

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002603.D
 Acq On : 15 Jun 2018 18:23
 Operator : JC/MD
 Sample : VX0615WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

Quant Time: Jun 15 23:51:03 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	222932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188174	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	162752	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
35) Dibromofluoromethane	5.51	113	124004	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
50) Toluene-d8	8.72	98	479016	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.14	95	177596	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46943	19.84	ug/l	100
3) Chloromethane	1.32	50	53561	19.03	ug/l	96
4) Vinyl Chloride	1.40	62	57460	19.67	ug/l	99
5) Bromomethane	1.64	94	38180	21.66	ug/l	100
6) Chloroethane	1.72	64	38602	20.05	ug/l	97
7) Trichlorofluoromethane	1.93	101	97756	20.60	ug/l	98
8) Diethyl Ether	2.19	74	36630	20.29	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54777	20.65	ug/l	98
10) Methyl Iodide	2.51	142	45841	16.66	ug/l	99
11) Tert butyl alcohol	3.07	59	71144	101.59	ug/l	98
12) 1,1-Dichloroethene	2.37	96	49664	19.94	ug/l	98
13) Acrolein	2.29	56	31159	99.16	ug/l	100
14) Allyl chloride	2.73	41	94595	19.13	ug/l	97
15) Acrylonitrile	3.15	53	157138	102.82	ug/l	100
16) Acetone	2.45	43	144356	96.58	ug/l	98
17) Carbon Disulfide	2.57	76	117887	19.95	ug/l	100
18) Methyl Acetate	2.78	43	80263	20.16	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	186527	19.96	ug/l	100
20) Methylene Chloride	2.86	84	55446	18.09	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	54527	20.18	ug/l	97
22) Diisopropyl ether	3.87	45	174070	19.45	ug/l	95
23) Vinyl Acetate	3.82	43	784361	104.73	ug/l	99
24) 1,1-Dichloroethane	3.70	63	105727	21.77	ug/l	99
25) 2-Butanone	4.71	43	199772	101.78	ug/l	98
26) 2,2-Dichloropropane	4.59	77	64136	18.38	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	53750	19.55	ug/l	99
28) Bromochloromethane	5.03	49	46175	20.30	ug/l	99
29) Tetrahydrofuran	5.17	42	130134	101.16	ug/l	98
30) Chloroform	5.22	83	93524	19.97	ug/l	95
31) Cyclohexane	5.58	56	81696	20.43	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	79918	20.40	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67825	20.00	ug/l	99
37) Ethyl Acetate	4.87	43	78753	20.52	ug/l	98
38) Carbon Tetrachloride	5.79	117	69293	20.52	ug/l	95

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 Sample : VX0615WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

Quant Time: Jun 15 23:51:03 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)
39) Methylcyclohexane	7.46	83	82880	20.91	ug/l	98
40) Benzene	6.15	78	202179	19.89	ug/l	98
41) Methacrylonitrile	5.07	41	44318	20.45	ug/l	98
42) 1,2-Dichloroethane	6.20	62	80556	20.47	ug/l	100
43) Isopropyl Acetate	6.47	43	125949	19.81	ug/l	99
44) Trichloroethene	7.21	130	58682	20.00	ug/l	99
45) 1,2-Dichloropropane	7.52	63	54581	20.40	ug/l	98
46) Dibromomethane	7.67	93	36102	20.17	ug/l	99
47) Bromodichloromethane	7.90	83	63145	20.00	ug/l	98
48) Methyl methacrylate	7.78	41	65783	20.25	ug/l	99
49) 1,4-Dioxane	7.76	88	25739	418.32	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	428002	104.84	ug/l	99
52) Toluene	8.79	92	132744	20.47	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	74763	19.43	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	66912	18.92	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	52453	20.02	ug/l	98
56) Ethyl methacrylate	9.18	69	81452	20.20	ug/l	99
57) 1,3-Dichloropropane	9.38	76	89938	20.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	196295	100.64	ug/l	99
59) 2-Hexanone	9.50	43	323621	105.20	ug/l	99
60) Dibromochloromethane	9.59	129	49806	19.39	ug/l	99
61) 1,2-Dibromoethane	9.68	107	55946	20.61	ug/l	99
64) Tetrachloroethene	9.34	164	65390	18.96	ug/l	97
65) Chlorobenzene	10.14	112	151707	19.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	52014	20.00	ug/l	99
67) Ethyl Benzene	10.26	91	258926	20.12	ug/l	99
68) m/p-Xylenes	10.36	106	197028	39.69	ug/l	100
69) o-Xylene	10.70	106	97162	19.92	ug/l	98
70) Styrene	10.71	104	159855	19.93	ug/l	99
71) Bromoform	10.86	173	36012	18.58	ug/l #	98
73) Isopropylbenzene	11.02	105	264123	20.99	ug/l	100
74) N-amyl acetate	6.47	43	125949	20.14	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	78132	21.02	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	88306	24.87	ug/l	80
77) Bromobenzene	11.26	156	71128	20.29	ug/l	99
78) n-propylbenzene	11.37	91	301862	20.91	ug/l	100
79) 2-Chlorotoluene	11.43	91	175756	20.40	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	222209	20.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17912	18.97	ug/l	86
82) 4-Chlorotoluene	11.51	91	208859	20.54	ug/l	99
83) tert-Butylbenzene	11.77	119	218251	21.30	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	225993	20.82	ug/l	98
85) sec-Butylbenzene	11.95	105	268330	21.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	241406	20.94	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	128886	19.91	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132295	20.35	ug/l	100
89) n-Butylbenzene	12.39	91	209790	20.63	ug/l	99
90) Hexachloroethane	12.60	117	32387	19.70	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	130984	20.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16239	20.86	ug/l	100

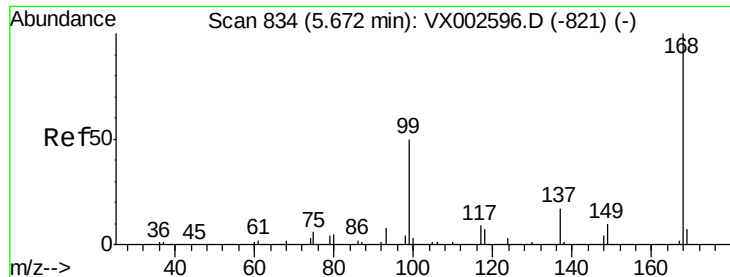
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002603.D
Acq On : 15 Jun 2018 18:23
Operator : JC/MD
Sample : VX0615WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

Quant Time: Jun 15 23:51:03 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	95217	20.27	ug/l	100
94) Hexachlorobutadiene	13.79	225	52313	21.14	ug/l	97
95) Naphthalene	13.84	128	266259	21.07	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	97043	20.57	ug/l	99

(#) = 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: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

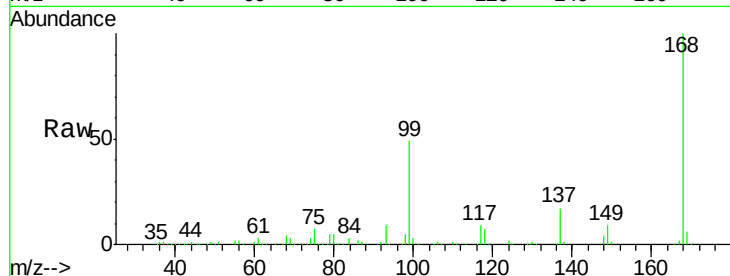
VX0615WBS01

Tot Ion:168 Resp: 222932

Ion Ratio Lower Upper

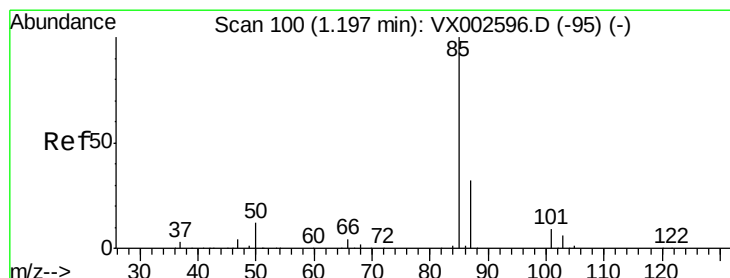
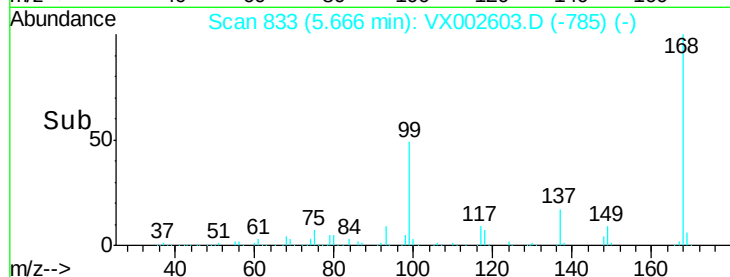
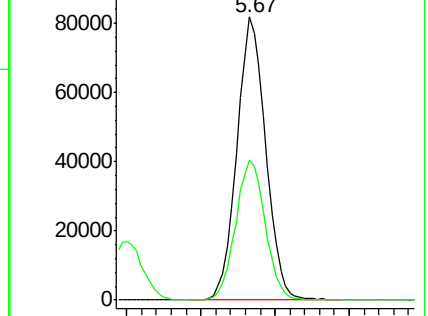
168 100

99 49.3 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: 19.84 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002603.D

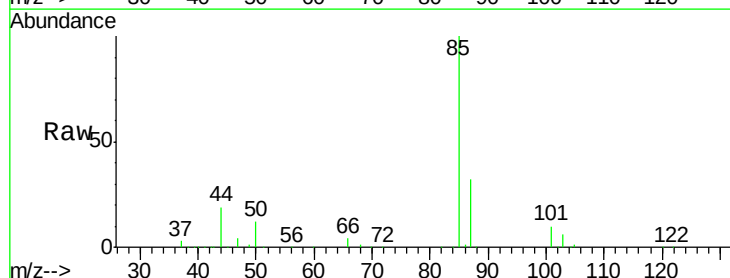
Acq: 15 Jun 2018 18:23

Tgt Ion: 85 Resp: 46943

Ion Ratio Lower Upper

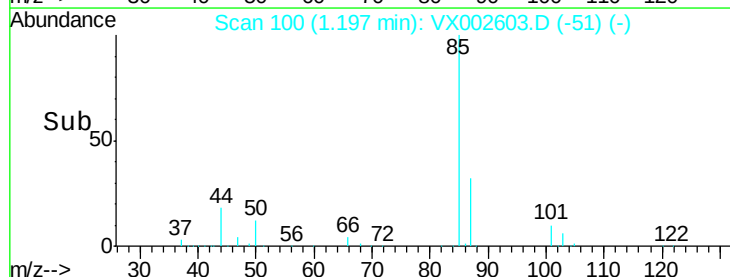
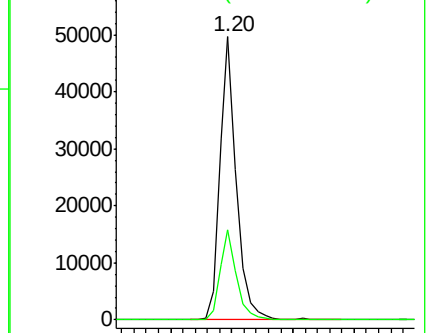
85 100

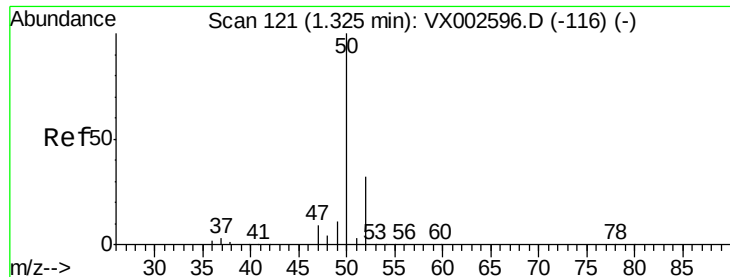
87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

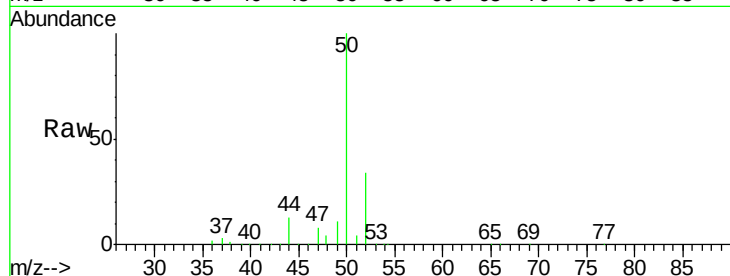
VX0615WBS01

Tot Ion: 50 Resp: 53561

Ion Ratio Lower Upper

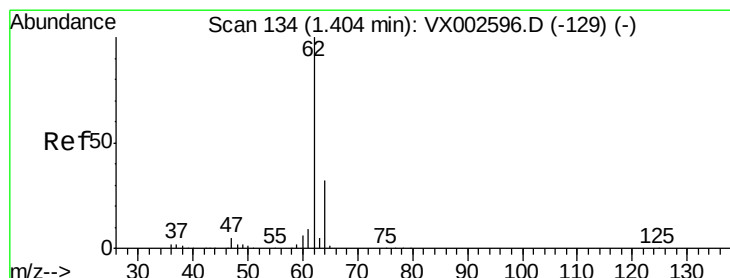
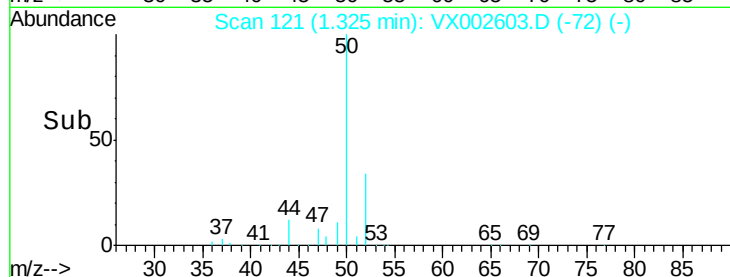
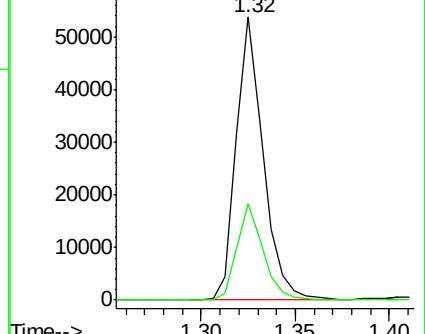
50 100

52 34.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.67 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002603.D

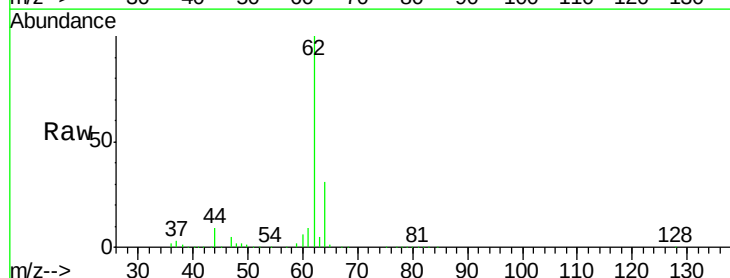
Acq: 15 Jun 2018 18:23

Tgt Ion: 62 Resp: 57460

Ion Ratio Lower Upper

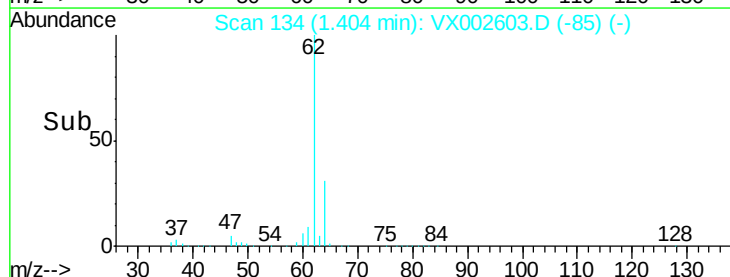
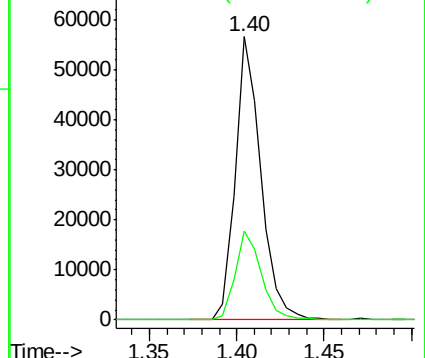
62 100

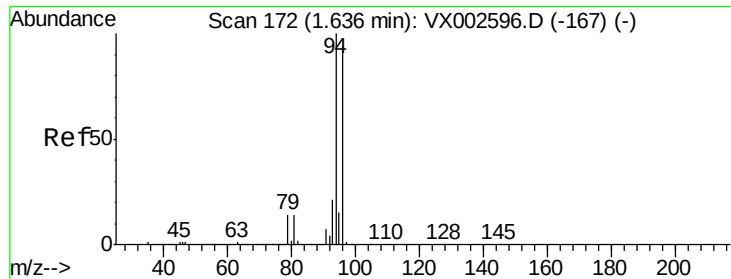
64 31.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.66 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

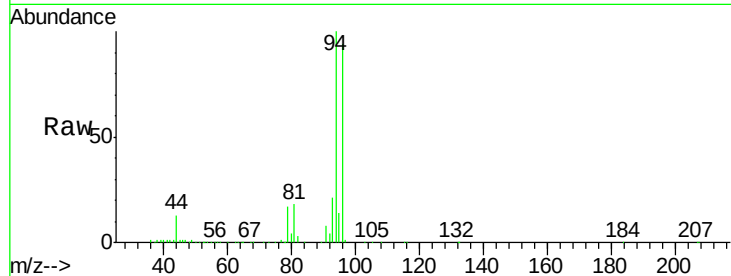
VX0615WBS01

Tot Ion: 94 Resp: 38180

Ion Ratio Lower Upper

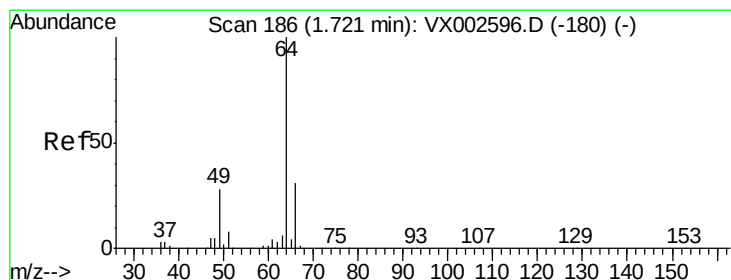
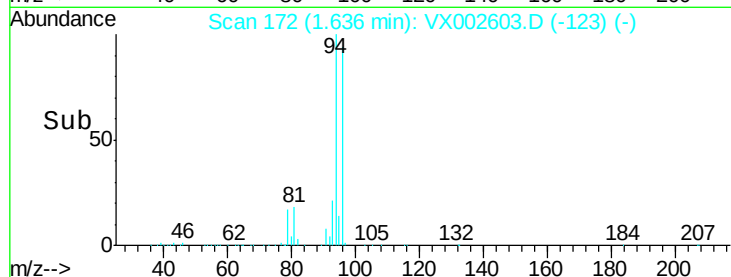
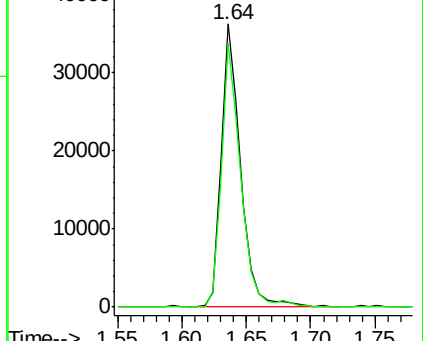
94 100

96 93.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.05 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002603.D

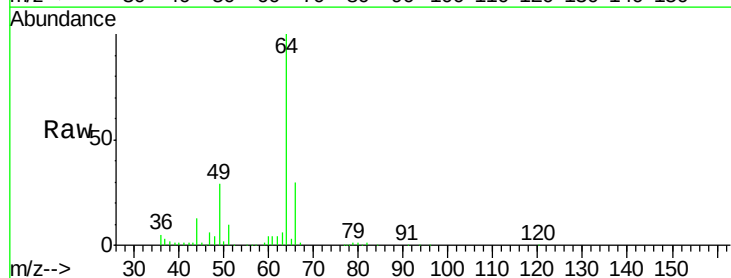
Acq: 15 Jun 2018 18:23

Tgt Ion: 64 Resp: 38602

Ion Ratio Lower Upper

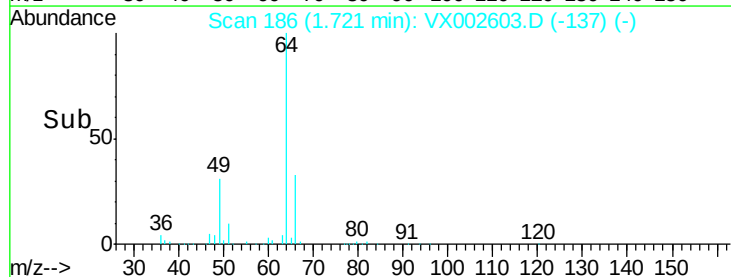
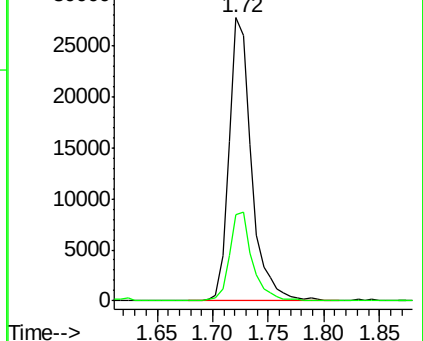
64 100

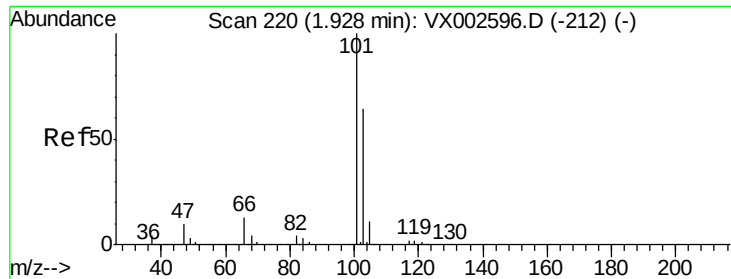
66 30.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



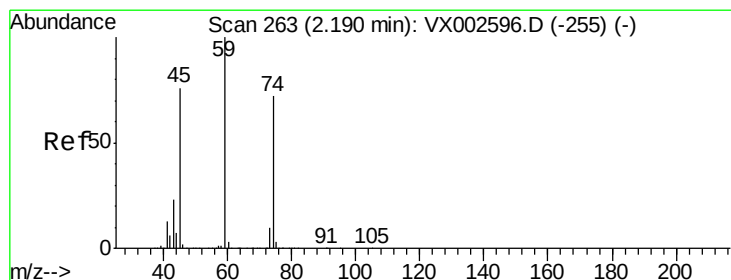
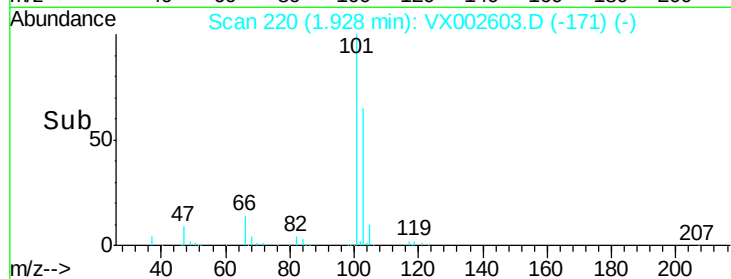
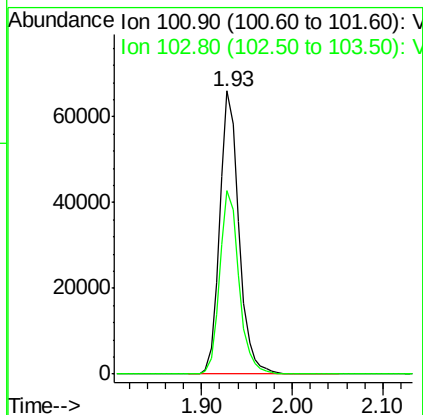
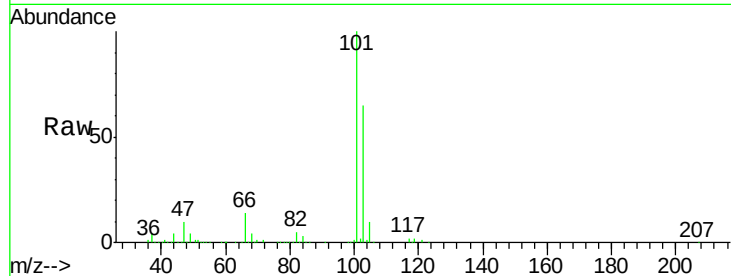


#7

Trichlorofluoromethane
 Concen: 20.60 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

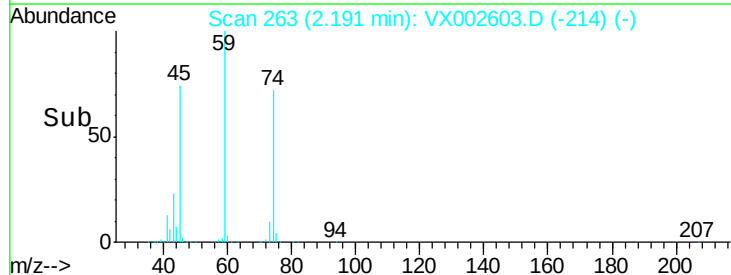
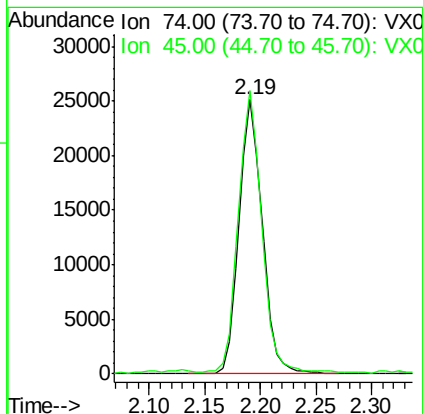
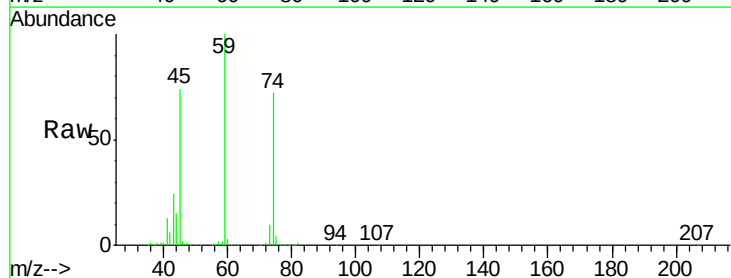
Tot Ion:101 Resp: 97756
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.8 79.2

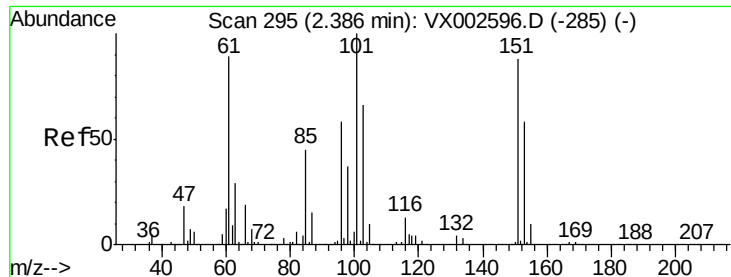


#8

Diethyl Ether
 Concen: 20.29 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Tgt Ion: 74 Resp: 36630
 Ion Ratio Lower Upper
 74 100
 45 101.8 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.65 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

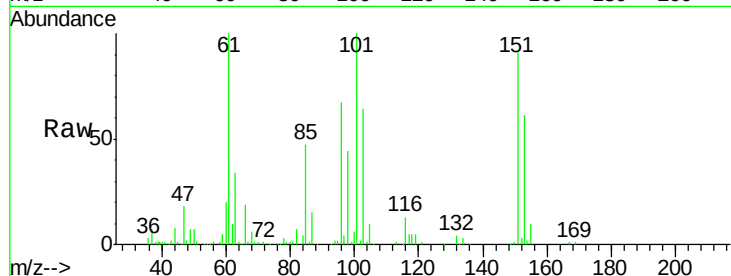
Tot Ion:101 Resp: 54777

Ion Ratio Lower Upper

101 100

85 46.5 36.0 54.0

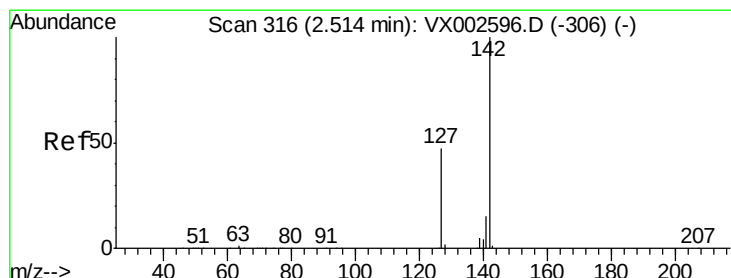
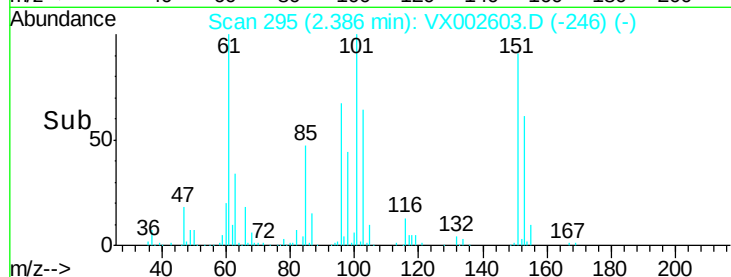
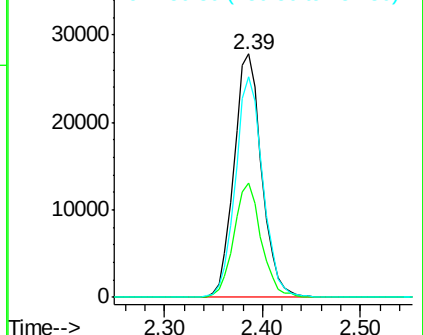
151 89.7 70.9 106.3



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: 16.66 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

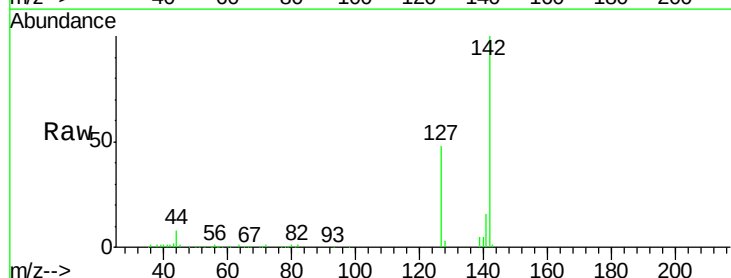
Tgt Ion:142 Resp: 45841

Ion Ratio Lower Upper

142 100

127 46.5 36.6 55.0

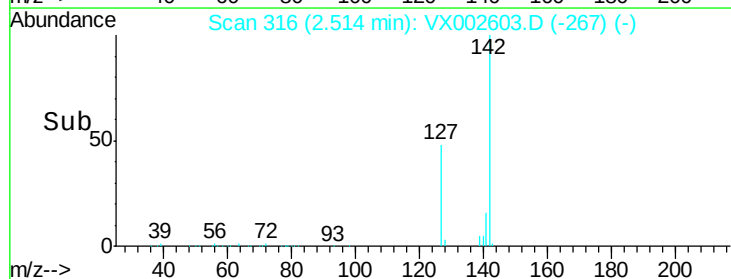
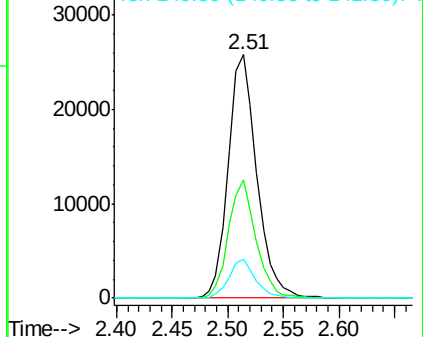
141 14.9 11.3 16.9

