

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002442.D
 Acq On : 11 Jun 2018 14:55
 Operator : JC/MD
 Sample : VX0611WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Quant Time: Jun 11 16:52:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	387655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240539	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	202126	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	5.51	113	155932	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.72	98	587368	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.14	95	222821	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	50130	17.57	ug/l	99
3) Chloromethane	1.32	50	57863	15.73	ug/l	99
4) Vinyl Chloride	1.41	62	66741	18.56	ug/l	99
5) Bromomethane	1.64	94	38542	16.72	ug/l	98
6) Chloroethane	1.73	64	45506	19.56	ug/l	98
7) Trichlorofluoromethane	1.93	101	113496	20.72	ug/l	98
8) Diethyl Ether	2.19	74	42212	20.26	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63688	21.54	ug/l	98
10) Methyl Iodide	2.51	142	55433	13.33	ug/l	99
11) Tert butyl alcohol	3.07	59	84822	93.02	ug/l	97
12) 1,1-Dichloroethene	2.37	96	56423	19.31	ug/l	98
13) Acrolein	2.30	56	35330	84.19	ug/l	99
14) Allyl chloride	2.73	41	115227	18.17	ug/l	98
15) Acrylonitrile	3.15	53	178707	101.22	ug/l	99
16) Acetone	2.45	43	205096	110.83	ug/l	99
17) Carbon Disulfide	2.57	76	129432	16.81	ug/l	98
18) Methyl Acetate	2.78	43	87570	20.69	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	222767	20.48	ug/l	100
20) Methylene Chloride	2.86	84	66266	19.68	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	61130	18.97	ug/l	96
22) Diisopropyl ether	3.88	45	205577	18.47	ug/l	99
23) Vinyl Acetate	3.83	43	889549	86.54	ug/l	100
24) 1,1-Dichloroethane	3.70	63	123276	19.67	ug/l	99
25) 2-Butanone	4.71	43	247198	91.86	ug/l	99
26) 2,2-Dichloropropane	4.59	77	86421	17.64	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61423	17.53	ug/l	98
28) Bromochloromethane	5.03	49	63681	21.89	ug/l	100
29) Tetrahydrofuran	5.17	42	150604	86.80	ug/l	99
30) Chloroform	5.22	83	110526	18.28	ug/l	97
31) Cyclohexane	5.58	56	90089	18.18	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	95353	18.59	ug/l	100
36) 1,1-Dichloropropene	5.81	75	77668	18.42	ug/l	99
37) Ethyl Acetate	4.87	43	94552	18.65	ug/l	100
38) Carbon Tetrachloride	5.79	117	81324	18.44	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Quant Time: Jun 11 16:52:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93235	18.07	ug/l	99
40) Benzene	6.15	78	233044	18.03	ug/l	99
41) Methacrylonitrile	5.07	41	52112	17.95	ug/l	98
42) 1,2-Dichloroethane	6.20	62	94851	18.47	ug/l	100
43) Isopropyl Acetate	6.47	43	153668	17.84	ug/l	99
44) Trichloroethene	7.22	130	65387	18.22	ug/l	99
45) 1,2-Dichloropropane	7.52	63	64247	18.41	ug/l	97
46) Dibromomethane	7.66	93	42943	18.15	ug/l	98
47) Bromodichloromethane	7.90	83	77602	18.14	ug/l	100
48) Methyl methacrylate	7.78	41	78347	18.11	ug/l	100
49) 1,4-Dioxane	7.76	88	30175	373.05	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	502151	93.63	ug/l	99
52) Toluene	8.79	92	154005	18.73	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	91341	17.80	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	84484	17.45	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63466	18.77	ug/l	98
56) Ethyl methacrylate	9.19	69	96820	17.93	ug/l	99
57) 1,3-Dichloropropane	9.38	76	106202	18.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	250130	100.10	ug/l	99
59) 2-Hexanone	9.50	43	390062	94.16	ug/l	100
60) Dibromochloromethane	9.59	129	62207	18.29	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65387	18.54	ug/l	99
64) Tetrachloroethene	9.34	164	70076	17.53	ug/l	97
65) Chlorobenzene	10.14	112	177403	18.39	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	62835	17.99	ug/l	98
67) Ethyl Benzene	10.26	91	301297	18.66	ug/l	98
68) m/p-Xylenes	10.36	106	234453	37.36	ug/l	98
69) o-Xylene	10.70	106	114075	18.27	ug/l	100
70) Styrene	10.71	104	190018	18.61	ug/l	99
71) Bromoform	10.86	173	45328	16.95	ug/l #	99
73) Isopropylbenzene	11.02	105	313930	18.76	ug/l	99
74) N-amyl acetate	6.47	43	153668	17.04	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94892	18.03	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	108169	20.49	ug/l	80
77) Bromobenzene	11.26	156	83769	17.83	ug/l	99
78) n-propylbenzene	11.37	91	359642	19.34	ug/l	99
79) 2-Chlorotoluene	11.43	91	210192	17.90	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	263455	18.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23898	15.87	ug/l	92
82) 4-Chlorotoluene	11.51	91	250406	18.47	ug/l	100
83) tert-Butylbenzene	11.77	119	264007	18.89	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	272991	18.48	ug/l	99
85) sec-Butylbenzene	11.95	105	319537	19.50	ug/l	99
86) p-Isopropyltoluene	12.07	119	290436	19.46	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	153309	18.25	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	158521	18.31	ug/l	100
89) n-Butylbenzene	12.39	91	252791	20.20	ug/l	99
90) Hexachloroethane	12.60	117	41086	17.25	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	156691	18.03	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19588	17.02	ug/l	98

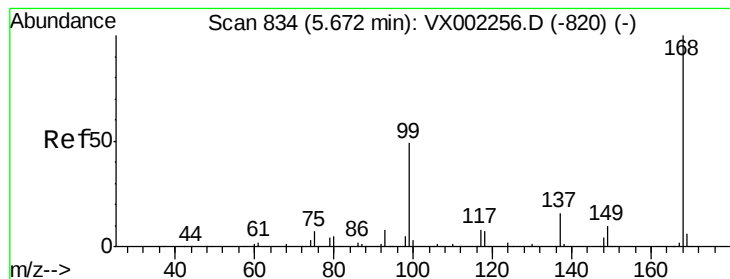
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
Data File : VX002442.D
Acq On : 11 Jun 2018 14:55
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MSVOA_X
ClientSampleId :
VX0611WBSD01

Quant Time: Jun 11 16:52:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115181	18.90	ug/l	100
94) Hexachlorobutadiene	13.79	225	60423	20.07	ug/l	99
95) Naphthalene	13.84	128	326593	18.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116568	18.76	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

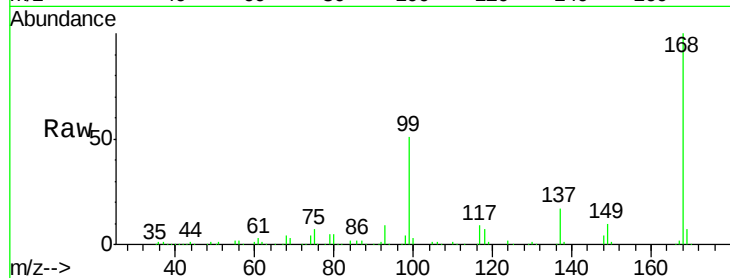
VX0611WBSD01

Tot Ion:168 Resp: 274470

Ion Ratio Lower Upper

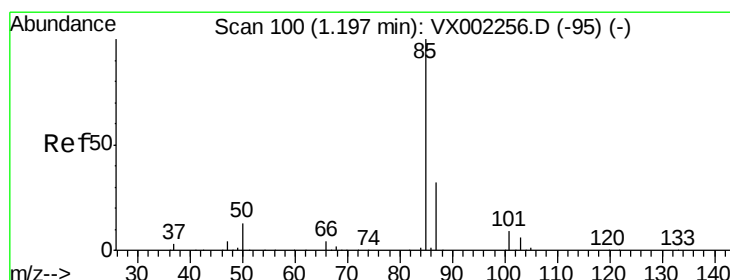
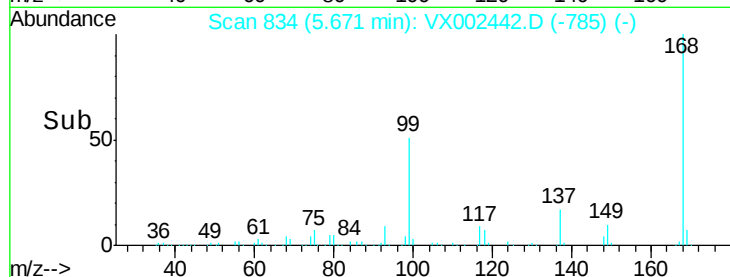
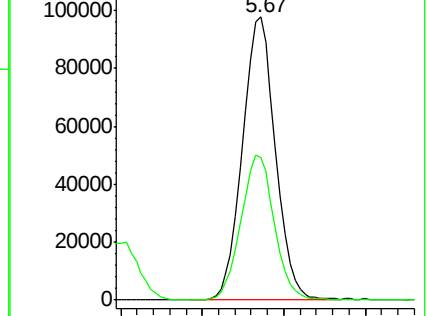
168 100

99 50.5 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: 17.57 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002442.D

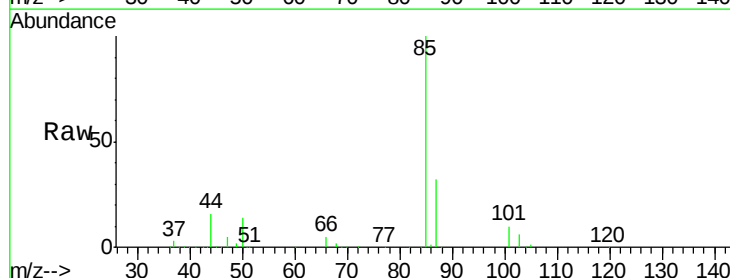
Acq: 11 Jun 2018 14:55

Tgt Ion: 85 Resp: 50130

Ion Ratio Lower Upper

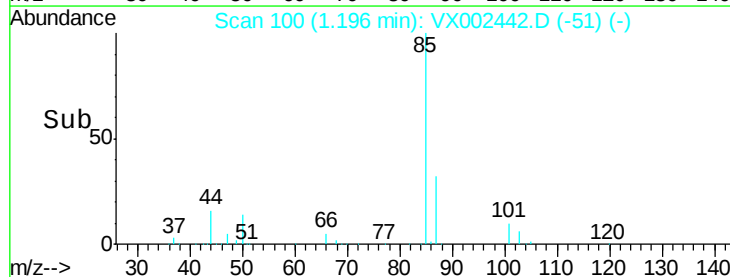
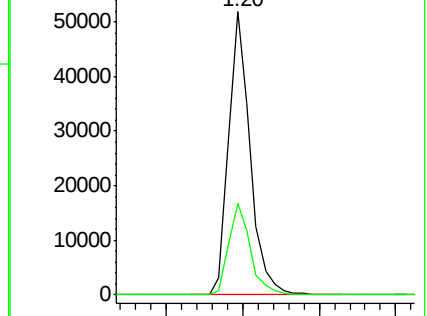
85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.73 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

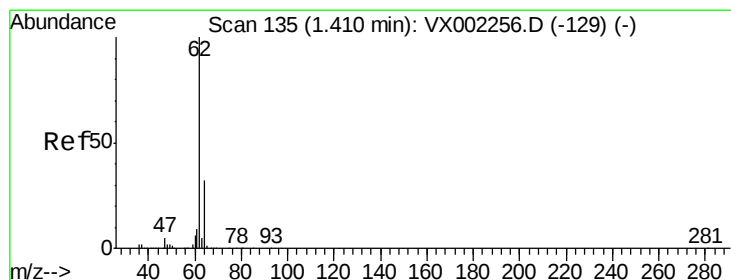
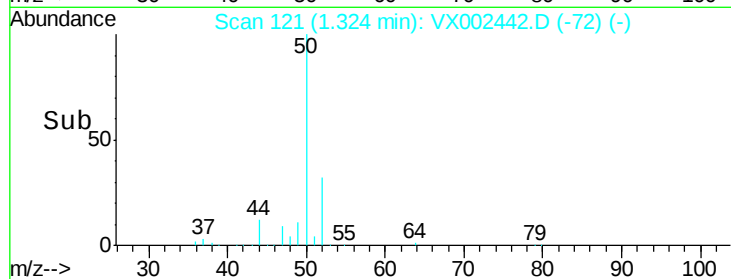
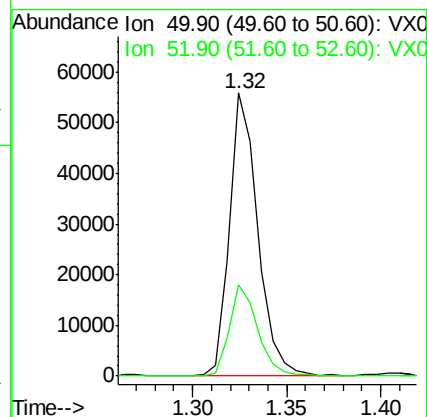
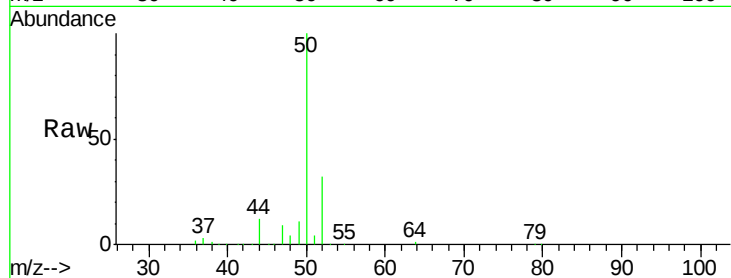
VX0611WBSD01

Tot Ion: 50 Resp: 57863

Ion Ratio Lower Upper

50 100

52 32.5 25.7 38.5



#4

Vinyl Chloride

Concen: 18.56 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002442.D

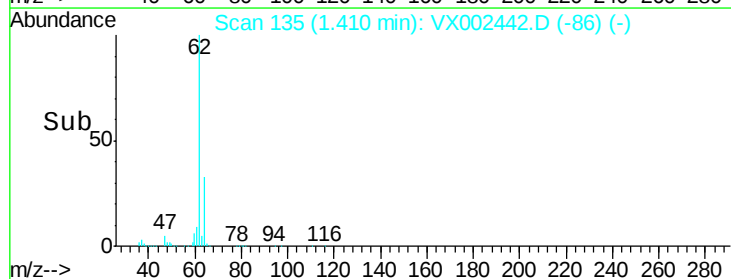
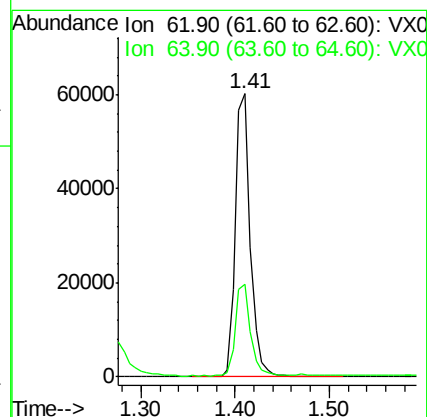
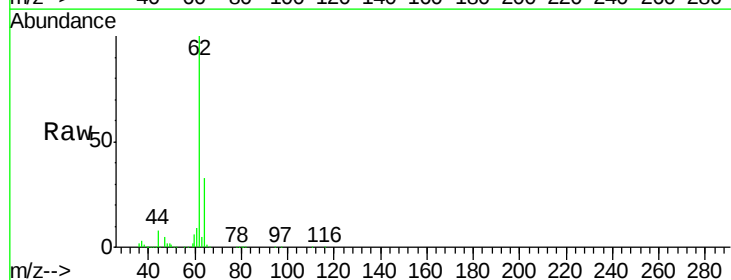
Acq: 11 Jun 2018 14:55

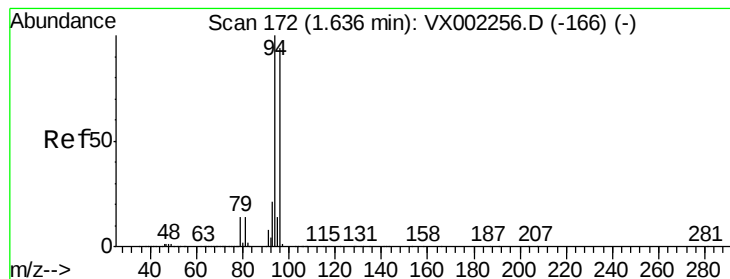
Tgt Ion: 62 Resp: 66741

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 16.72 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

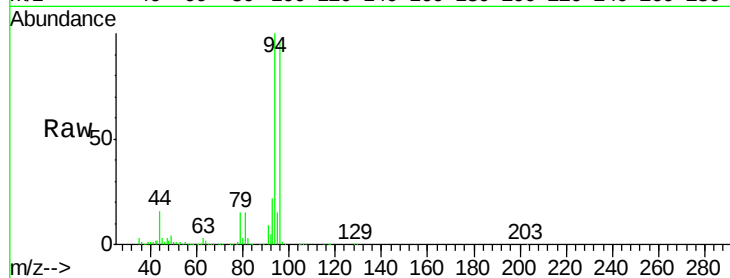
VX0611WBSD01

Tot Ion: 94 Resp: 38542

Ion Ratio Lower Upper

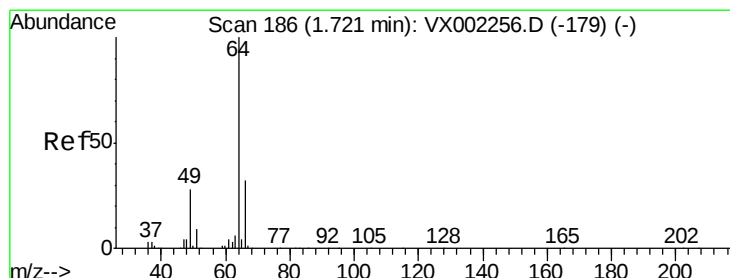
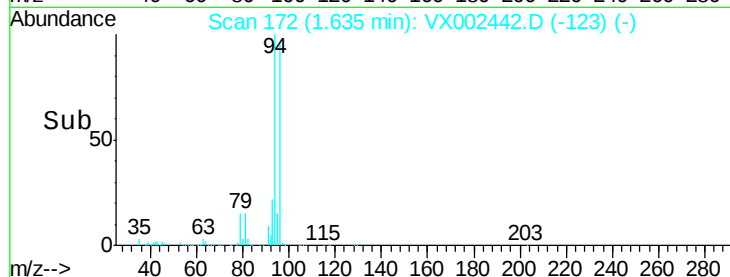
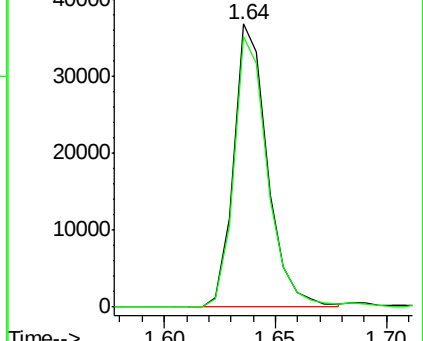
94 100

96 95.8 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: 19.56 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002442.D

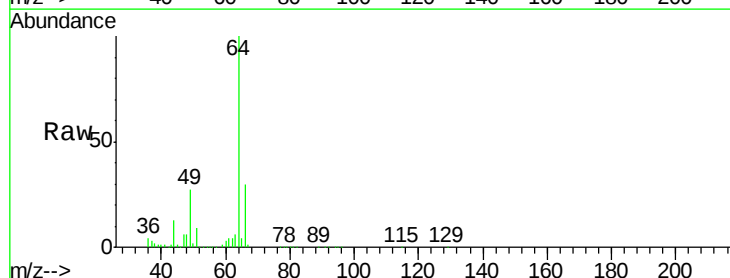
Acq: 11 Jun 2018 14:55

Tgt Ion: 64 Resp: 45506

Ion Ratio Lower Upper

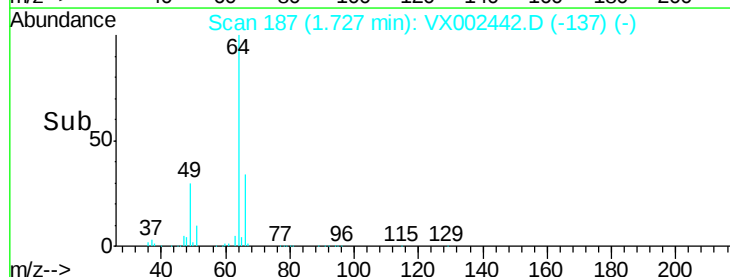
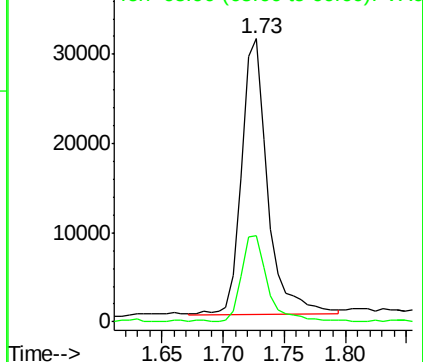
64 100

