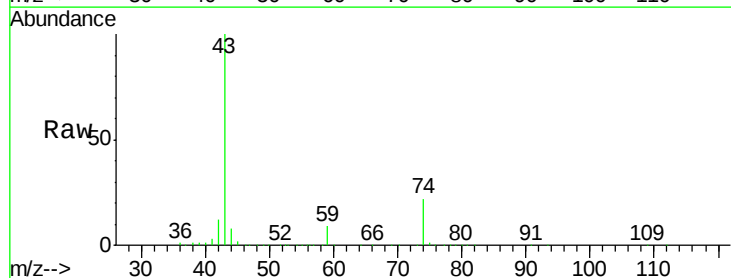
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

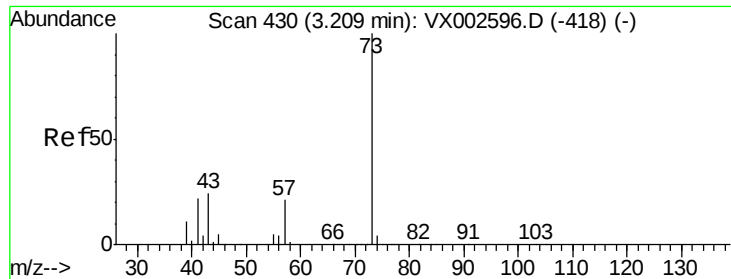
Tot Ion: 76 Resp: 118982
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 20.03 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion: 43 Resp: 83945
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1

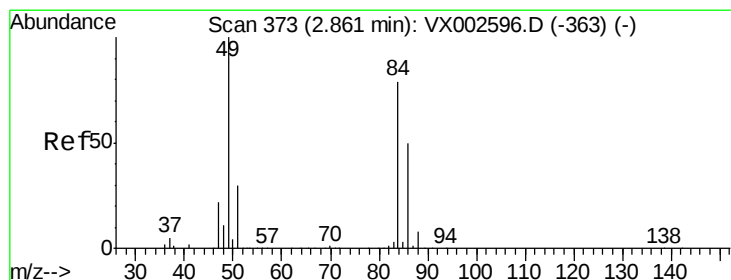
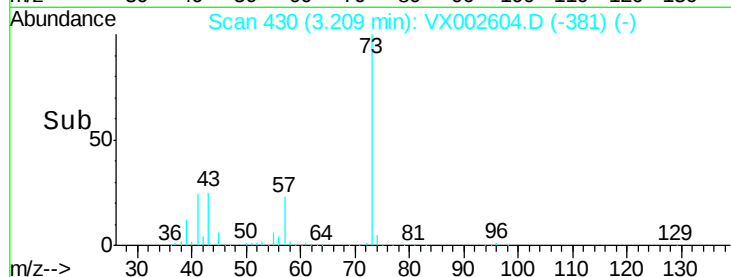
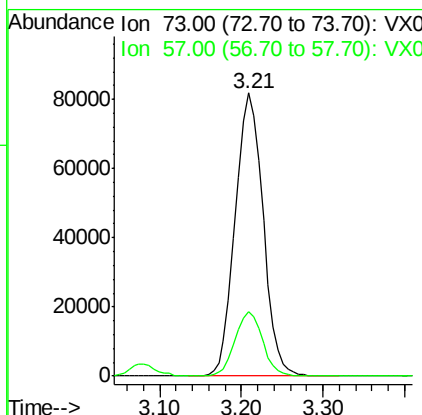
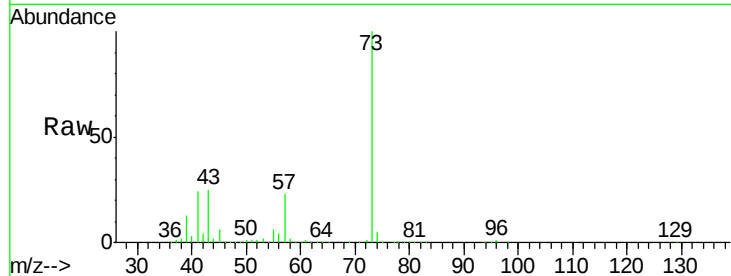




#19
Methvl tert-butvl Ether
Concen: 19.73 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

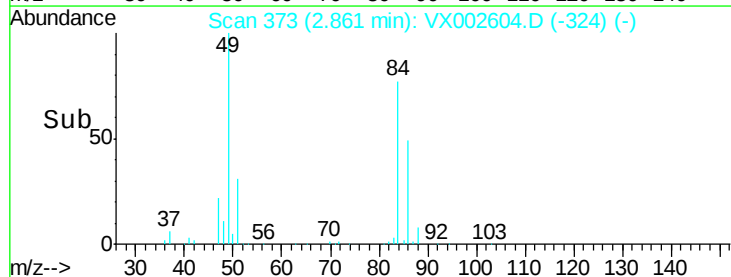
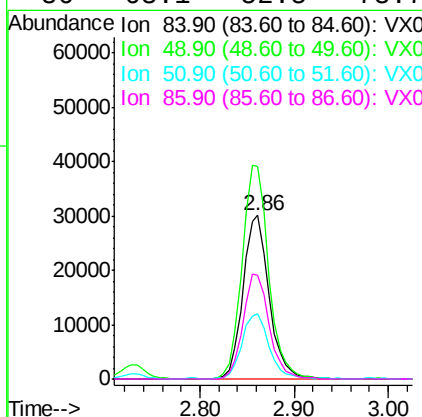
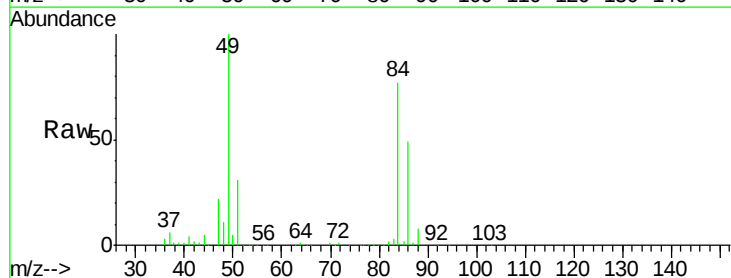
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

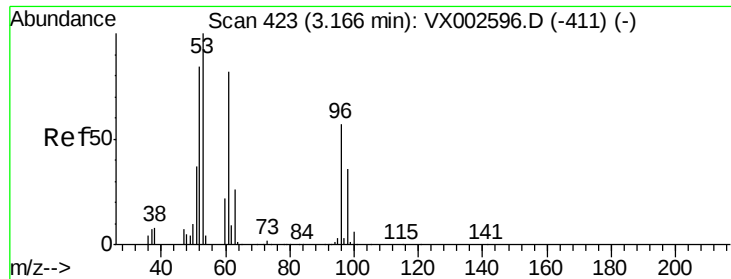
Tot Ion: 73 Resp: 193969
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5



#20
Methylene Chloride
Concen: 18.11 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion: 84 Resp: 58413
Ion Ratio Lower Upper
84 100
49 129.8 107.8 161.6
51 39.3 32.8 49.2
86 63.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

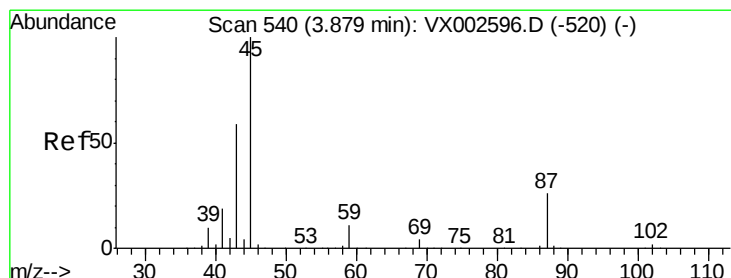
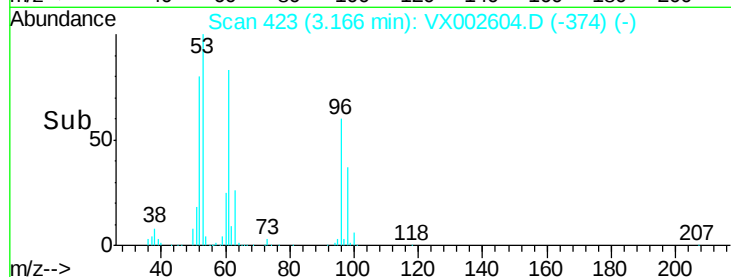
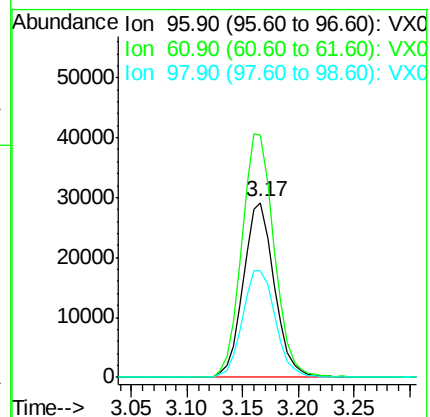
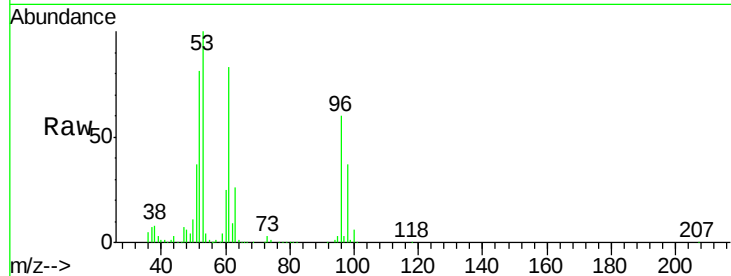
Tot Ion: 96 Resp: 56736

Ion Ratio Lower Upper

96 100

61 137.9 117.0 175.4

98 61.1 52.4 78.6



#22

Diisopropyl ether

Concen: 18.95 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Tgt Ion: 45 Resp: 178463

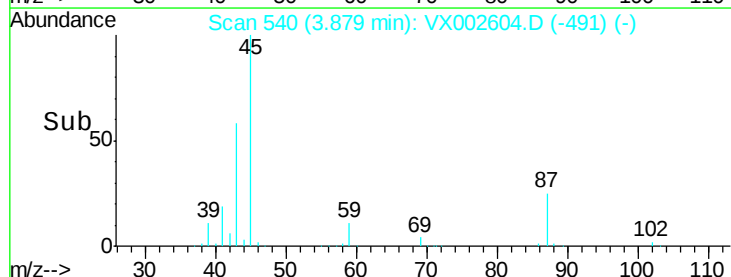
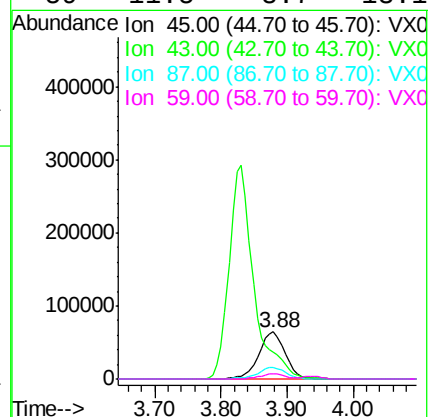
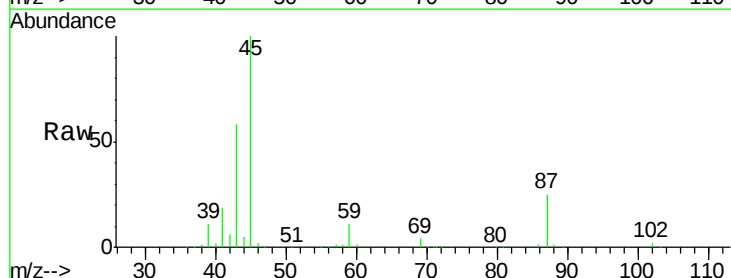
Ion Ratio Lower Upper

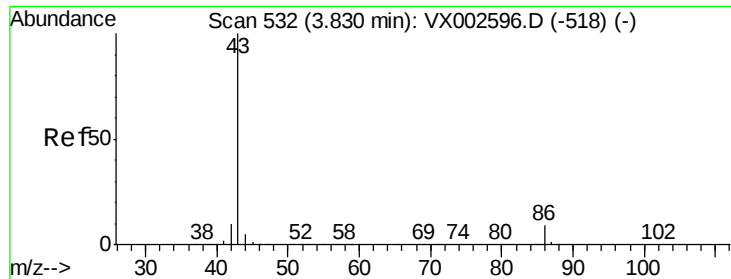
45 100

43 57.9 46.8 70.2

87 25.3 20.2 30.4

59 11.5 8.7 13.1





#23

Vinyl Acetate

Concen: 96.27 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

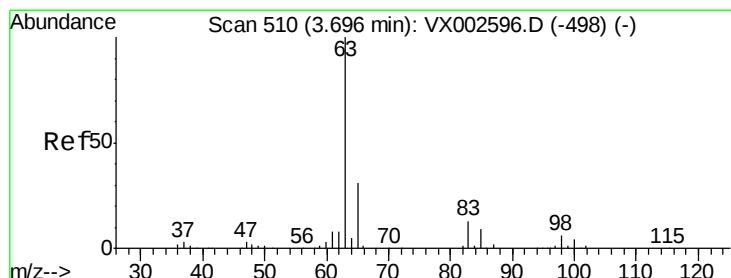
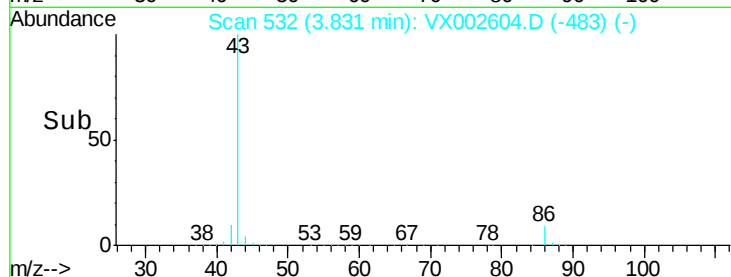
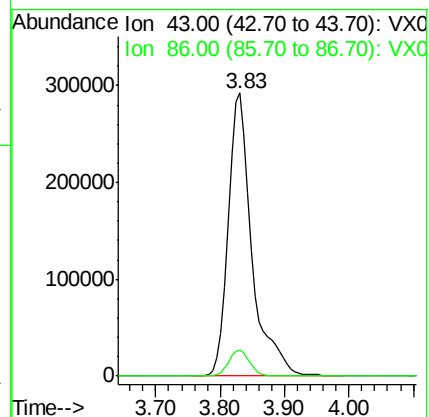
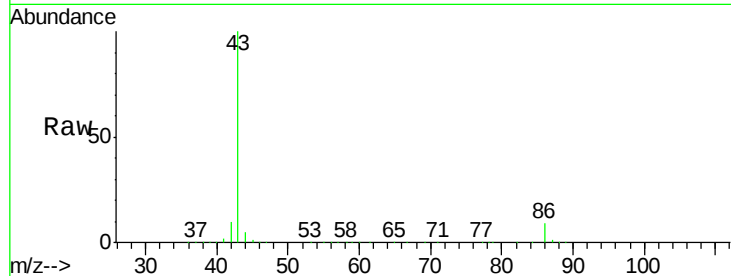
VX0615WBSD01

Tot Ion: 43 Resp: 758747

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.0



#24

1,1-Dichloroethane

Concen: 19.88 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

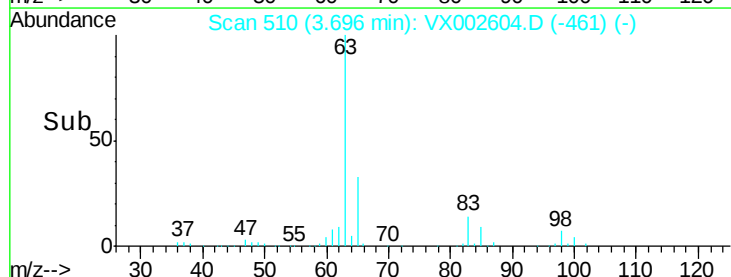
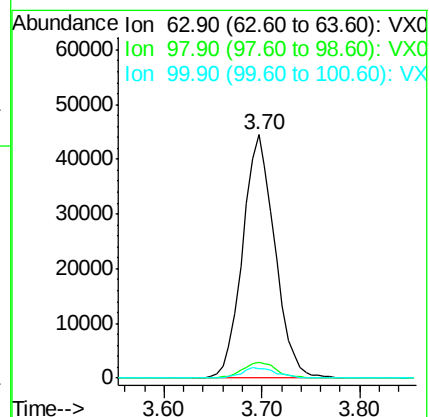
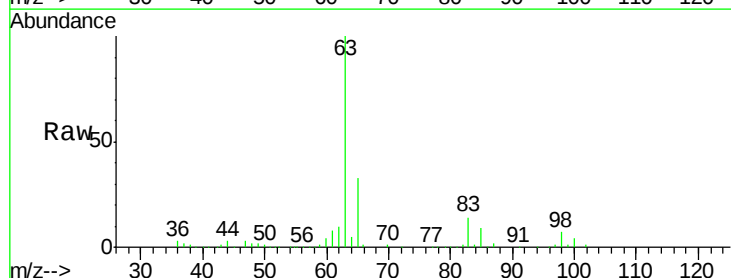
Tgt Ion: 63 Resp: 101623

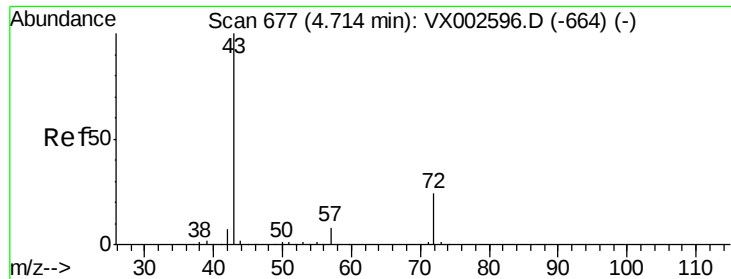
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 100.88 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

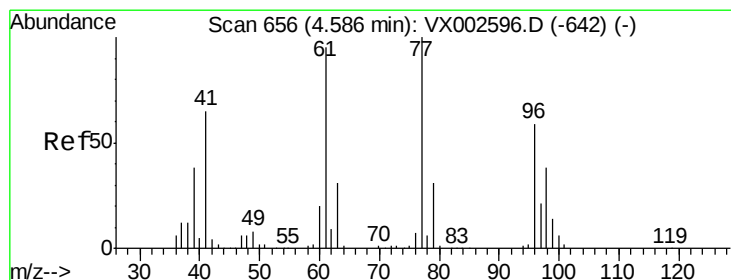
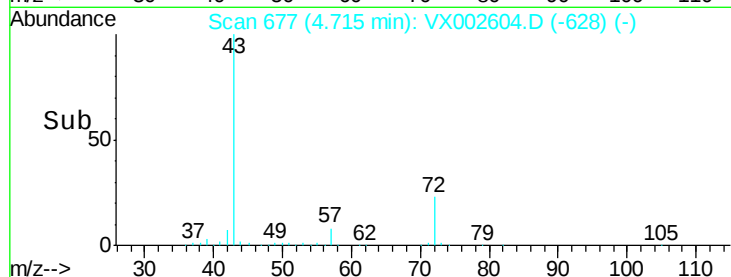
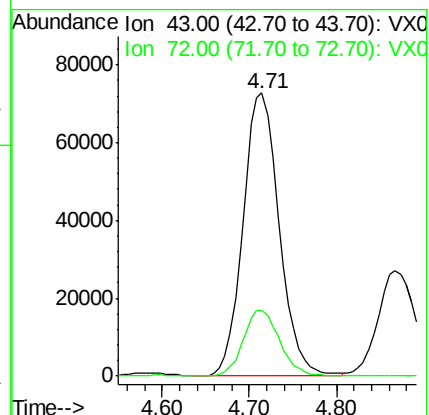
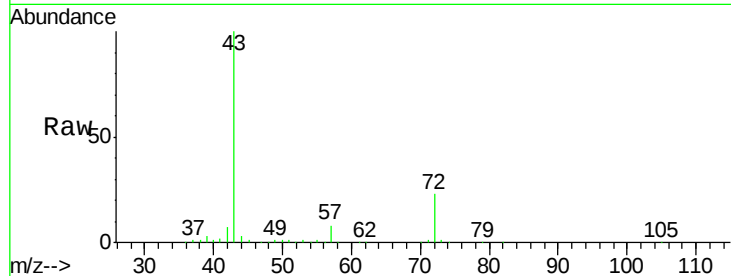
VX0615WBSD01

Tot Ion: 43 Resp: 208372

Ion Ratio Lower Upper

43 100

72 23.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.54 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002604.D

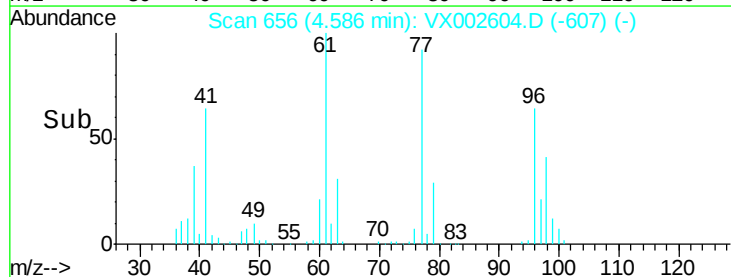
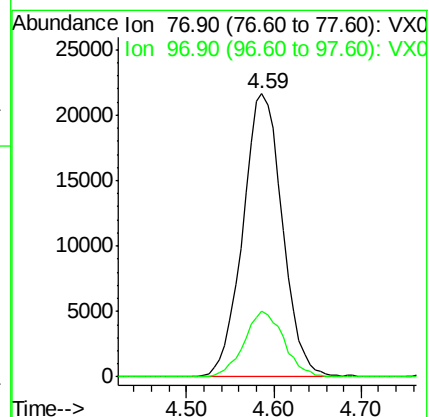
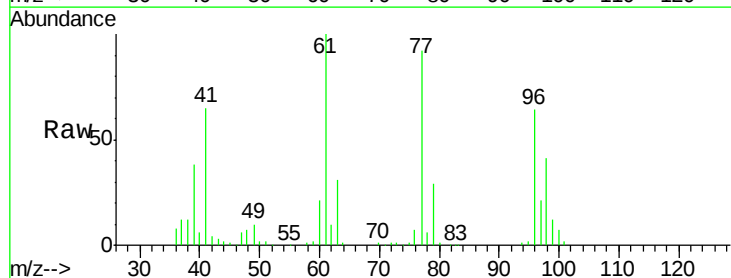
Acq: 15 Jun 2018 18:50

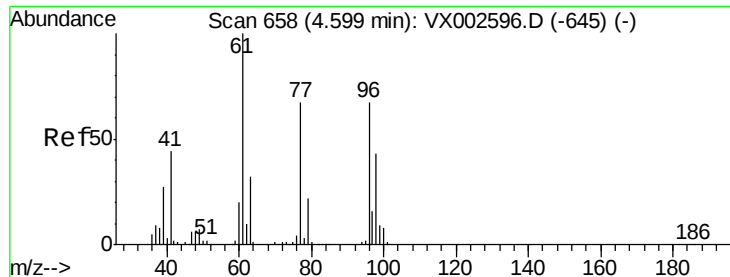
Tgt Ion: 77 Resp: 68098

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5



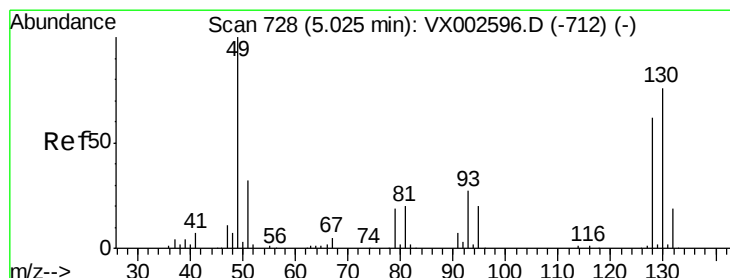
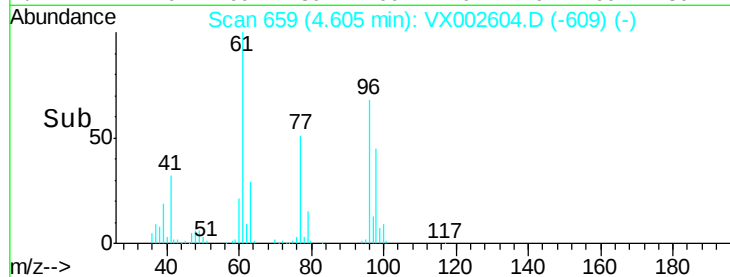
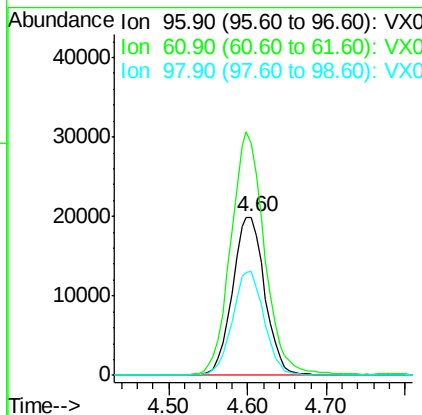
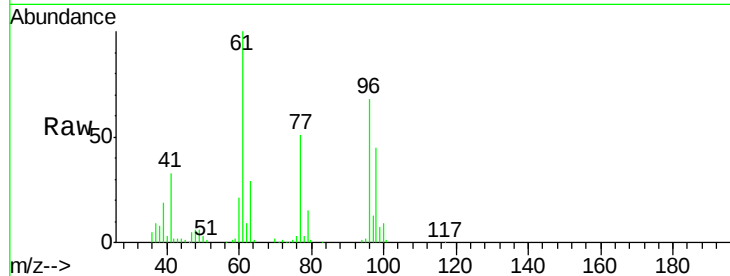