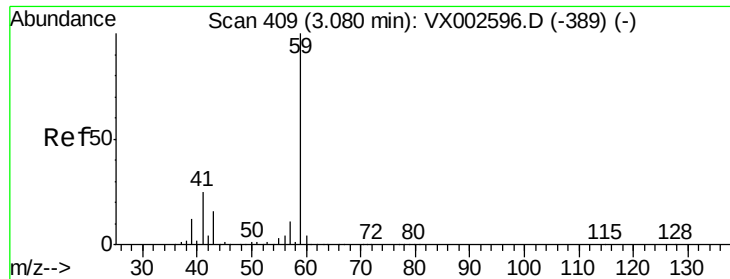


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



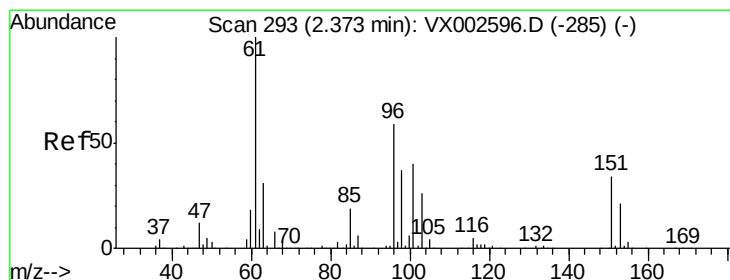
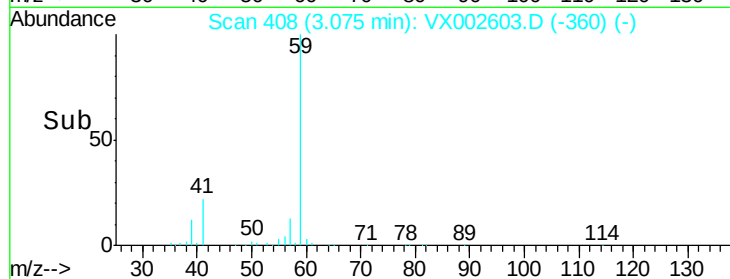
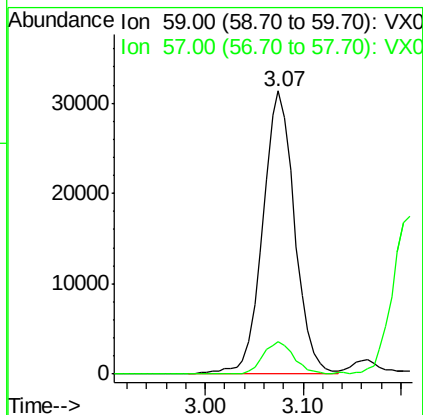
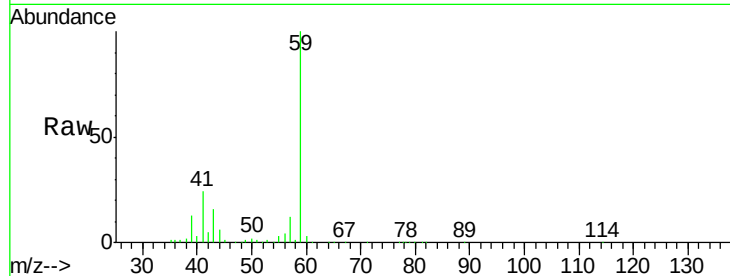


#11

Tert butyl alcohol
 Concen: 101.59 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

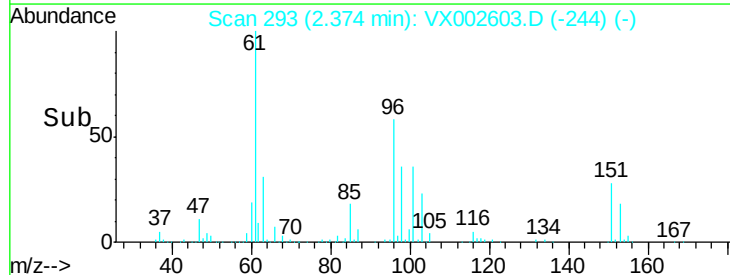
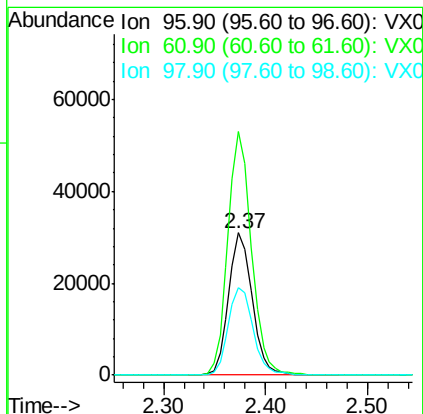
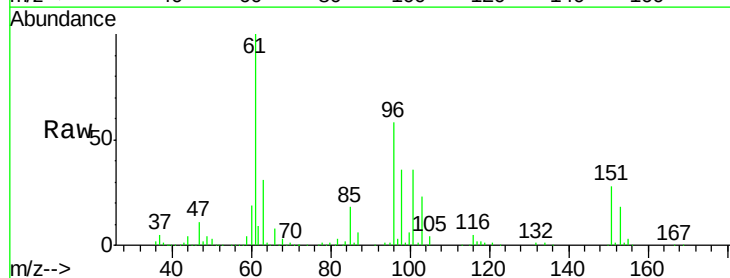
Tot Ion: 59 Resp: 71144
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.2 12.2

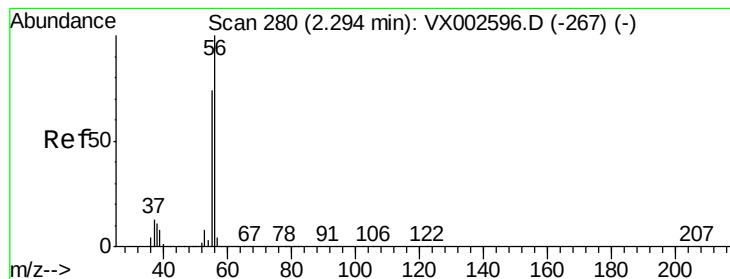


#12

1,1-Dichloroethene
 Concen: 19.94 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Tgt Ion: 96 Resp: 49664
 Ion Ratio Lower Upper
 96 100
 61 171.1 137.9 206.9
 98 61.6 51.6 77.4





#13

Acrolein

Concen: 99.16 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

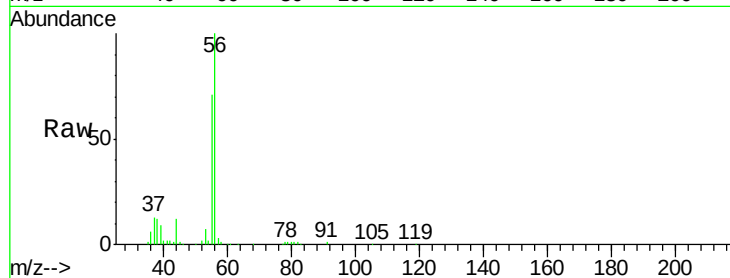
VX0615WBS01

Tot Ion: 56 Resp: 31159

Ion Ratio Lower Upper

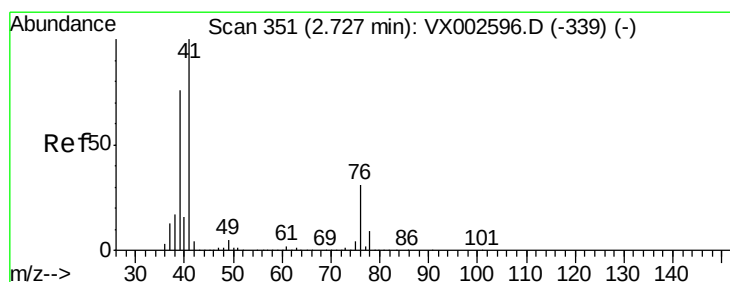
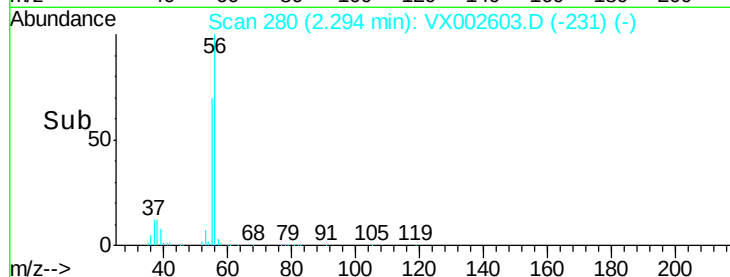
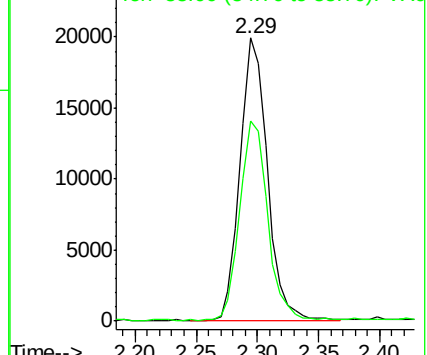
56 100

55 71.2 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.13 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

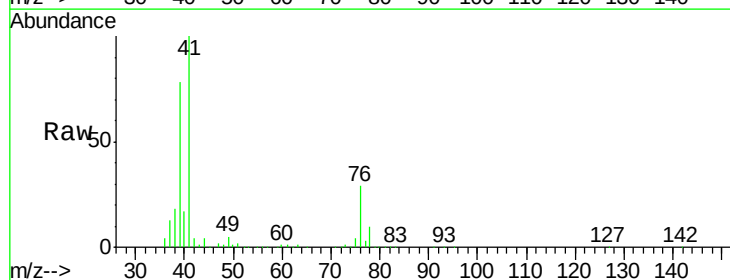
Tgt Ion: 41 Resp: 94595

Ion Ratio Lower Upper

41 100

39 74.1 56.8 85.2

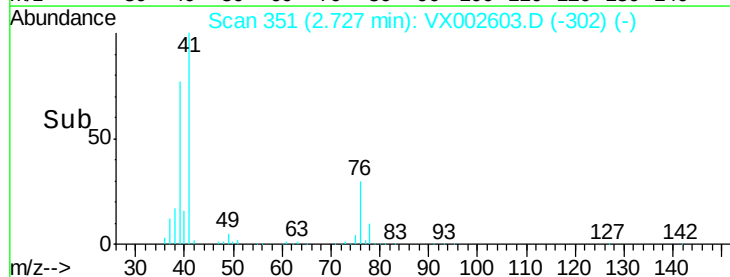
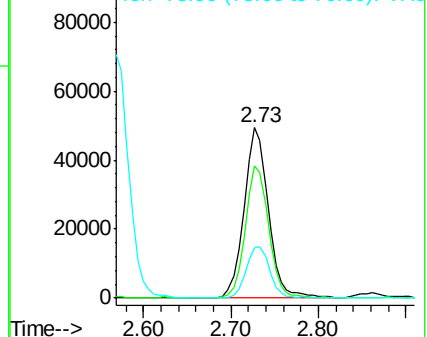
76 29.8 23.8 35.8

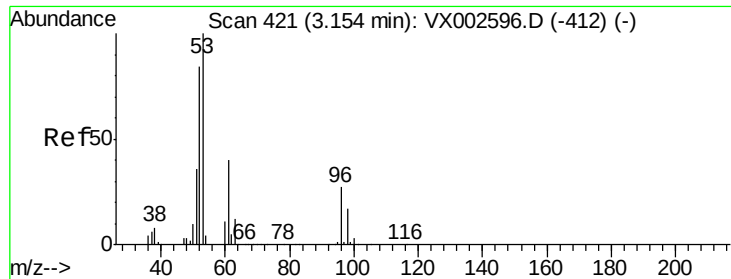


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.82 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampled :

VX0615WBS01

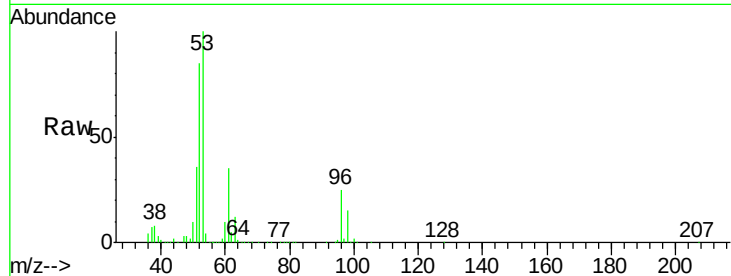
Tot Ion: 53 Resp: 157138

Ion Ratio Lower Upper

53 100

52 83.1 66.7 100.1

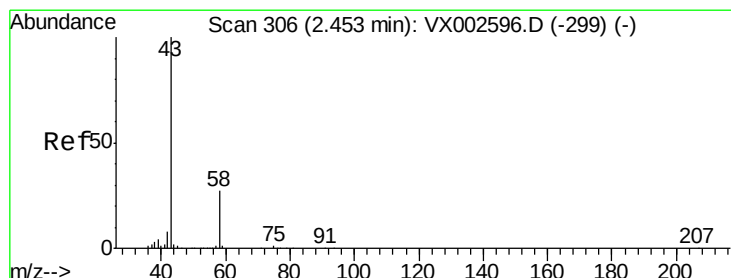
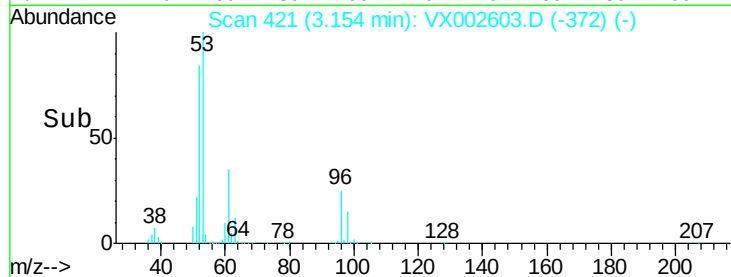
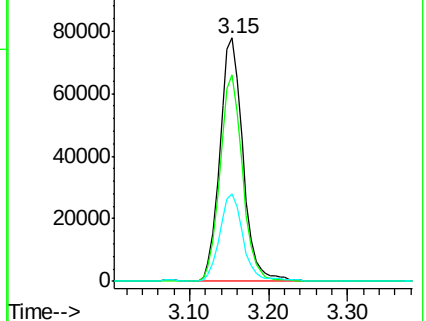
51 37.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.58 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002603.D

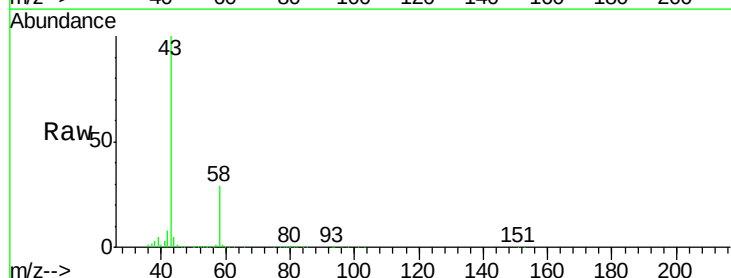
Acq: 15 Jun 2018 18:23

Tgt Ion: 43 Resp: 144356

Ion Ratio Lower Upper

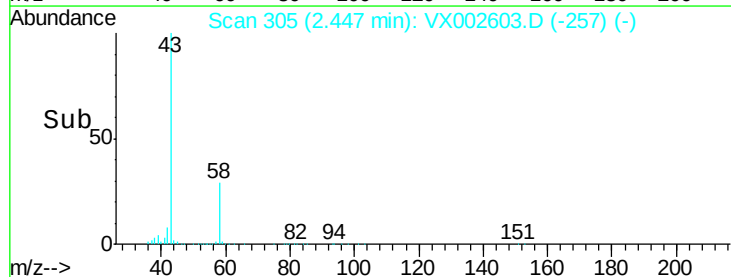
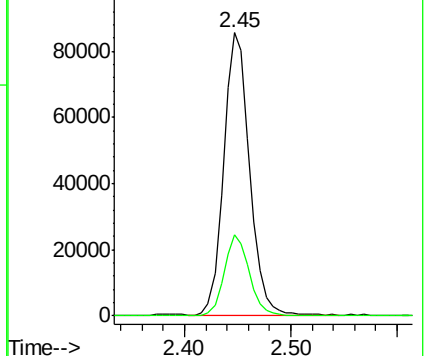
43 100

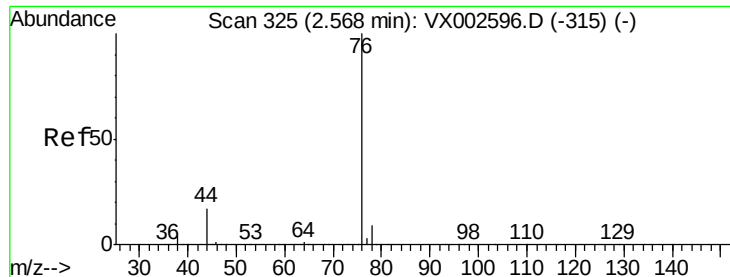
58 28.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.95 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

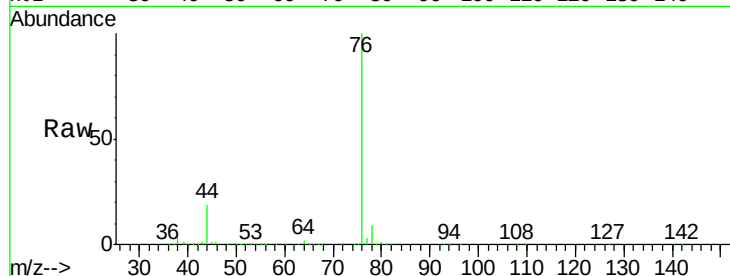
VX0615WBS01

Tot Ion: 76 Resp: 117887

Ion Ratio Lower Upper

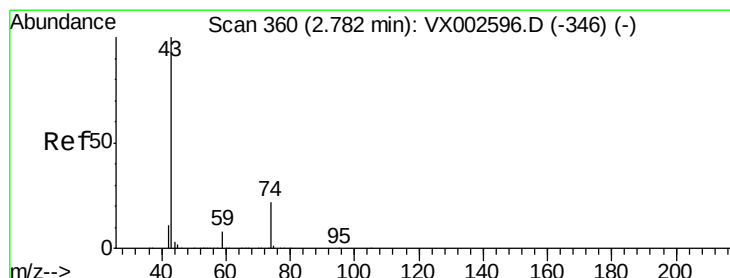
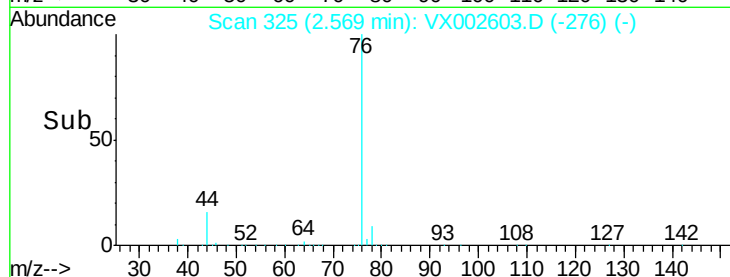
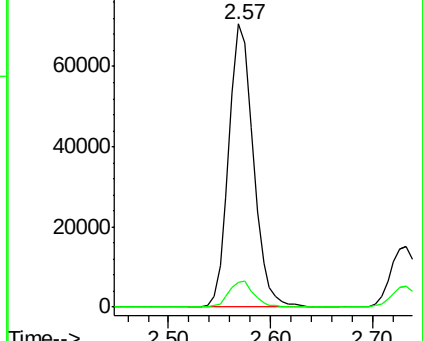
76 100

78 8.8 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.16 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002603.D

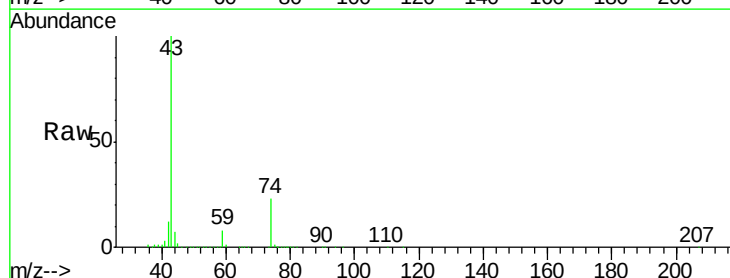
Acq: 15 Jun 2018 18:23

Tgt Ion: 43 Resp: 80263

Ion Ratio Lower Upper

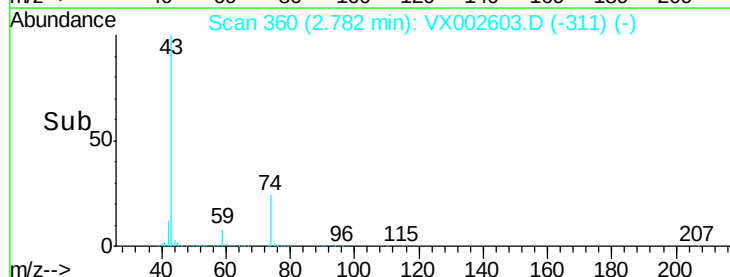
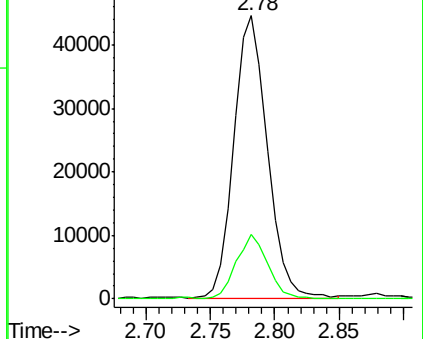
43 100

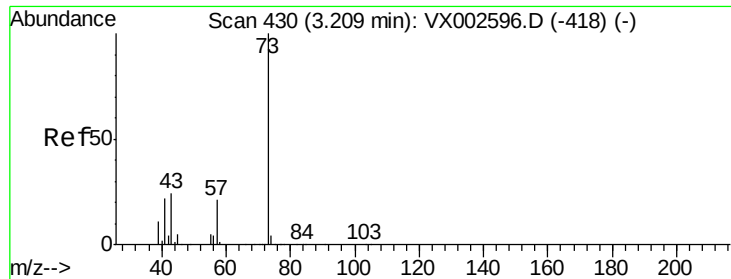
74 21.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 19.96 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

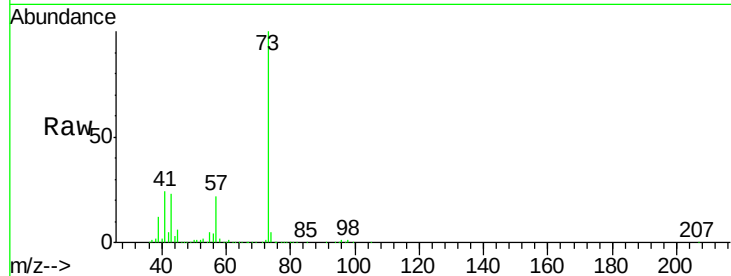
VX0615WBS01

Tot Ion: 73 Resp: 186527

Ion Ratio Lower Upper

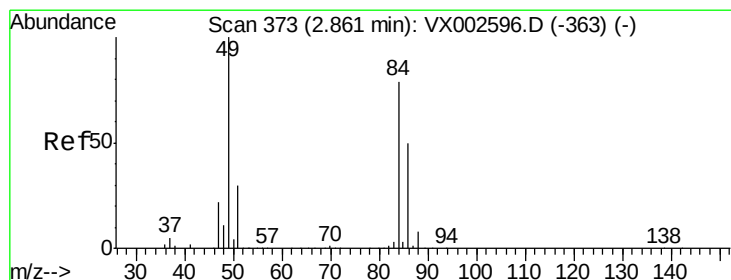
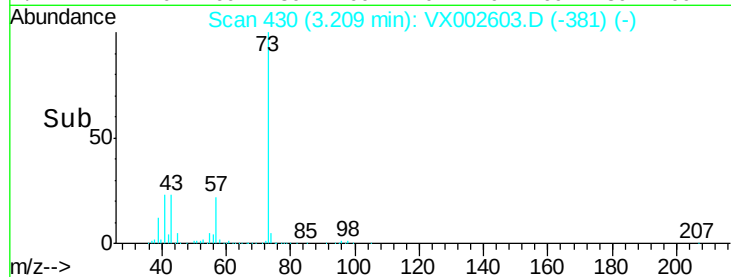
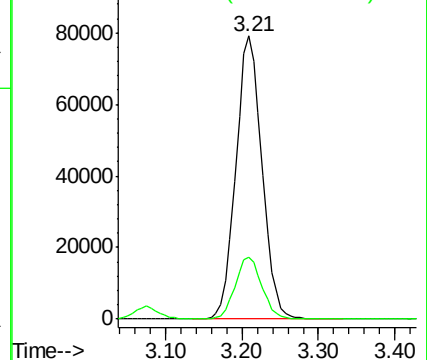
73 100

57 22.0 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 18.09 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Tgt Ion: 84 Resp: 55446

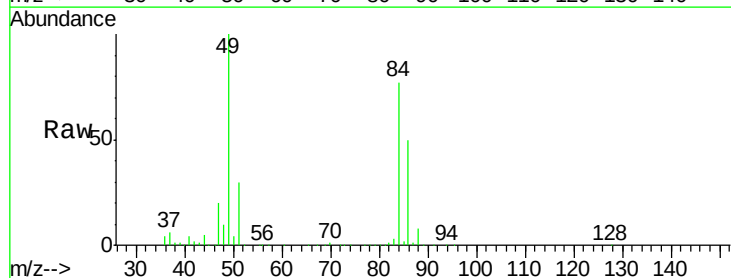
Ion Ratio Lower Upper

84 100

49 130.4 107.8 161.6

51 38.8 32.8 49.2

86 64.9 52.5 78.7

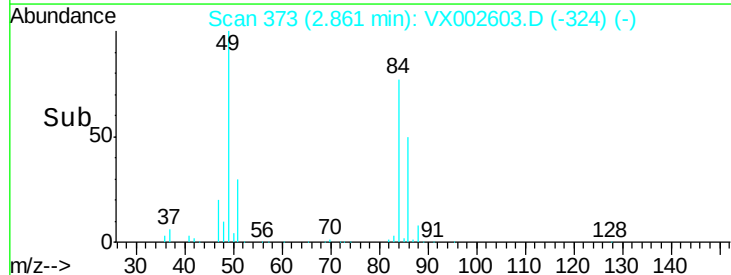
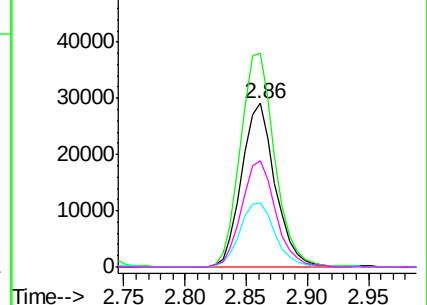


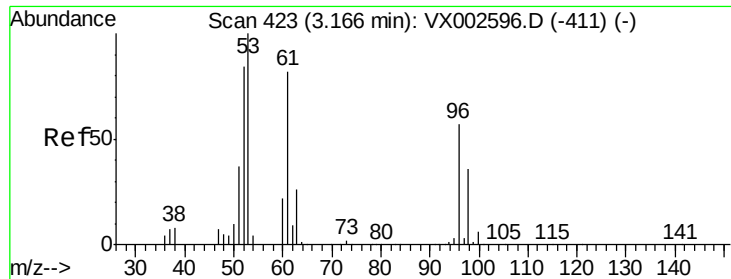
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 20.18 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampled :

VX0615WBS01

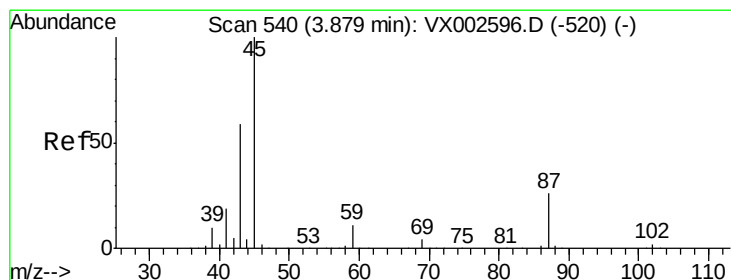
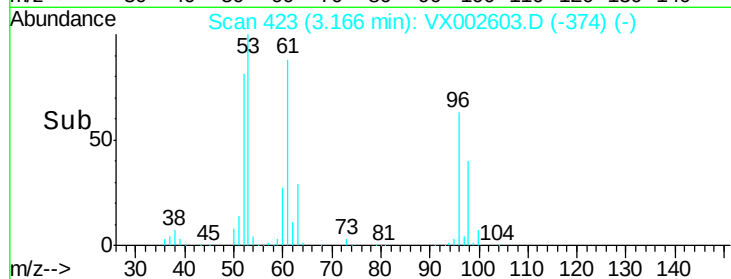
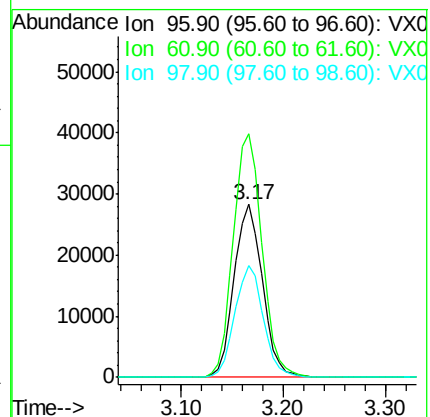
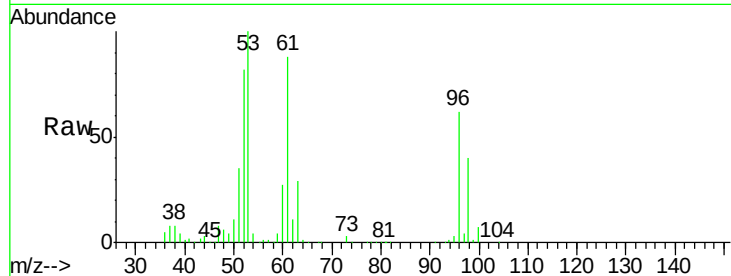
Tot Ion: 96 Resp: 54527

Ion Ratio Lower Upper

96 100

61 140.8 117.0 175.4

98 64.4 52.4 78.6



#22

Diisopropyl ether

Concen: 19.45 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Tgt Ion: 45 Resp: 174070

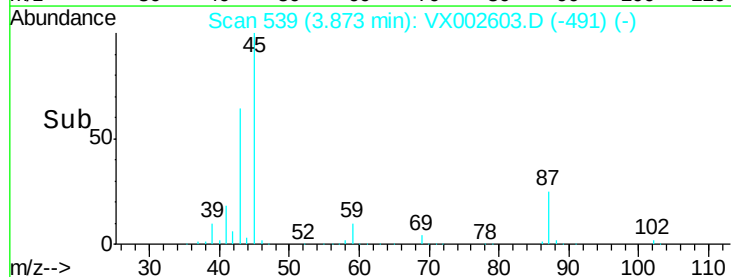
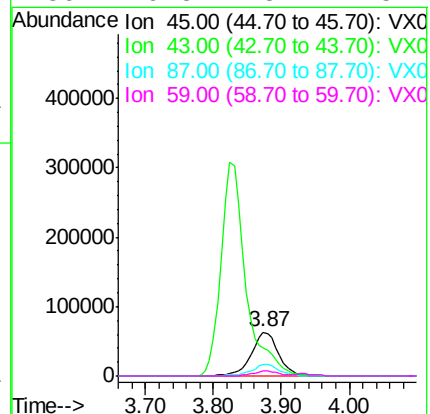
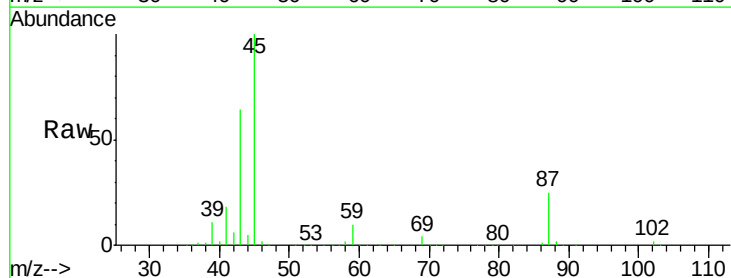
Ion Ratio Lower Upper

