

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002837.D
 Acq On : 22 Jun 2018 17:53
 Operator : JC/MD
 Sample : VX0622WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

Quant Time: Jun 23 00:24:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160781	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	
35) Dibromofluoromethane	5.51	113	128508	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	8.72	98	460270	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
62) 4-Bromofluorobenzene	11.14	95	179713	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50416	19.06	ug/l	99
3) Chloromethane	1.32	50	51261	16.29	ug/l	100
4) Vinyl Chloride	1.40	62	55054	16.86	ug/l	99
5) Bromomethane	1.64	94	41073	20.85	ug/l	100
6) Chloroethane	1.72	64	35766	16.62	ug/l	98
7) Trichlorofluoromethane	1.93	101	96760	18.24	ug/l	97
8) Diethyl Ether	2.19	74	33486	16.60	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55325	18.66	ug/l	98
10) Methyl Iodide	2.51	142	47126	15.74	ug/l	99
11) Tert butyl alcohol	3.07	59	67262	85.94	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47569	17.09	ug/l	98
13) Acrolein	2.29	56	20655	61.61	ug/l	100
14) Allyl chloride	2.73	41	94535	17.10	ug/l	99
15) Acrylonitrile	3.15	53	147840	86.57	ug/l	99
16) Acetone	2.45	43	140881	84.35	ug/l	99
17) Carbon Disulfide	2.57	76	117875	17.85	ug/l	98
18) Methyl Acetate	2.78	43	85377	19.19	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	174903	16.75	ug/l	100
20) Methylene Chloride	2.86	84	54710	15.98	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	50811	16.83	ug/l	97
22) Diisopropyl ether	3.87	45	185794	18.58	ug/l	97
23) Vinyl Acetate	3.82	43	779005	93.08	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101212	18.65	ug/l	99
25) 2-Butanone	4.71	43	209038	95.30	ug/l	99
26) 2,2-Dichloropropane	4.59	77	76645	19.65	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	58022	18.88	ug/l	94
28) Bromochloromethane	5.02	49	44329	17.44	ug/l	94
29) Tetrahydrofuran	5.17	42	131957	91.79	ug/l	98
30) Chloroform	5.21	83	100760	19.25	ug/l	98
31) Cyclohexane	5.57	56	82865	18.54	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	88587	20.24	ug/l	99
36) 1,1-Dichloropropene	5.80	75	70960	19.81	ug/l	97
37) Ethyl Acetate	4.86	43	80355	19.82	ug/l	98
38) Carbon Tetrachloride	5.79	117	78531	22.02	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

Quant Time: Jun 23 00:24:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86588	20.68	ug/l	98
40) Benzene	6.15	78	214288	19.95	ug/l	99
41) Methacrylonitrile	5.06	41	46088	20.14	ug/l	97
42) 1,2-Dichloroethane	6.20	62	86248	20.74	ug/l	100
43) Isopropyl Acetate	6.46	43	130539	19.44	ug/l	100
44) Trichloroethene	7.21	130	64064	20.67	ug/l	95
45) 1,2-Dichloropropane	7.52	63	56151	19.87	ug/l	97
46) Dibromomethane	7.67	93	40038	21.18	ug/l	98
47) Bromodichloromethane	7.90	83	70990	21.29	ug/l	100
48) Methyl methacrylate	7.78	41	67665	19.72	ug/l	98
49) 1,4-Dioxane	7.76	88	27249	419.25	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	429102	99.51	ug/l	100
52) Toluene	8.79	92	138498	20.22	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	81336	19.94	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	75048	19.89	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	57188	20.66	ug/l	98
56) Ethyl methacrylate	9.18	69	82181	19.29	ug/l	98
57) 1,3-Dichloropropane	9.37	76	92028	19.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	157316	76.36	ug/l	100
59) 2-Hexanone	9.50	43	327745	100.86	ug/l	100
60) Dibromochloromethane	9.59	129	55981	20.39	ug/l	98
61) 1,2-Dibromoethane	9.68	107	58795	20.51	ug/l	100
64) Tetrachloroethene	9.34	164	72482	20.46	ug/l	97
65) Chlorobenzene	10.14	112	161345	20.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	57630	21.57	ug/l	98
67) Ethyl Benzene	10.26	91	270737	20.48	ug/l	100
68) m/p-Xylenes	10.36	106	210226	41.23	ug/l	100
69) o-Xylene	10.70	106	100534	20.07	ug/l	100
70) Styrene	10.71	104	169138	20.53	ug/l	99
71) Bromoform	10.86	173	43026	20.82	ug/l #	99
73) Isopropylbenzene	11.02	105	278925	20.76	ug/l	100
74) N-amyl acetate	6.46	43	130539	19.55	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82723	20.85	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	93599	24.69	ug/l	80
77) Bromobenzene	11.26	156	76505	20.44	ug/l	98
78) n-propylbenzene	11.36	91	321792	20.88	ug/l	100
79) 2-Chlorotoluene	11.43	91	187846	20.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	236175	20.80	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20964	20.40	ug/l	93
82) 4-Chlorotoluene	11.51	91	224381	20.67	ug/l	99
83) tert-Butylbenzene	11.77	119	226994	20.75	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	244732	21.12	ug/l	99
85) sec-Butylbenzene	11.95	105	284401	20.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	256853	20.87	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	141955	20.68	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143668	20.57	ug/l	99
89) n-Butylbenzene	12.39	91	219915	20.26	ug/l	99
90) Hexachloroethane	12.60	117	35235	20.03	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	143970	20.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17942	21.59	ug/l	98

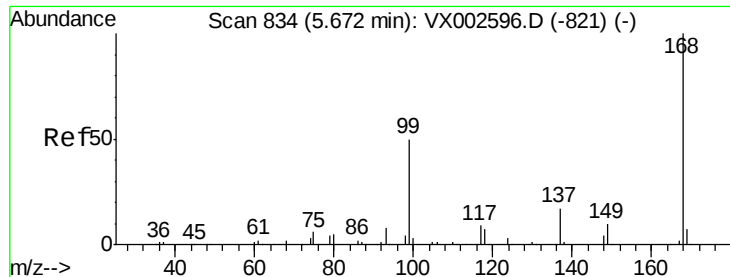
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062218\
Data File : VX002837.D
Acq On : 22 Jun 2018 17:53
Operator : JC/MD
Sample : VX0622WBS02
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Quant Time: Jun 23 00:24:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103821	20.70	ug/l	99
94) Hexachlorobutadiene	13.79	225	54430	20.61	ug/l	99
95) Naphthalene	13.84	128	279520	20.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105570	20.96	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

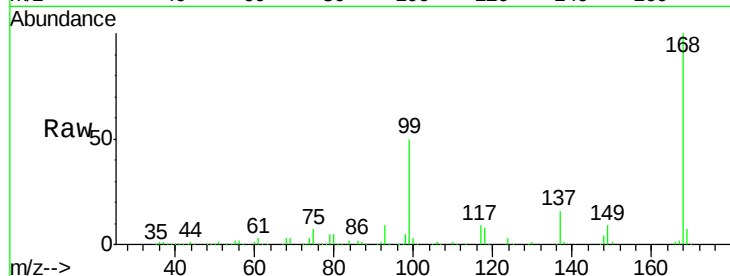
VX0622WBS02

Tot Ion:168 Resp: 249127

Ion Ratio Lower Upper

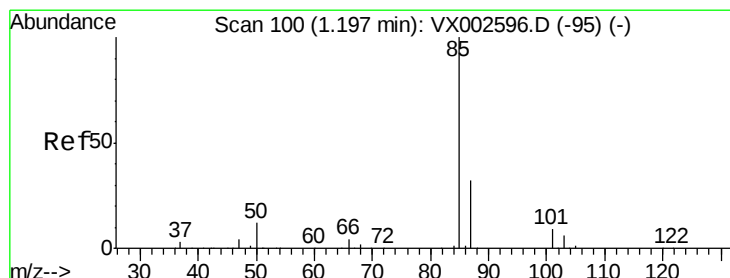
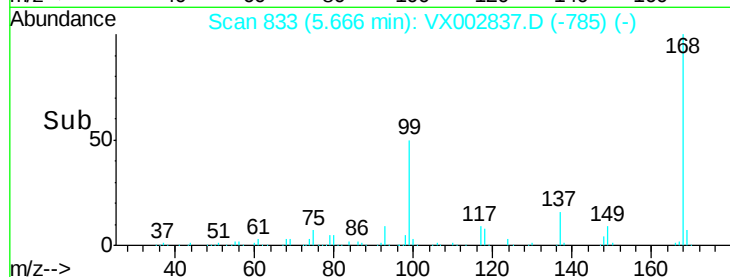
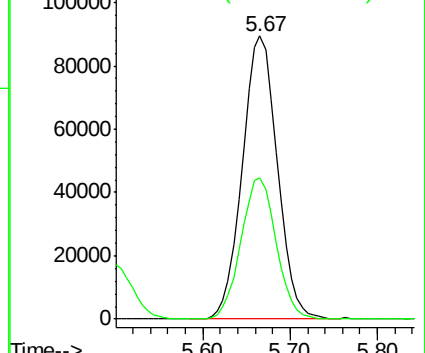
168 100

99 49.8 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: 19.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002837.D

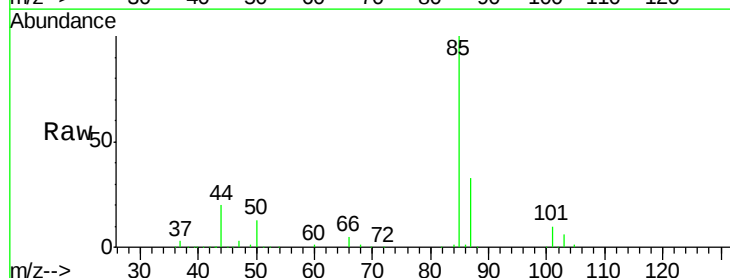
Acq: 22 Jun 2018 17:53

Tgt Ion: 85 Resp: 50416

Ion Ratio Lower Upper

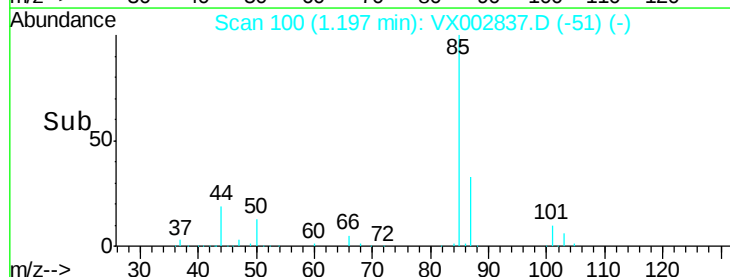
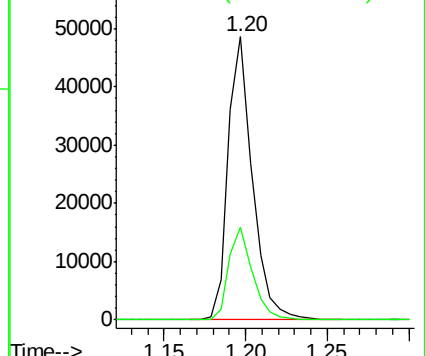
85 100

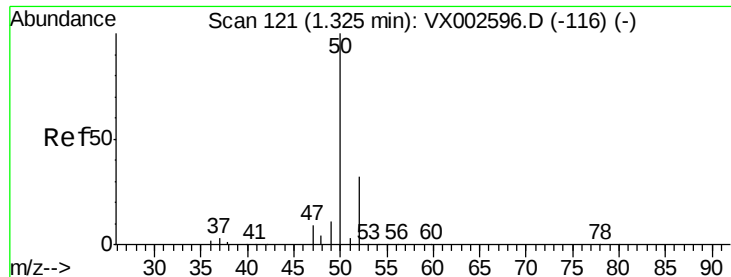
87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampled :

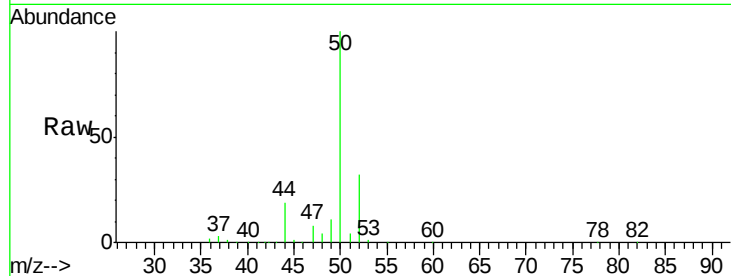
VX0622WBS02

Tot Ion: 50 Resp: 51261

Ion Ratio Lower Upper

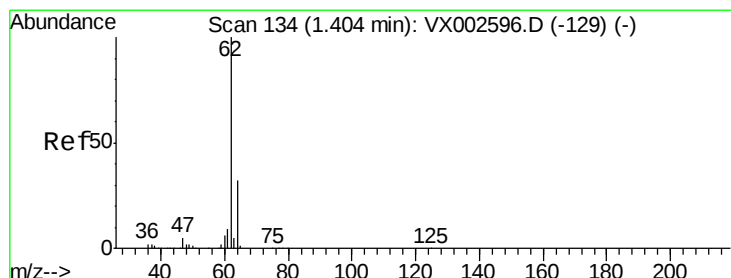
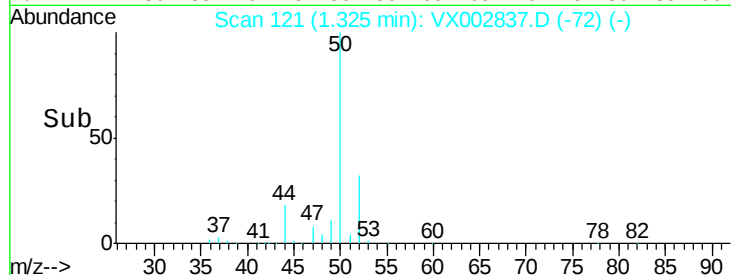
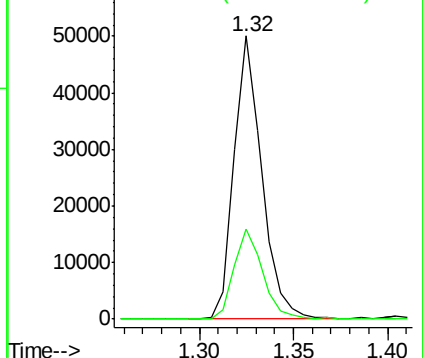
50 100

52 31.9 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: 16.86 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002837.D

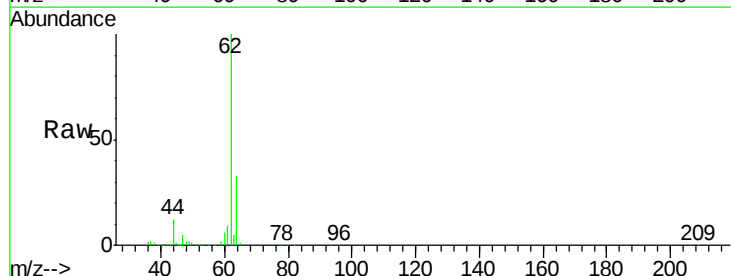
Acq: 22 Jun 2018 17:53

Tgt Ion: 62 Resp: 55054

Ion Ratio Lower Upper

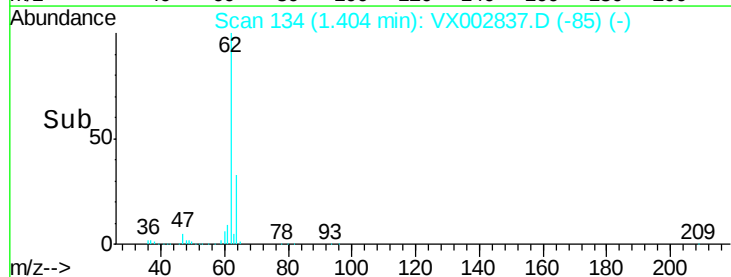
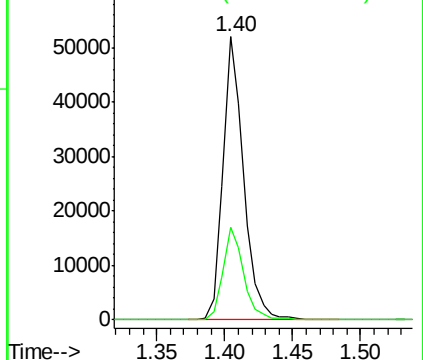
62 100

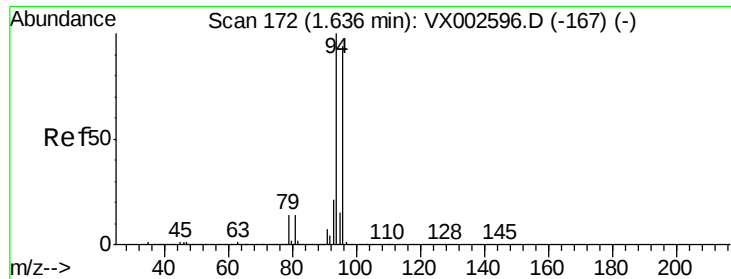
64 32.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.85 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

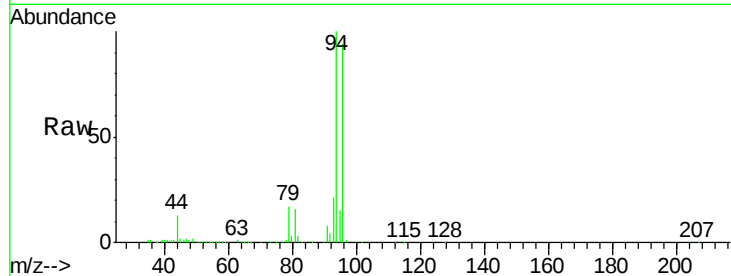
VX0622WBS02

Tot Ion: 94 Resp: 41073

Ion Ratio Lower Upper

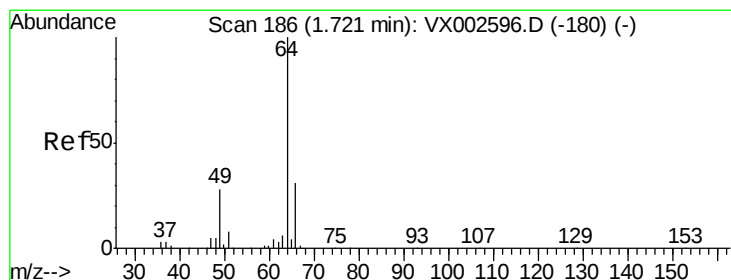
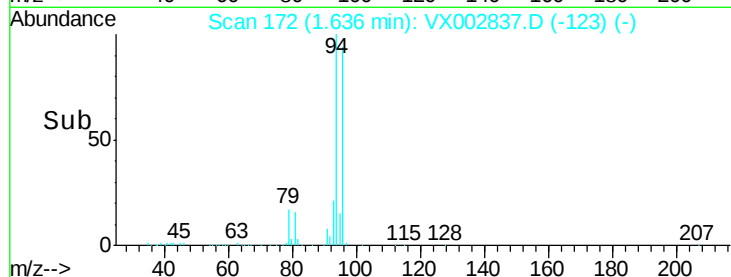
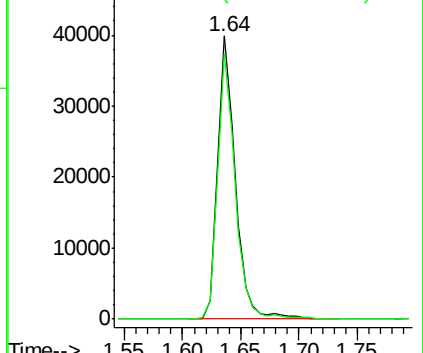
94 100

96 94.0 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: 16.62 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002837.D

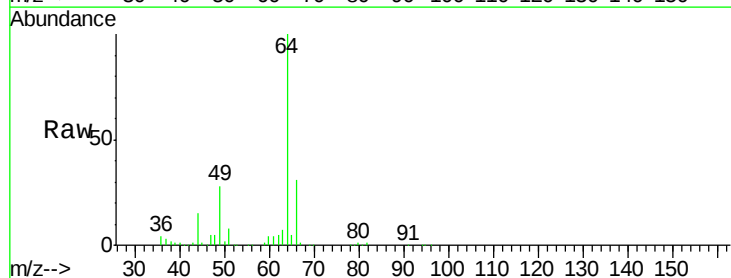
Acq: 22 Jun 2018 17:53

Tgt Ion: 64 Resp: 35766

Ion Ratio Lower Upper

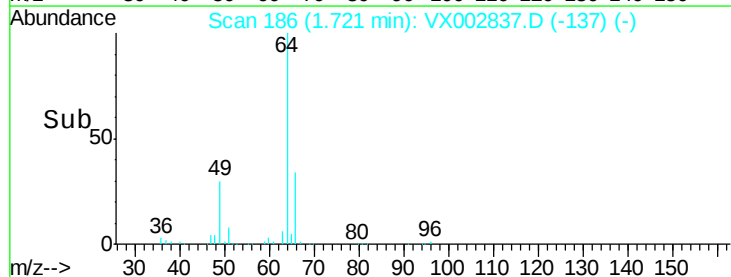
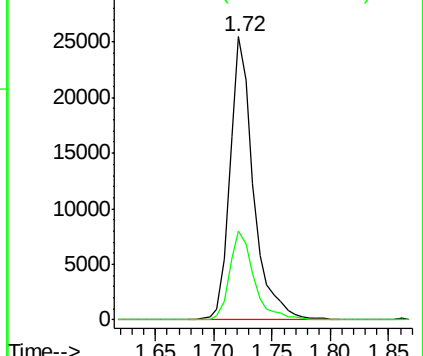
64 100

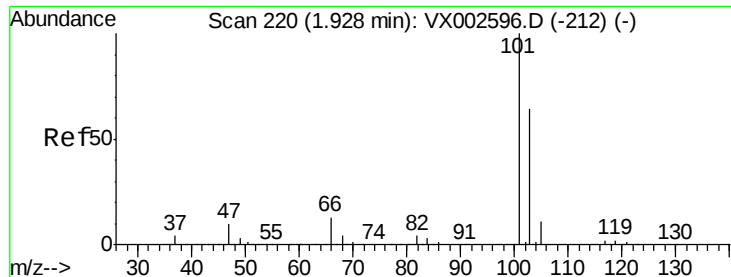
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



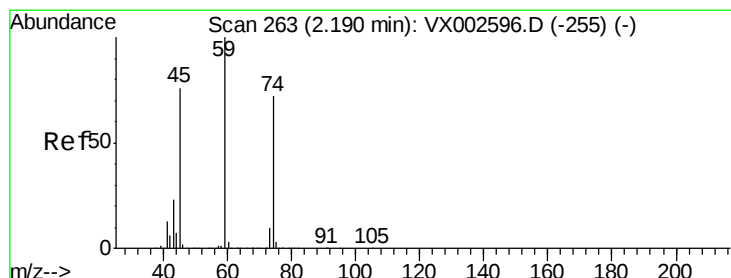
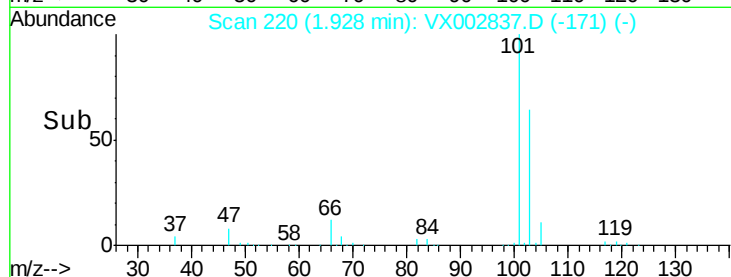
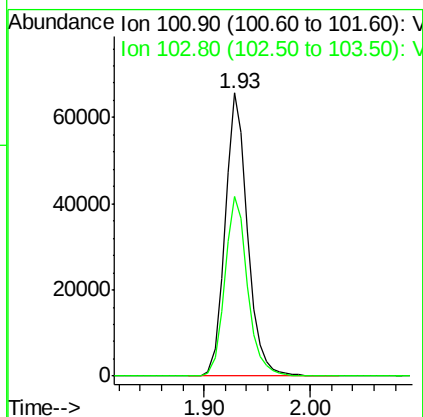
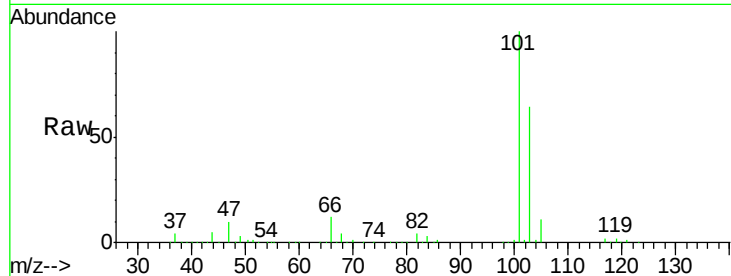


#7

Trichlorofluoromethane
 Concen: 18.24 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

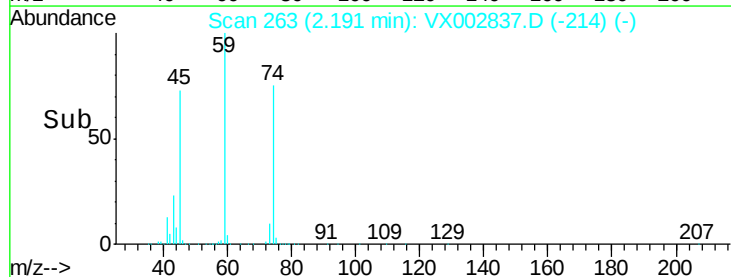
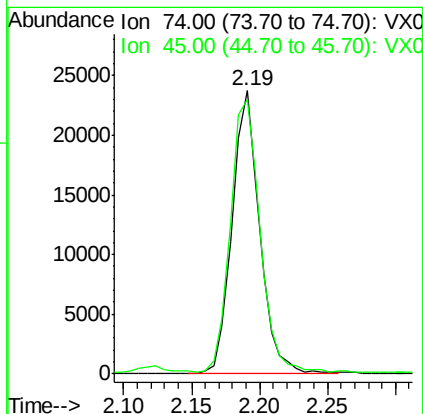
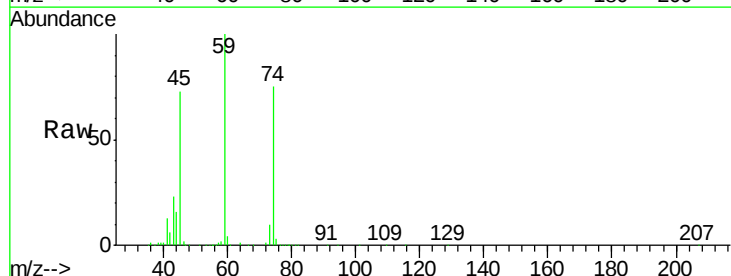
Tot Ion:101 Resp: 96760
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.8 79.2



#8

Diethyl Ether
 Concen: 16.60 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion: 74 Resp: 33486
 Ion Ratio Lower Upper
 74 100
 45 103.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.66 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

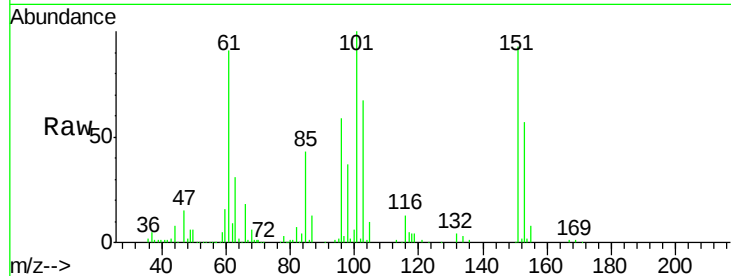
Tot Ion:101 Resp: 55325

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

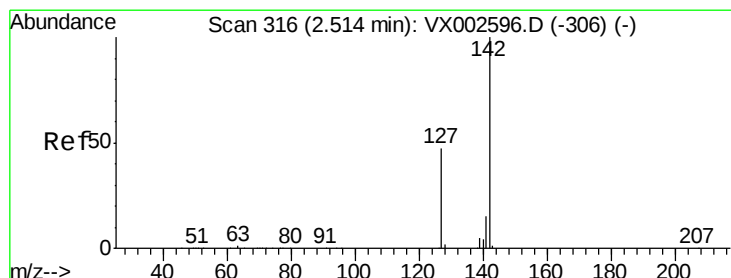
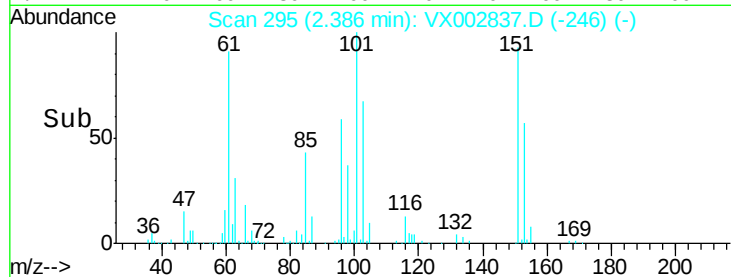
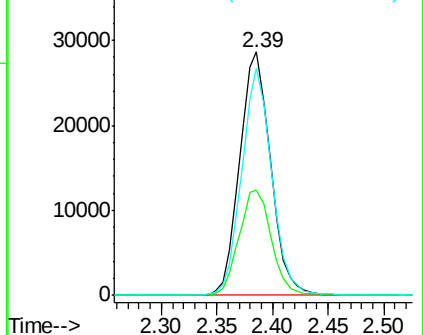
151 90.7 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.74 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

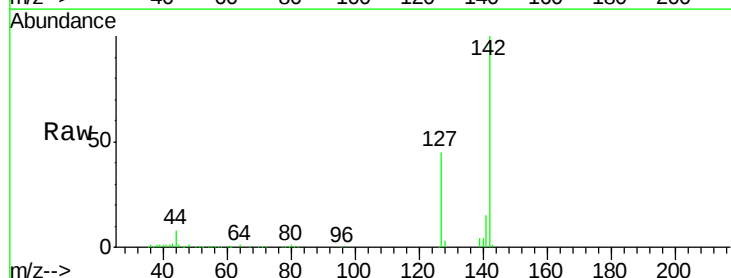
Tgt Ion:142 Resp: 47126

Ion Ratio Lower Upper

142 100

127 46.5 36.6 55.0

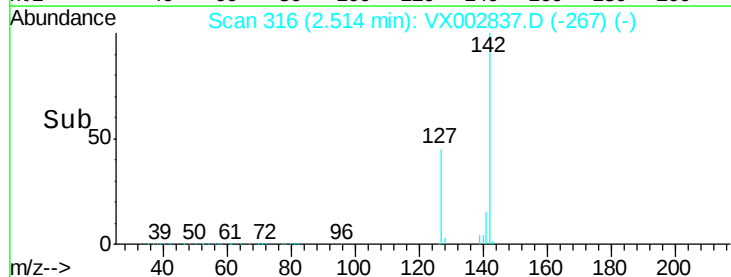
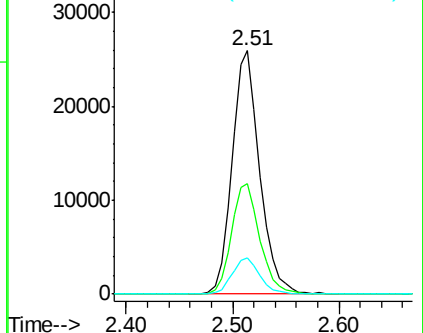
141 15.0 11.3 16.9