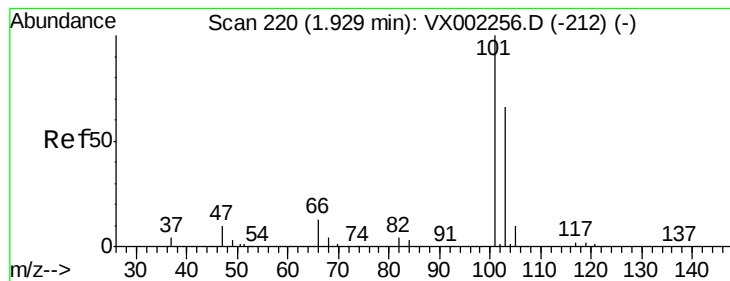
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



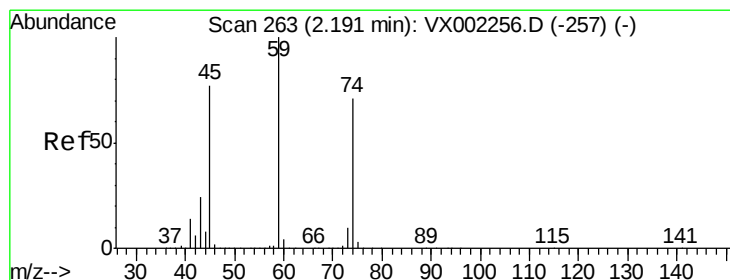
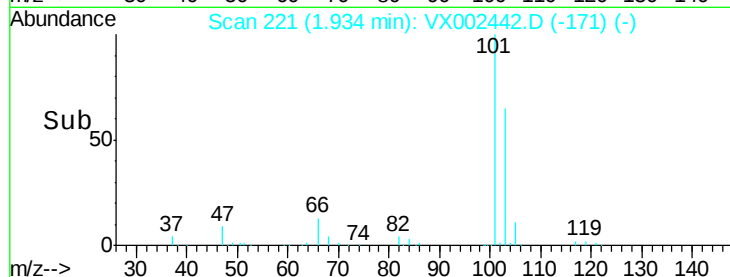
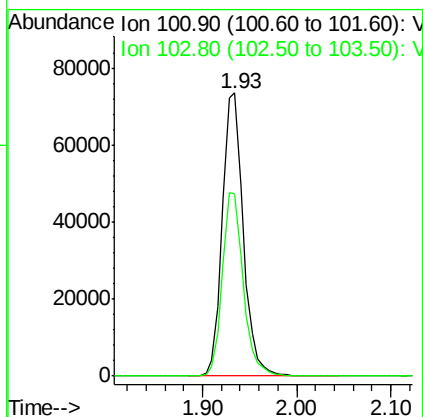
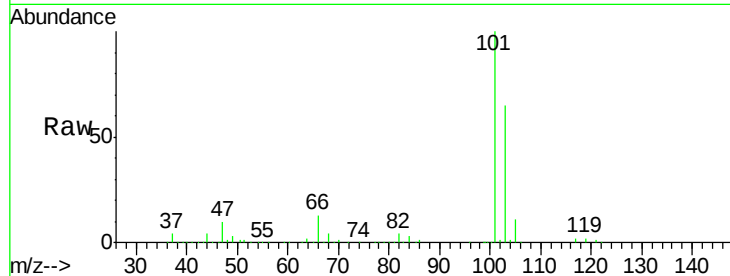


#7

Trichlorofluoromethane
 Concen: 20.72 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

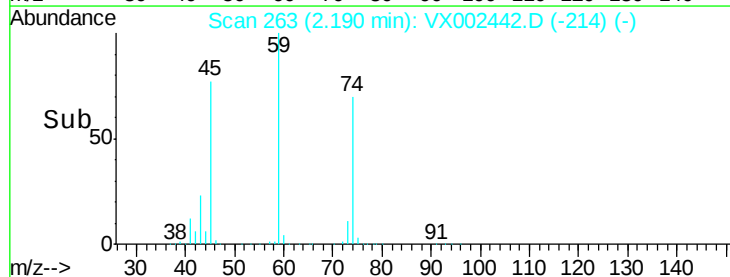
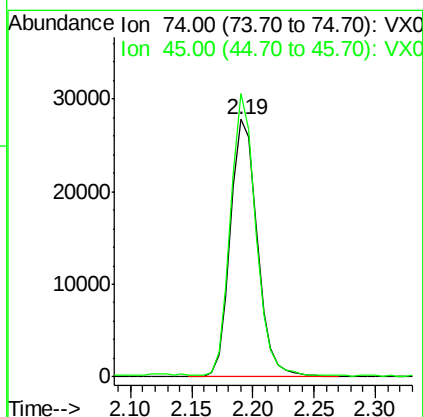
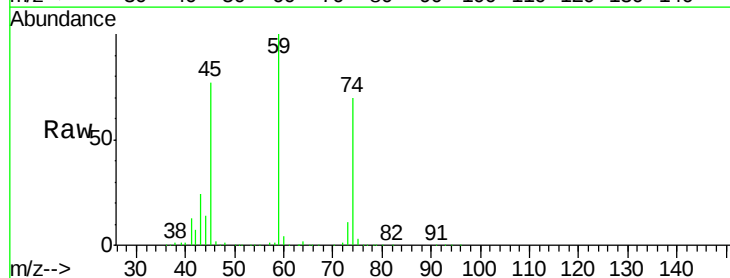
Tot Ion:101 Resp: 113496
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.8 79.2

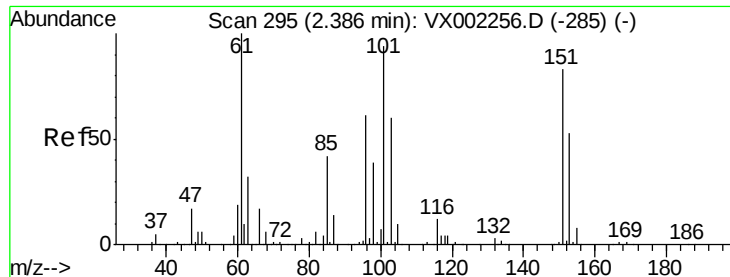


#8

Diethyl Ether
 Concen: 20.26 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Tgt Ion: 74 Resp: 42212
 Ion Ratio Lower Upper
 74 100
 45 102.8 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.54 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

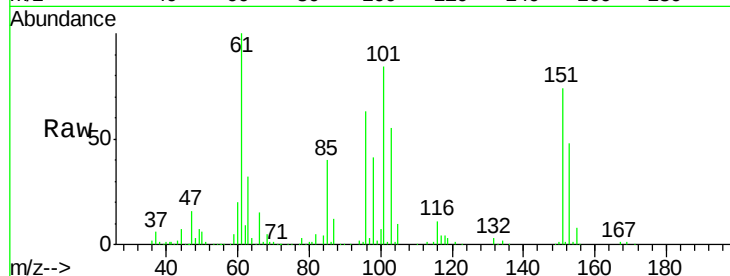
Tot Ion:101 Resp: 63688

Ion Ratio Lower Upper

101 100

85 46.2 36.0 54.0

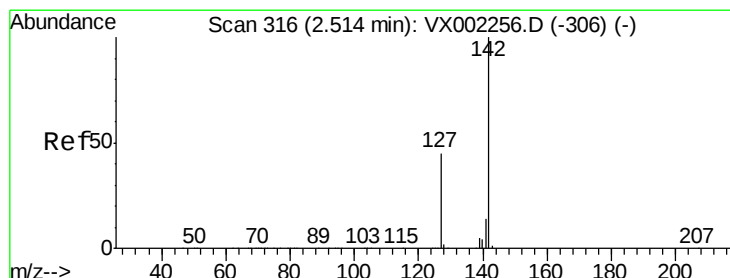
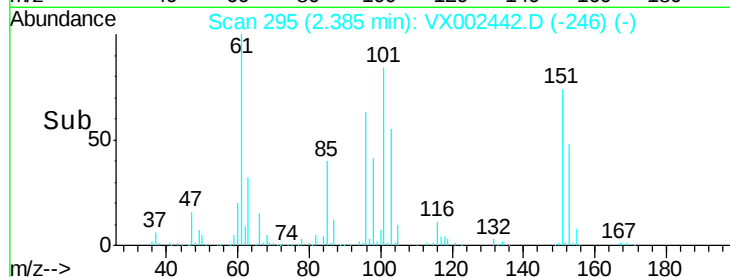
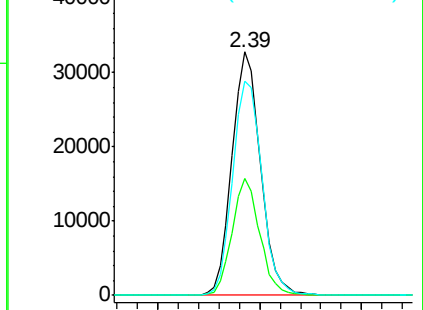
151 90.1 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.33 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

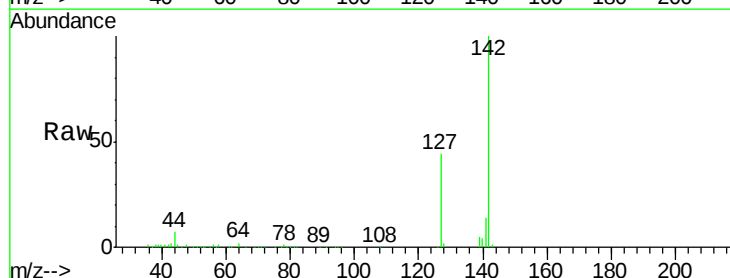
Tgt Ion:142 Resp: 55433

Ion Ratio Lower Upper

142 100

127 45.5 36.6 55.0

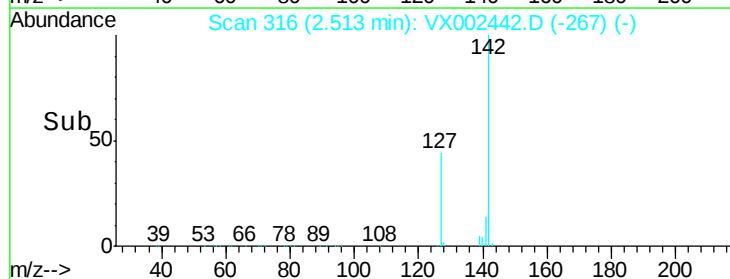
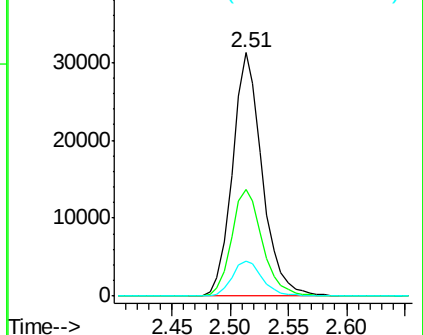
141 14.7 11.3 16.9

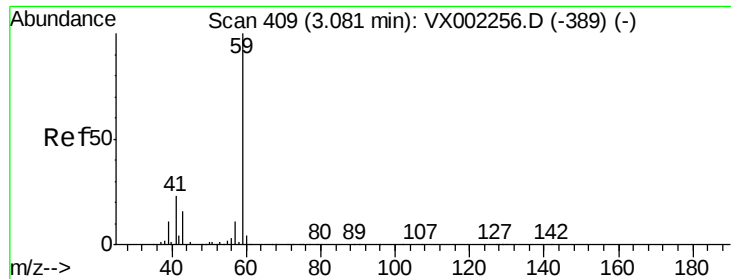


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



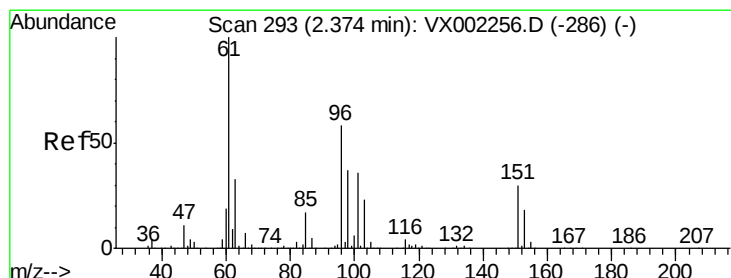
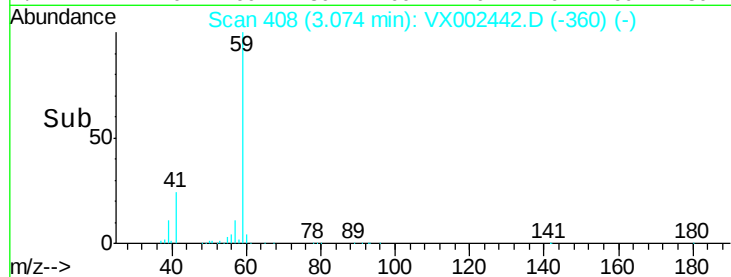
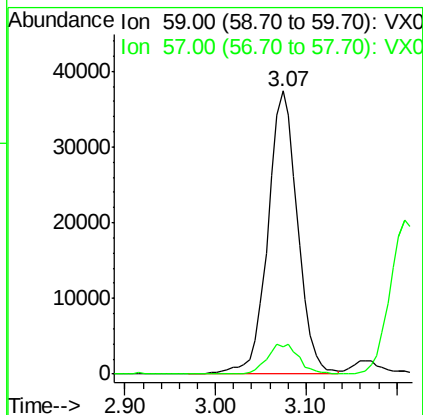
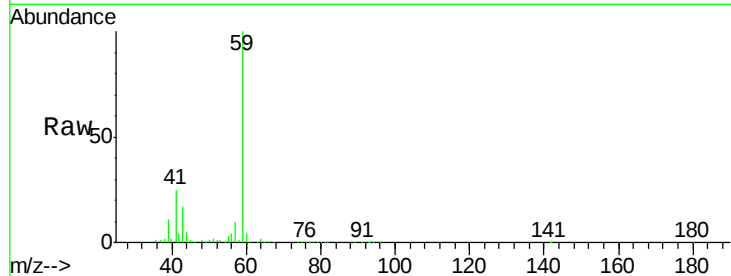


#11

Tert butyl alcohol
 Concen: 93.02 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

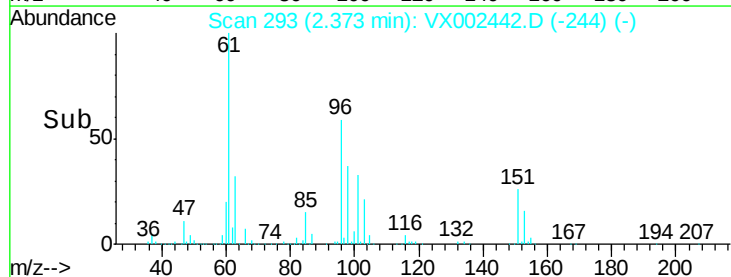
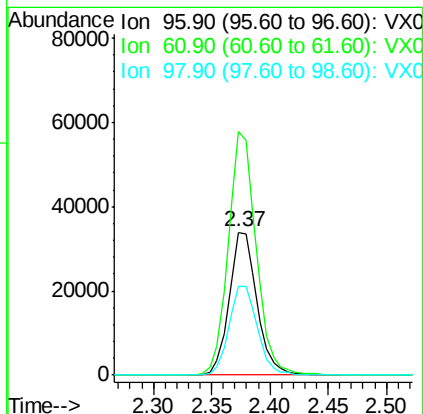
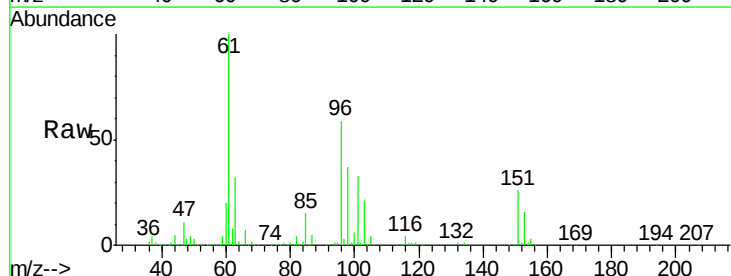
Tot Ion: 59 Resp: 84822
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.2 12.2

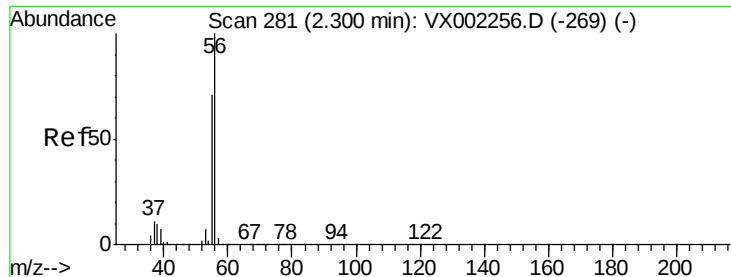


#12

1,1-Dichloroethene
 Concen: 19.31 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Tgt Ion: 96 Resp: 56423
 Ion Ratio Lower Upper
 96 100
 61 170.3 137.9 206.9
 98 62.2 51.6 77.4





#13

Acrolein

Concen: 84.19 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

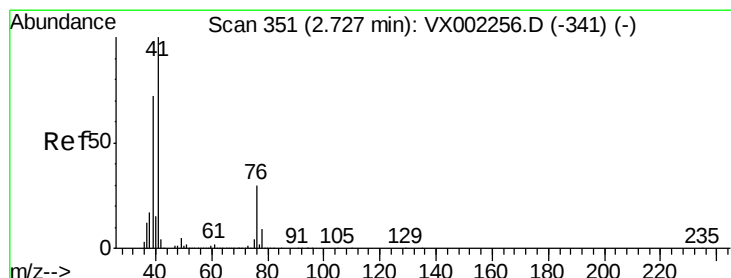
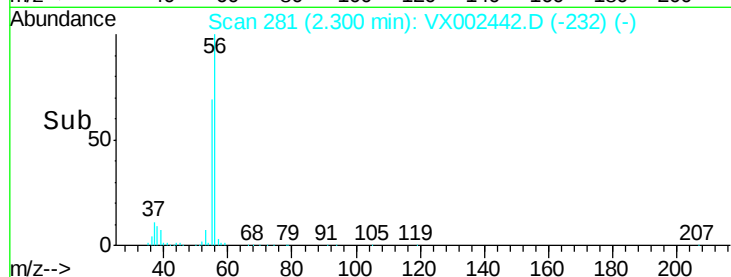
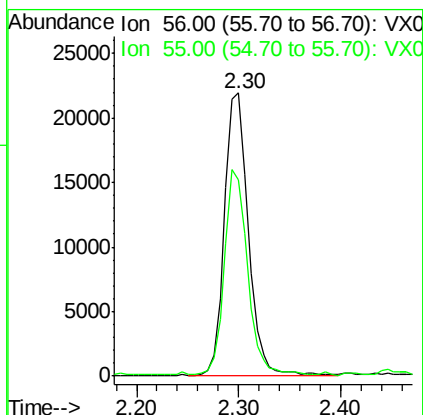
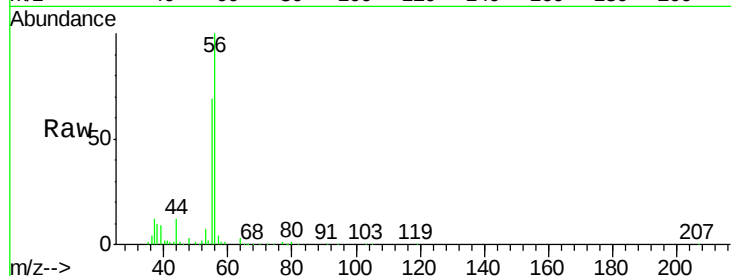
VX0611WBSD01

Tot Ion: 56 Resp: 35330

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 18.17 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