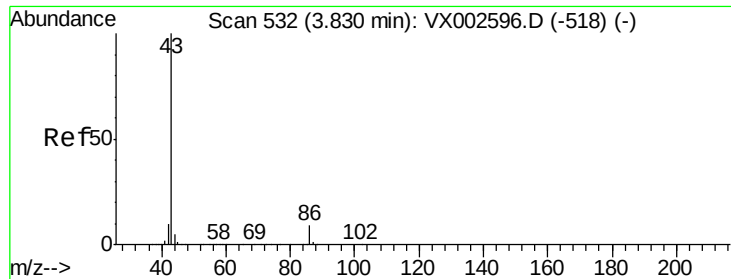
45 100

43 63.9 46.8 70.2

87 25.1 20.2 30.4

59 10.3 8.7 13.1





#23

Vinyl Acetate

Concen: 104.73 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

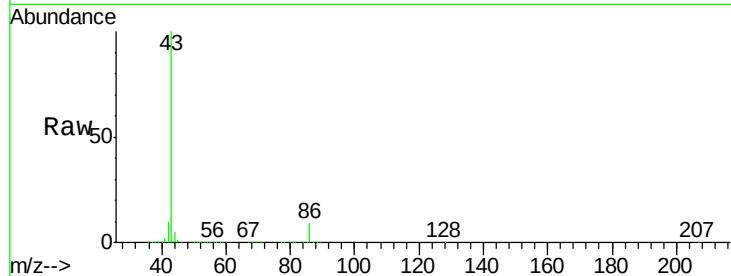
VX0615WBS01

Tot Ion: 43 Resp: 784361

Ion Ratio Lower Upper

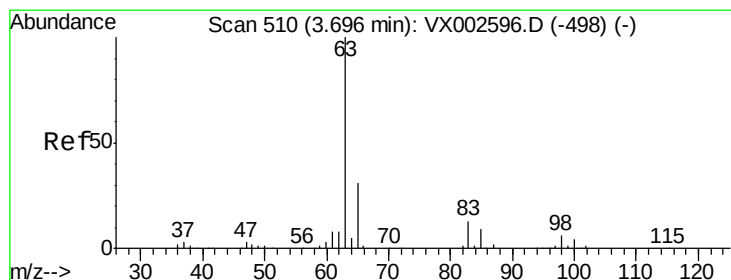
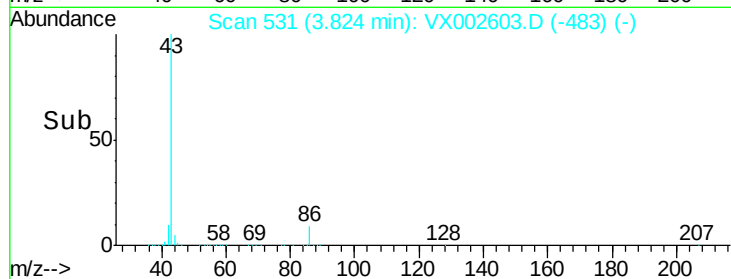
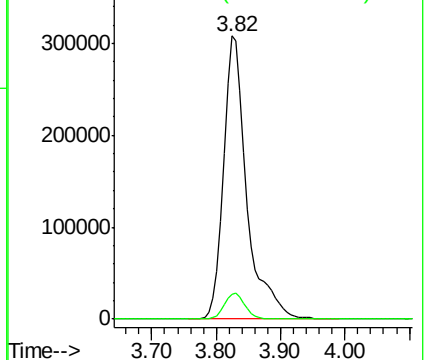
43 100

86 8.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.77 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

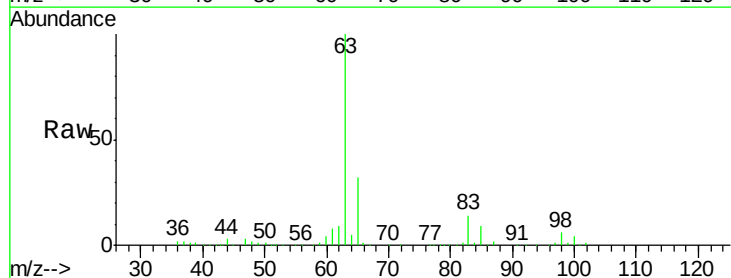
Tgt Ion: 63 Resp: 105727

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

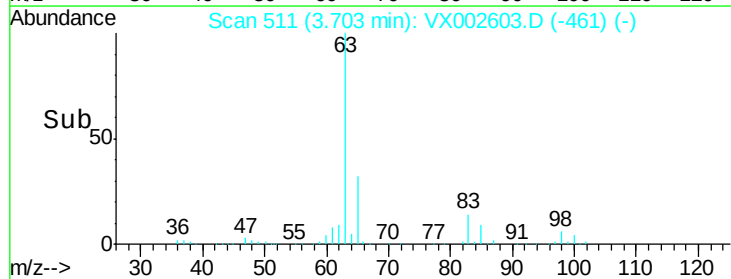
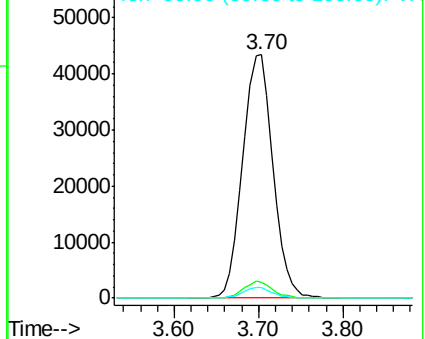
100 4.4 2.0 6.0

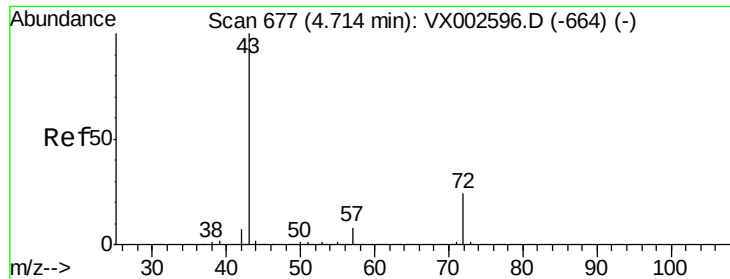


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.78 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

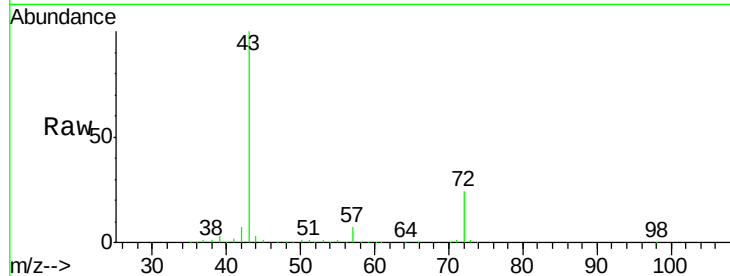
VX0615WBS01

Tot Ion: 43 Resp: 199772

Ion Ratio Lower Upper

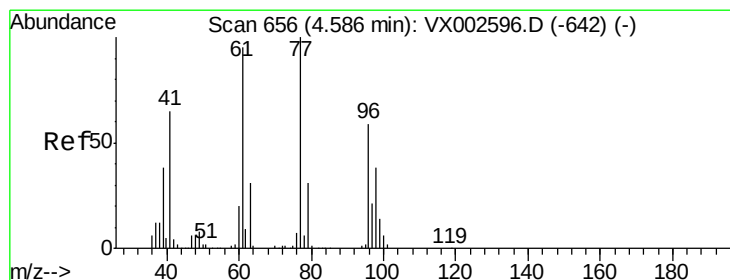
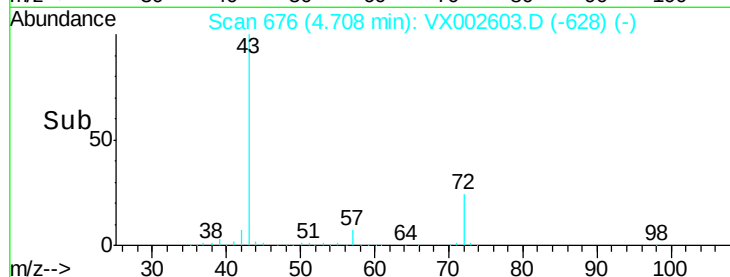
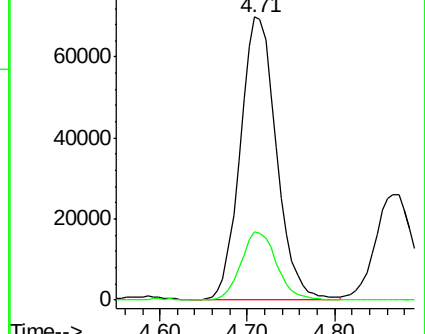
43 100

72 23.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.38 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002603.D

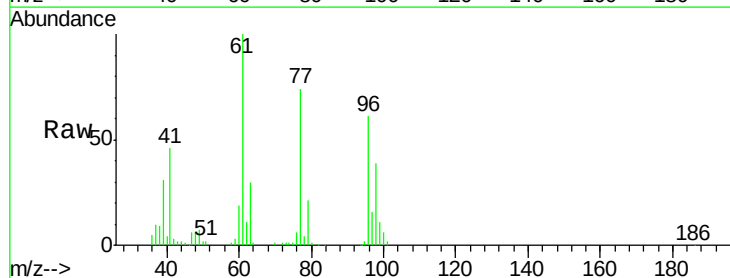
Acq: 15 Jun 2018 18:23

Tgt Ion: 77 Resp: 64136

Ion Ratio Lower Upper

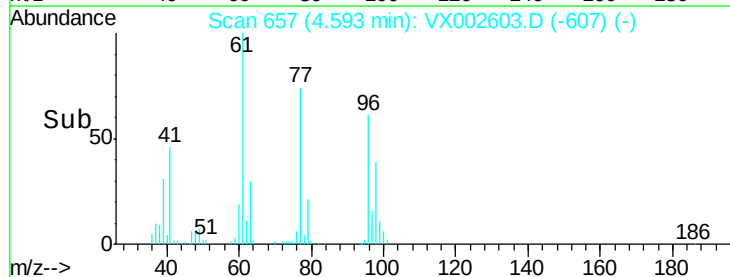
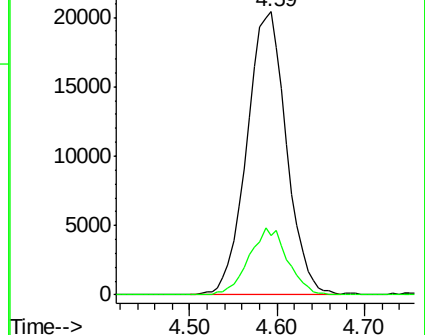
77 100

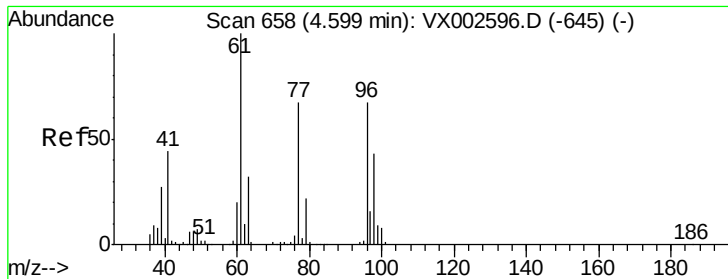
97 23.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.55 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

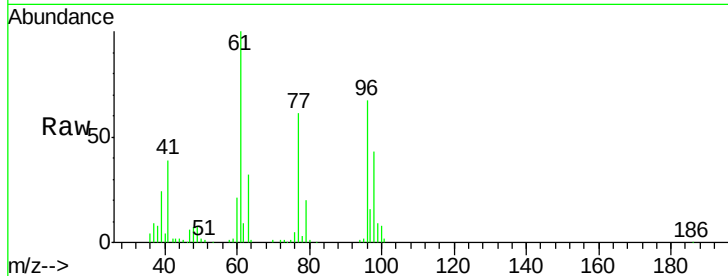
Tot Ion: 96 Resp: 53750

Ion Ratio Lower Upper

96 100

61 163.7 0.0 330.2

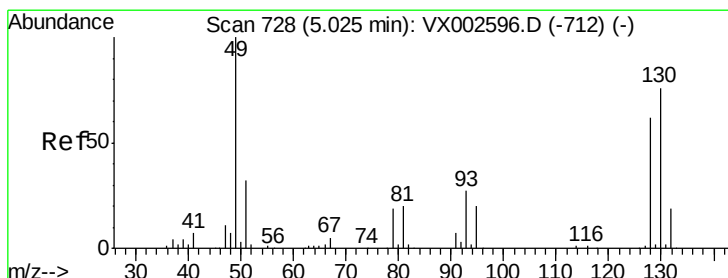
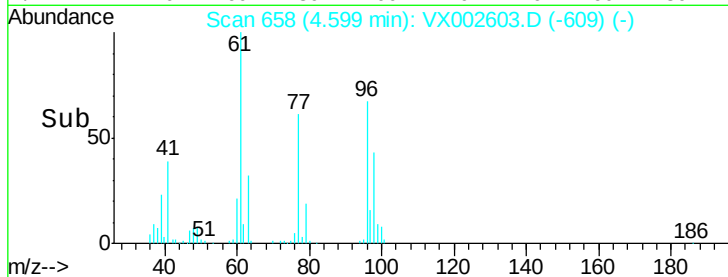
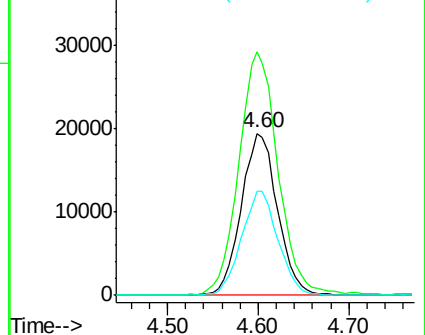
98 65.1 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.30 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

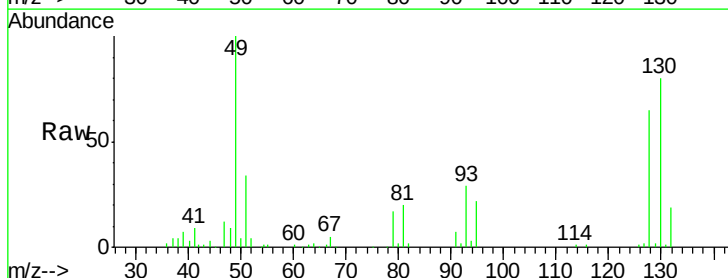
Tgt Ion: 49 Resp: 46175

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

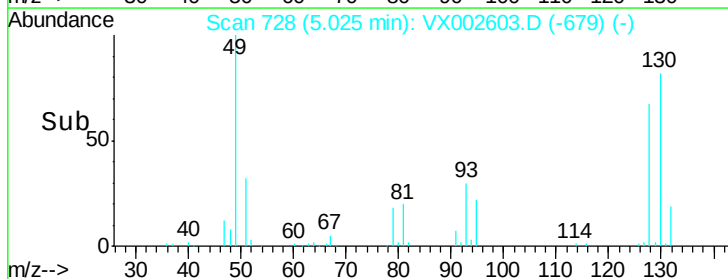
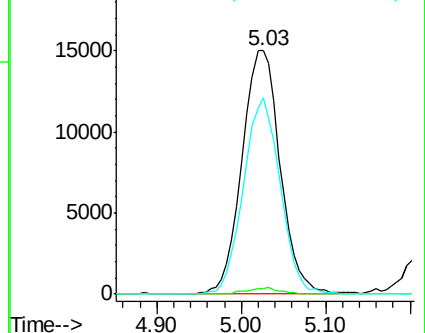
130 77.7 61.2 91.8

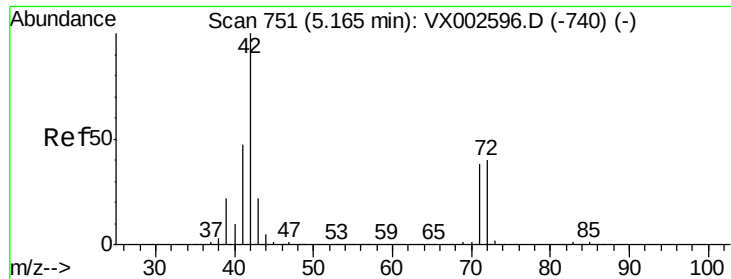


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

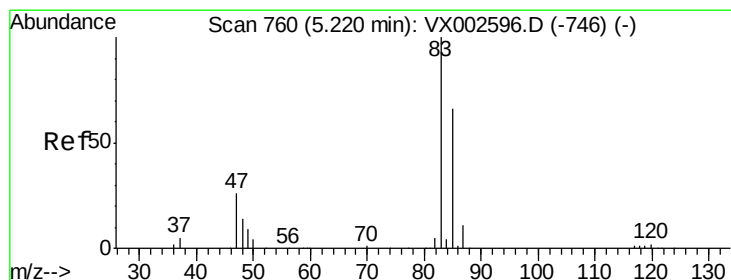
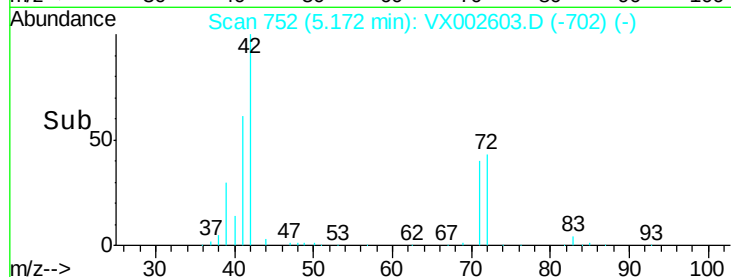
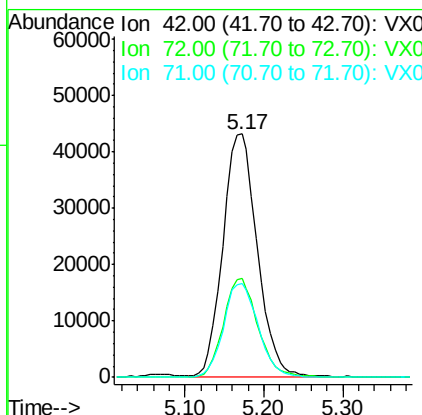
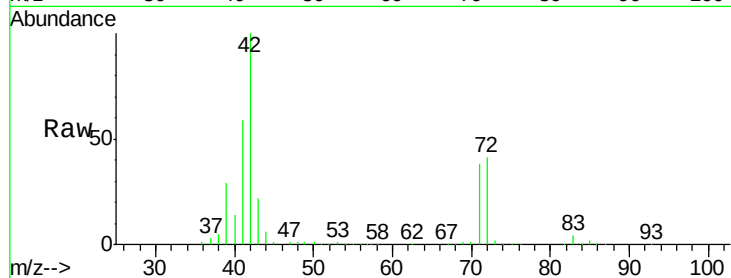




#29
Tetrahydrofuran
Concen: 101.16 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

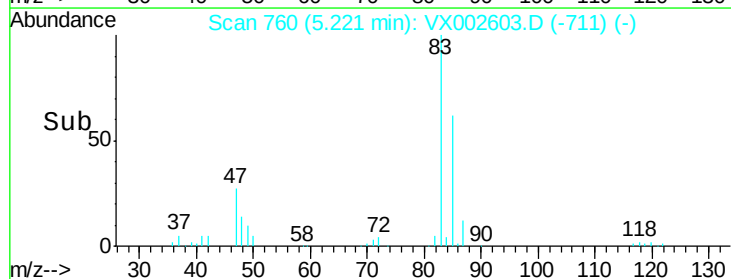
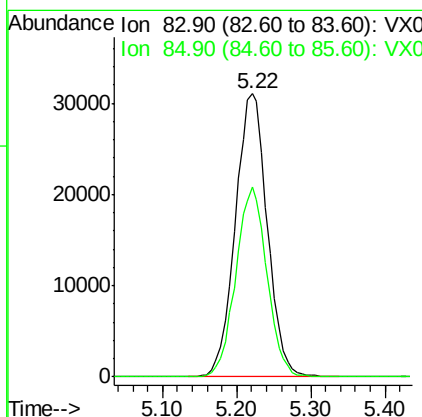
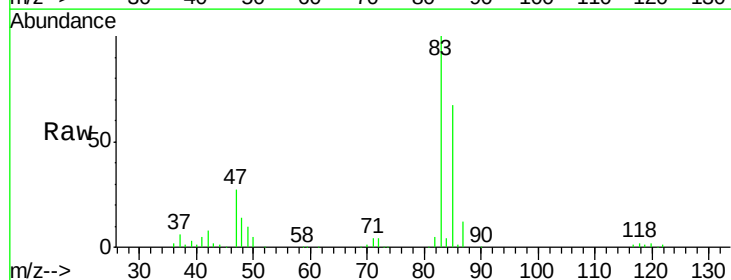
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

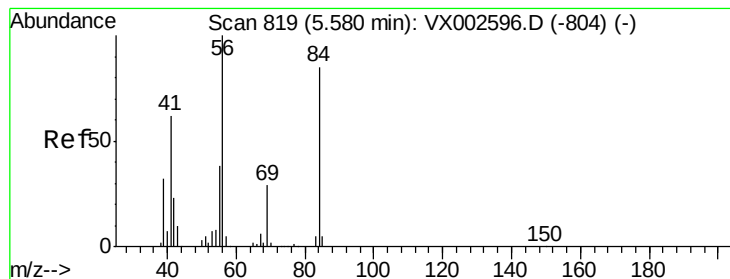
Tot Ion: 42 Resp: 130134
Ion Ratio Lower Upper
42 100
72 40.9 32.0 48.0
71 39.2 30.1 45.1



#30
Chloroform
Concen: 19.97 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

Tgt Ion: 83 Resp: 93524
Ion Ratio Lower Upper
83 100
85 67.1 50.4 75.6





#31

Cyclohexane

Concen: 20.43 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

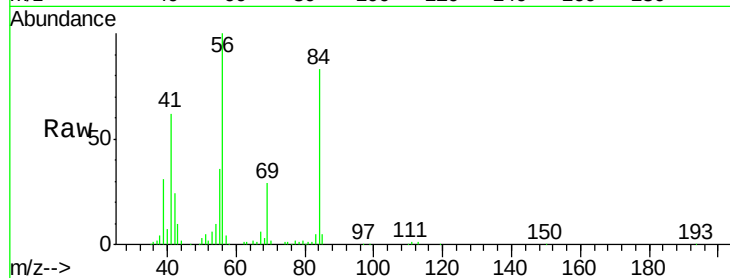
Tot Ion: 56 Resp: 81696

Ion Ratio Lower Upper

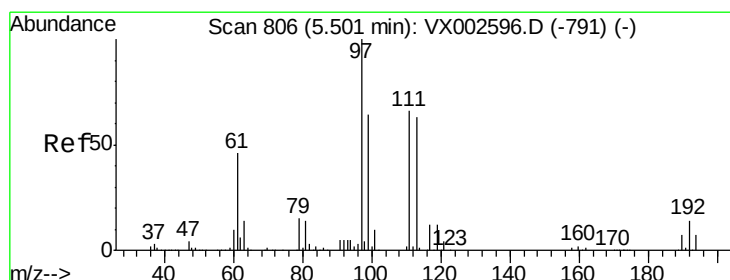
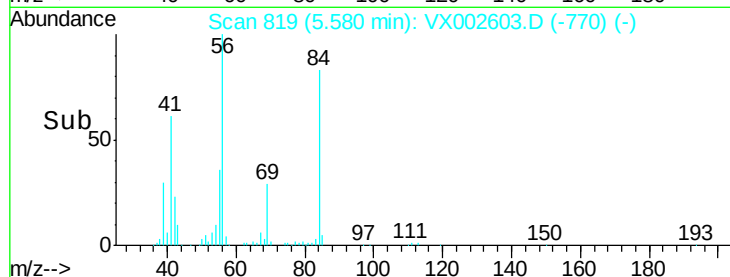
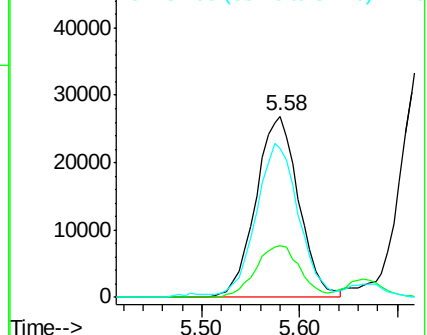
56 100

69 28.4 23.7 35.5

84 80.5 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: 20.40 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

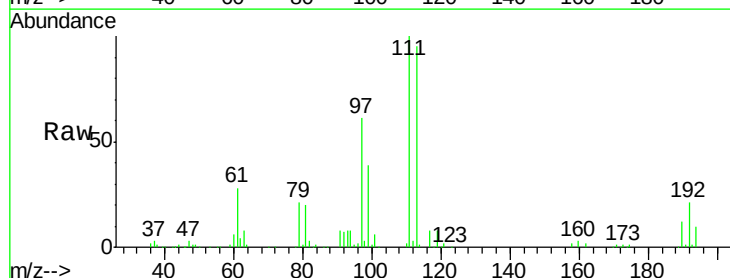
Tgt Ion: 97 Resp: 79918

Ion Ratio Lower Upper

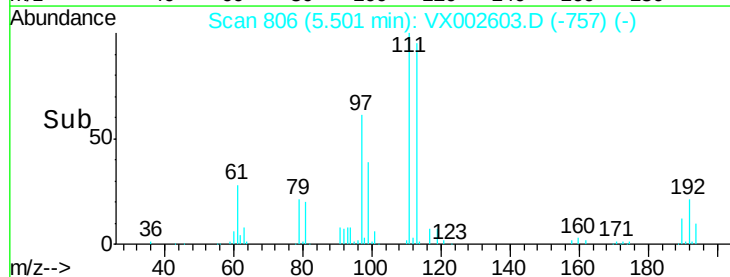
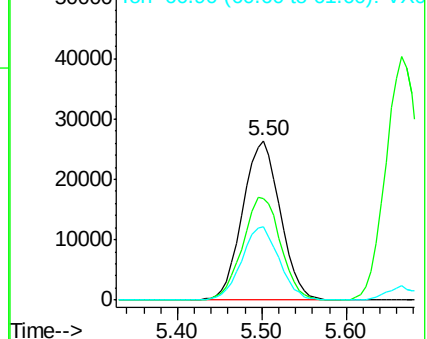
97 100

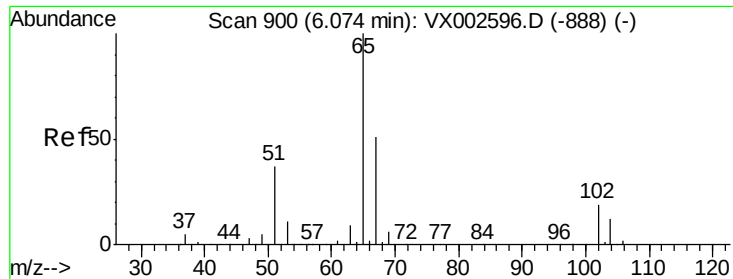
99 65.0 51.6 77.4

61 45.9 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

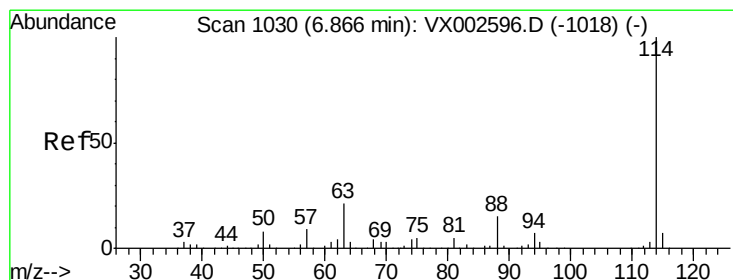
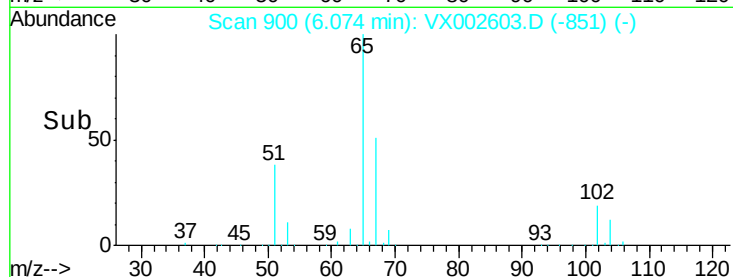
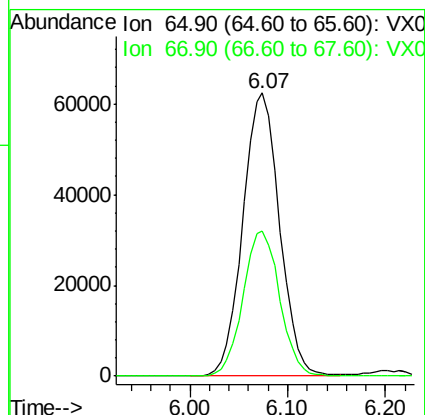
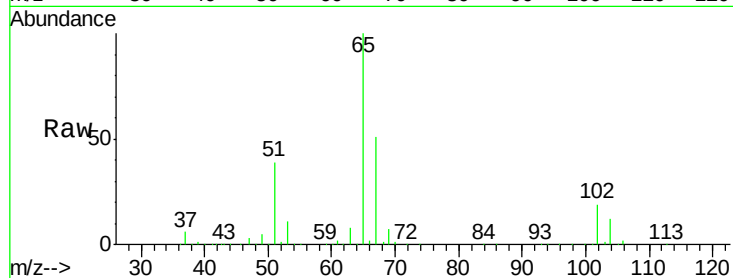




#33
 1,2-Dichloroethane-d4
 Concen: 48.04 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

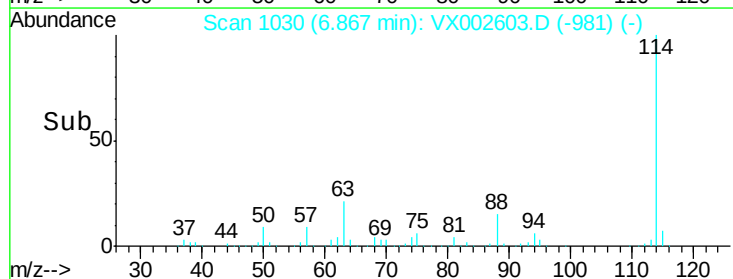
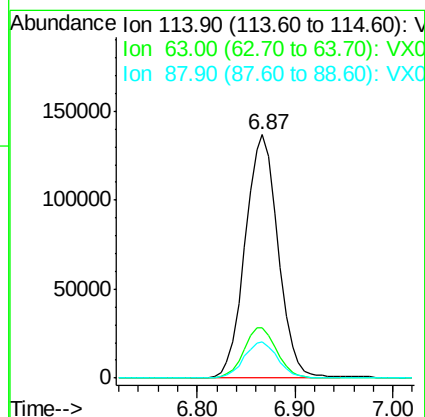
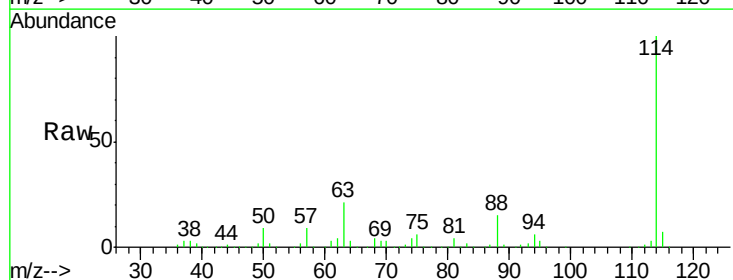
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

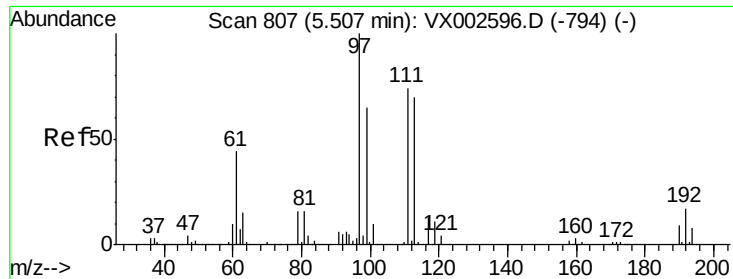
Tot Ion: 65 Resp: 162752
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Tgt Ion: 114 Resp: 319233
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.67 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampled :