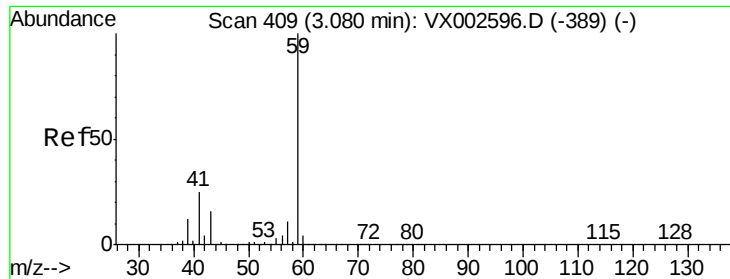


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

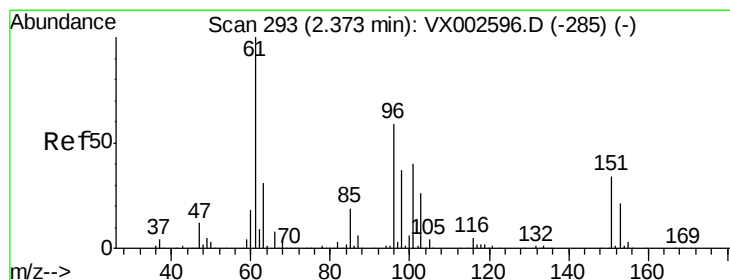
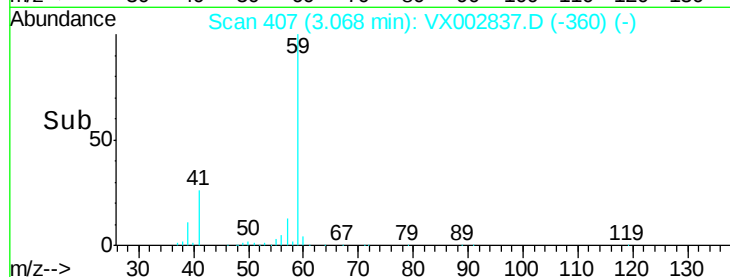
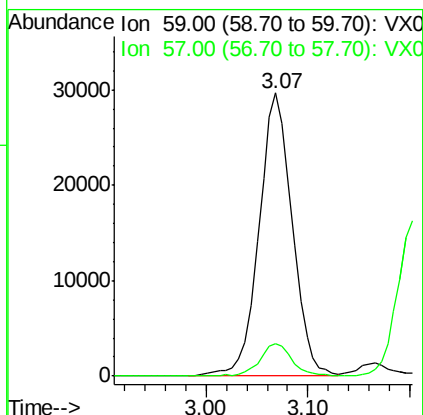
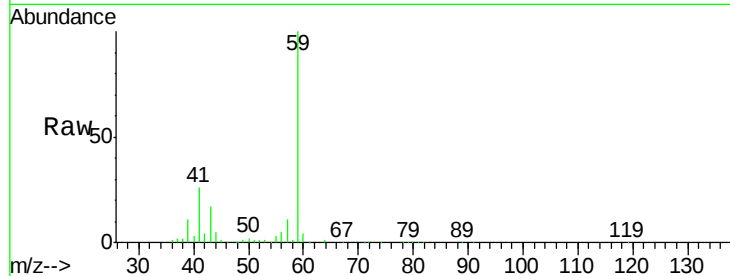




#11
Tert butyl alcohol
Concen: 85.94 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

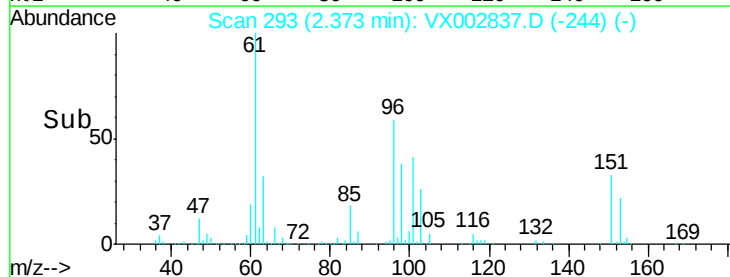
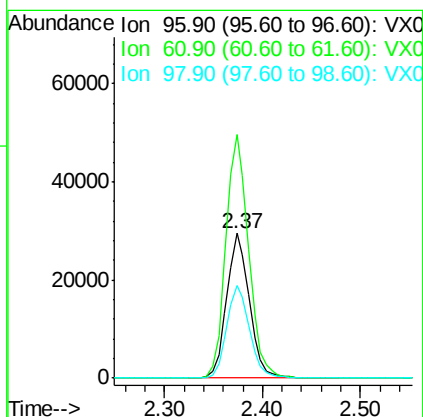
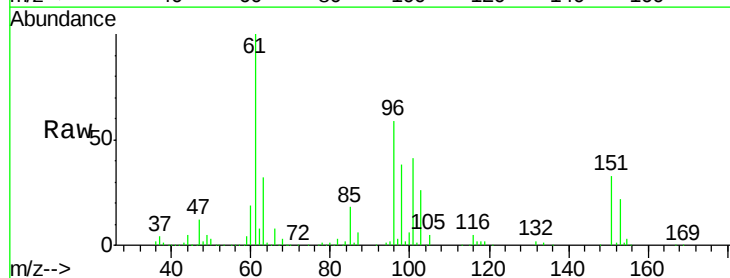
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

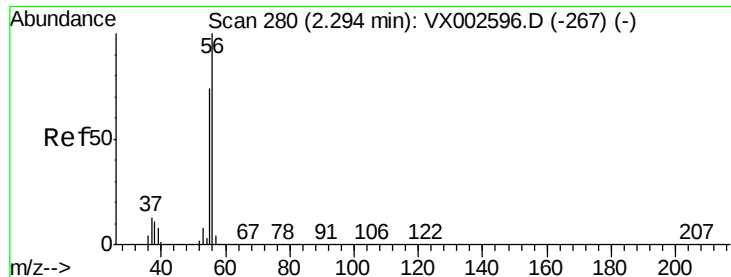
Tot Ion: 59 Resp: 67262
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.09 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion: 96 Resp: 47569
Ion Ratio Lower Upper
96 100
61 168.4 137.9 206.9
98 63.6 51.6 77.4





#13

Acrolein

Concen: 61.61 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

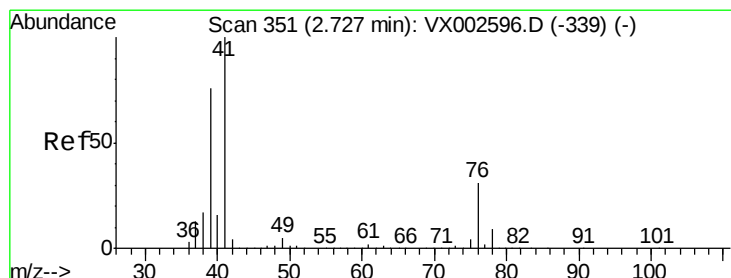
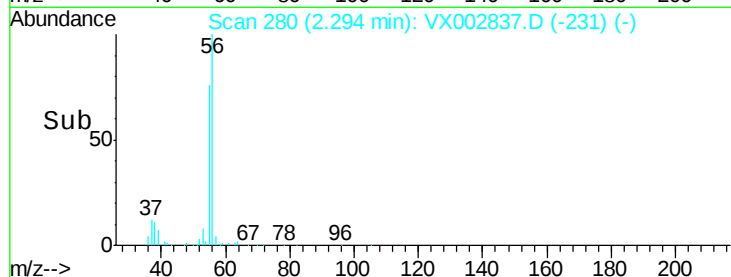
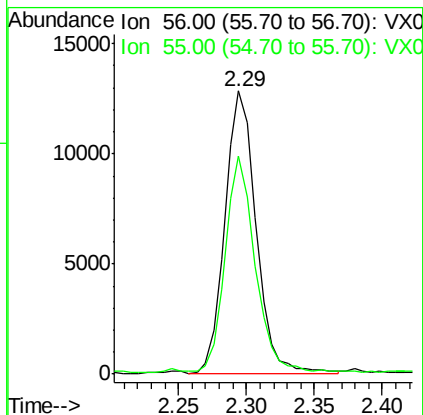
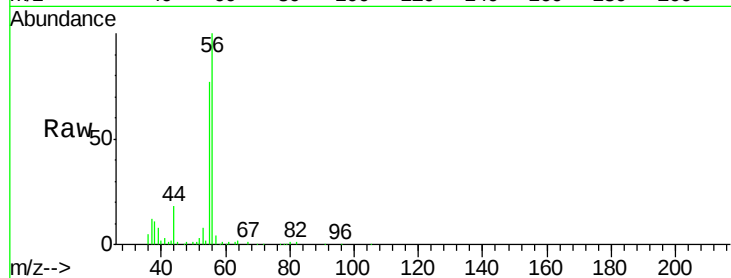
VX0622WBS02

Tot Ion: 56 Resp: 20655

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4



#14

Allyl chloride

Concen: 17.10 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

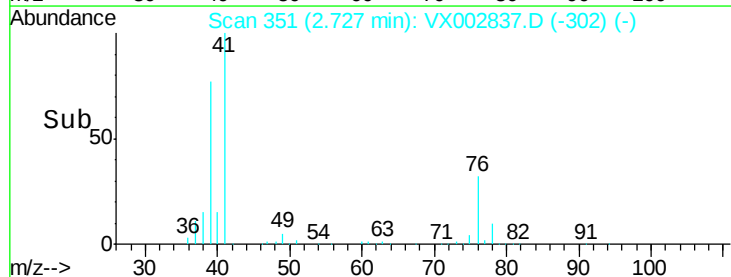
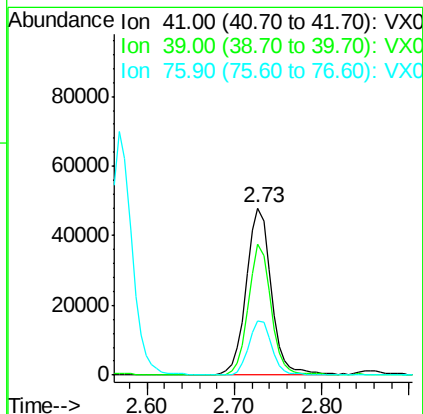
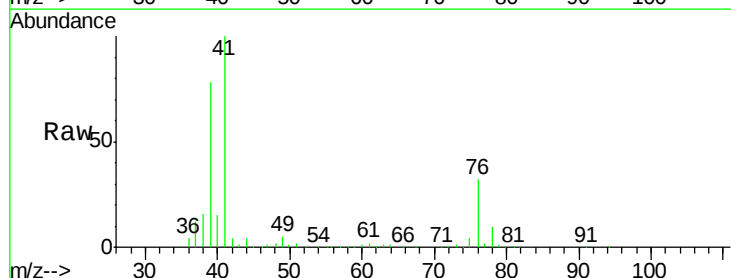
Tgt Ion: 41 Resp: 94535

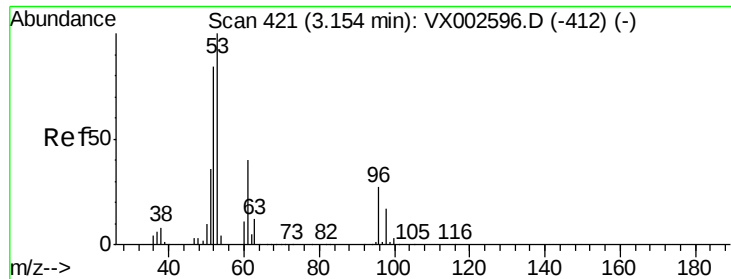
Ion Ratio Lower Upper

41 100

39 70.4 56.8 85.2

76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 86.57 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

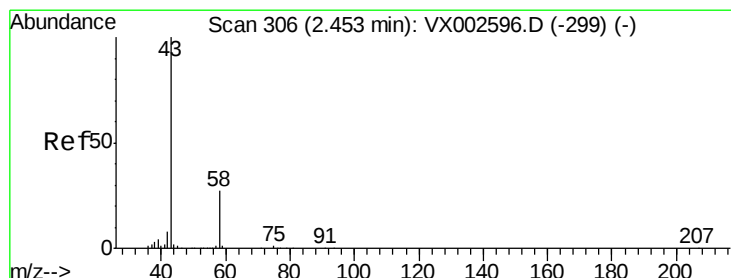
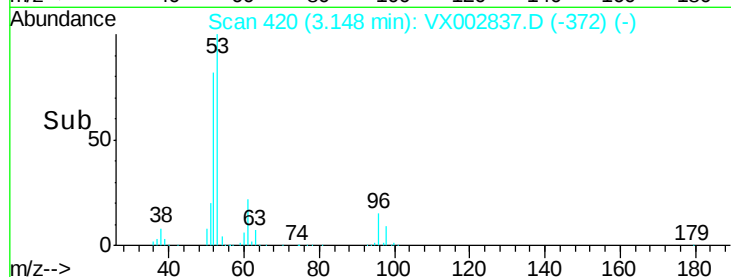
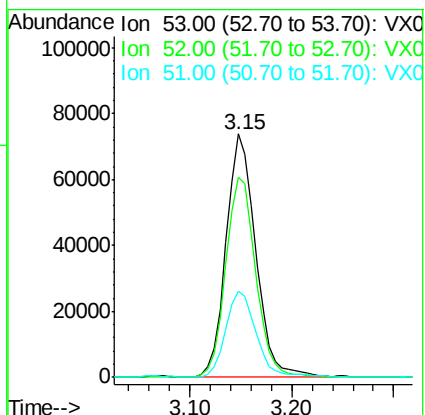
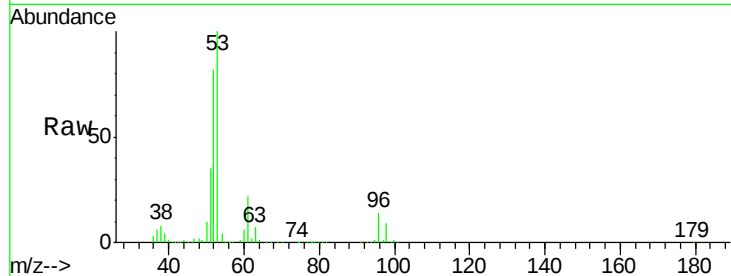
Tot Ion: 53 Resp: 147840

Ion Ratio Lower Upper

53 100

52 83.5 66.7 100.1

51 36.4 29.9 44.9



#16

Acetone

Concen: 84.35 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002837.D

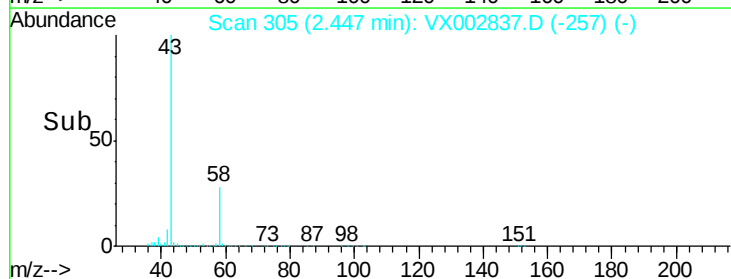
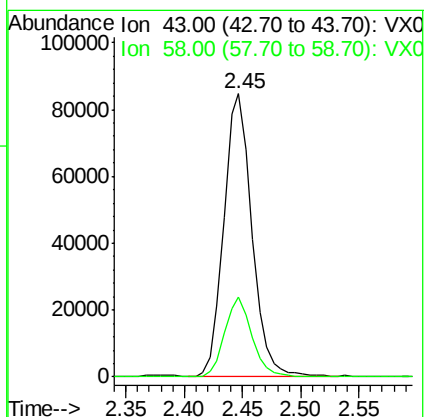
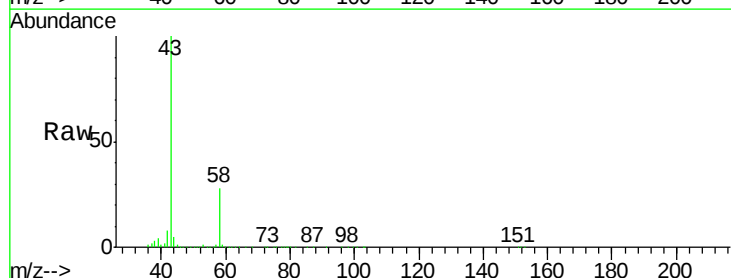
Acq: 22 Jun 2018 17:53

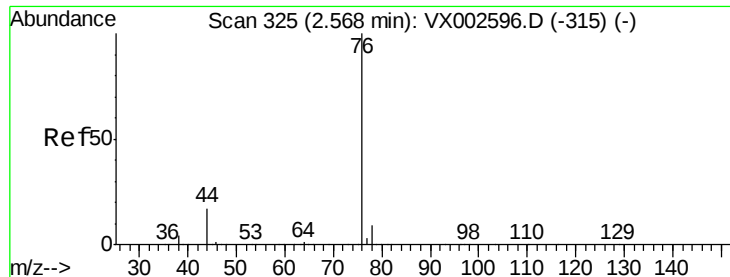
Tgt Ion: 43 Resp: 140881

Ion Ratio Lower Upper

43 100

58 28.1 22.1 33.1

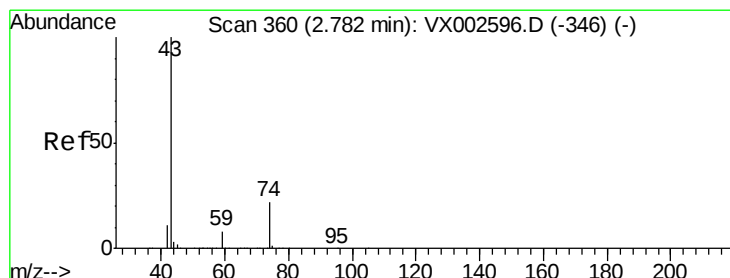
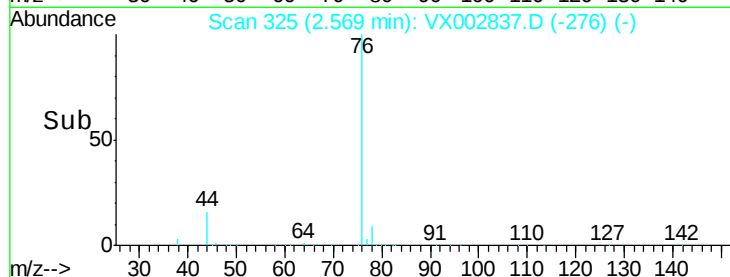
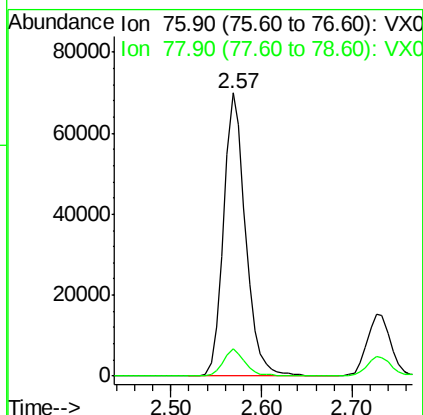
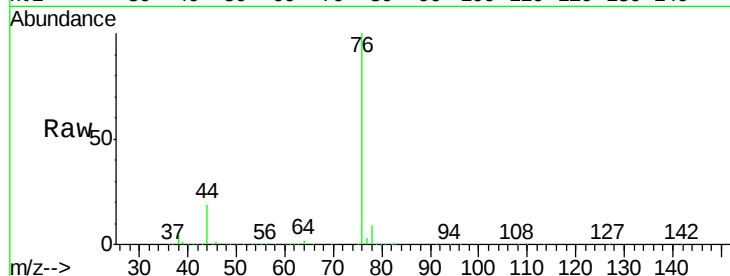




#17
Carbon Disulfide
Concen: 17.85 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

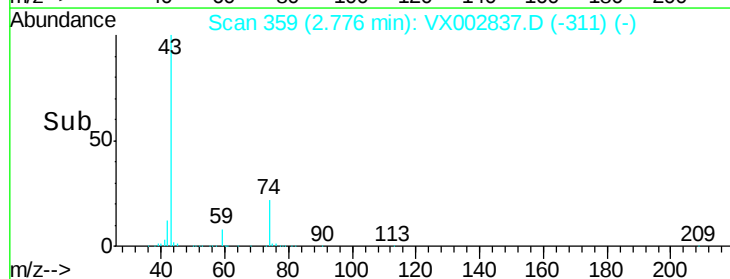
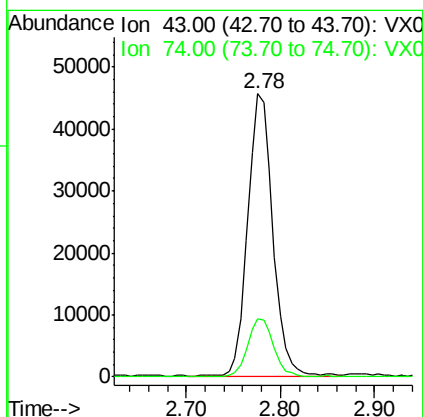
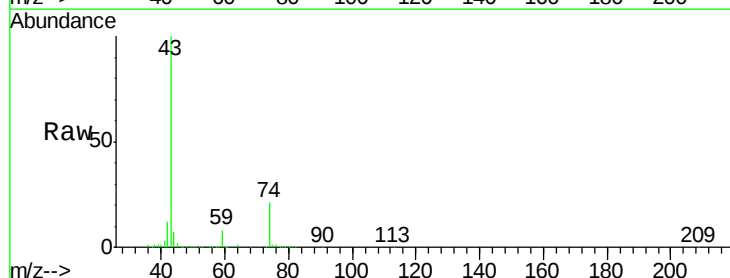
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

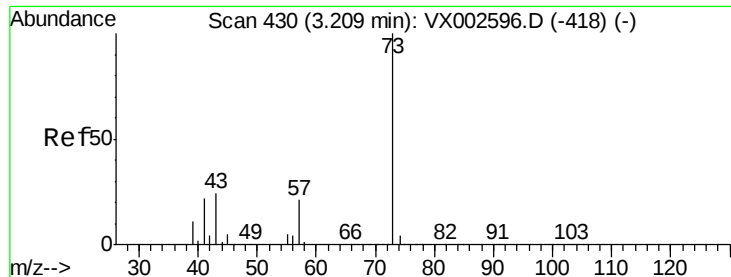
Tot Ion: 76 Resp: 117875
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 19.19 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion: 43 Resp: 85377
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 16.75 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

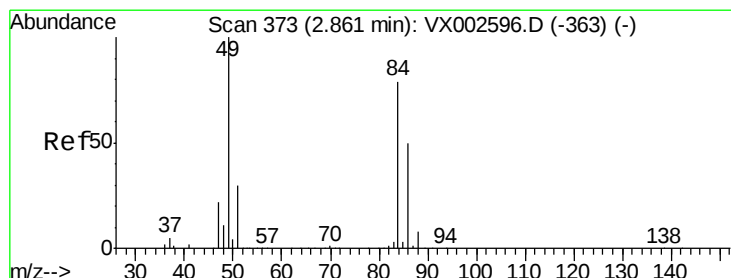
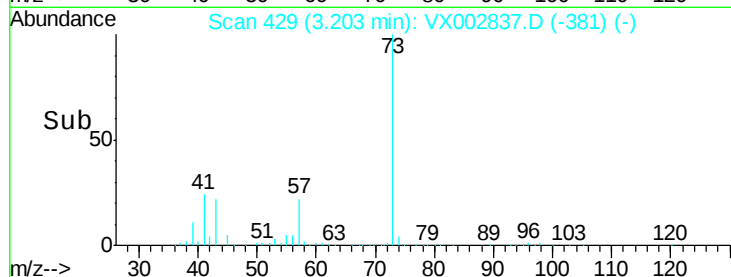
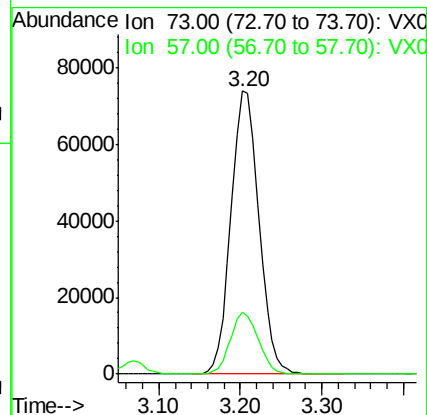
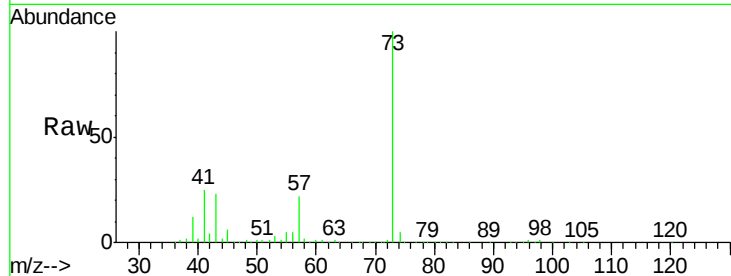
VX0622WBS02

Tot Ion: 73 Resp: 174903

Ion Ratio Lower Upper

73 100

57 22.0 17.7 26.5



#20

Methylene Chloride

Concen: 15.98 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion: 84 Resp: 54710

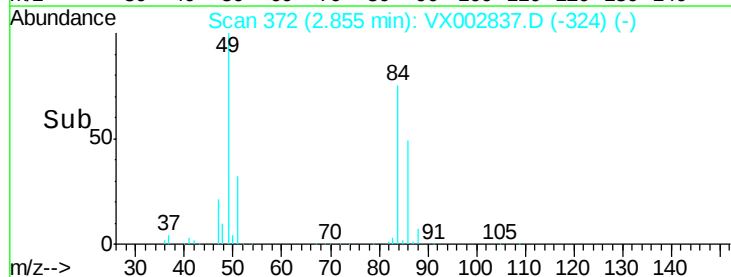
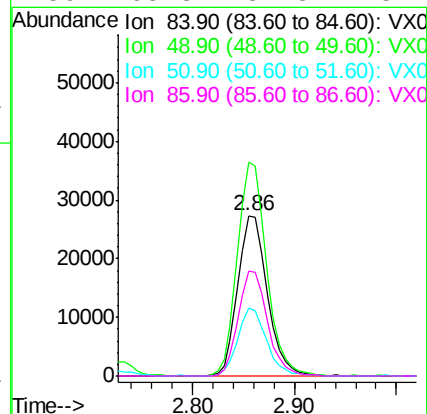
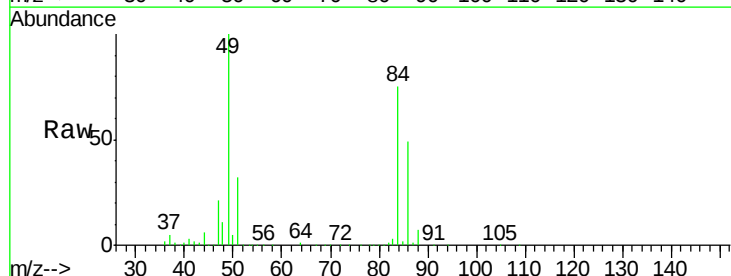
Ion Ratio Lower Upper

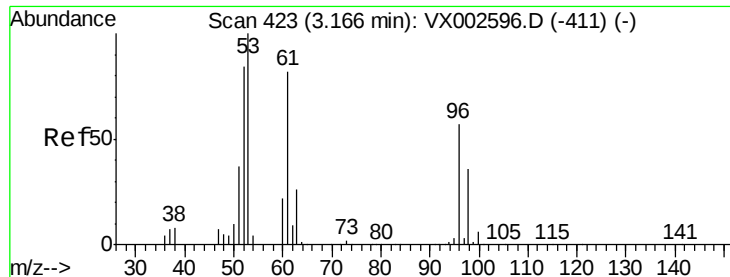
84 100

49 133.2 107.8 161.6

51 41.8 32.8 49.2

86 65.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 16.83 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

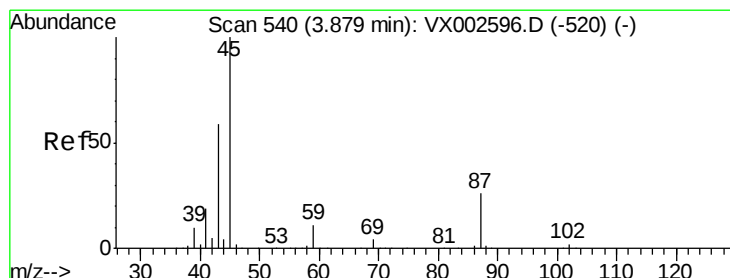
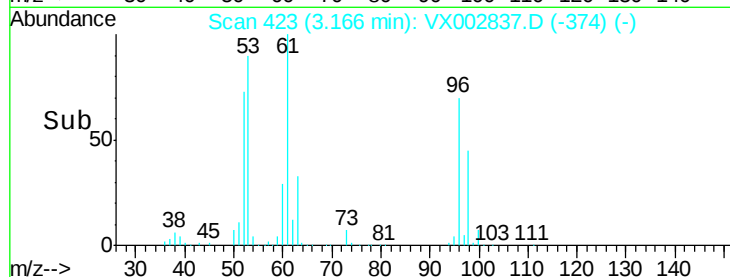
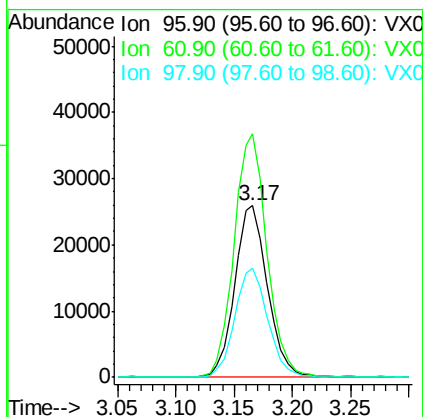
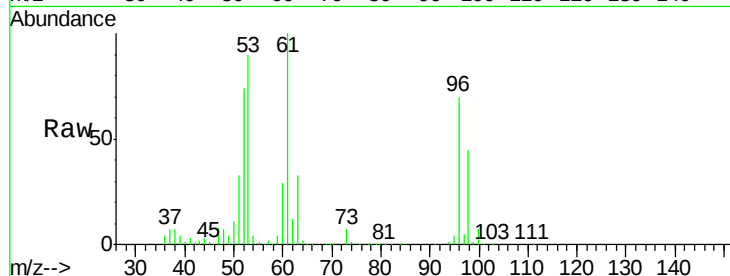
Tot Ion: 96 Resp: 50811

Ion Ratio Lower Upper

96 100

61 142.1 117.0 175.4

98 63.5 52.4 78.6



#22

Diisopropyl ether

Concen: 18.58 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion: 45 Resp: 185794

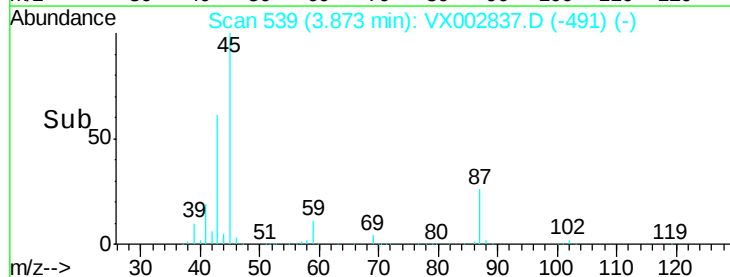
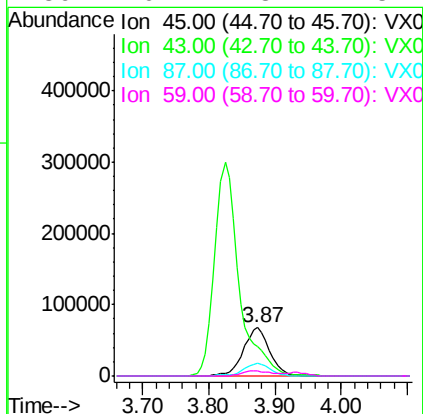
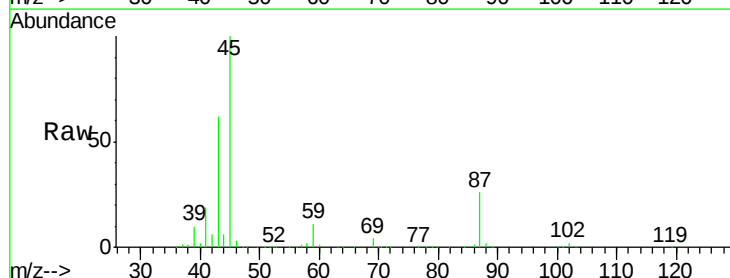
Ion Ratio Lower Upper