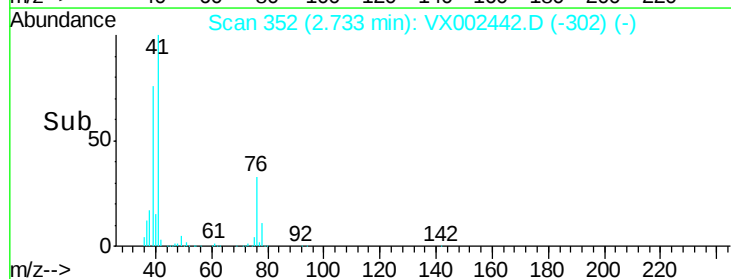
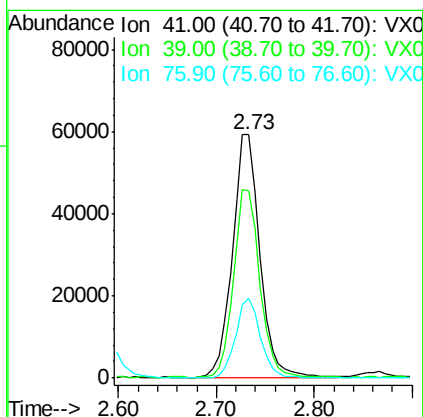
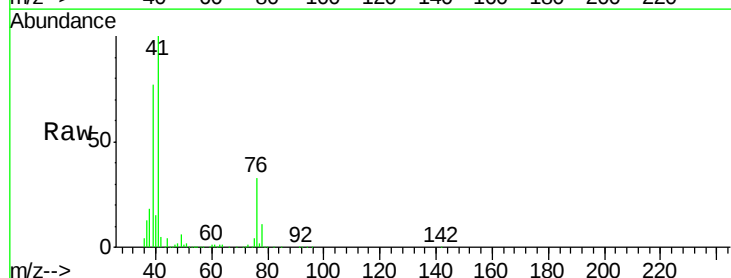
Tgt Ion: 41 Resp: 115227

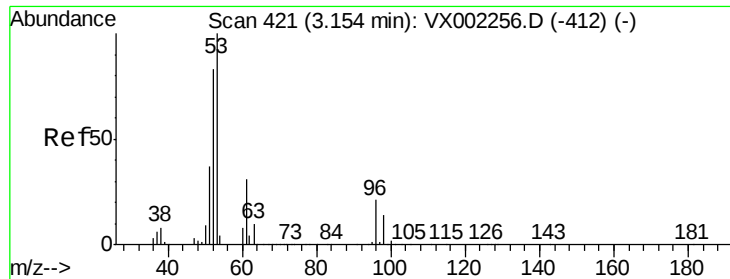
Ion Ratio Lower Upper

41 100

39 73.6 56.8 85.2

76 30.2 23.8 35.8

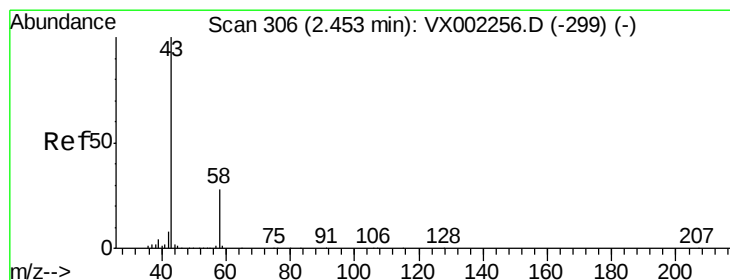
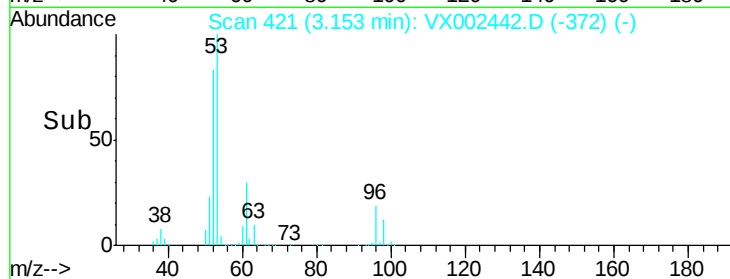
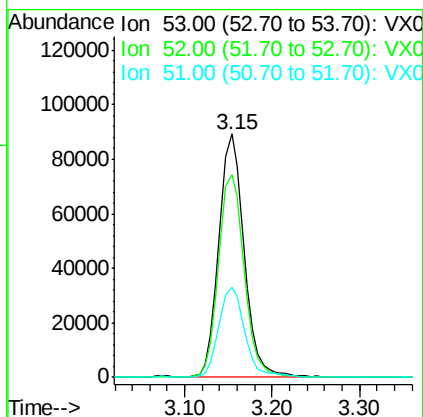
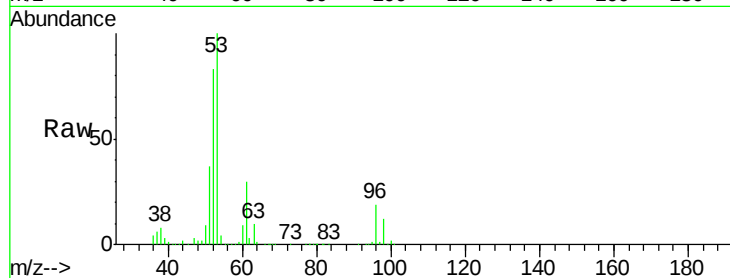




#15
 Acrylonitrile
 Concen: 101.22 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

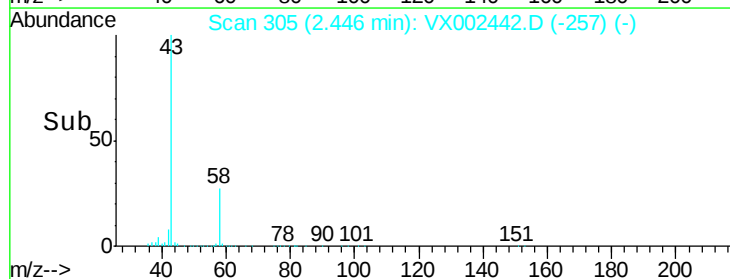
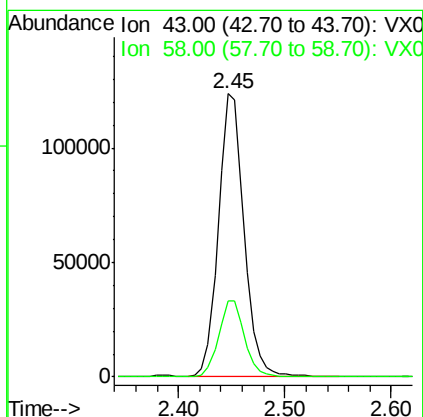
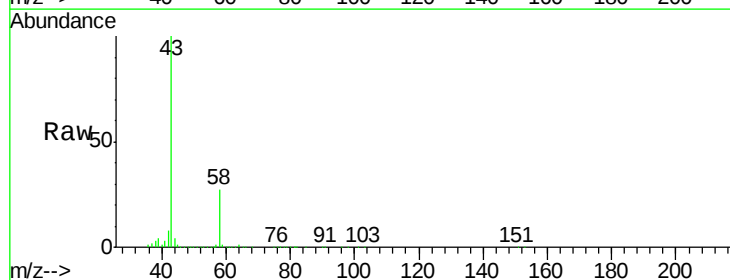
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

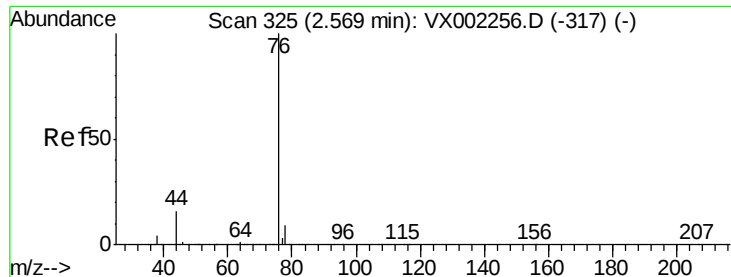
Tot Ion: 53 Resp: 178707
 Ion Ratio Lower Upper
 53 100
 52 84.4 66.7 100.1
 51 38.0 29.9 44.9



#16
 Acetone
 Concen: 110.83 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Tgt Ion: 43 Resp: 205096
 Ion Ratio Lower Upper
 43 100
 58 27.0 22.1 33.1

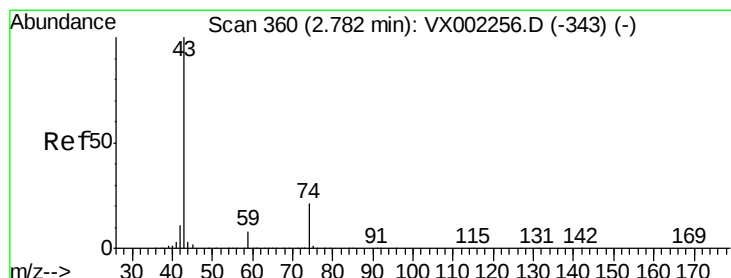
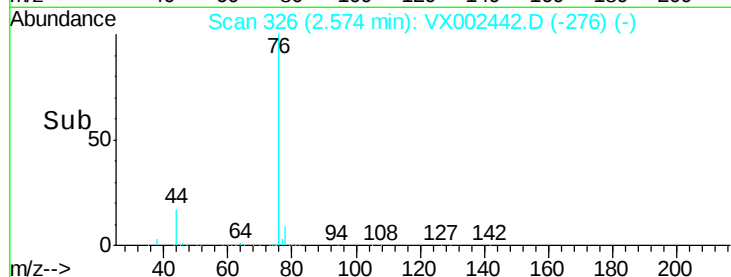
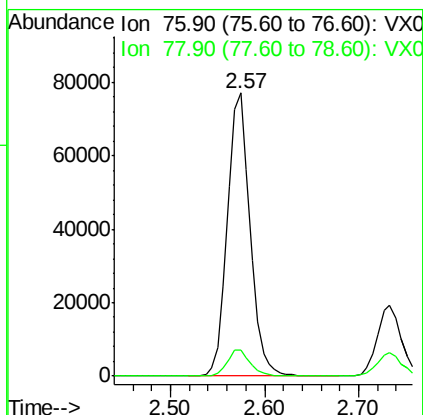
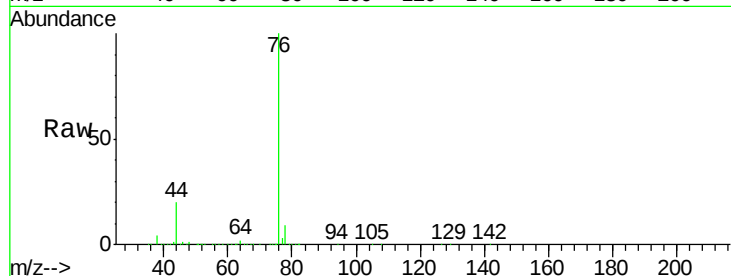




#17
Carbon Disulfide
Concen: 16.81 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

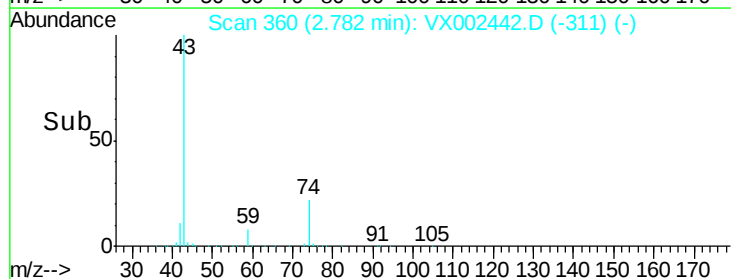
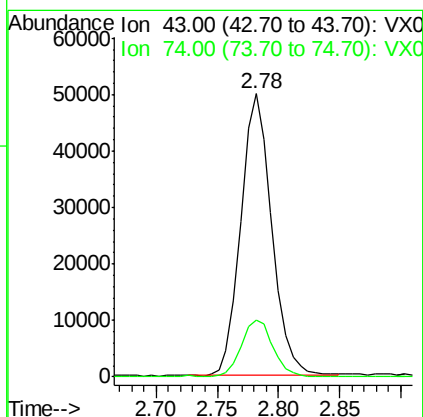
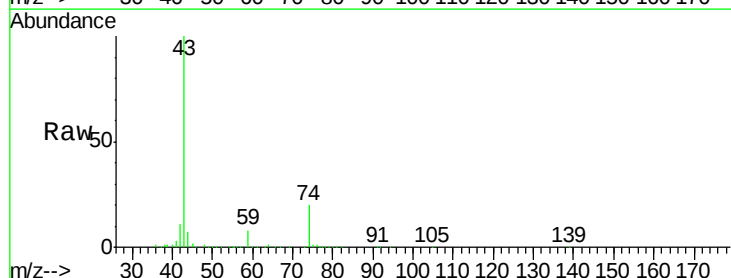
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

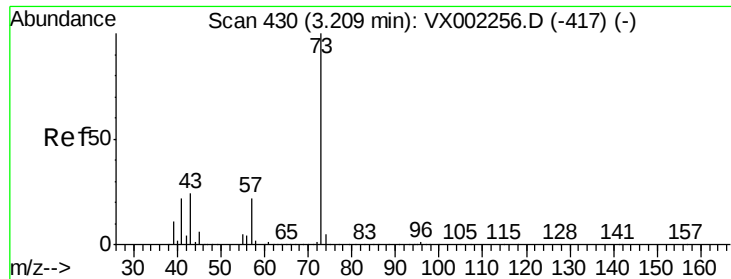
Tot Ion: 76 Resp: 129432
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 20.69 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion: 43 Resp: 87570
Ion Ratio Lower Upper
43 100
74 21.1 16.7 25.1

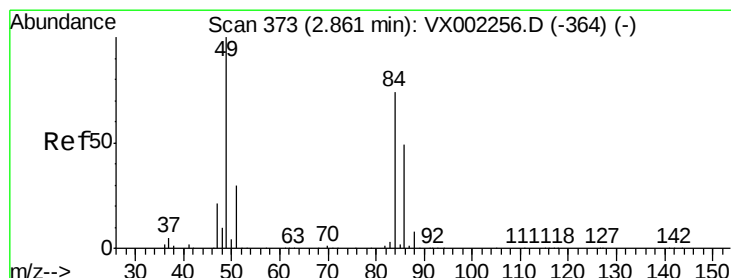
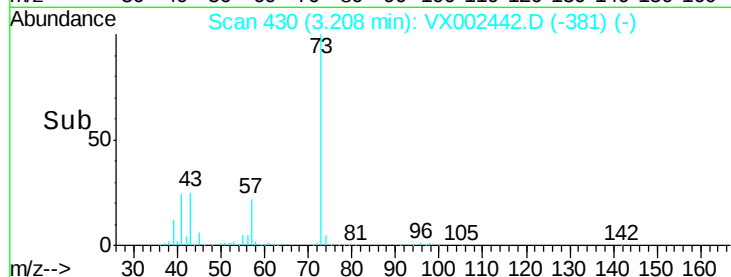
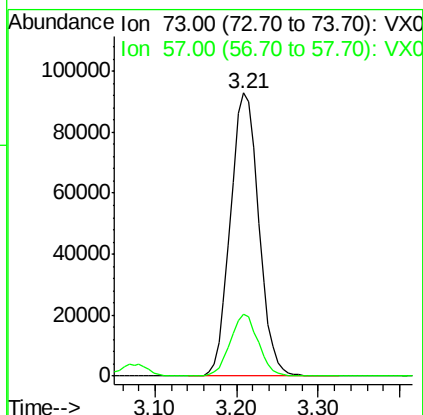
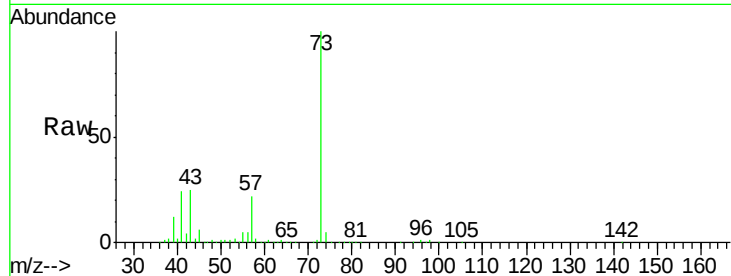




#19
Methyl tert-butyl Ether
Concen: 20.48 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

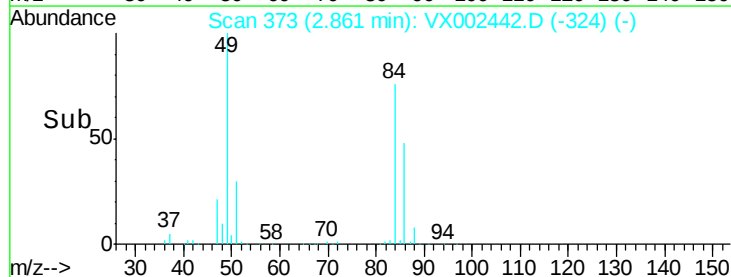
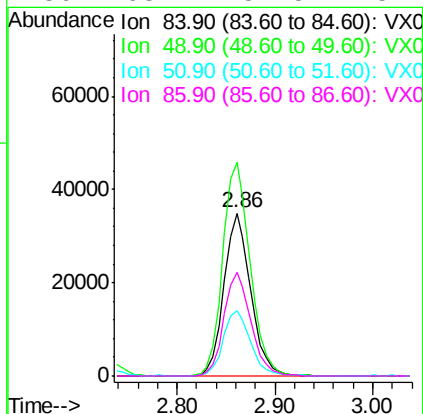
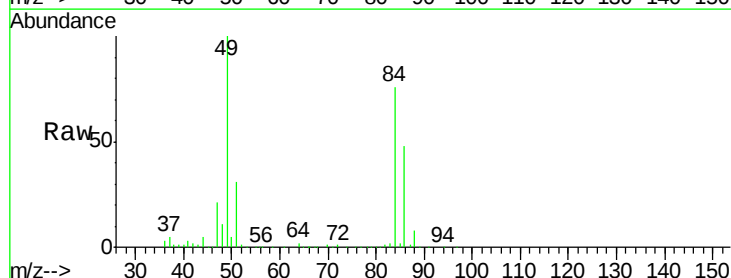
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

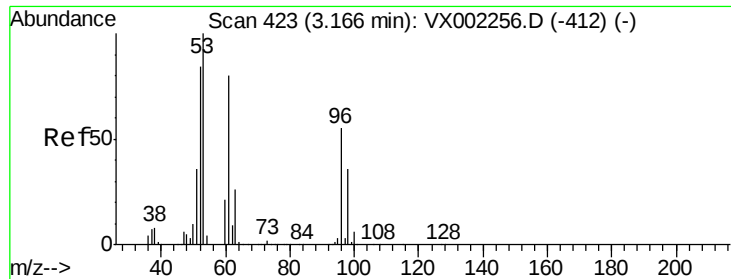
Tot Ion: 73 Resp: 222767
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 19.68 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion: 84 Resp: 66266
Ion Ratio Lower Upper
84 100
49 131.0 107.8 161.6
51 39.7 32.8 49.2
86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.97 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

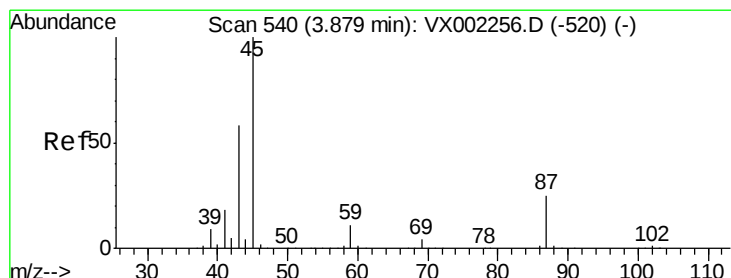
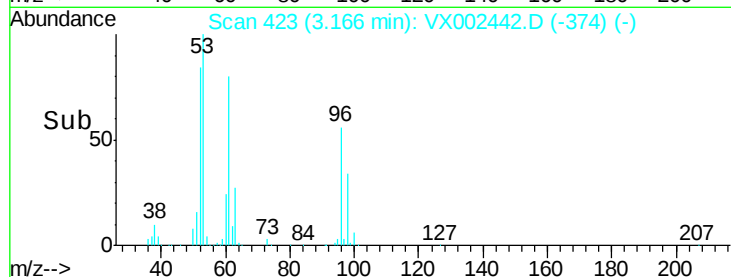
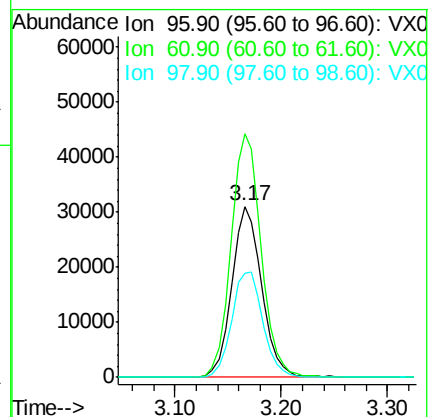
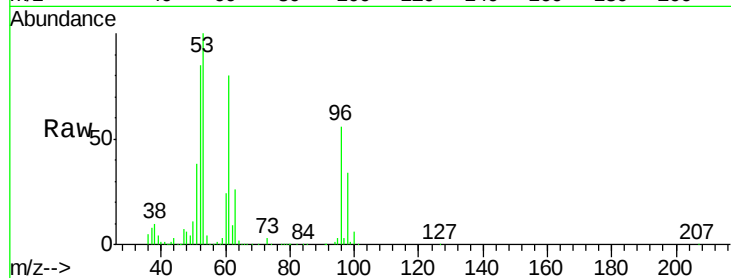
Tot Ion: 96 Resp: 61130