VX0615WBS01

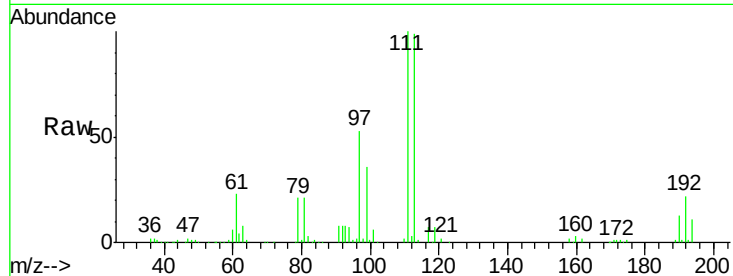
Tot Ion:113 Resp: 124004

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

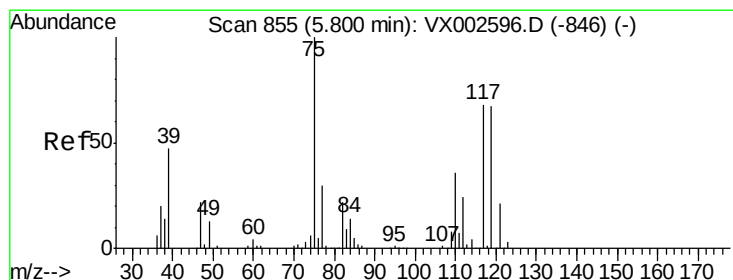
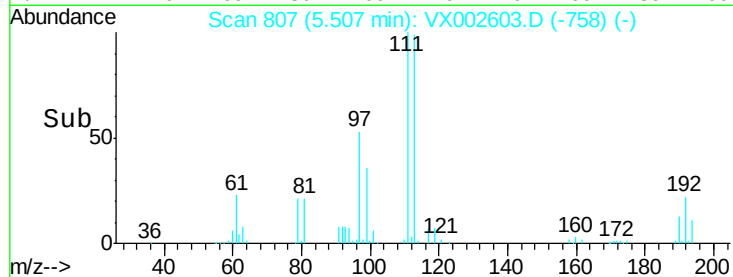
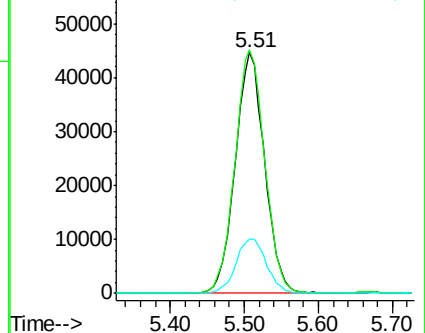
192 23.4 19.1 28.7



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: 20.00 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

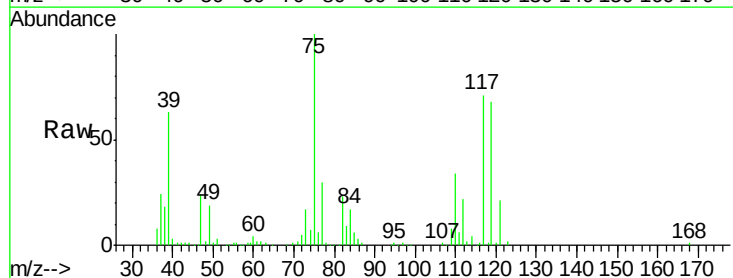
Tgt Ion: 75 Resp: 67825

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.4

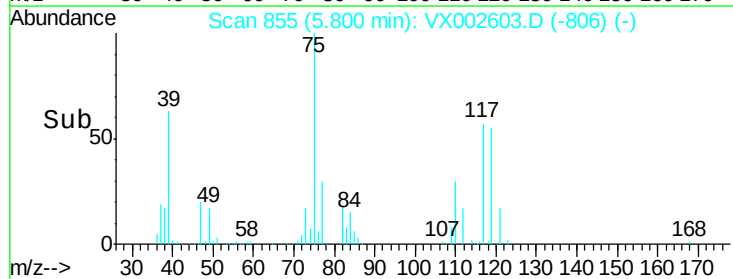
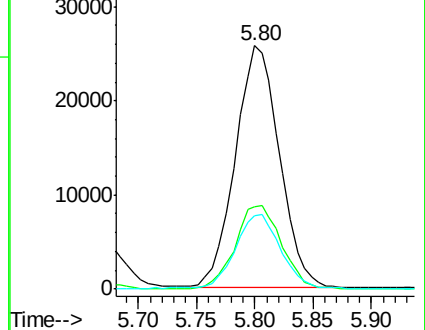
77 31.2 24.3 36.5

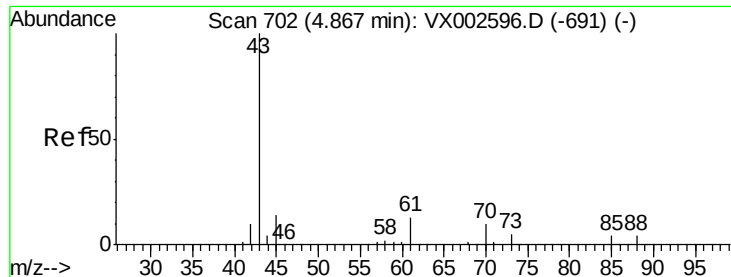


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

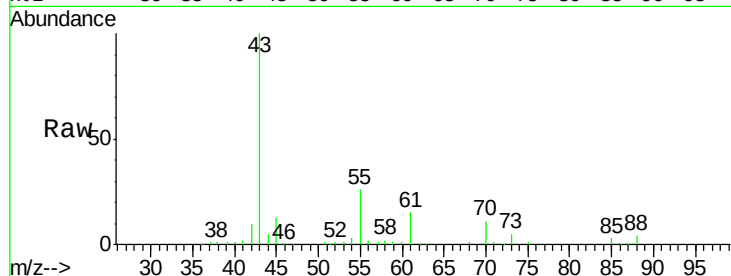




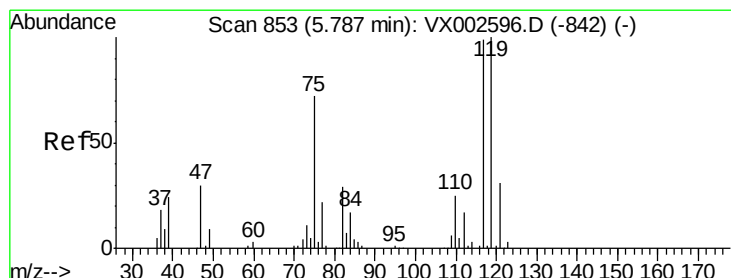
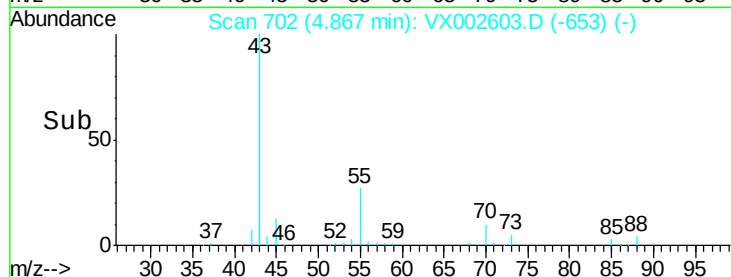
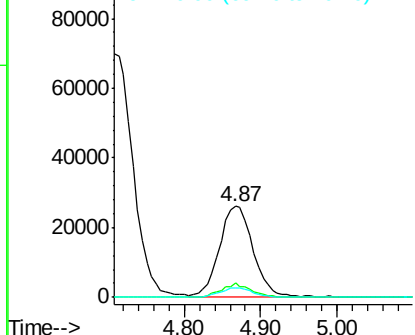
#37
Ethyl Acetate
Concen: 20.52 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

Tot Ion: 43 Resp: 78753
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 10.1 7.6 11.4

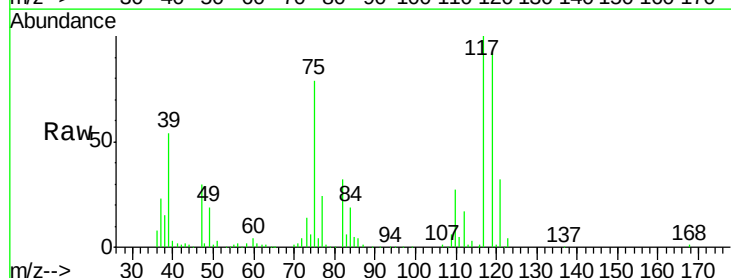


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

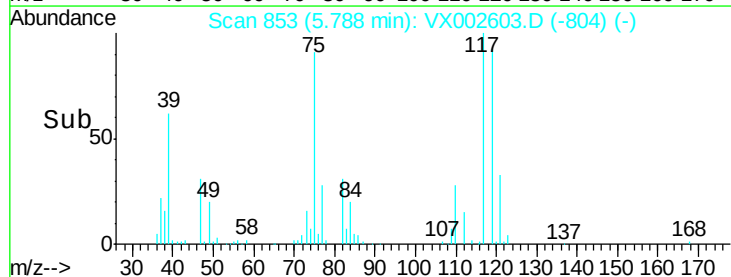
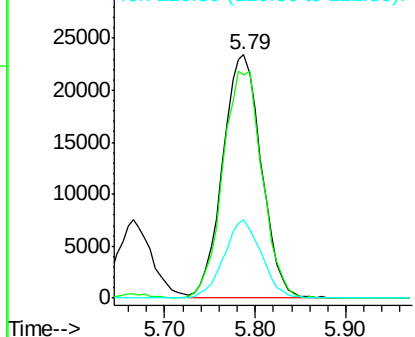


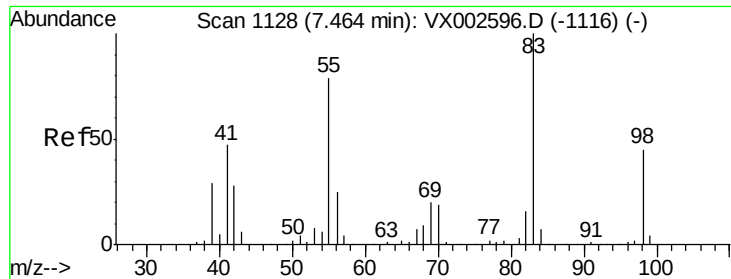
#38
Carbon Tetrachloride
Concen: 20.52 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

Tgt Ion: 117 Resp: 69293
Ion Ratio Lower Upper
117 100
119 91.8 77.4 116.0
121 32.3 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

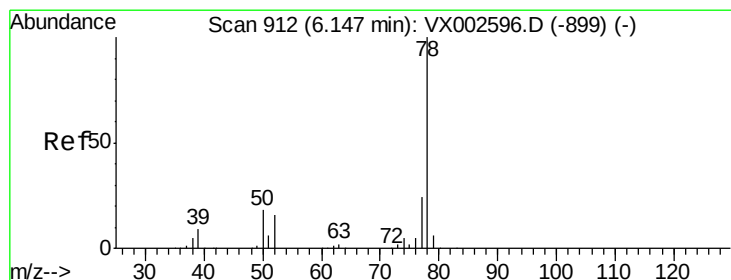
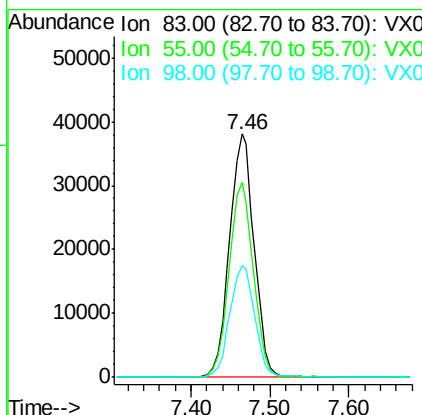
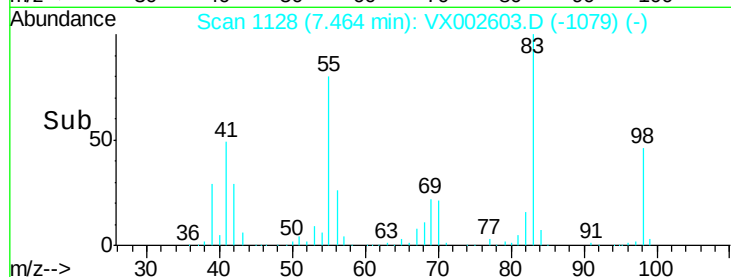
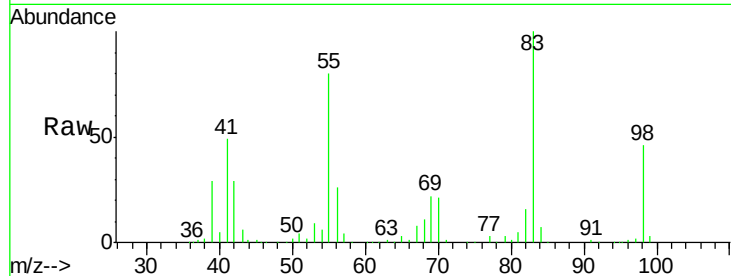




#39
Methylvlcyclohexane
Concen: 20.91 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

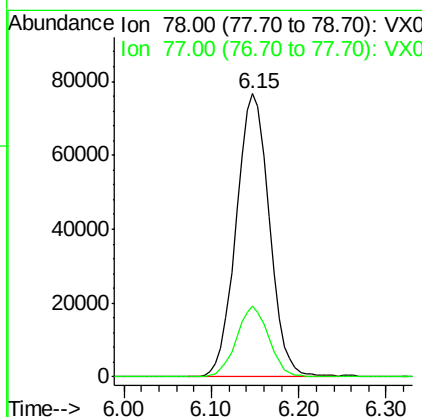
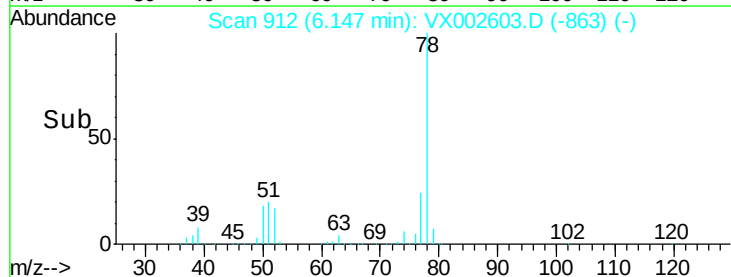
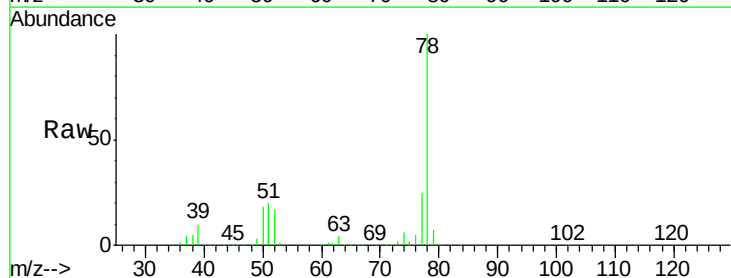
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

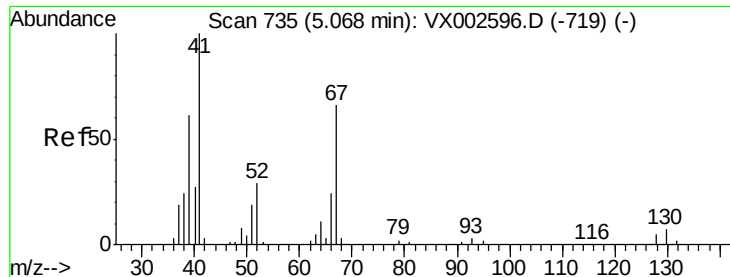
Tot Ion: 83 Resp: 82880
Ion Ratio Lower Upper
83 100
55 80.0 65.4 98.0
98 45.9 37.4 56.0



#40
Benzene
Concen: 19.89 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

Tgt Ion: 78 Resp: 202179
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7





#41

Methacrylonitrile

Concen: 20.45 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

Tot Ion: 41 Resp: 44318

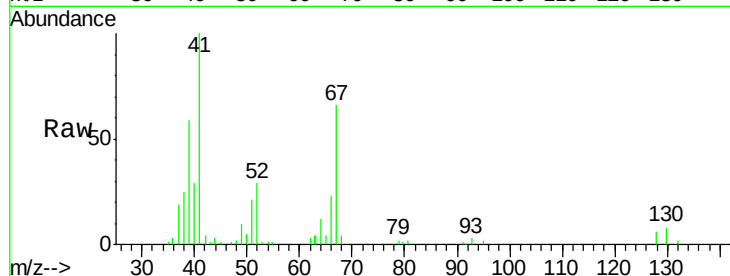
Ion Ratio Lower Upper

41 100

39 56.2 45.8 68.6

67 65.6 51.3 76.9

52 30.4 23.0 34.6

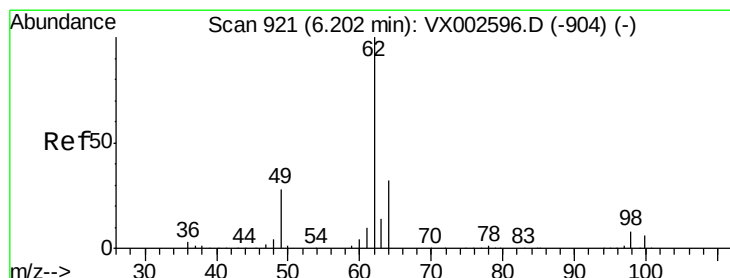
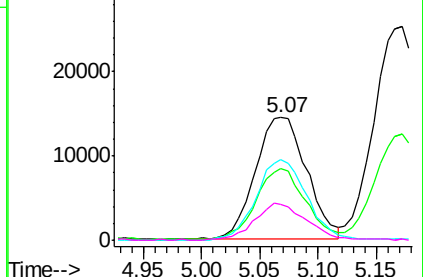
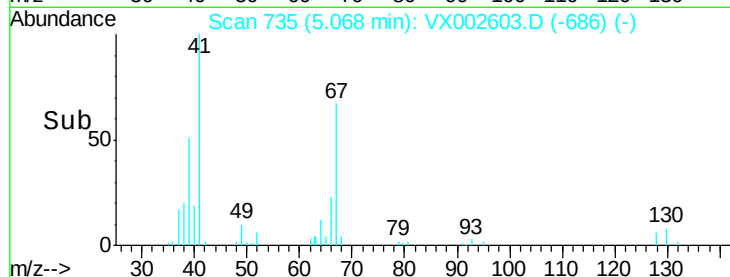


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.47 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX002603.D

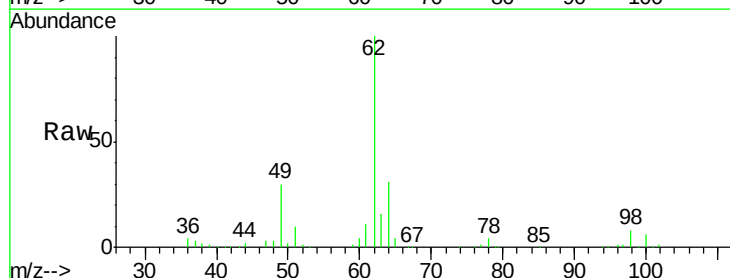
Acq: 15 Jun 2018 18:23

Tgt Ion: 62 Resp: 80556

Ion Ratio Lower Upper

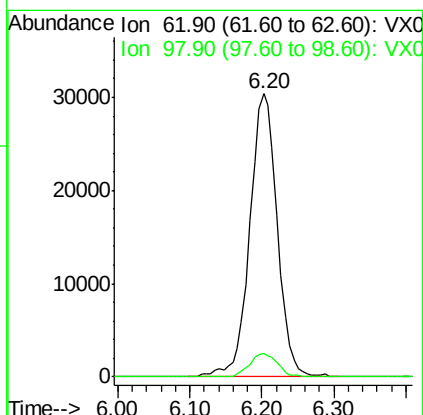
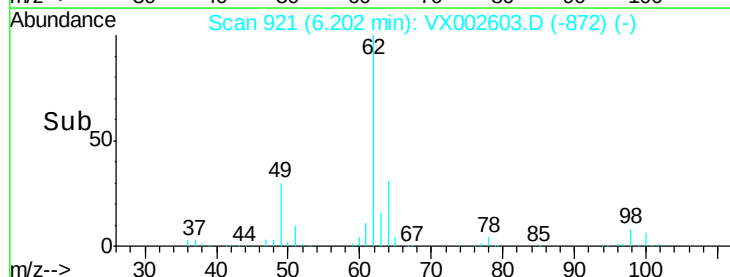
62 100

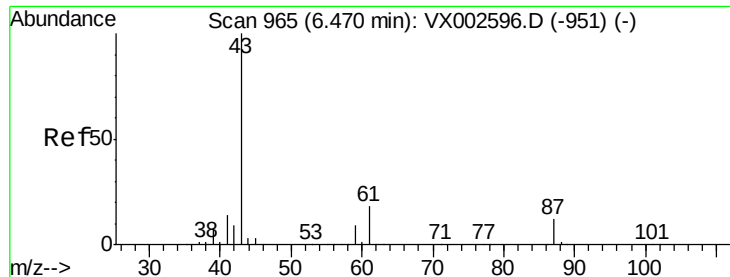
98 8.4 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



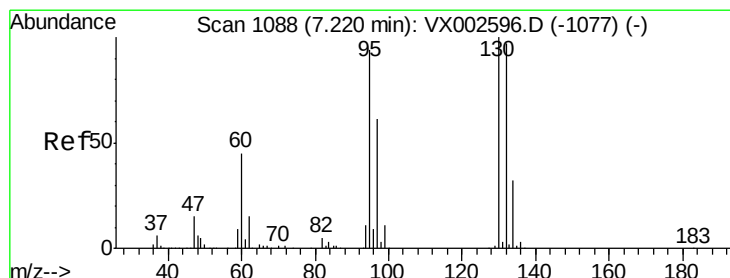
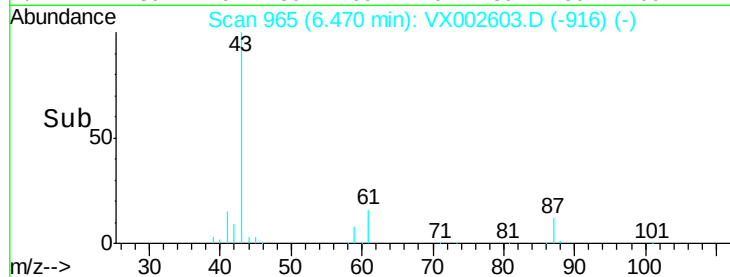
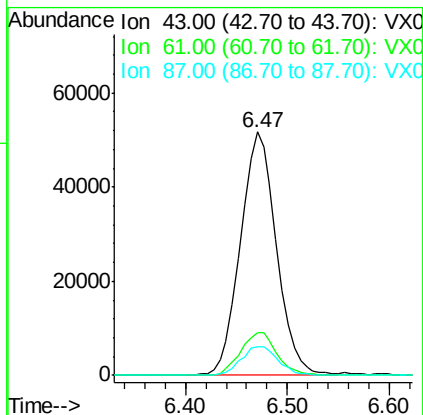
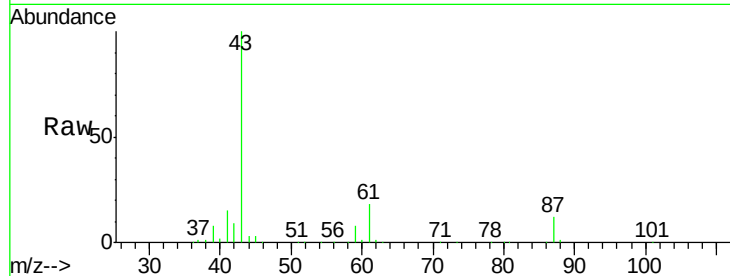


#43

Isopropyl Acetate
 Concen: 19.81 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

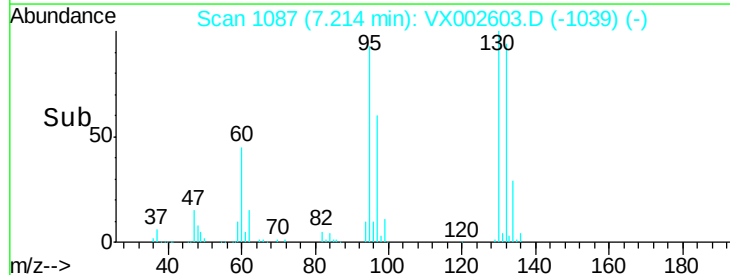
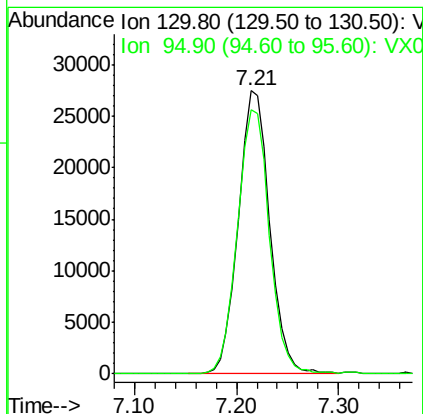
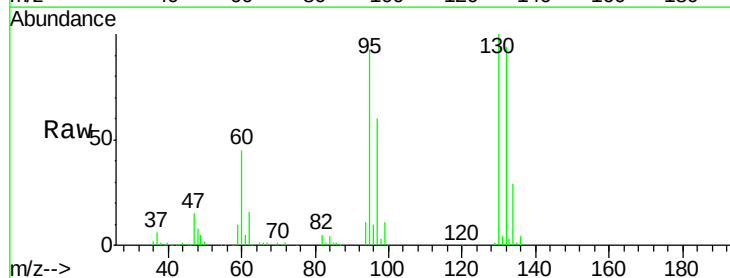
Tot Ion	43	Resp	125949
Ion Ratio	Lower	Upper	
43	100		
61	18.1	14.4	21.6
87	12.4	9.5	14.3

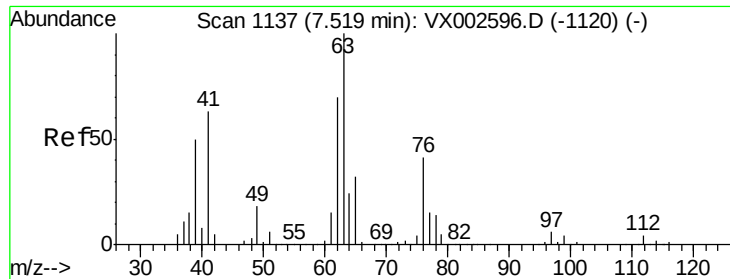


#44

Trichloroethene
 Concen: 20.00 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Tgt Ion	130	Resp	58682
Ion Ratio	Lower	Upper	
130	100		
95	93.2	0.0	185.4

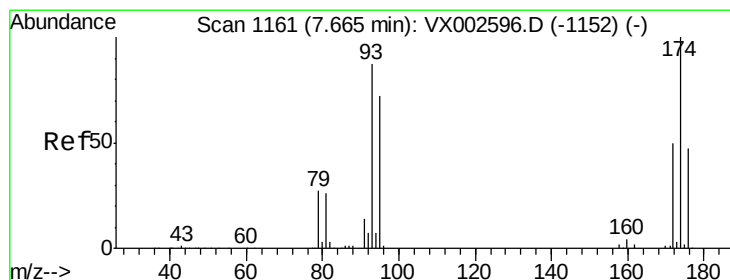
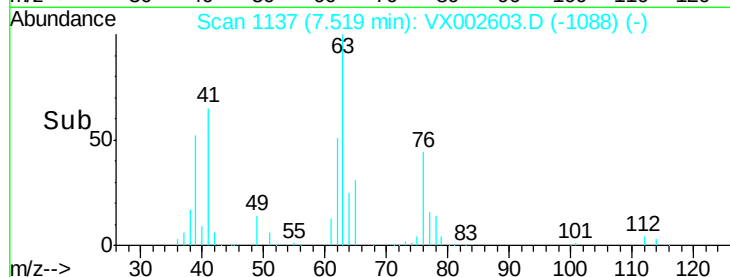
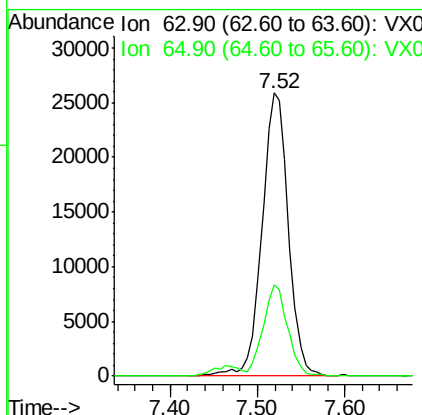
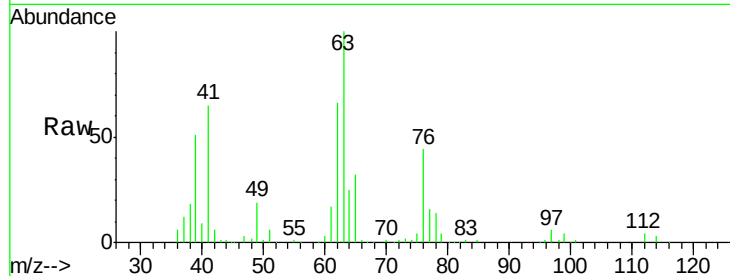




#45
 1,2-Dichloropropane
 Concen: 20.40 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

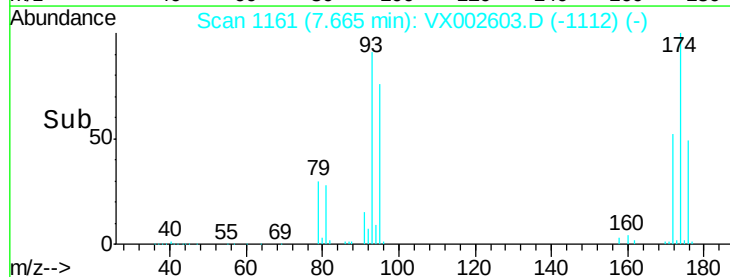
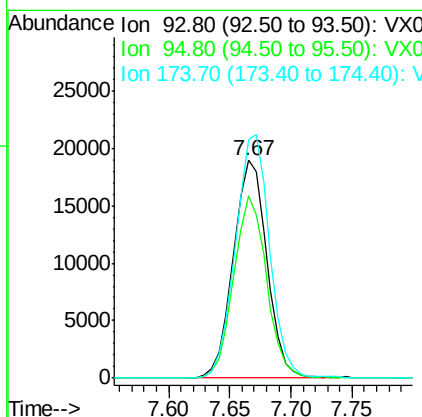
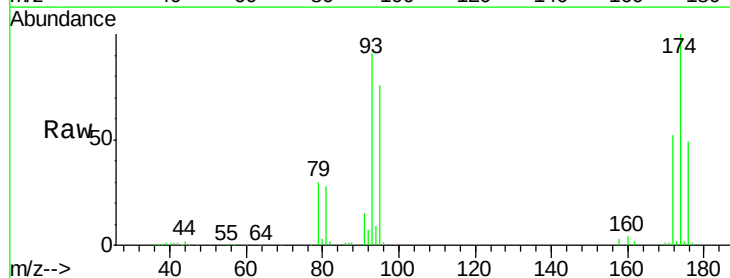
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

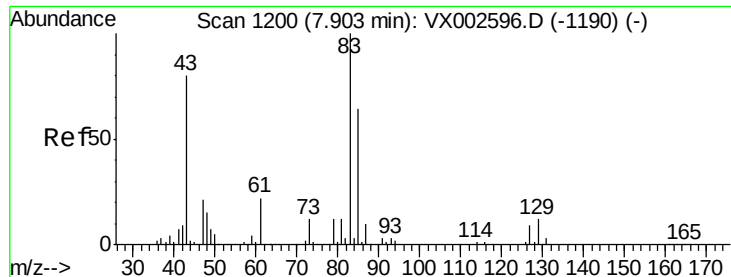
Tot Ion: 63 Resp: 54581
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.7 37.1



#46
 Dibromomethane
 Concen: 20.17 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Tgt Ion: 93 Resp: 36102
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.9 98.9
 174 113.8 92.4 138.6