#27

cis-1,2-Dichloroethene
Concen: 19.56 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

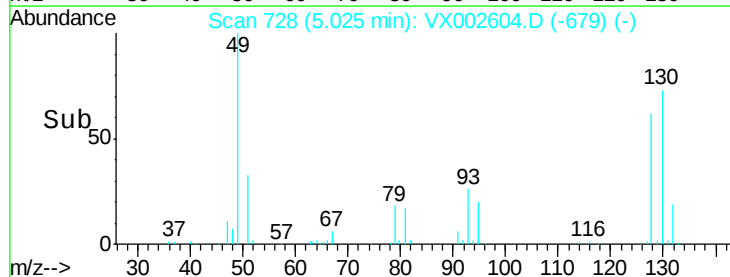
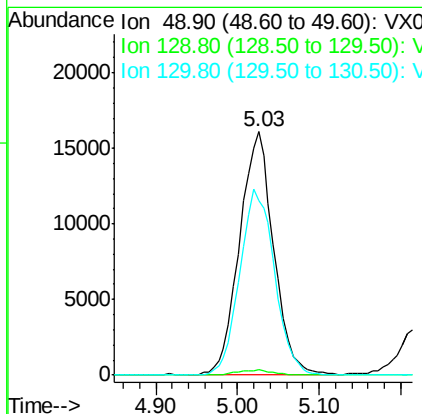
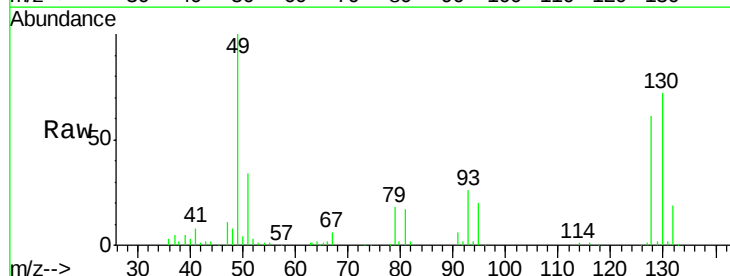
Tot Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	330.2
98	64.5	0.0	130.2

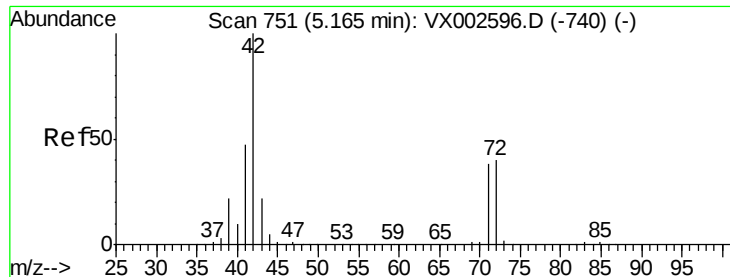


#28

Bromochloromethane
Concen: 19.54 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	78.1	61.2	91.8





#29

Tetrahydrofuran

Concen: 100.84 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

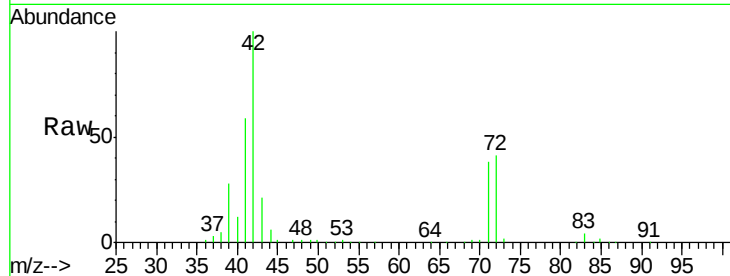
Tot Ion: 42 Resp: 136505

Ion Ratio Lower Upper

42 100

72 41.2 32.0 48.0

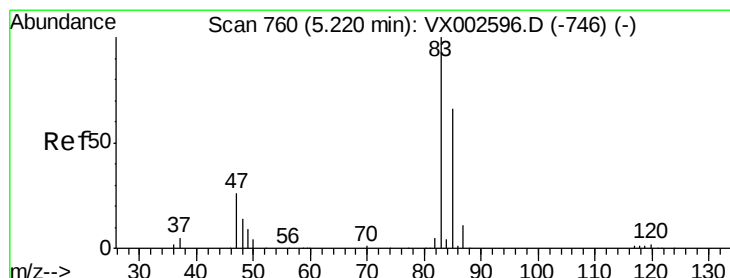
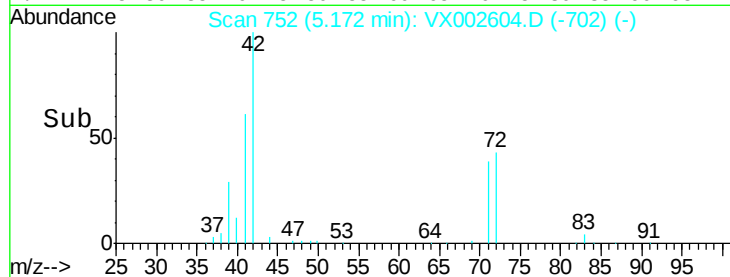
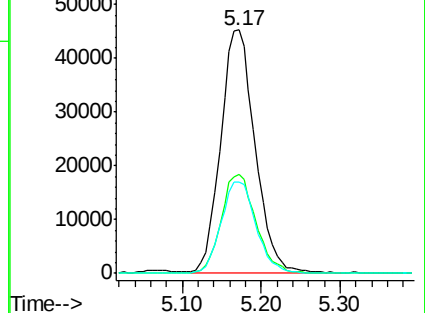
71 38.4 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.79 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002604.D

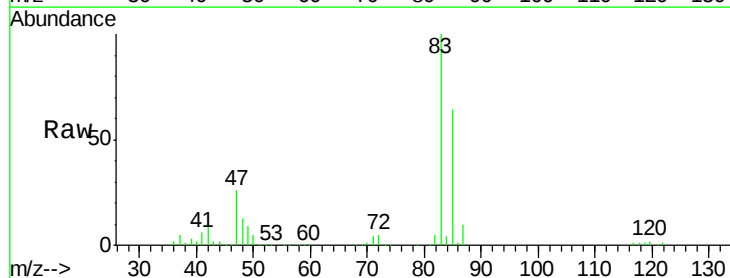
Acq: 15 Jun 2018 18:50

Tgt Ion: 83 Resp: 97517

Ion Ratio Lower Upper

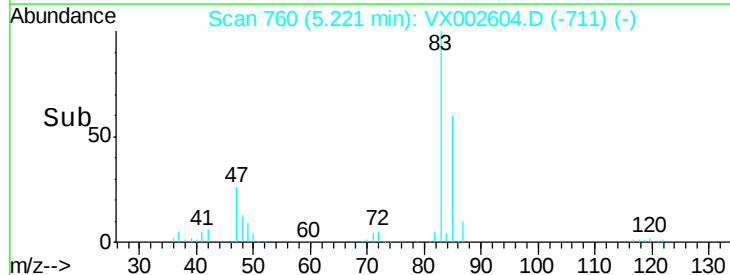
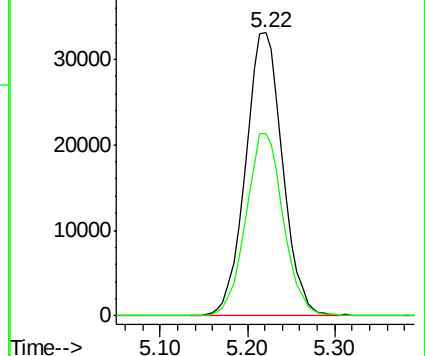
83 100

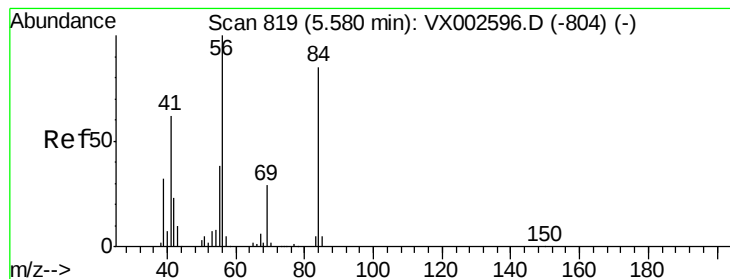
85 64.4 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.84 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

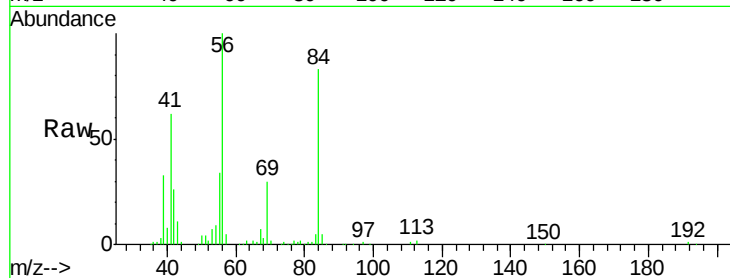
Tot Ion: 56 Resp: 83475

Ion Ratio Lower Upper

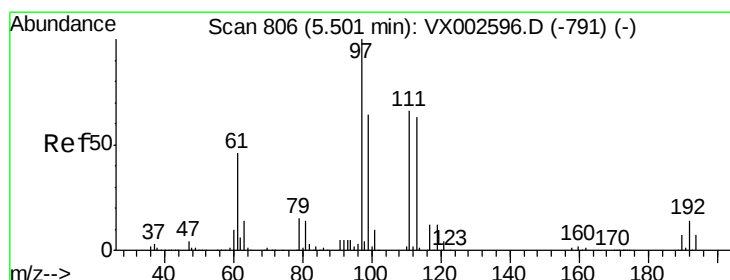
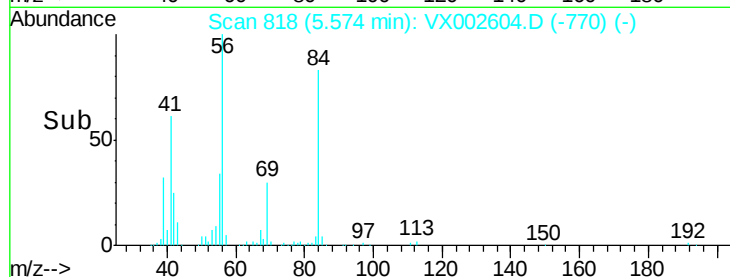
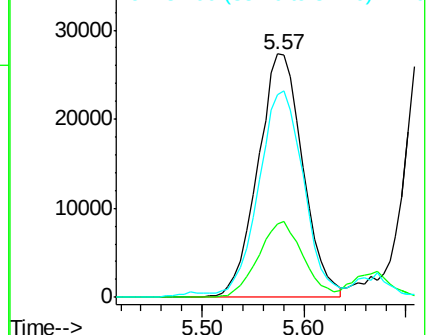
56 100

69 30.3 23.7 35.5

84 81.3 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 20.18 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

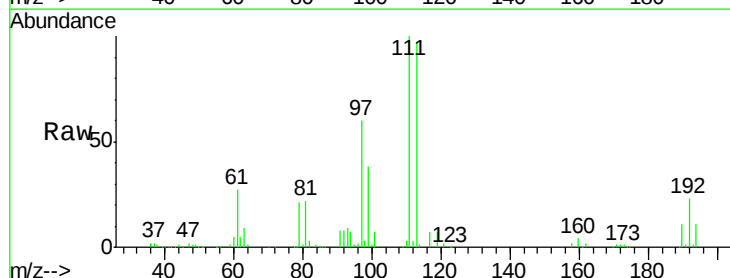
Tgt Ion: 97 Resp: 83170

Ion Ratio Lower Upper

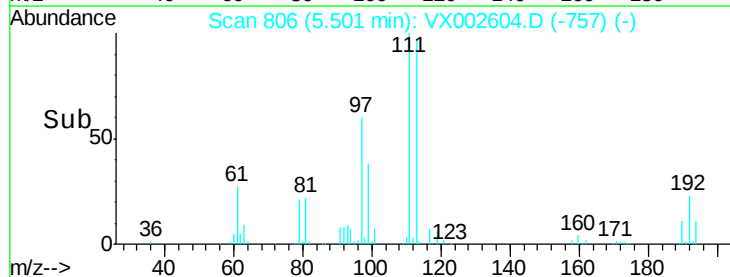
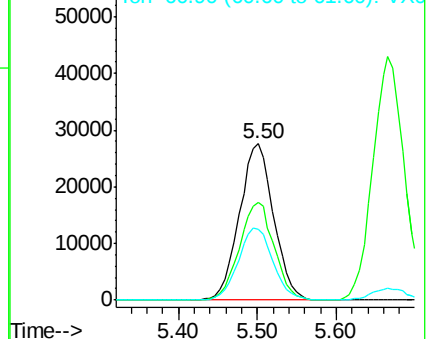
97 100

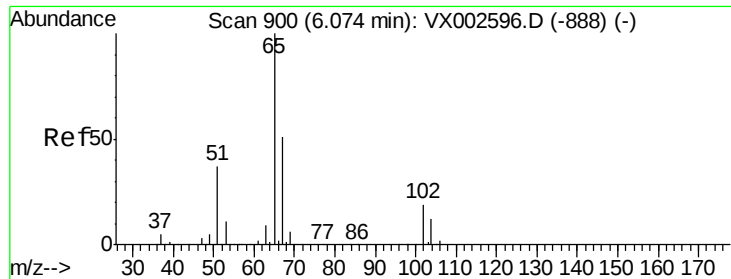
99 63.5 51.6 77.4

61 46.9 36.4 54.6



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





#33

1,2-Dichloroethane-d4

Concen: 48.05 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

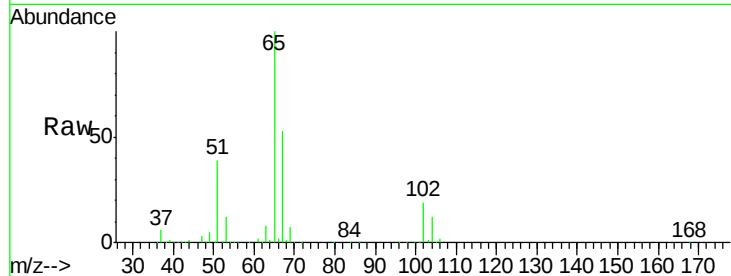
VX0615WBSD01

Tot Ion: 65 Resp: 171310

Ion Ratio Lower Upper

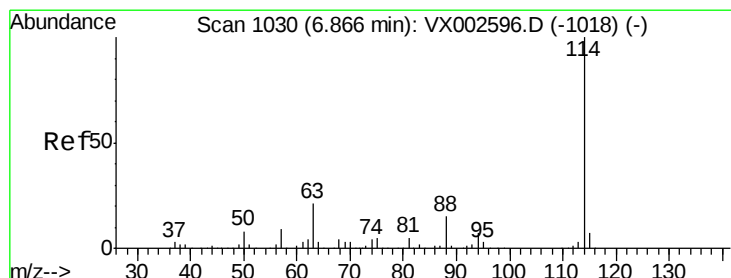
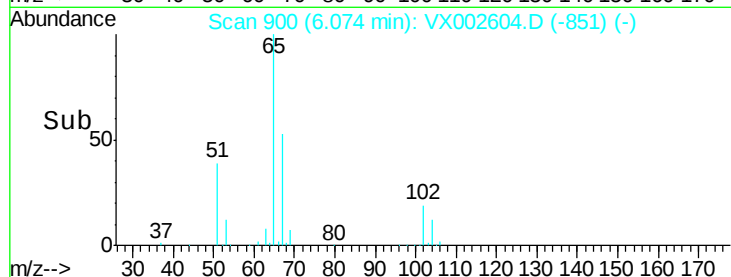
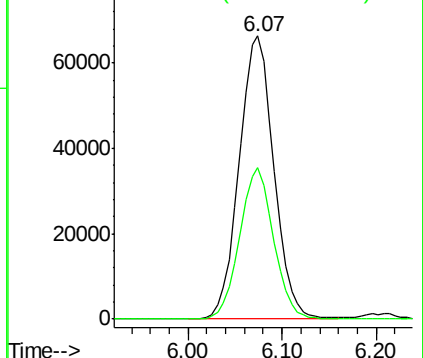
65 100

67 52.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

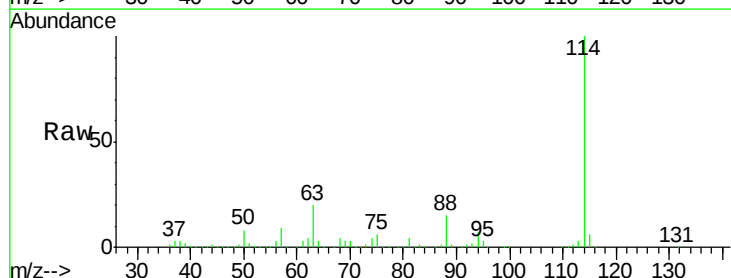
Tgt Ion: 114 Resp: 335294

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

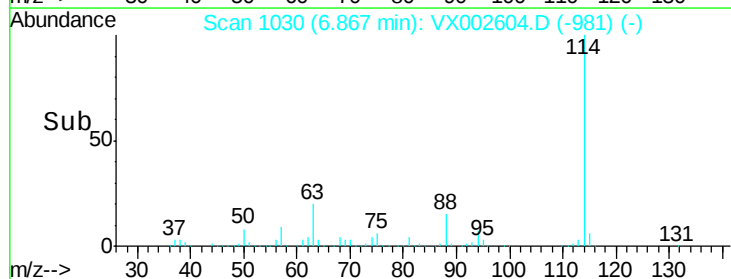
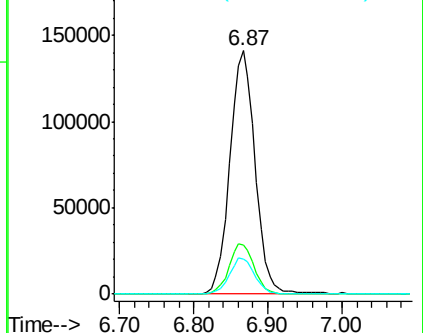
88 14.6 0.0 30.0

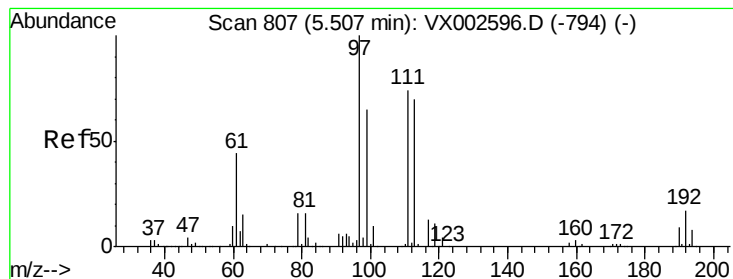


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.70 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

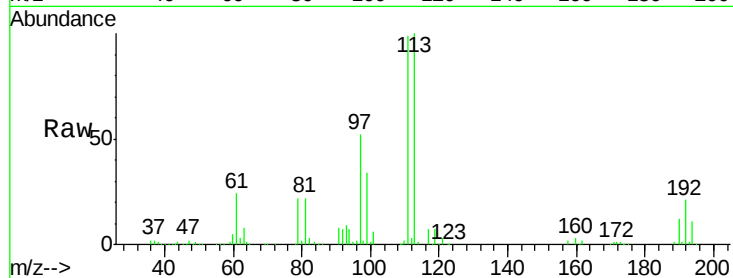
Tot Ion:113 Resp: 132989

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

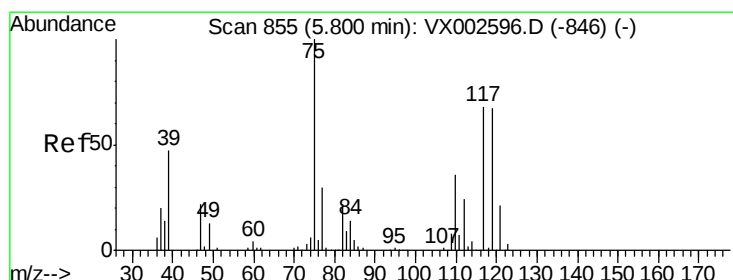
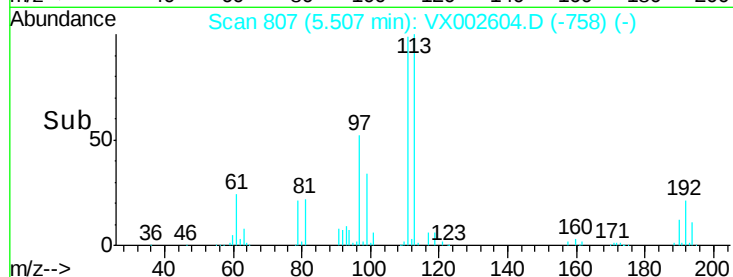
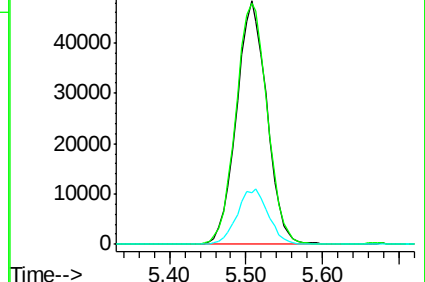
192 23.2 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.63 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

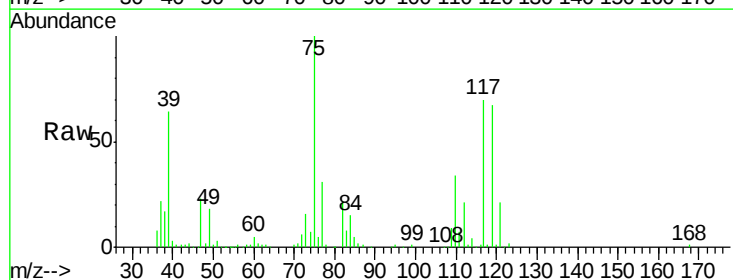
Tgt Ion: 75 Resp: 69912

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.4

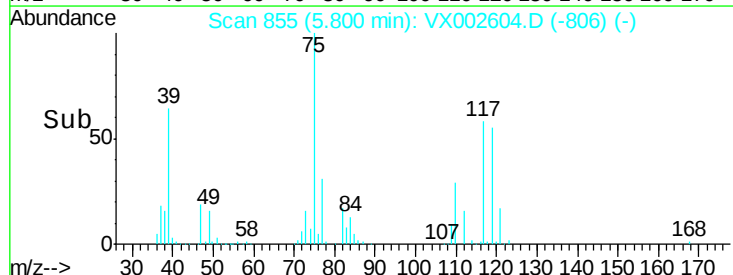
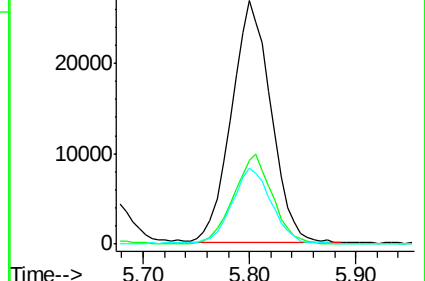
77 31.8 24.3 36.5