Ion Ratio Lower Upper

96 100

61 141.9 117.0 175.4

98 60.8 52.4 78.6



#22

Diisopropyl ether

Concen: 18.47 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Tgt Ion: 45 Resp: 205577

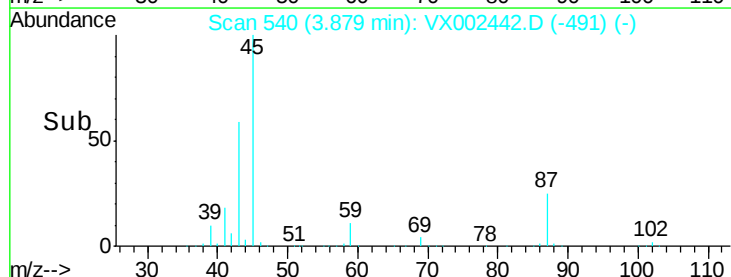
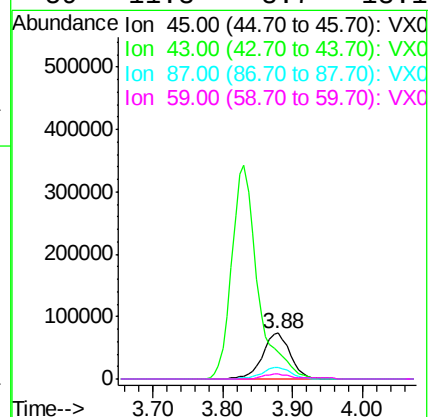
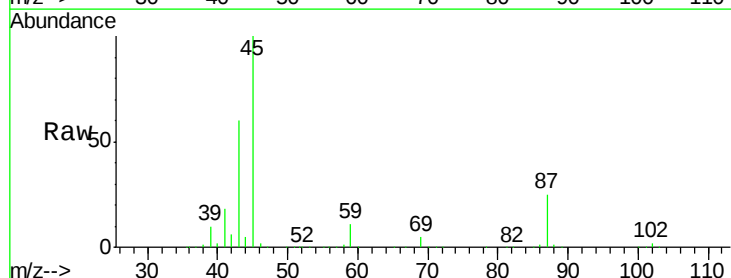
Ion Ratio Lower Upper

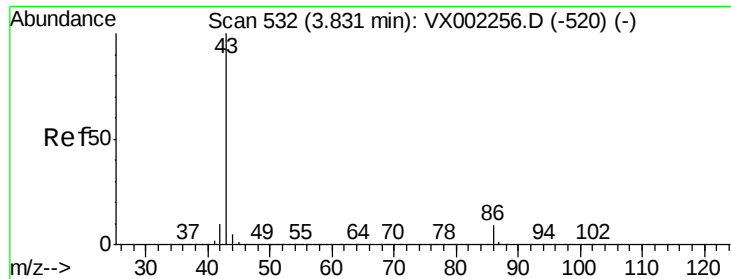
45 100

43 59.3 46.8 70.2

87 25.0 20.2 30.4

59 11.3 8.7 13.1





#23

Vinyl Acetate

Concen: 86.54 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

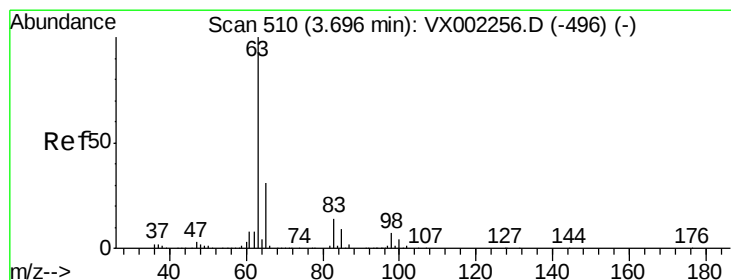
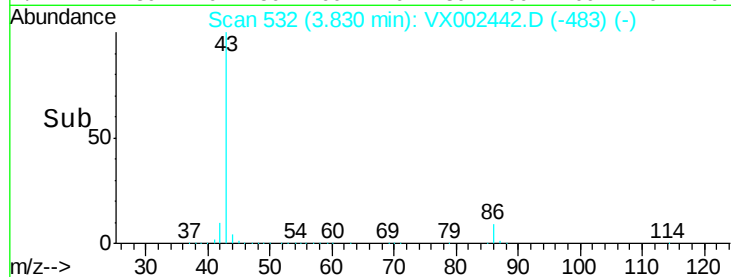
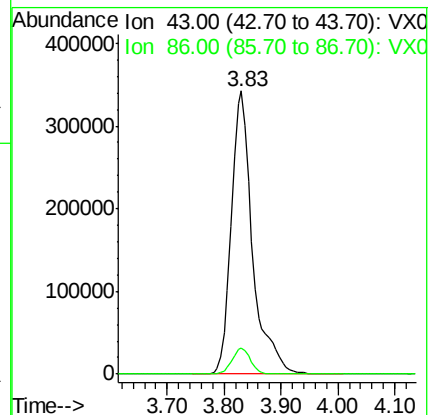
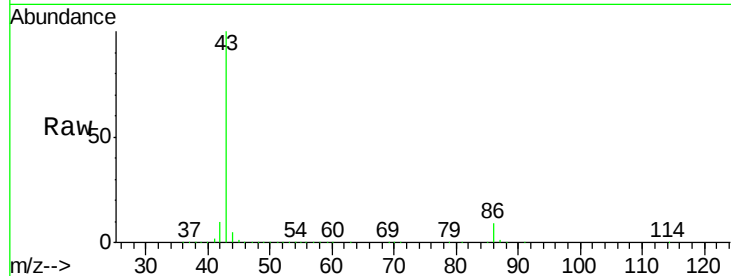
VX0611WBSD01

Tot Ion: 43 Resp: 889549

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



#24

1,1-Dichloroethane

Concen: 19.67 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

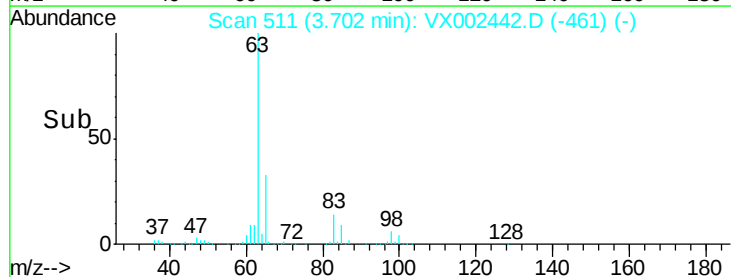
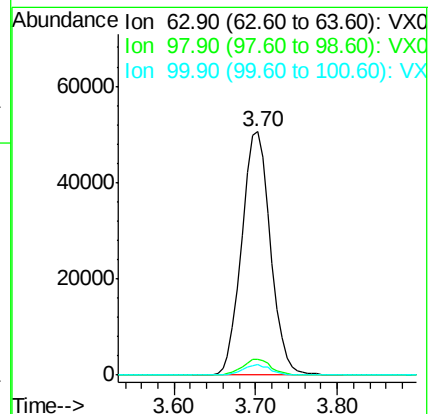
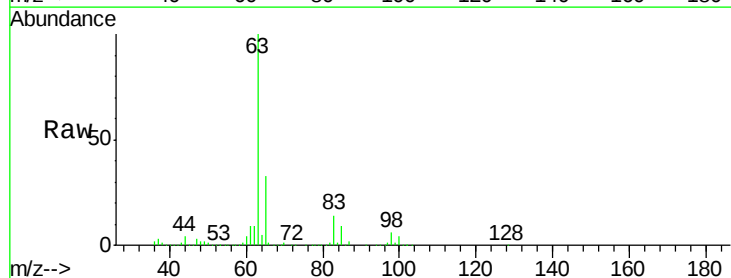
Tgt Ion: 63 Resp: 123276

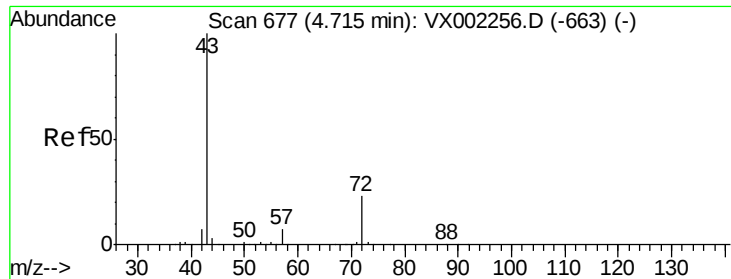
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 91.86 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

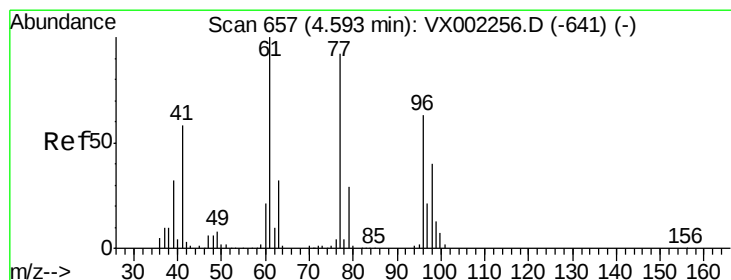
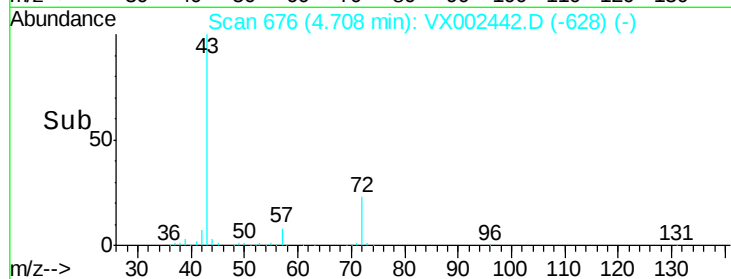
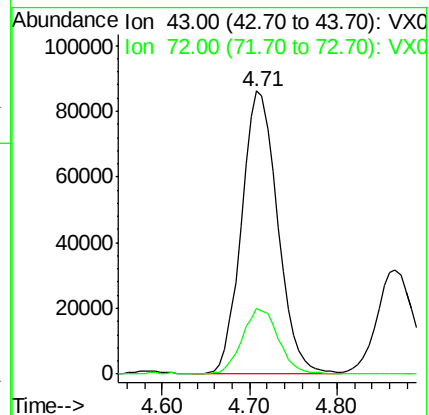
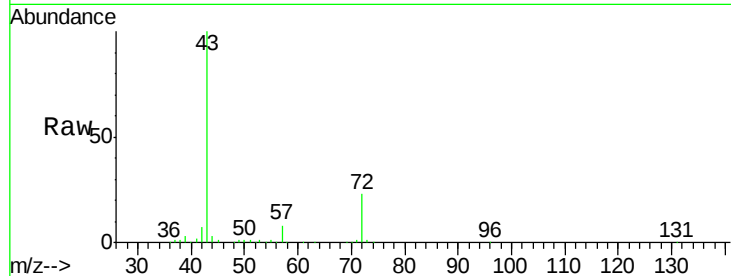
VX0611WBSD01

Tot Ion: 43 Resp: 247198

Ion Ratio Lower Upper

43 100

72 23.4 18.5 27.7



#26

2,2-Dichloropropane

Concen: 17.64 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002442.D

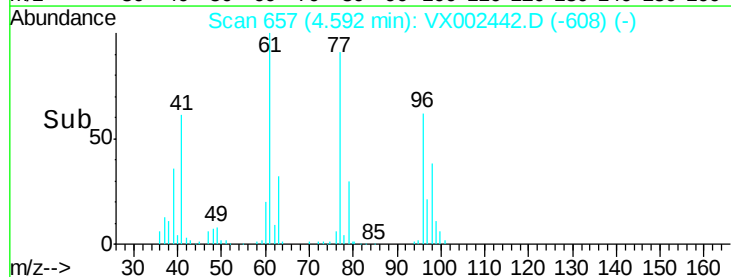
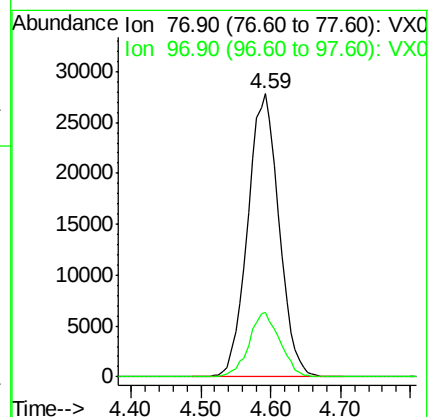
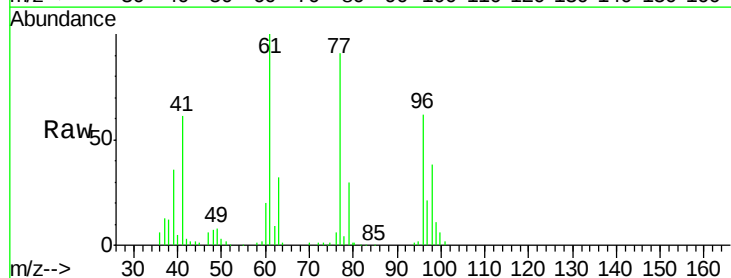
Acq: 11 Jun 2018 14:55

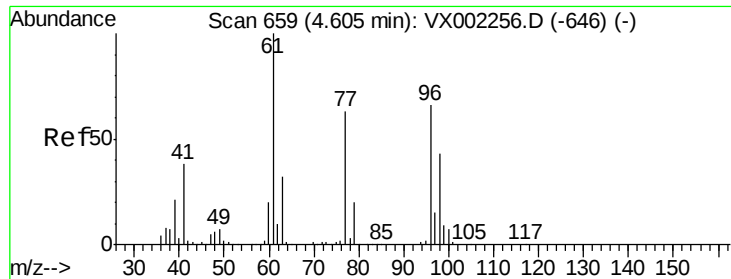
Tgt Ion: 77 Resp: 86421

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 17.53 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

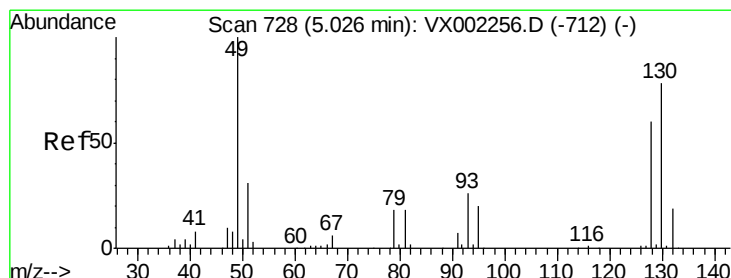
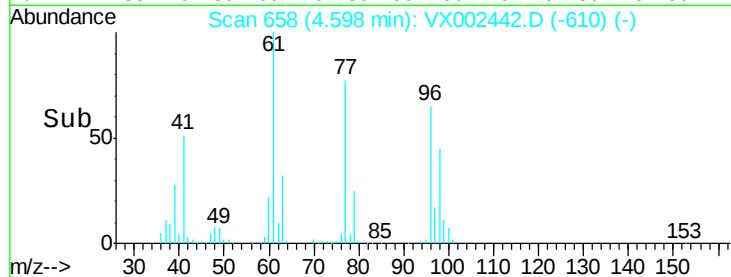
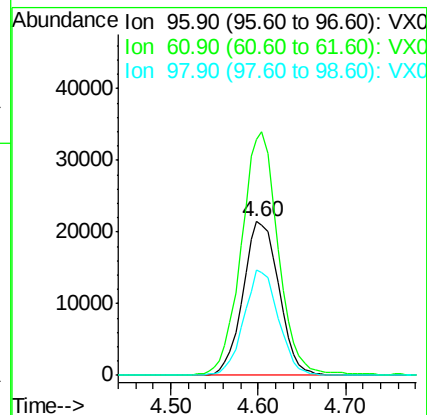
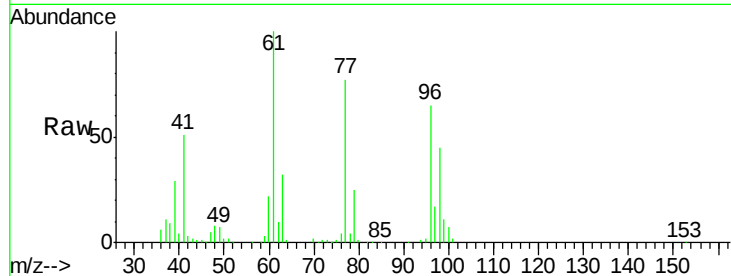
Tot Ion: 96 Resp: 61423

Ion Ratio Lower Upper

96 100

61 161.9 0.0 330.2

98 66.0 0.0 130.2



#28

Bromochloromethane

Concen: 21.89 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

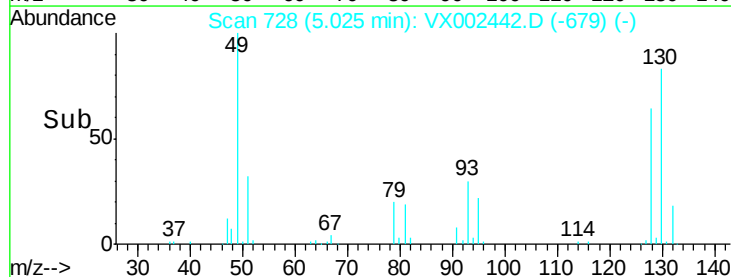
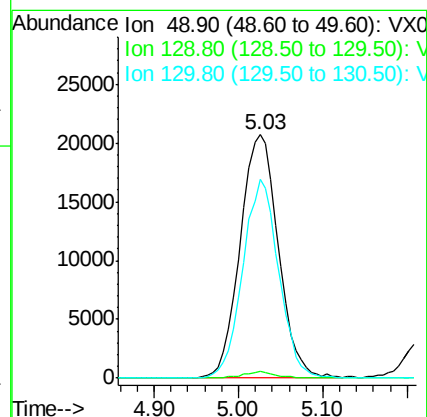
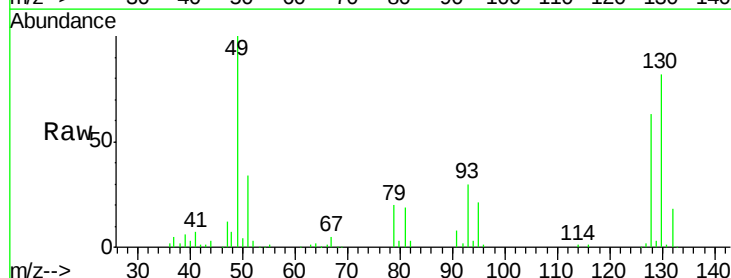
Tgt Ion: 49 Resp: 63681

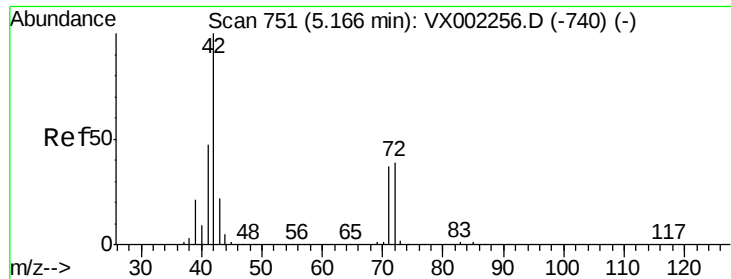
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 76.8 61.2 91.8