#47

Bromodichloromethane

Concen: 20.00 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

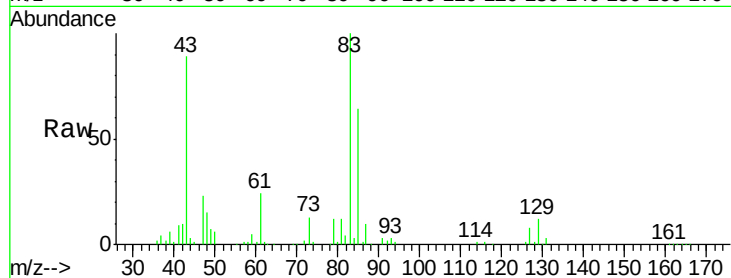
Tot Ion: 83 Resp: 63145

Ion Ratio Lower Upper

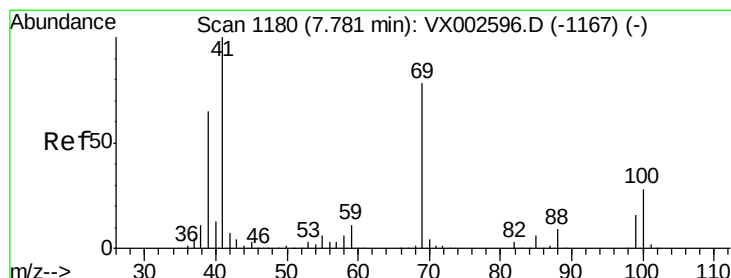
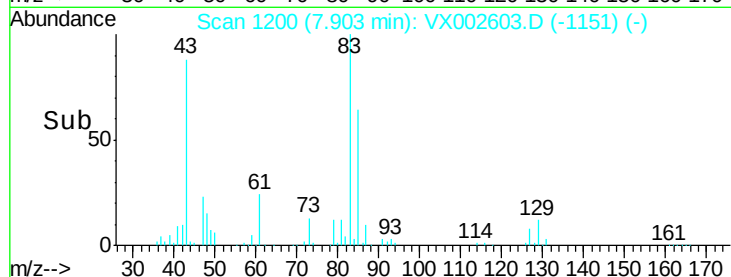
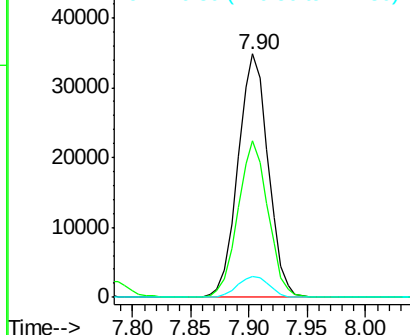
83 100

85 64.4 50.3 75.5

127 8.4 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: 20.25 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

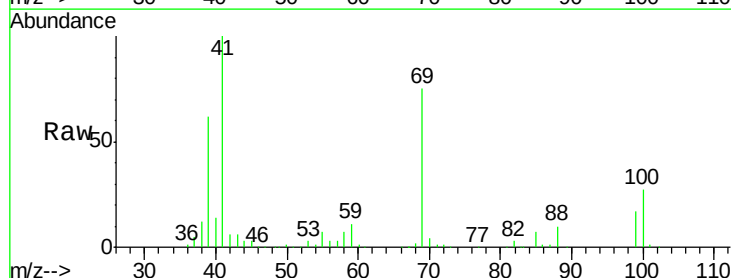
Tgt Ion: 41 Resp: 65783

Ion Ratio Lower Upper

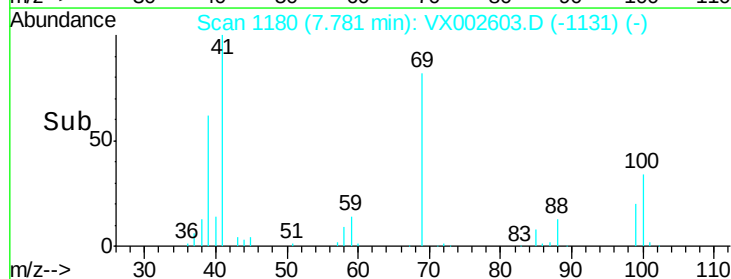
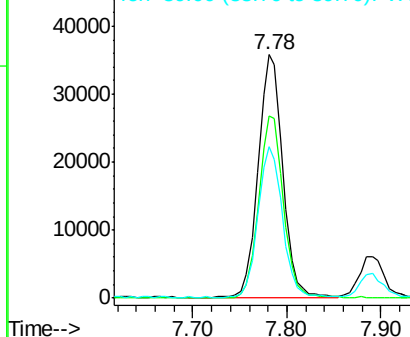
41 100

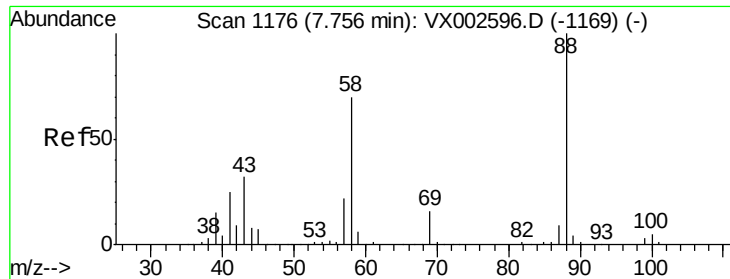
69 75.3 59.1 88.7

39 61.6 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: 418.32 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

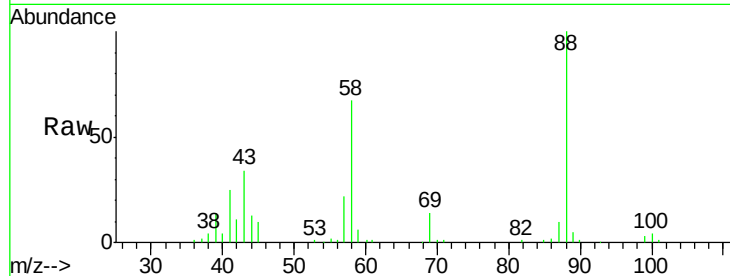
Tot Ion: 88 Resp: 25739

Ion Ratio Lower Upper

88 100

43 38.5 29.8 44.6

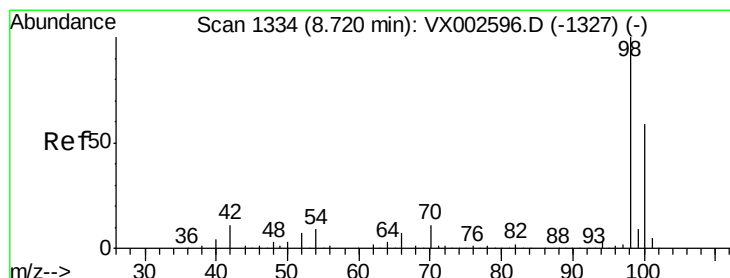
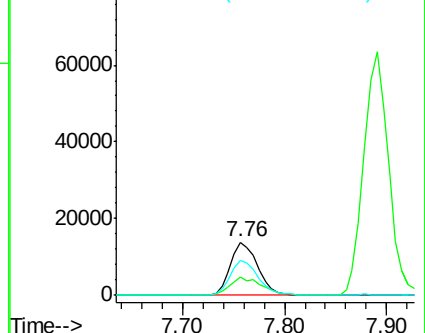
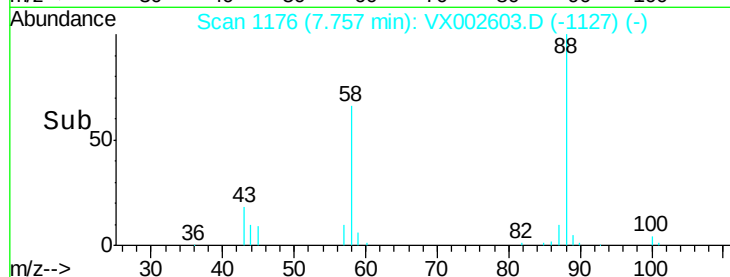
58 68.8 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.52 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002603.D

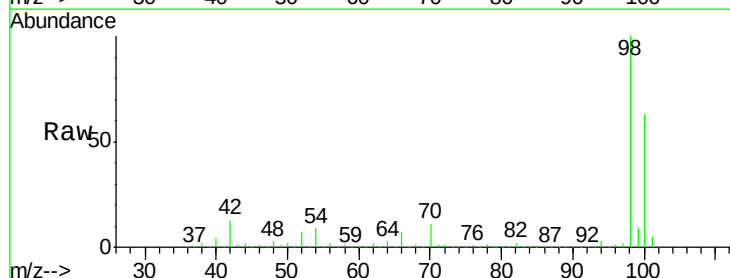
Acq: 15 Jun 2018 18:23

Tgt Ion: 98 Resp: 479016

Ion Ratio Lower Upper

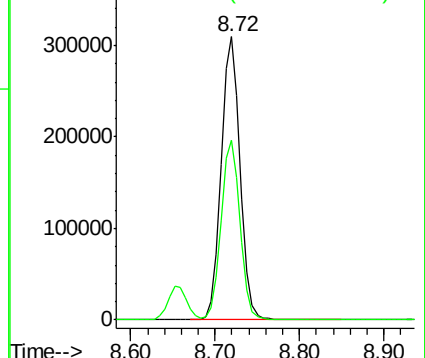
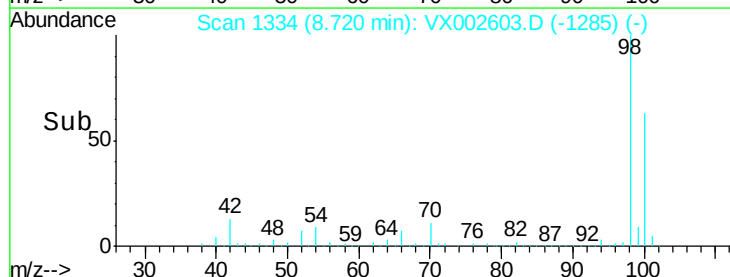
98 100

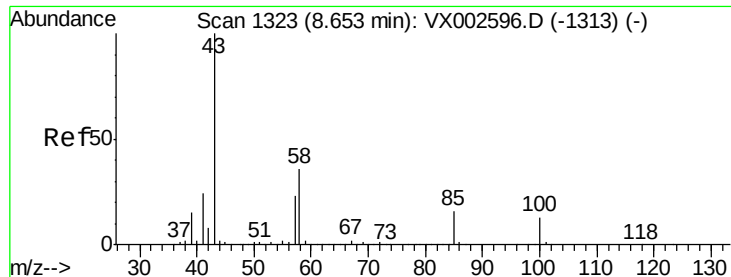
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 104.84 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

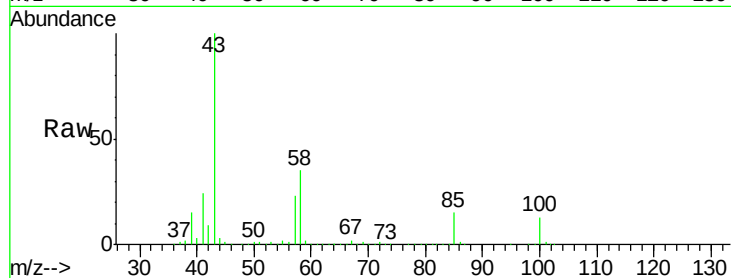
VX0615WBS01

Tot Ion: 43 Resp: 428002

Ion Ratio Lower Upper

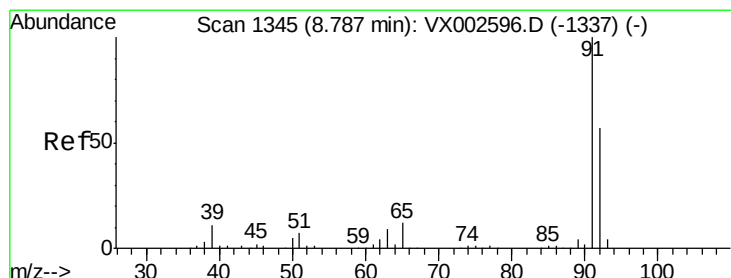
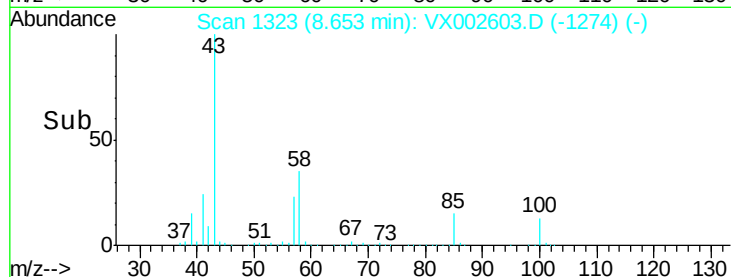
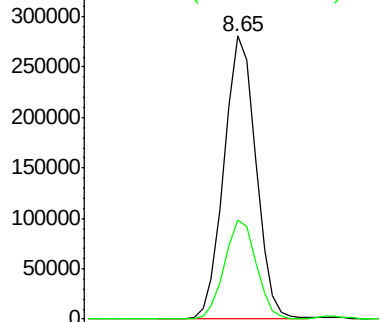
43 100

58 35.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.47 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002603.D

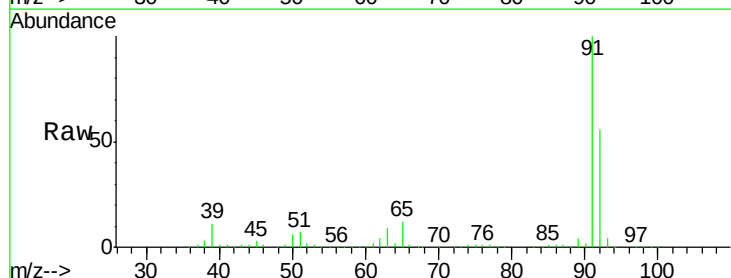
Acq: 15 Jun 2018 18:23

Tgt Ion: 92 Resp: 132744

Ion Ratio Lower Upper

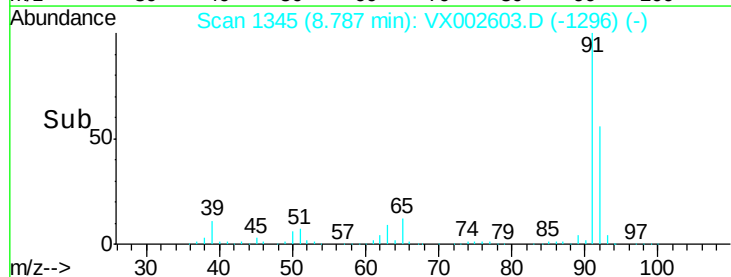
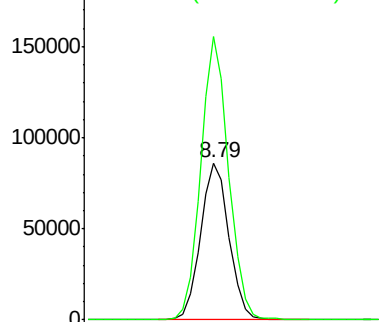
92 100

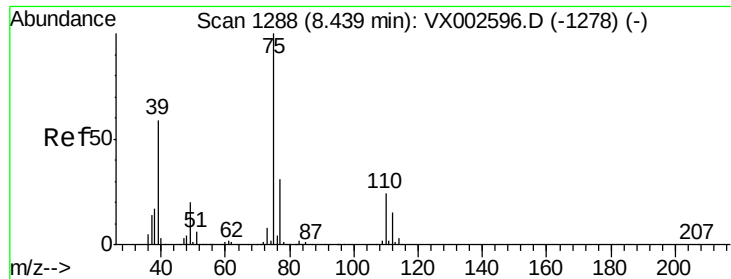
91 176.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.43 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampled :

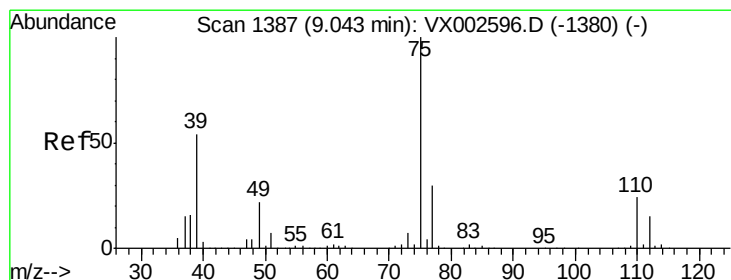
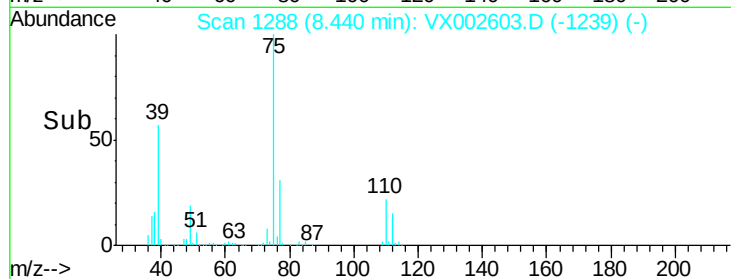
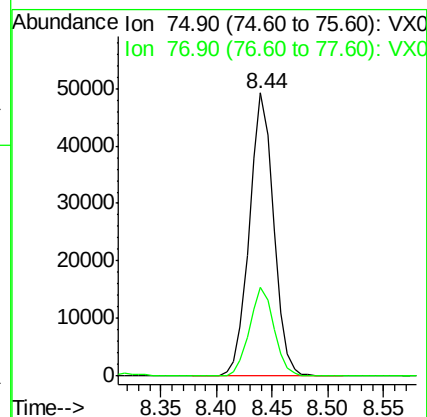
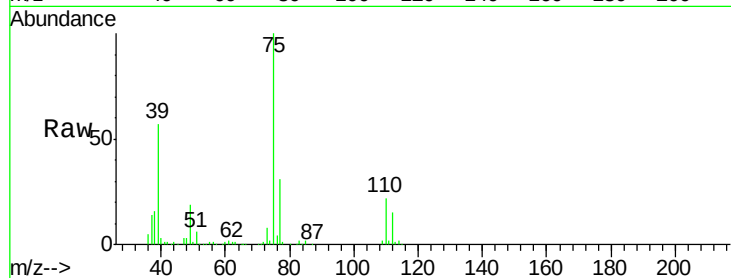
VX0615WBS01

Tot Ion: 75 Resp: 74763

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.92 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

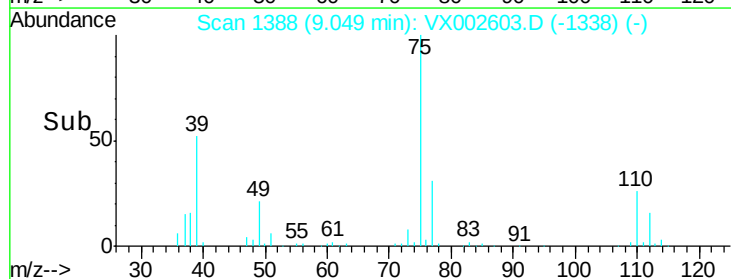
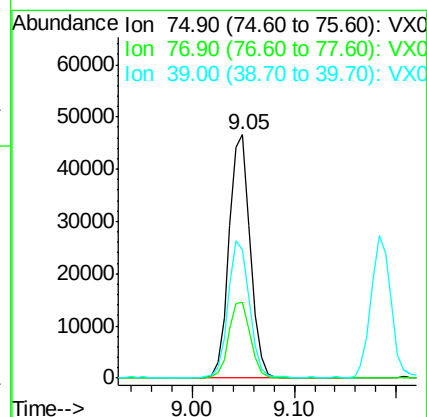
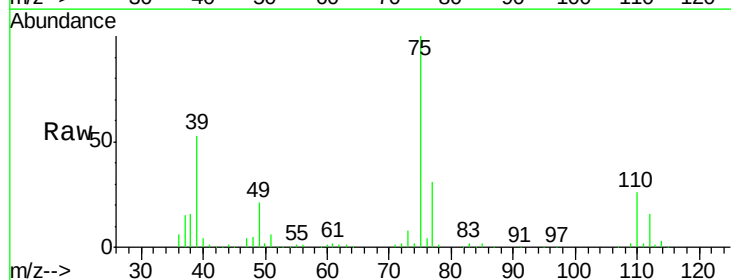
Tgt Ion: 75 Resp: 66912

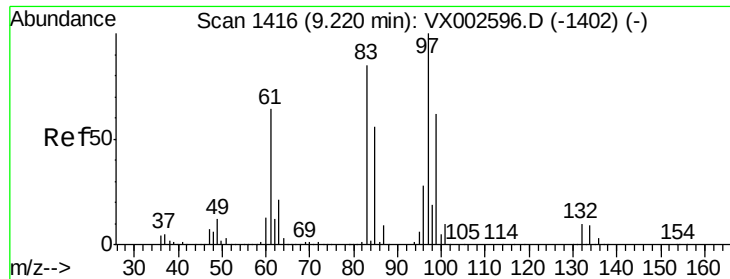
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 52.3 42.4 63.6



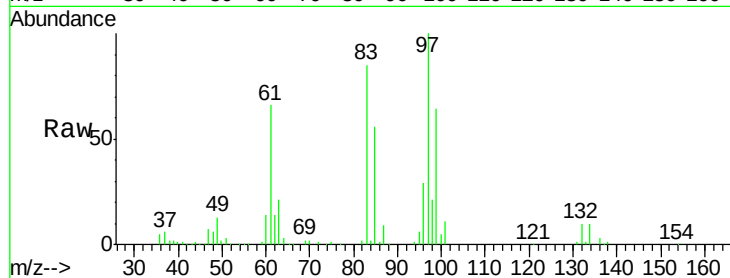


#55
 1,1,2-Trichloroethane
 Concen: 20.02 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

Tot Ion: 97 Resp: 52453

Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.2	105.2
85	56.0	44.9	67.3
99	63.6	49.8	74.8



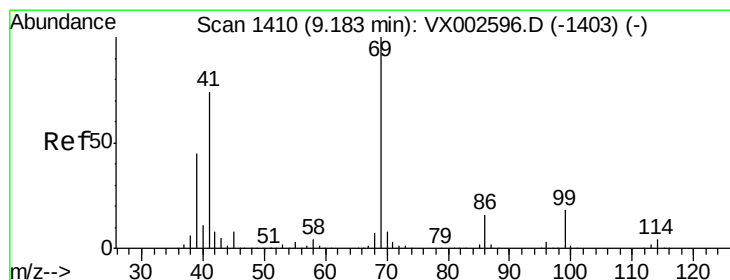
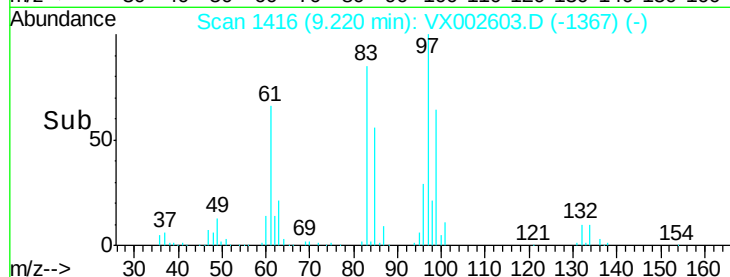
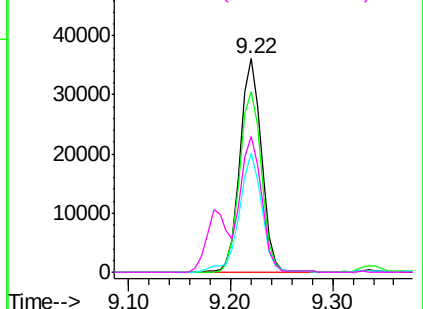
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

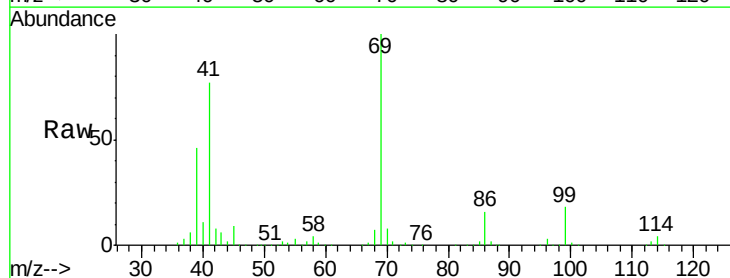
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 20.20 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Tgt Ion: 69 Resp: 81452

Ion	Ratio	Lower	Upper
69	100		
41	74.3	60.3	90.5
39	45.1	35.8	53.8

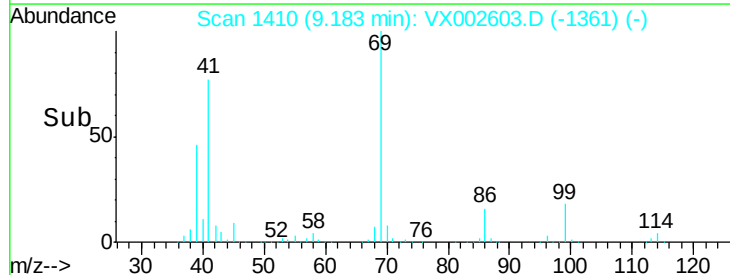
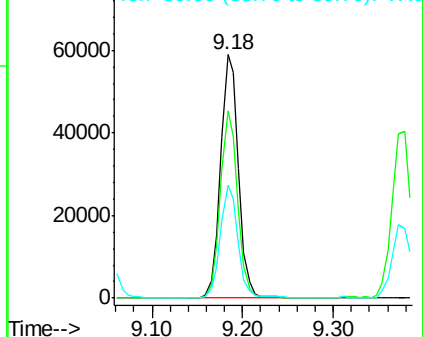


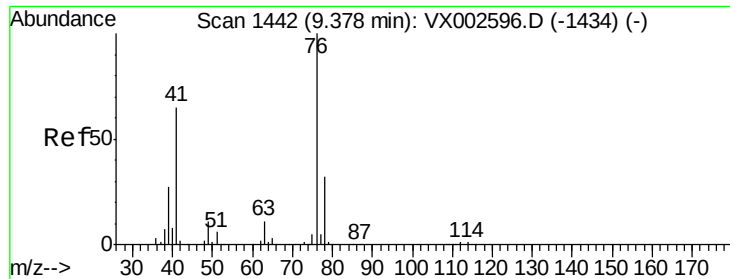
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

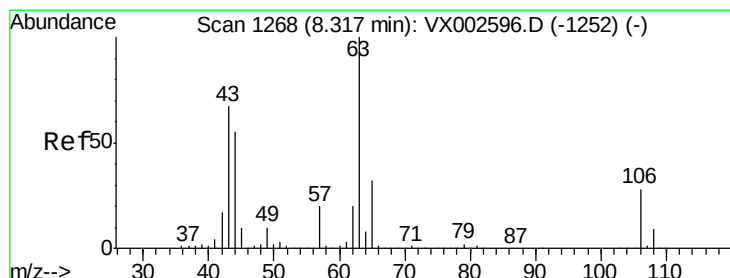
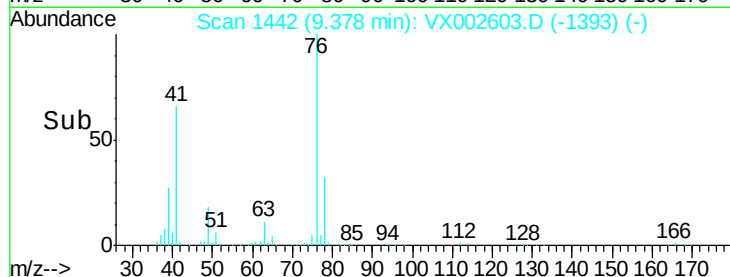
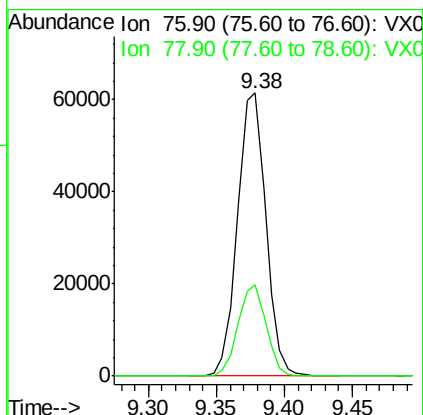
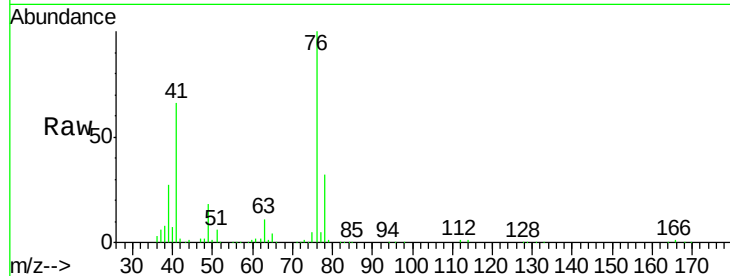




#57
 1,3-Dichloropropane
 Concen: 20.29 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

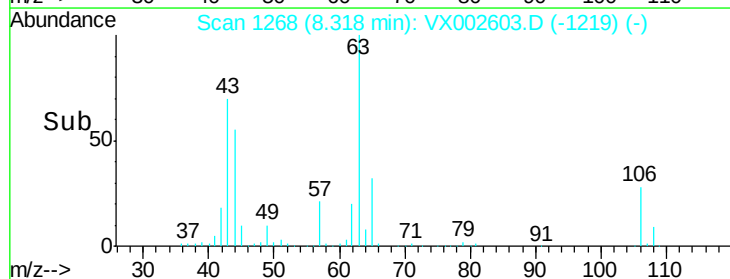
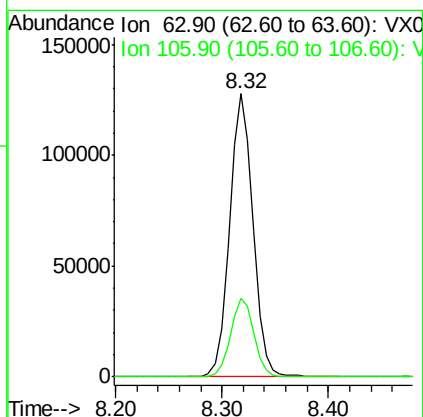
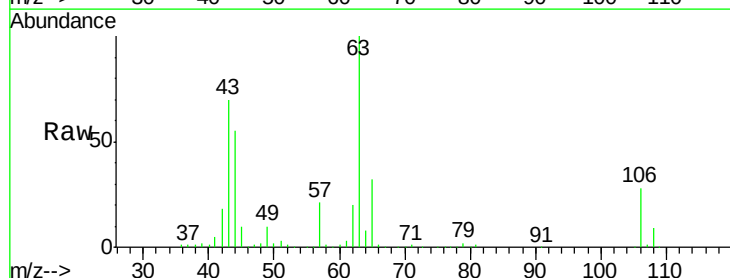
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

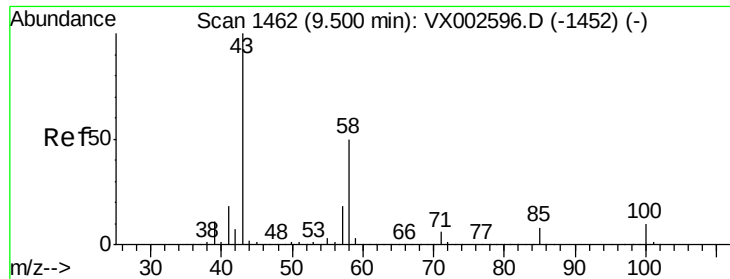
Tot Ion: 76 Resp: 89938
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.64 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Tgt Ion: 63 Resp: 196295
 Ion Ratio Lower Upper
 63 100
 106 28.0 21.8 32.8