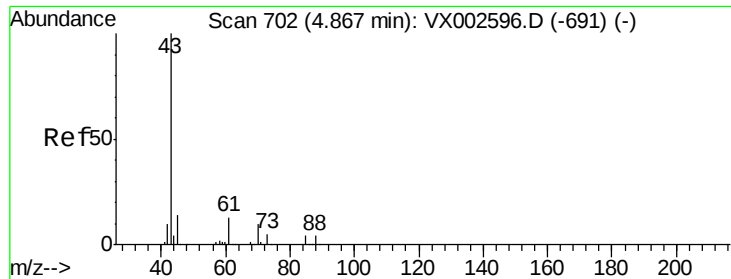


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

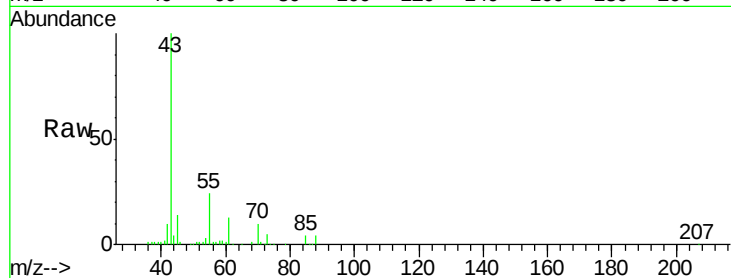




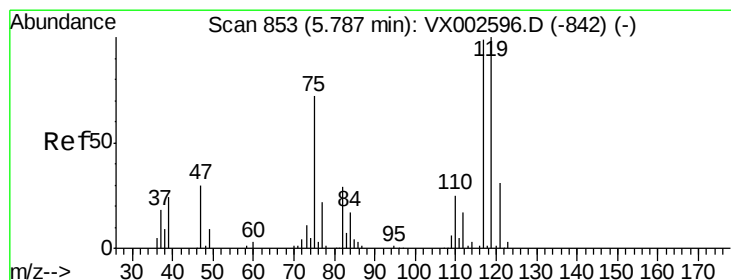
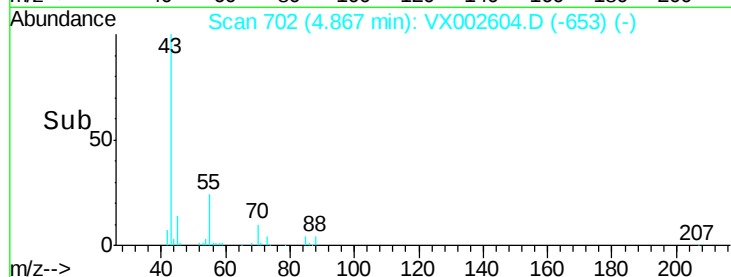
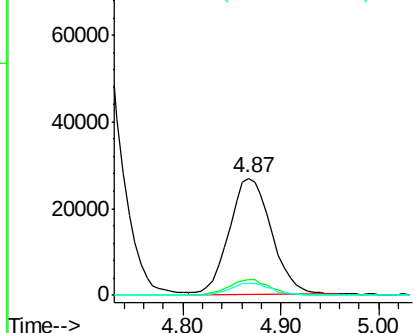
#37
Ethyl Acetate
Concen: 19.84 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Instrument :
MSVOA_X
ClientSampled :
VX0615WBSD01

Tot Ion: 43 Resp: 79984
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 10.2 7.6 11.4

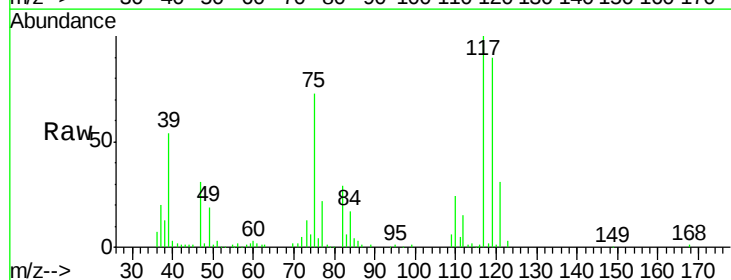


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

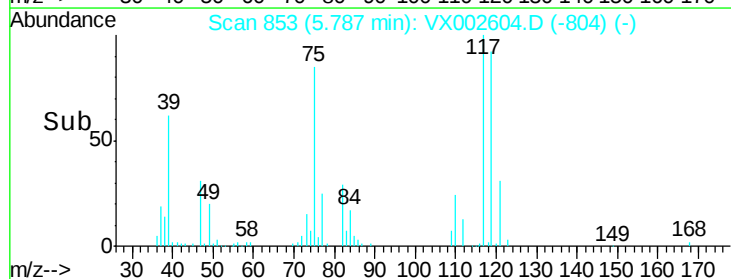
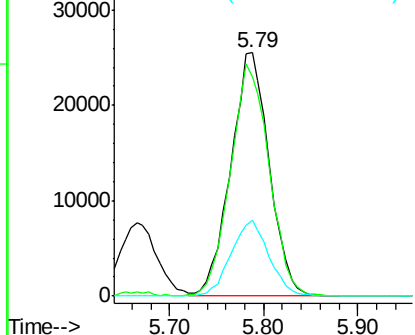


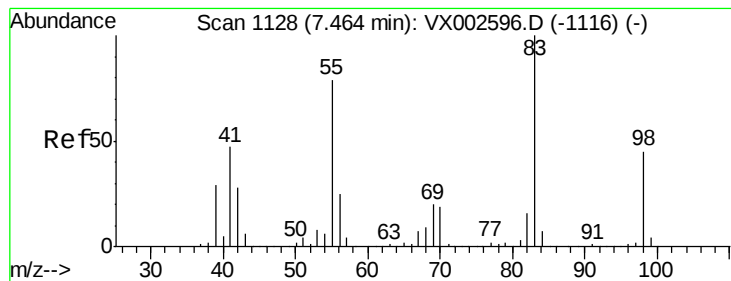
#38
Carbon Tetrachloride
Concen: 20.52 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion: 117 Resp: 72758
Ion Ratio Lower Upper
117 100
119 90.3 77.4 116.0
121 31.0 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 20.40 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

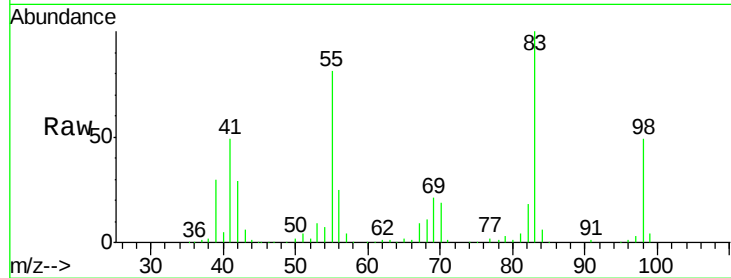
Tot Ion: 83 Resp: 84931

Ion Ratio Lower Upper

83 100

55 81.2 65.4 98.0

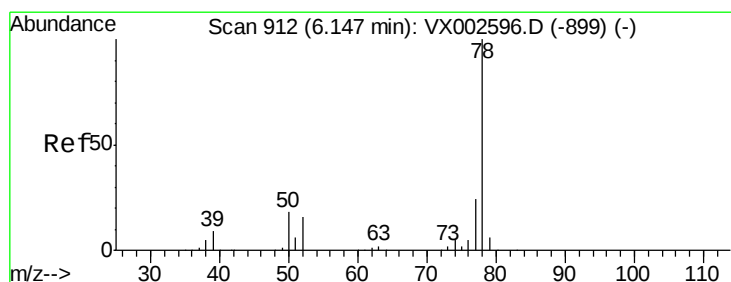
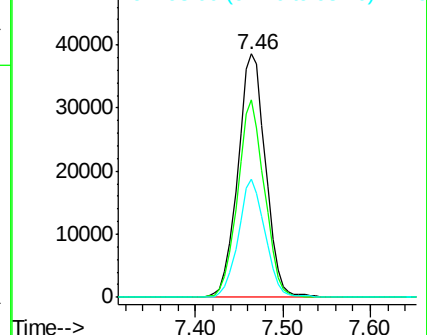
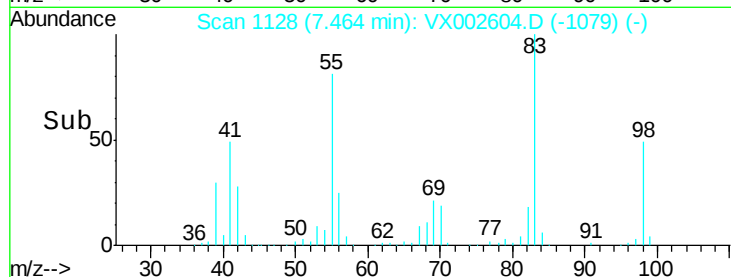
98 48.6 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 19.68 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002604.D

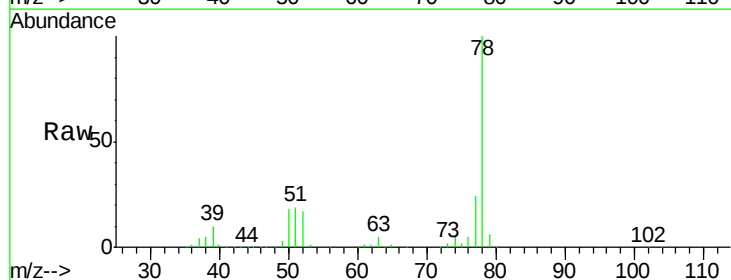
Acq: 15 Jun 2018 18:50

Tgt Ion: 78 Resp: 210110

Ion Ratio Lower Upper

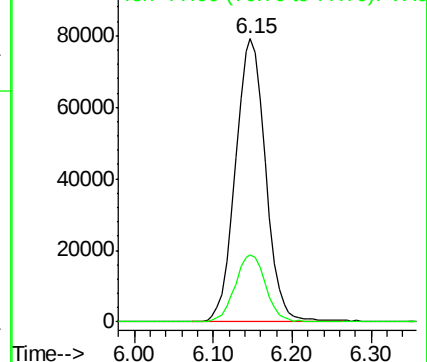
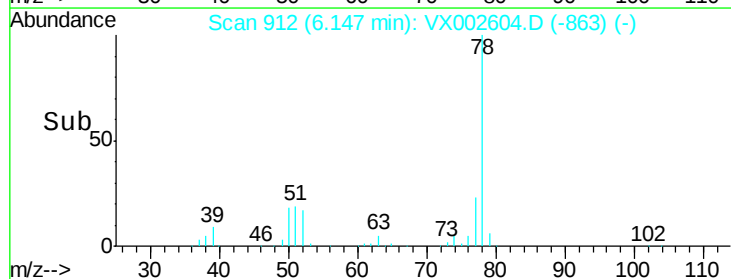
78 100

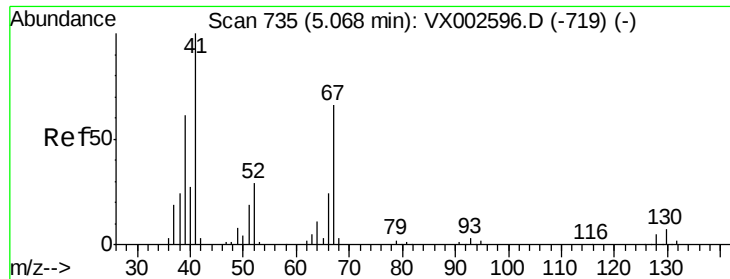
77 23.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

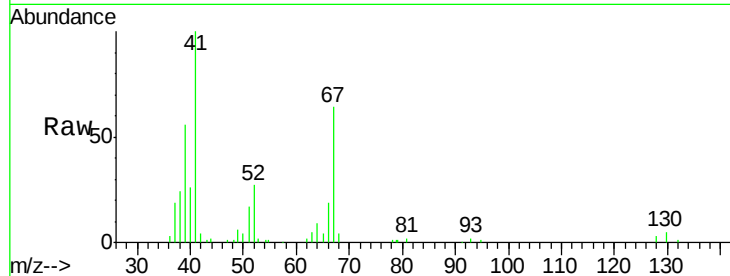




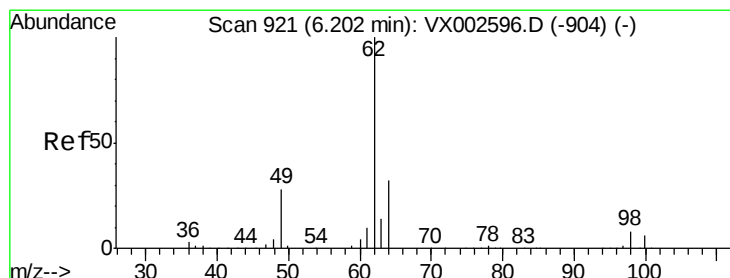
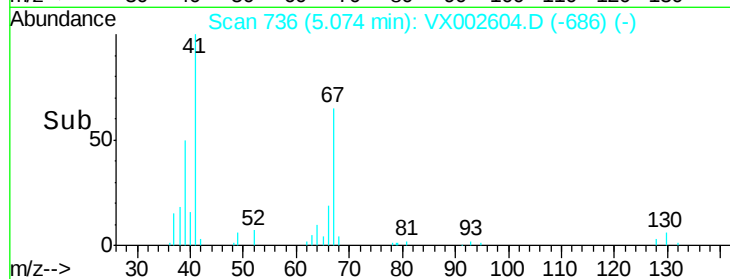
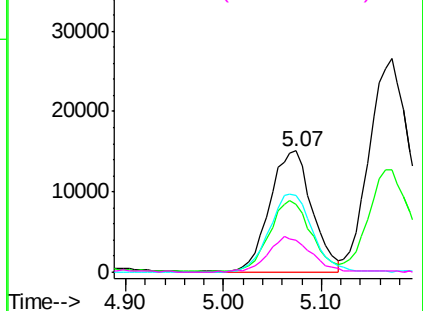
#41
Methacrylonitrile
Concen: 19.91 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion:	41	Resp:	45302
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.8	68.6
67	66.4	51.3	76.9
52	30.4	23.0	34.6

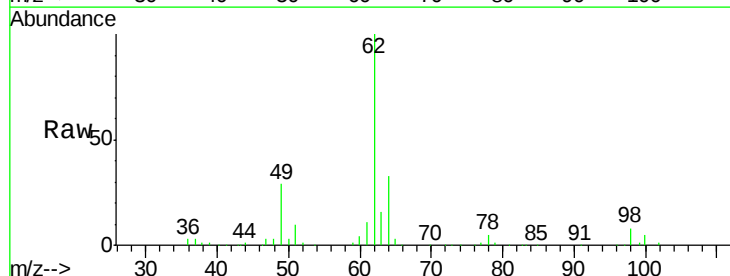


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

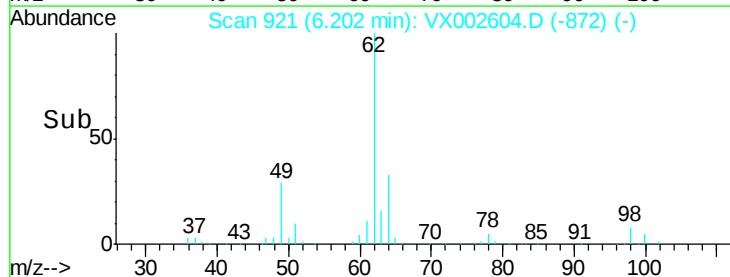
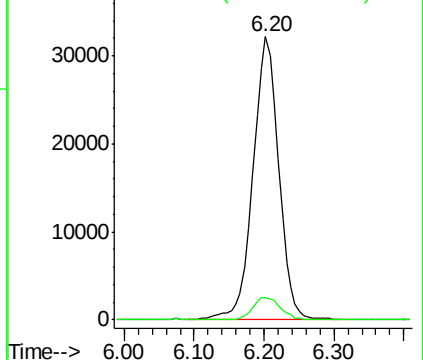


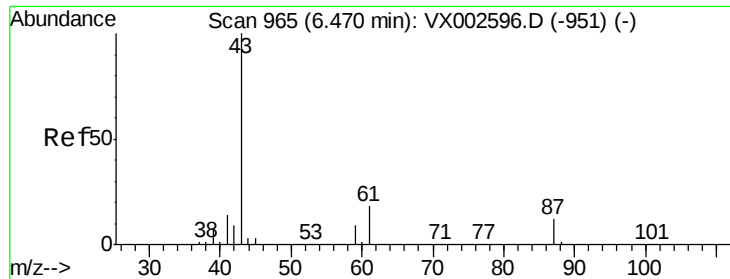
#42
1,2-Dichloroethane
Concen: 19.99 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion:	62	Resp:	82623
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



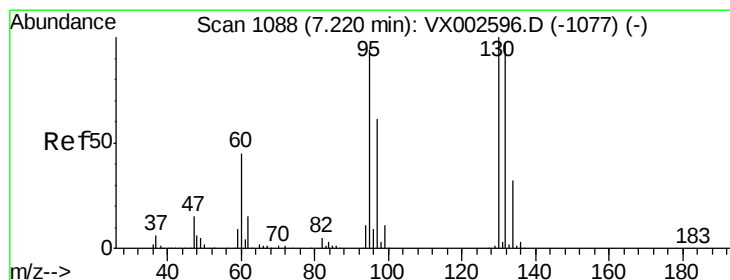
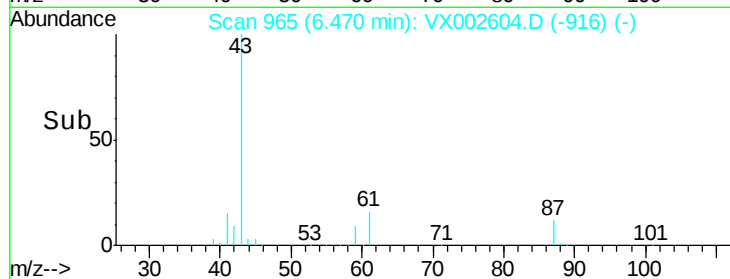
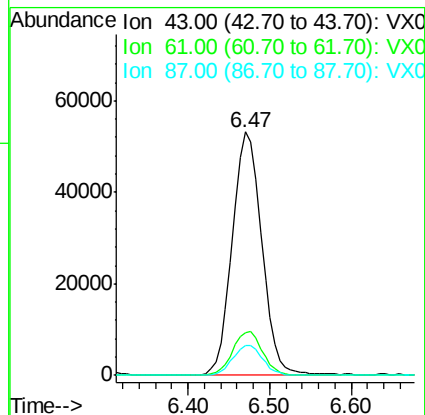
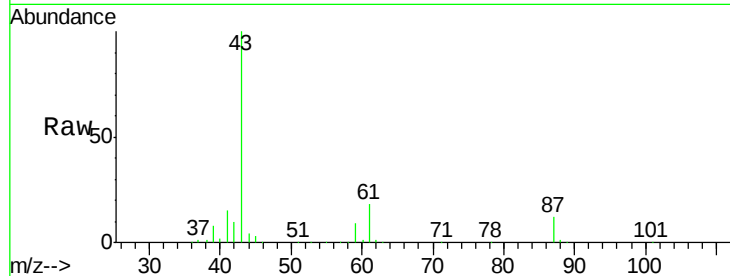


#43

Isopropyl Acetate
 Concen: 19.92 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

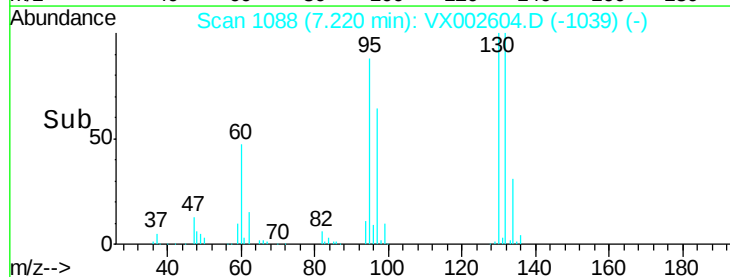
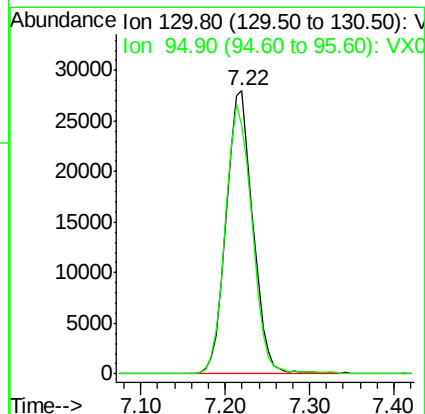
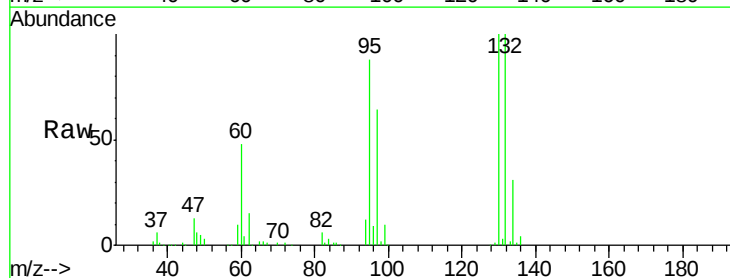
Tot Ion	43	Resp	132992
Ion Ratio	Lower	Upper	
43	100		
61	18.3	14.4	21.6
87	12.6	9.5	14.3



#44

Trichloroethene
 Concen: 19.70 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

Tgt Ion	130	Resp	60714
Ion Ratio	Lower	Upper	
130	100		
95	88.1	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.89 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

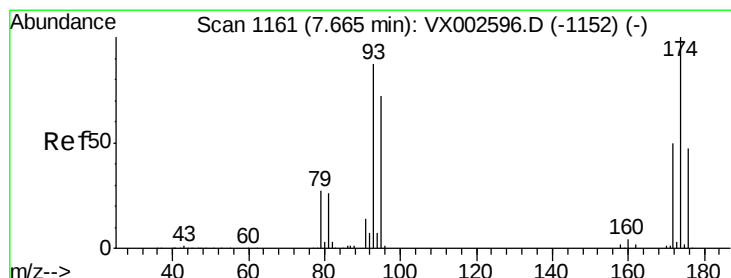
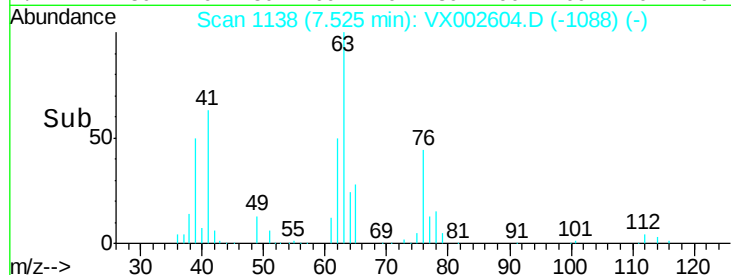
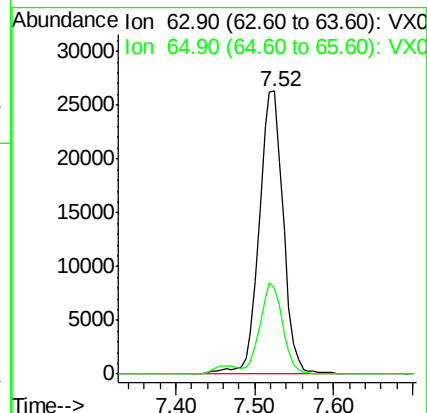
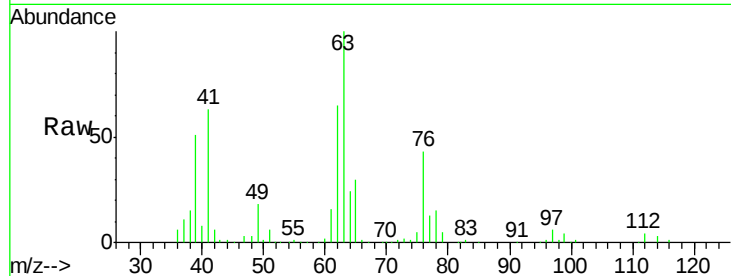
VX0615WBSD01

Tot Ion: 63 Resp: 55898

Ion Ratio Lower Upper

63 100

65 30.4 24.7 37.1



#46

Dibromomethane

Concen: 20.18 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

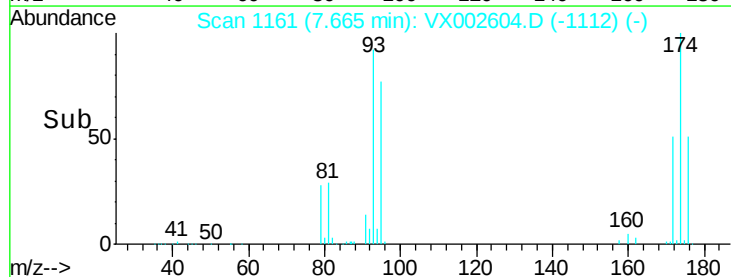
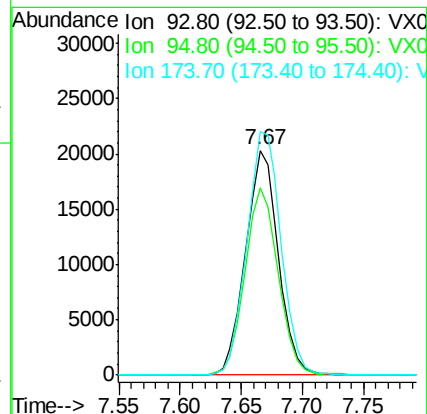
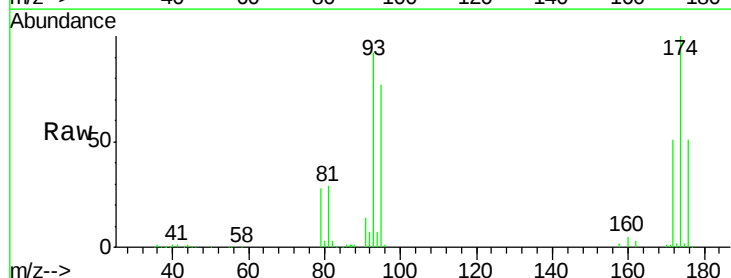
Tgt Ion: 93 Resp: 37929