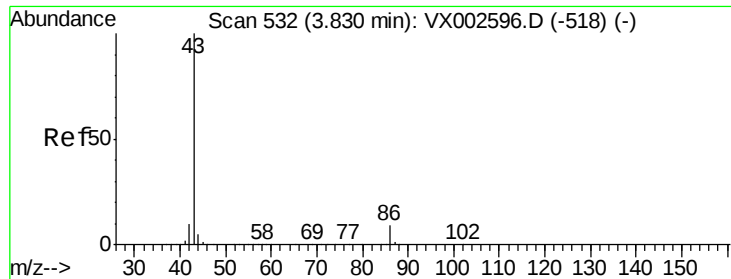
45 100

43 61.3 46.8 70.2

87 26.1 20.2 30.4

59 10.7 8.7 13.1





#23

Vinyl Acetate

Concen: 93.08 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

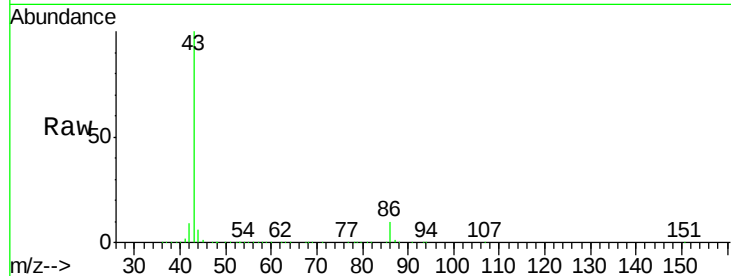
VX0622WBS02

Tot Ion: 43 Resp: 779005

Ion Ratio Lower Upper

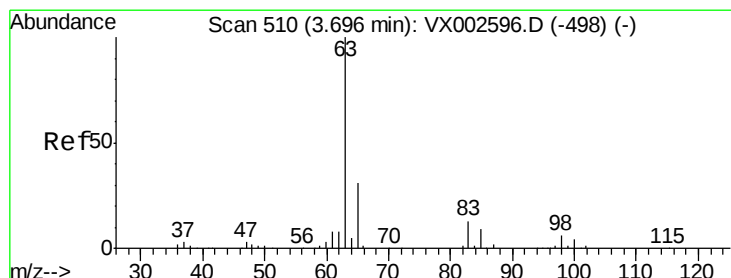
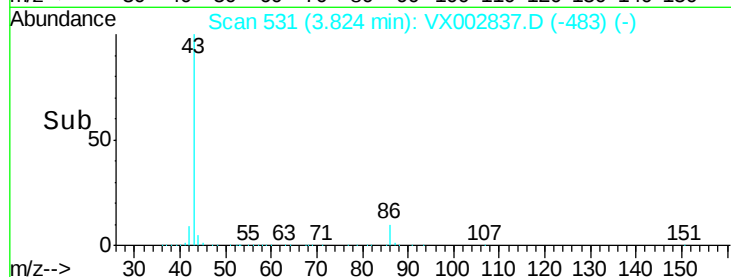
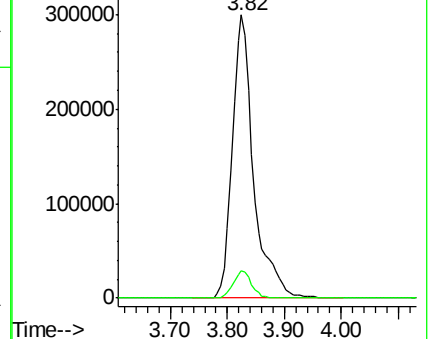
43 100

86 9.5 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: 18.65 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

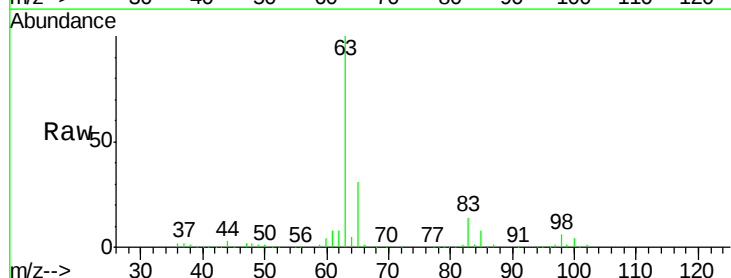
Tgt Ion: 63 Resp: 101212

Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

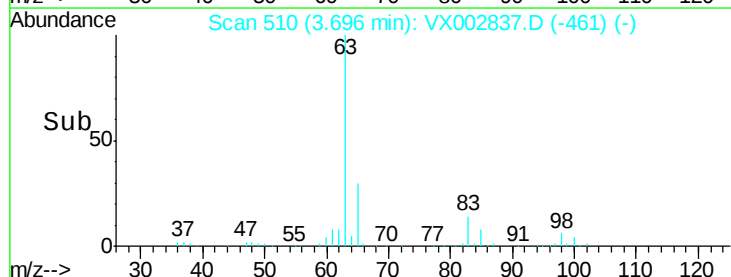
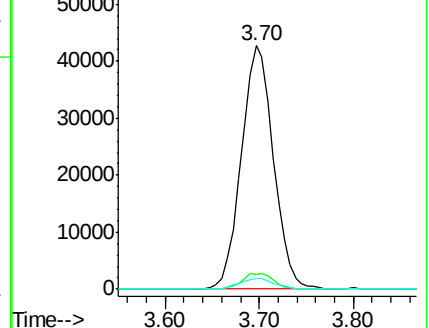
100 4.1 2.0 6.0

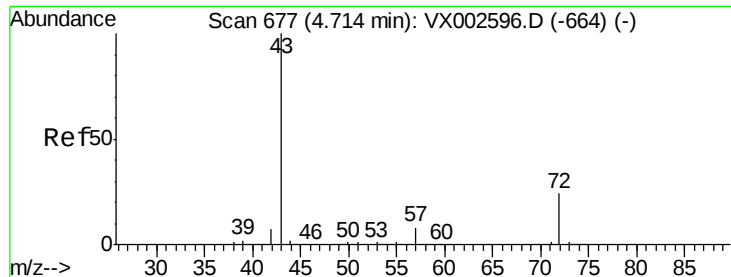


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.30 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

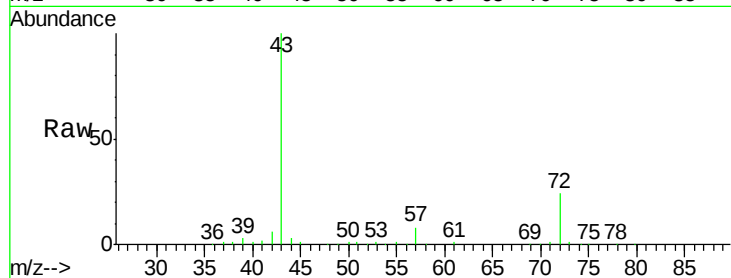
VX0622WBS02

Tot Ion: 43 Resp: 209038

Ion Ratio Lower Upper

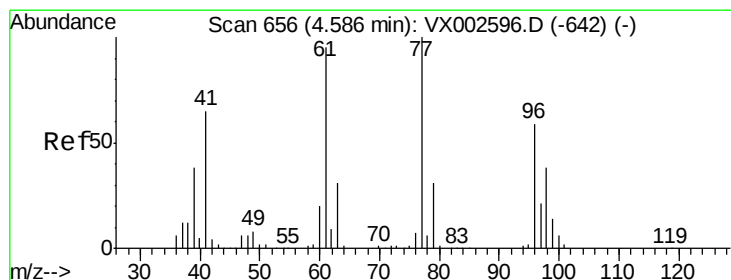
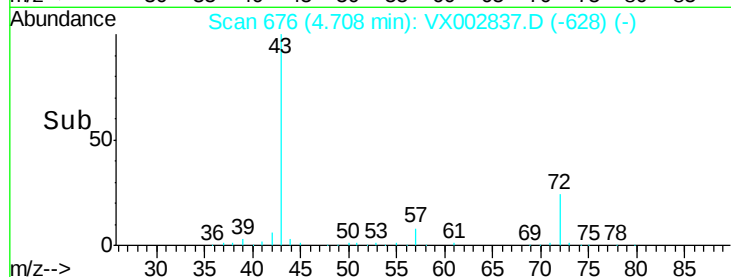
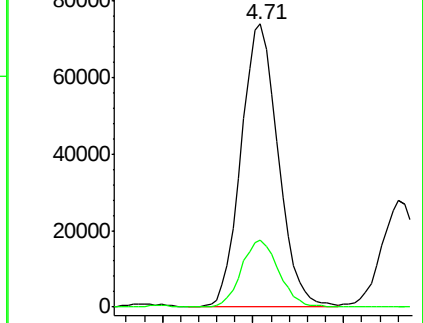
43 100

72 23.7 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: 19.65 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002837.D

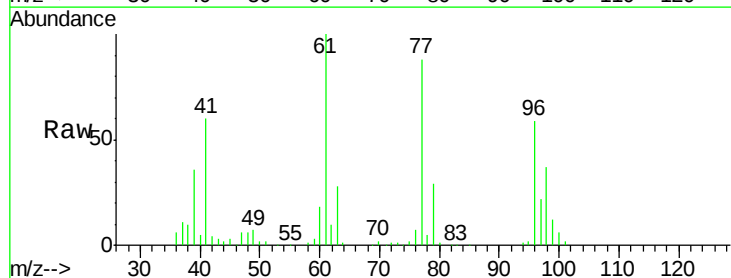
Acq: 22 Jun 2018 17:53

Tgt Ion: 77 Resp: 76645

Ion Ratio Lower Upper

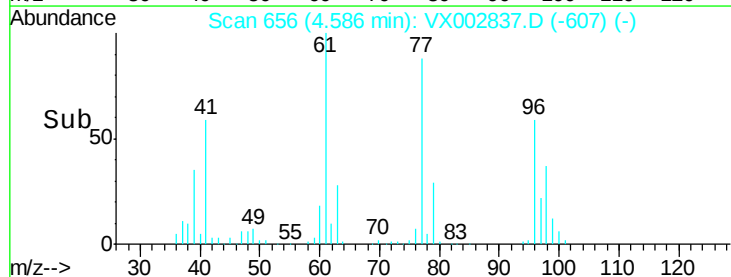
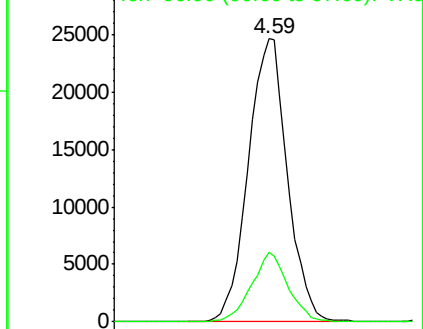
77 100

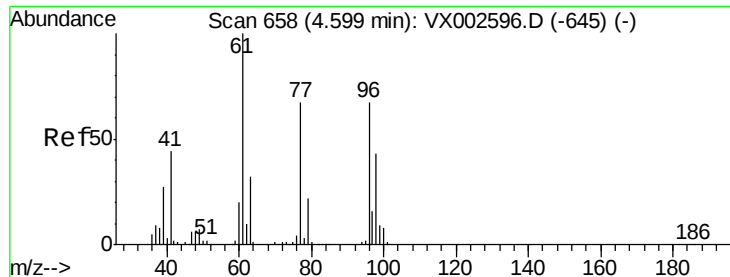
97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



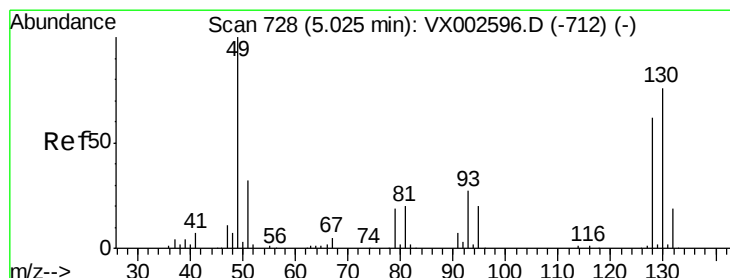
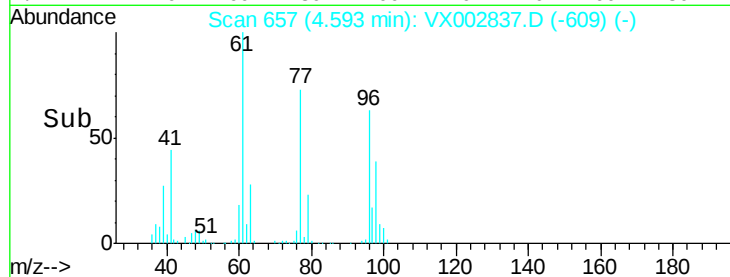
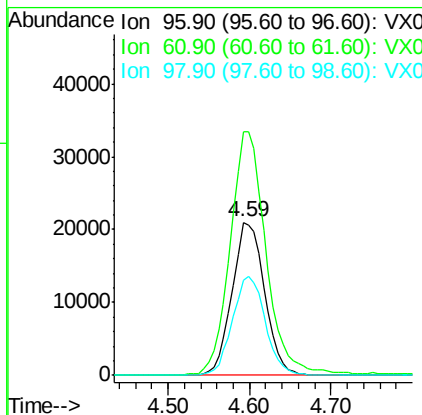
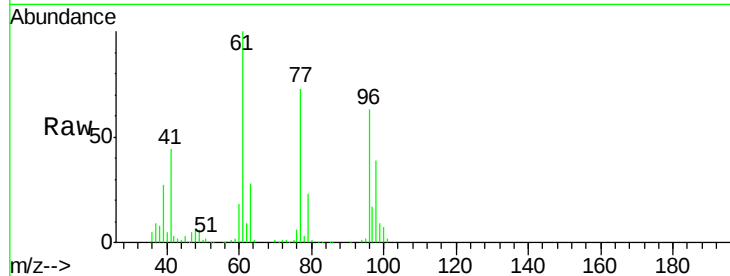


#27

cis-1,2-Dichloroethene
 Concen: 18.88 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Instrument :
 MSVOA_X
 ClientSampled :
 VX0622WBS02

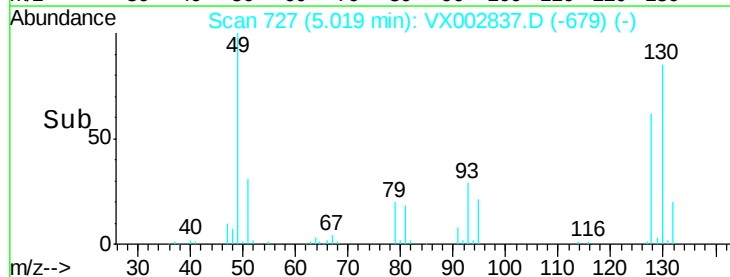
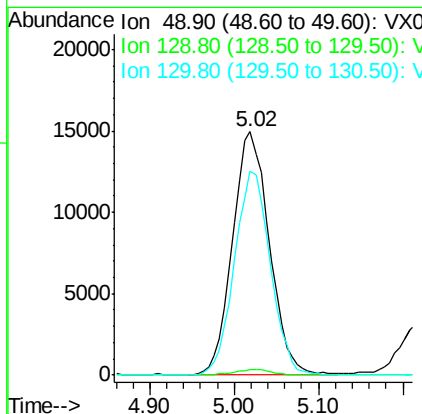
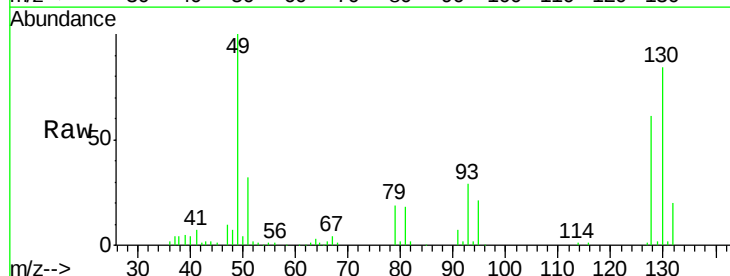
Tot Ion: 96 Resp: 58022
 Ion Ratio Lower Upper
 96 100
 61 176.7 0.0 330.2
 98 65.3 0.0 130.2

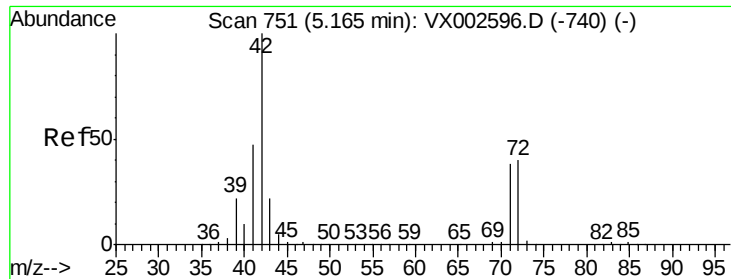


#28

Bromochloromethane
 Concen: 17.44 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion: 49 Resp: 44329
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 81.4 61.2 91.8

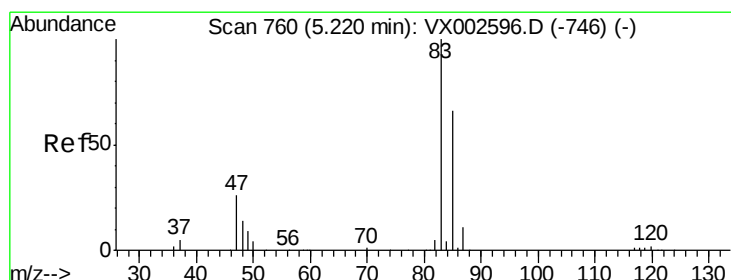
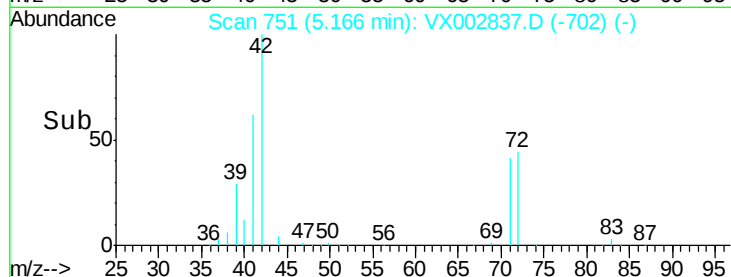
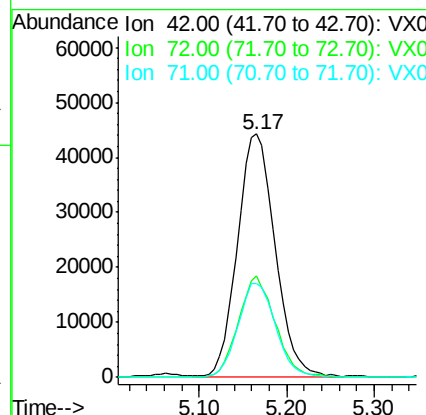
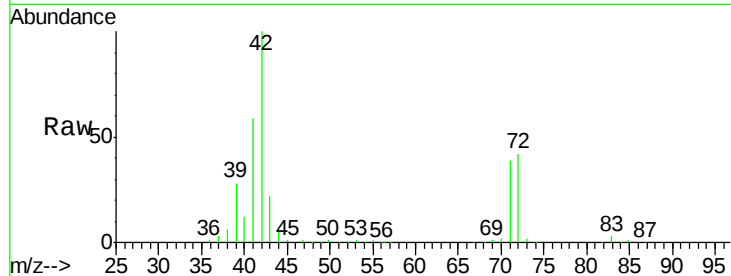




#29
Tetrahydrofuran
Concen: 91.79 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

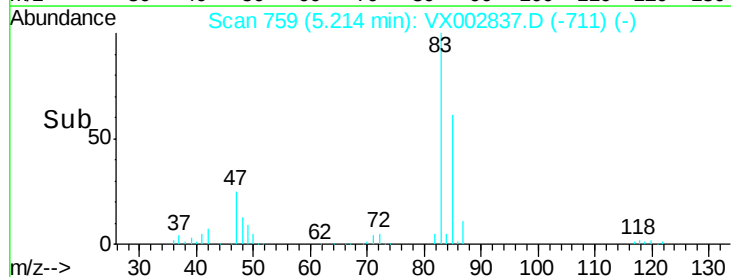
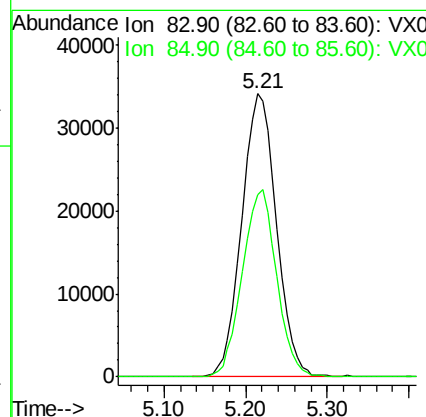
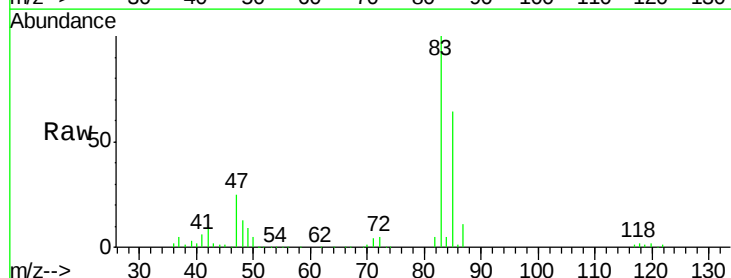
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

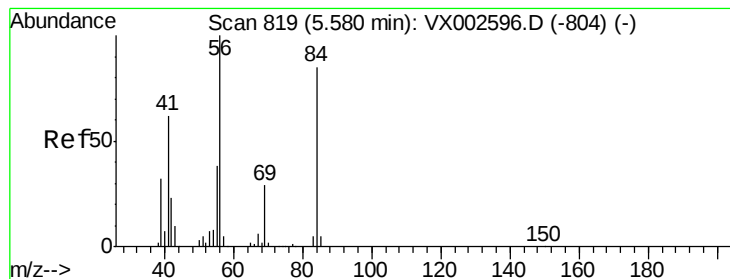
Tot Ion: 42 Resp: 131957
Ion Ratio Lower Upper
42 100
72 41.0 32.0 48.0
71 39.0 30.1 45.1



#30
Chloroform
Concen: 19.25 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion: 83 Resp: 100760
Ion Ratio Lower Upper
83 100
85 64.2 50.4 75.6





#31

Cyclohexane

Concen: 18.54 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

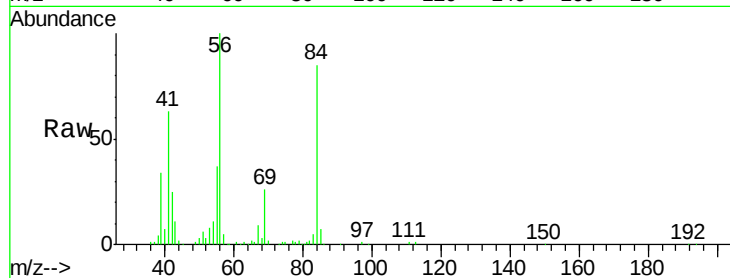
Tot Ion: 56 Resp: 82865

Ion Ratio Lower Upper

56 100

69 26.4 23.7 35.5

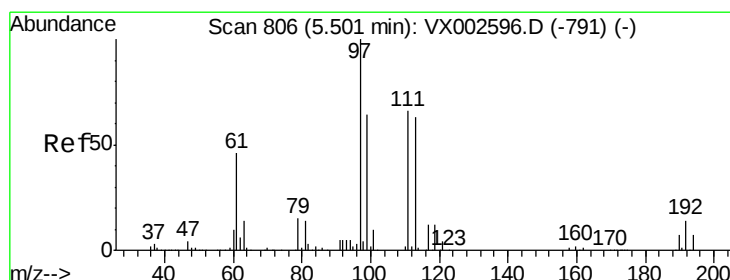
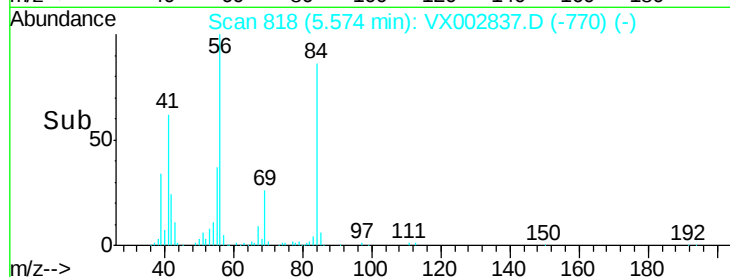
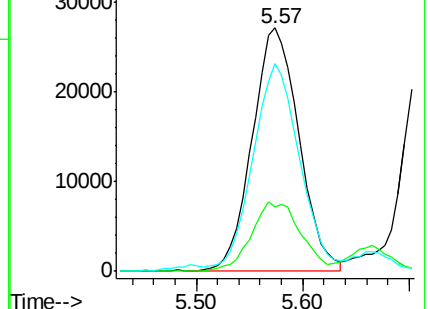
84 83.0 64.1 96.1



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: 20.24 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

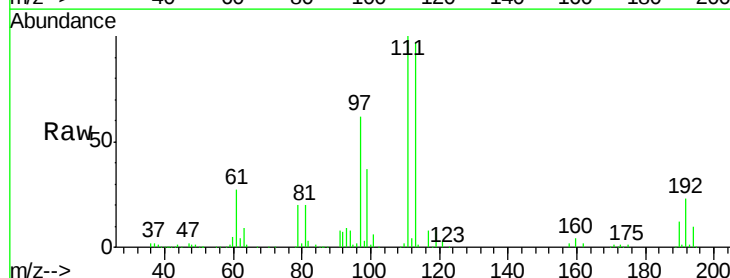
Tgt Ion: 97 Resp: 88587

Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

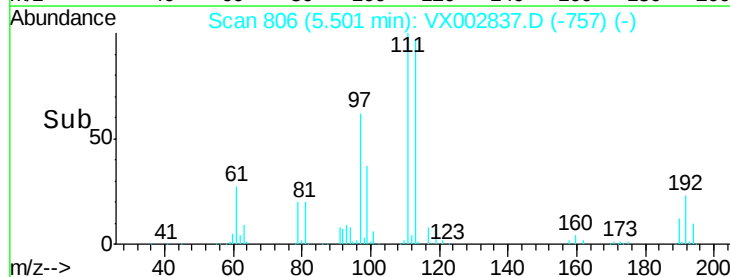
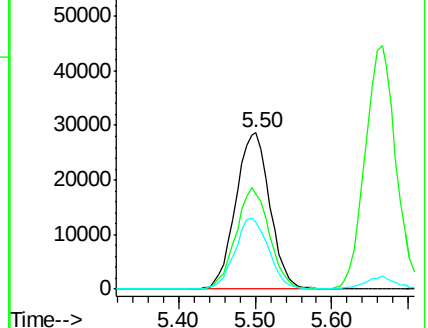
61 44.8 36.4 54.6

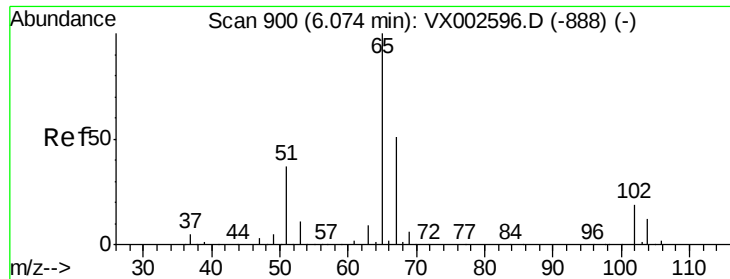


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

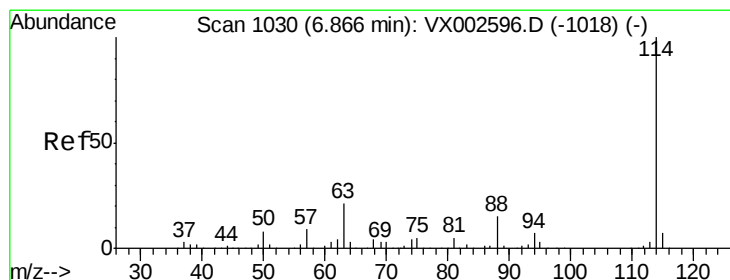
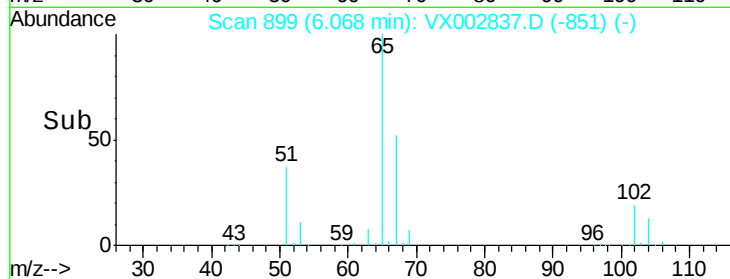
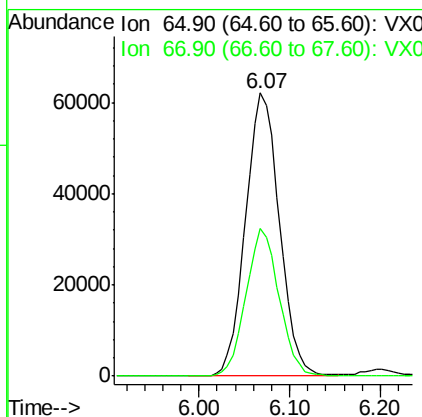
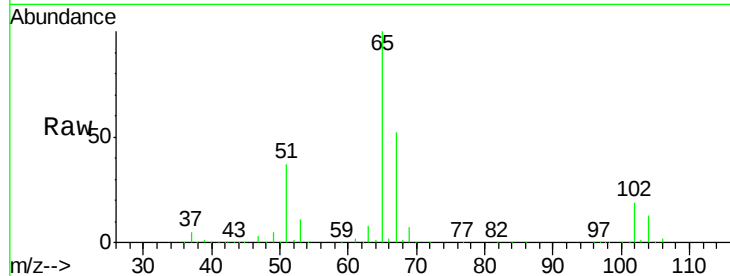




#33
 1,2-Dichloroethane-d4
 Concen: 42.47 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

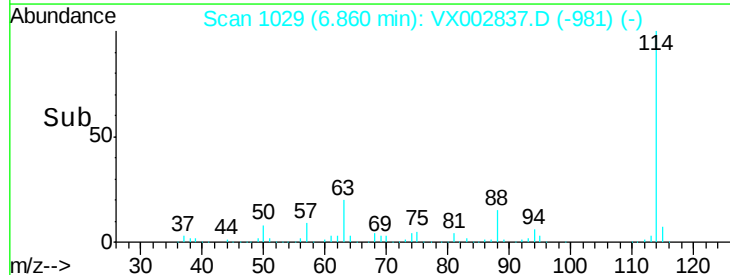
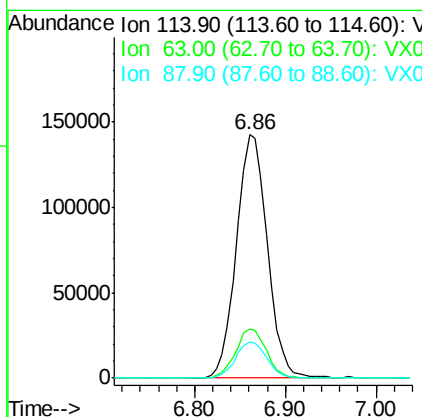
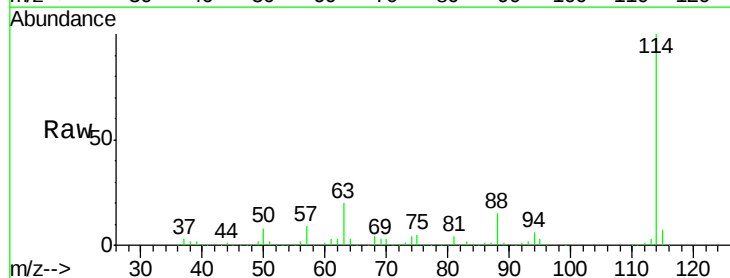
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

Tot Ion: 65 Resp: 160781
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion: 114 Resp: 337211
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.0 0.0 30.0