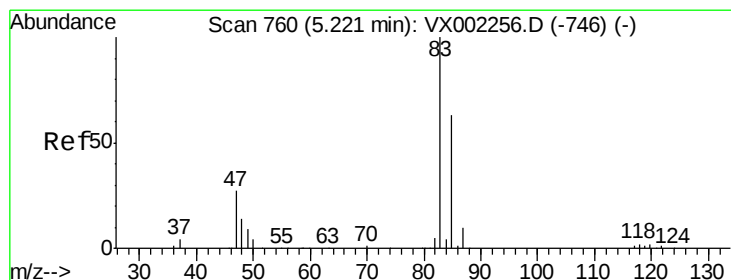
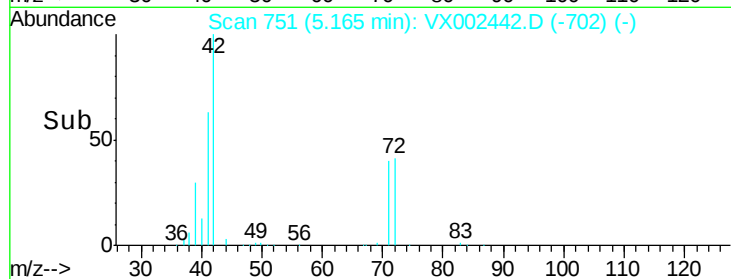
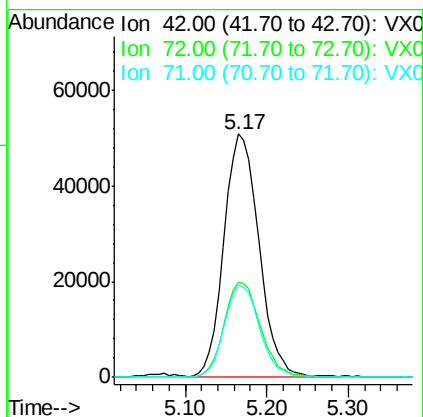
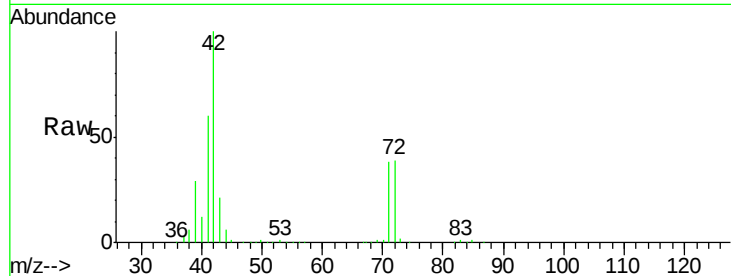




#29
Tetrahydrofuran
Concen: 86.80 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

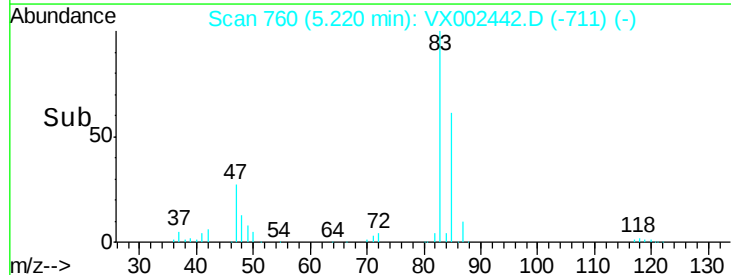
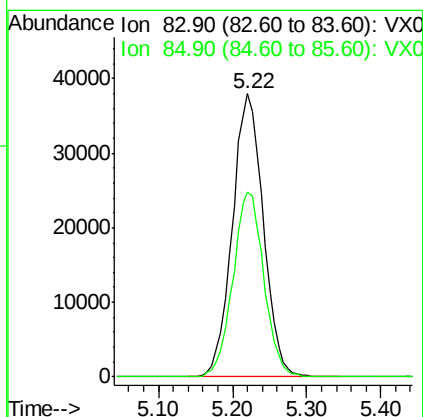
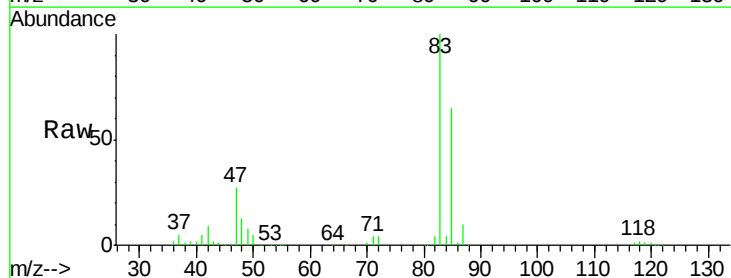
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

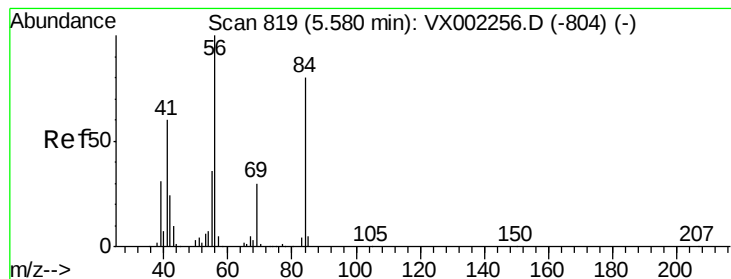
Tot Ion: 42 Resp: 150604
Ion Ratio Lower Upper
42 100
72 40.7 32.0 48.0
71 38.2 30.1 45.1



#30
Chloroform
Concen: 18.28 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion: 83 Resp: 110526
Ion Ratio Lower Upper
83 100
85 65.4 50.4 75.6





#31

Cyclohexane

Concen: 18.18 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampled :

VX0611WBSD01

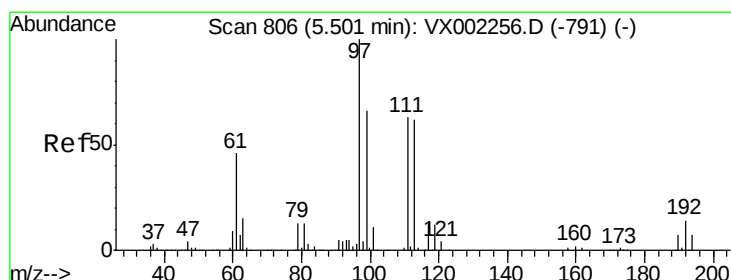
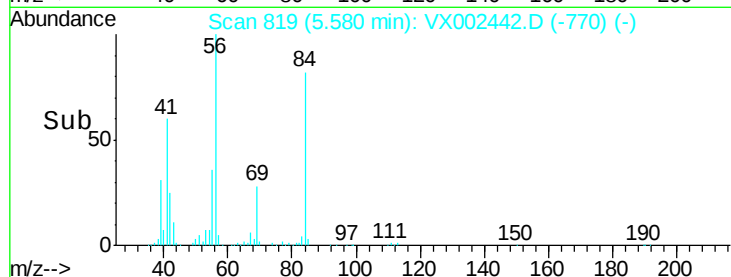
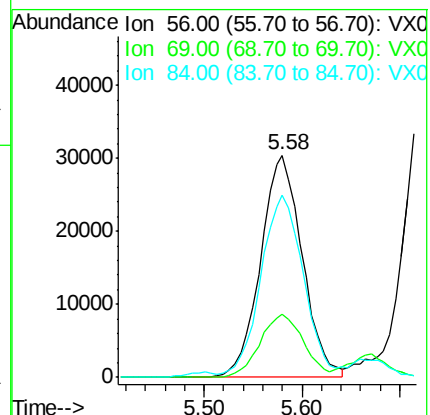
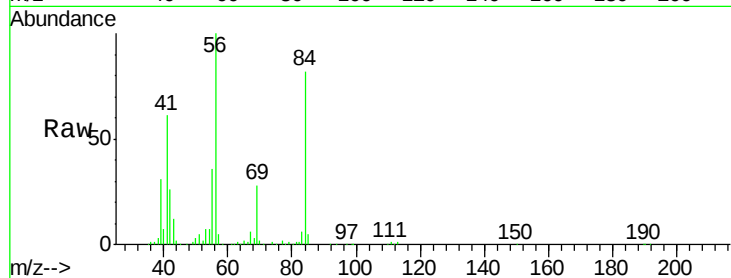
Tot Ion: 56 Resp: 90089

Ion Ratio Lower Upper

56 100

69 28.2 23.7 35.5

84 79.5 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 18.59 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

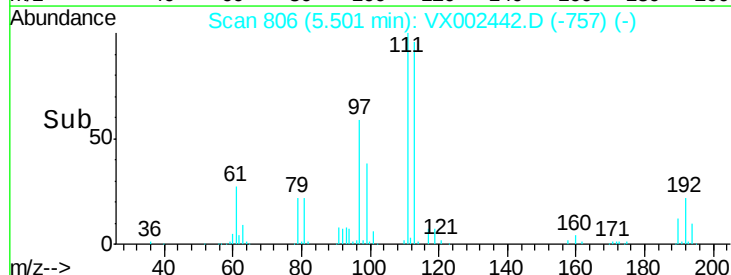
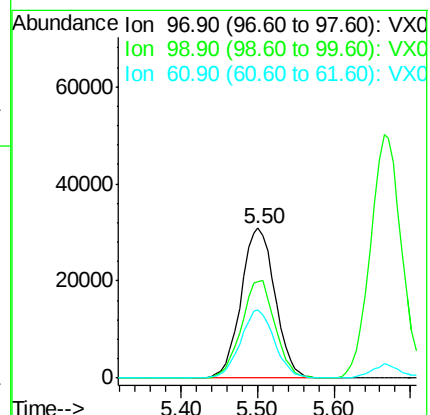
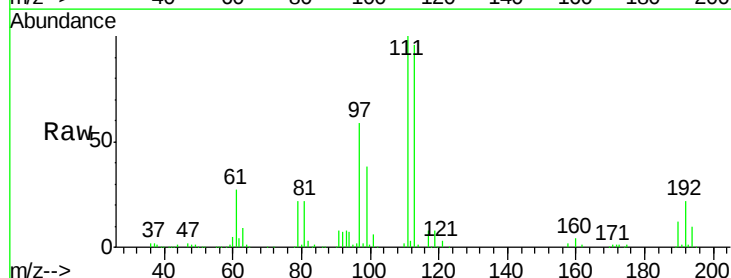
Tgt Ion: 97 Resp: 95353

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 45.1 36.4 54.6

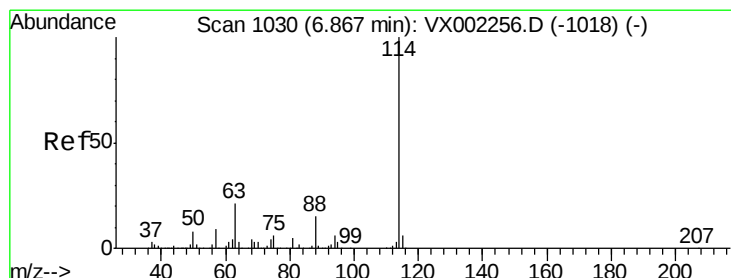
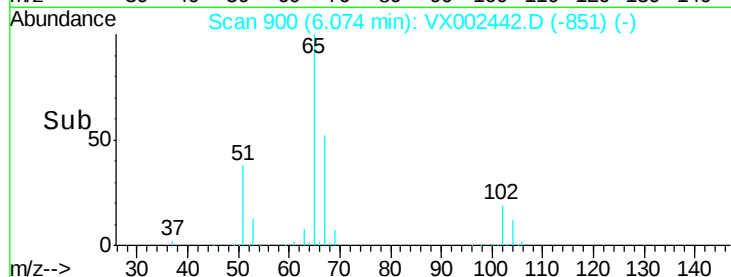
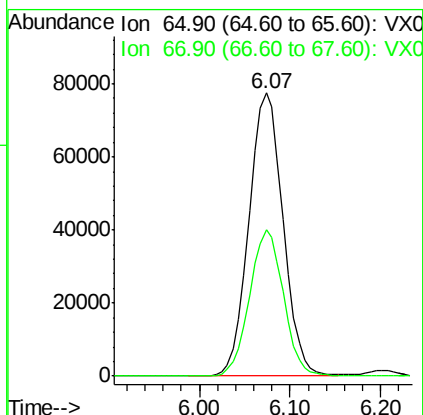
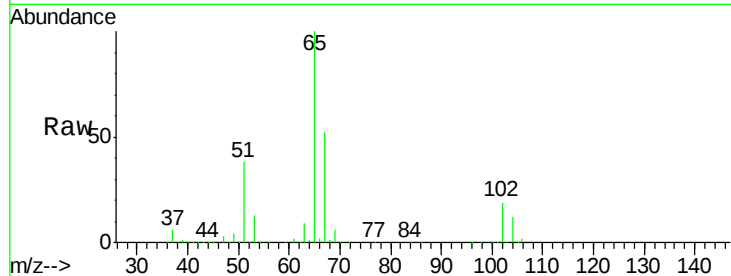




#33
 1,2-Dichloroethane-d4
 Concen: 51.61 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

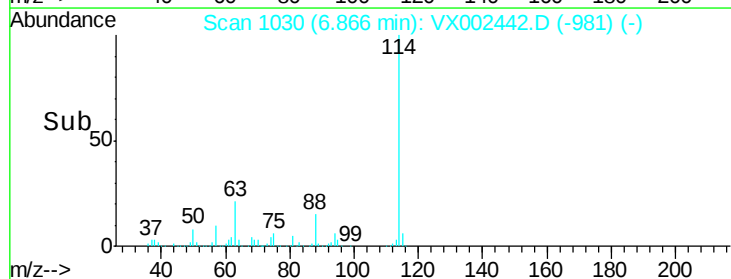
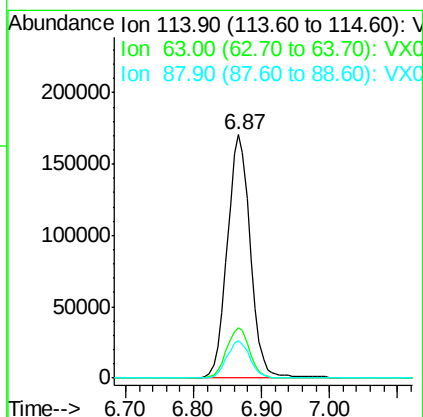
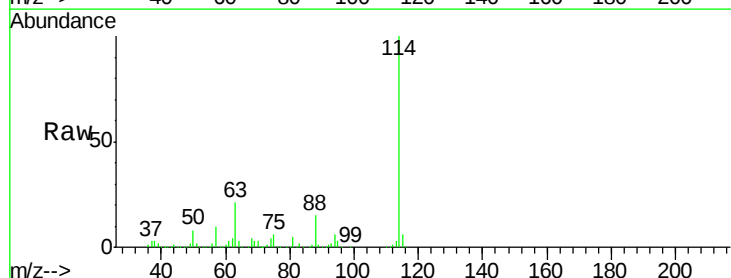
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Tot Ion: 65 Resp: 202126
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Tgt Ion: 114 Resp: 401059
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.4 0.0 30.0

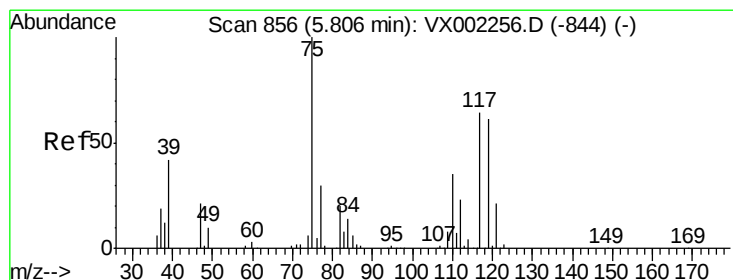
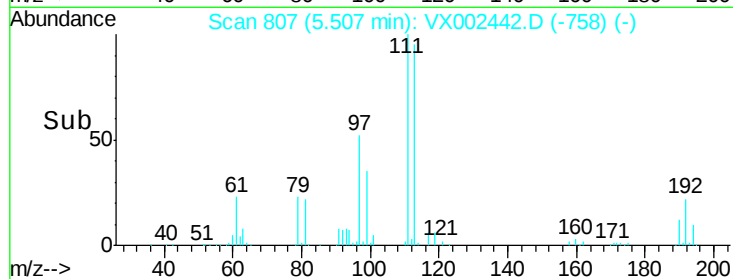
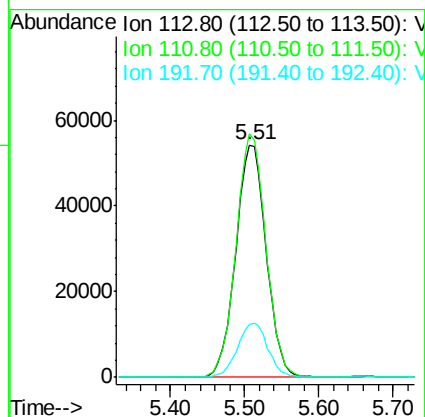
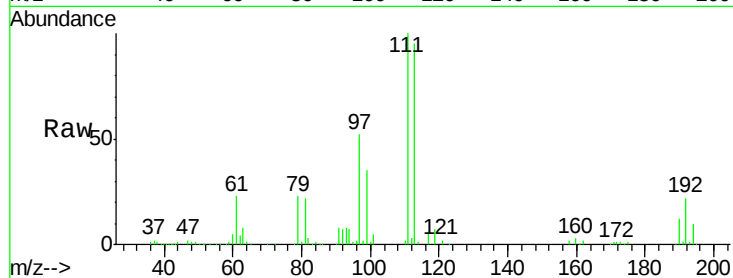




#35
 Dibromofluoromethane
 Concen: 49.44 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

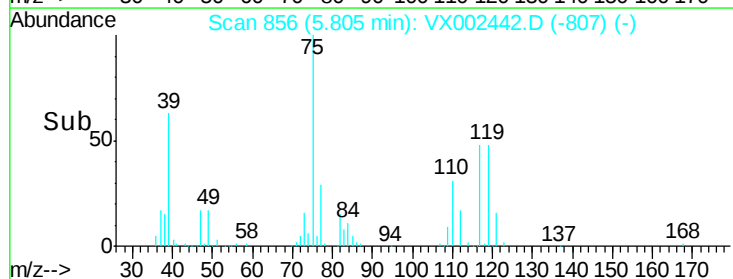
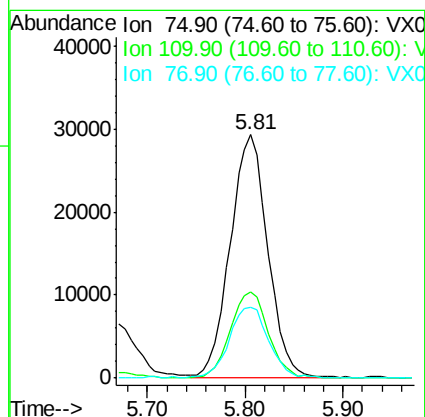
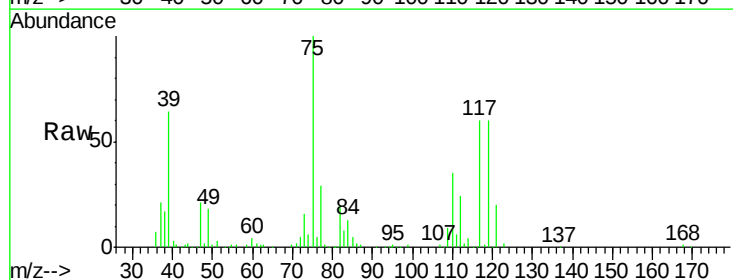
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

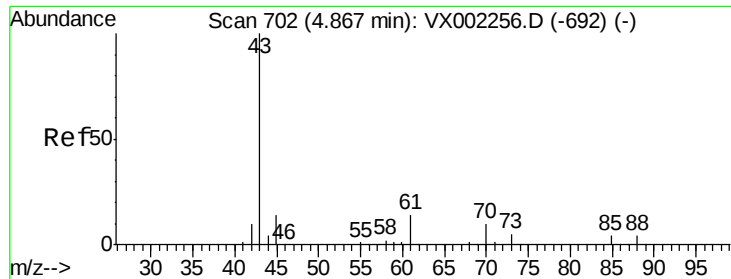
Tot Ion:113 Resp: 155932
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 23.3 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 18.42 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Tgt Ion: 75 Resp: 77668
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.1 54.4
 77 31.2 24.3 36.5

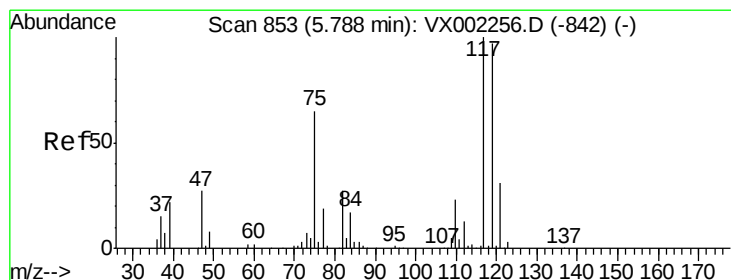
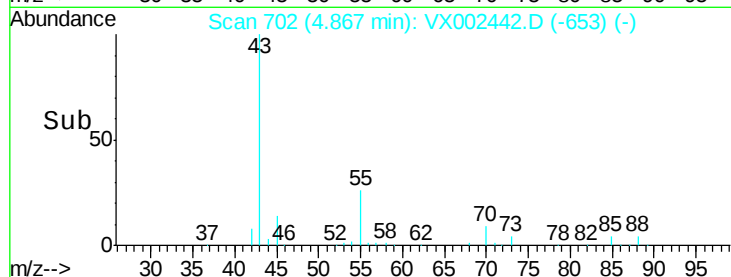
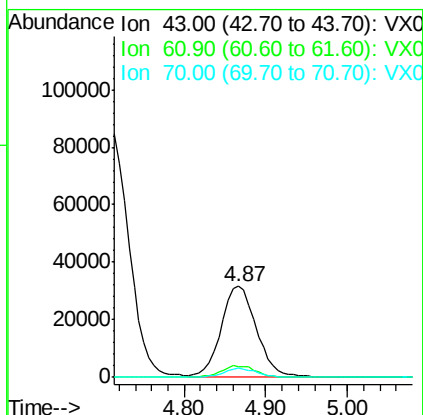
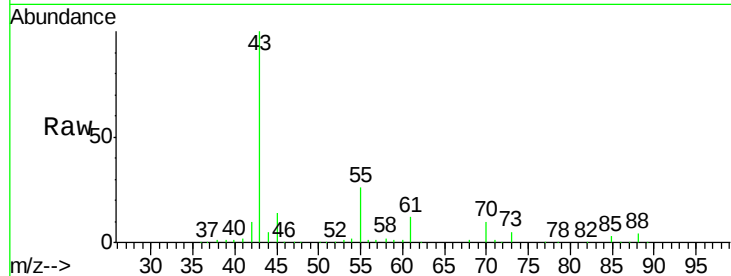