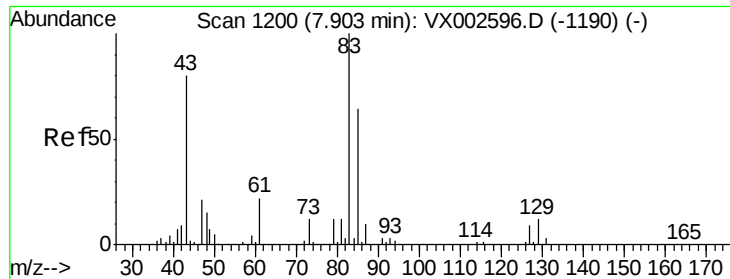
Ion Ratio Lower Upper

93 100

95 84.2 65.9 98.9

174 113.2 92.4 138.6





#47

Bromodichloromethane

Concen: 19.93 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

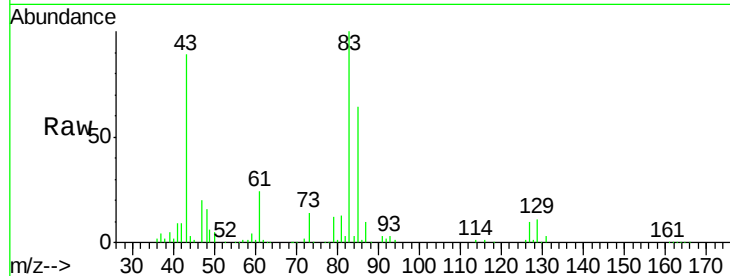
Tot Ion: 83 Resp: 66091

Ion Ratio Lower Upper

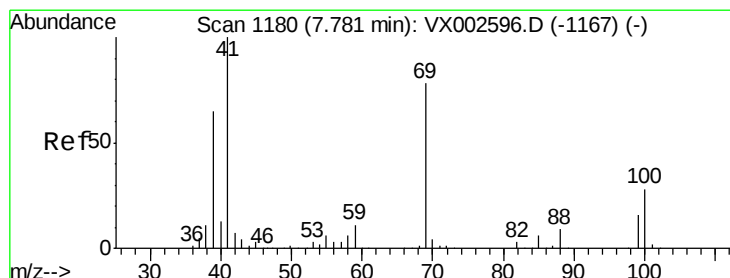
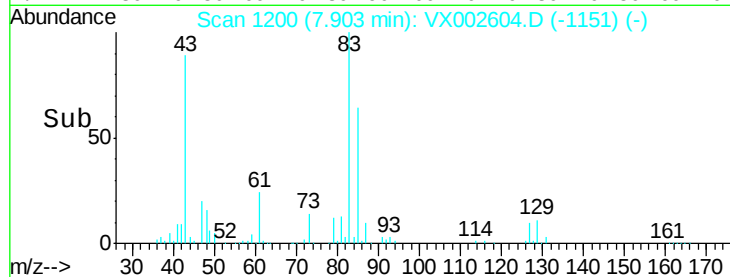
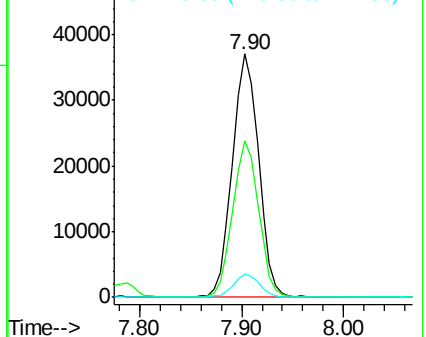
83 100

85 64.3 50.3 75.5

127 9.5 7.0 10.4



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: 19.80 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

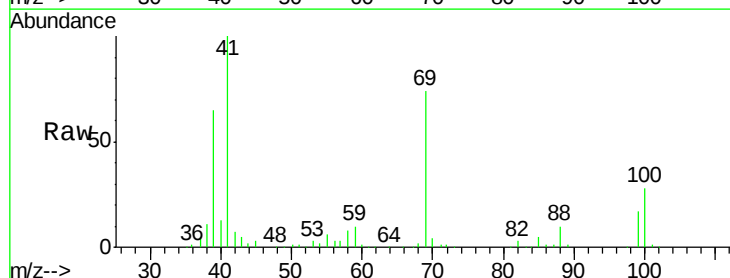
Tgt Ion: 41 Resp: 67571

Ion Ratio Lower Upper

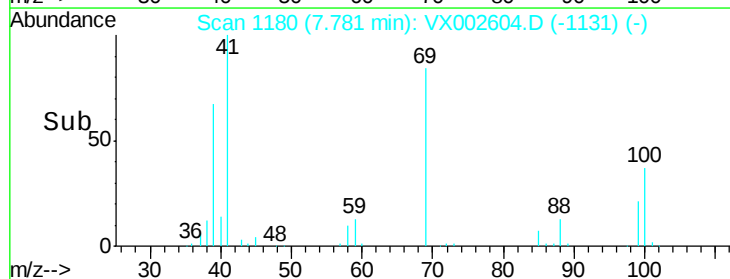
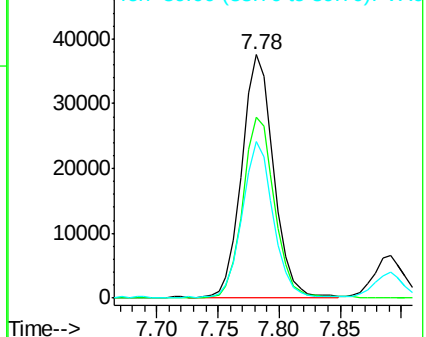
41 100

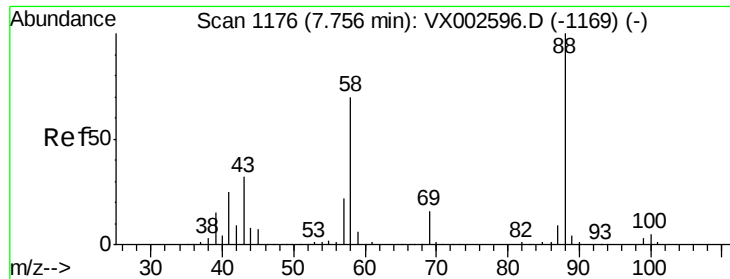
69 75.1 59.1 88.7

39 62.1 48.9 73.3



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

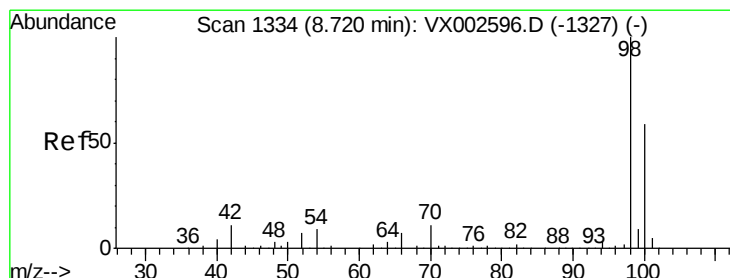
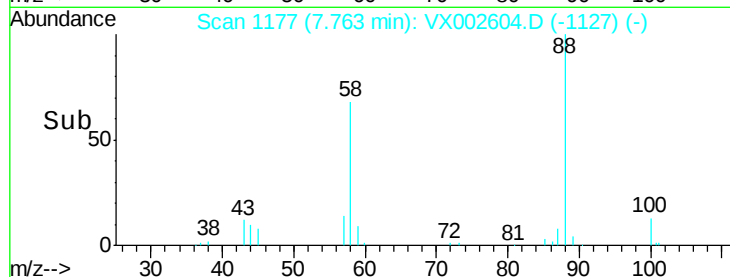
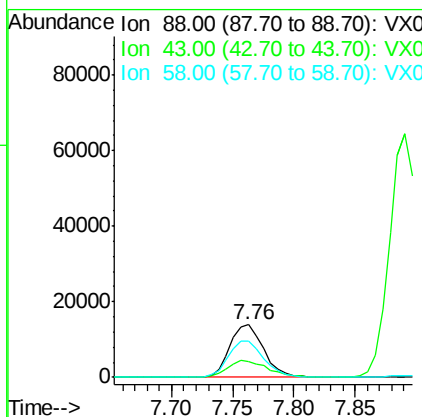
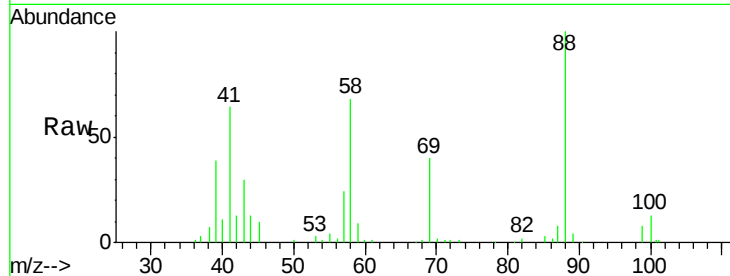




#49
1,4-Dioxane
Concen: 415.06 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

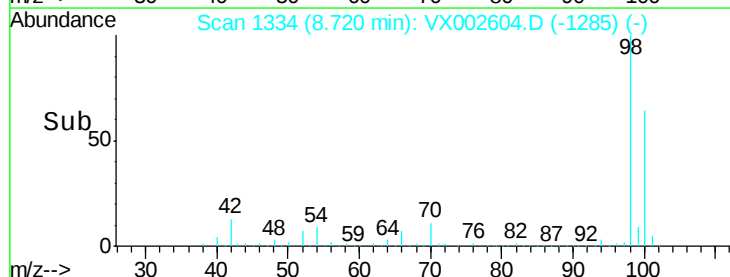
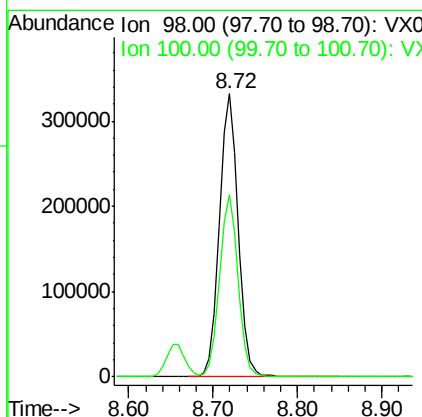
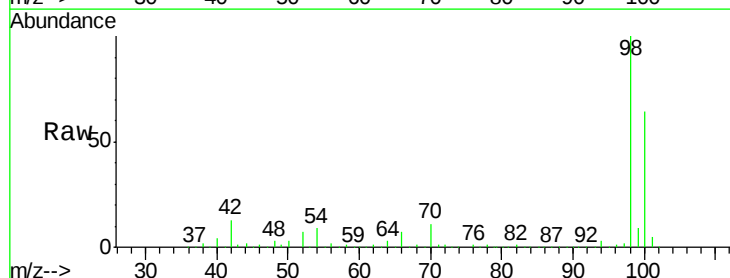
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion: 88 Resp: 26823
Ion Ratio Lower Upper
88 100
43 35.5 29.8 44.6
58 72.6 57.1 85.7



#50
Toluene-d8
Concen: 50.26 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion: 98 Resp: 510715
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

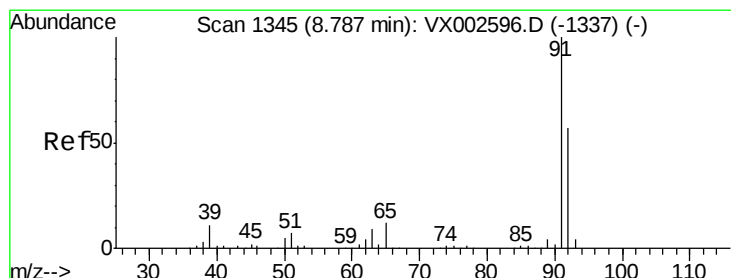
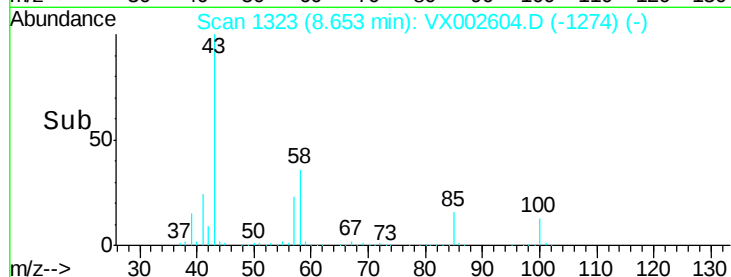
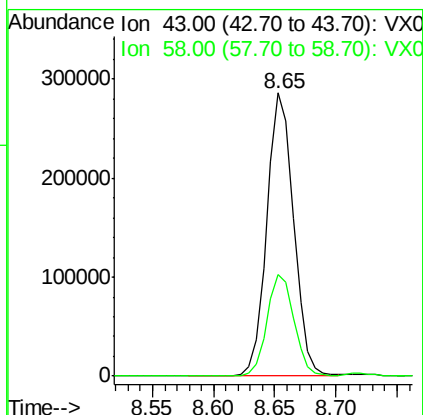
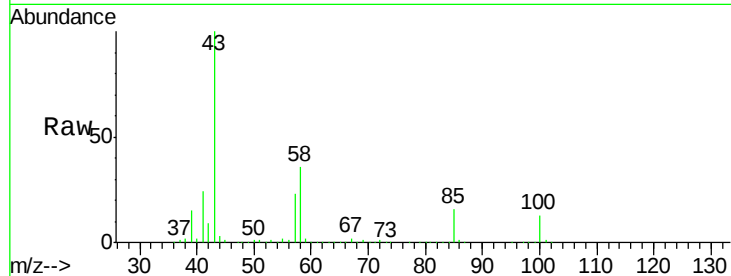




#51
4-Methyl-2-Pentanone
Concen: 101.61 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

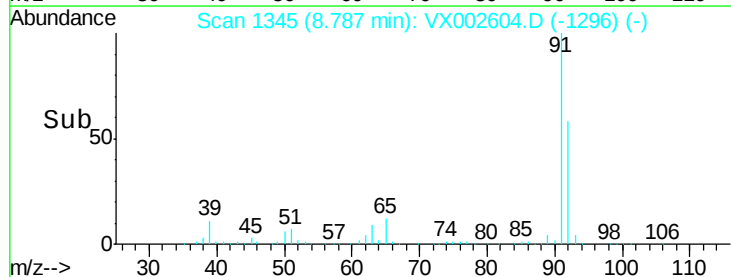
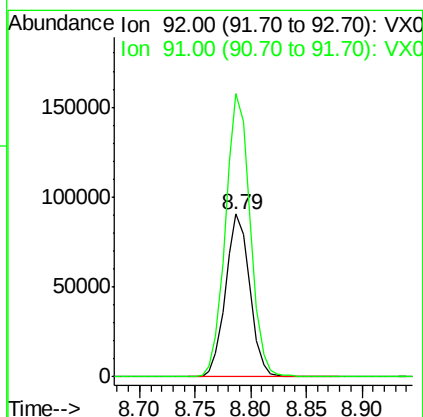
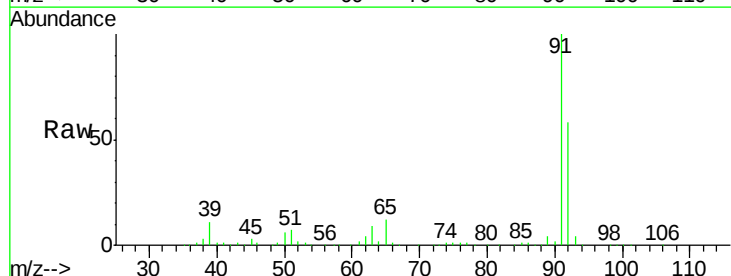
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

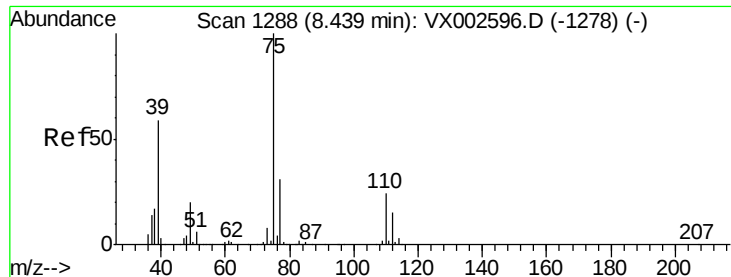
Tot Ion: 43 Resp: 435673
Ion Ratio Lower Upper
43 100
58 36.1 28.6 42.8



#52
Toluene
Concen: 20.09 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion: 92 Resp: 136819
Ion Ratio Lower Upper
92 100
91 176.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.44 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

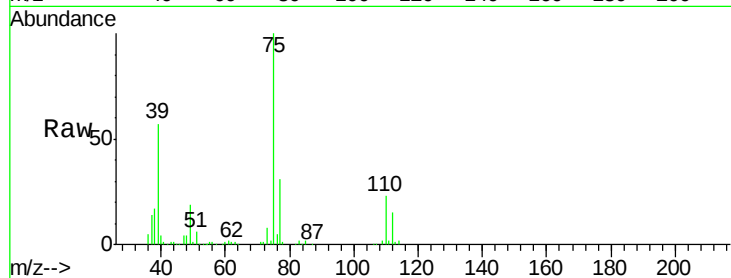
VX0615WBSD01

Tot Ion: 75 Resp: 78588

Ion Ratio Lower Upper

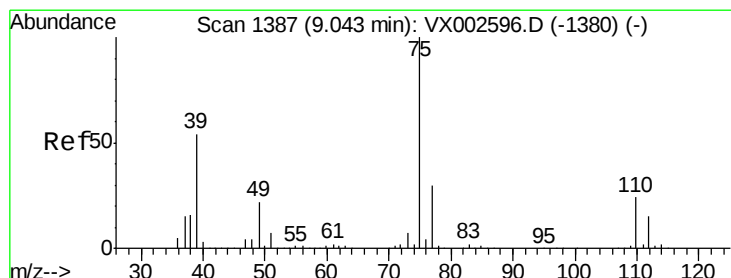
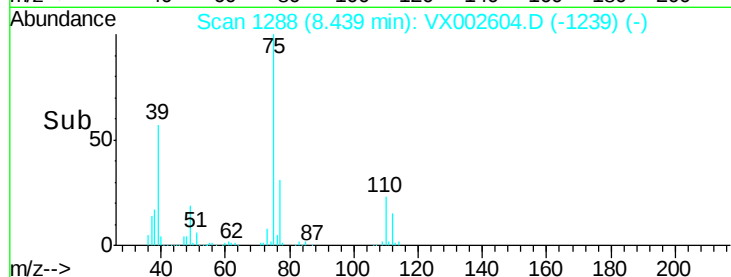
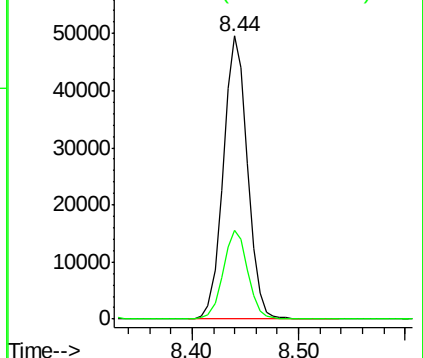
75 100

77 31.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.99 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

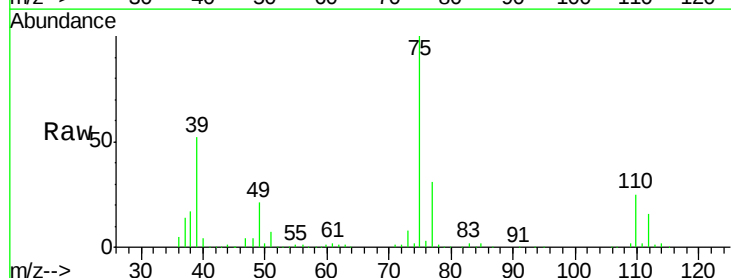
Tgt Ion: 75 Resp: 70598

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

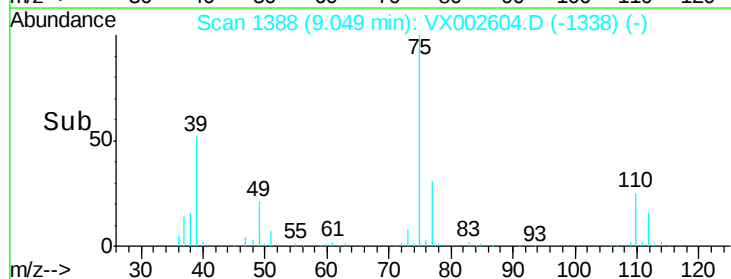
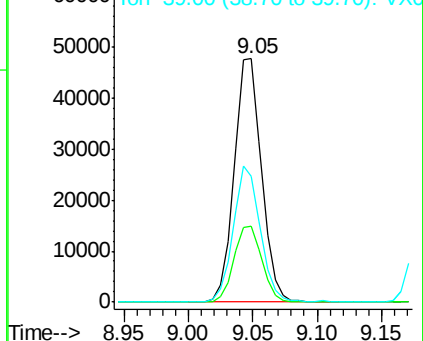
39 51.5 42.4 63.6

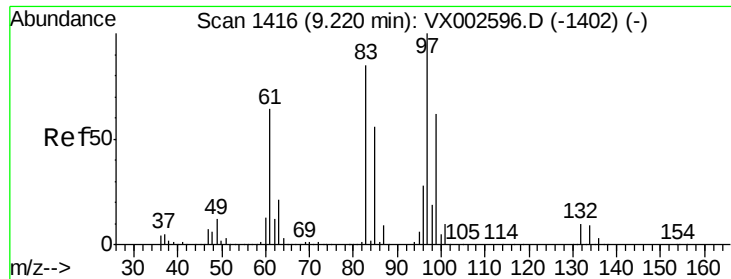


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

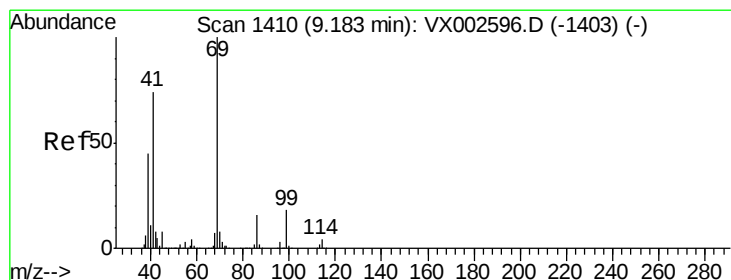
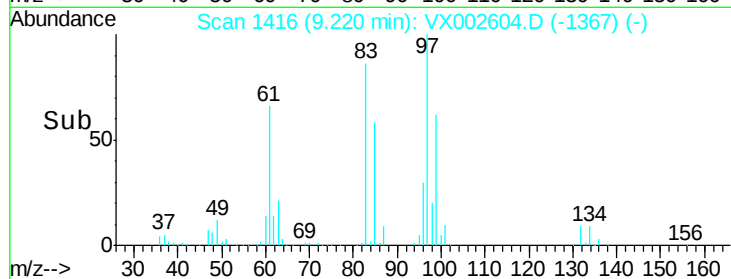
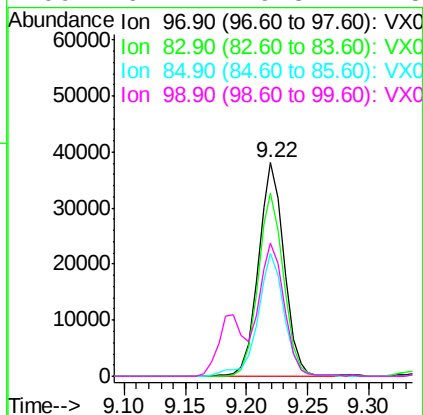
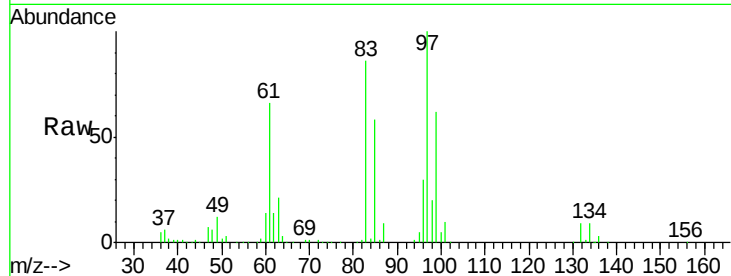




#55
 1,1,2-Trichloroethane
 Concen: 20.38 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

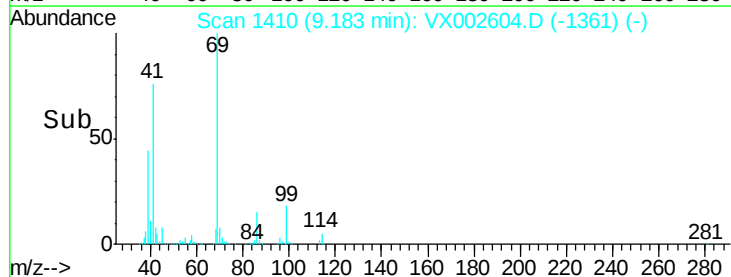
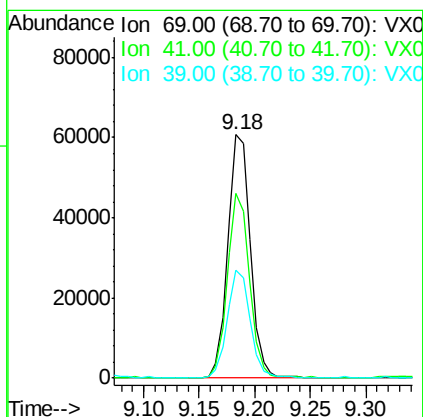
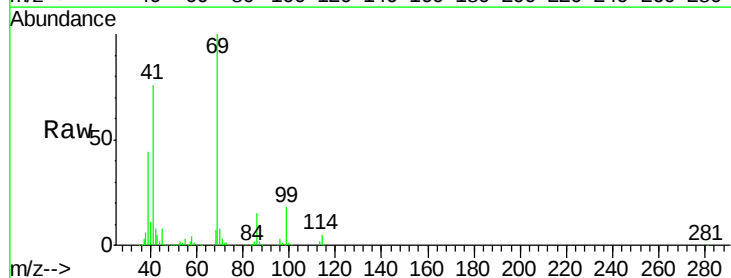
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