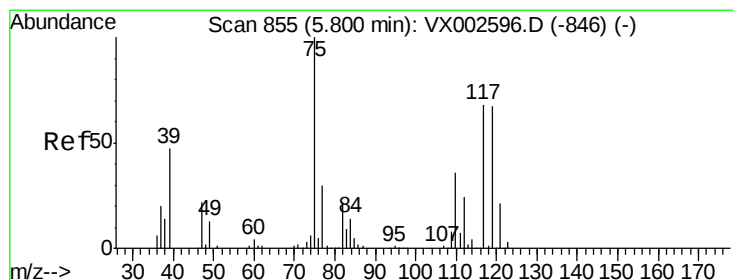
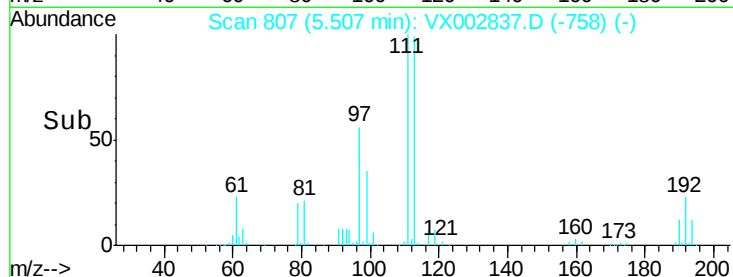
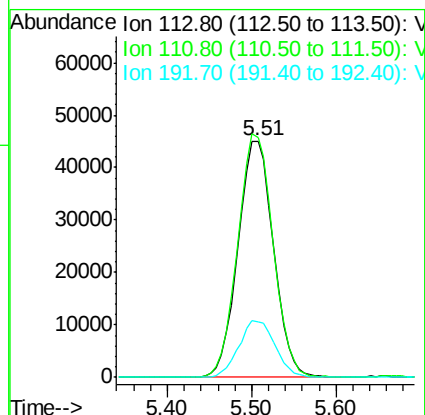
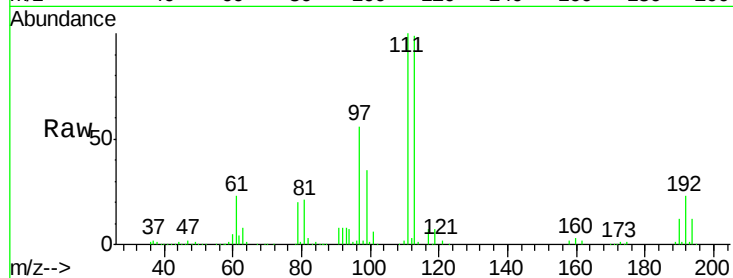




#35
 Dibromofluoromethane
 Concen: 47.75 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

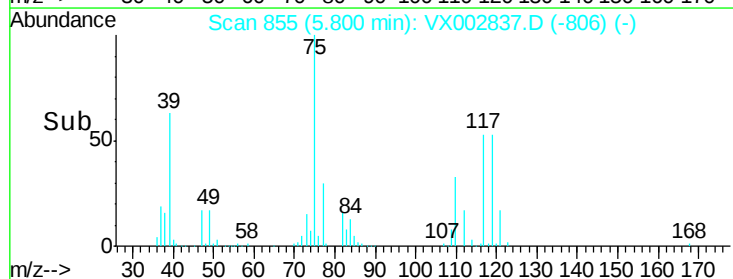
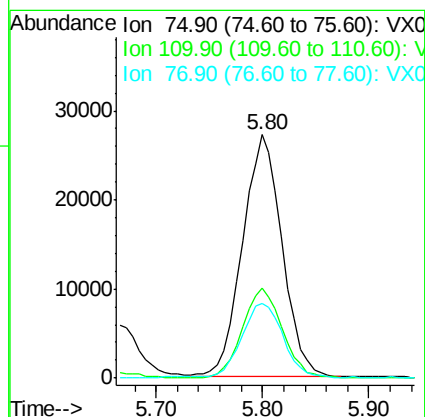
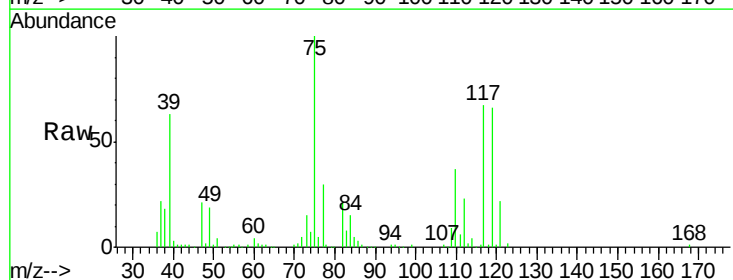
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

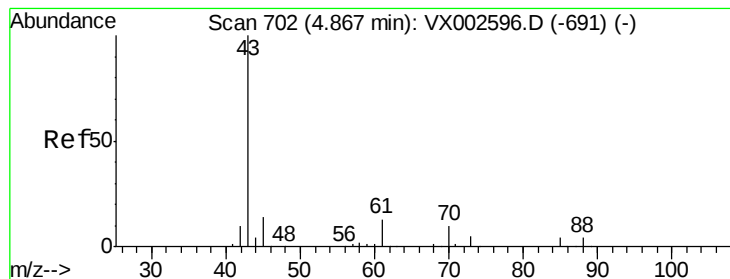
Tot Ion:113 Resp: 128508
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 24.4 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 19.81 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion: 75 Resp: 70960
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.1 54.4
 77 32.0 24.3 36.5





#37

Ethyl Acetate

Concen: 19.82 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

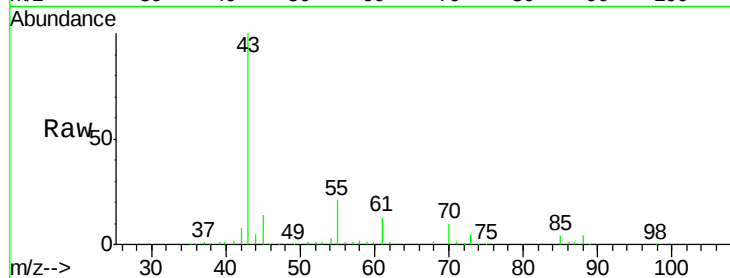
Tot Ion: 43 Resp: 80355

Ion Ratio Lower Upper

43 100

61 14.3 10.4 15.6

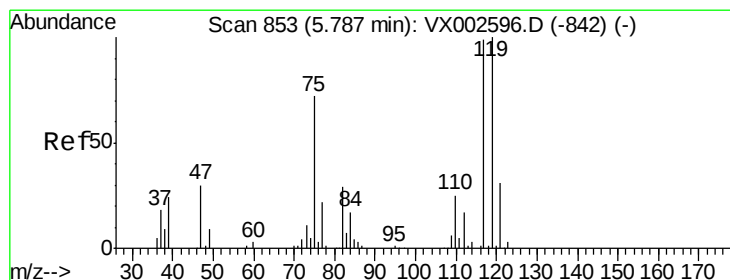
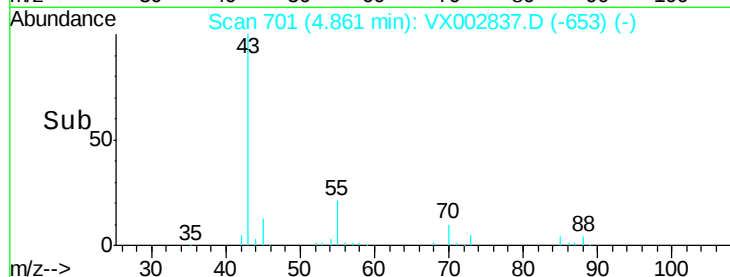
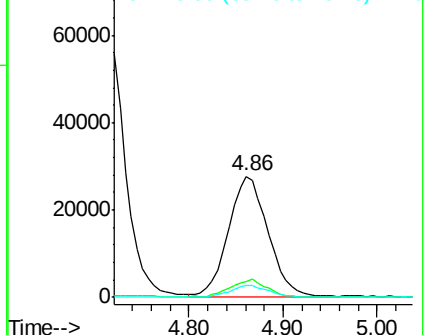
70 9.8 7.6 11.4



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: 22.02 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

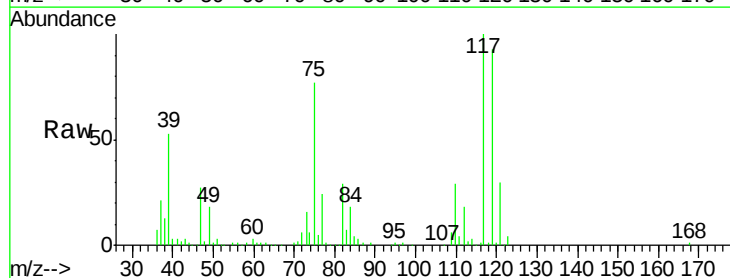
Tgt Ion: 117 Resp: 78531

Ion Ratio Lower Upper

117 100

119 93.4 77.4 116.0

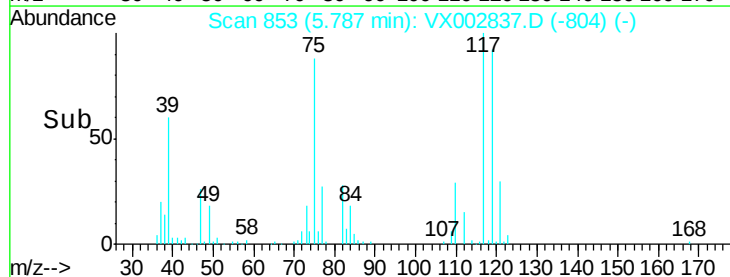
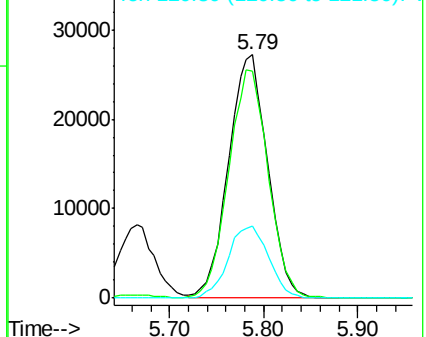
121 29.9 24.4 36.6

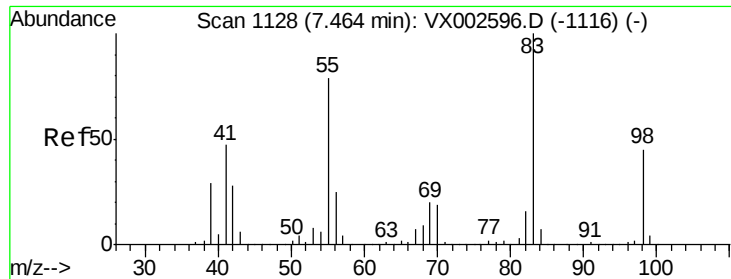


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

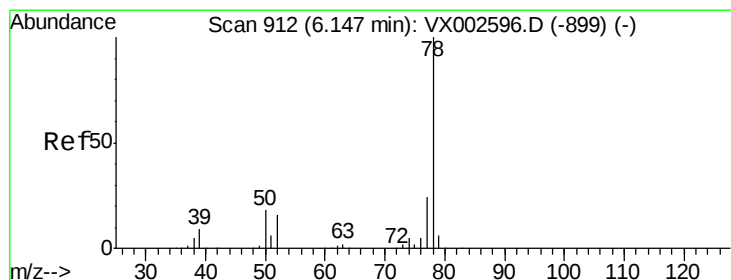
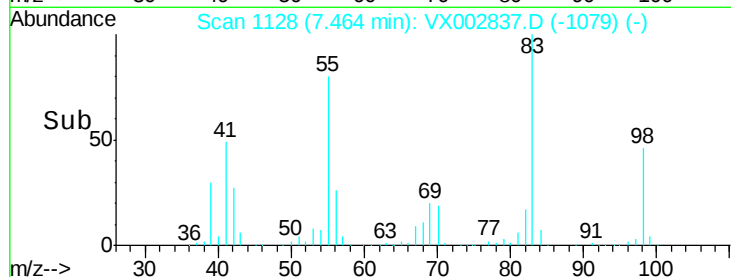
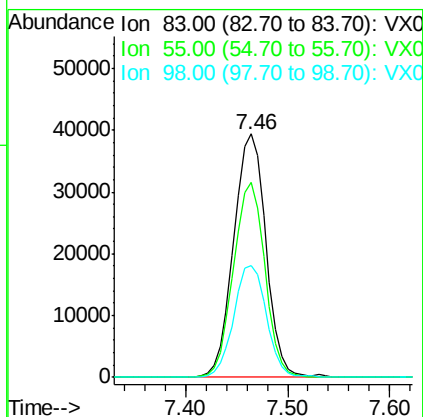
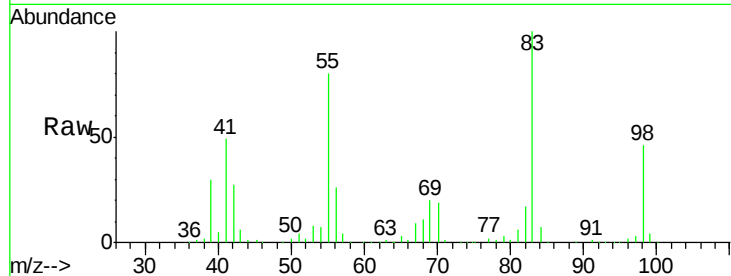




#39
Methvlcvclohexane
Concen: 20.68 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

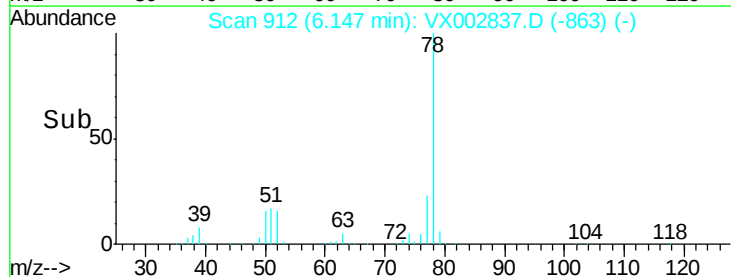
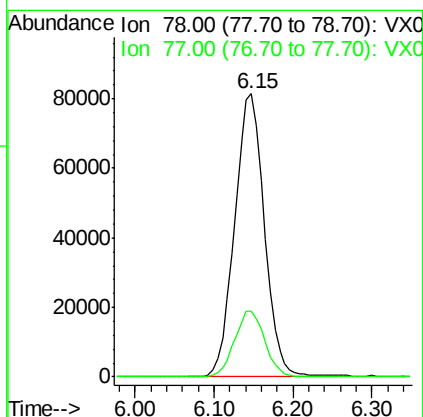
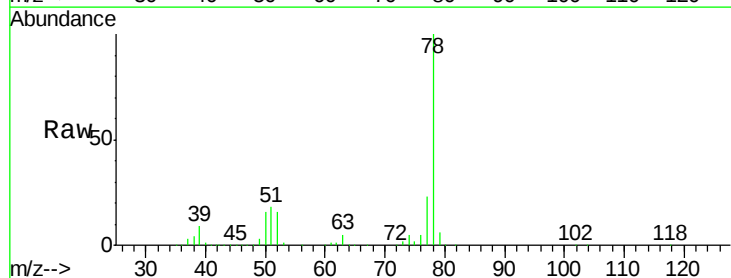
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

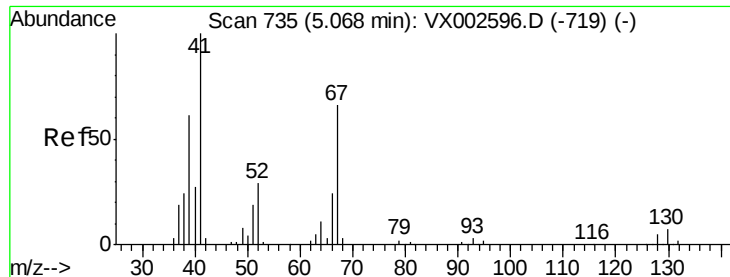
Tot Ion: 83 Resp: 86588
Ion Ratio Lower Upper
83 100
55 79.7 65.4 98.0
98 45.8 37.4 56.0



#40
Benzene
Concen: 19.95 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion: 78 Resp: 214288
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7

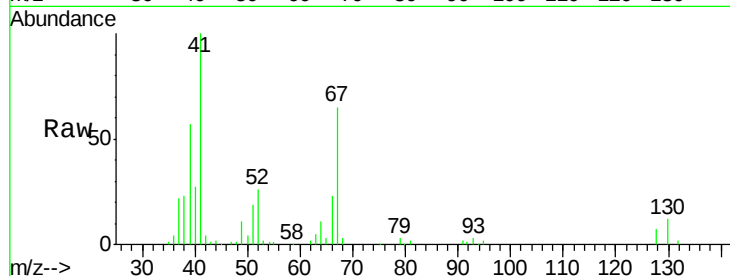




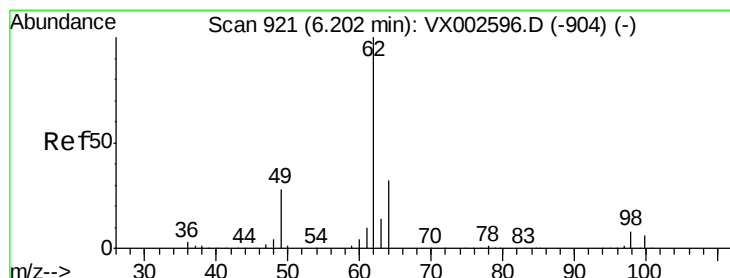
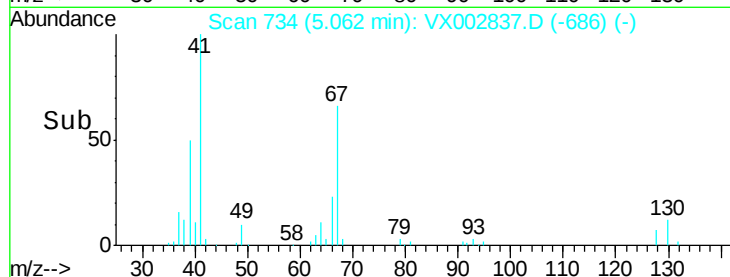
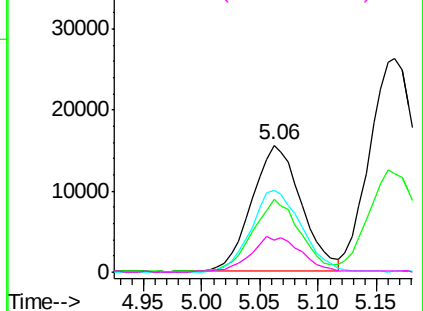
#41
Methacrylonitrile
Concen: 20.14 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion:	41	Resp:	46088
Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.8	68.6
67	66.6	51.3	76.9
52	29.9	23.0	34.6

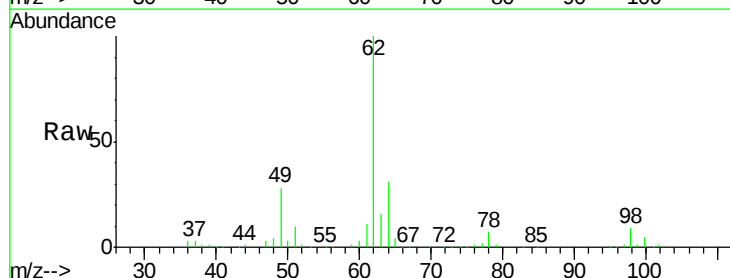


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

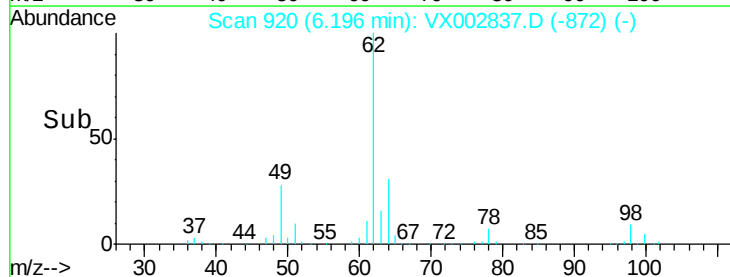
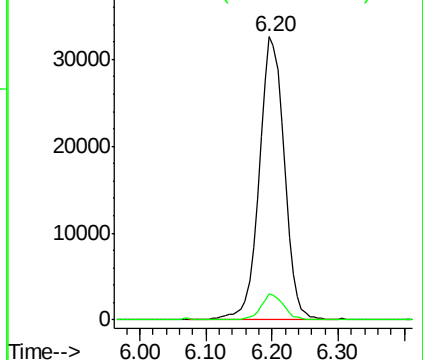


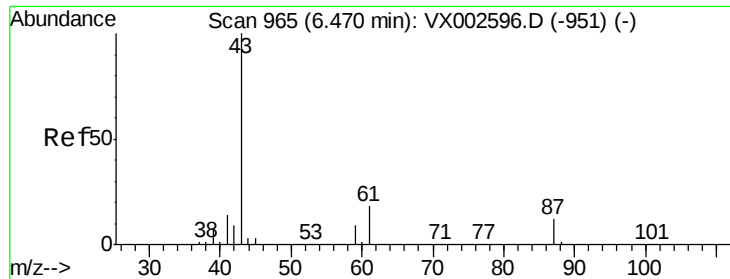
#42
1,2-Dichloroethane
Concen: 20.74 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion:	62	Resp:	86248
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



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



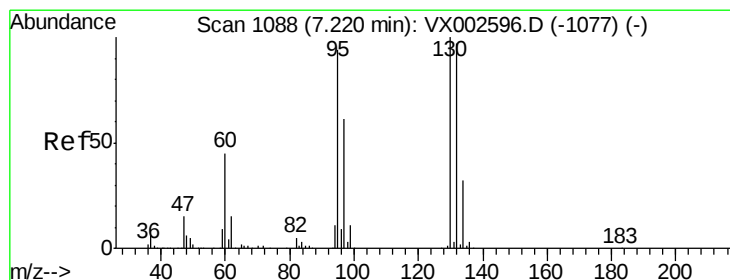
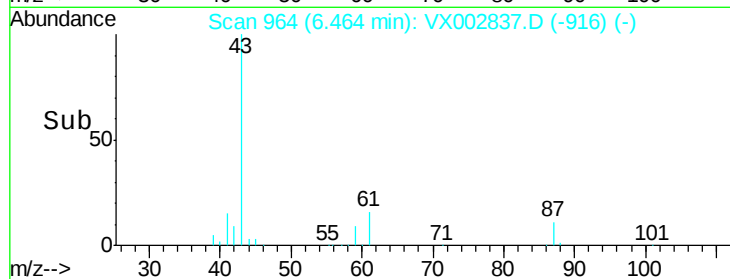
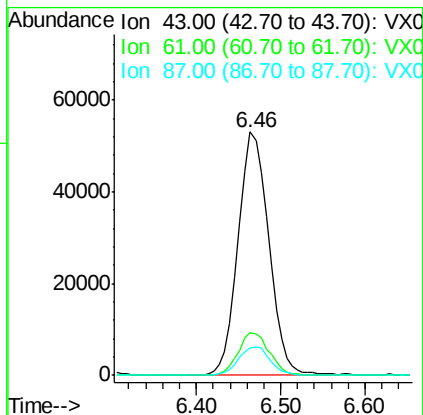
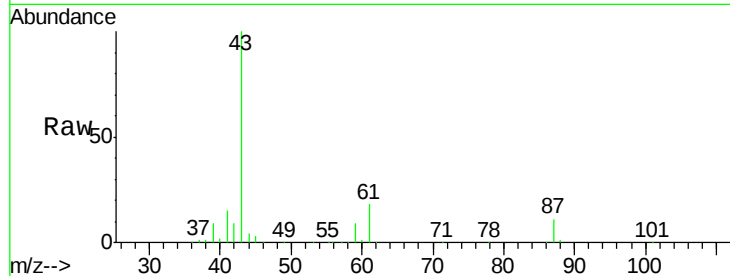


#43

Isopropyl Acetate
 Concen: 19.44 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Instrument :
 MSVOA_X
 ClientSampled :
 VX0622WBS02

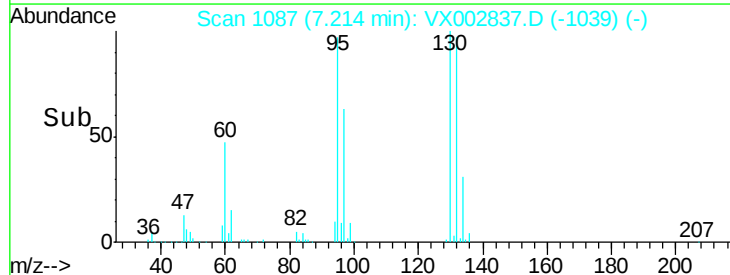
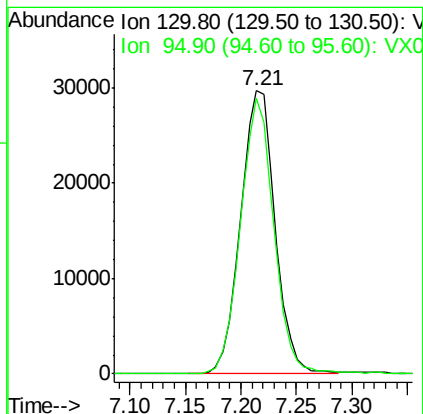
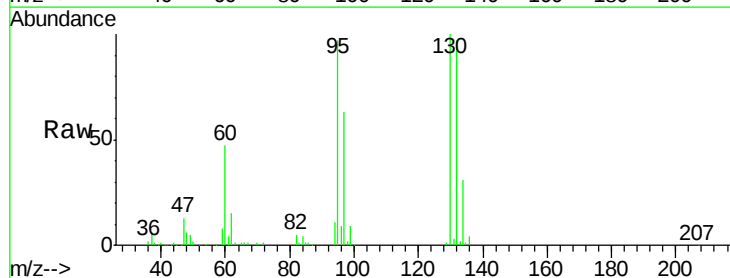
Tot Ion	43	Resp	130539
Ion Ratio	Lower	Upper	
43	100		
61	18.0	14.4	21.6
87	12.0	9.5	14.3

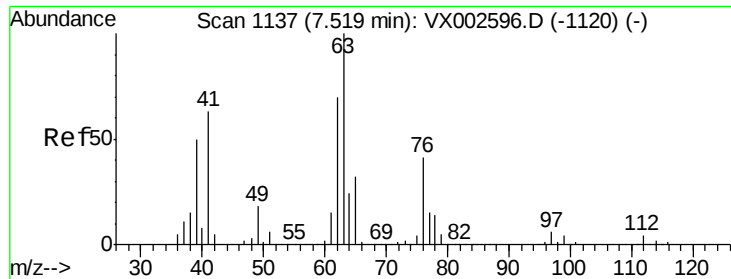


#44

Trichloroethene
 Concen: 20.67 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion	130	Resp	64064
Ion Ratio	Lower	Upper	
130	100		
95	97.5	0.0	185.4

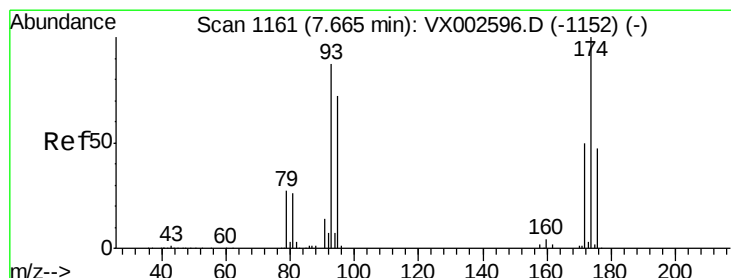
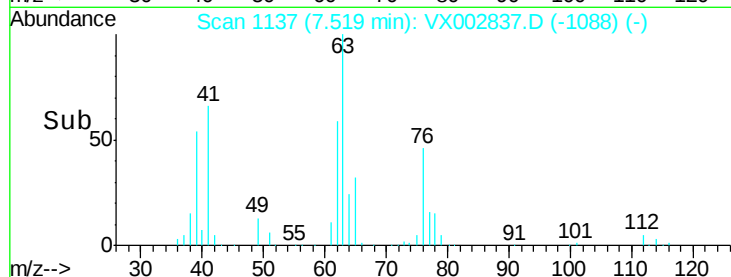
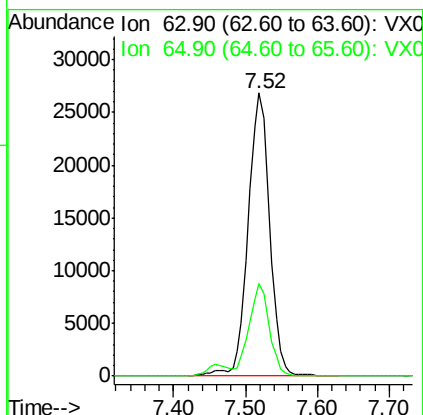
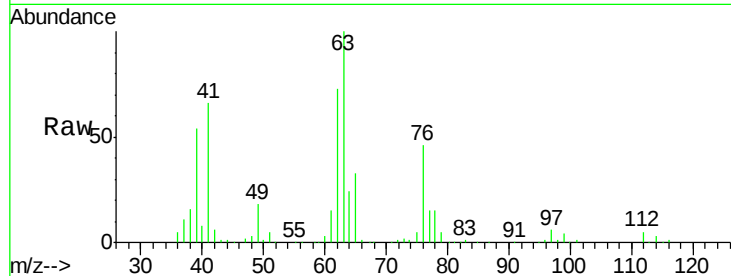




#45
 1,2-Dichloropropane
 Concen: 19.87 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

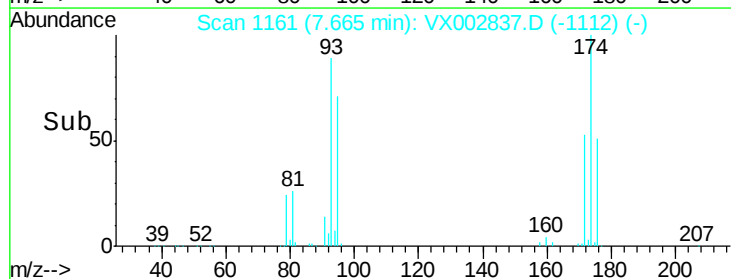
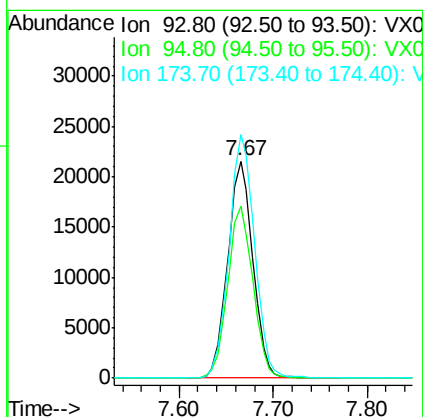
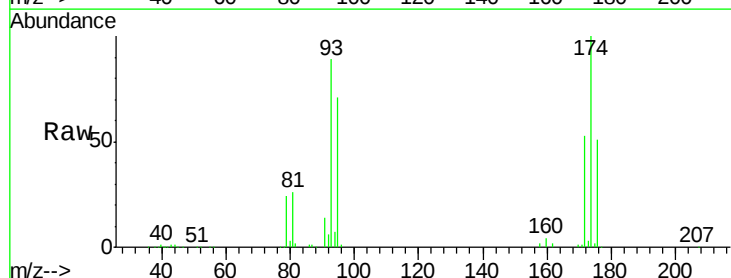
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

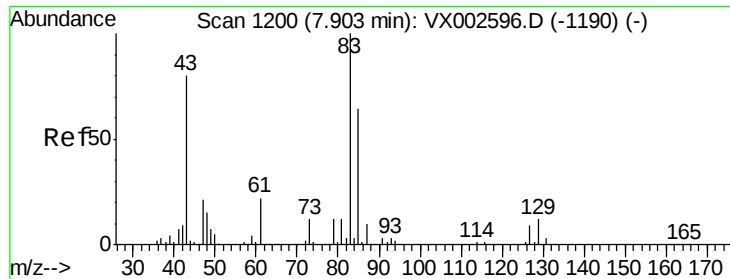
Tot Ion: 63 Resp: 56151
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.7 37.1