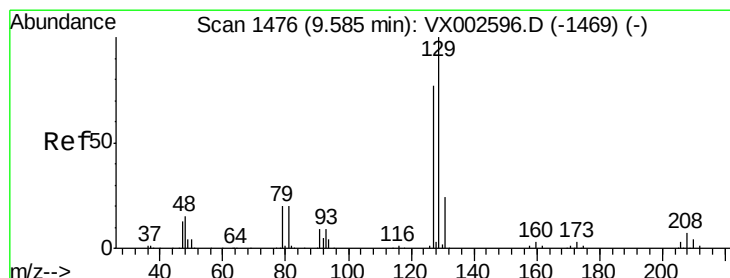
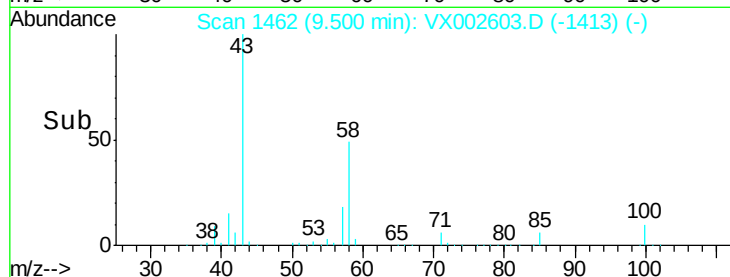
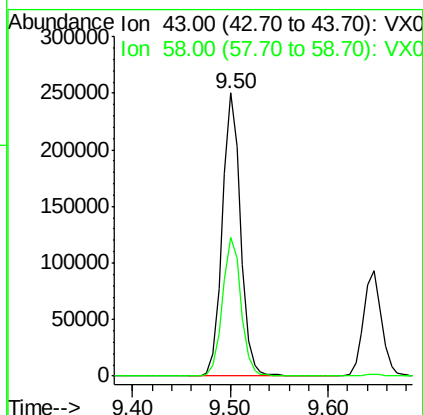
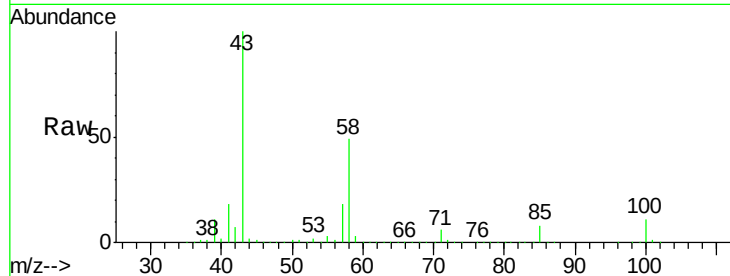




#59
2-Hexanone
Concen: 105.20 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

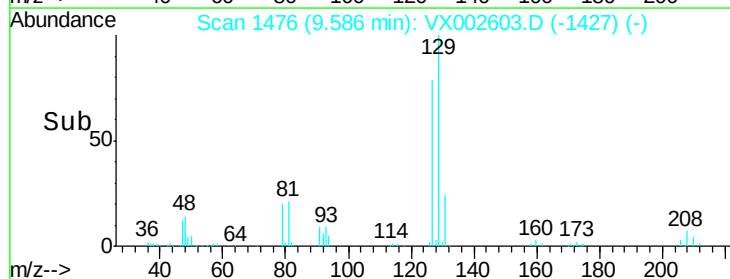
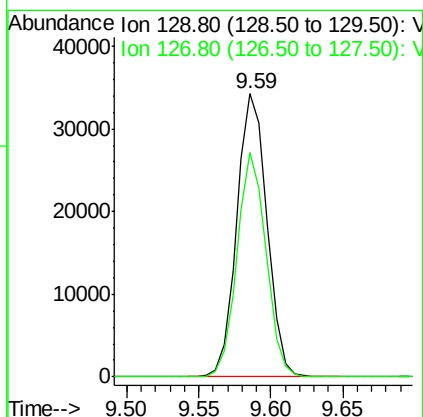
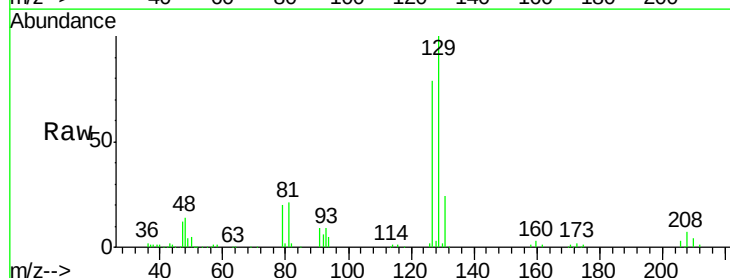
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

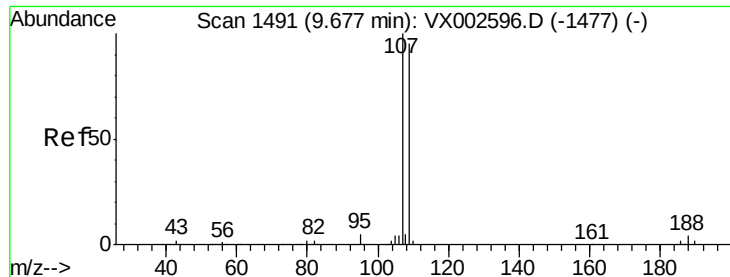
Tot Ion: 43 Resp: 323621
Ion Ratio Lower Upper
43 100
58 49.5 24.6 73.6



#60
Dibromochloromethane
Concen: 19.39 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

Tgt Ion:129 Resp: 49806
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.61 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

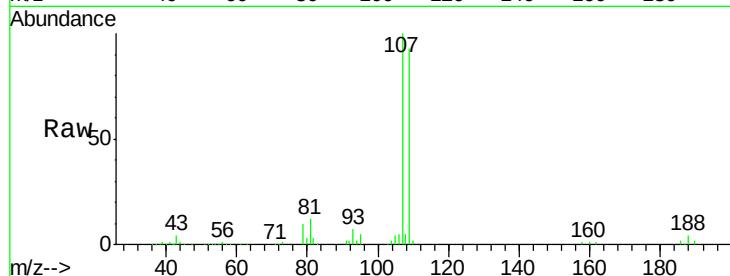
VX0615WBS01

Tot Ion:107 Resp: 55946

Ion Ratio Lower Upper

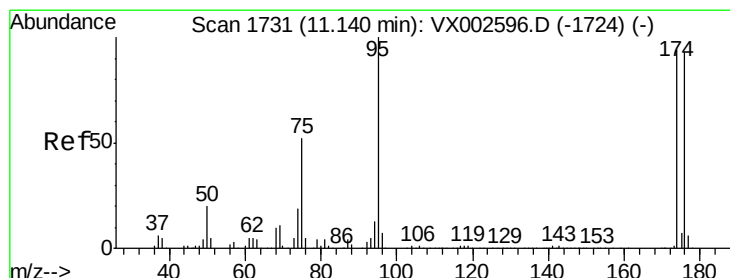
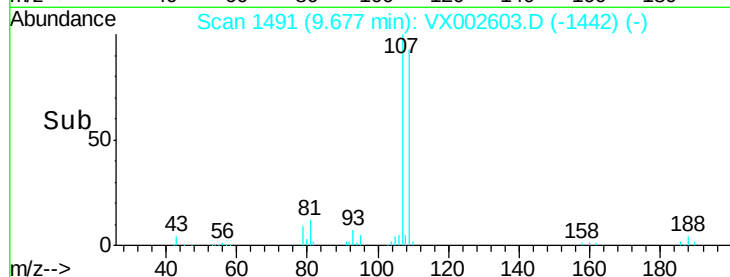
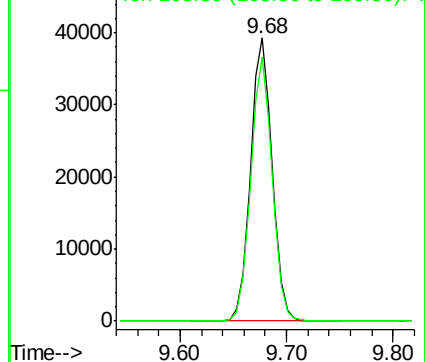
107 100

109 92.7 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: 48.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

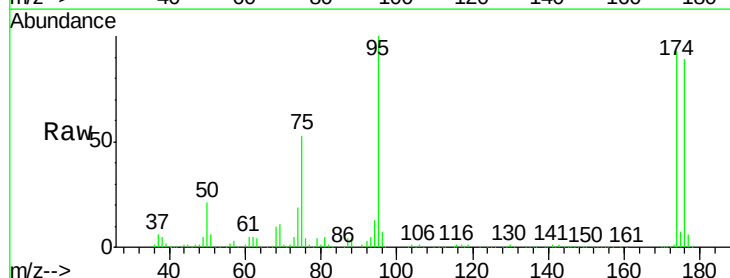
Tgt Ion: 95 Resp: 177596

Ion Ratio Lower Upper

95 100

174 94.8 0.0 187.4

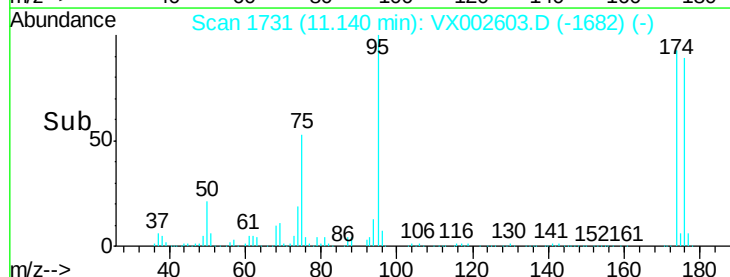
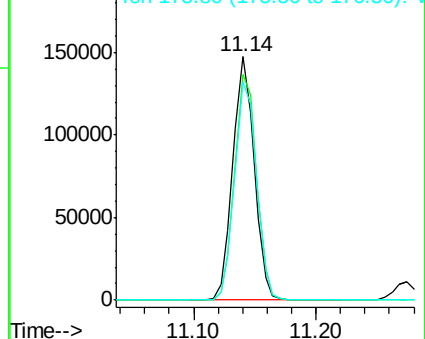
176 92.0 0.0 181.0

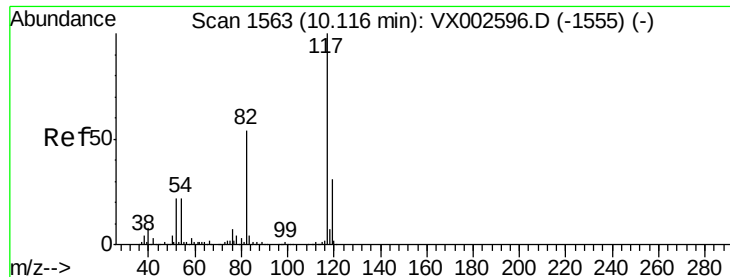


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

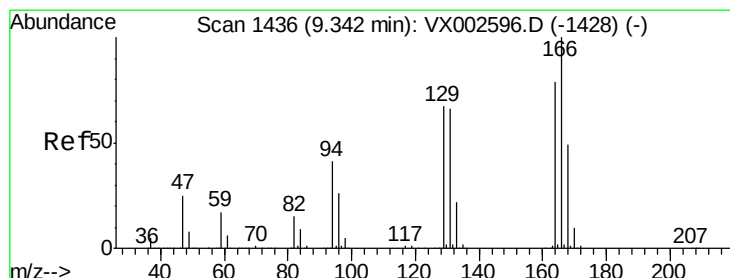
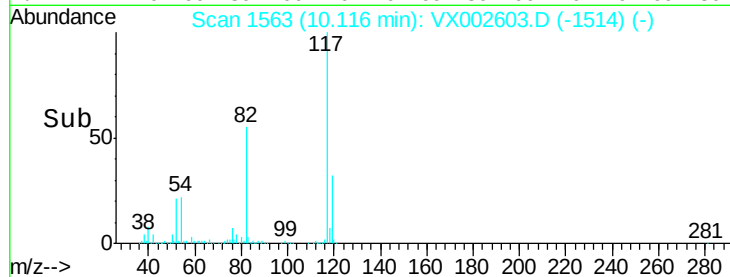
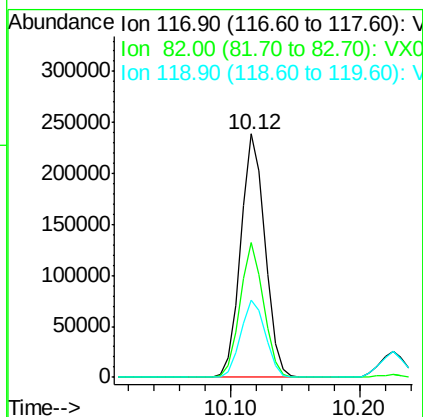
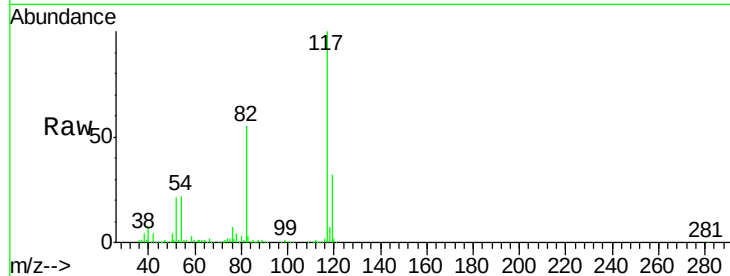




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

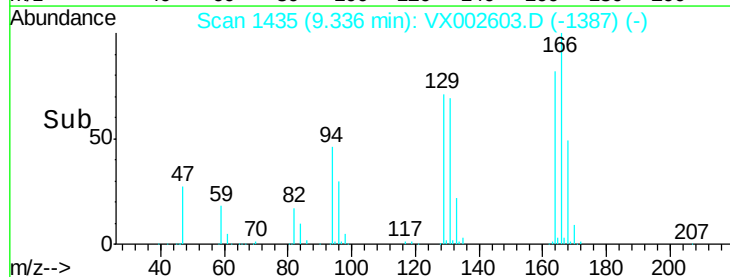
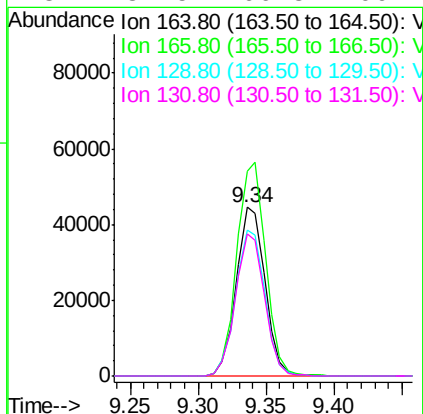
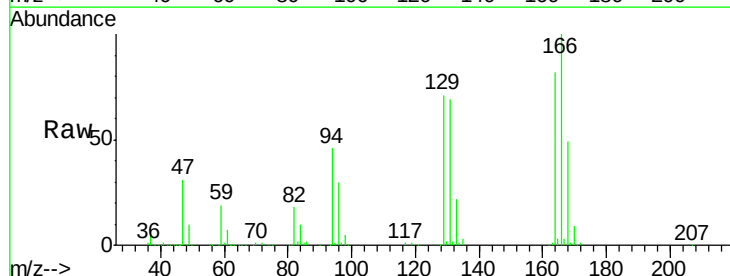
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

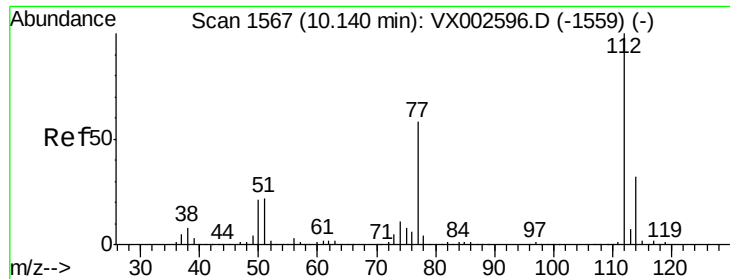
Tot Ion:117 Resp: 310647
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 18.96 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

Tgt Ion:164 Resp: 65390
Ion Ratio Lower Upper
164 100
166 121.8 102.9 154.3
129 86.5 68.6 102.8
131 84.5 66.8 100.2





#65

Chlorobenzene

Concen: 19.89 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

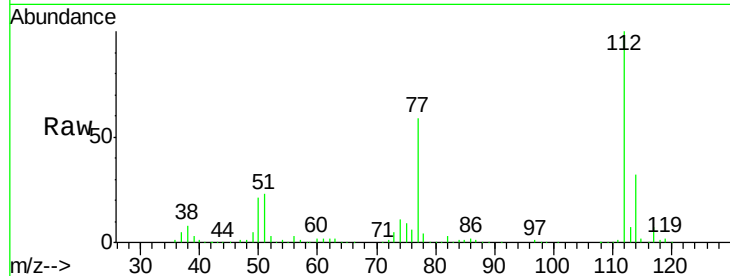
VX0615WBS01

Tot Ion:112 Resp: 151707

Ion Ratio Lower Upper

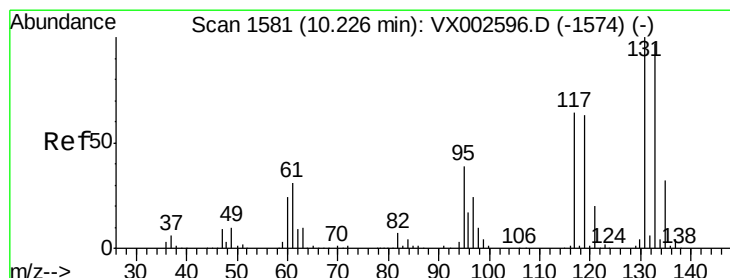
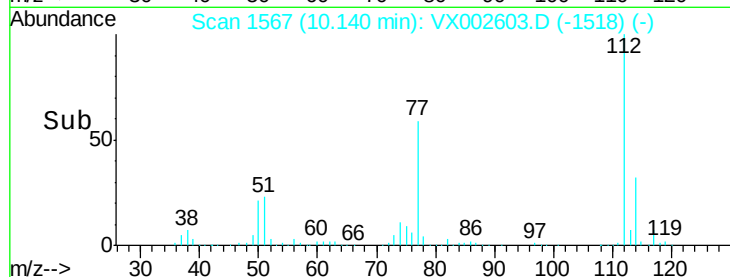
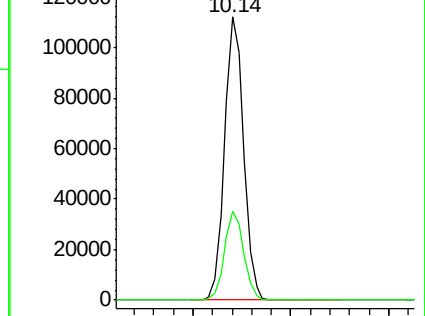
112 100

114 31.6 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: 20.00 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

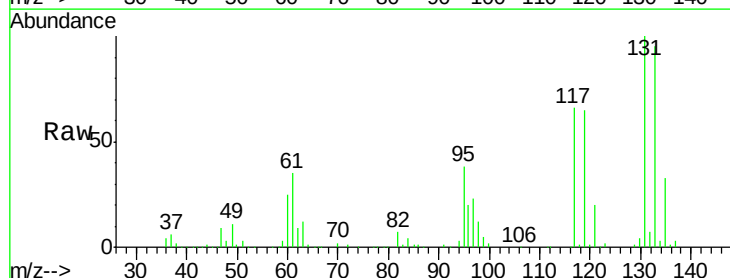
Tgt Ion:131 Resp: 52014

Ion Ratio Lower Upper

131 100

133 94.4 47.9 143.6

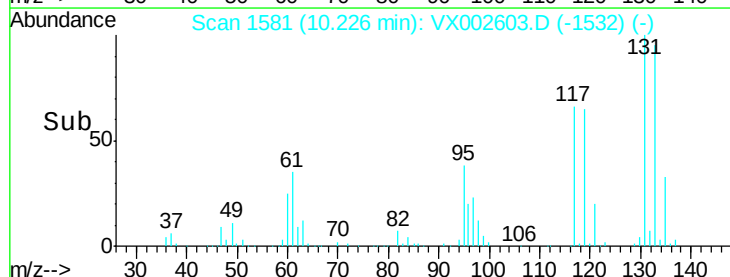
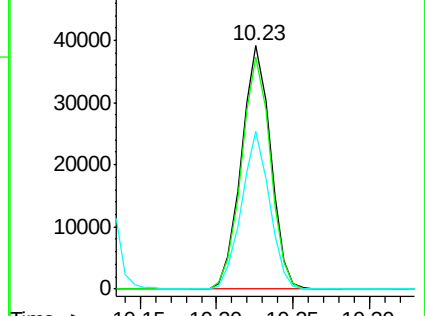
119 62.3 31.8 95.3

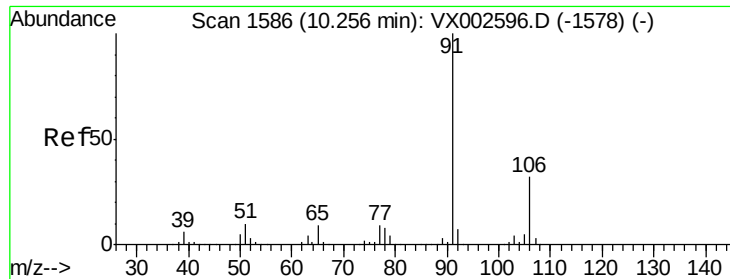


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

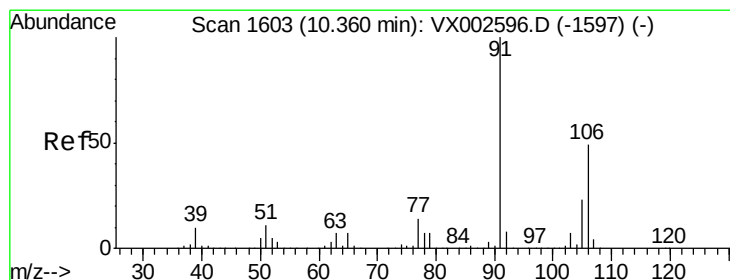
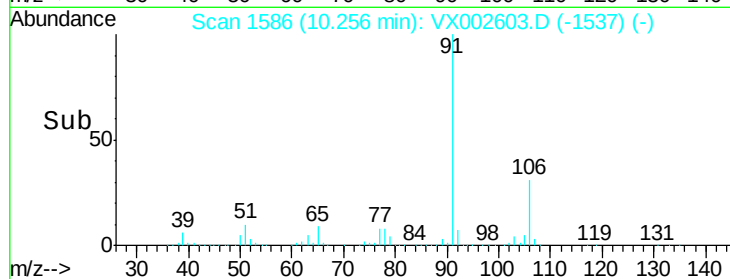
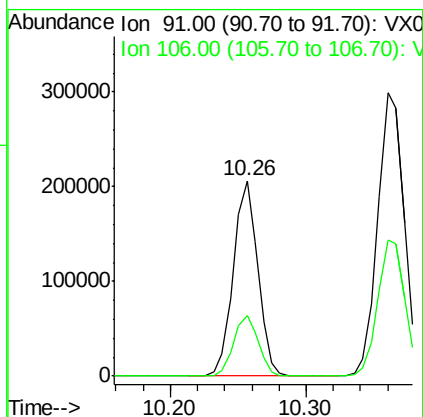
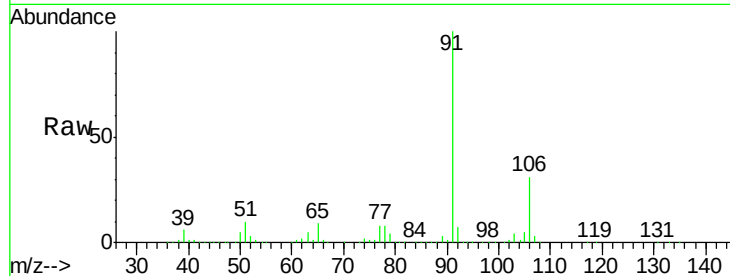




#67
Ethyl Benzene
Concen: 20.12 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

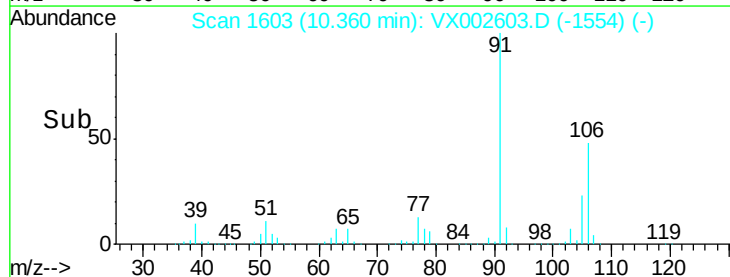
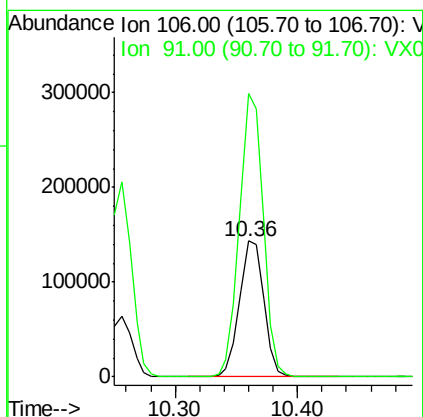
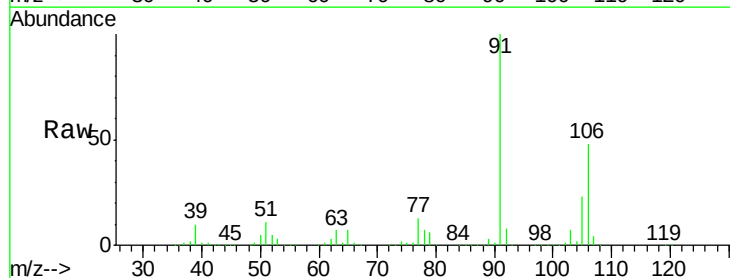
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

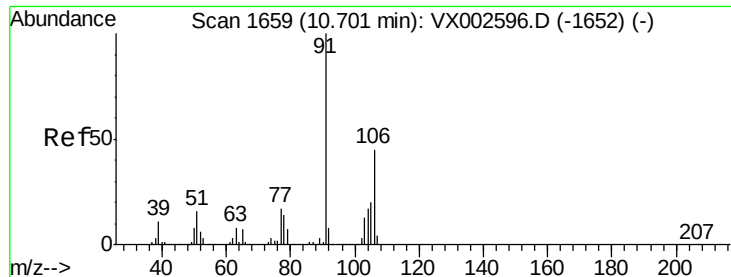
Tot Ion: 91 Resp: 258926
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 39.69 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

Tgt Ion: 106 Resp: 197028
Ion Ratio Lower Upper
106 100
91 204.9 163.4 245.2

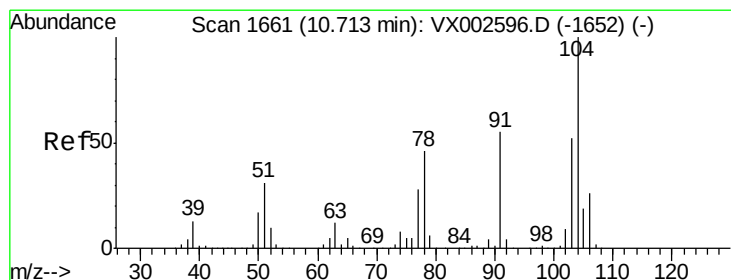
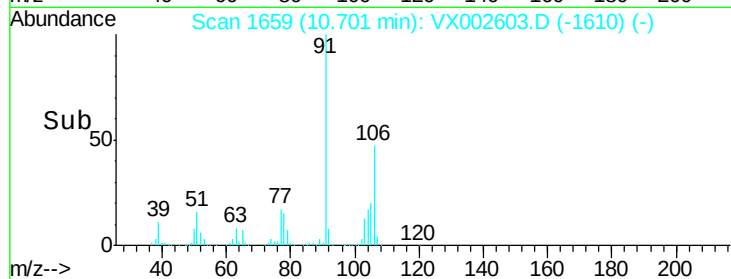
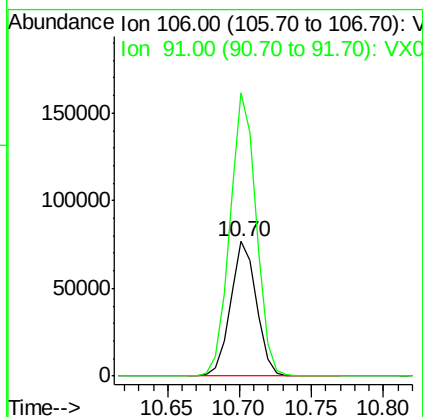
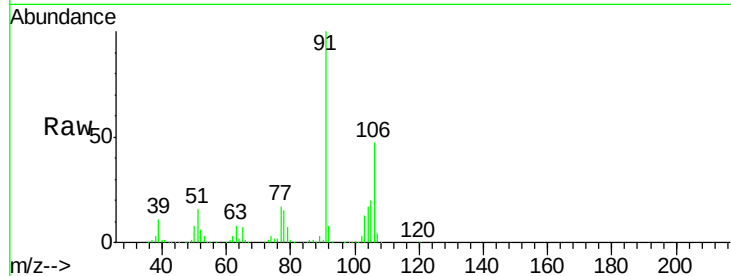




#69
o-Xylene
Concen: 19.92 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

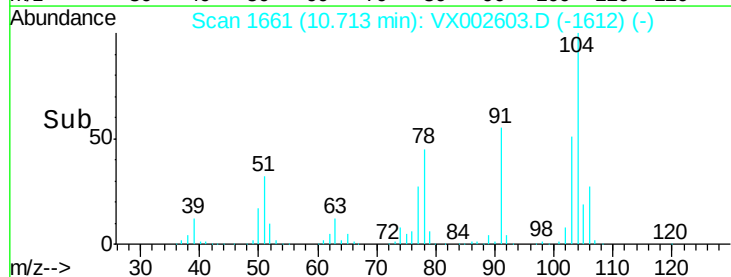
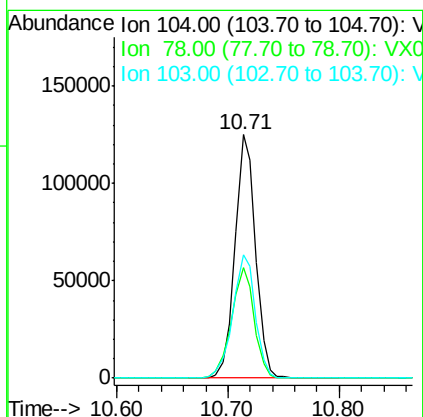
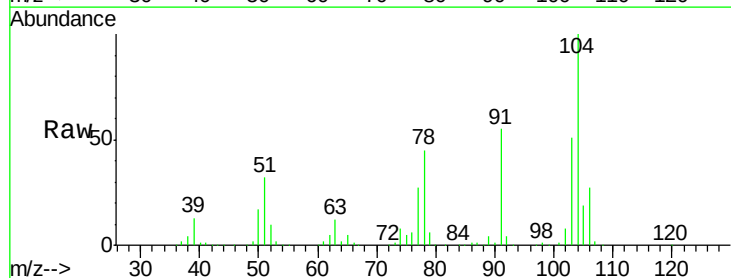
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

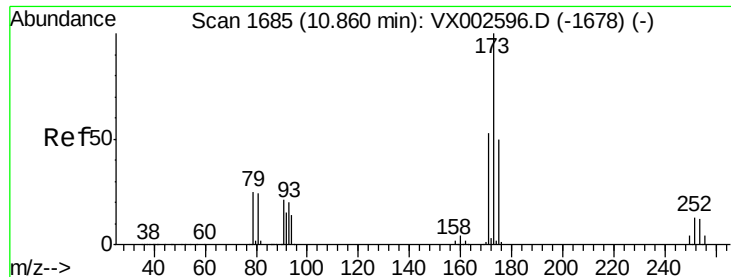
Tot Ion:106 Resp: 97162
Ion Ratio Lower Upper
106 100
91 213.1 108.2 324.6



#70
Styrene
Concen: 19.93 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

Tgt Ion:104 Resp: 159855
Ion Ratio Lower Upper
104 100
78 50.0 41.0 61.6
103 55.6 44.2 66.4