#37
Ethyl Acetate
Concen: 18.65 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

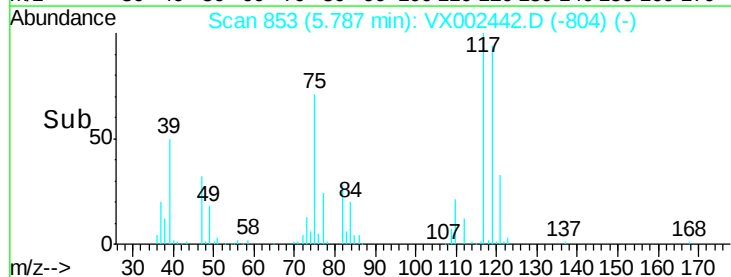
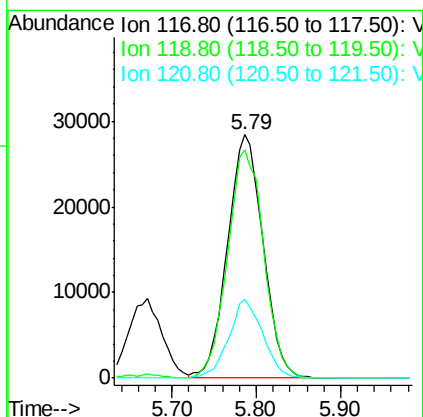
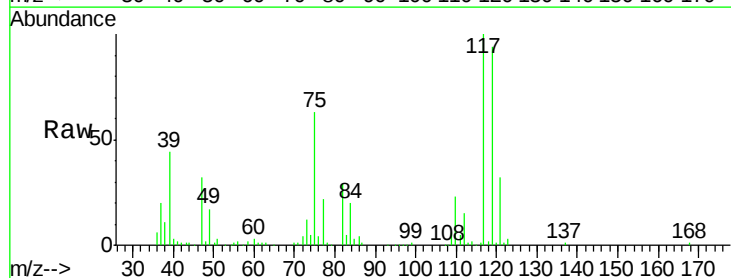
Instrument :
MSVOA_X
ClientSampleID :
VX0611WBSD01

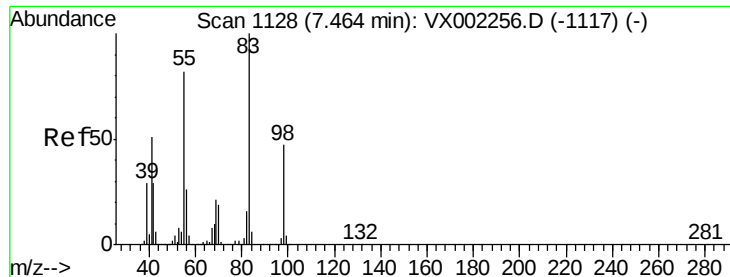
Tot Ion: 43 Resp: 94552
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 9.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.44 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion: 117 Resp: 81324
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.0
121 32.4 24.4 36.6

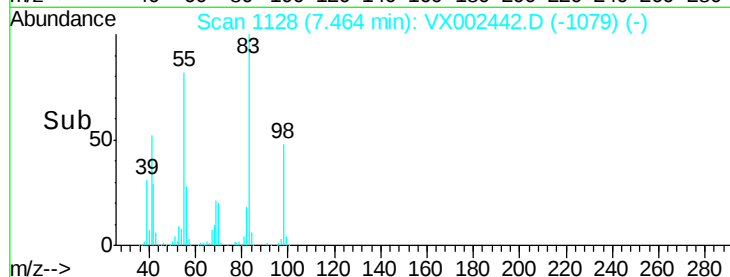
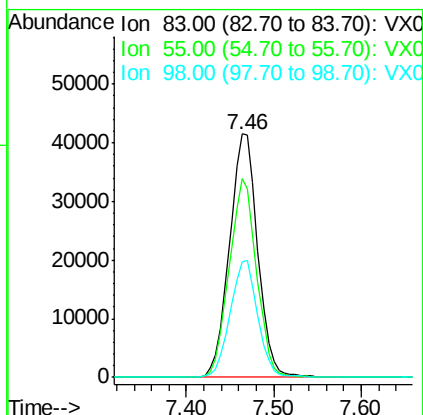
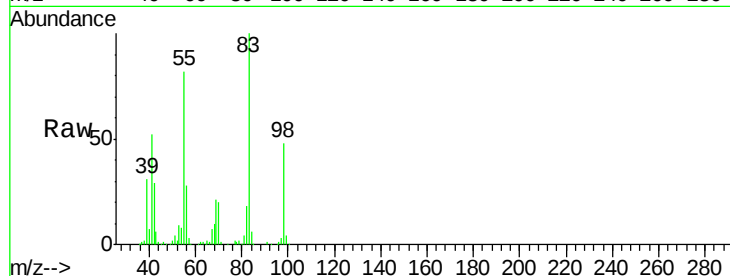




#39
Methvlcvclohexane
Concen: 18.07 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

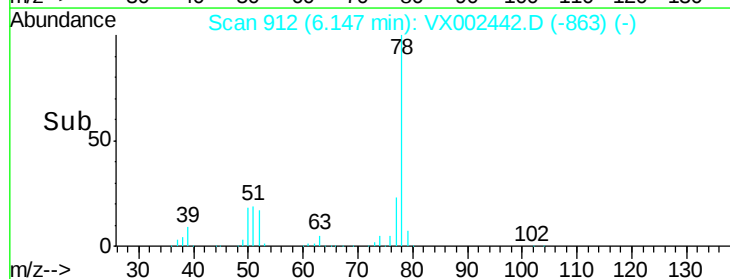
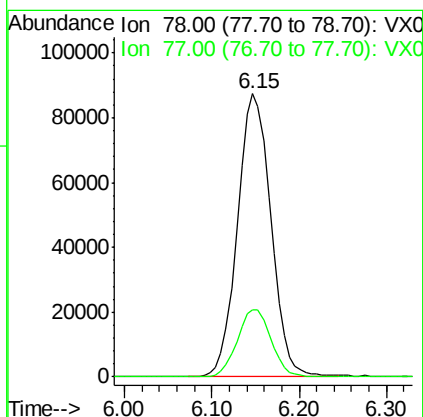
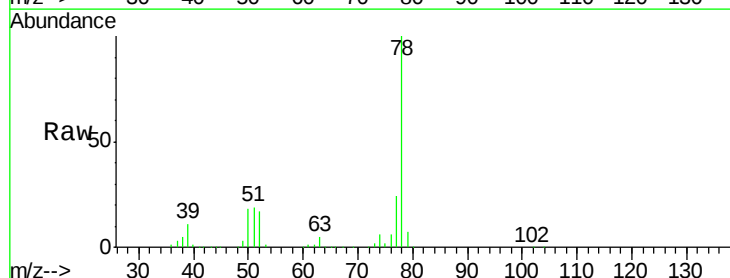
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion: 83 Resp: 93235
Ion Ratio Lower Upper
83 100
55 81.4 65.4 98.0
98 47.6 37.4 56.0



#40
Benzene
Concen: 18.03 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion: 78 Resp: 233044
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

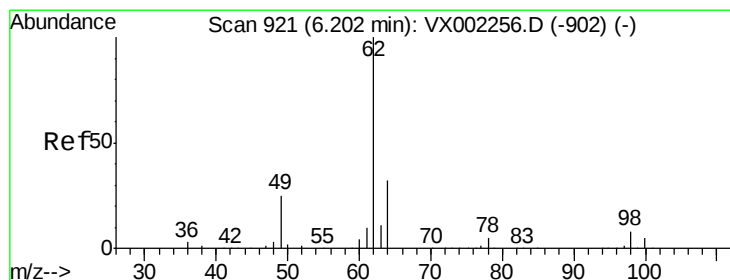
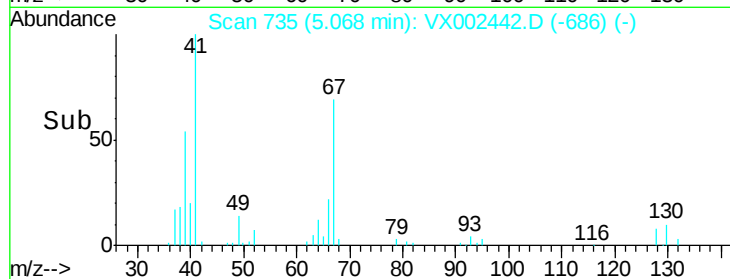
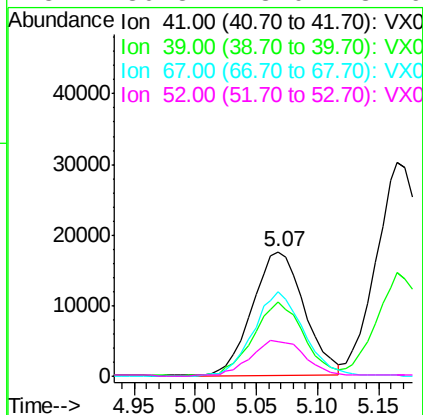
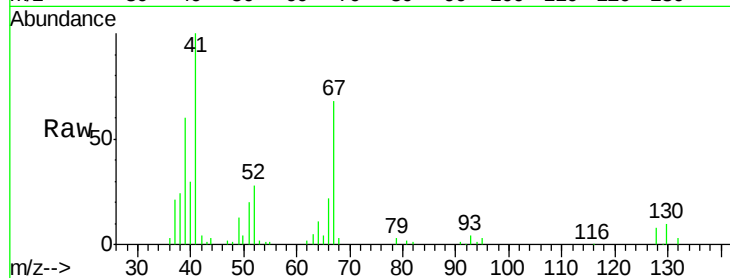




#41
Methacrylonitrile
Concen: 17.95 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

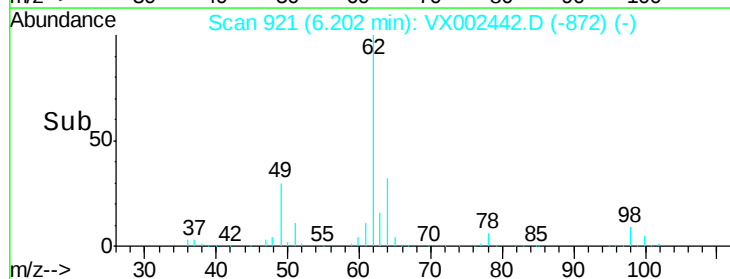
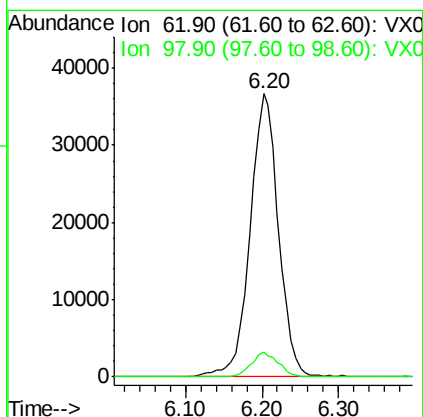
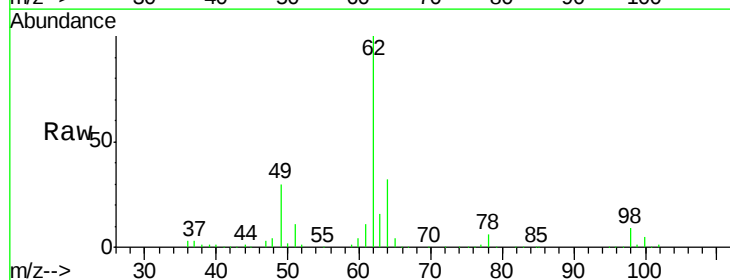
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

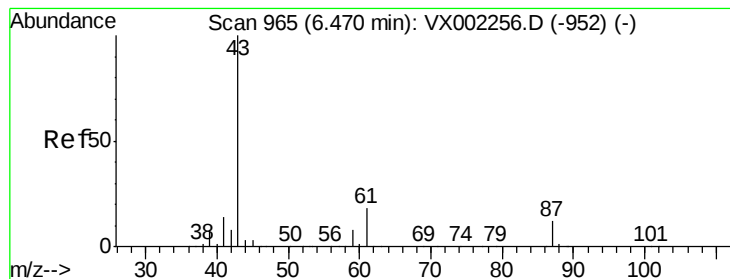
Tot Ion:	41	Resp:	52112
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.8	68.6
67	65.7	51.3	76.9
52	30.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 18.47 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion:	62	Resp:	94851
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



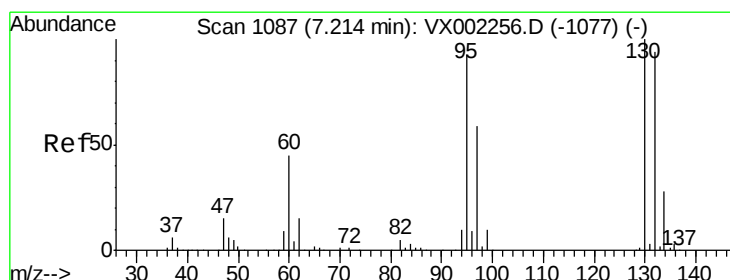
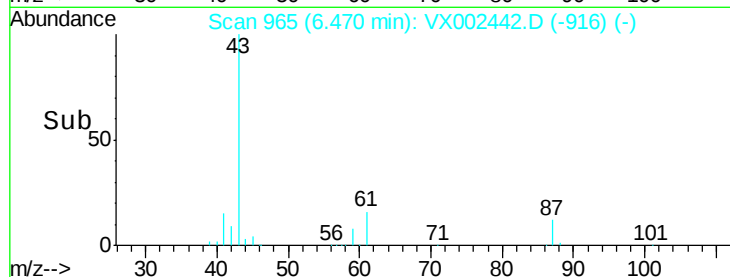
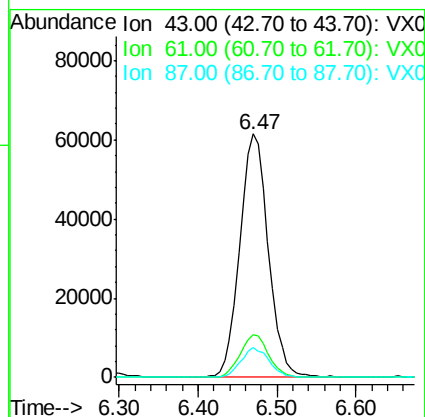
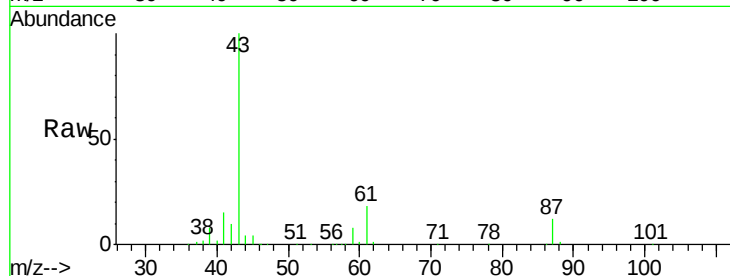


#43

Isopropyl Acetate
 Concen: 17.84 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

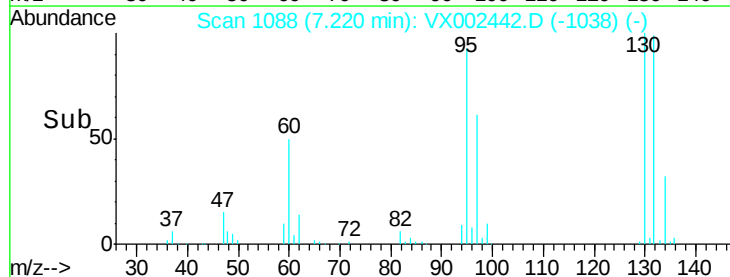
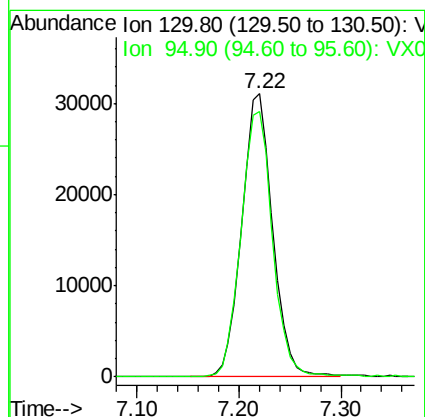
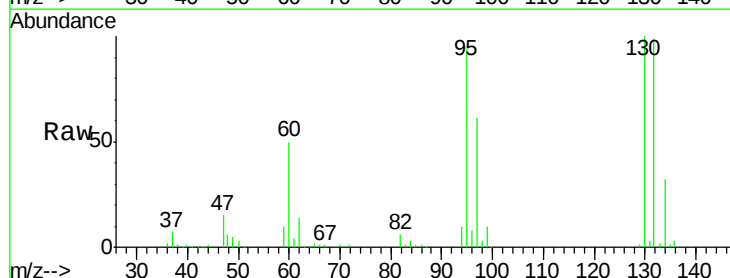
Tot Ion: 43 Resp: 153668
 Ion Ratio Lower Upper
 43 100
 61 17.7 14.4 21.6
 87 12.0 9.5 14.3

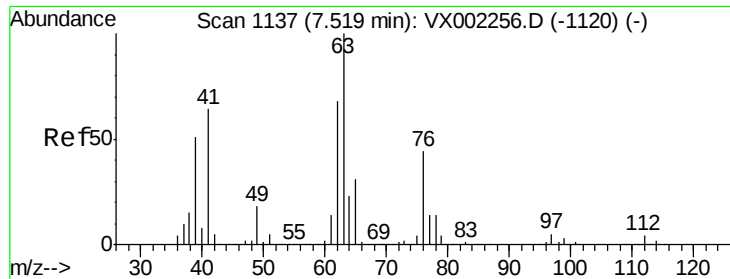


#44

Trichloroethene
 Concen: 18.22 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Tgt Ion:130 Resp: 65387
 Ion Ratio Lower Upper
 130 100
 95 93.9 0.0 185.4





#45

1,2-Dichloropropane

Concen: 18.41 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

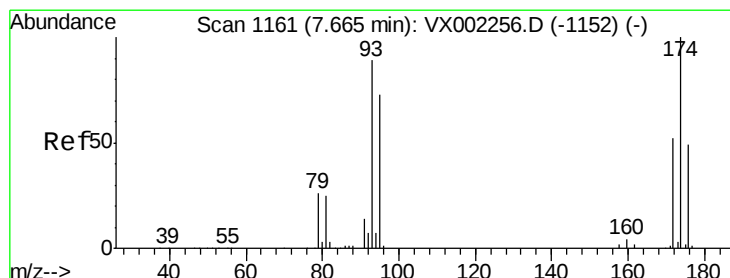
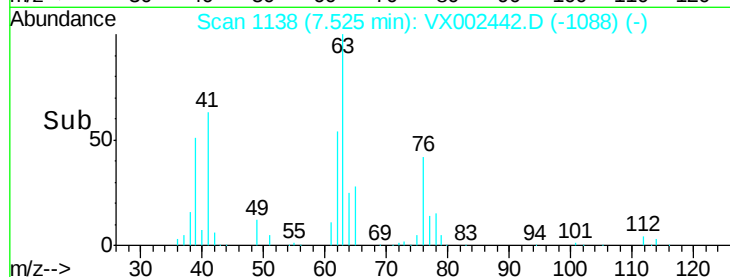
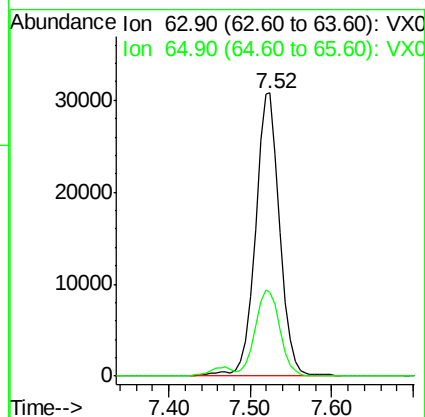
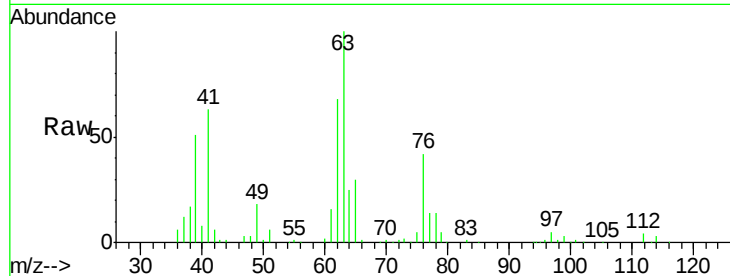
VX0611WBSD01