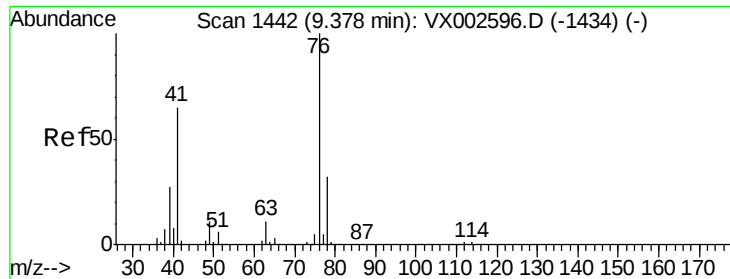
Tot Ion:	97	Resp:	56097
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.2	105.2
85	57.6	44.9	67.3
99	62.2	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.12 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

Tgt Ion:	69	Resp:	85224
Ion	Ratio	Lower	Upper
69	100		
41	74.2	60.3	90.5
39	44.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.59 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

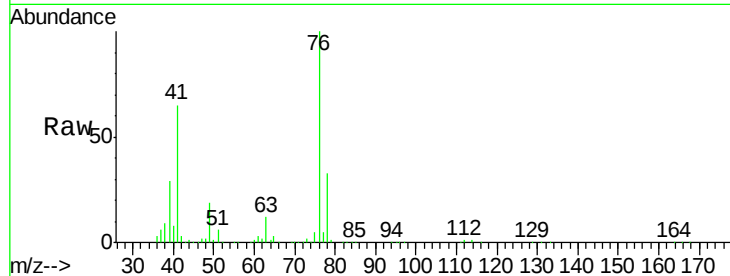
VX0615WBSD01

Tot Ion: 76 Resp: 91173

Ion Ratio Lower Upper

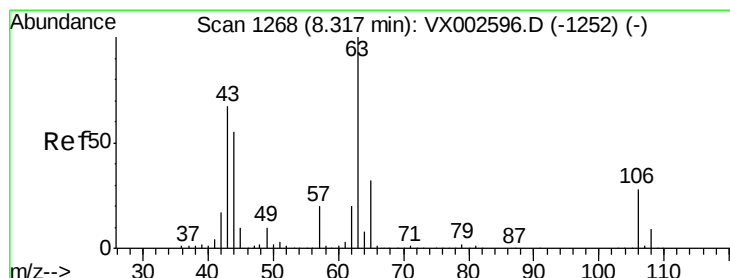
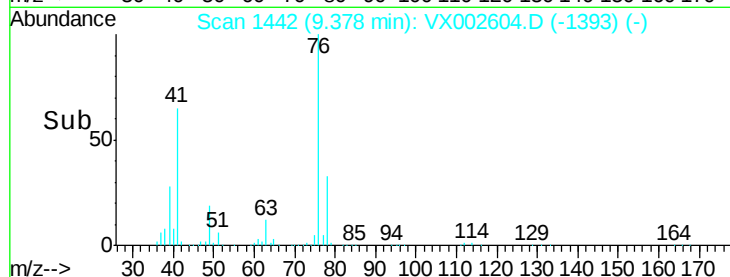
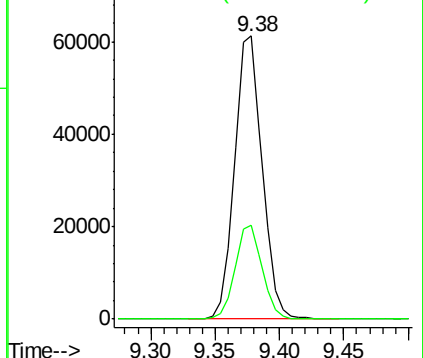
76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.23 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002604.D

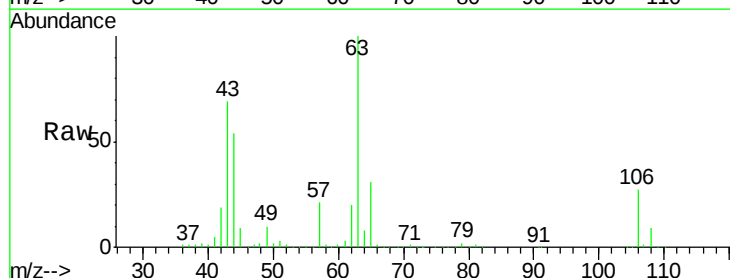
Acq: 15 Jun 2018 18:50

Tgt Ion: 63 Resp: 205324

Ion Ratio Lower Upper

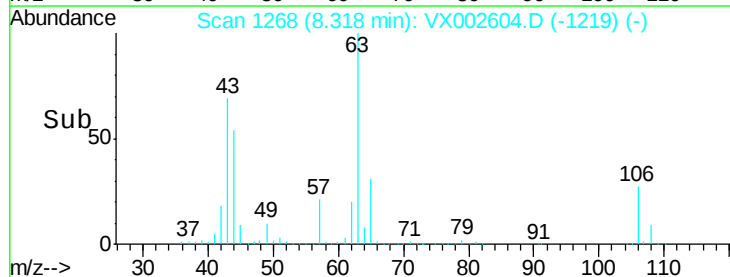
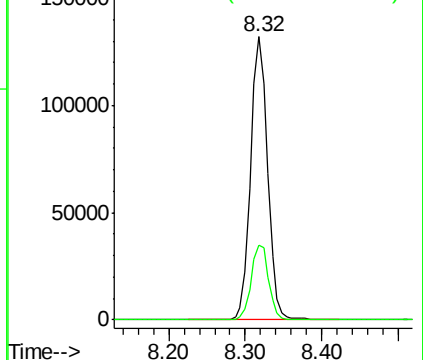
63 100

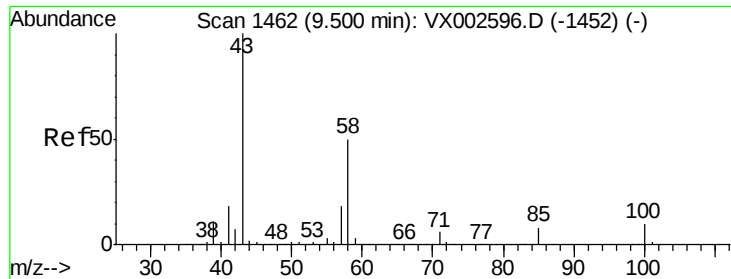
106 27.3 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

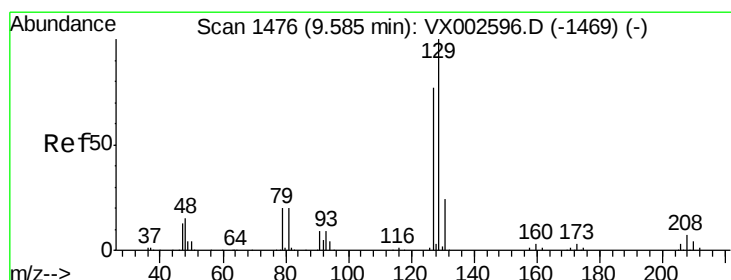
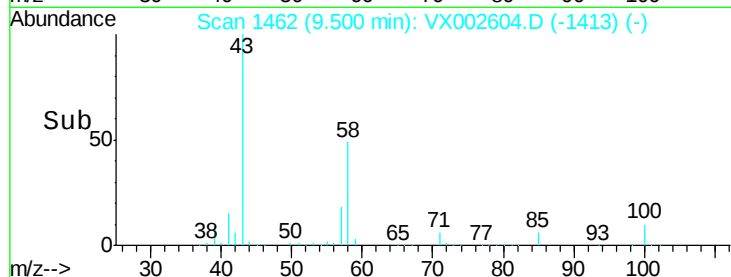
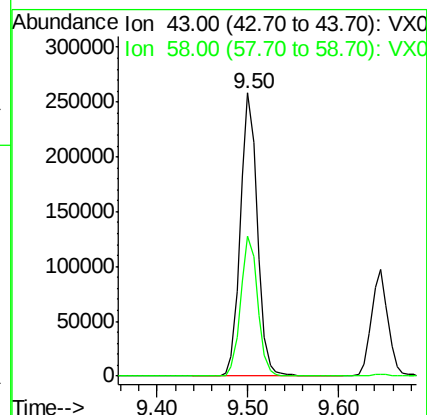
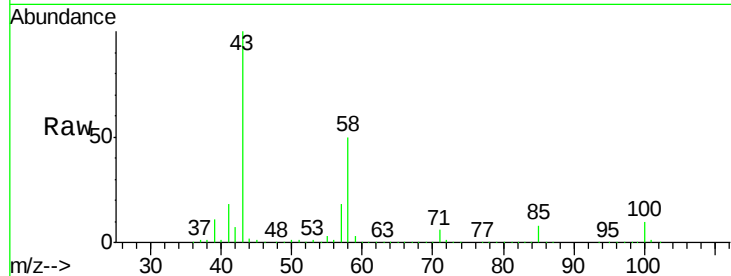




#59
2-Hexanone
Concen: 103.78 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

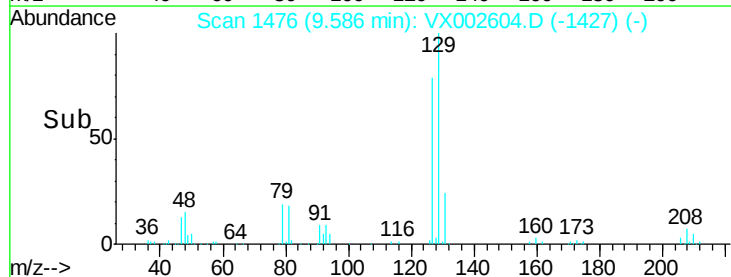
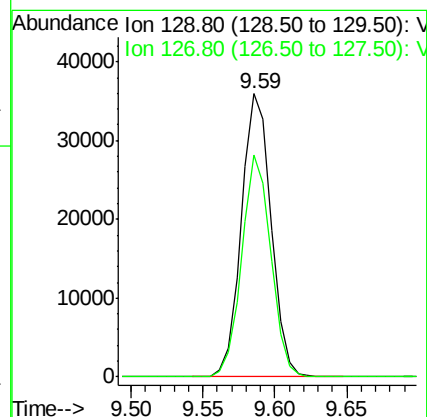
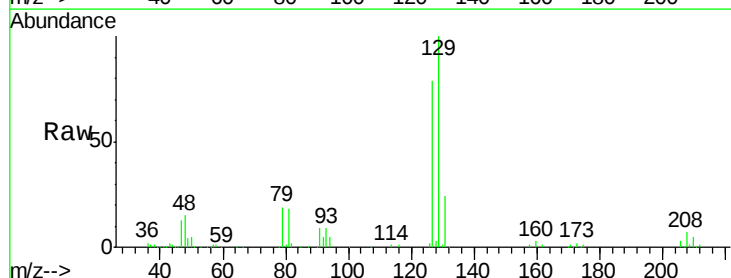
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

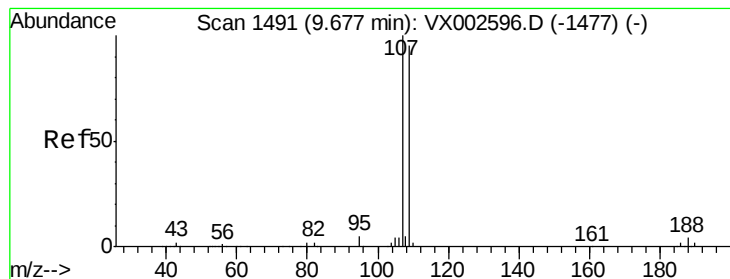
Tot Ion: 43 Resp: 335293
Ion Ratio Lower Upper
43 100
58 49.5 24.6 73.6



#60
Dibromochloromethane
Concen: 19.15 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion: 129 Resp: 51532
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.37 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

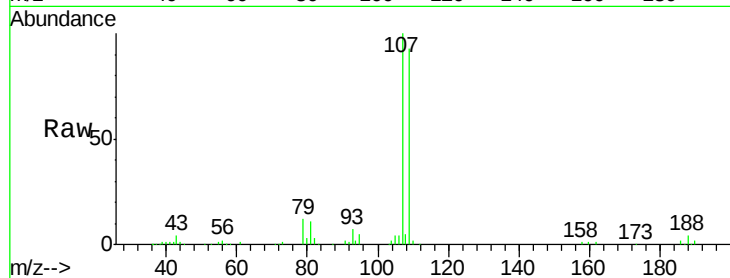
VX0615WBSD01

Tot Ion:107 Resp: 58070

Ion Ratio Lower Upper

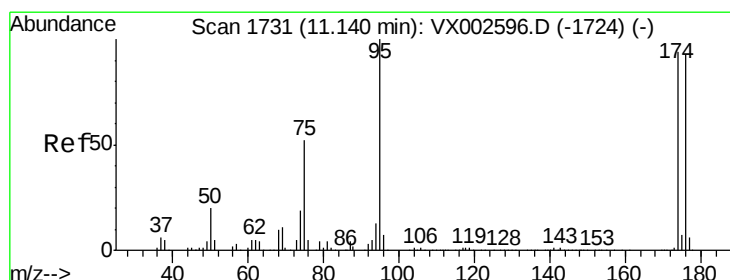
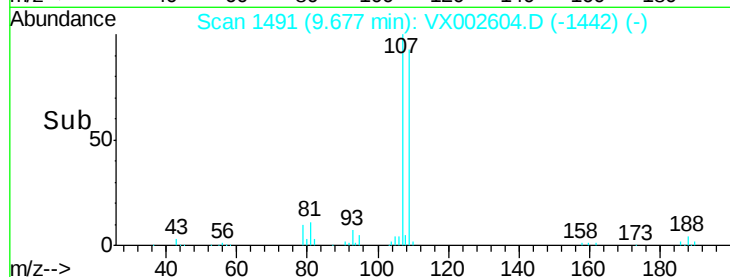
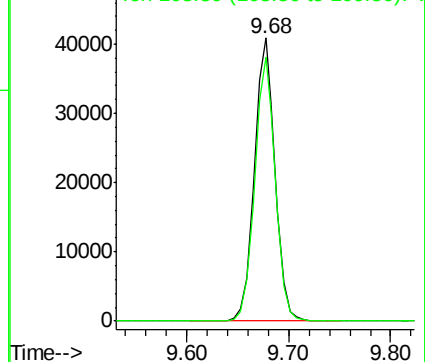
107 100

109 93.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

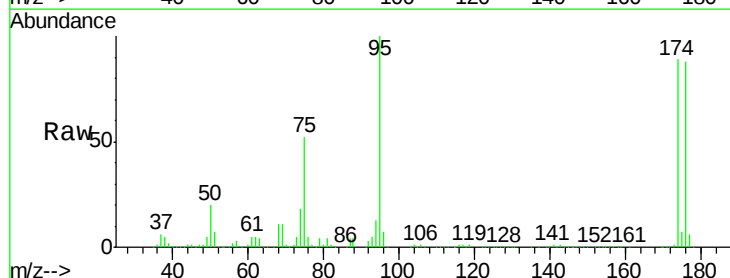
Tgt Ion: 95 Resp: 189206

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.4

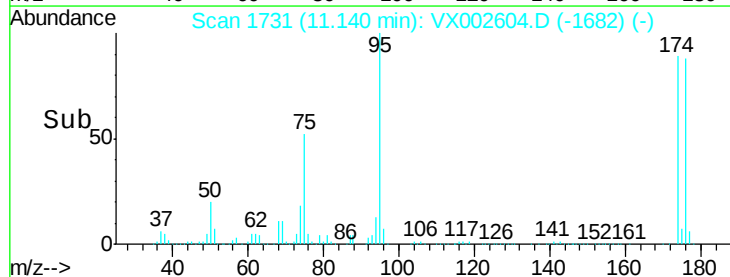
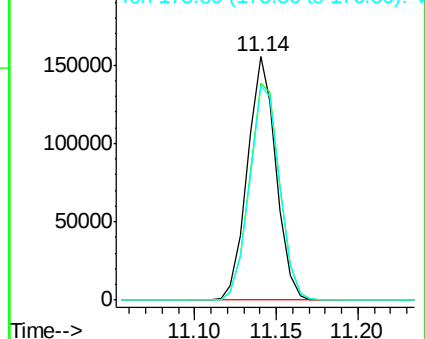
176 93.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

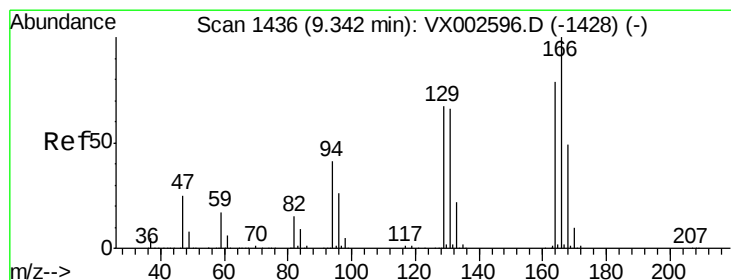
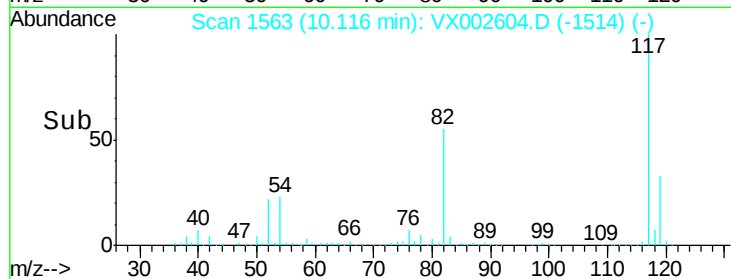
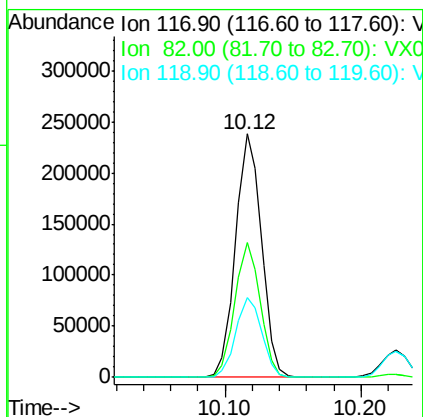
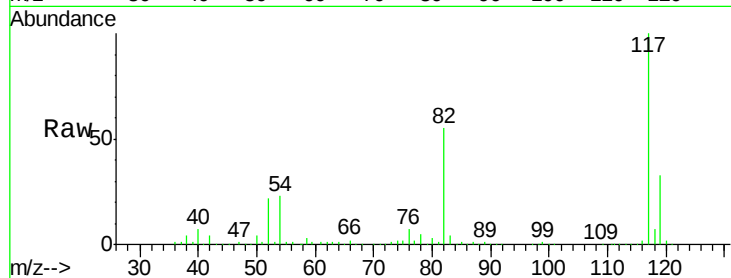




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

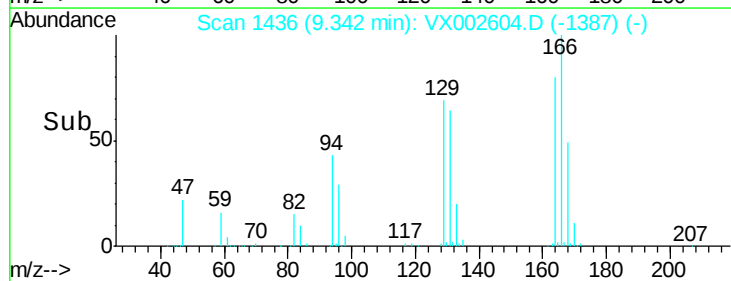
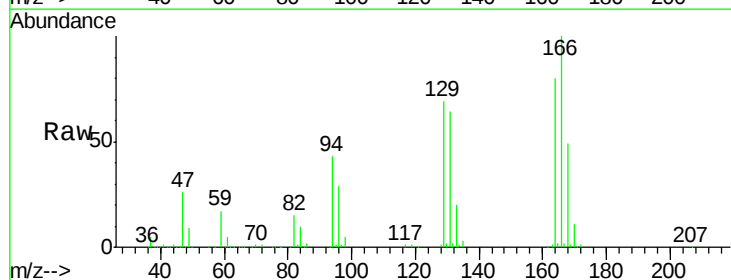
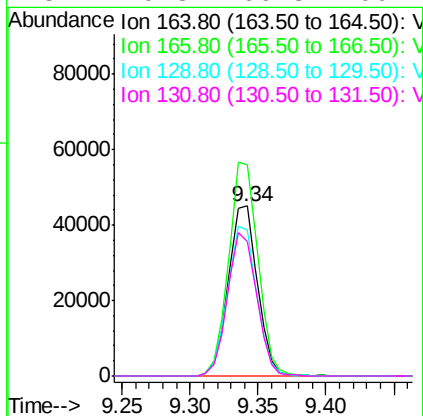
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

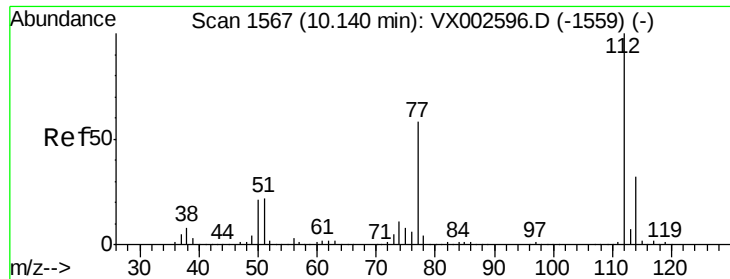
Tot Ion:117 Resp: 317369
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 19.09 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion:164 Resp: 67246
Ion Ratio Lower Upper
164 100
166 124.6 102.9 154.3
129 85.9 68.6 102.8
131 79.3 66.8 100.2





#65

Chlorobenzene

Concen: 19.96 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

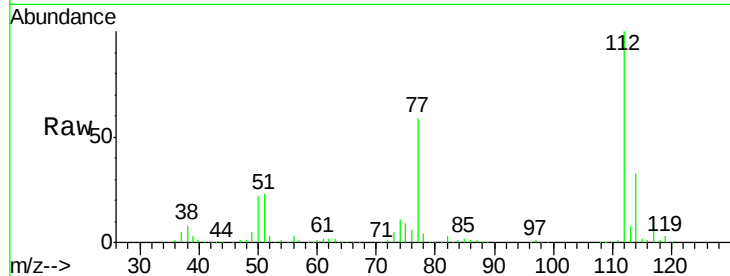
VX0615WBSD01

Tot Ion:112 Resp: 155576

Ion Ratio Lower Upper

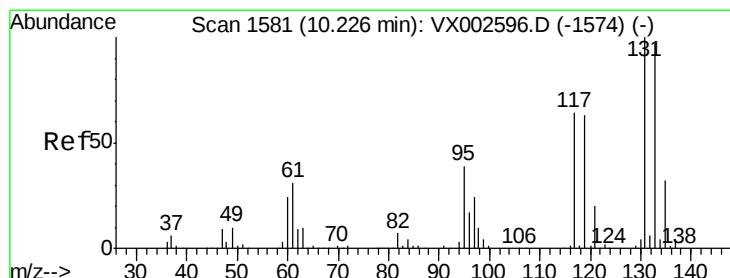
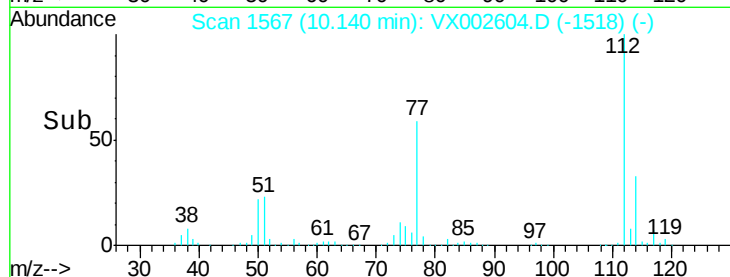
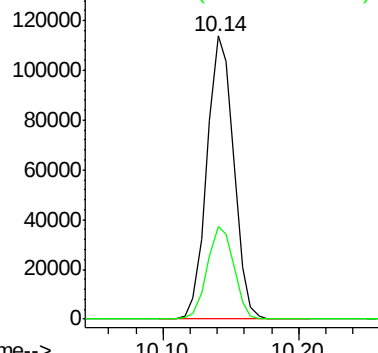
112 100

114 32.6 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.55 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