#71

Bromoform

Concen: 18.58 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

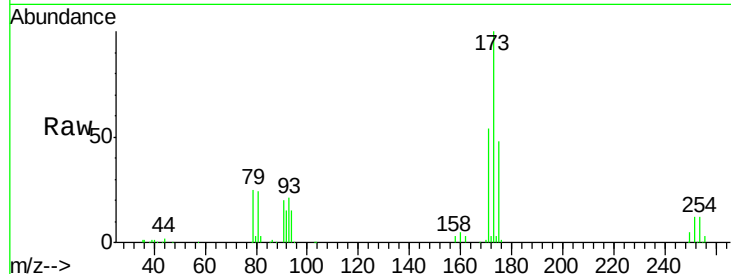
Tot Ion:173 Resp: 36012

Ion Ratio Lower Upper

173 100

175 48.3 24.7 74.1

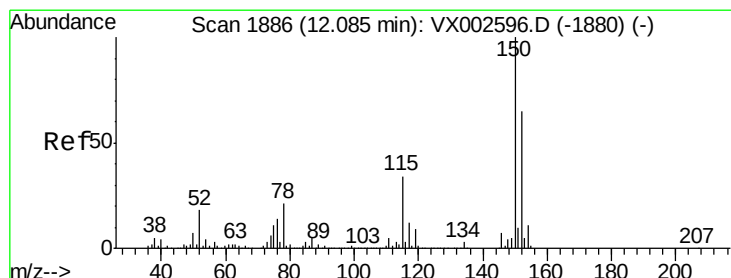
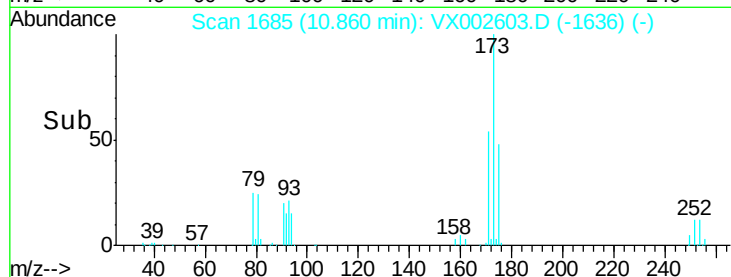
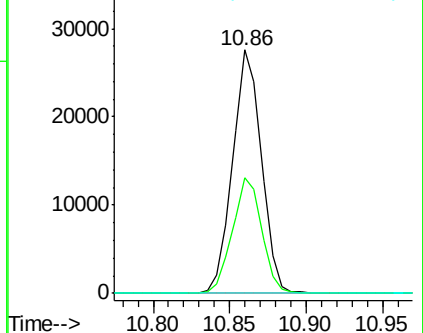
254 0.1 0.2 0.2#



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: VX002603.D

Acq: 15 Jun 2018 18:23

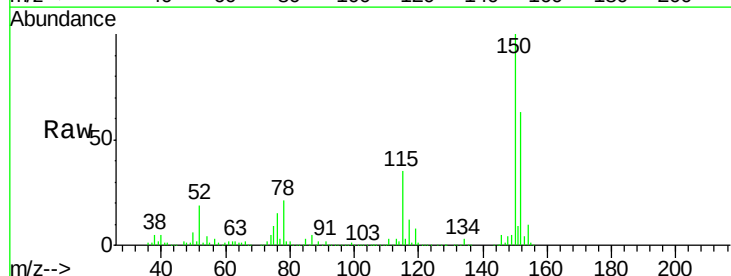
Tgt Ion:152 Resp: 188174

Ion Ratio Lower Upper

152 100

115 65.3 40.1 120.2

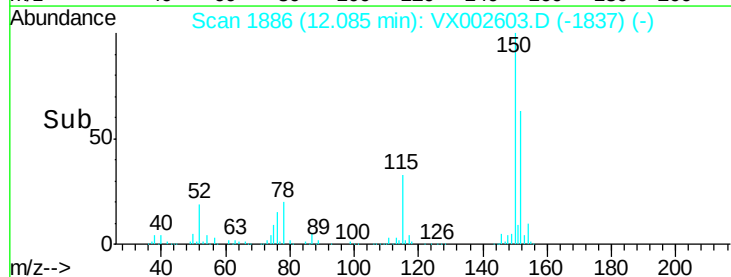
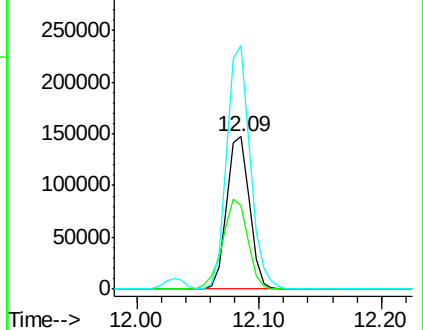
150 165.2 0.0 347.2

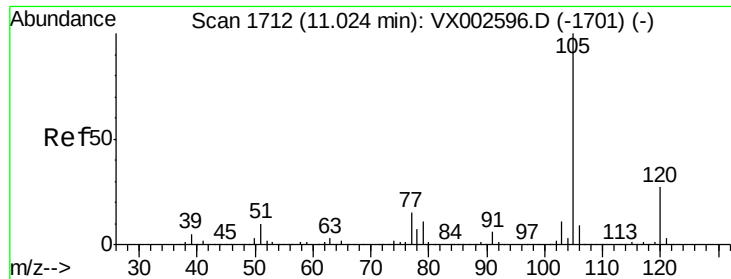


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.99 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

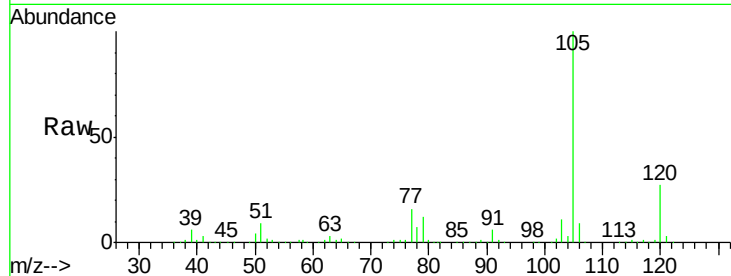
VX0615WBS01

Tot Ion:105 Resp: 264123

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

200000

150000

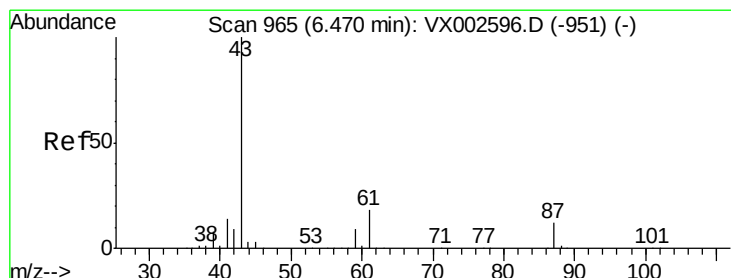
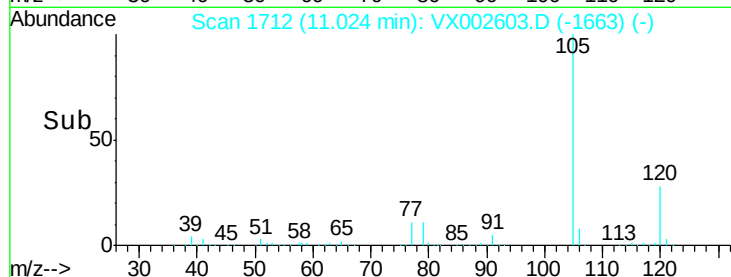
100000

50000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 20.14 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Tgt Ion: 43 Resp: 125949

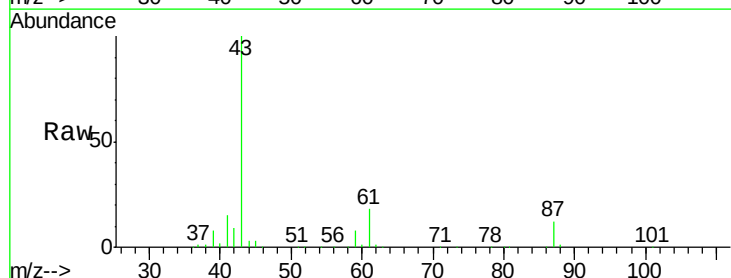
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 18.1 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

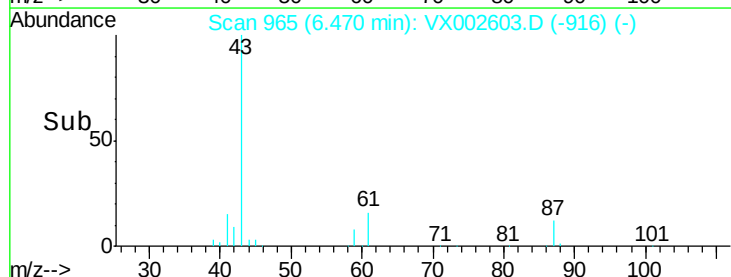
40000

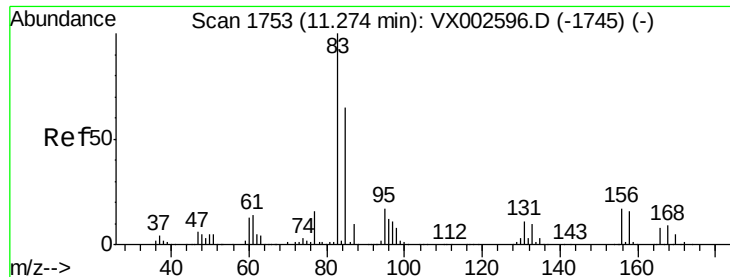
20000

0

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.02 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

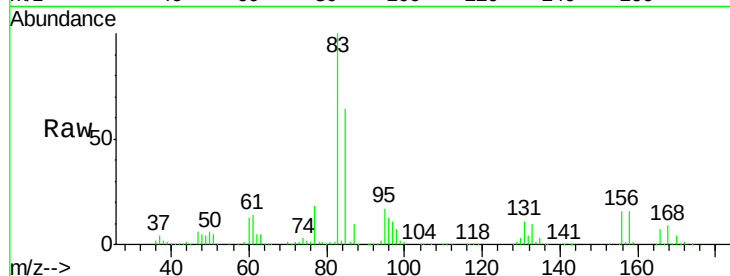
Tot Ion: 83 Resp: 78132

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

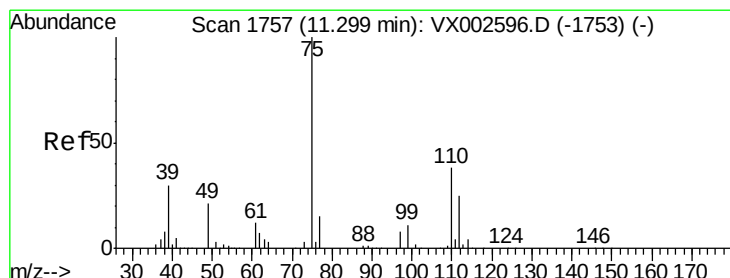
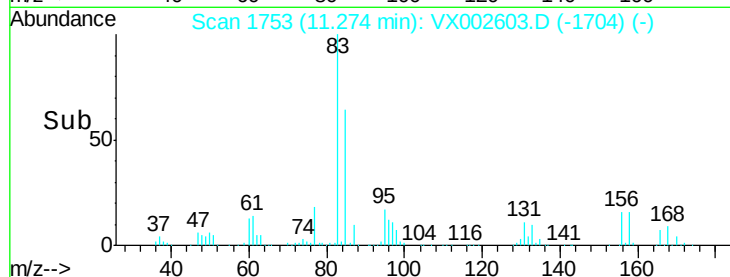
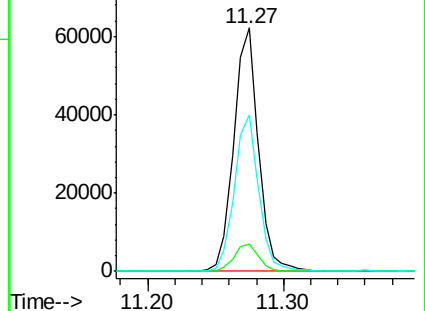
85 64.0 32.4 97.2



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: 24.87 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002603.D

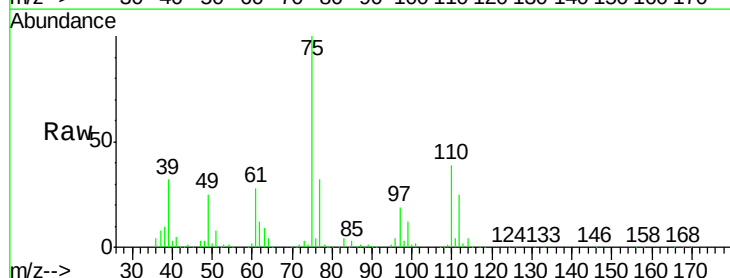
Acq: 15 Jun 2018 18:23

Tgt Ion: 75 Resp: 88306

Ion Ratio Lower Upper

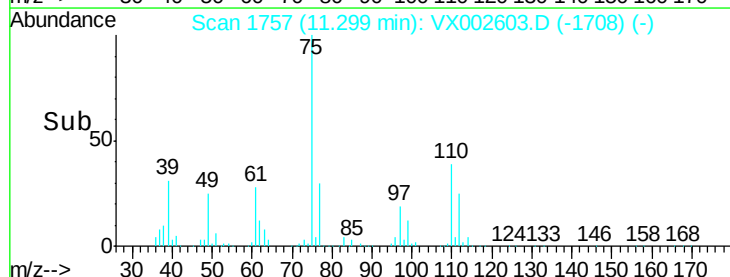
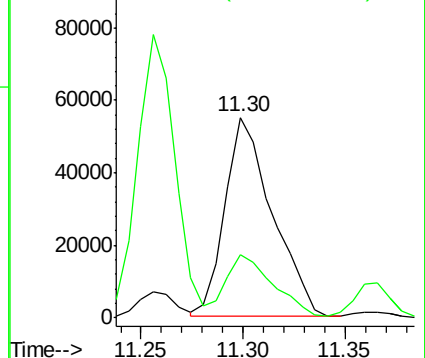
75 100

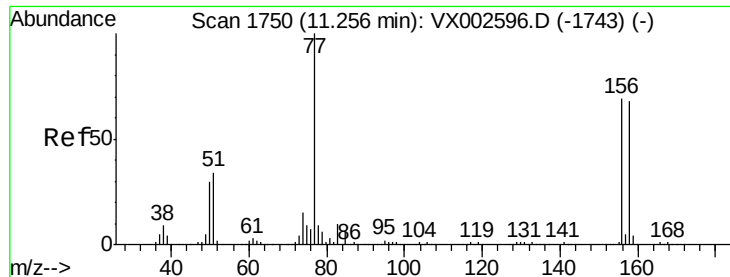
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.29 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

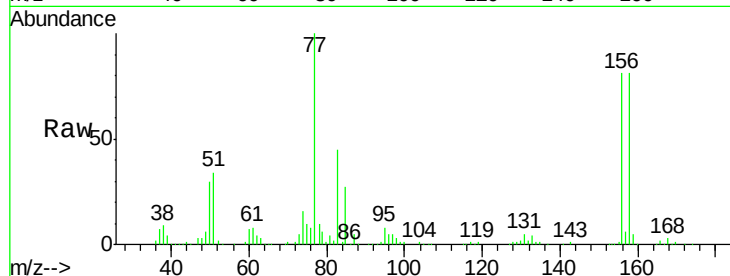
Tot Ion:156 Resp: 71128

Ion Ratio Lower Upper

156 100

77 140.6 71.4 214.2

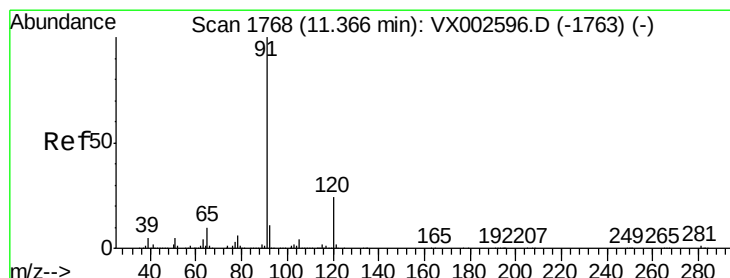
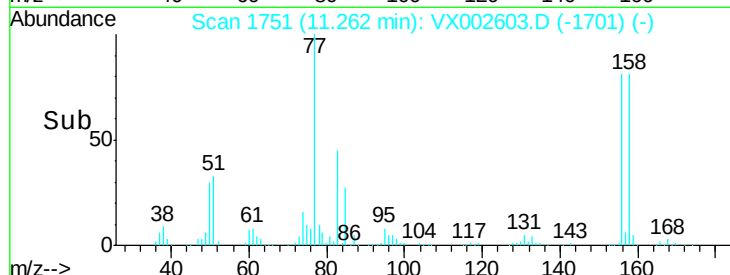
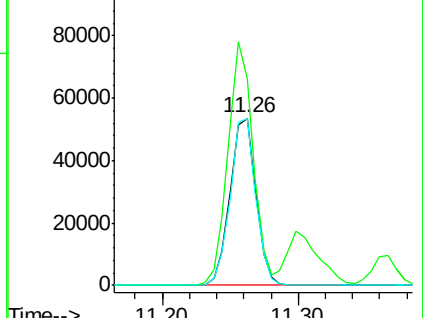
158 97.9 48.9 146.6



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: 20.91 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002603.D

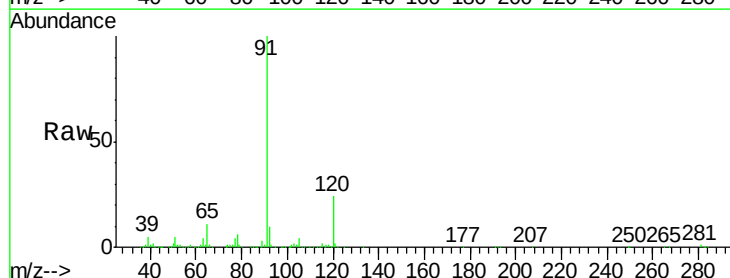
Acq: 15 Jun 2018 18:23

Tgt Ion: 91 Resp: 301862

Ion Ratio Lower Upper

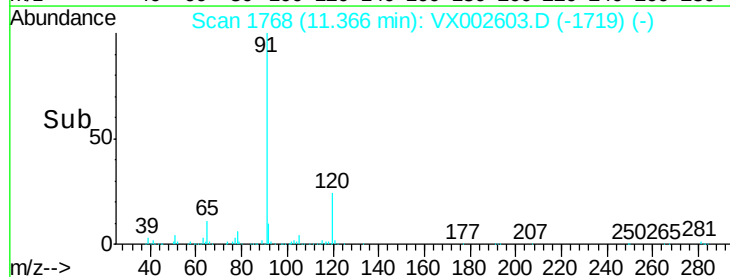
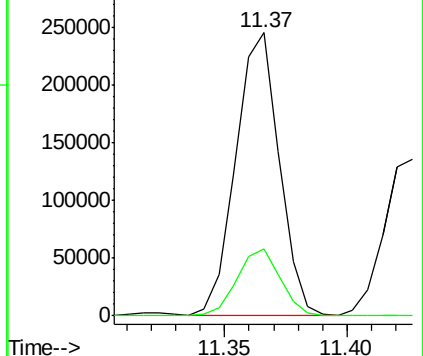
91 100

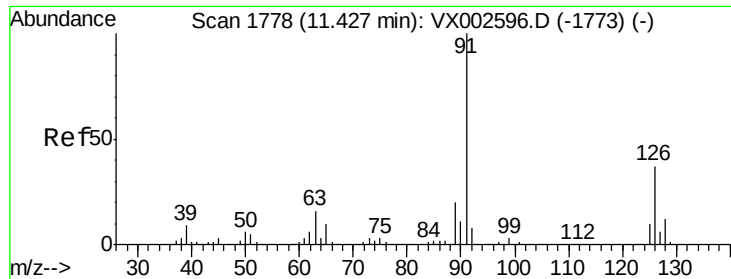
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

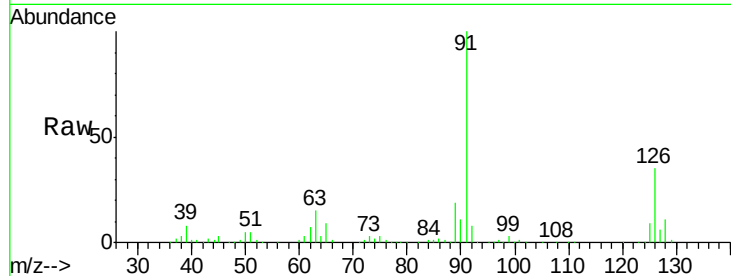




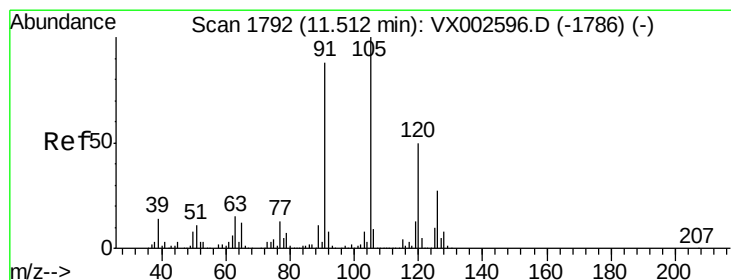
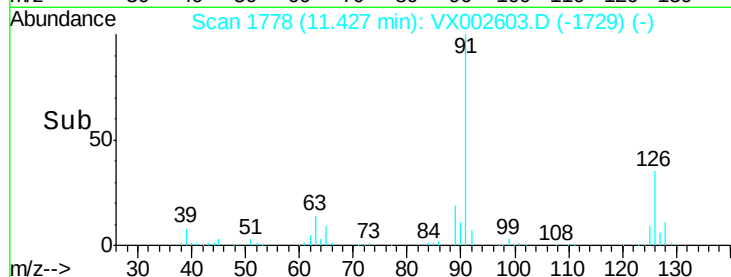
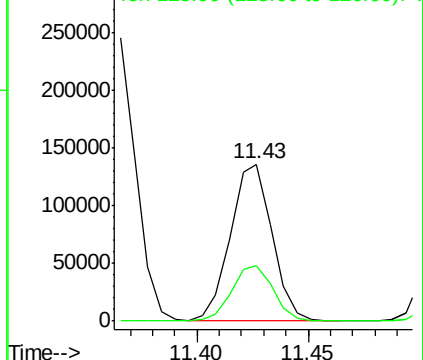
#79
 2-Chlorotoluene
 Concen: 20.40 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Instrument :
 MSVOA_X
 ClientSampled :
 VX0615WBS01

Tot Ion: 91 Resp: 175756
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.7 53.1

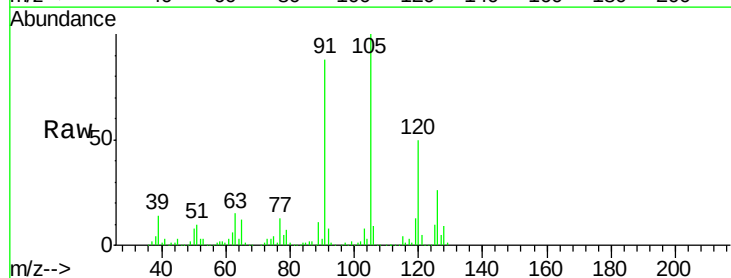


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

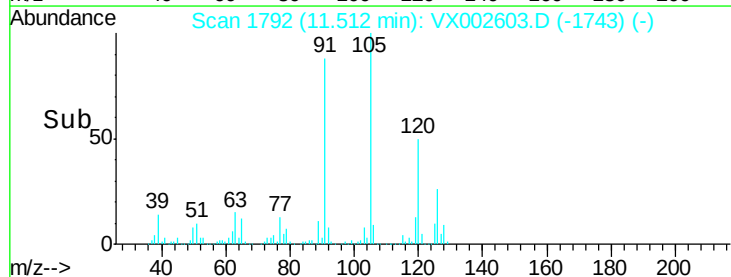
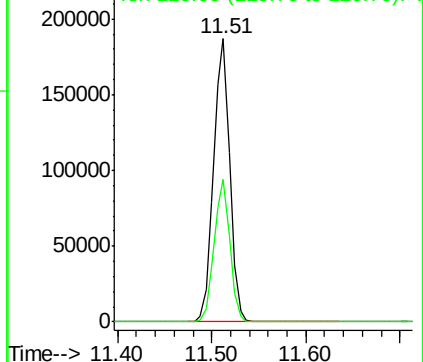


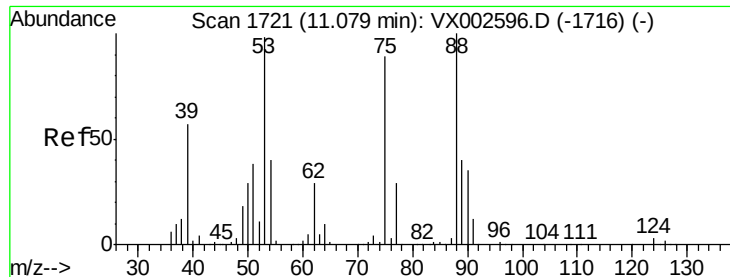
#80
 1,3,5-Trimethylbenzene
 Concen: 20.89 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Tgt Ion: 105 Resp: 222209
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.97 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampled :

VX0615WBS01

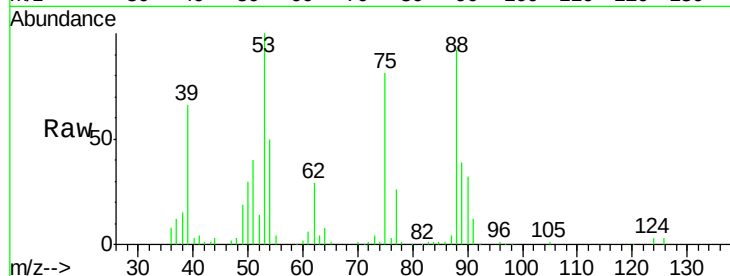
Tot Ion: 75 Resp: 17912

Ion Ratio Lower Upper

75 100

53 129.3 86.8 130.2

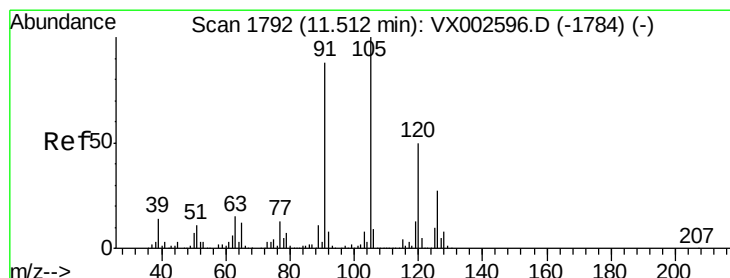
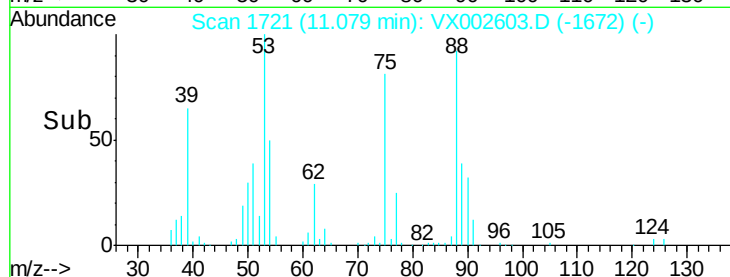
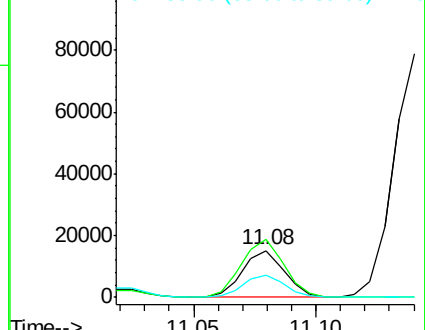
89 48.1 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.54 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002603.D

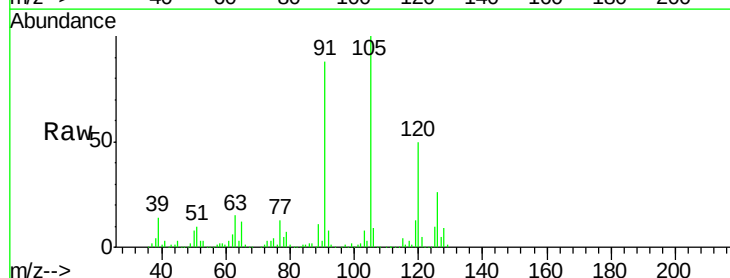
Acq: 15 Jun 2018 18:23

Tgt Ion: 91 Resp: 208859

Ion Ratio Lower Upper

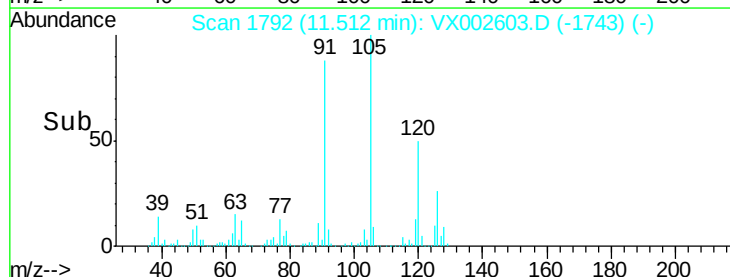
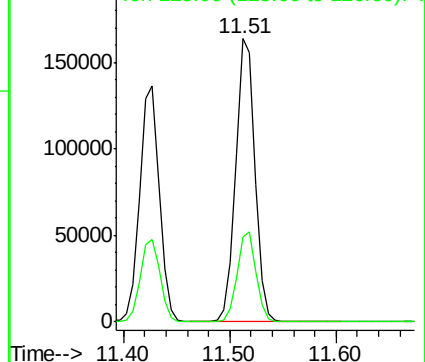
91 100

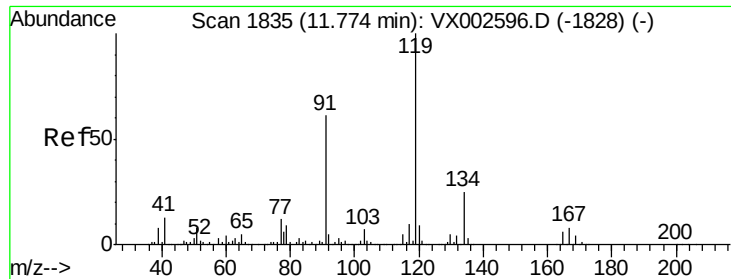
126 31.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

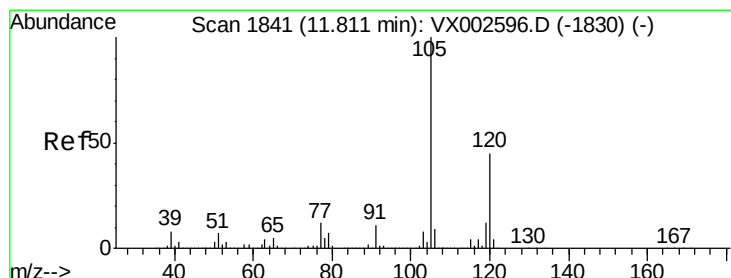
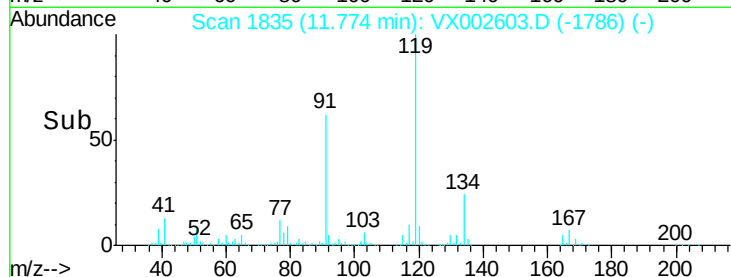
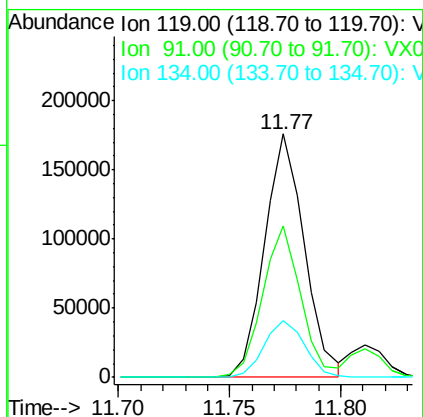
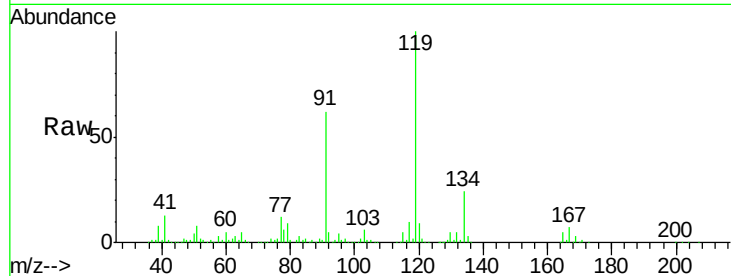




#83
 tert-Butylbenzene
 Concen: 21.30 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