Tot Ion: 63 Resp: 64247

Ion Ratio Lower Upper

63 100

65 29.4 24.7 37.1



#46

Dibromomethane

Concen: 18.15 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

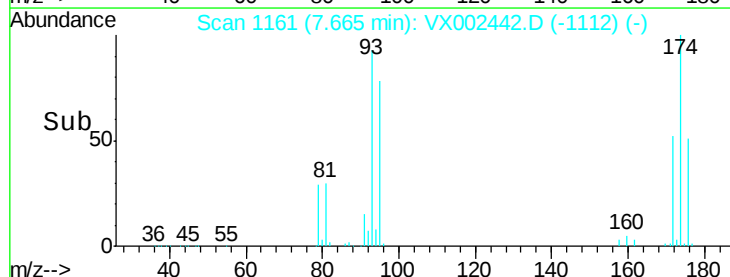
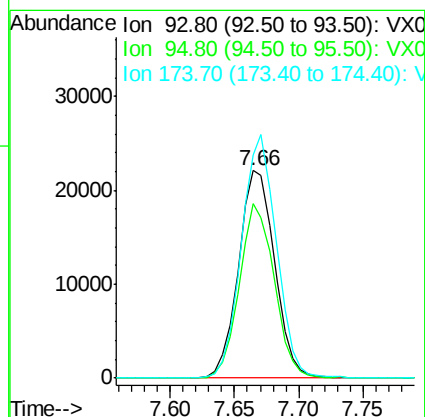
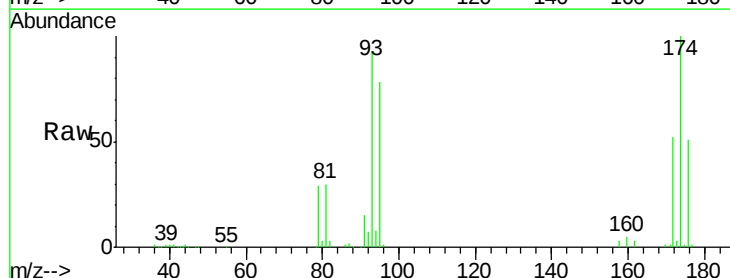
Tgt Ion: 93 Resp: 42943

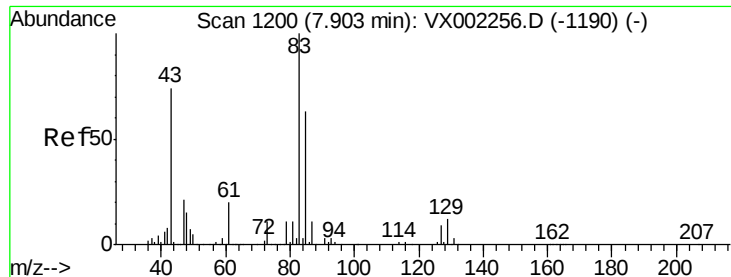
Ion Ratio Lower Upper

93 100

95 81.1 65.9 98.9

174 113.1 92.4 138.6

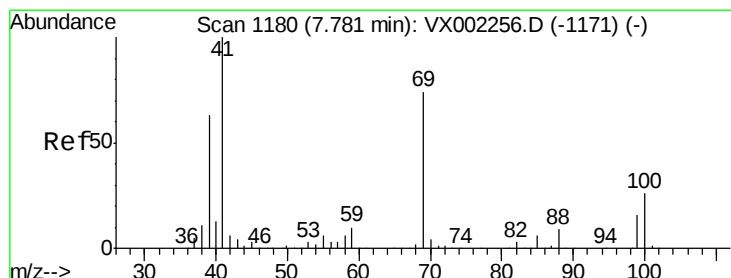
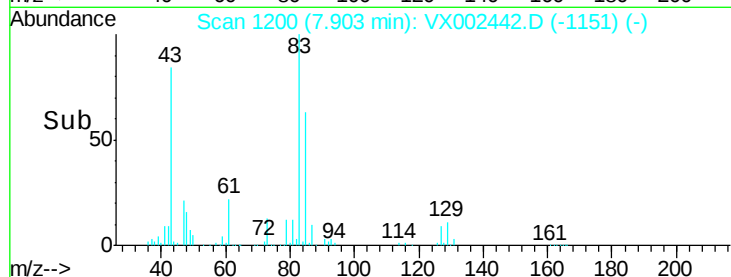
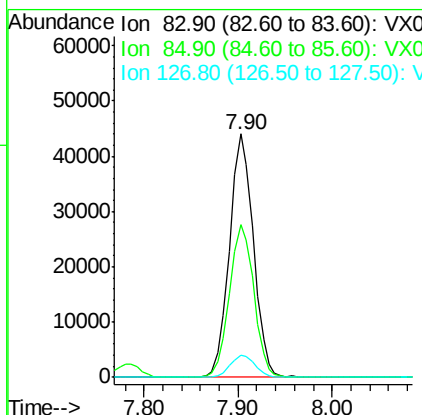
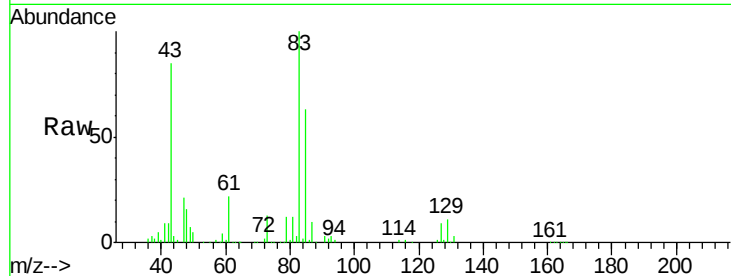




#47
Bromodichloromethane
Concen: 18.14 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

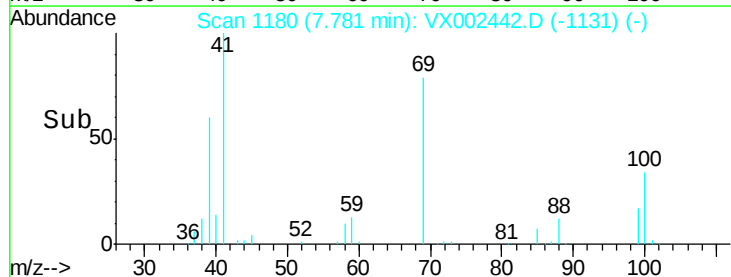
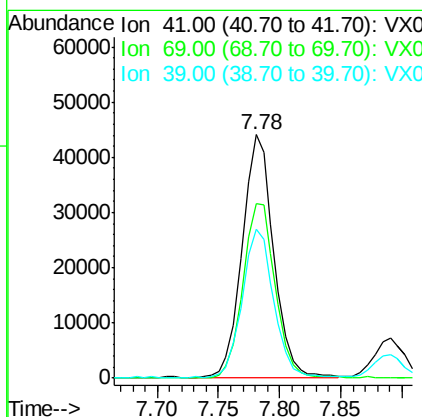
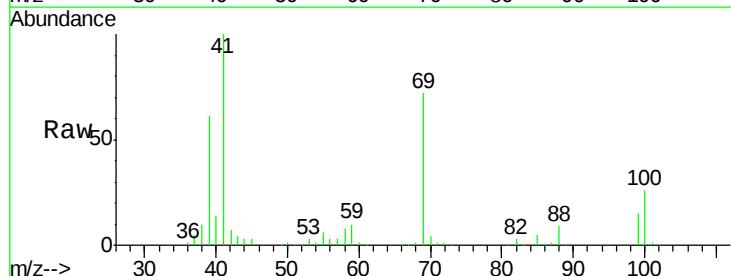
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

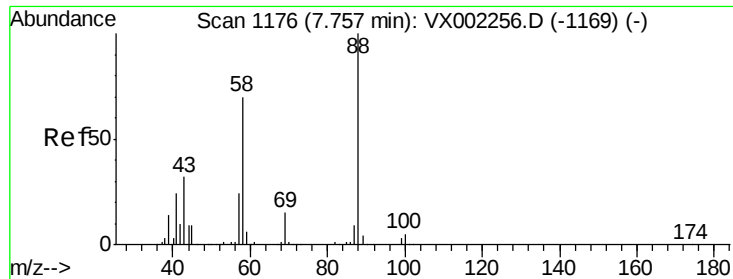
Tot Ion: 83 Resp: 77602
Ion Ratio Lower Upper
83 100
85 62.8 50.3 75.5
127 9.1 7.0 10.4



#48
Methyl methacrylate
Concen: 18.11 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion: 41 Resp: 78347
Ion Ratio Lower Upper
41 100
69 74.4 59.1 88.7
39 60.8 48.9 73.3





#49

1,4-Dioxane

Concen: 373.05 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

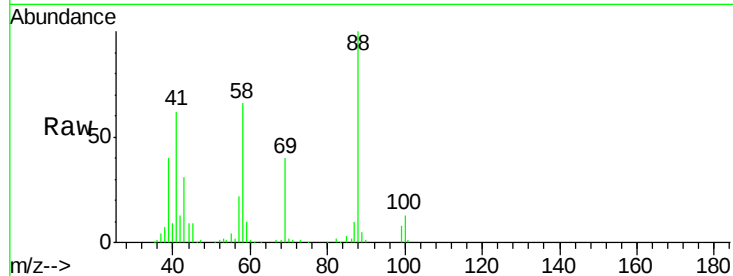
Tot Ion: 88 Resp: 30175

Ion Ratio Lower Upper

88 100

43 35.1 29.8 44.6

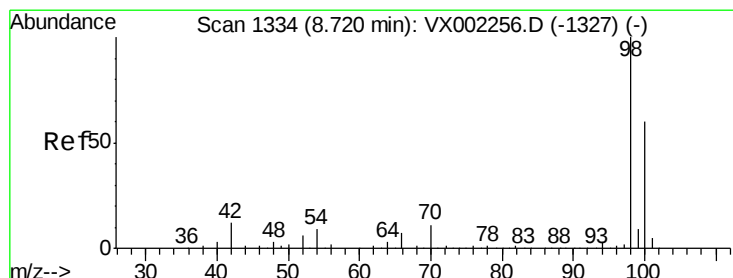
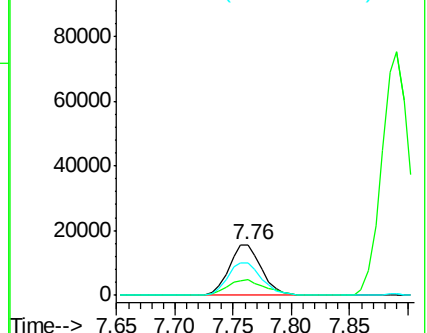
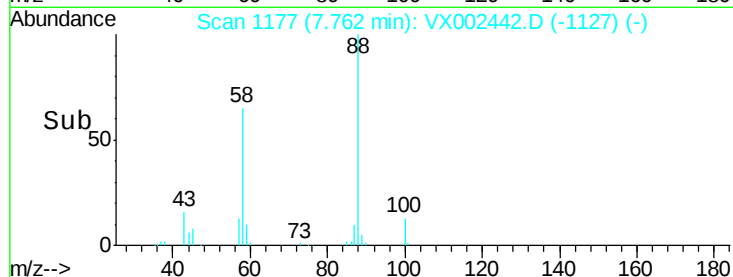
58 68.9 57.1 85.7



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: 48.59 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002442.D

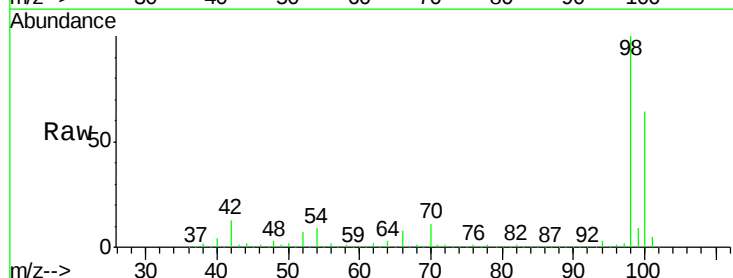
Acq: 11 Jun 2018 14:55

Tgt Ion: 98 Resp: 587368

Ion Ratio Lower Upper

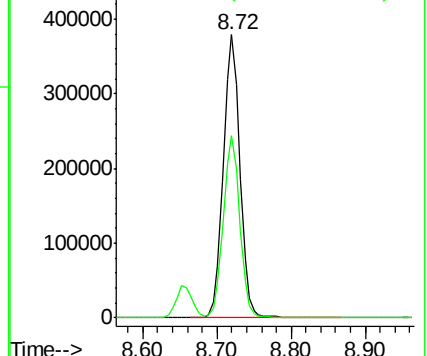
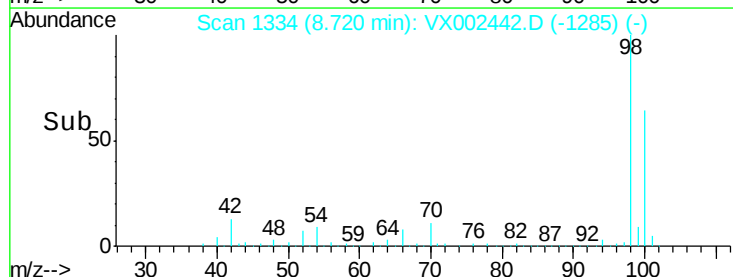
98 100

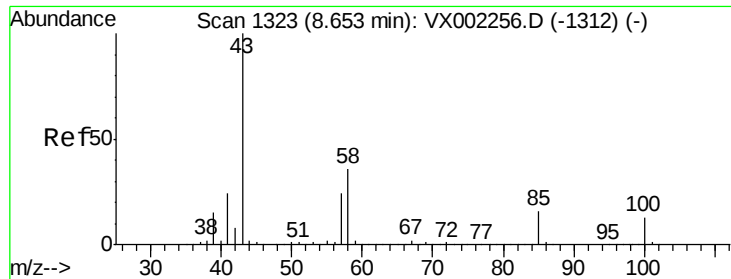
100 64.1 50.9 76.3



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: 93.63 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

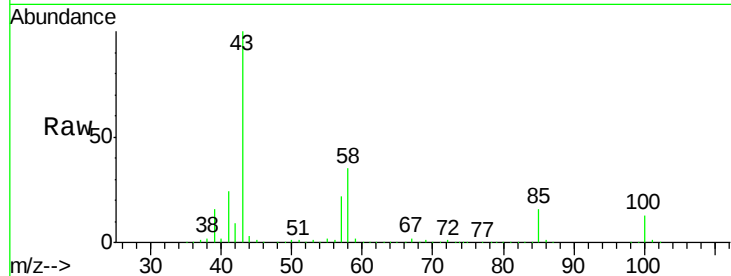
VX0611WBSD01

Tot Ion: 43 Resp: 502151

Ion Ratio Lower Upper

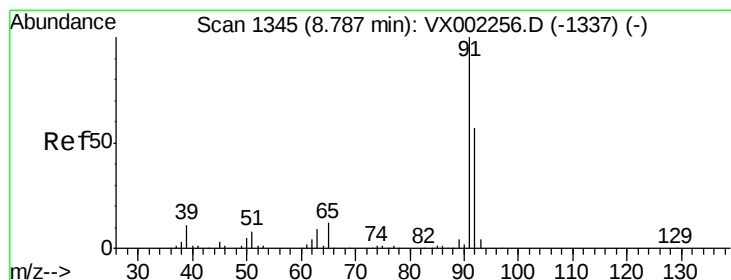
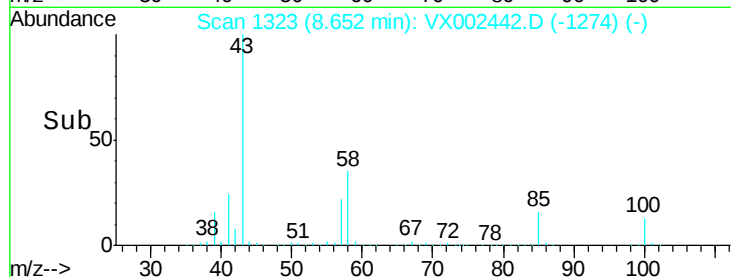
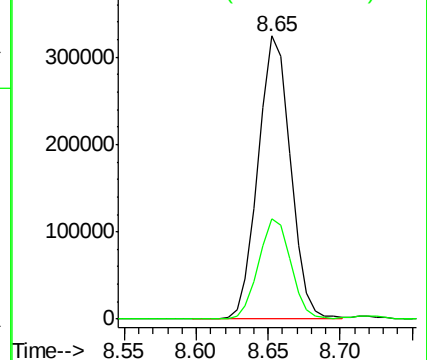
43 100

58 35.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.73 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002442.D

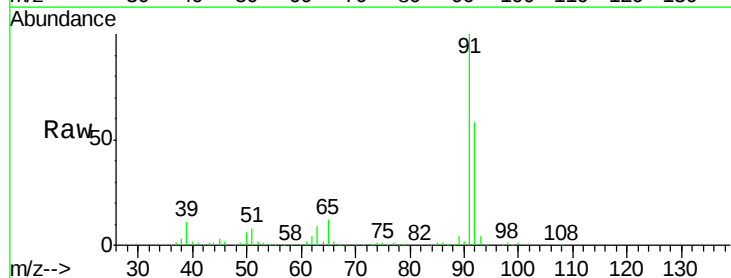
Acq: 11 Jun 2018 14:55

Tgt Ion: 92 Resp: 154005

Ion Ratio Lower Upper

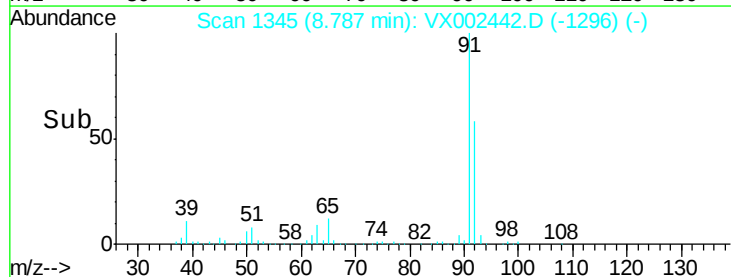
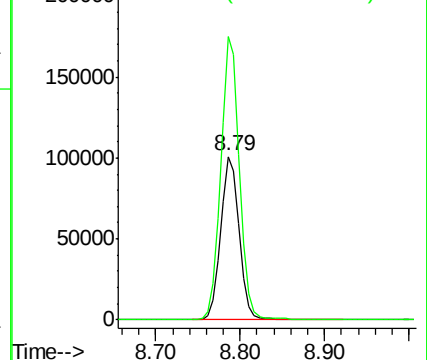
92 100

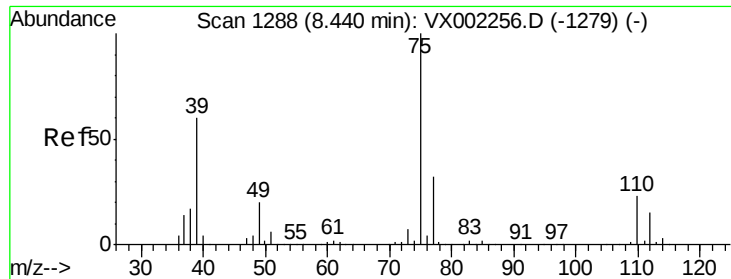
91 174.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