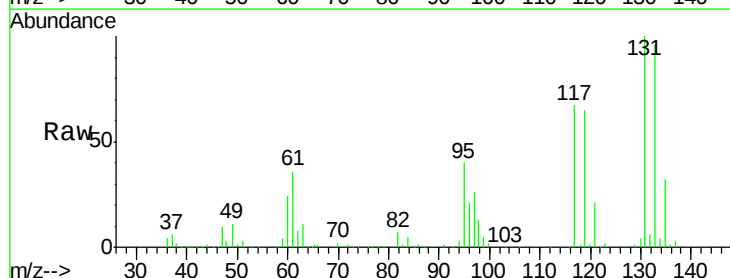
Tgt Ion:131 Resp: 54594

Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

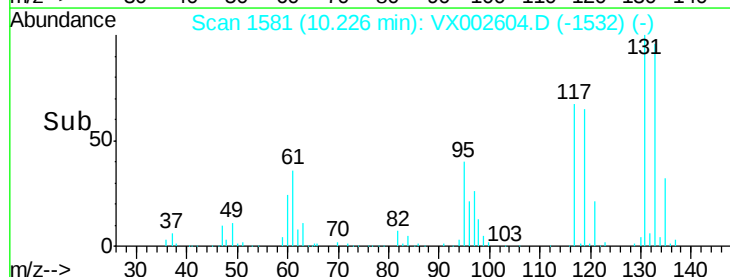
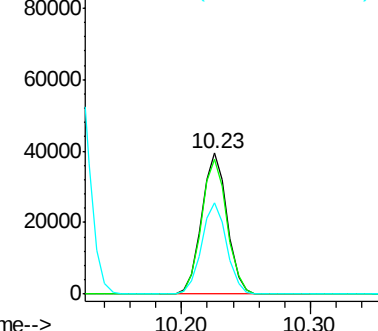
119 63.7 31.8 95.3

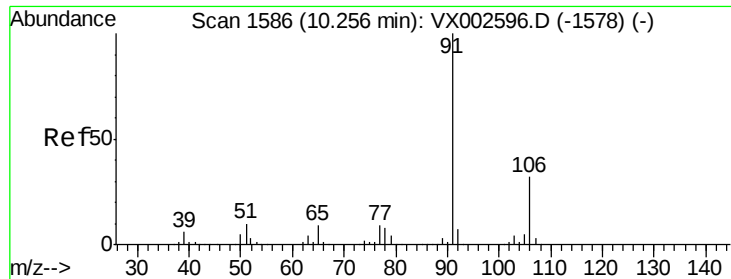


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

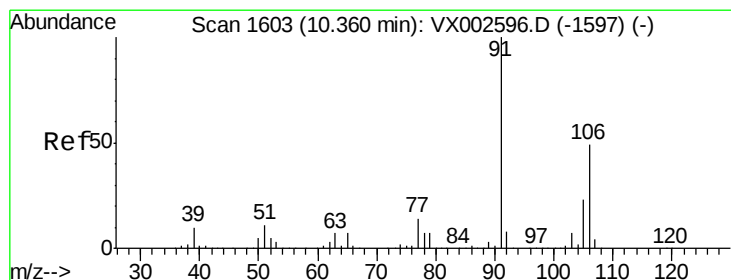
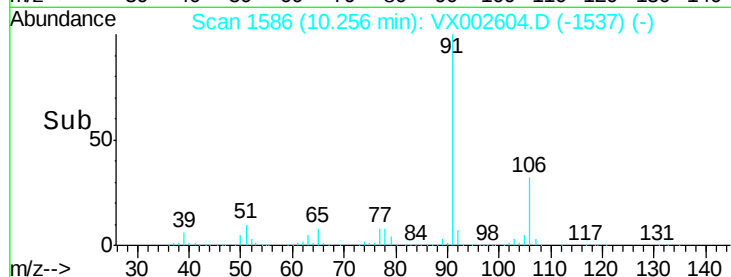
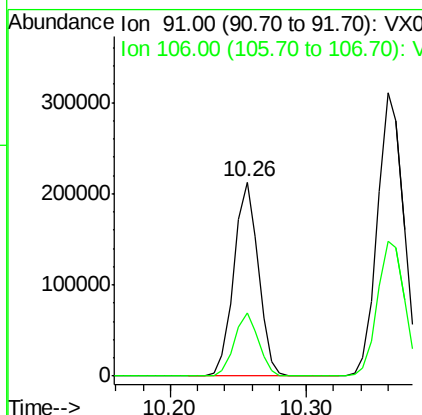
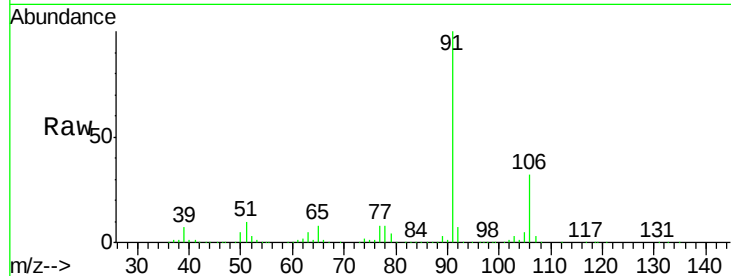




#67
Ethyl Benzene
Concen: 20.28 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

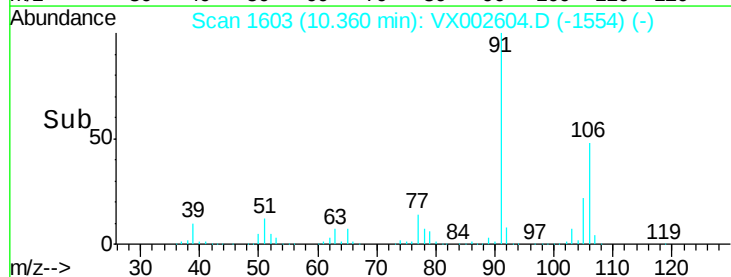
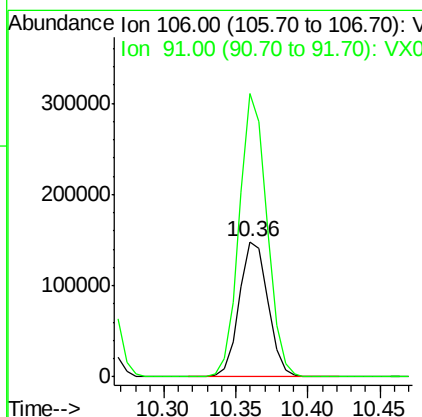
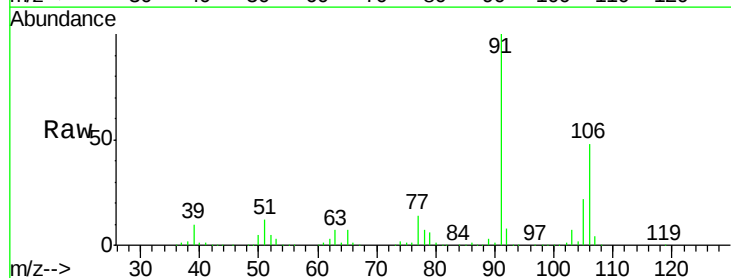
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion: 91 Resp: 266548
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3



#68
m/p-Xylenes
Concen: 40.44 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion: 106 Resp: 205066
Ion Ratio Lower Upper
106 100
91 202.8 163.4 245.2

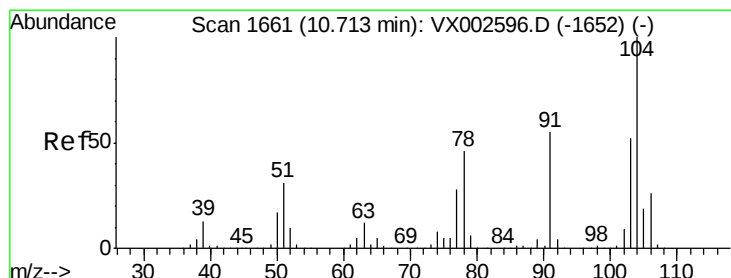
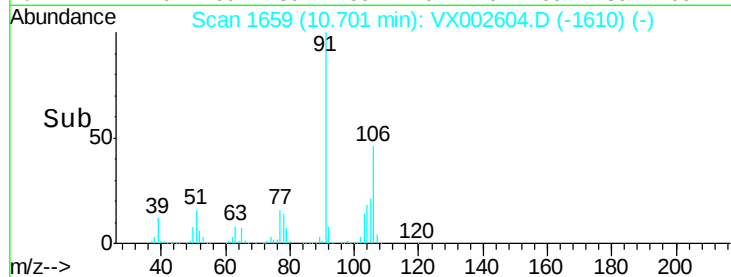
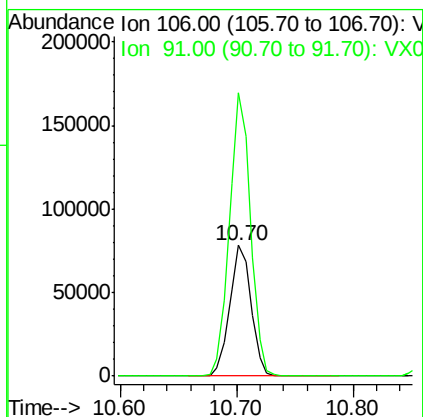
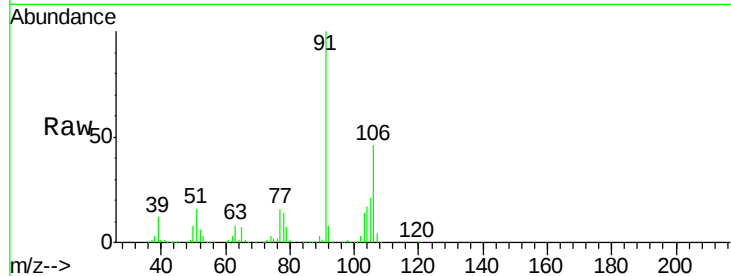




#69
o-Xylene
Concen: 20.08 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

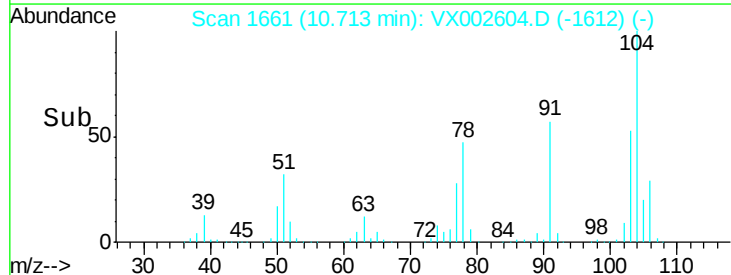
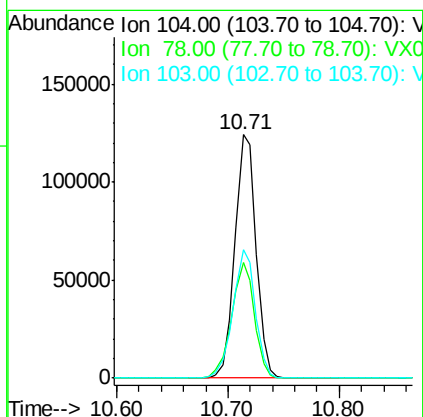
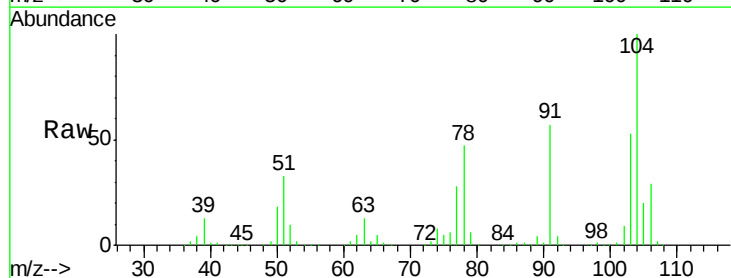
Instrument :
MSVOA_X
ClientSampled :
VX0615WBSD01

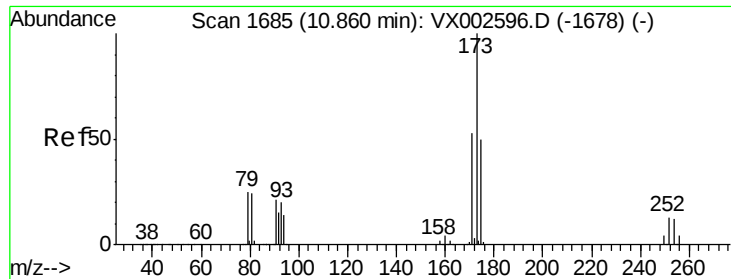
Tot Ion:106 Resp: 100040
Ion Ratio Lower Upper
106 100
91 213.6 108.2 324.6



#70
Styrene
Concen: 20.02 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion:104 Resp: 164003
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 55.7 44.2 66.4

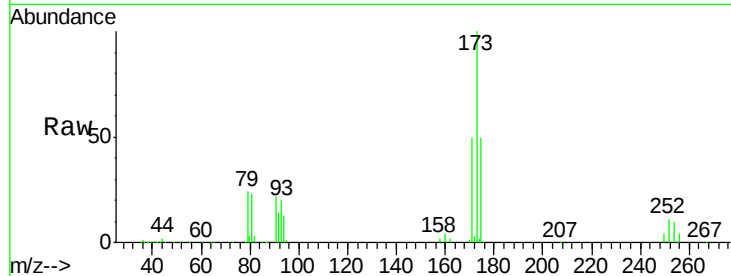




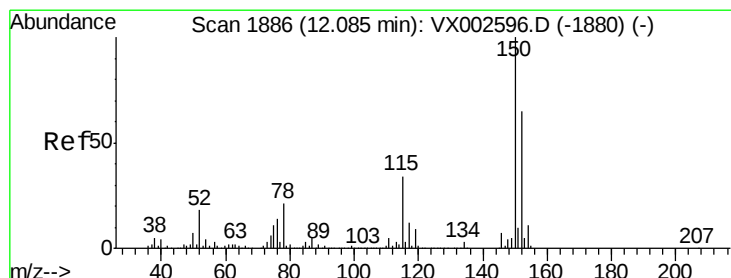
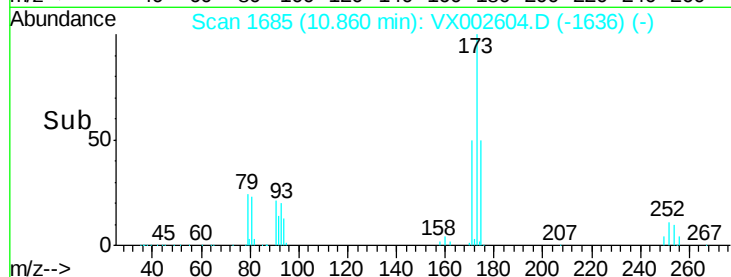
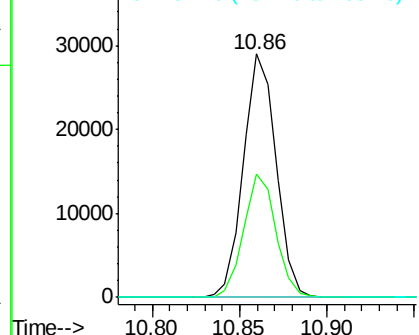
#71
Bromoform
Concen: 18.93 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion:173 Resp: 37744
Ion Ratio Lower Upper
173 100
175 49.9 24.7 74.1
254 0.1 0.2 0.2#

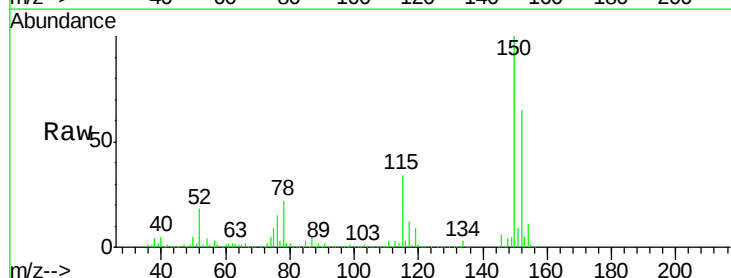


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

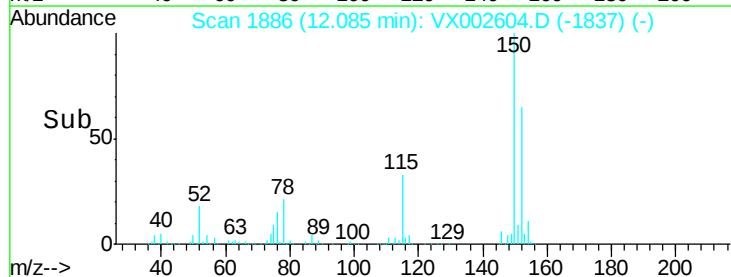
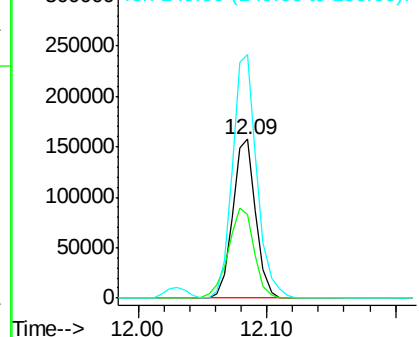


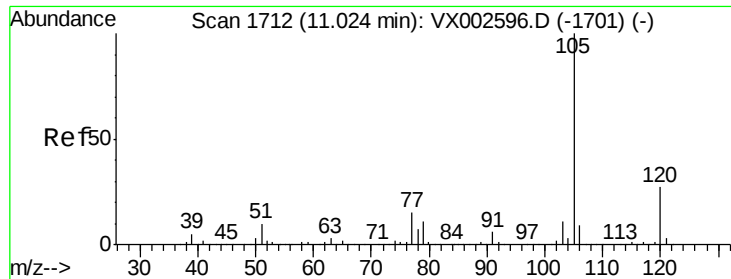
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion:152 Resp: 195921
Ion Ratio Lower Upper
152 100
115 64.3 40.1 120.2
150 163.9 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.76 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

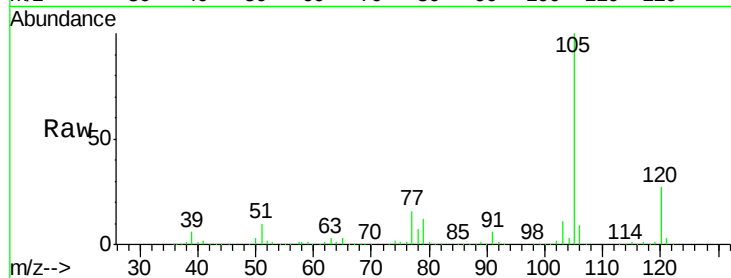
VX0615WBSD01

Tot Ion:105 Resp: 272009

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

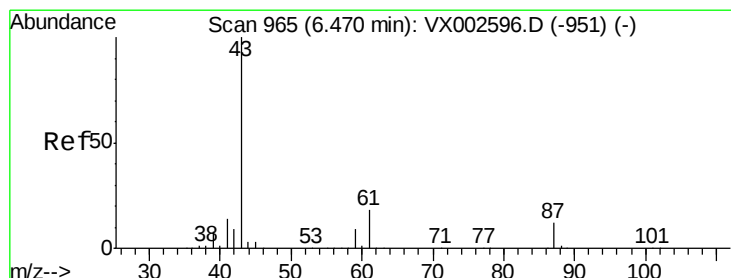
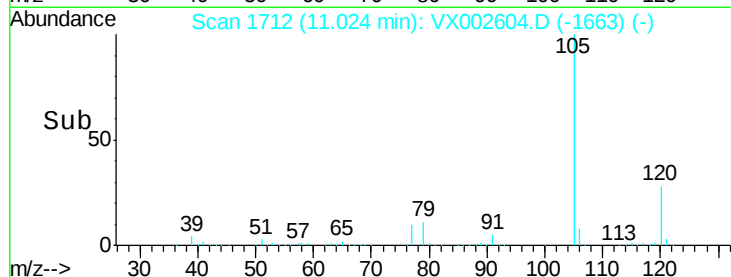
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.43 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Tgt Ion: 43 Resp: 132992

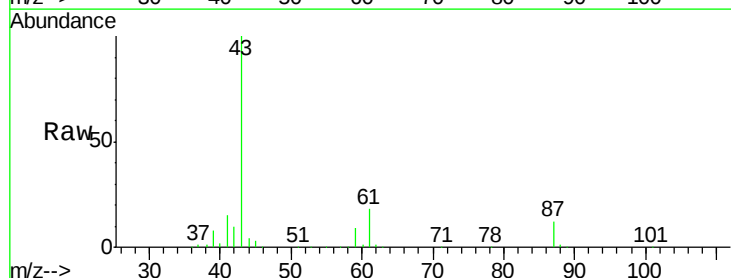
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.3 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

0

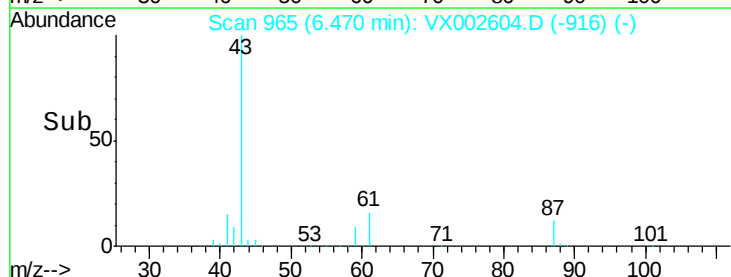
6.47

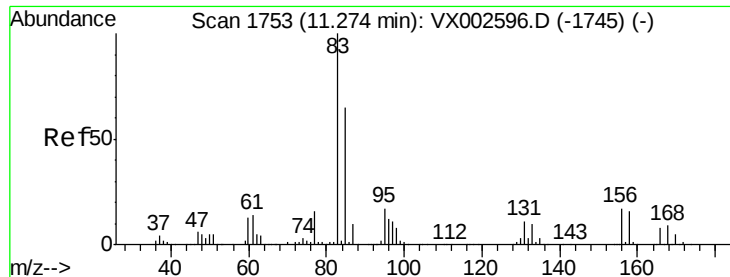
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.04 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

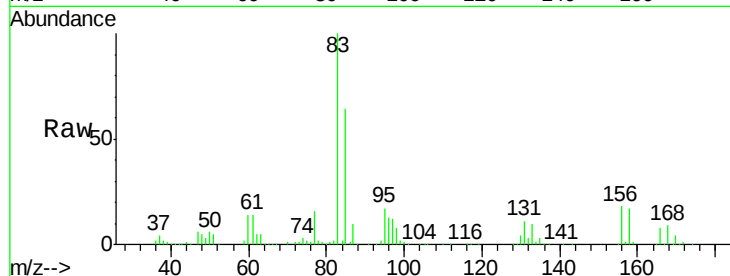
Tot Ion: 83 Resp: 81416

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

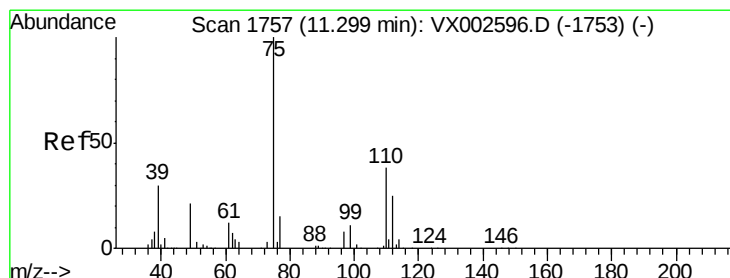
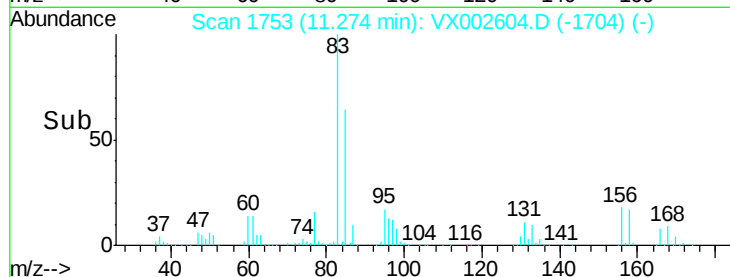
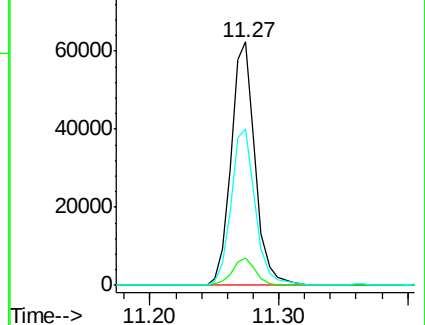
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.55 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002604.D