#46
 Dibromomethane
 Concen: 21.18 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion: 93 Resp: 40038
 Ion Ratio Lower Upper
 93 100
 95 79.8 65.9 98.9
 174 113.7 92.4 138.6





#47

Bromodichloromethane

Concen: 21.29 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

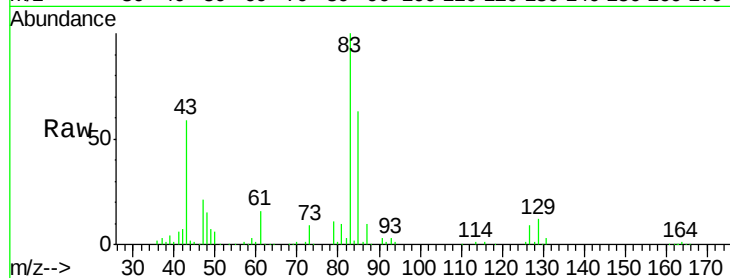
Tot Ion: 83 Resp: 70990

Ion Ratio Lower Upper

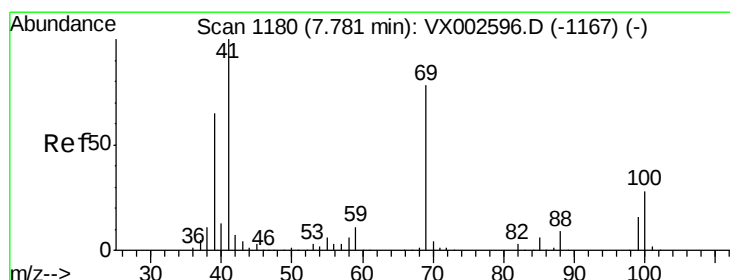
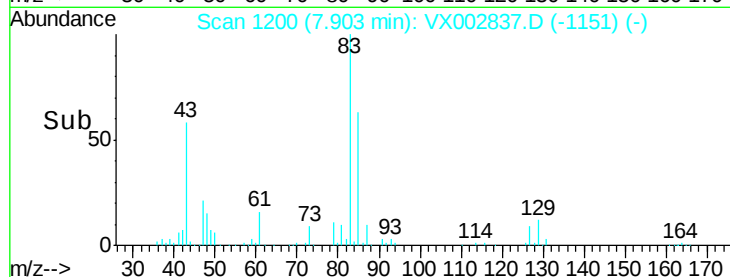
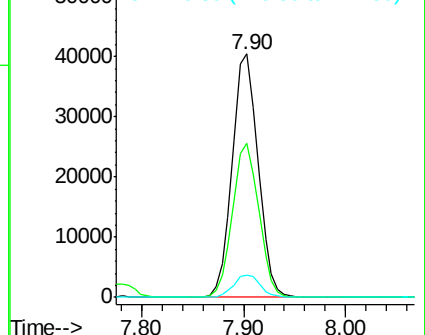
83 100

85 63.2 50.3 75.5

127 9.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.72 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

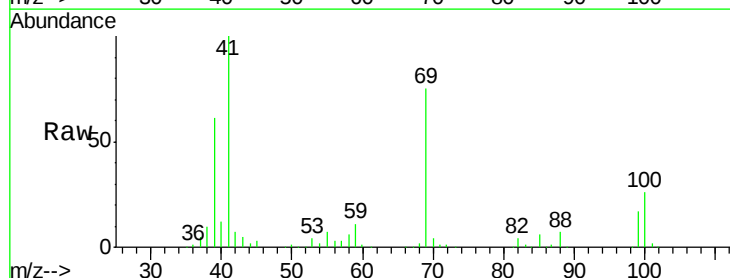
Tgt Ion: 41 Resp: 67665

Ion Ratio Lower Upper

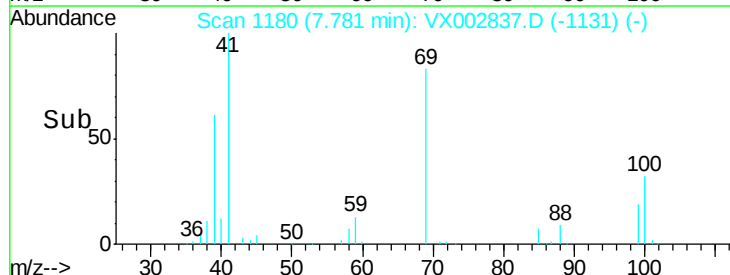
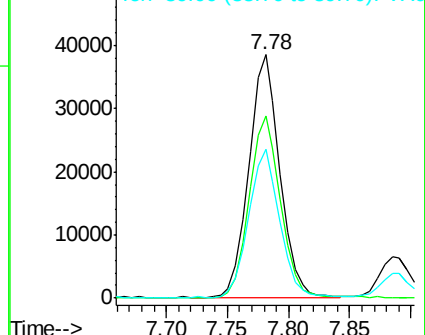
41 100

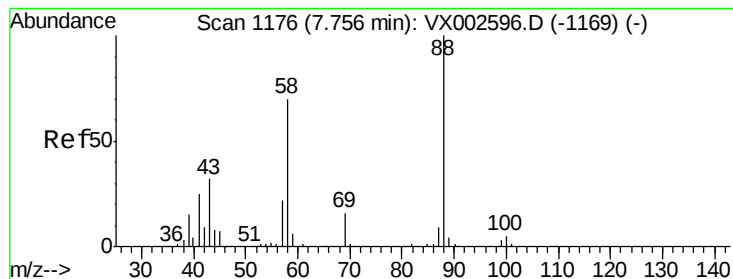
69 76.4 59.1 88.7

39 61.0 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: 419.25 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

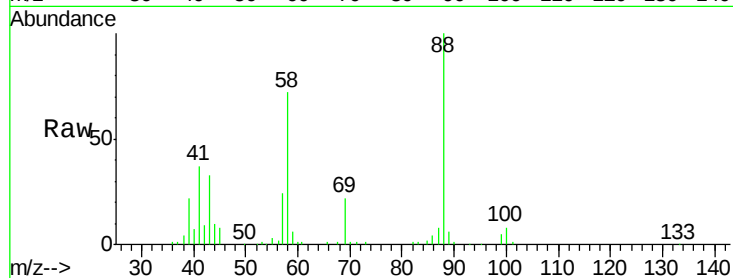
Tot Ion: 88 Resp: 27249

Ion Ratio Lower Upper

88 100

43 37.8 29.8 44.6

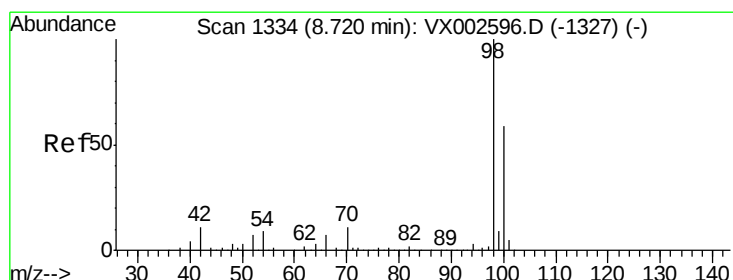
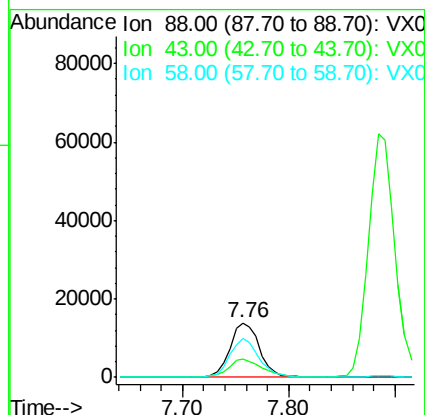
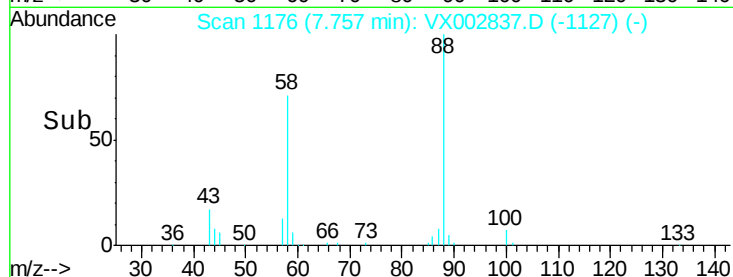
58 70.9 57.1 85.7



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: 45.04 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002837.D

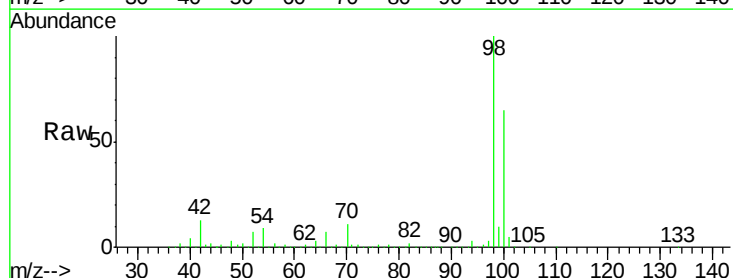
Acq: 22 Jun 2018 17:53

Tgt Ion: 98 Resp: 460270

Ion Ratio Lower Upper

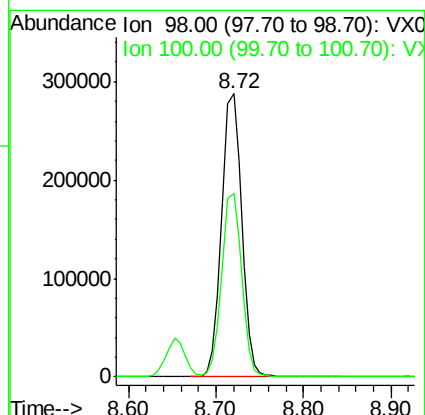
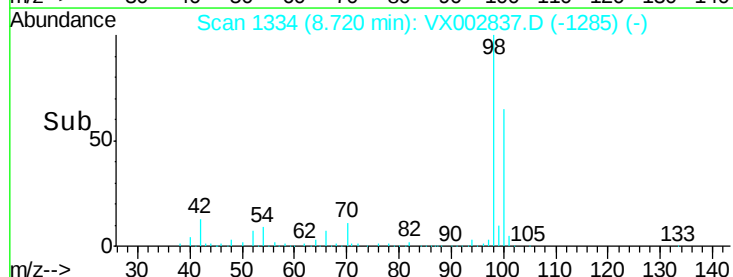
98 100

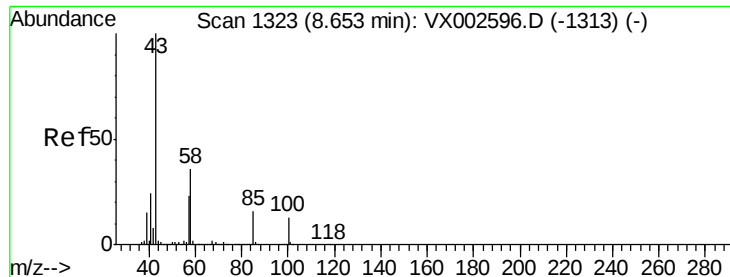
100 64.4 50.9 76.3



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: 99.51 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

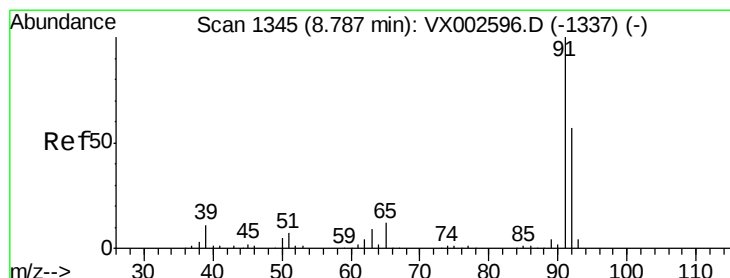
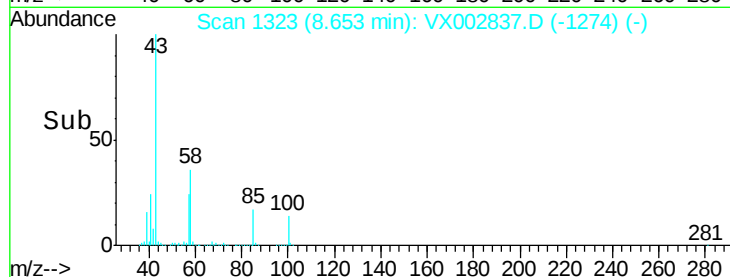
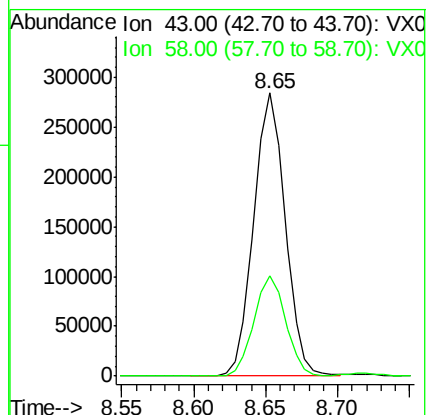
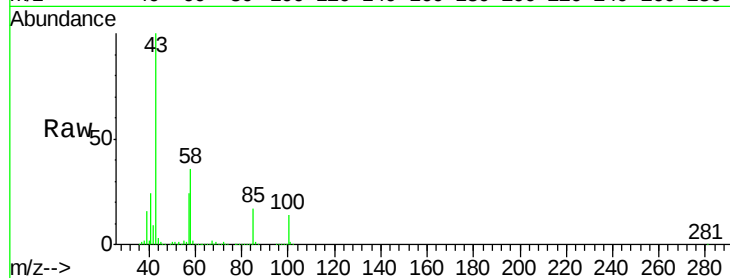
VX0622WBS02

Tot Ion: 43 Resp: 429102

Ion Ratio Lower Upper

43 100

58 35.9 28.6 42.8



#52

Toluene

Concen: 20.22 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002837.D

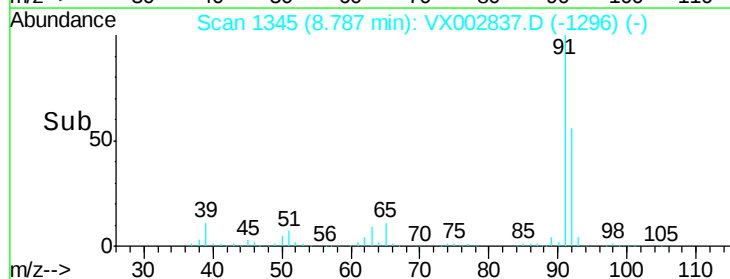
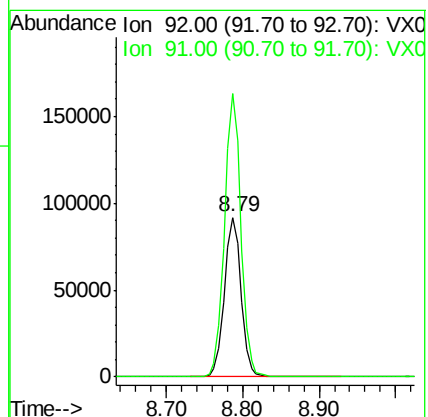
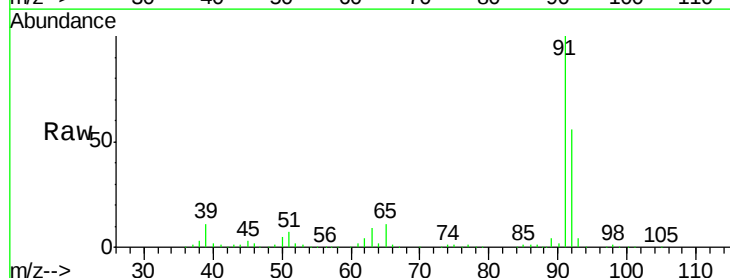
Acq: 22 Jun 2018 17:53

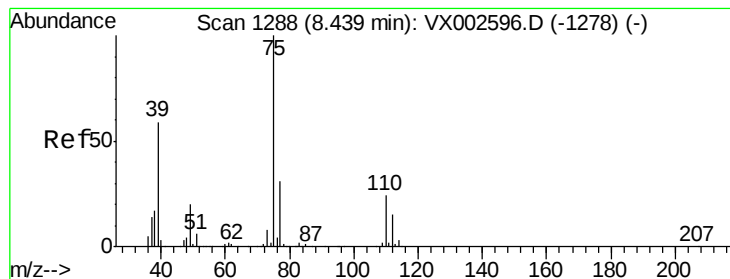
Tgt Ion: 92 Resp: 138498

Ion Ratio Lower Upper

92 100

91 175.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.94 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

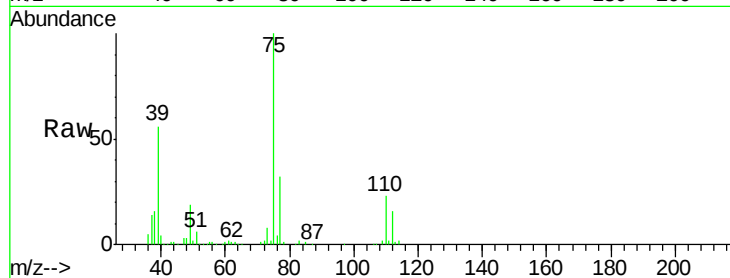
VX0622WBS02

Tot Ion: 75 Resp: 81336

Ion Ratio Lower Upper

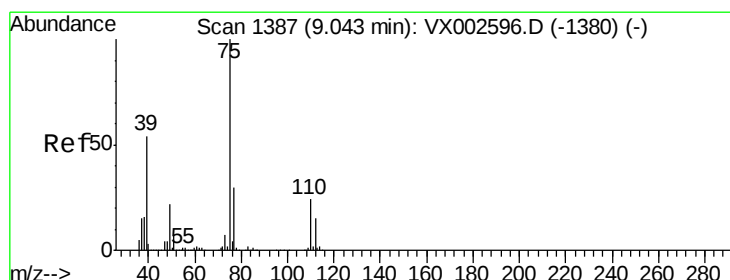
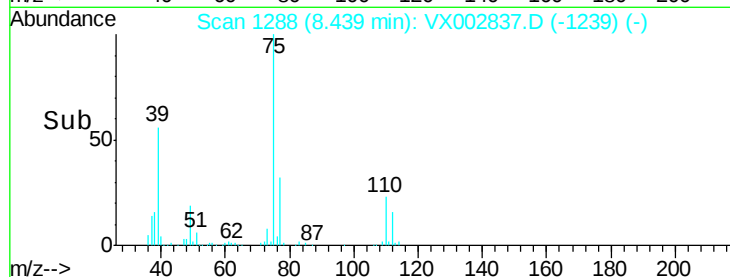
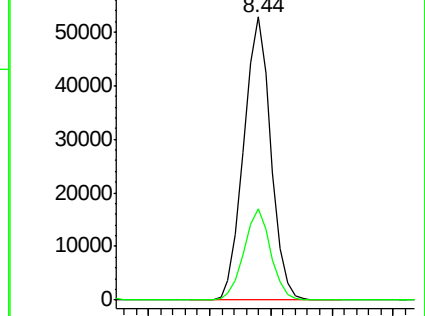
75 100

77 32.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.89 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

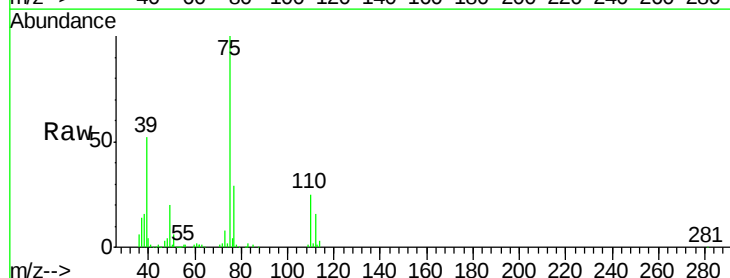
Tgt Ion: 75 Resp: 75048

Ion Ratio Lower Upper

75 100

77 29.5 24.8 37.2

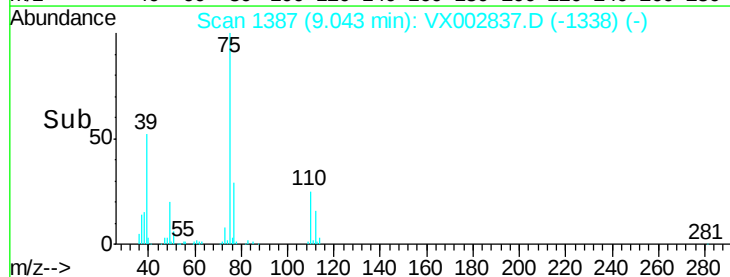
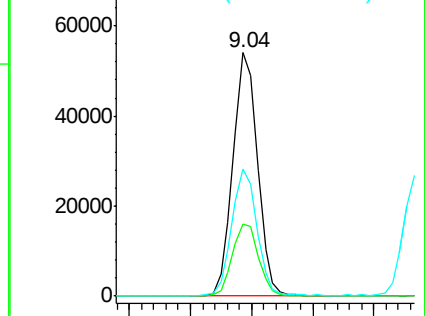
39 52.3 42.4 63.6

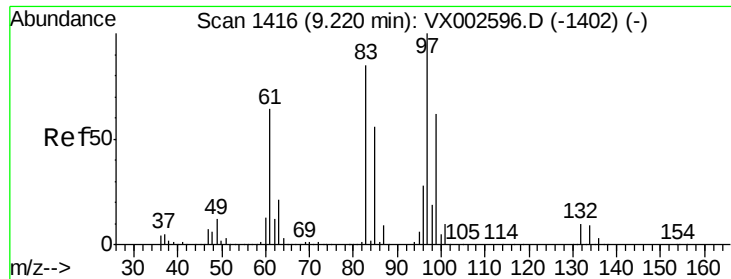


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

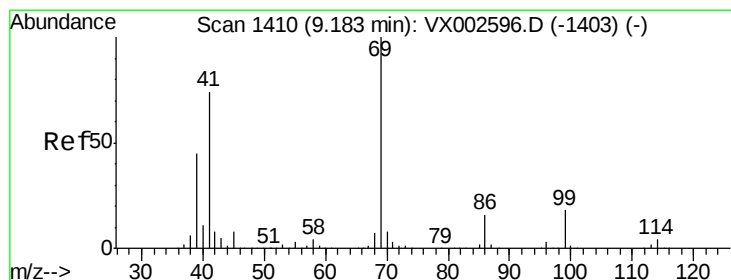
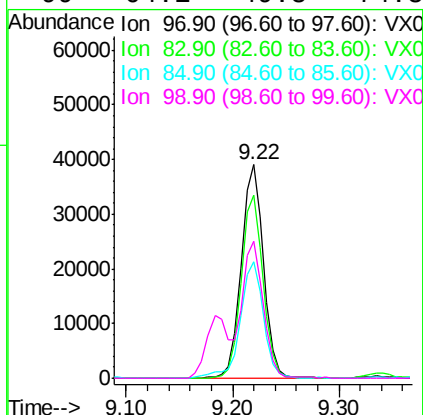
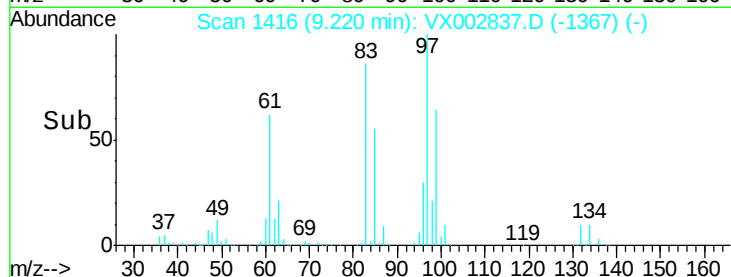
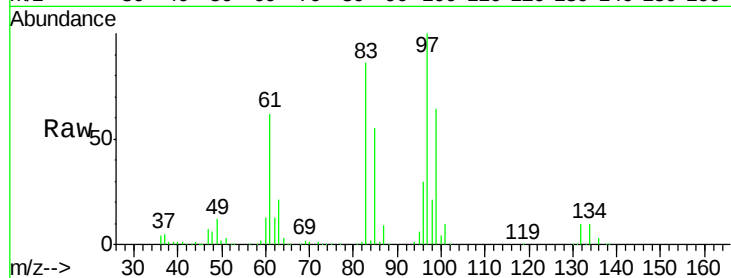




#55
 1,1,2-Trichloroethane
 Concen: 20.66 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

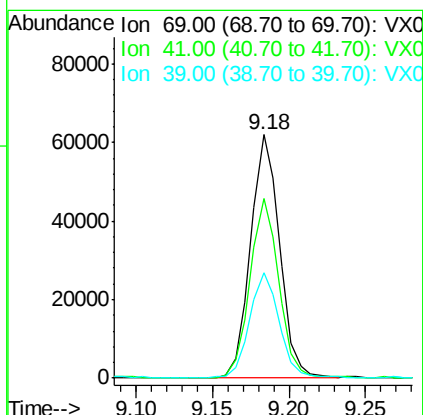
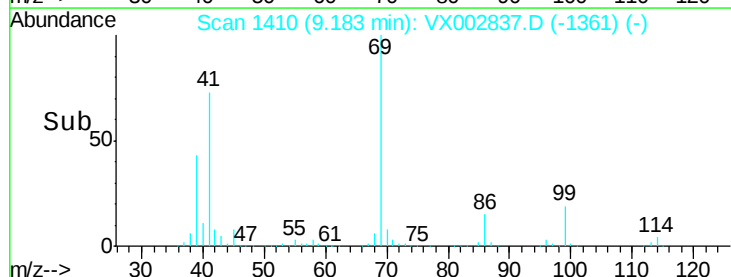
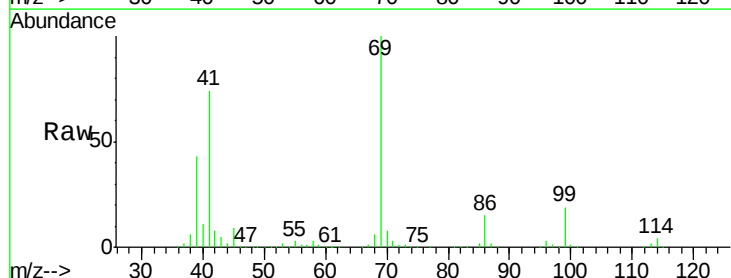
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

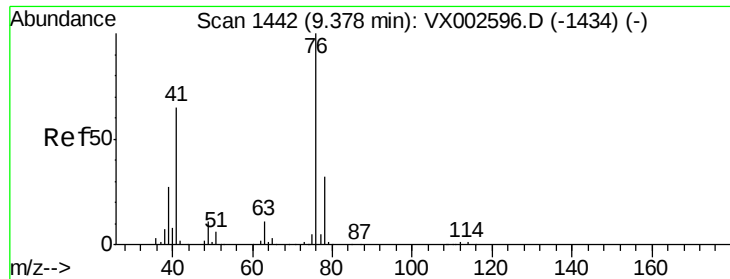
Tot Ion:	97	Resp:	57188
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.2	105.2
85	54.8	44.9	67.3
99	64.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 19.29 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion:	69	Resp:	82181
Ion	Ratio	Lower	Upper
69	100		
41	72.8	60.3	90.5
39	44.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.66 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

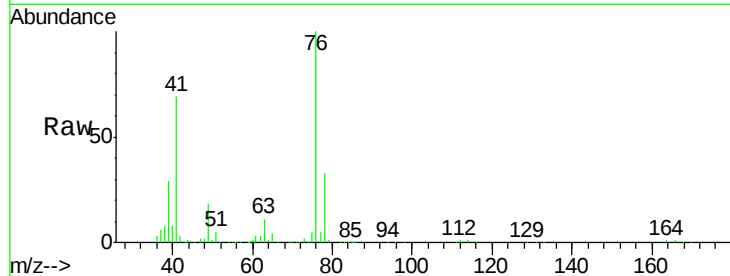
VX0622WBS02

Tot Ion: 76 Resp: 92028

Ion Ratio Lower Upper

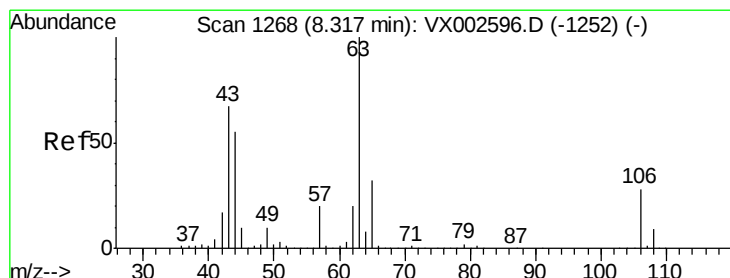
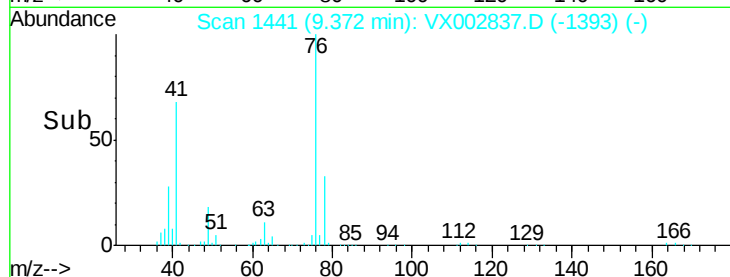
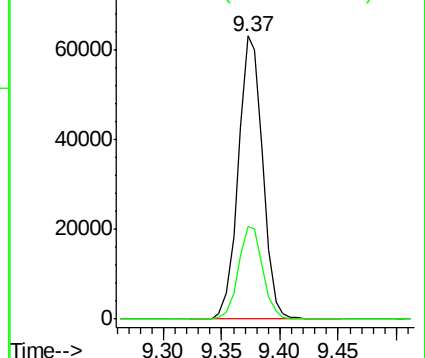
76 100

78 32.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 76.36 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002837.D

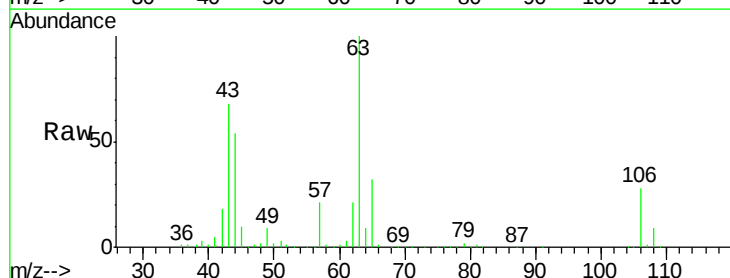
Acq: 22 Jun 2018 17:53

Tgt Ion: 63 Resp: 157316

Ion Ratio Lower Upper

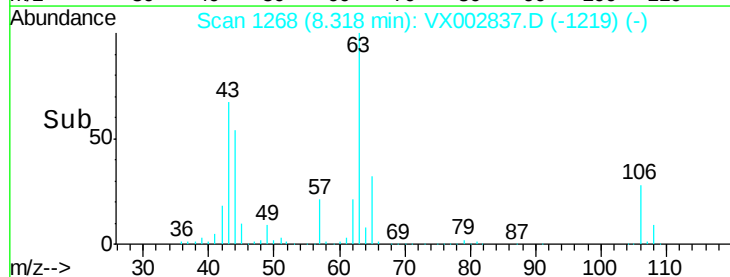
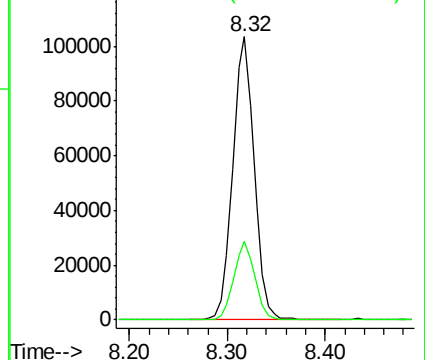
63 100