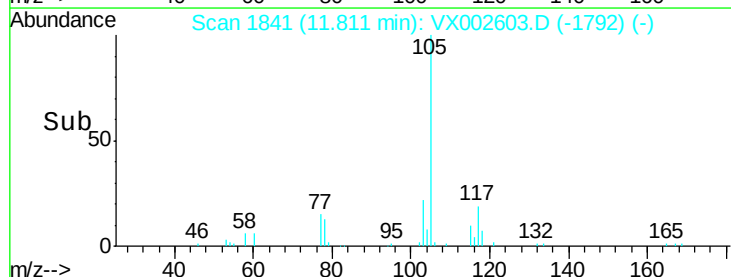
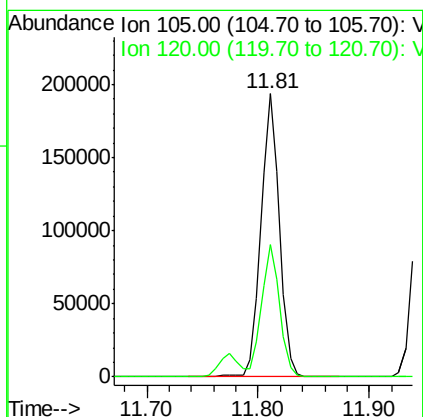
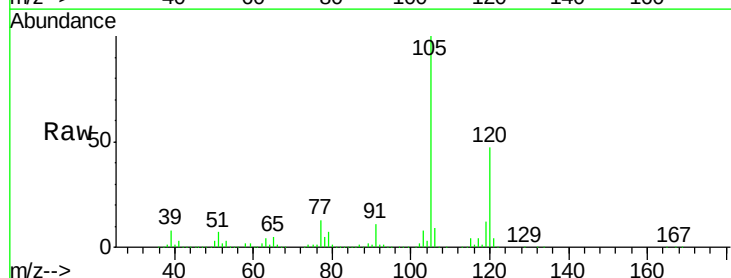
Instrument :
 MSVOA_X
 ClientSampled :
 VX0615WBS01

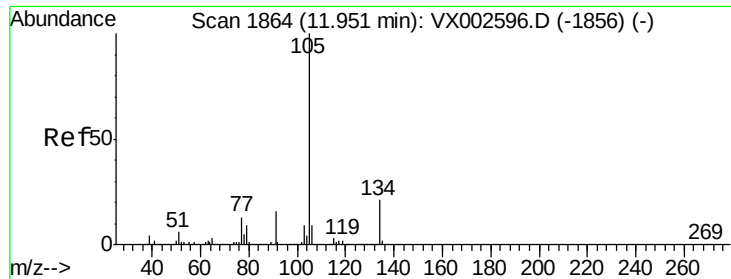
Tot Ion:119 Resp: 218251
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.82 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Tgt Ion:105 Resp: 225993
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.06 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

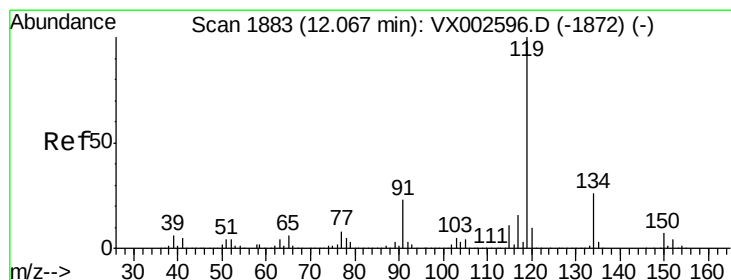
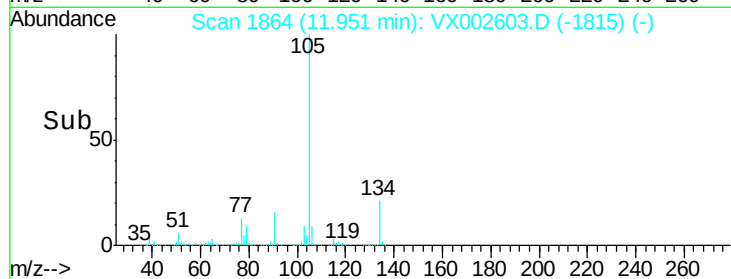
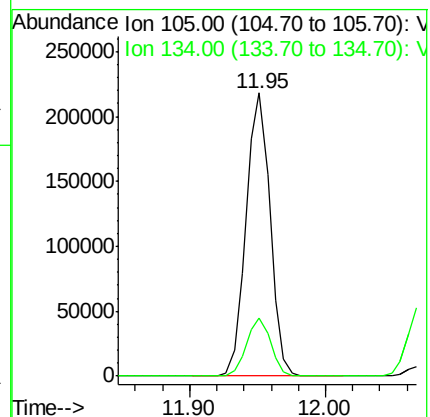
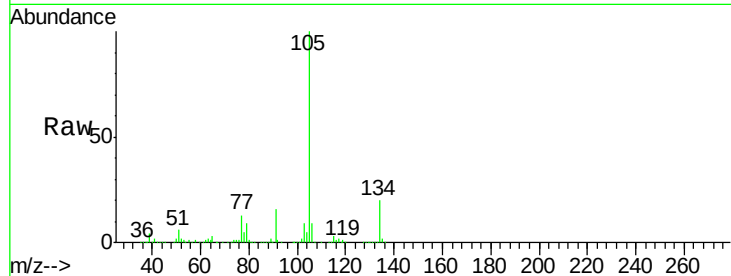
VX0615WBS01

Tot Ion:105 Resp: 268330

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.94 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

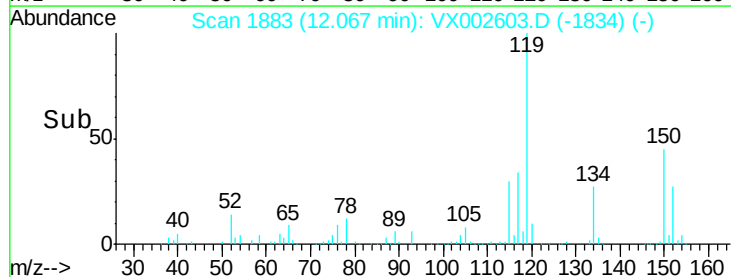
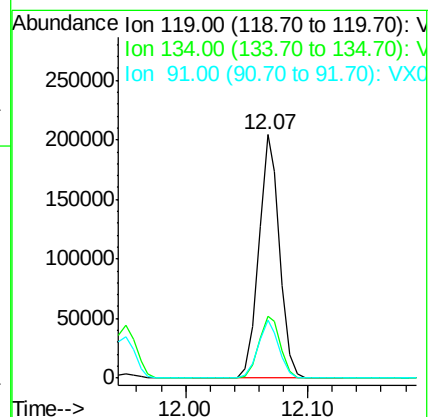
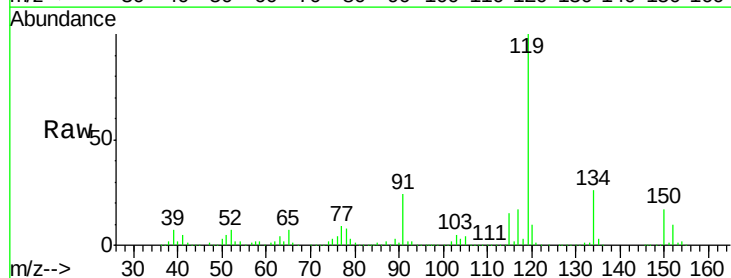
Tgt Ion:119 Resp: 241406

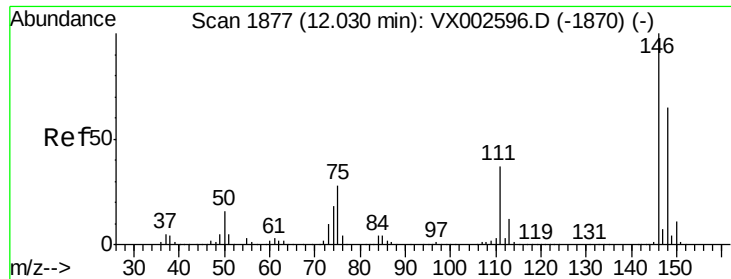
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.8 11.9 35.7

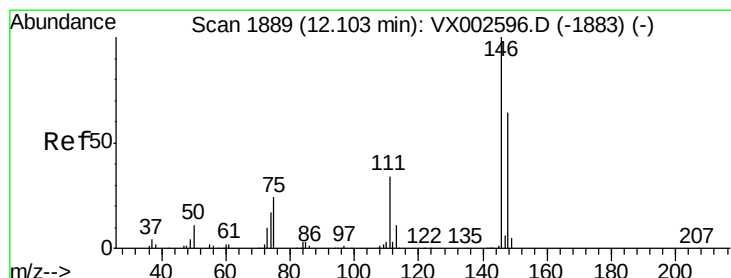
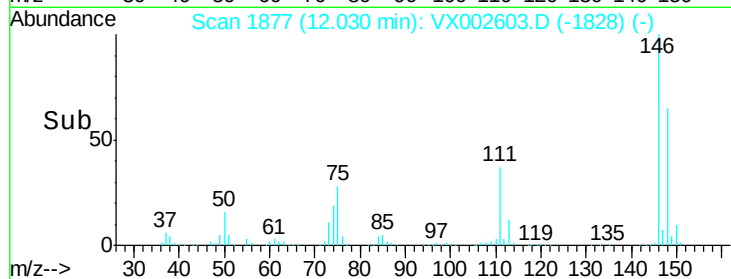
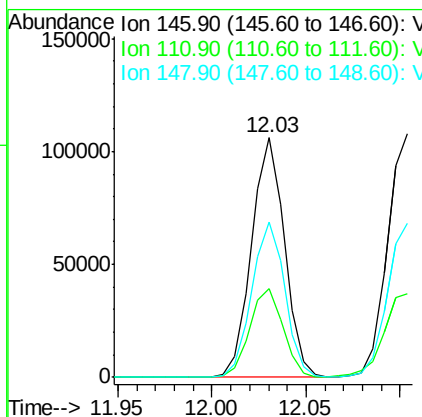
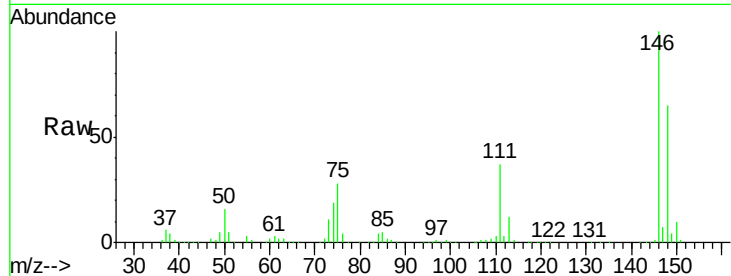




#87
 1,3-Dichlorobenzene
 Concen: 19.91 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

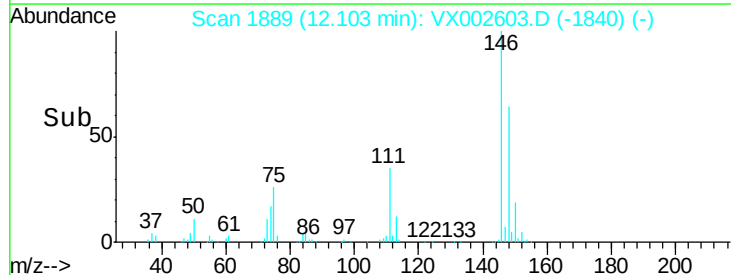
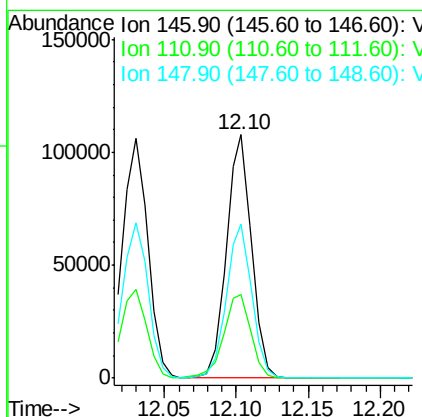
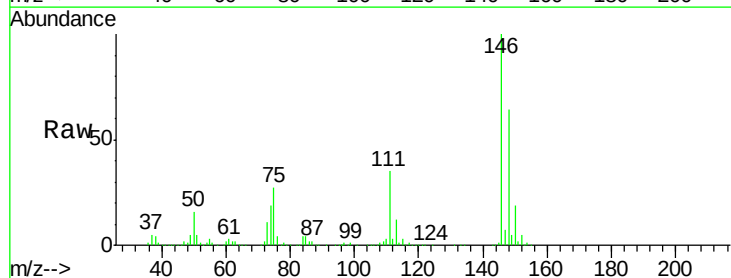
Instrument :
 MSVOA_X
 ClientSampled :
 VX0615WBS01

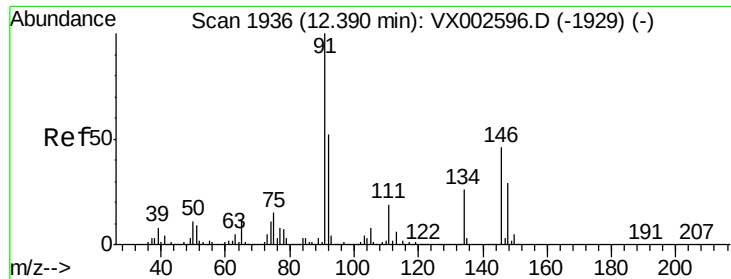
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	65.0	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.35 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.2	32.4	97.0

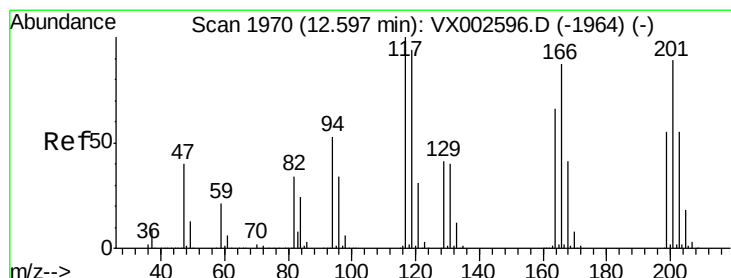
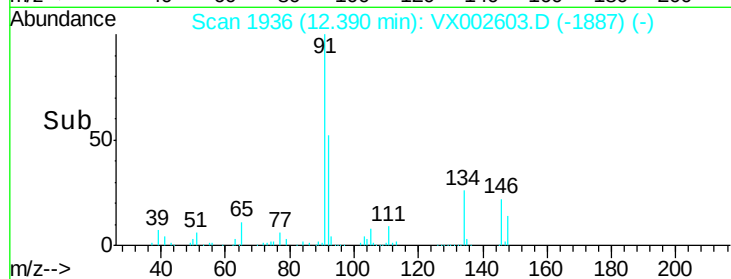
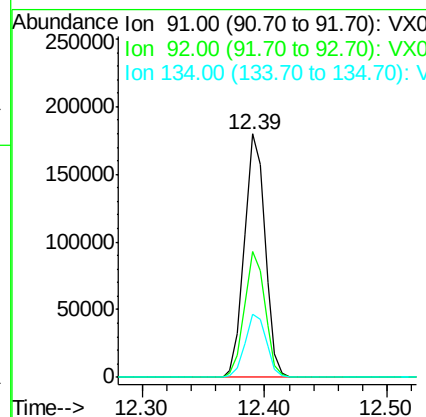
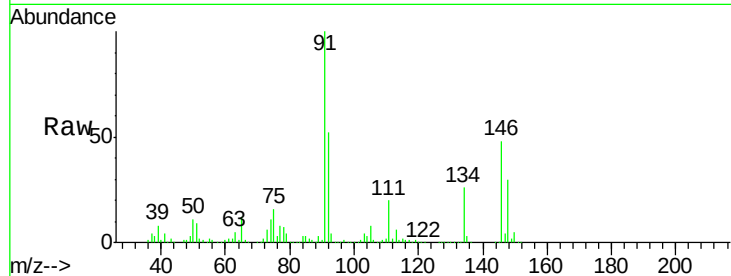




#89
n-Butylbenzene
Concen: 20.63 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

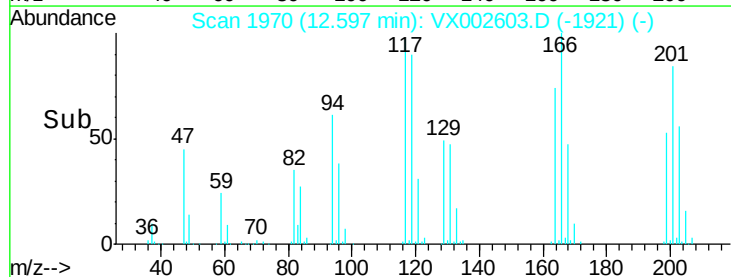
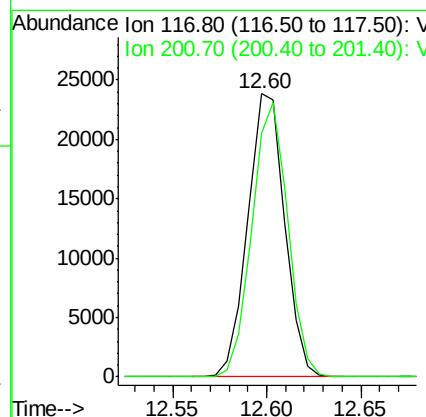
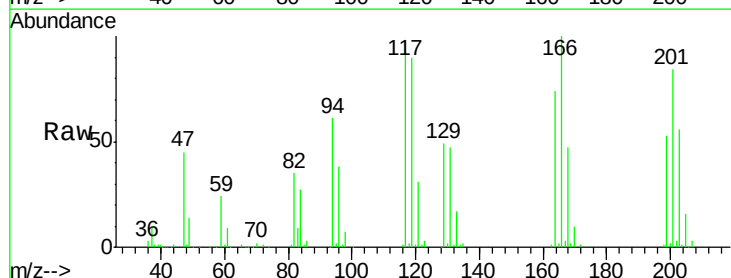
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

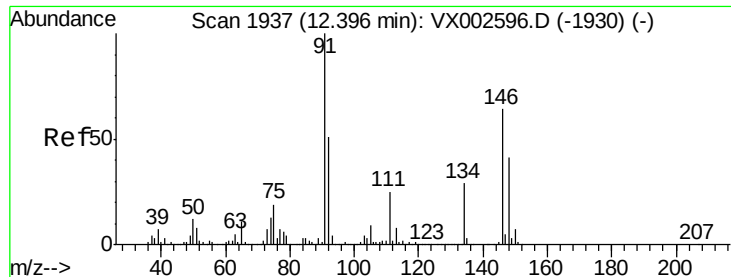
Tot Ion: 91 Resp: 209790
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 26.7 13.5 40.5



#90
Hexachloroethane
Concen: 19.70 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002603.D
Acq: 15 Jun 2018 18:23

Tgt Ion: 117 Resp: 32387
Ion Ratio Lower Upper
117 100
201 93.7 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 20.24 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

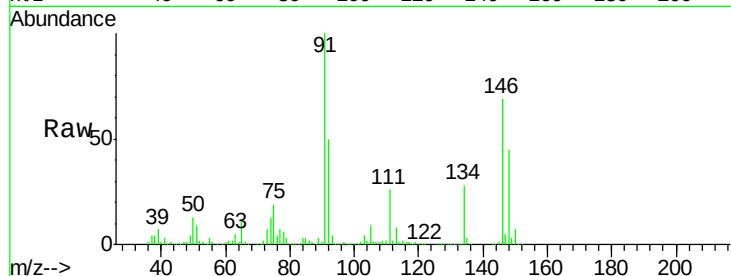
Tot Ion:146 Resp: 130984

Ion Ratio Lower Upper

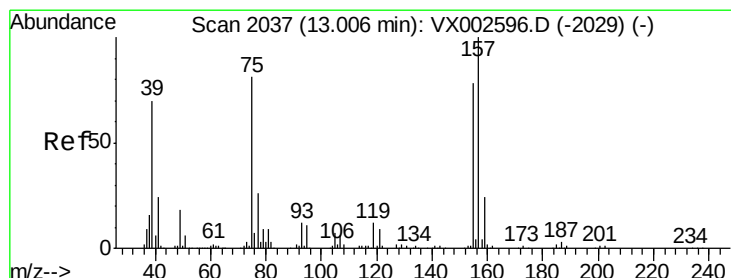
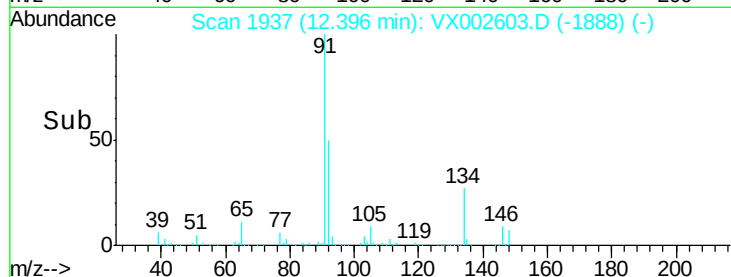
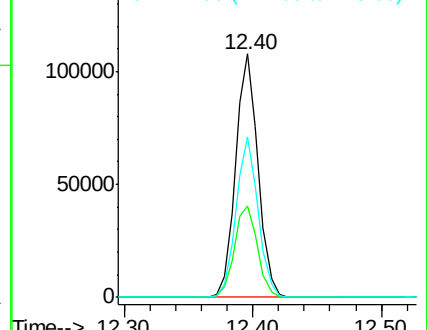
146 100

111 38.8 19.4 58.1

148 64.9 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.86 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

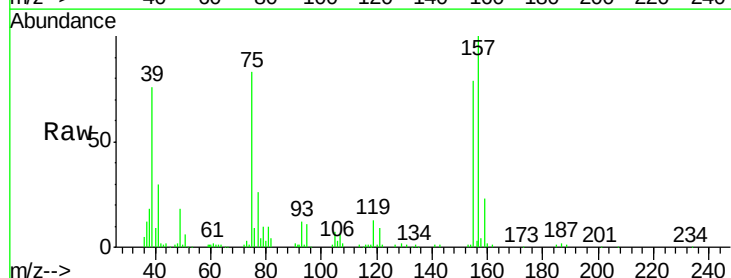
Tgt Ion: 75 Resp: 16239

Ion Ratio Lower Upper

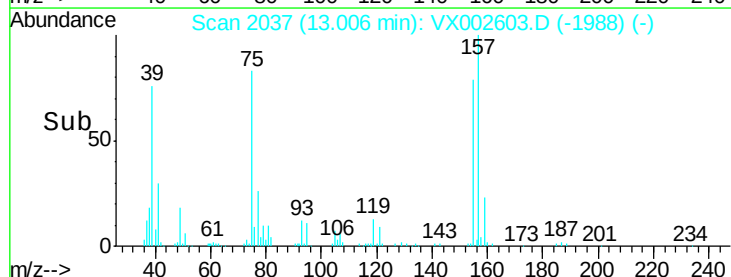
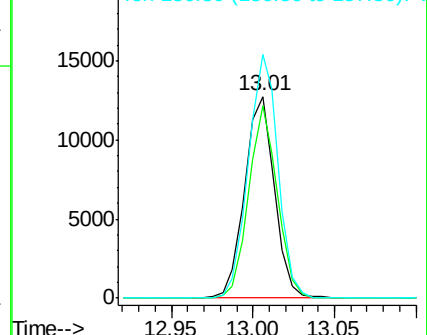
75 100

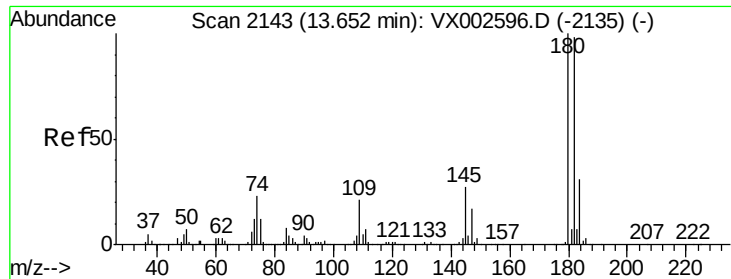
155 91.3 45.8 137.4

157 120.2 60.1 180.3



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

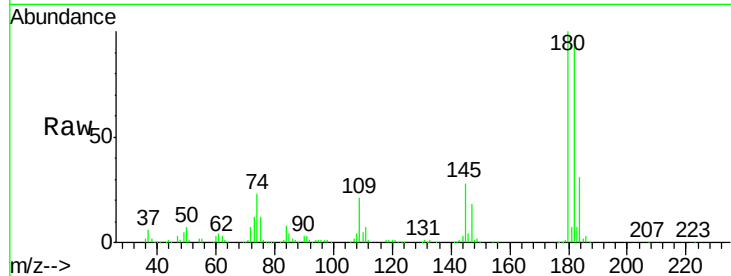




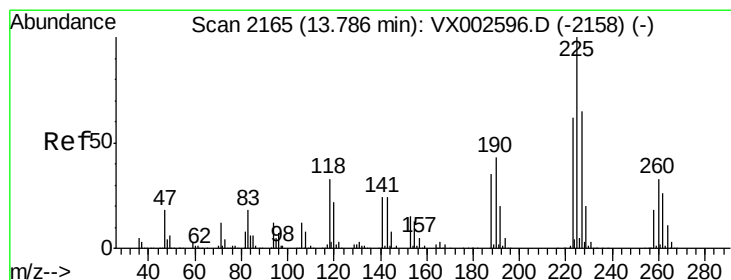
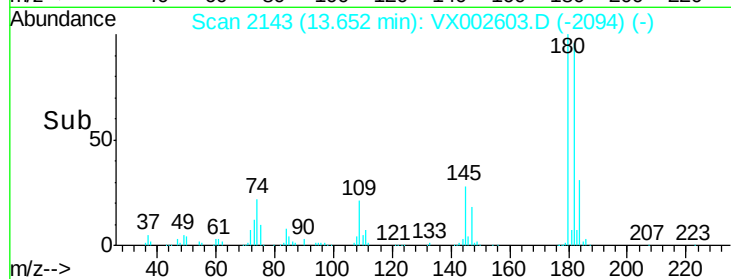
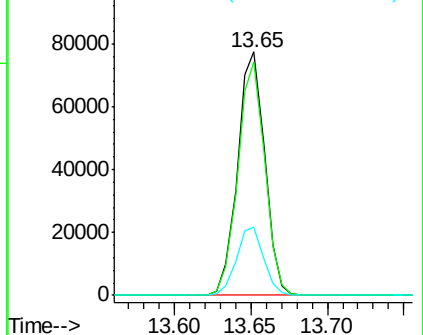
#93
 1,2,4-Trichlorobenzene
 Concen: 20.27 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

Tot Ion:180 Resp: 95217
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.7 143.1
 145 28.1 14.1 42.4

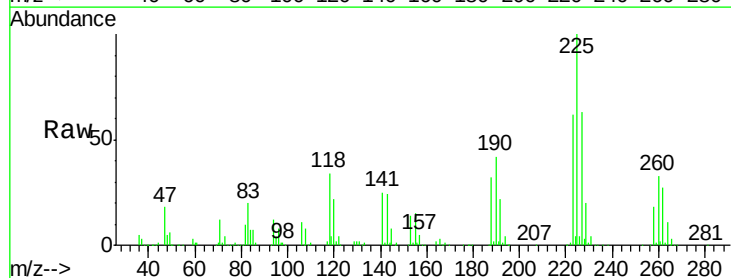


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

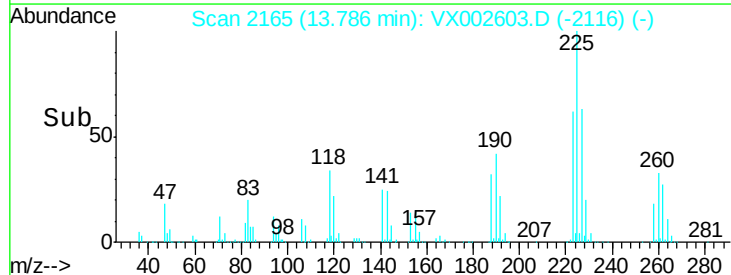
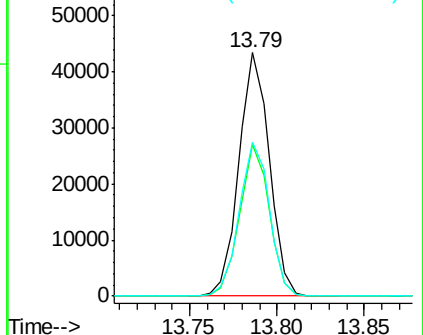


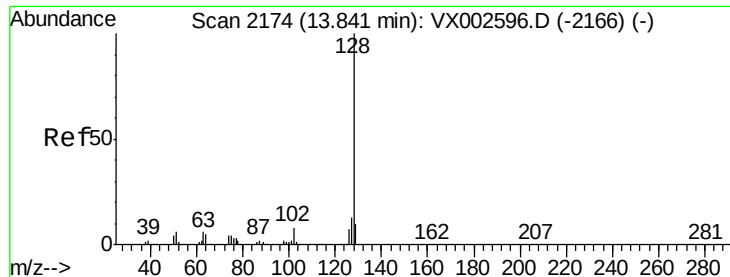
#94
 Hexachlorobutadiene
 Concen: 21.14 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002603.D
 Acq: 15 Jun 2018 18:23

Tgt Ion:225 Resp: 52313
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.6 95.0
 227 62.9 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.07 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

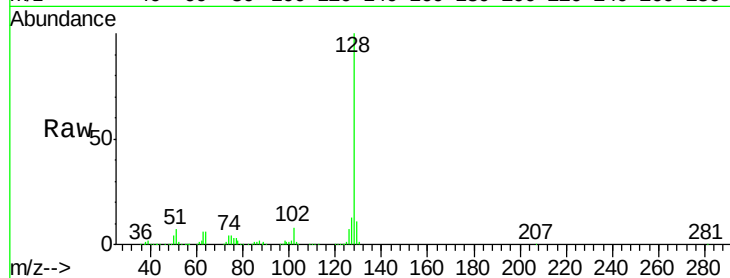
Tot Ion:128 Resp: 266259

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

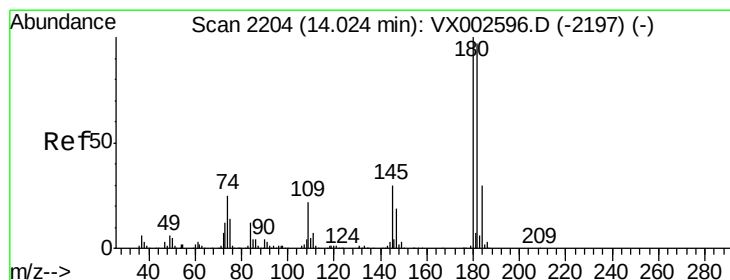
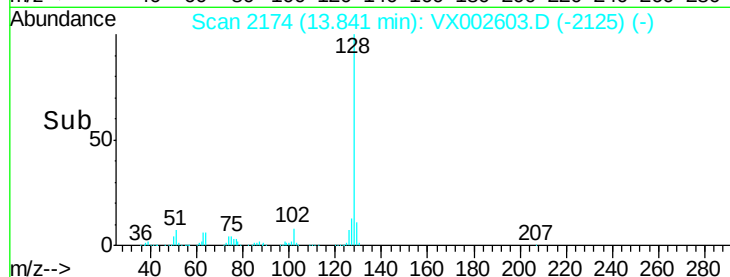
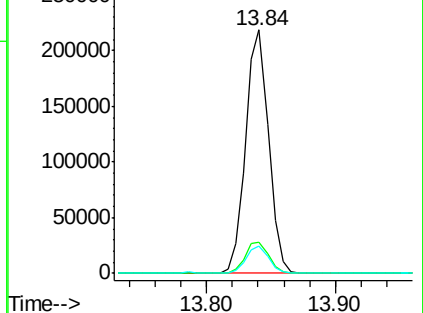
129 11.1 8.6 13.0



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: 20.57 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002603.D

Acq: 15 Jun 2018 18:23

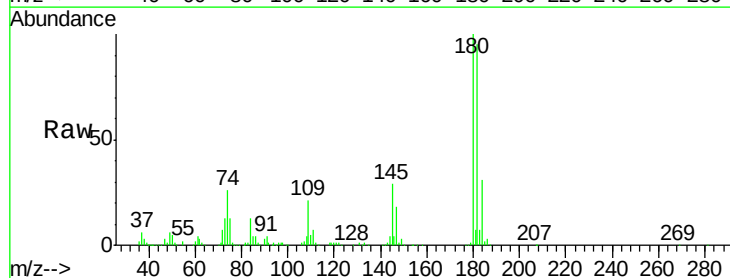
Tgt Ion:180 Resp: 97043

Ion Ratio Lower Upper

180 100

182 94.6 48.0 144.0

145 29.7 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