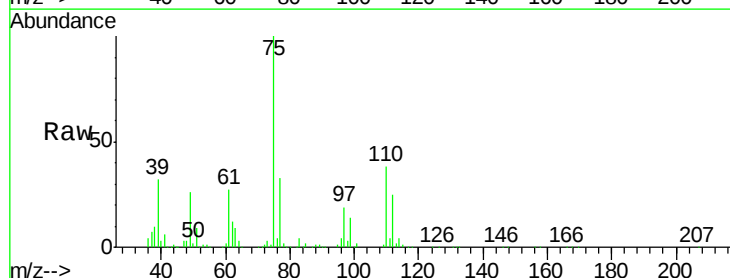
Acq: 15 Jun 2018 18:50

Tgt Ion: 75 Resp: 90766

Ion Ratio Lower Upper

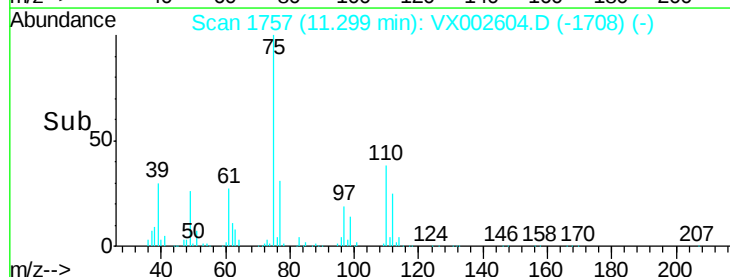
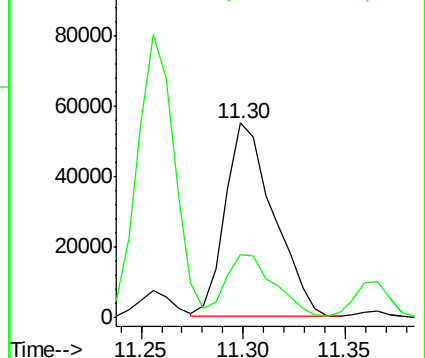
75 100

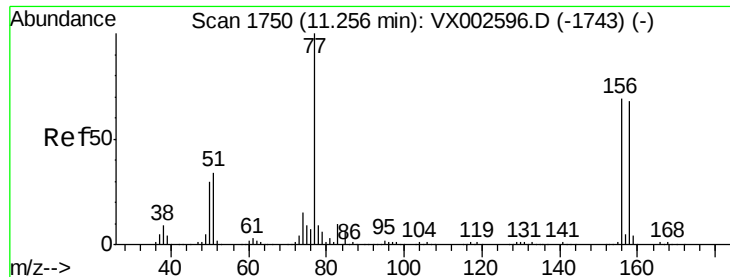
77 33.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.17 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

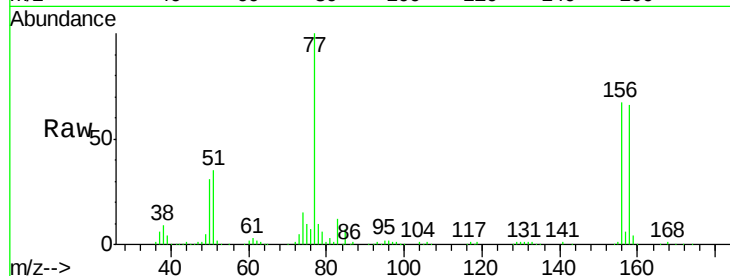
Tot Ion:156 Resp: 73648

Ion Ratio Lower Upper

156 100

77 138.3 71.4 214.2

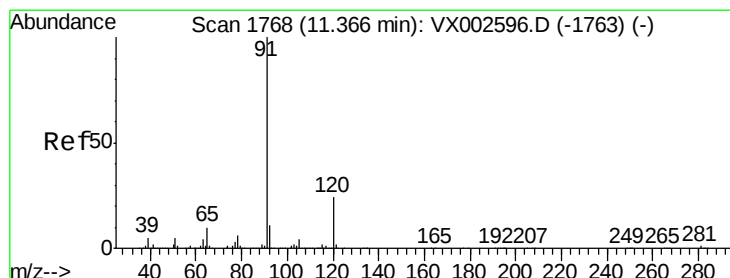
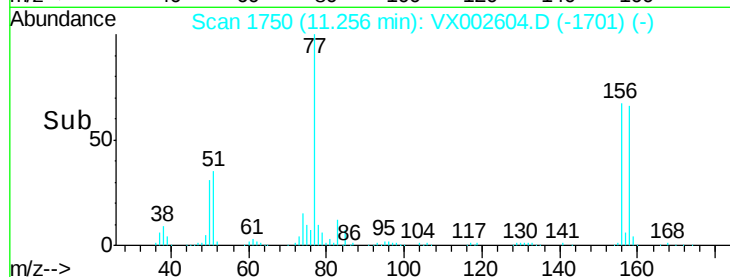
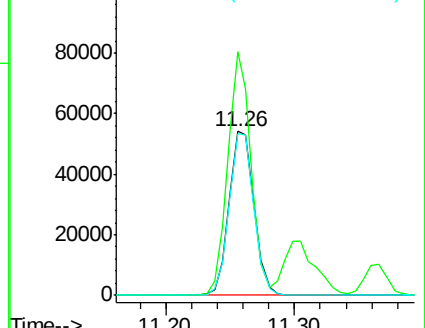
158 97.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.53 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002604.D

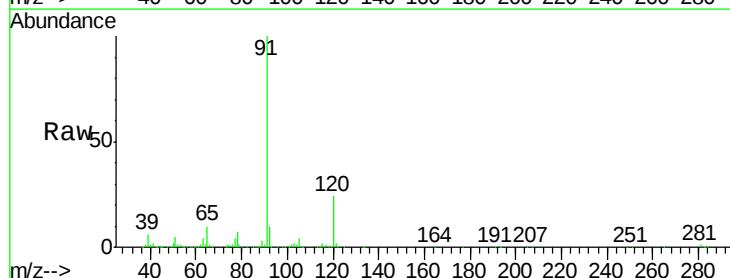
Acq: 15 Jun 2018 18:50

Tgt Ion: 91 Resp: 308500

Ion Ratio Lower Upper

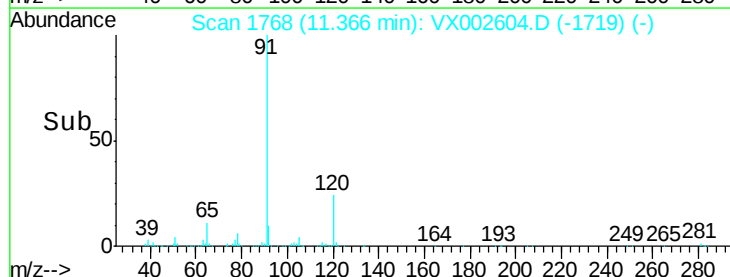
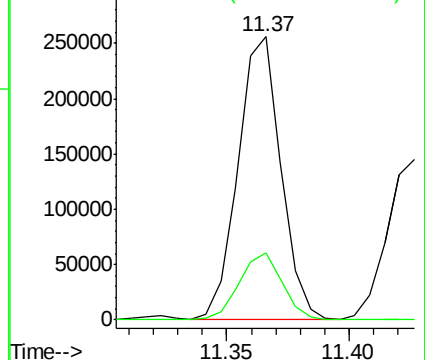
91 100

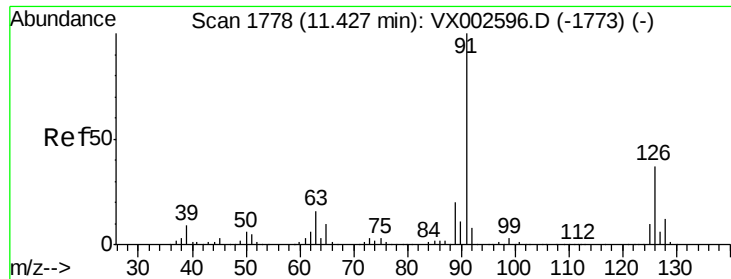
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

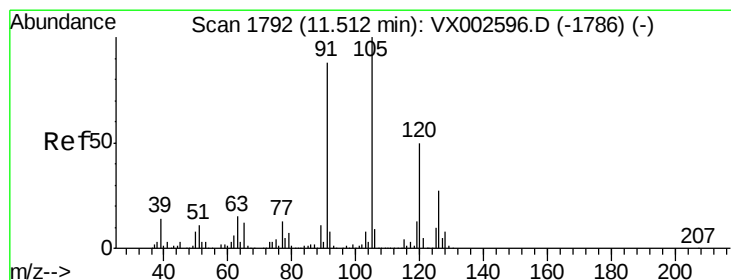
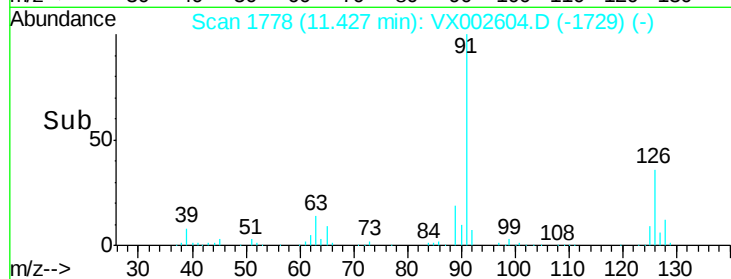
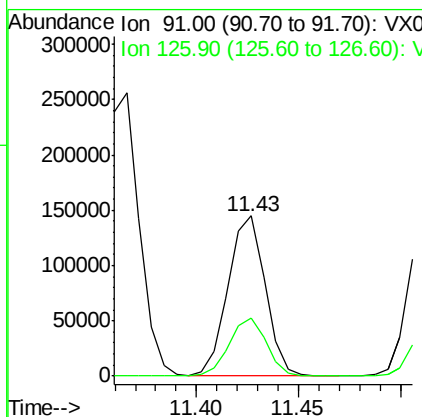
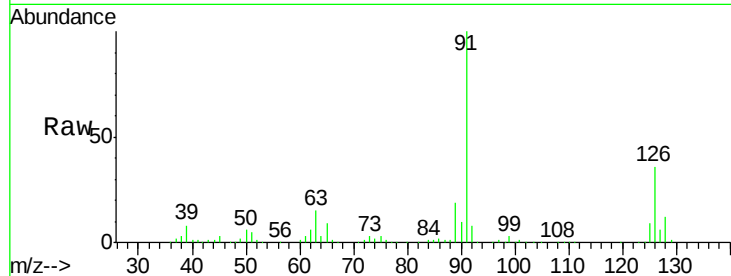




#79
 2-Chlorotoluene
 Concen: 20.29 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

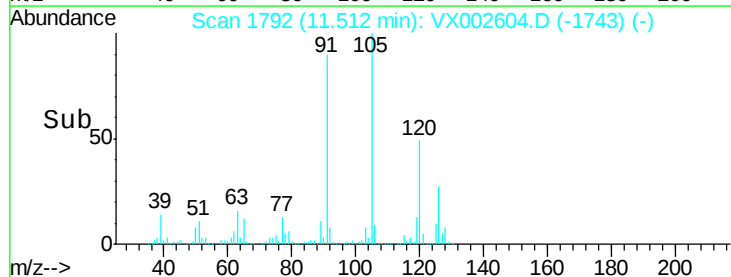
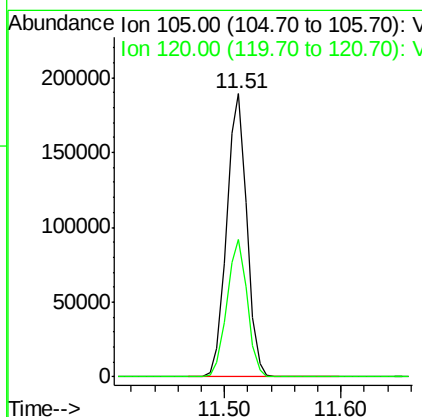
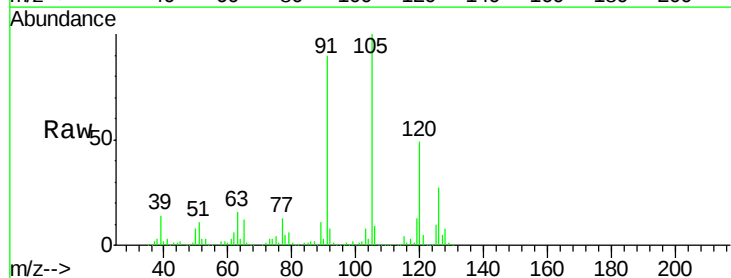
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tot Ion: 91 Resp: 182072
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.42 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

Tgt Ion: 105 Resp: 226154
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.06 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

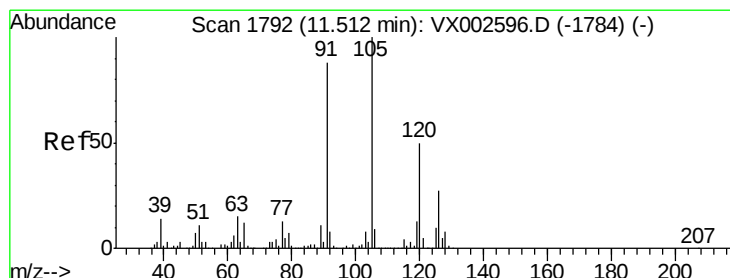
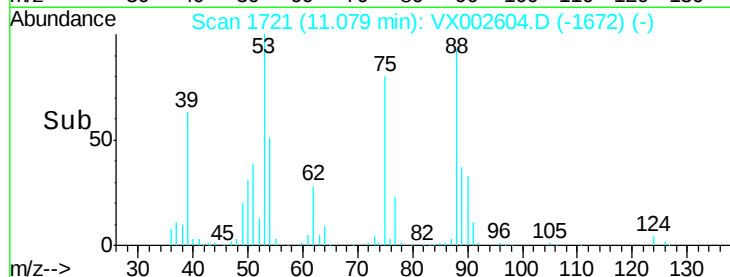
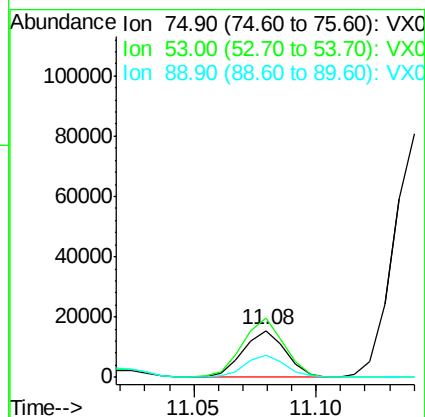
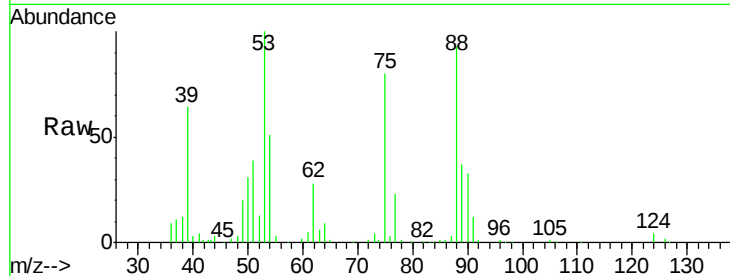
Tot Ion: 75 Resp: 18758

Ion Ratio Lower Upper

75 100

53 125.3 86.8 130.2

89 45.5 38.2 57.2



#82

4-Chlorotoluene

Concen: 20.53 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002604.D

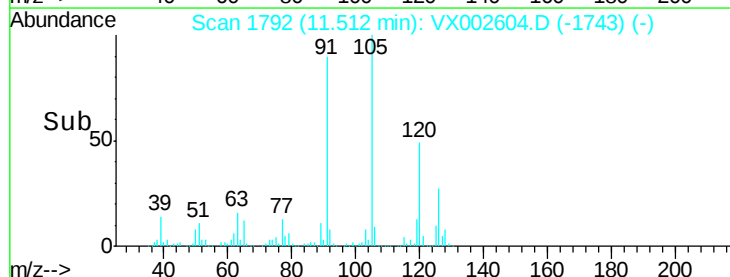
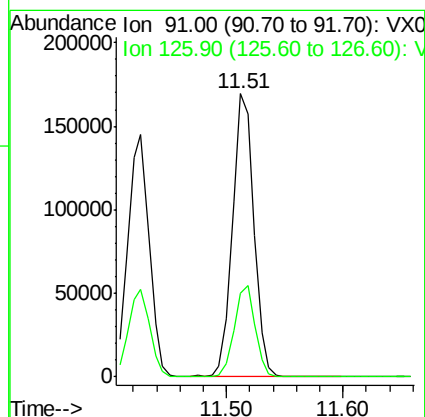
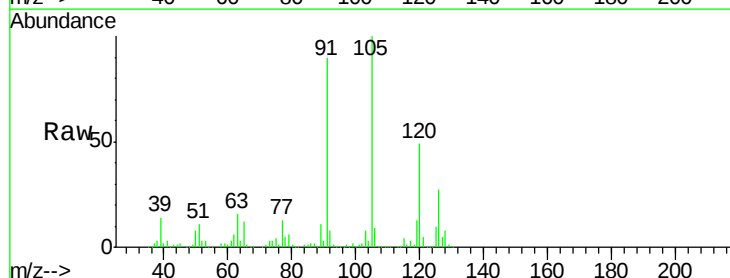
Acq: 15 Jun 2018 18:50

Tgt Ion: 91 Resp: 217323

Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.4

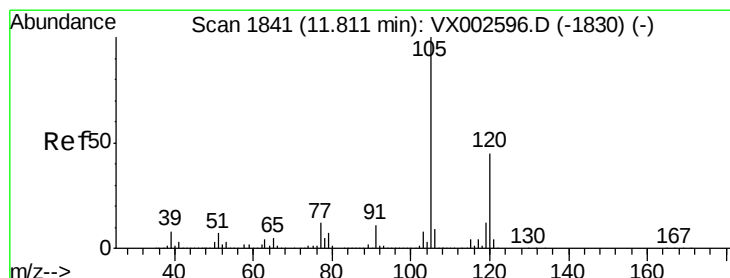
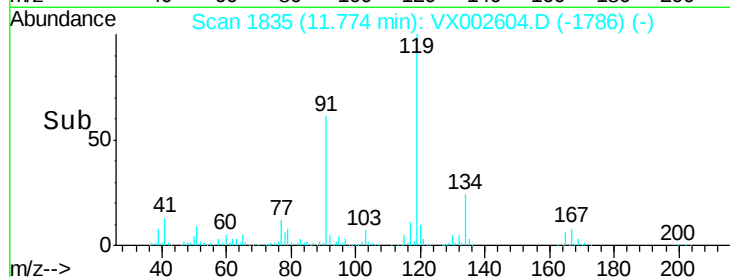
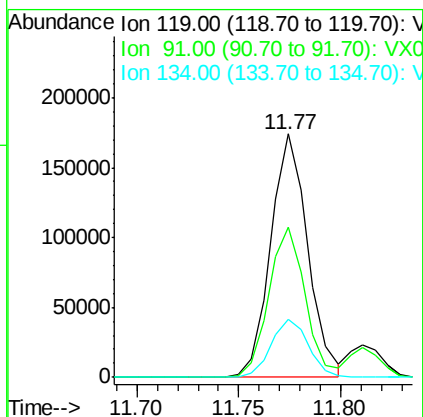
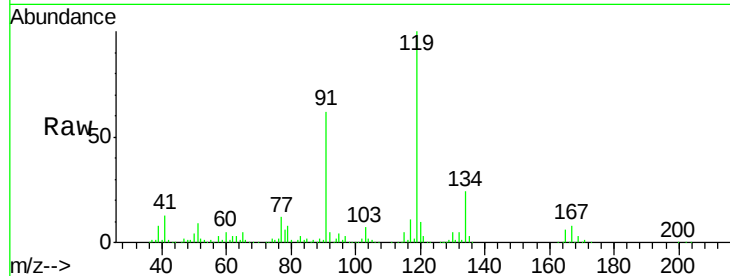




#83
tert-Butylbenzene
Concen: 20.67 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

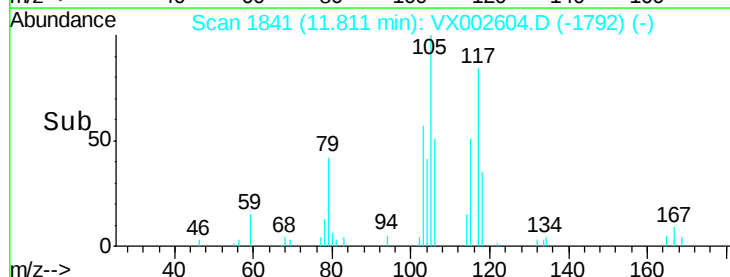
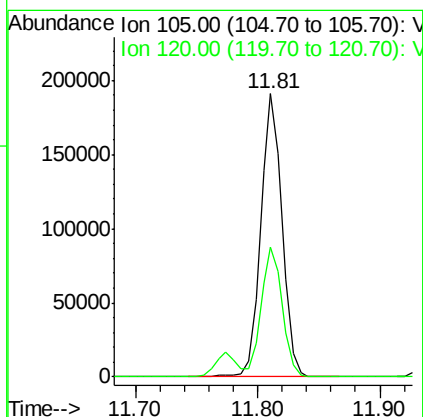
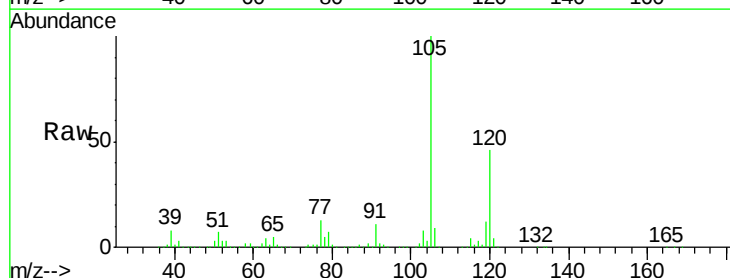
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

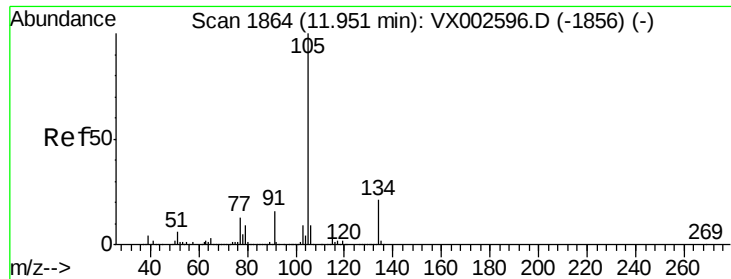
Tot Ion:119 Resp: 220535
Ion Ratio Lower Upper
119 100
91 60.8 30.3 90.9
134 24.1 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.58 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion:105 Resp: 232545
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.94 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

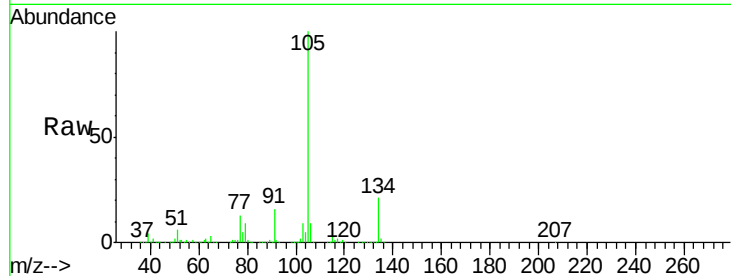
VX0615WBSD01

Tot Ion:105 Resp: 277818

Ion Ratio Lower Upper

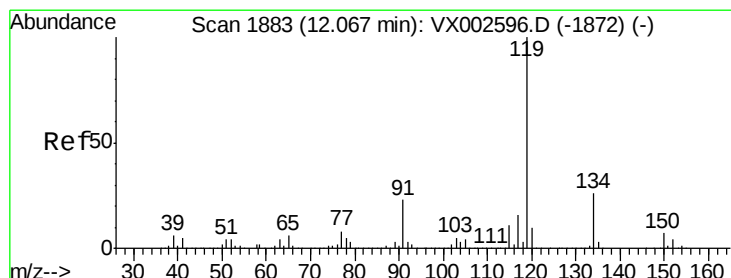
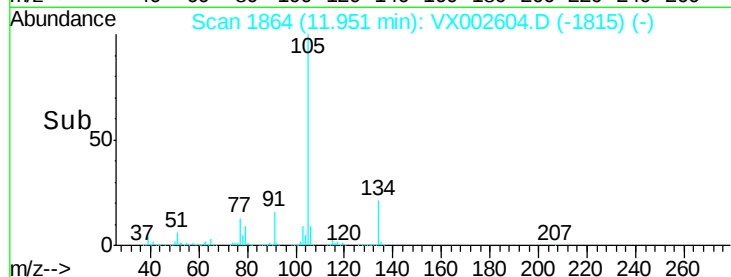
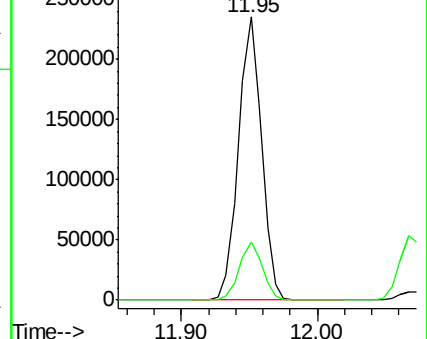
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.54 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