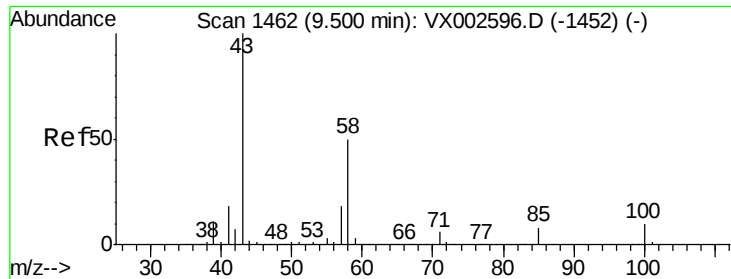
106 27.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

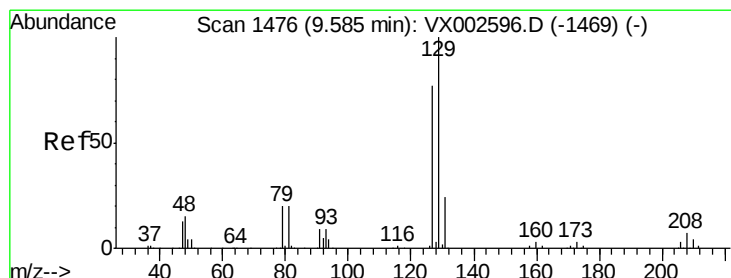
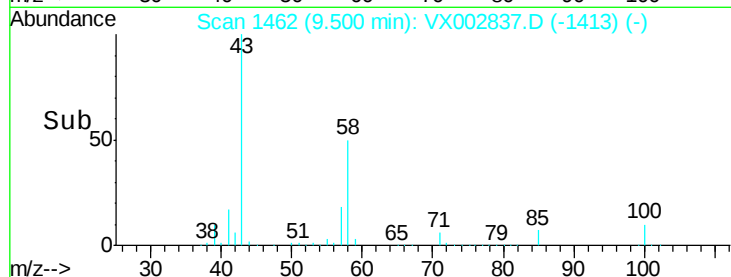
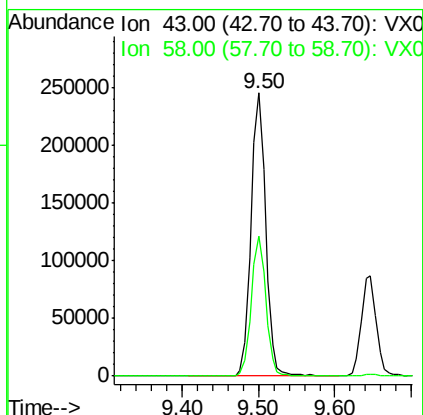
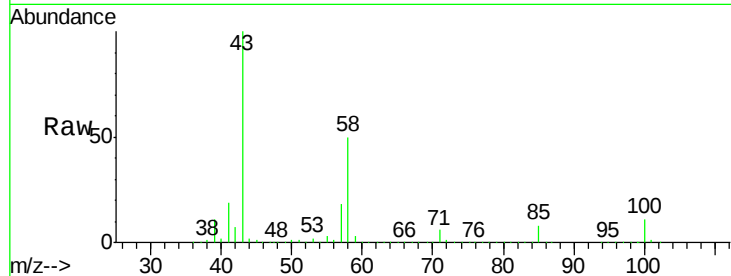




#59
2-Hexanone
Concen: 100.86 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

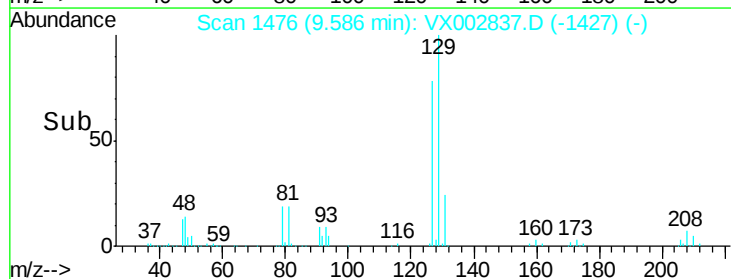
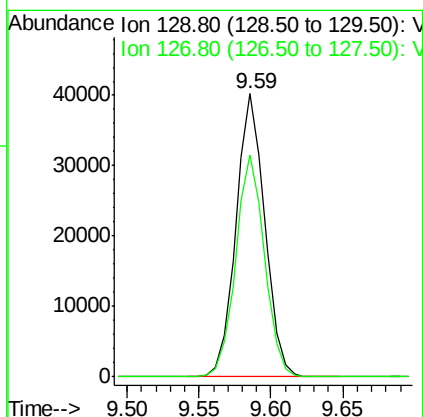
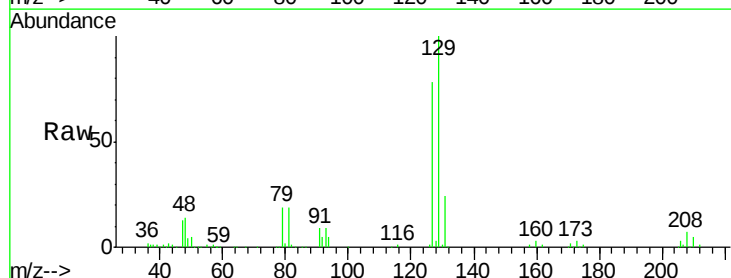
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

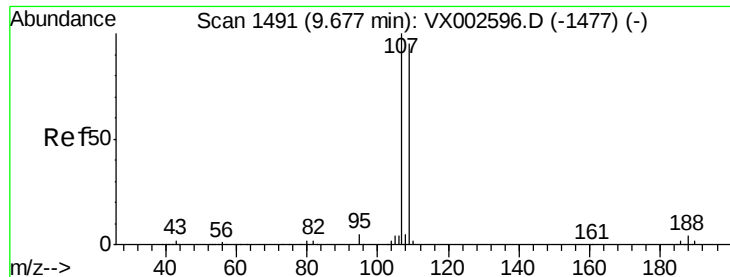
Tot Ion: 43 Resp: 327745
Ion Ratio Lower Upper
43 100
58 49.3 24.6 73.6



#60
Dibromochloromethane
Concen: 20.39 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion:129 Resp: 55981
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.51 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

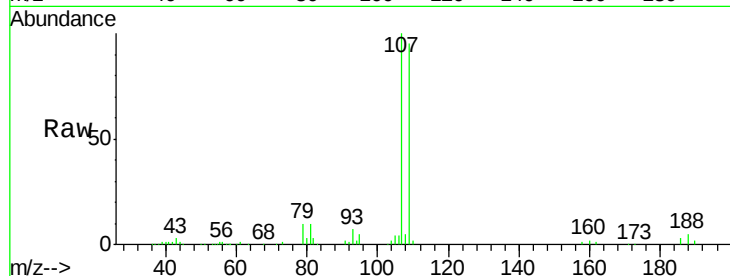
VX0622WBS02

Tot Ion:107 Resp: 58795

Ion Ratio Lower Upper

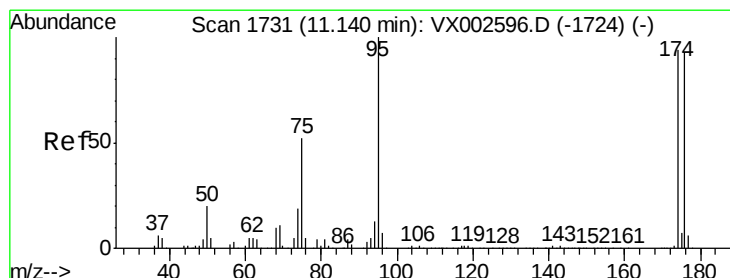
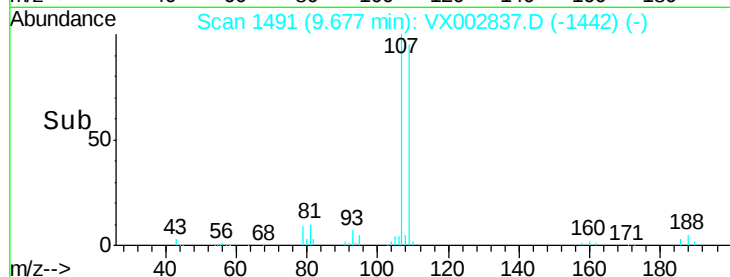
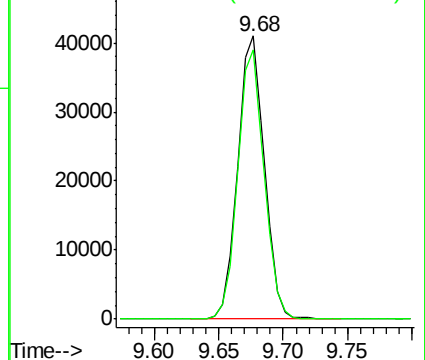
107 100

109 94.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.41 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

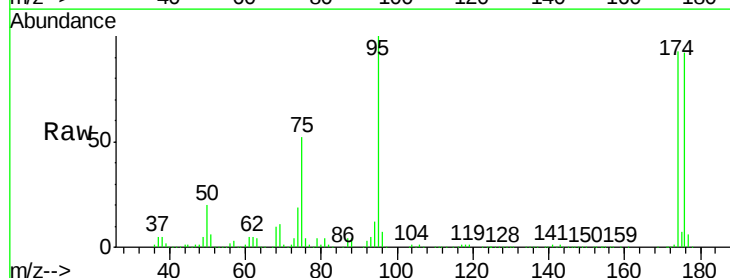
Tgt Ion: 95 Resp: 179713

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.4

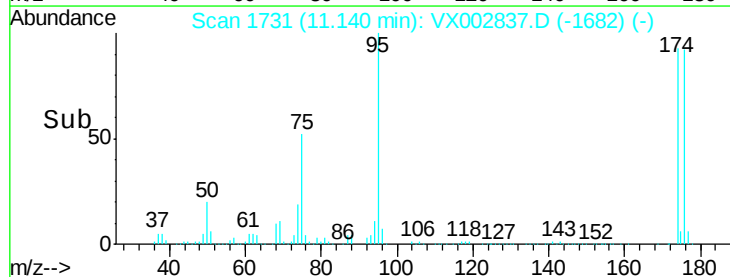
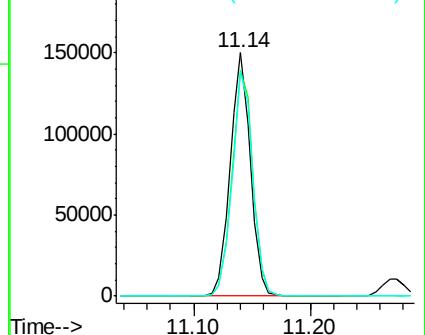
176 93.9 0.0 181.0



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

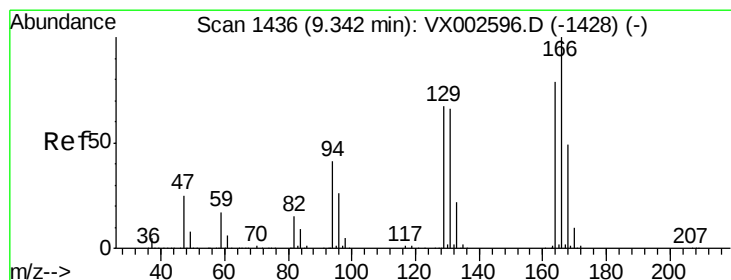
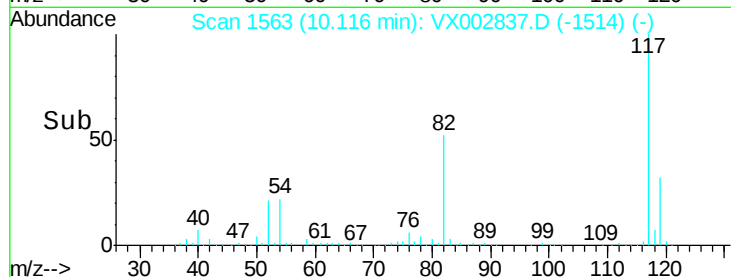
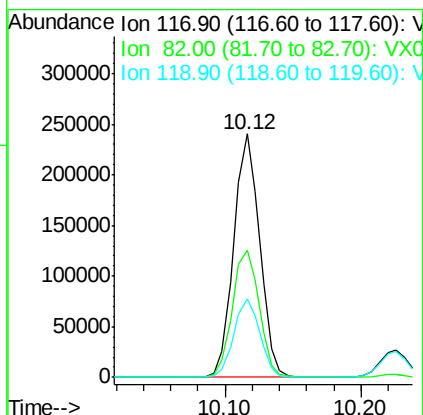
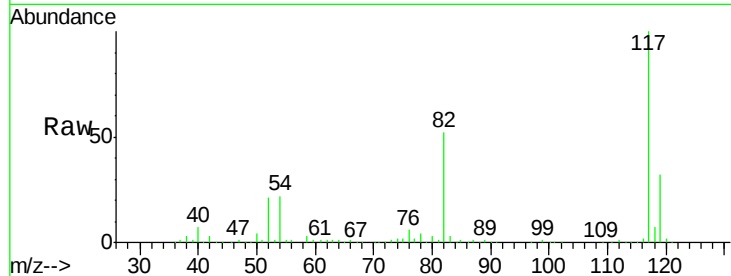




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

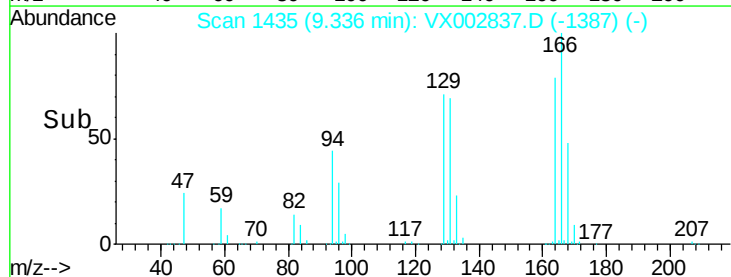
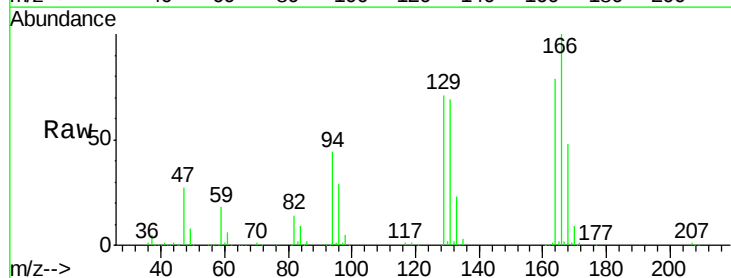
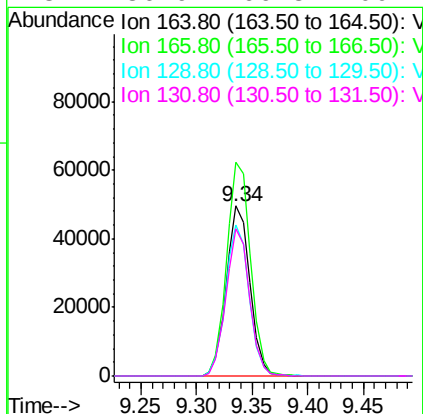
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

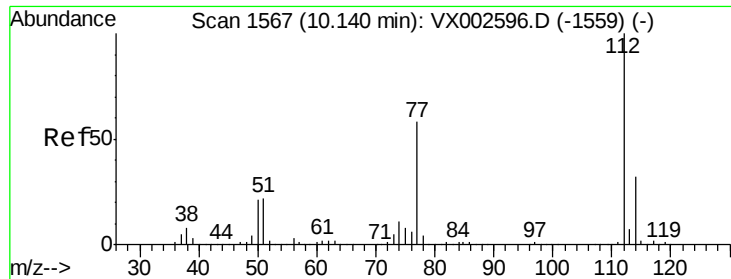
Tot Ion:117 Resp: 319088
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 20.46 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion:164 Resp: 72482
Ion Ratio Lower Upper
164 100
166 125.8 102.9 154.3
129 89.2 68.6 102.8
131 86.9 66.8 100.2

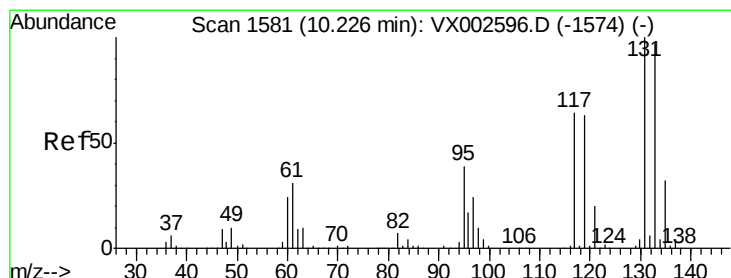
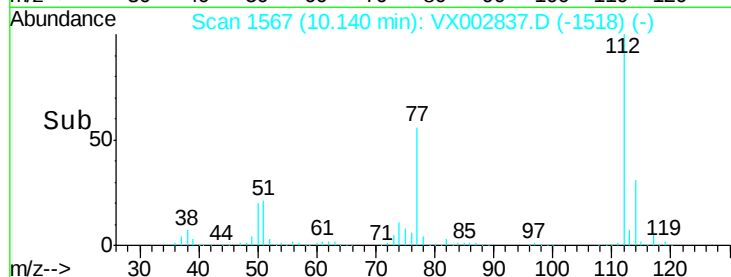
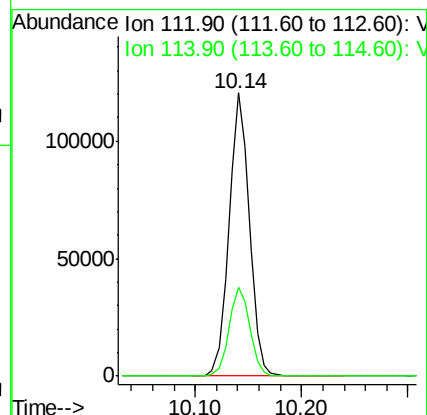
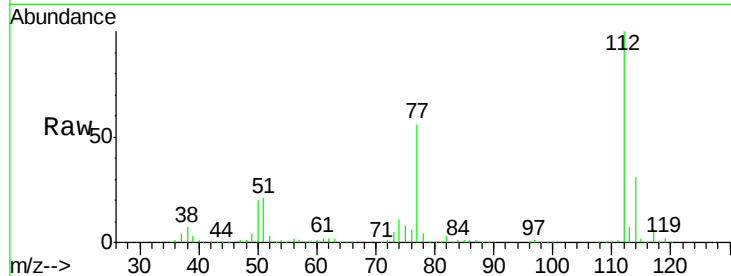




#65
Chlorobenzene
Concen: 20.59 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

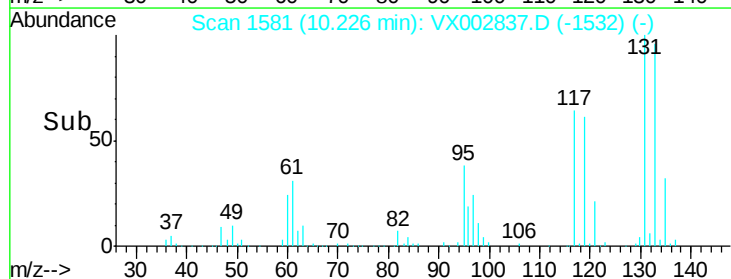
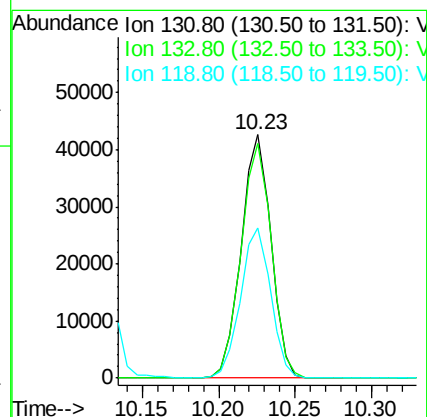
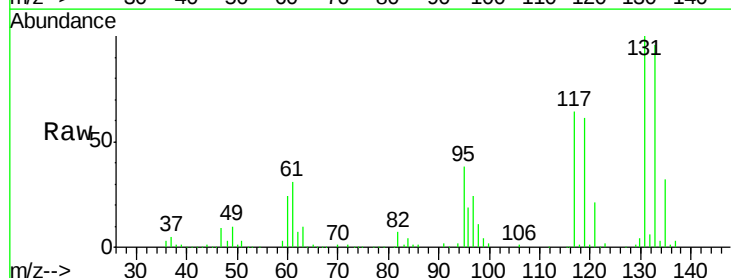
Instrument :
MSVOA_X
ClientSampled :
VX0622WBS02

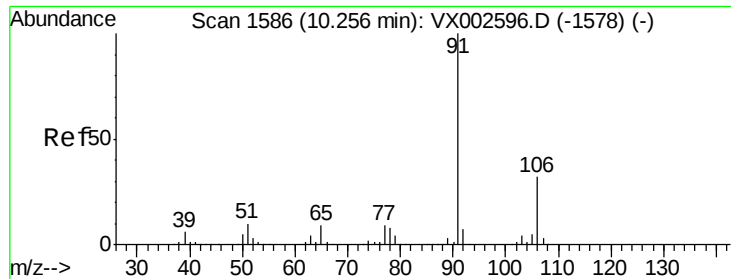
Tot Ion:112 Resp: 161345
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.57 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion:131 Resp: 57630
Ion Ratio Lower Upper
131 100
133 98.1 47.9 143.6
119 62.4 31.8 95.3





#67

Ethyl Benzene

Concen: 20.48 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

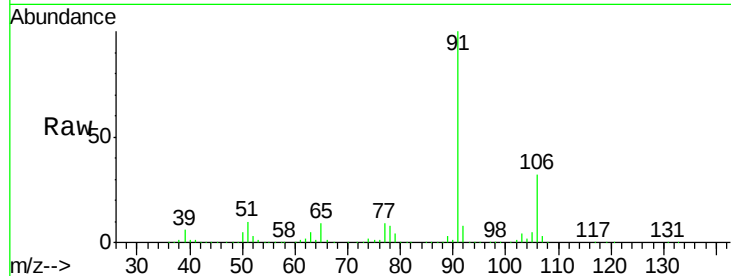
VX0622WBS02

Tot Ion: 91 Resp: 270737

Ion Ratio Lower Upper

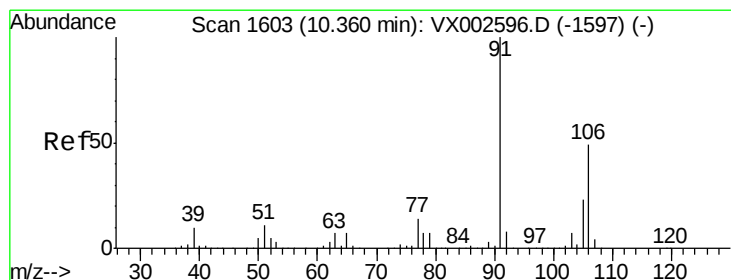
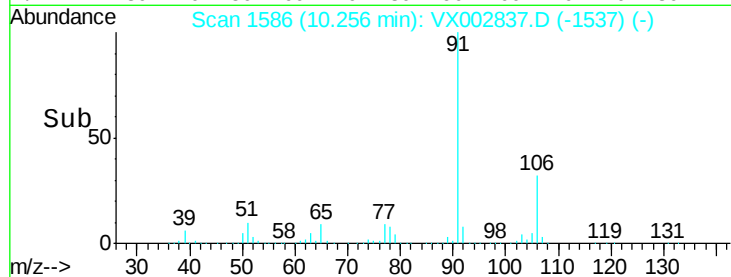
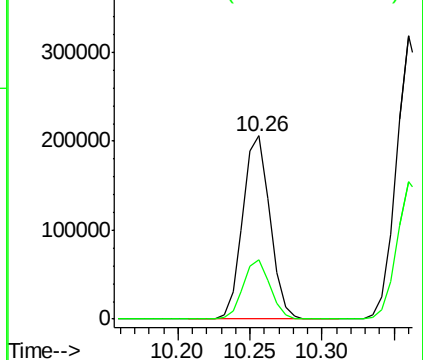
91 100

106 32.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.23 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002837.D

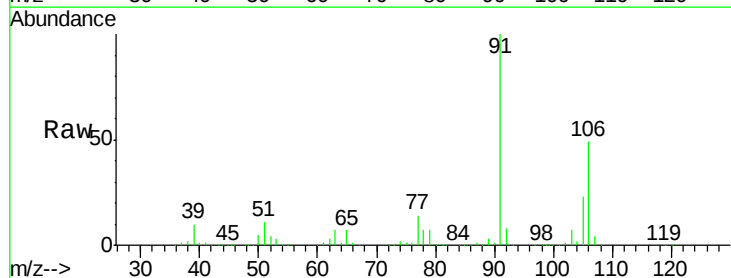
Acq: 22 Jun 2018 17:53

Tgt Ion:106 Resp: 210226

Ion Ratio Lower Upper

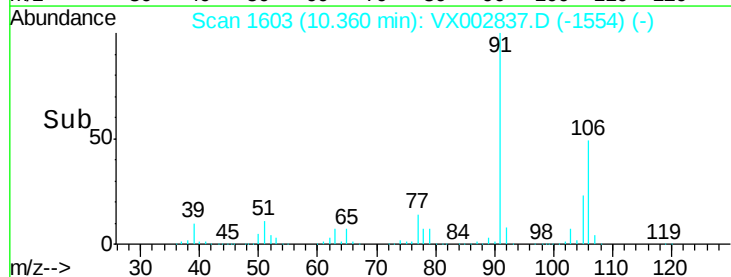
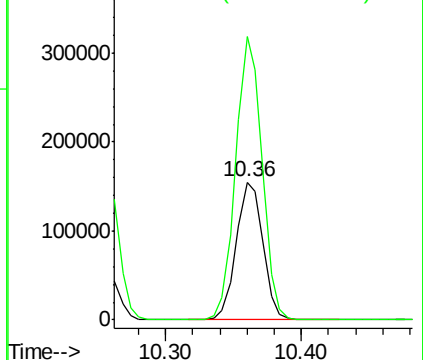
106 100

91 204.0 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

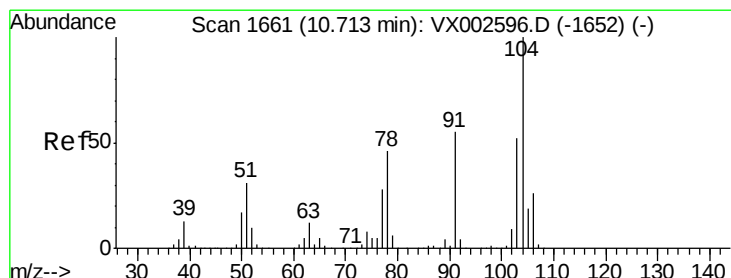
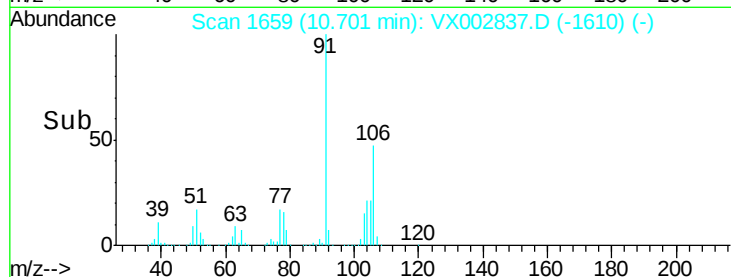
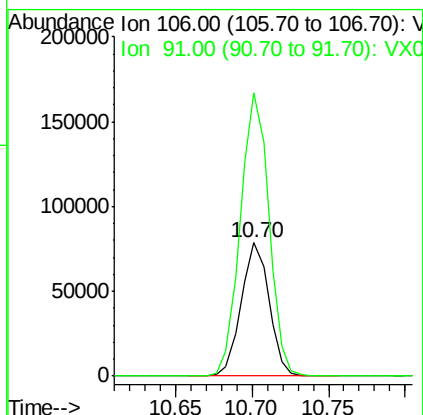
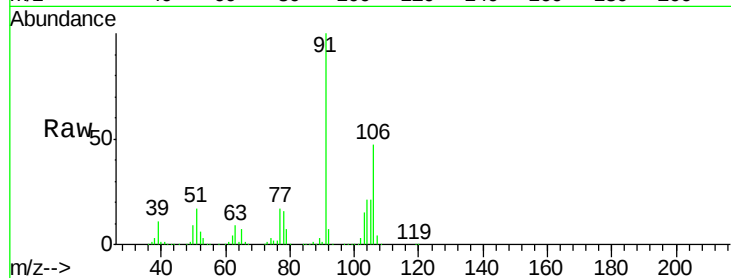




#69
o-Xylene
Concen: 20.07 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

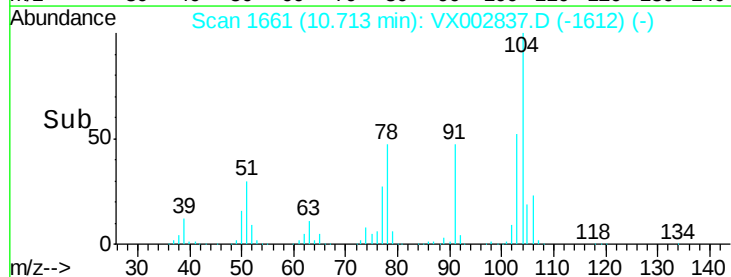
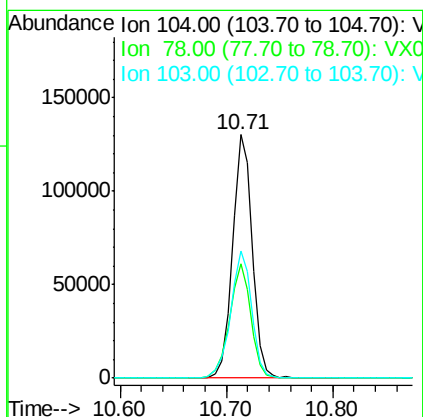
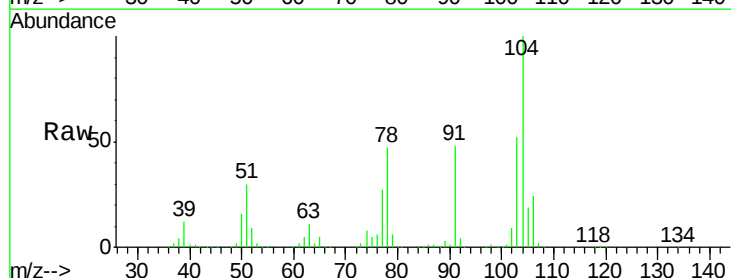
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

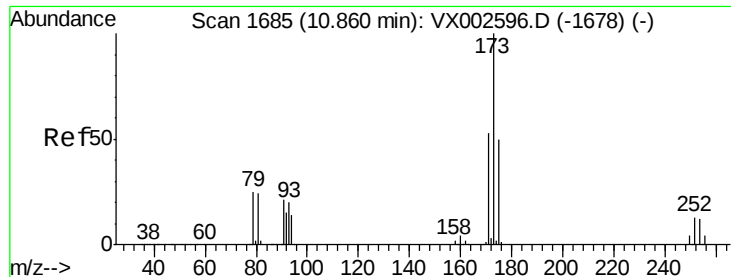
Tot Ion:106 Resp: 100534
Ion Ratio Lower Upper
106 100
91 216.2 108.2 324.6



#70
Styrene
Concen: 20.53 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion:104 Resp: 169138
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 56.1 44.2 66.4