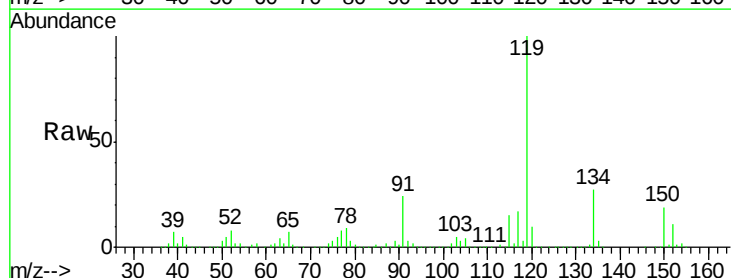
Tgt Ion:119 Resp: 246543

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

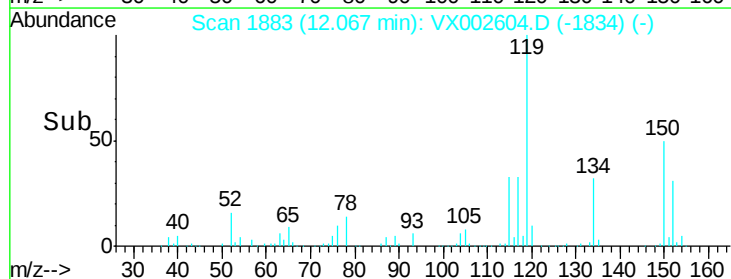
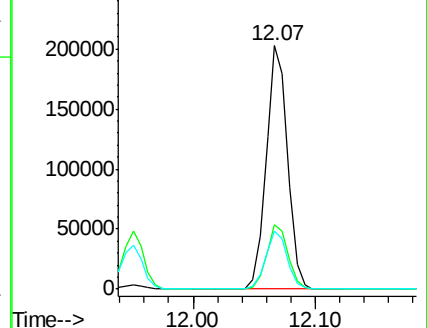
91 23.8 11.9 35.7

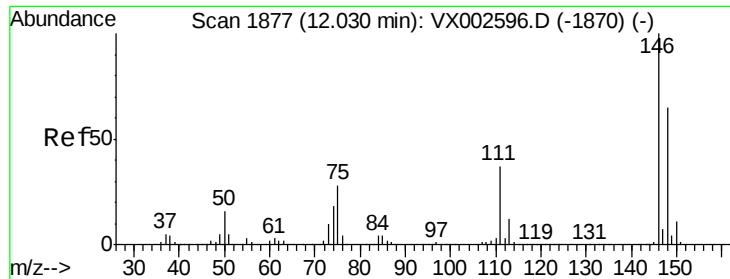


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.91 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampled :

VX0615WBSD01

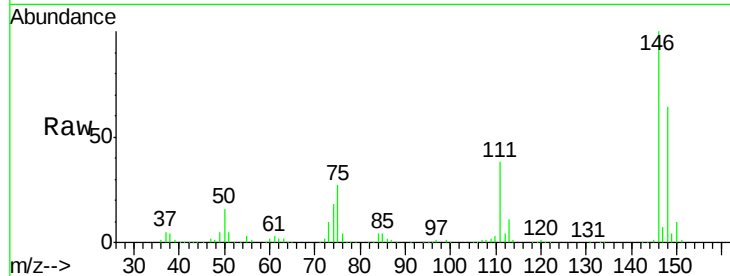
Tot Ion:146 Resp: 134198

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.7

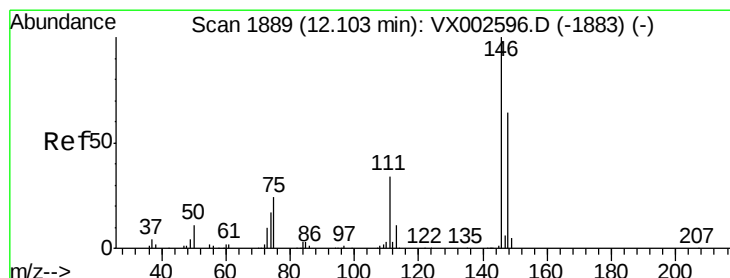
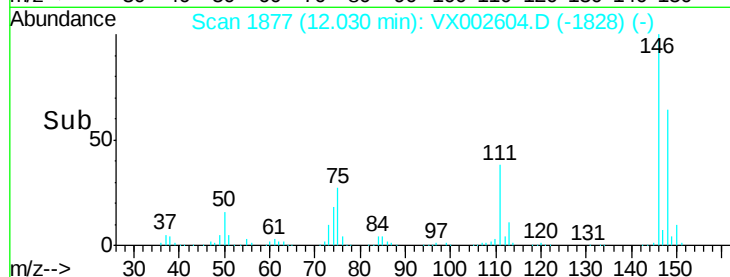
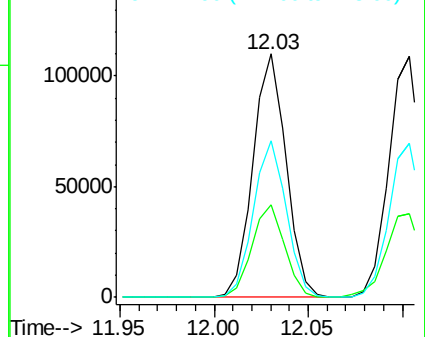
148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.14 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

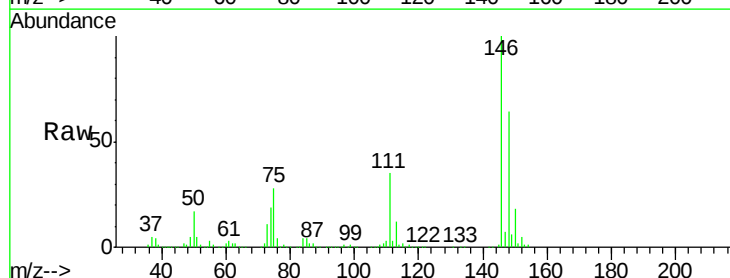
Tgt Ion:146 Resp: 136326

Ion Ratio Lower Upper

146 100

111 37.4 18.7 56.1

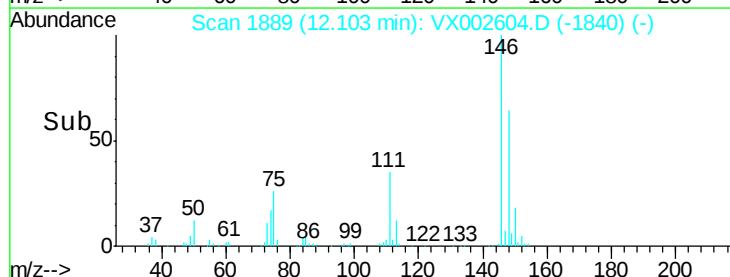
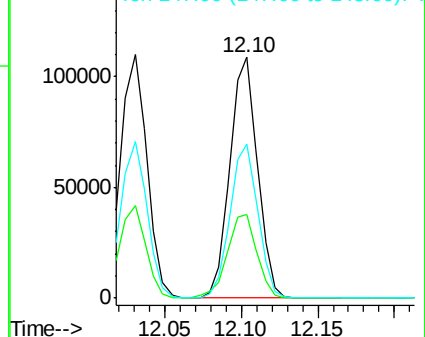
148 64.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

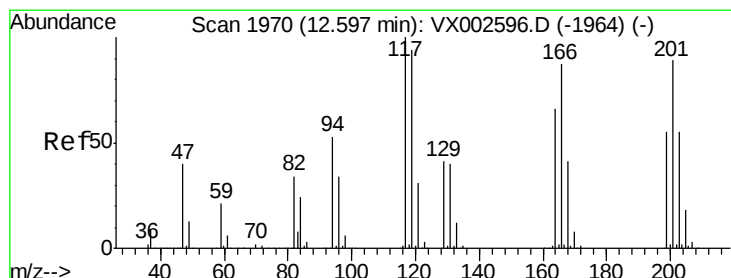
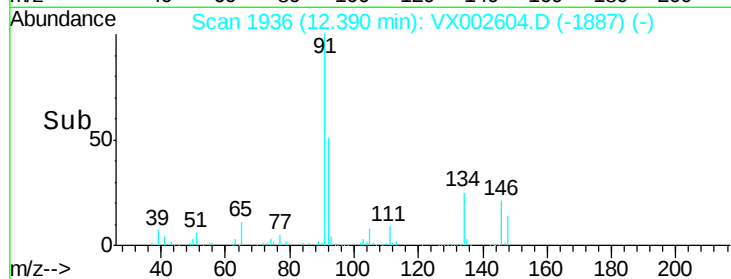
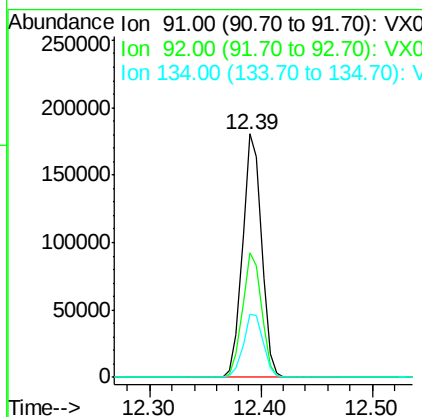
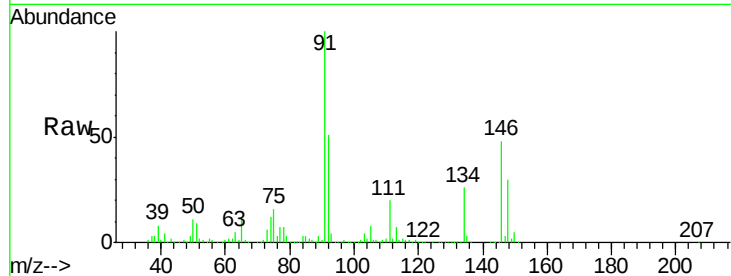




#89
n-Butylbenzene
Concen: 20.12 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

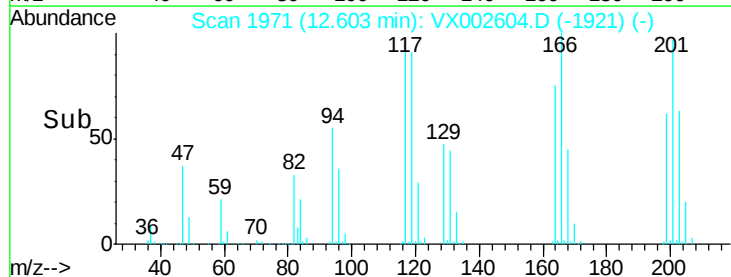
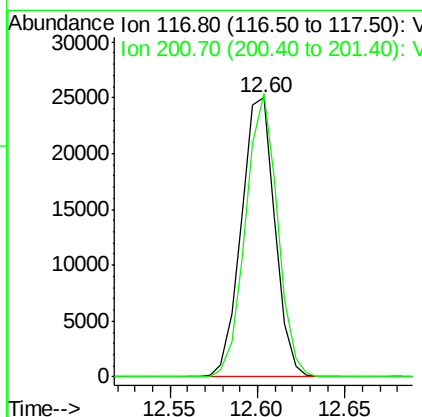
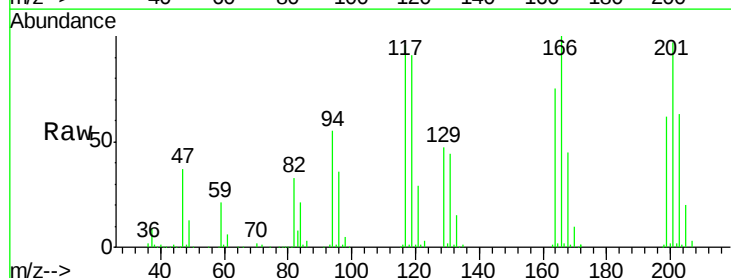
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBSD01

Tot Ion: 91 Resp: 212976
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 26.9 13.5 40.5



#90
Hexachloroethane
Concen: 19.54 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002604.D
Acq: 15 Jun 2018 18:50

Tgt Ion: 117 Resp: 33391
Ion Ratio Lower Upper
117 100
201 95.7 49.0 147.0

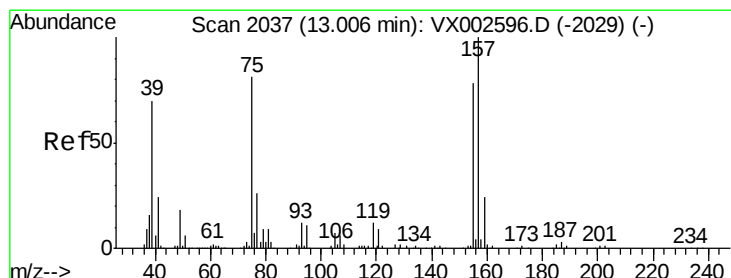
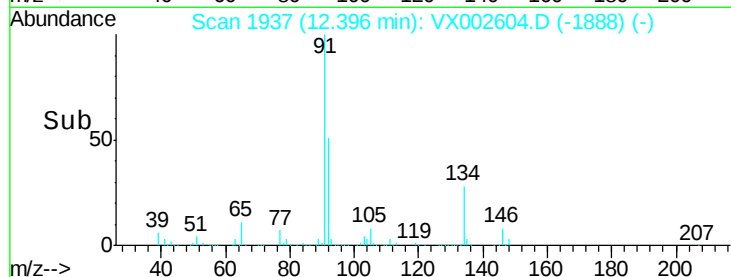
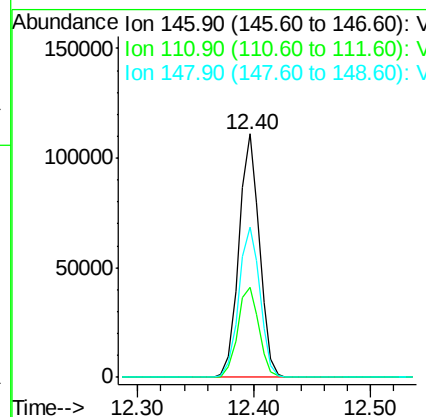
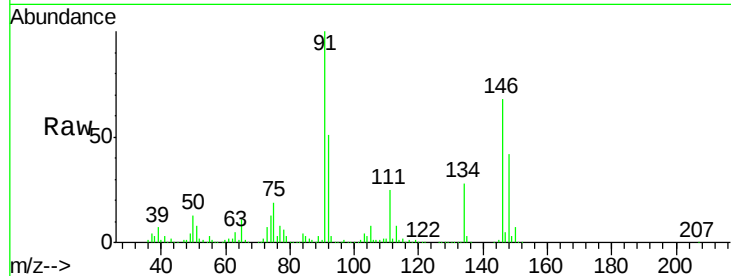




#91
 1,2-Dichlorobenzene
 Concen: 20.25 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

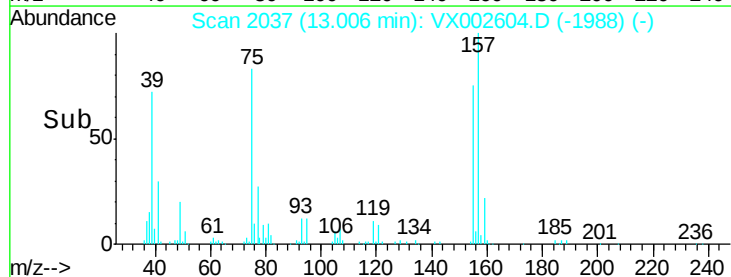
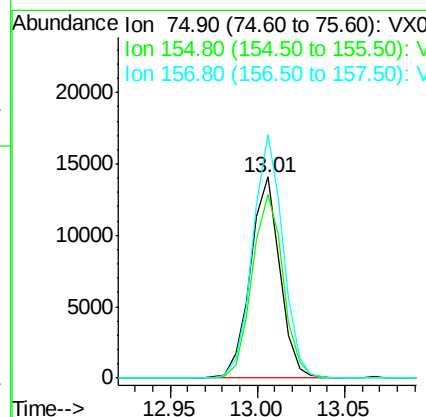
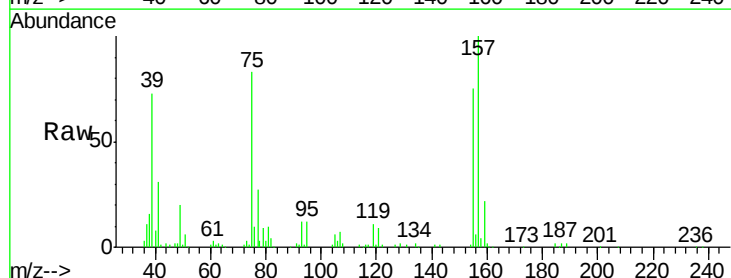
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

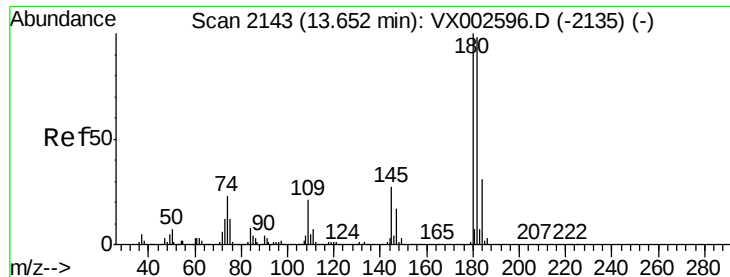
Tot Ion:146 Resp: 136444
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.1
 148 63.6 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.44 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

Tgt Ion: 75 Resp: 16566
 Ion Ratio Lower Upper
 75 100
 155 95.7 45.8 137.4
 157 123.5 60.1 180.3

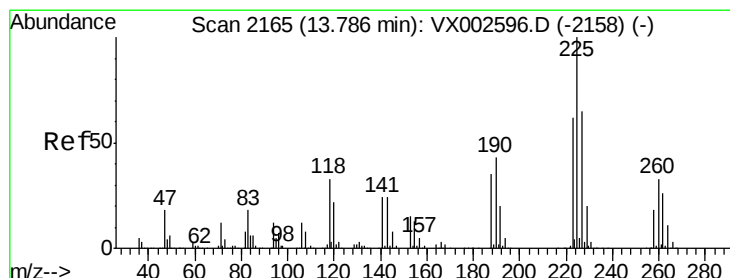
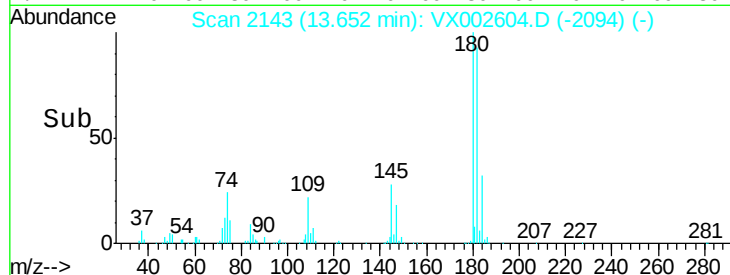
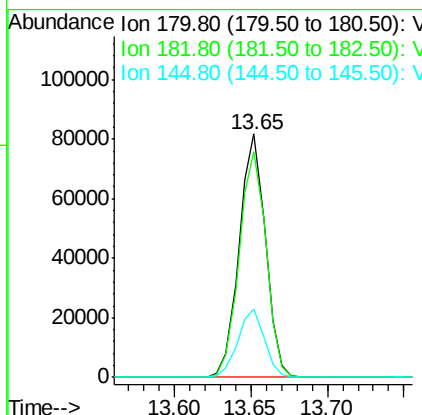
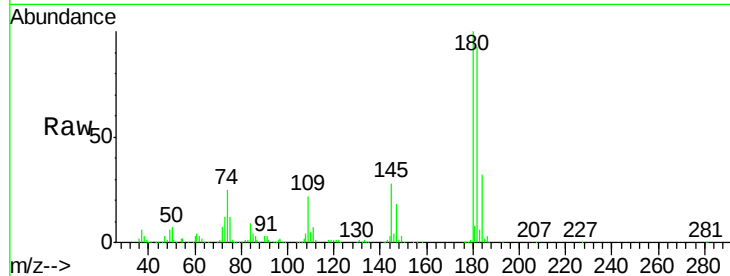




#93
 1,2,4-Trichlorobenzene
 Concen: 19.92 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

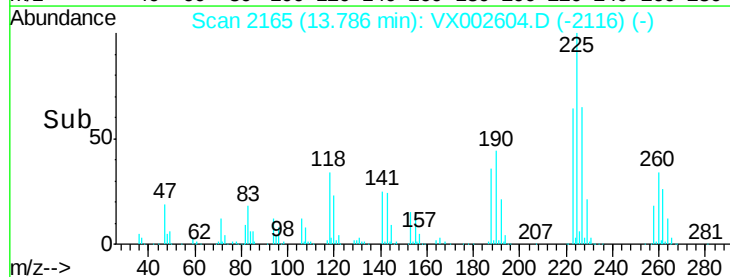
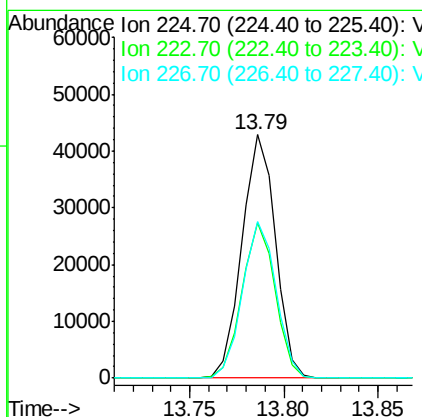
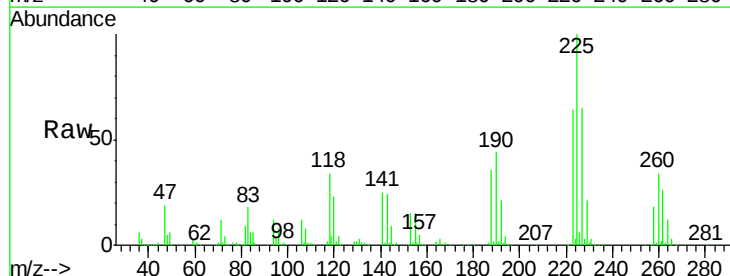
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Tot Ion:180 Resp: 97390
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.7 143.1
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.56 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002604.D
 Acq: 15 Jun 2018 18:50

Tgt Ion:225 Resp: 52970
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 95.0
 227 64.6 32.4 97.2





#95

Naphthalene

Concen: 21.13 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBSD01

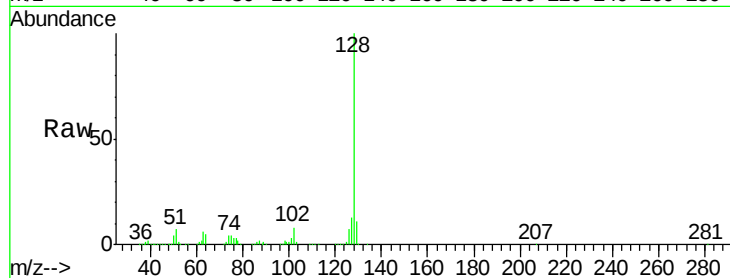
Tot Ion:128 Resp: 278035

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

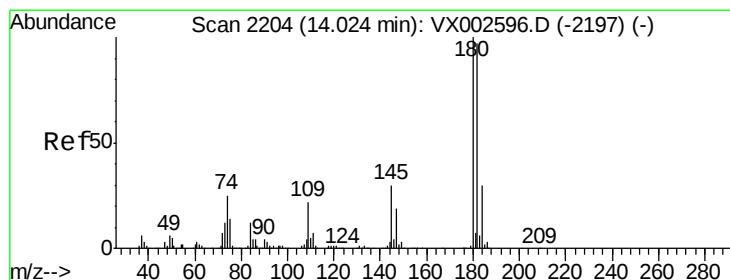
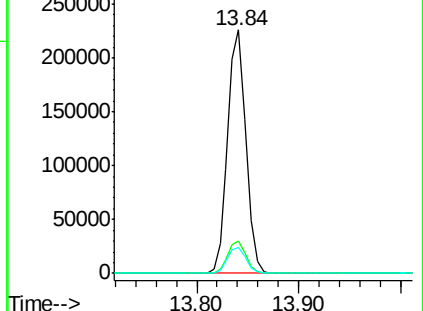
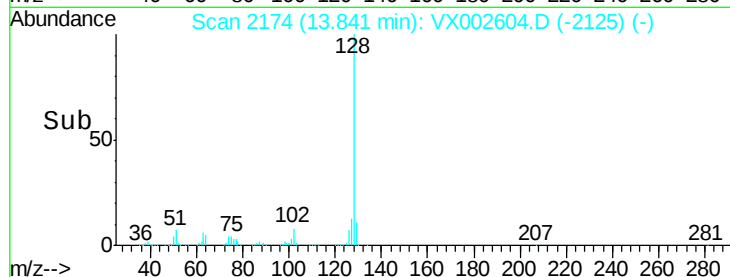
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.33 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002604.D

Acq: 15 Jun 2018 18:50

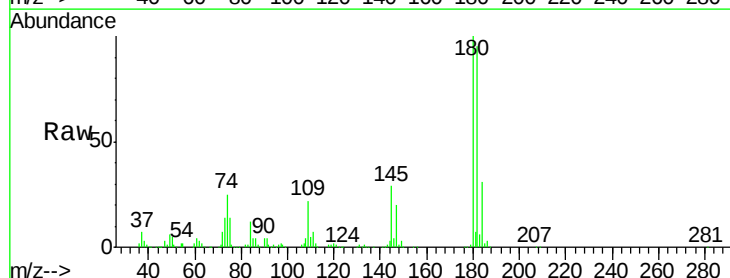
Tgt Ion:180 Resp: 99836

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.0

145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