#71

Bromoform

Concen: 20.82 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

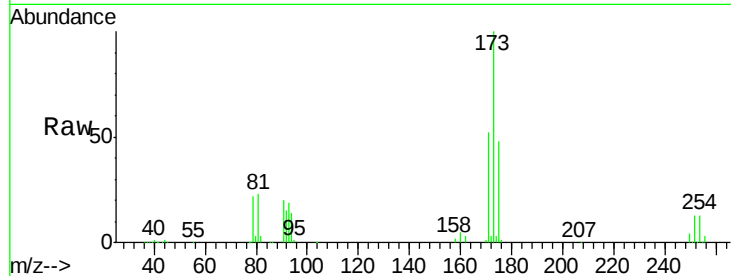
Tot Ion:173 Resp: 43026

Ion Ratio Lower Upper

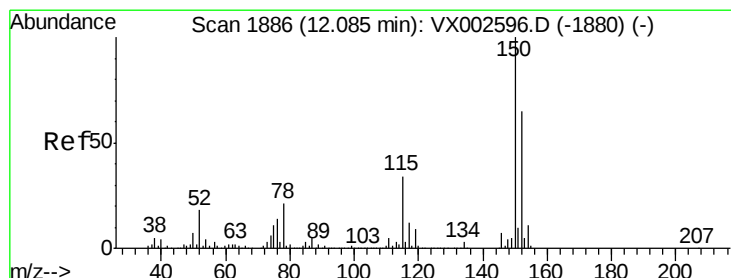
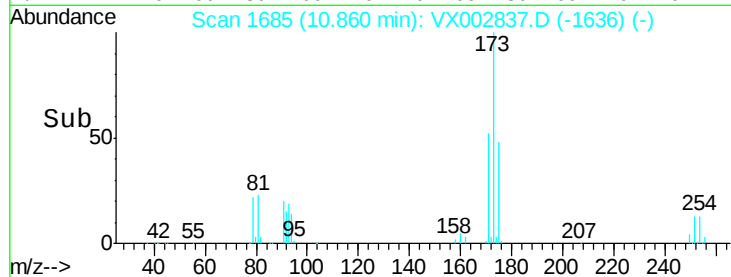
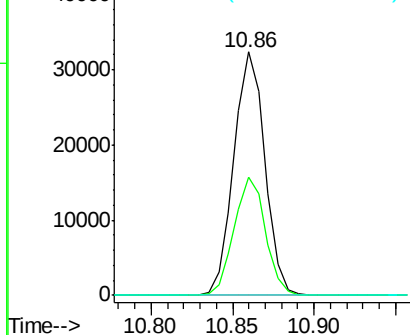
173 100

175 49.0 24.7 74.1

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

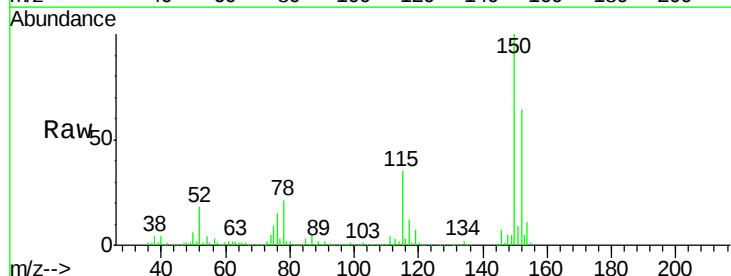
Tgt Ion:152 Resp: 200901

Ion Ratio Lower Upper

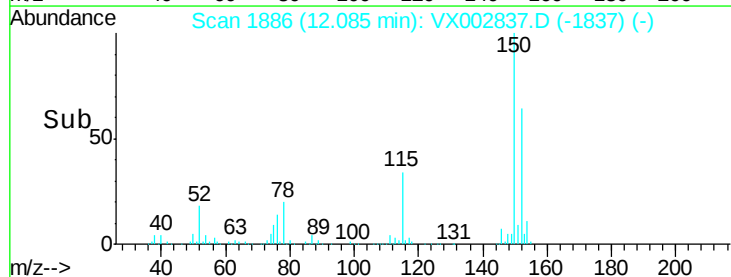
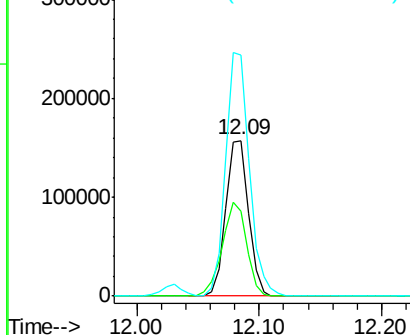
152 100

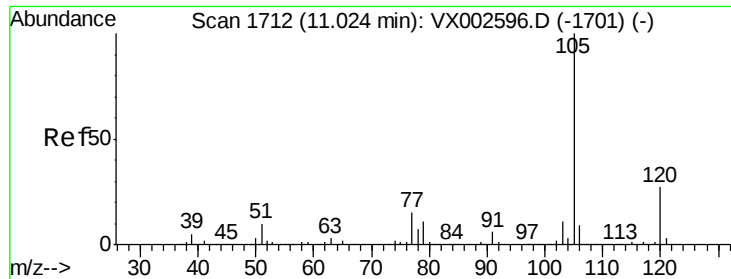
115 65.5 40.1 120.2

150 163.2 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: 20.76 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

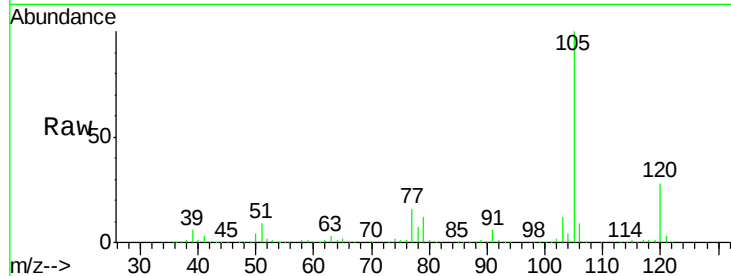
VX0622WBS02

Tot Ion:105 Resp: 278925

Ion Ratio Lower Upper

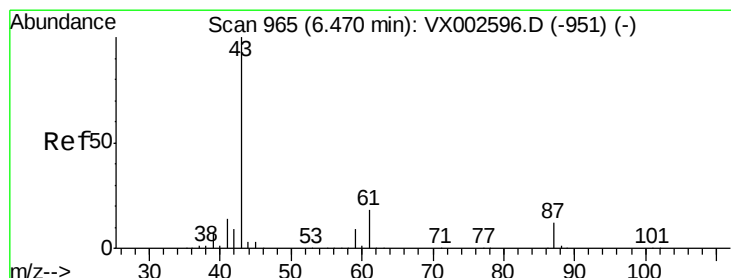
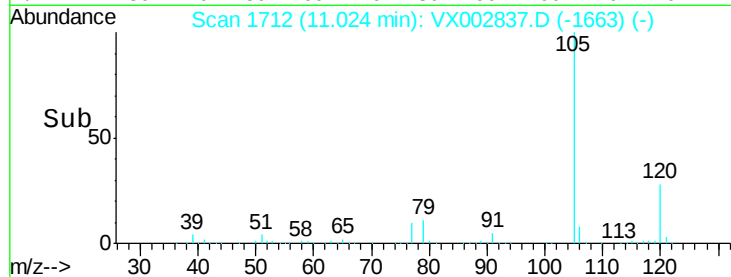
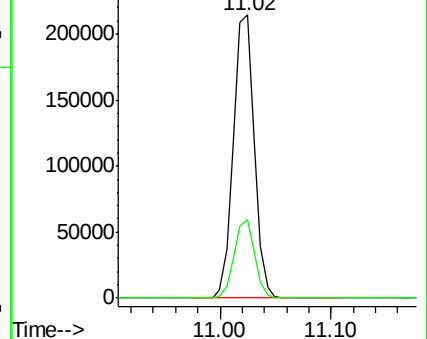
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.55 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Tgt Ion: 43 Resp: 130539

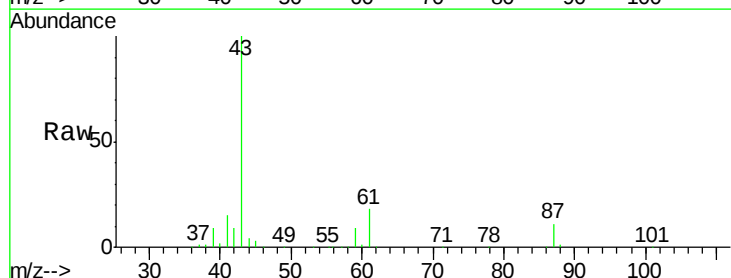
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.0 14.4 21.6

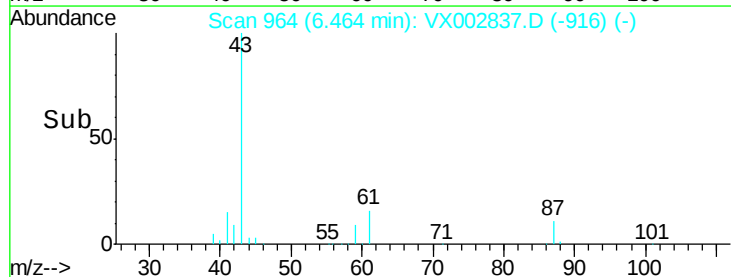
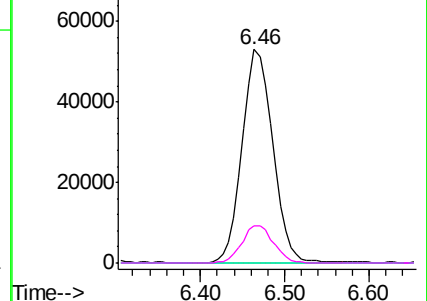


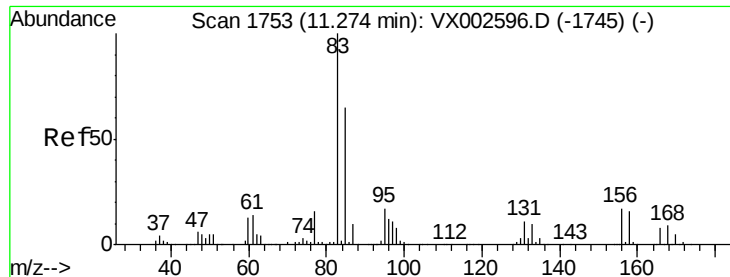
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.85 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

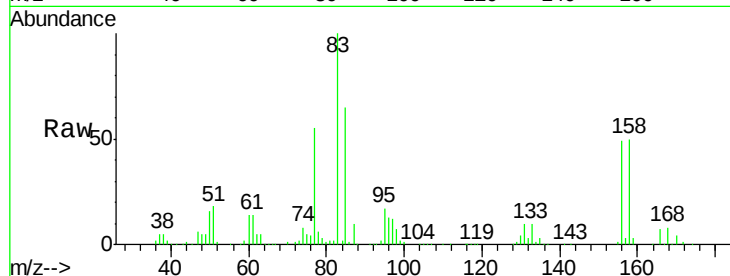
Tot Ion: 83 Resp: 82723

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

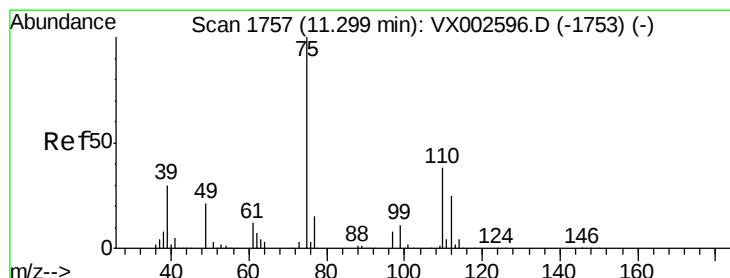
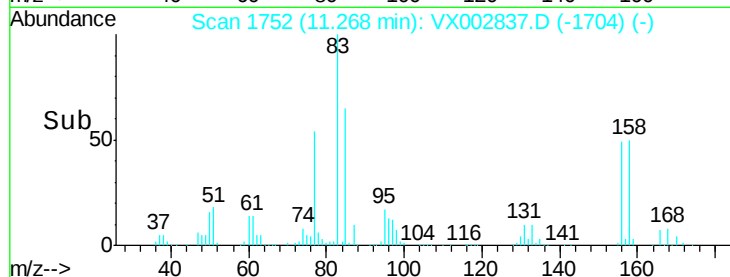
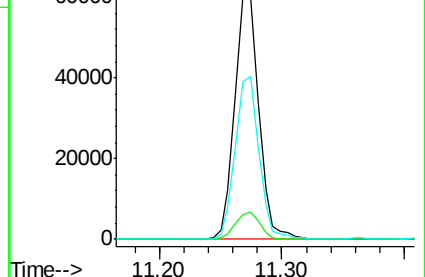
85 66.0 32.4 97.2



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: 24.69 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002837.D

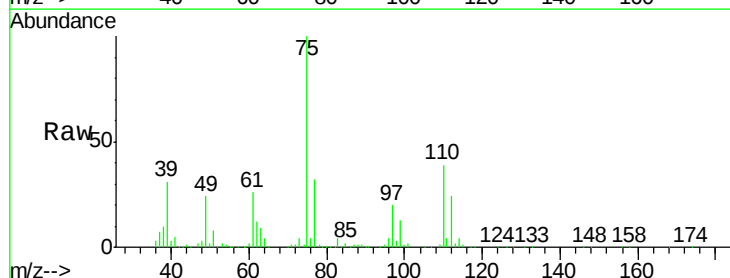
Acq: 22 Jun 2018 17:53

Tgt Ion: 75 Resp: 93599

Ion Ratio Lower Upper

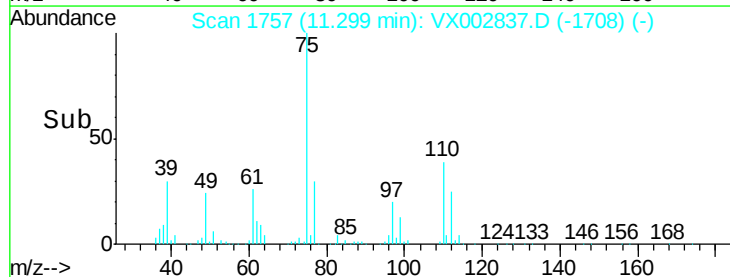
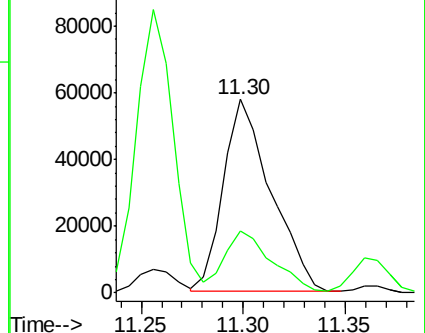
75 100

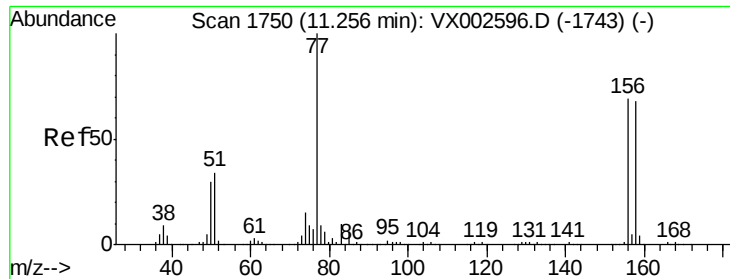
77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

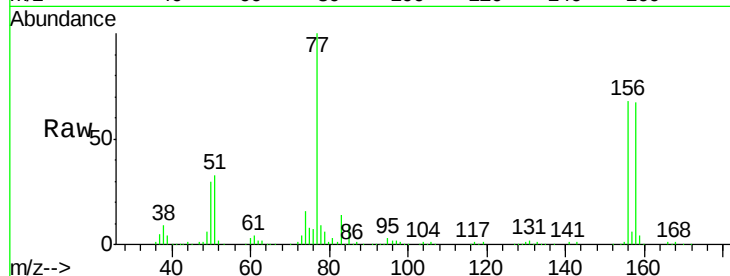




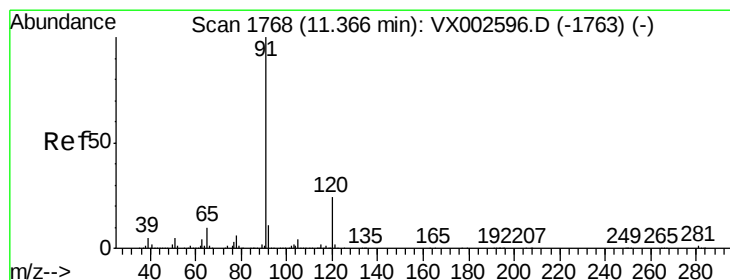
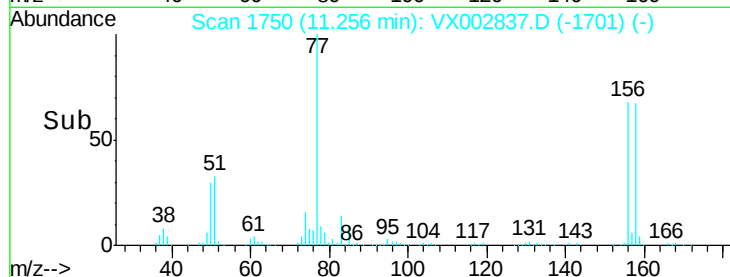
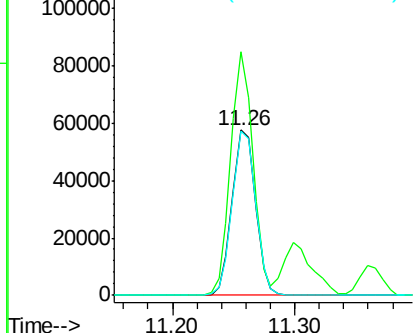
#77
Bromobenzene
Concen: 20.44 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion:156 Resp: 76505
Ion Ratio Lower Upper
156 100
77 140.4 71.4 214.2
158 98.8 48.9 146.6

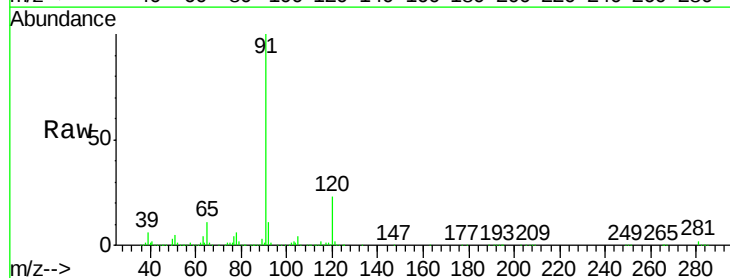


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

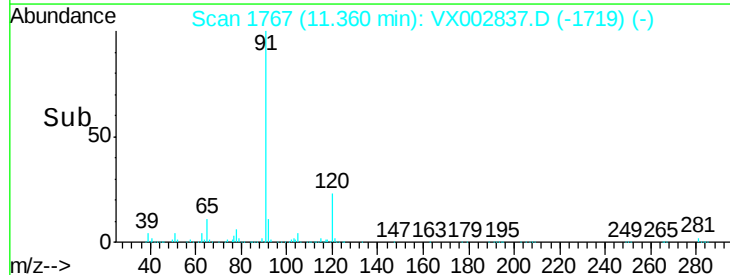
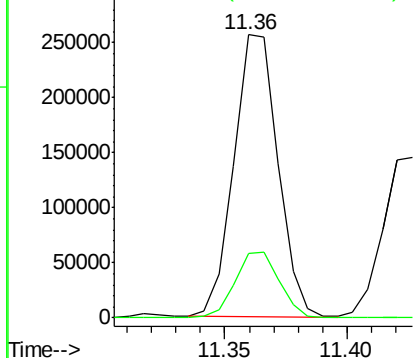


#78
n-propylbenzene
Concen: 20.88 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.01 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion: 91 Resp: 321792
Ion Ratio Lower Upper
91 100
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

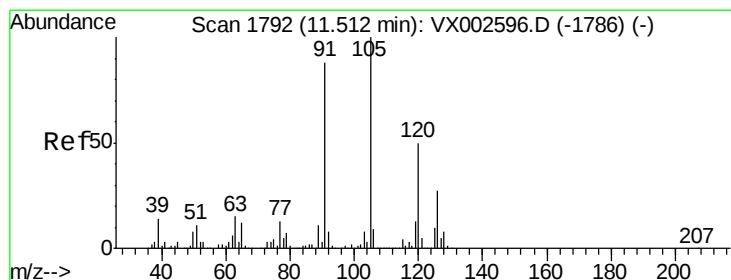
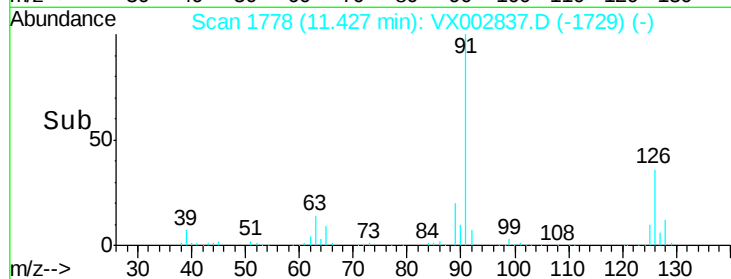
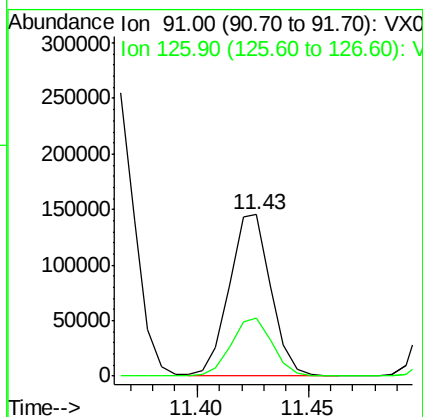
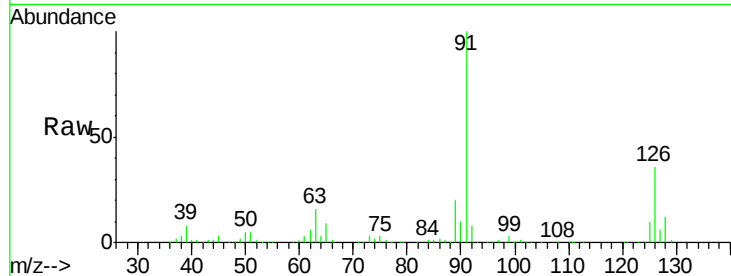




#79
 2-Chlorotoluene
 Concen: 20.42 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

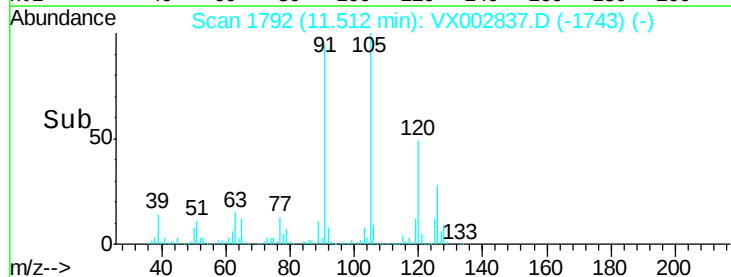
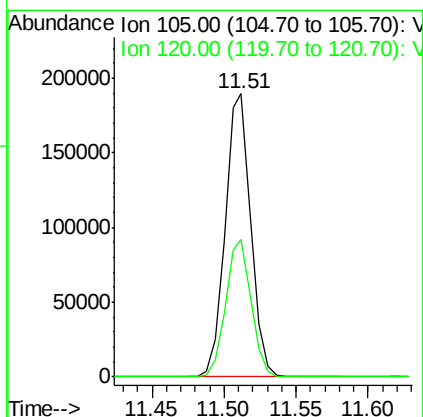
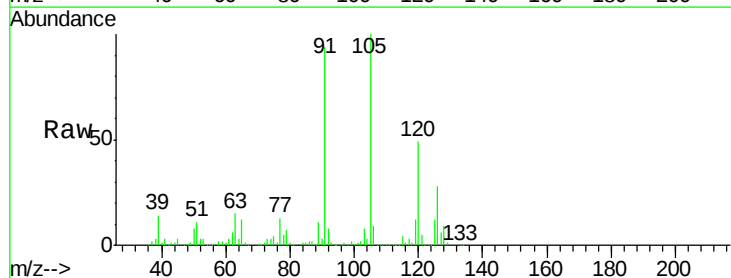
Instrument :
 MSVOA_X
 ClientSampled :
 VX0622WBS02

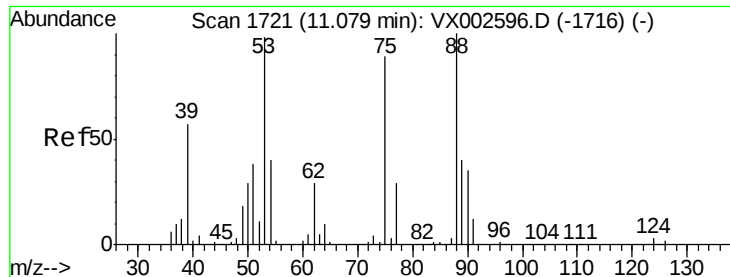
Tot Ion: 91 Resp: 187846
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.80 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion: 105 Resp: 236175
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.40 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

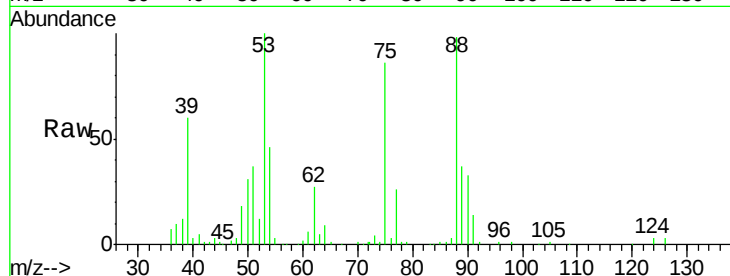
Tot Ion: 75 Resp: 20964

Ion Ratio Lower Upper

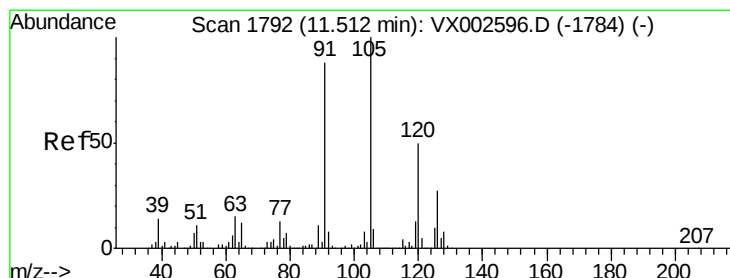
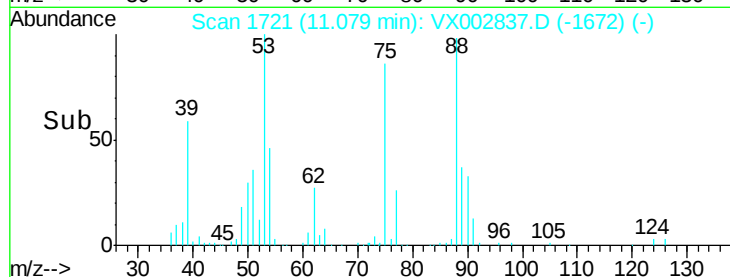
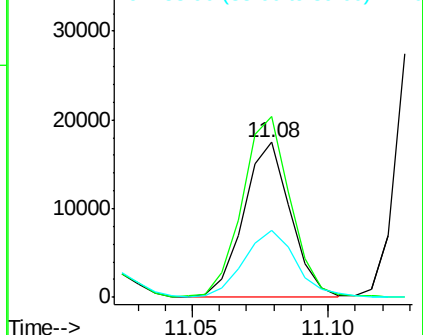
75 100

53 118.8 86.8 130.2

89 48.0 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: 20.67 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002837.D

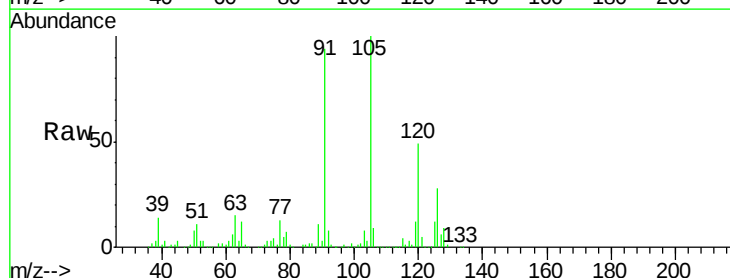
Acq: 22 Jun 2018 17:53

Tgt Ion: 91 Resp: 224381

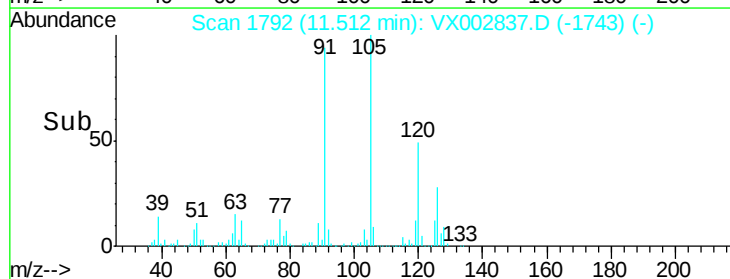
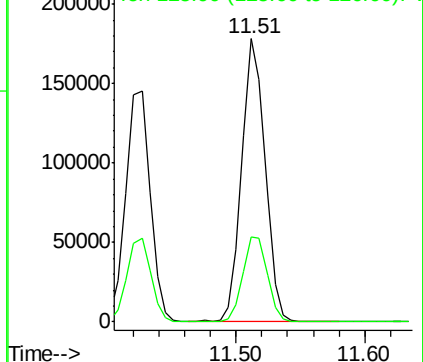
Ion Ratio Lower Upper

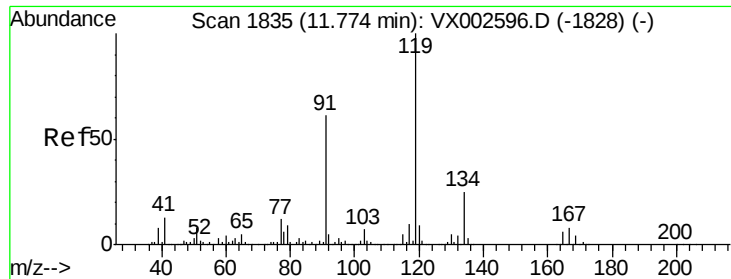
91 100

126 31.5 15.4 46.4



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

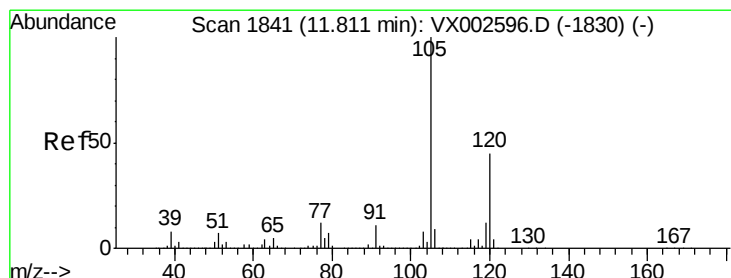
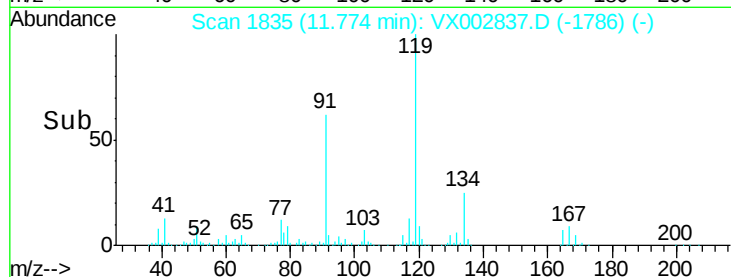
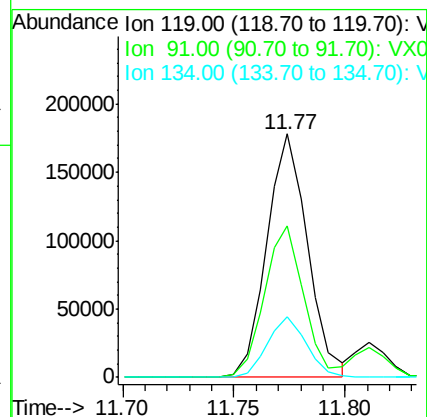
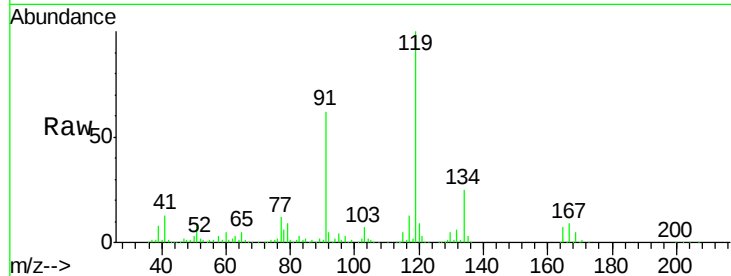




#83
 tert-Butylbenzene
 Concen: 20.75 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

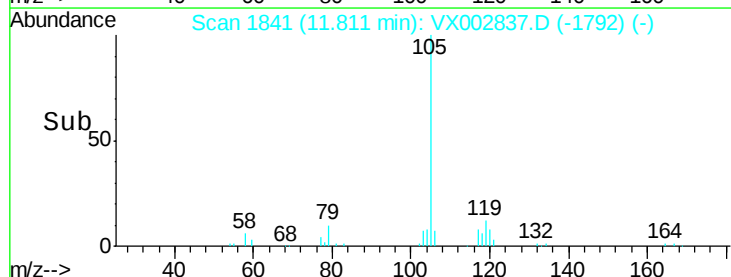
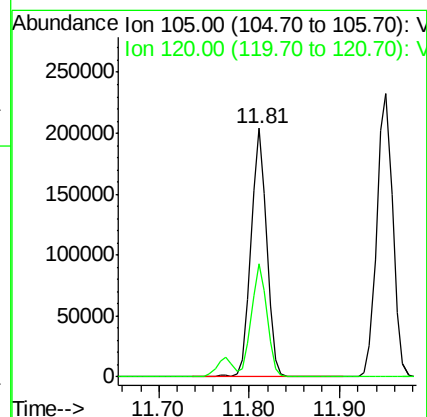
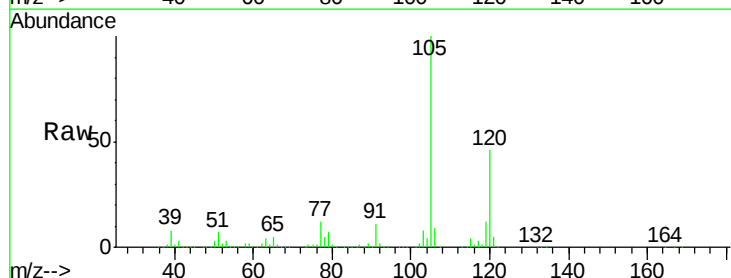
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

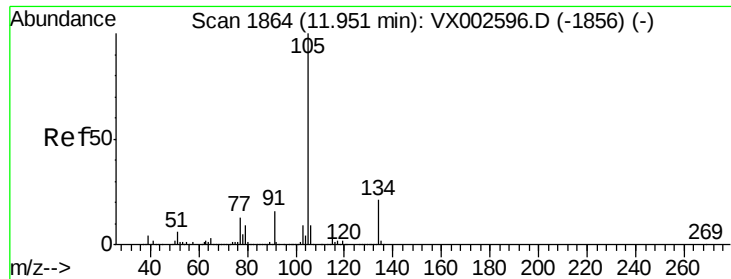
Tot Ion:119 Resp: 226994
 Ion Ratio Lower Upper
 119 100
 91 59.3 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion:105 Resp: 244732
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.91 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

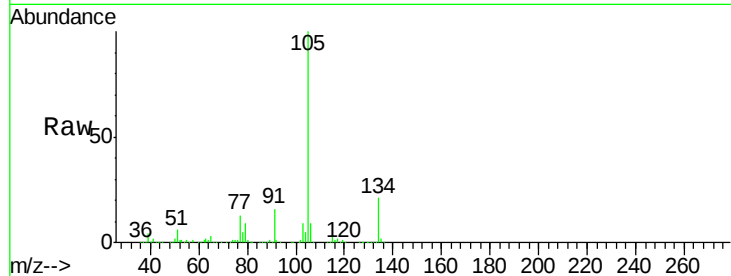
VX0622WBS02

Tot Ion:105 Resp: 284401

Ion Ratio Lower Upper

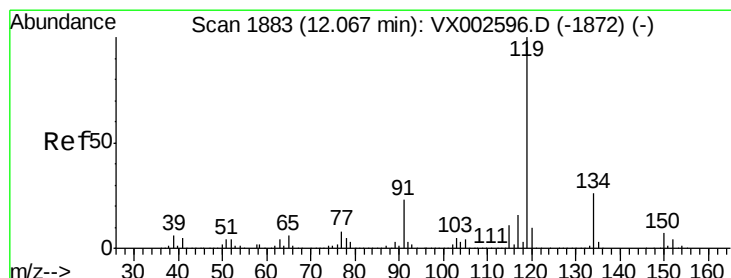
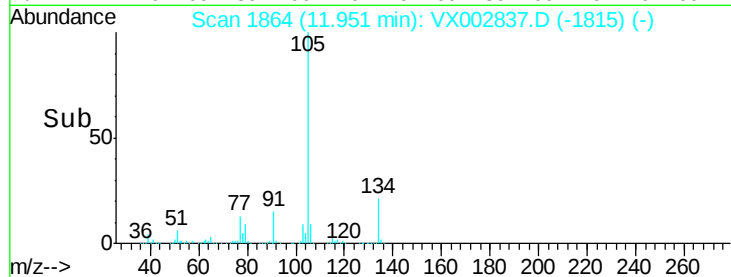
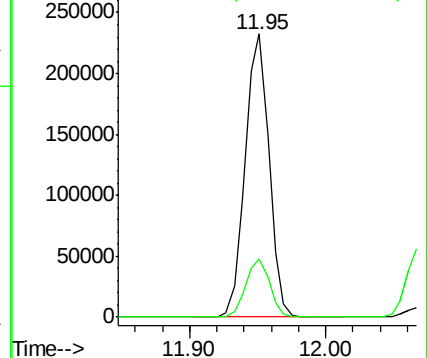
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.87 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

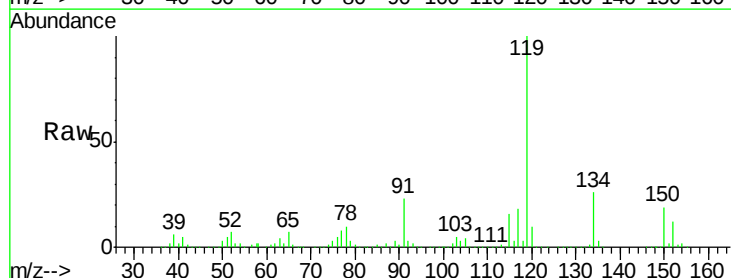
Tgt Ion:119 Resp: 256853

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

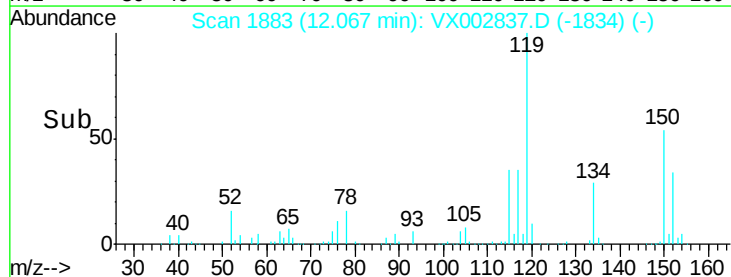
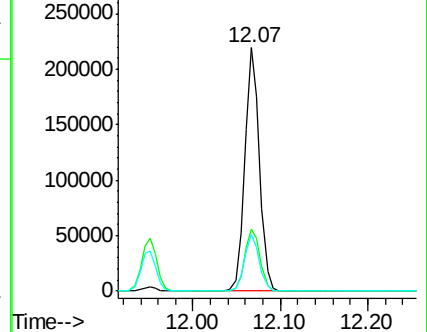
91 23.6 11.9 35.7

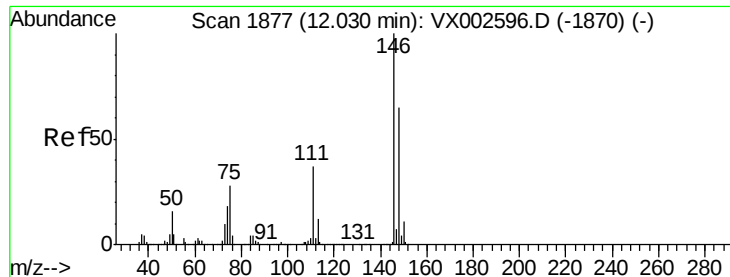


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.68 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS02

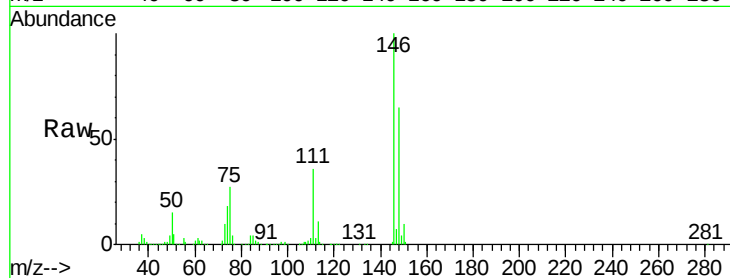
Tot Ion:146 Resp: 141955

Ion Ratio Lower Upper

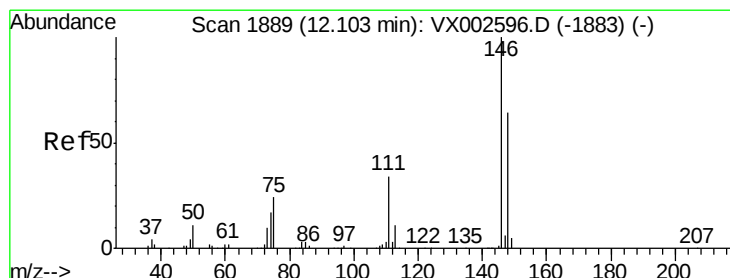
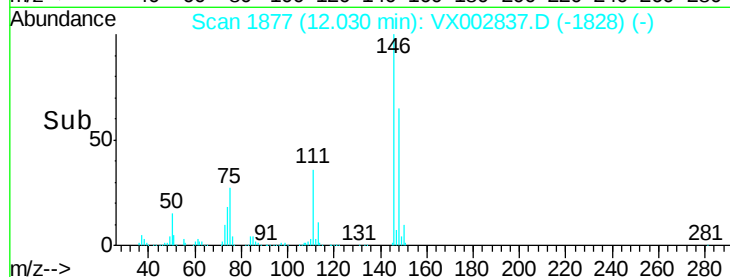
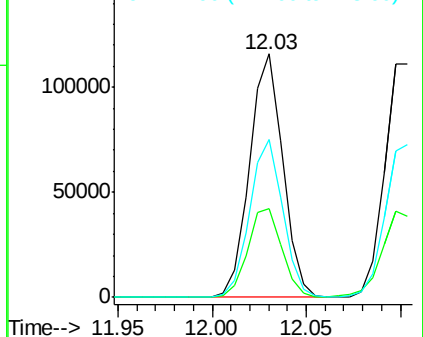
146 100

111 37.5 18.9 56.7

148 64.3 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 20.57 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

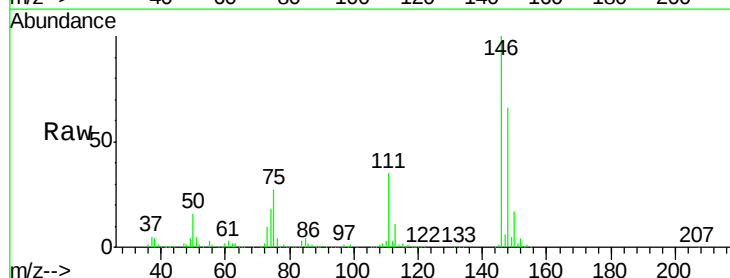
Tgt Ion:146 Resp: 143668

Ion Ratio Lower Upper

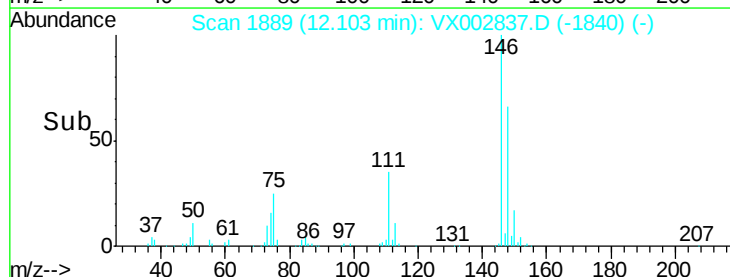
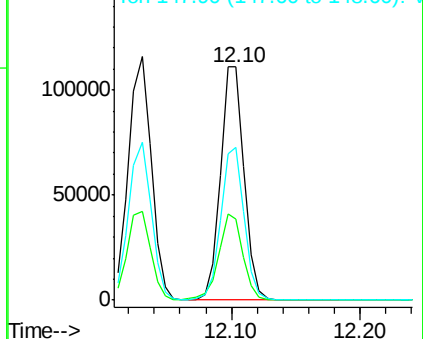
146 100

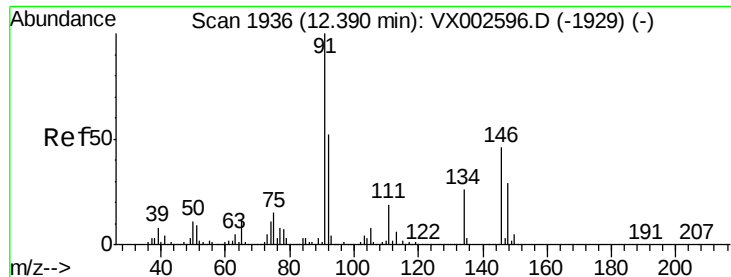
111 37.8 18.7 56.1

148 65.0 32.4 97.0



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





#89

n-Butylbenzene

Concen: 20.26 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002837.D

Acq: 22 Jun 2018 17:53

Instrument :

MSVOA_X

ClientSampled :

VX0622WBS02

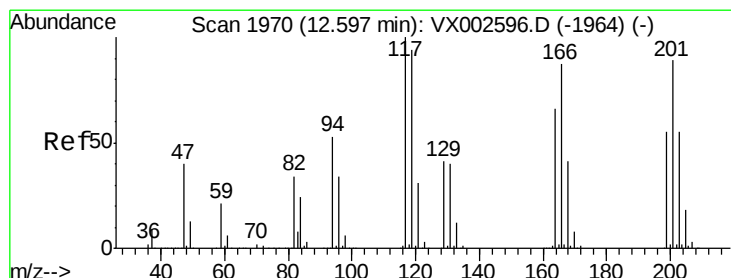
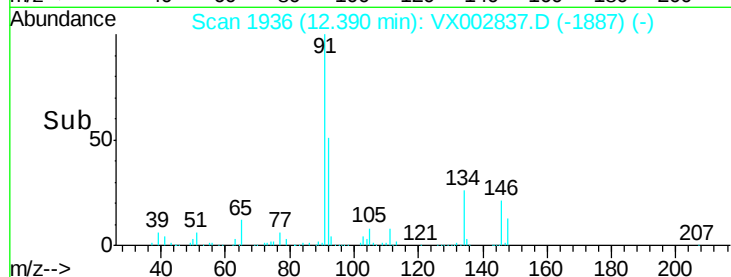
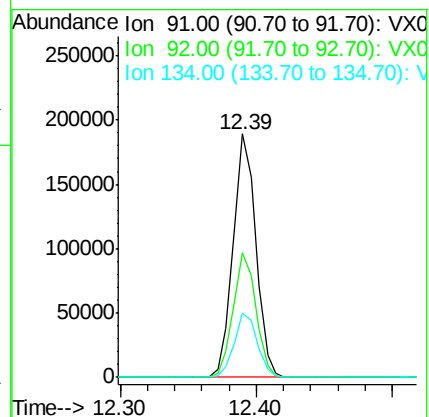
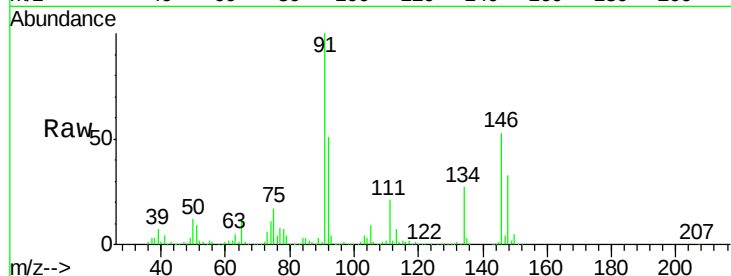
Tot Ion: 91 Resp: 219915

Ion Ratio Lower Upper

91 100

92 51.3 26.0 78.0

134 27.0 13.5 40.5



#90

Hexachloroethane

Concen: 20.03 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002837.D

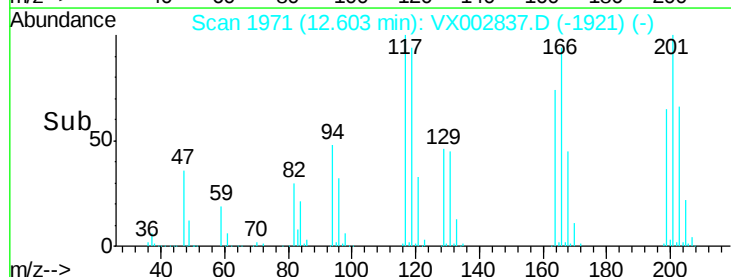
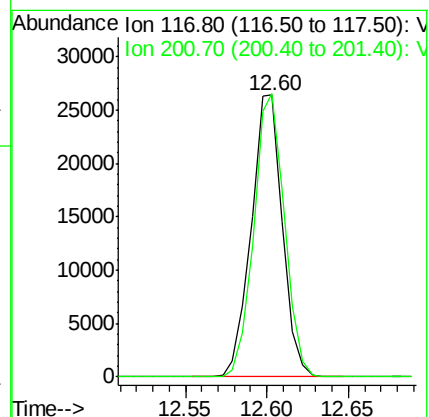
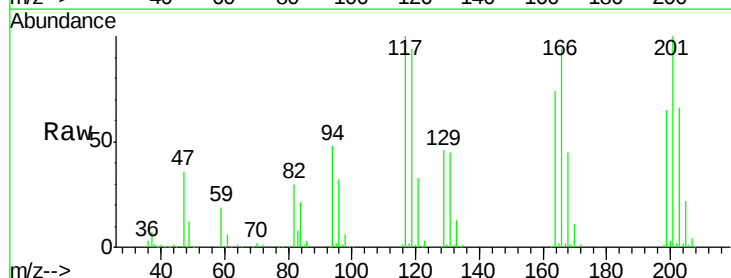
Acq: 22 Jun 2018 17:53

Tgt Ion: 117 Resp: 35235

Ion Ratio Lower Upper

117 100

201 98.1 49.0 147.0

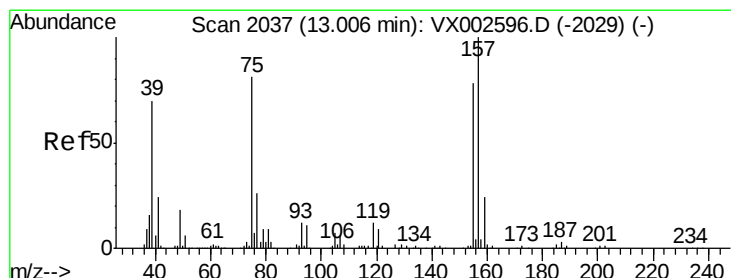
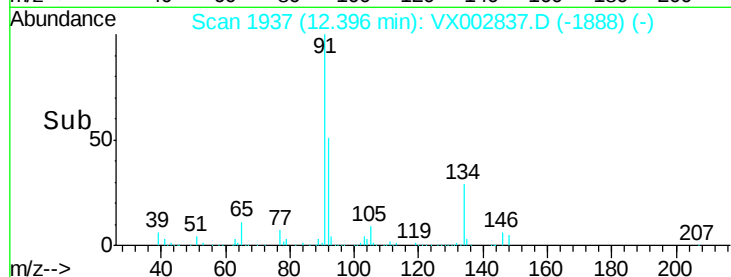
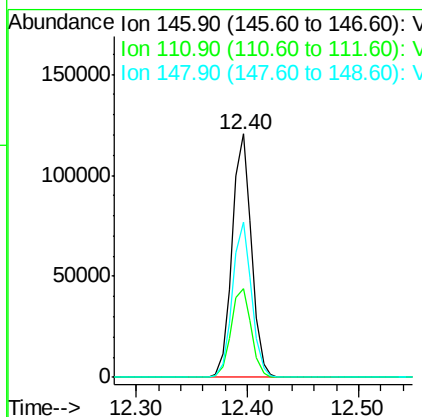
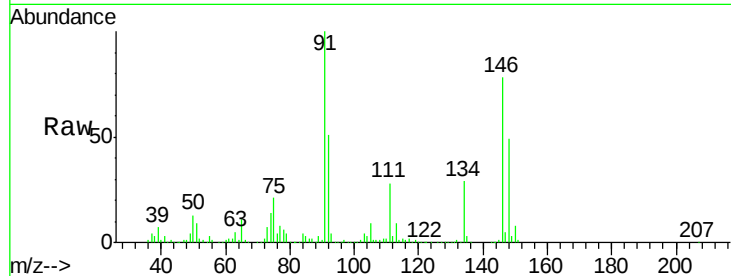




#91
 1,2-Dichlorobenzene
 Concen: 20.84 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

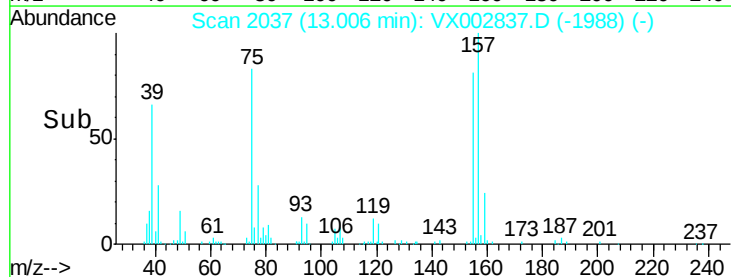
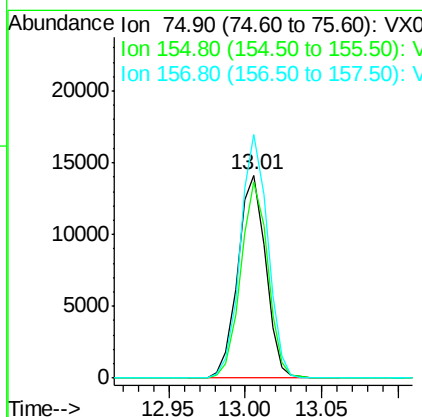
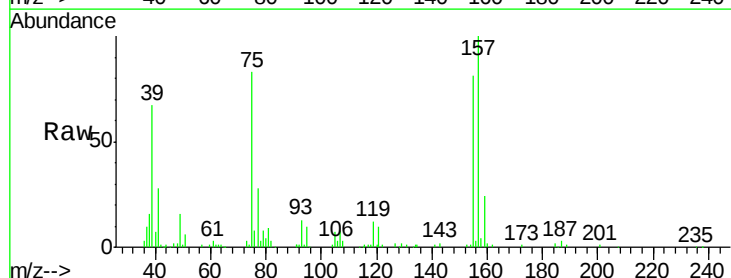
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

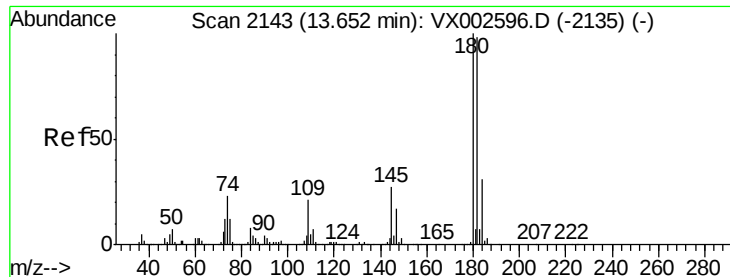
Tot Ion:146 Resp: 143970
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.1
 148 63.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.59 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion: 75 Resp: 17942
 Ion Ratio Lower Upper
 75 100
 155 93.5 45.8 137.4
 157 117.3 60.1 180.3

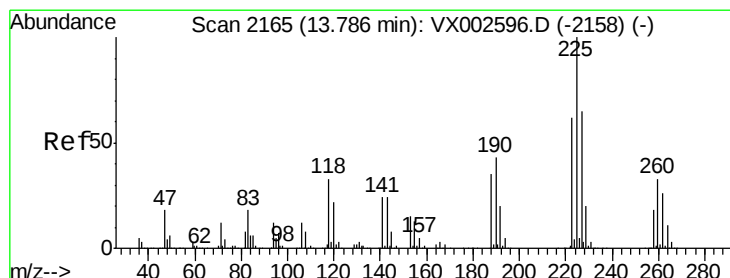
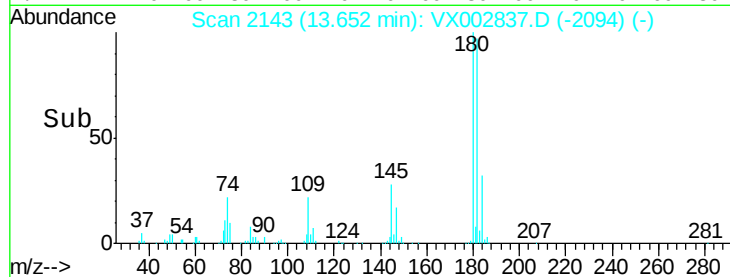
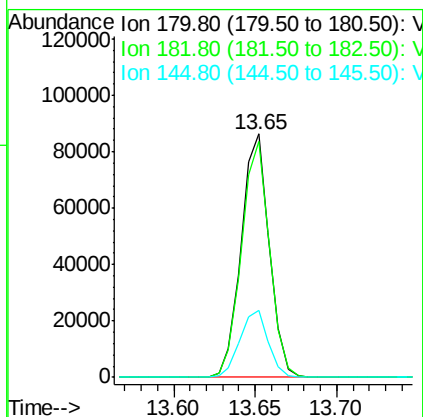
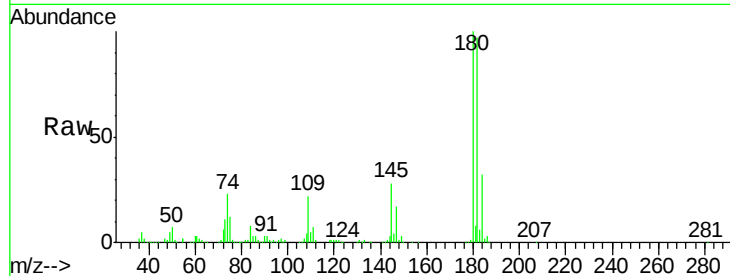




#93
 1,2,4-Trichlorobenzene
 Concen: 20.70 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

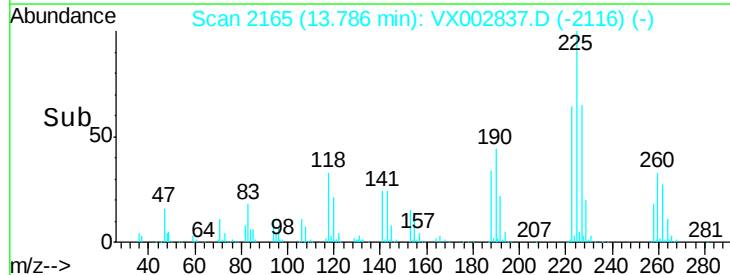
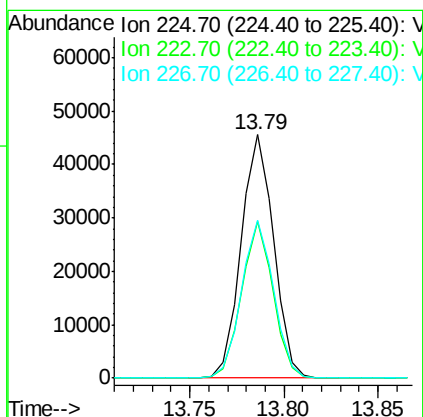
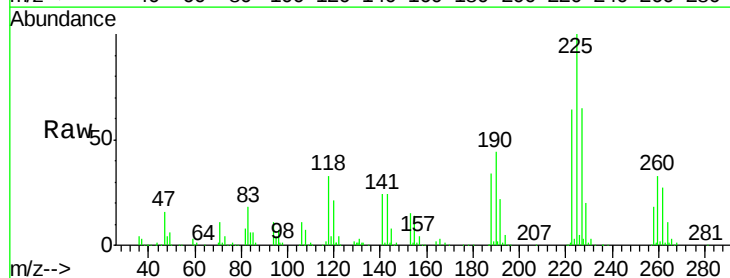
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS02

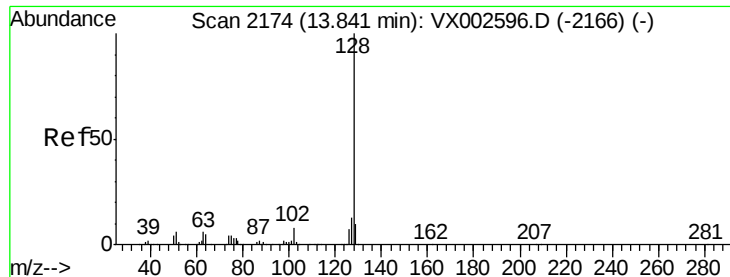
Tot Ion:180 Resp: 103821
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.7 143.1
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.61 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002837.D
 Acq: 22 Jun 2018 17:53

Tgt Ion:225 Resp: 54430
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 64.2 32.4 97.2

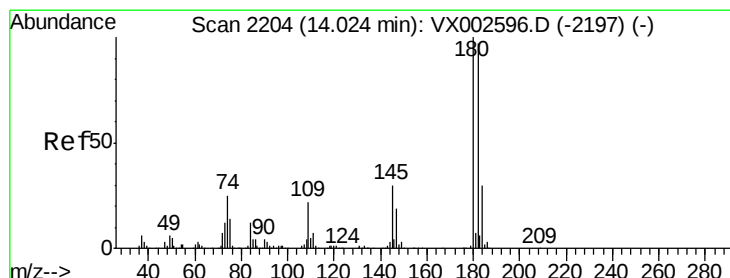
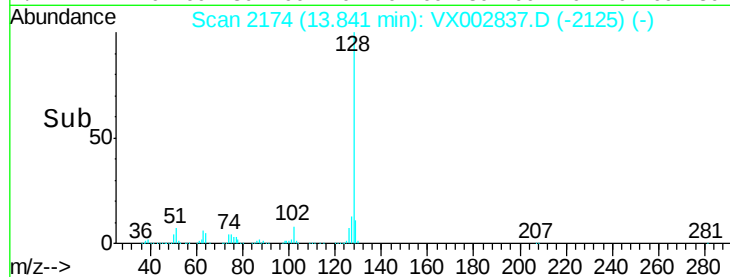
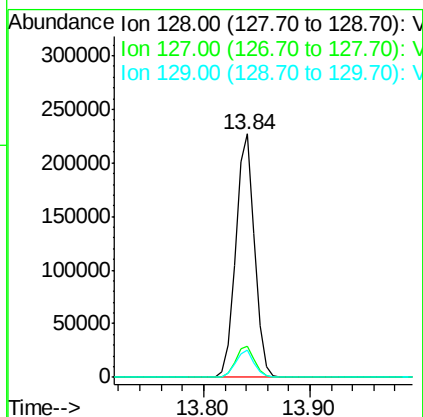
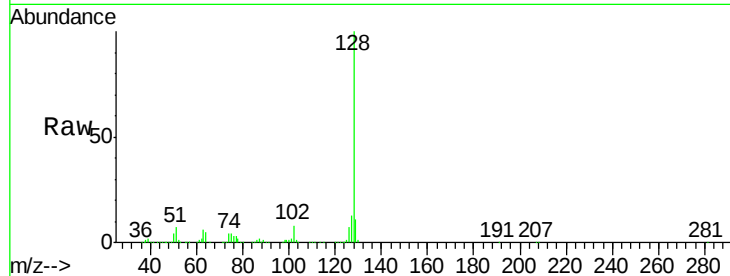




#95
Naphthalene
Concen: 20.72 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS02

Tot Ion:128 Resp: 279520
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.96 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002837.D
Acq: 22 Jun 2018 17:53

Tgt Ion:180 Resp: 105570
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.0
145 29.1 14.8 44.3