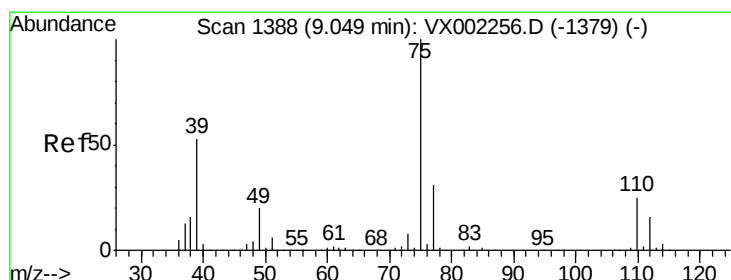
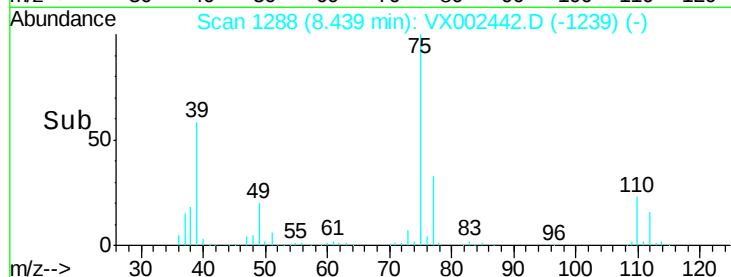
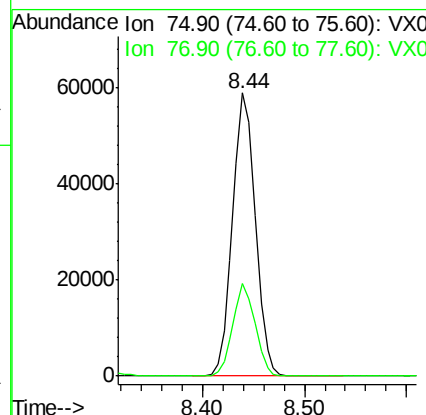
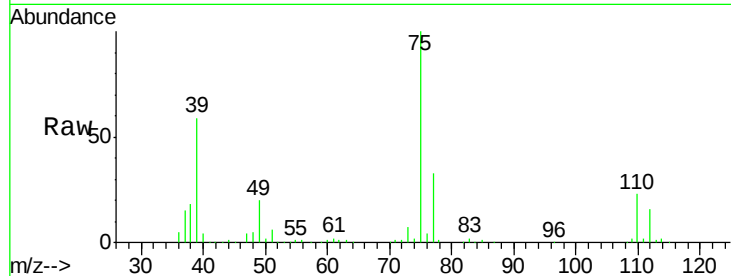




#53
 t-1,3-Dichloropropene
 Concen: 17.80 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

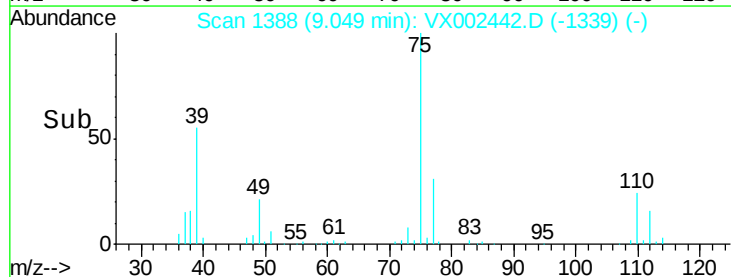
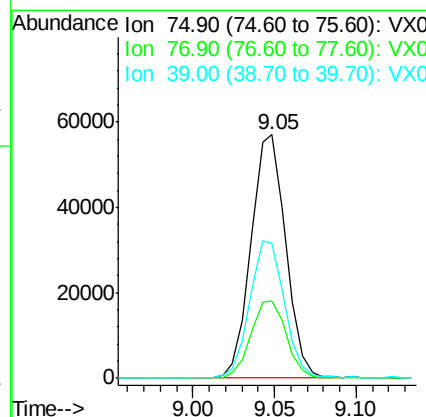
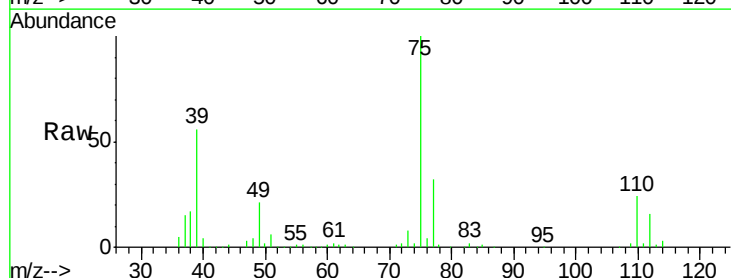
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Tot Ion: 75 Resp: 91341
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 17.45 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Tgt Ion: 75 Resp: 84484
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.8 37.2
 39 55.3 42.4 63.6

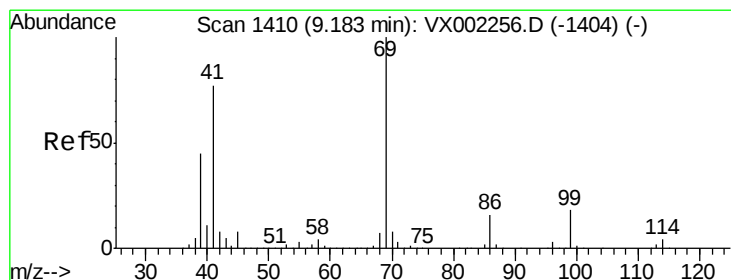
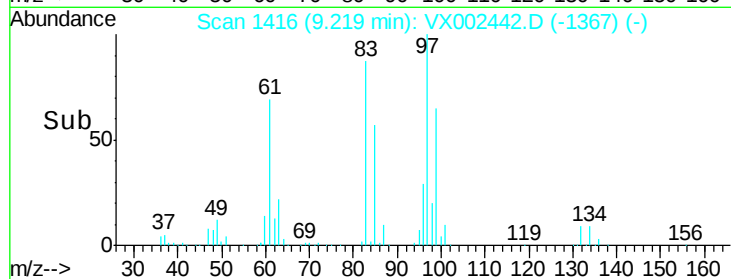
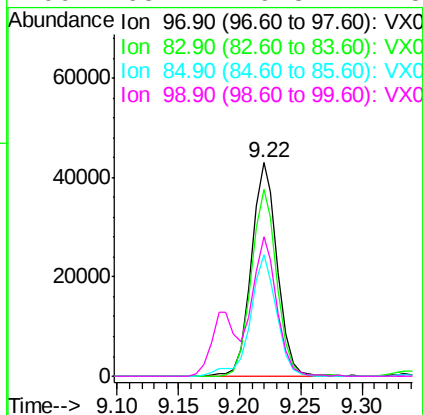
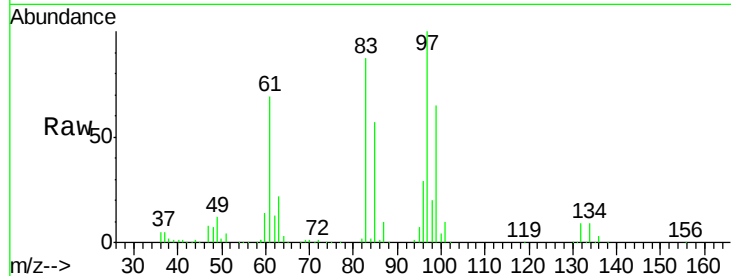




#55
 1,1,2-Trichloroethane
 Concen: 18.77 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

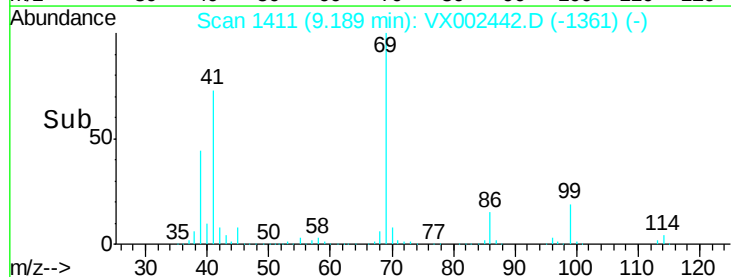
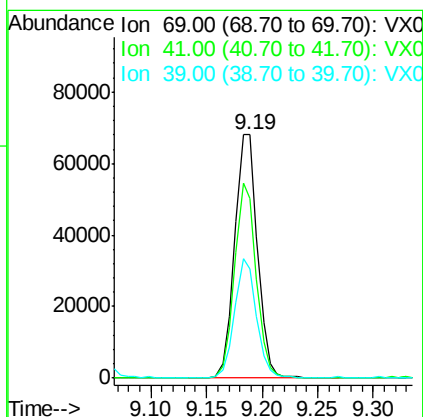
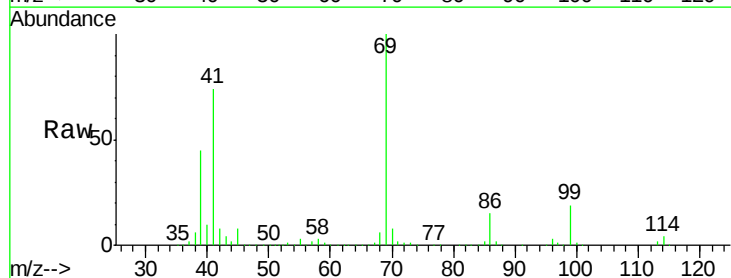
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

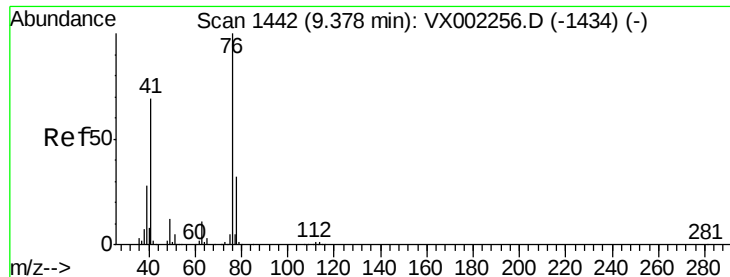
Tot Ion:	97	Resp:	63466
Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.2	105.2
85	56.7	44.9	67.3
99	65.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 17.93 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Tgt Ion:	69	Resp:	96820
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.3	90.5
39	46.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 18.72 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

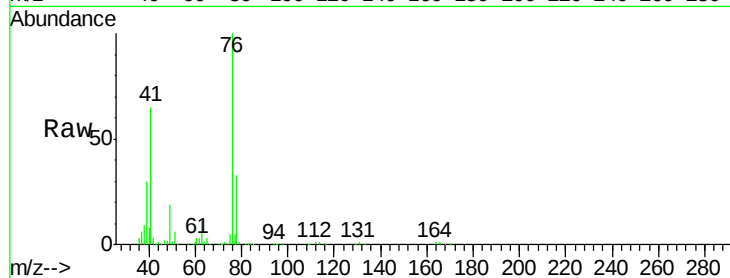
VX0611WBSD01

Tot Ion: 76 Resp: 106202

Ion Ratio Lower Upper

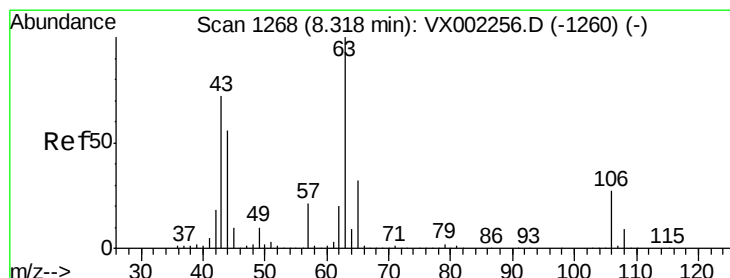
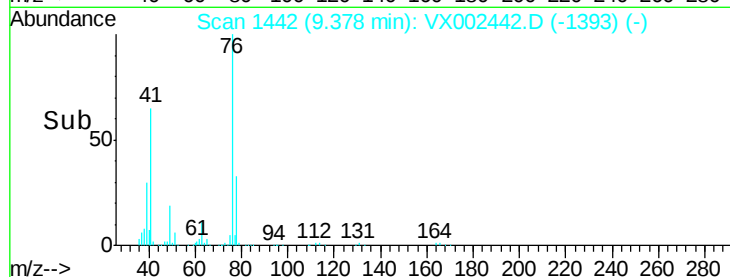
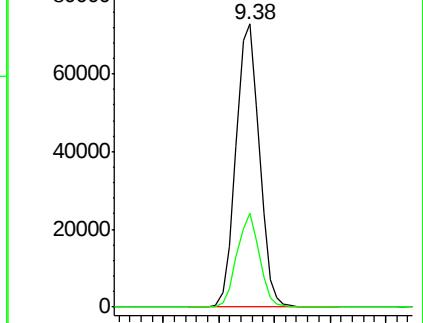
76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.10 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002442.D

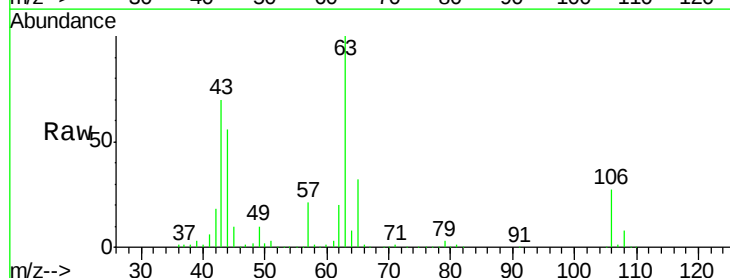
Acq: 11 Jun 2018 14:55

Tgt Ion: 63 Resp: 250130

Ion Ratio Lower Upper

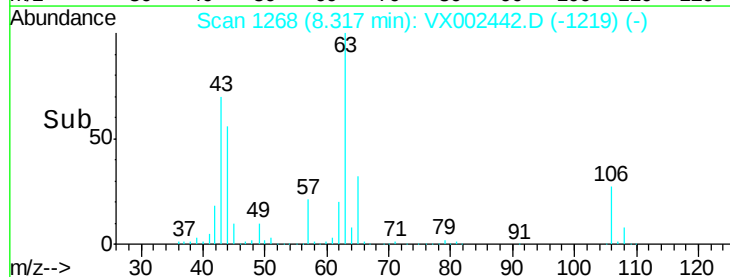
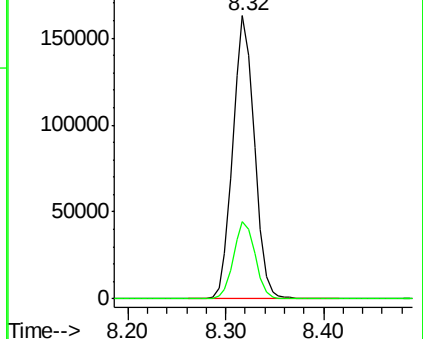
63 100

106 27.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

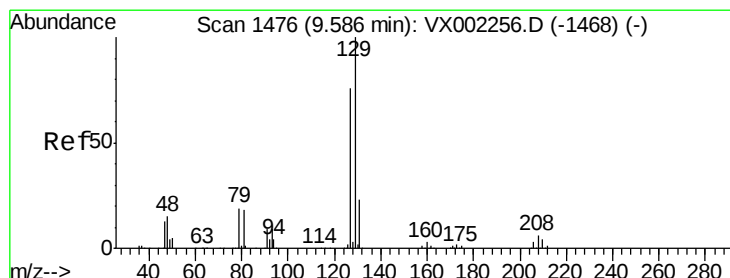
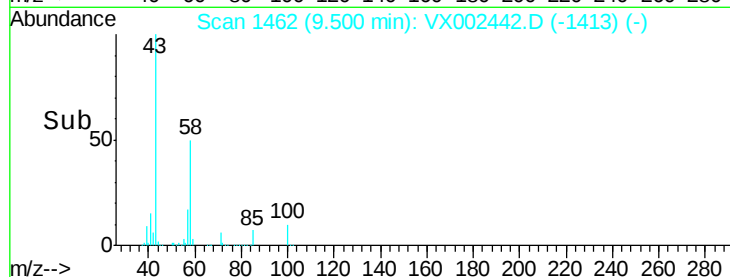
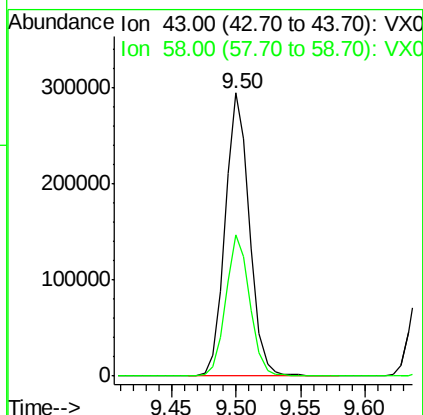
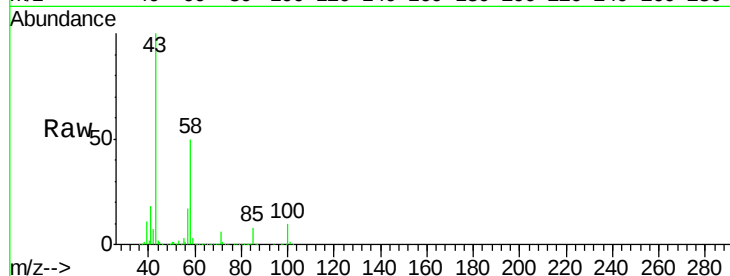




#59
2-Hexanone
Concen: 94.16 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

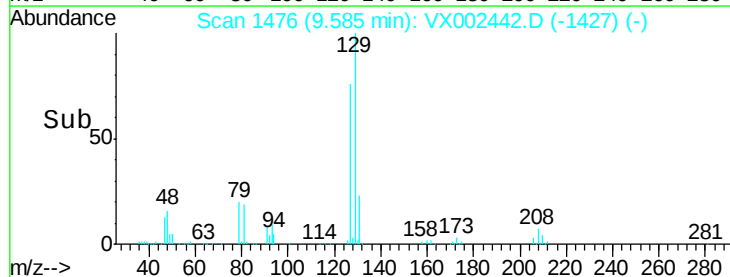
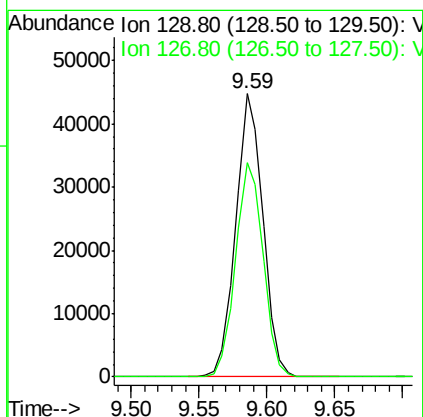
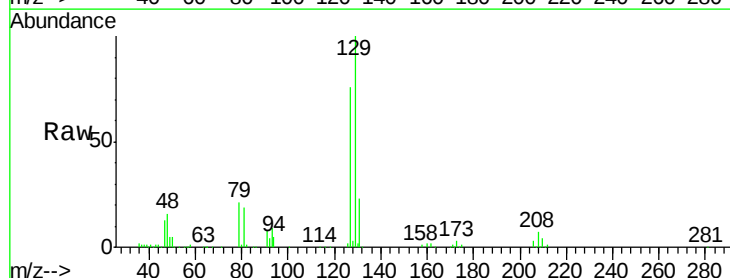
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion: 43 Resp: 390062
Ion Ratio Lower Upper
43 100
58 49.4 24.6 73.6



#60
Dibromochloromethane
Concen: 18.29 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion: 129 Resp: 62207
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.54 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

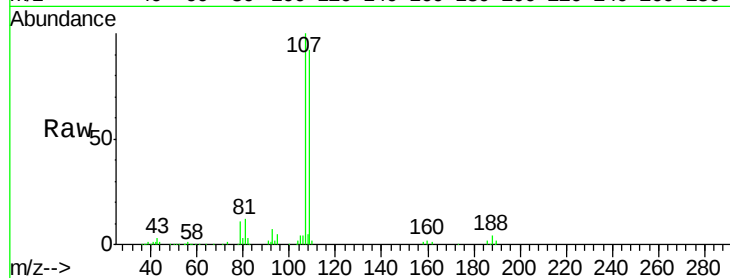
VX0611WBSD01

Tot Ion:107 Resp: 65387

Ion Ratio Lower Upper

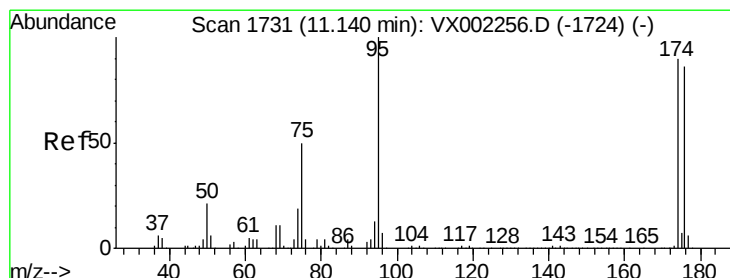
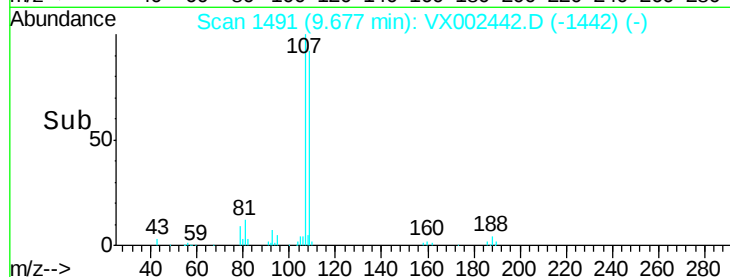
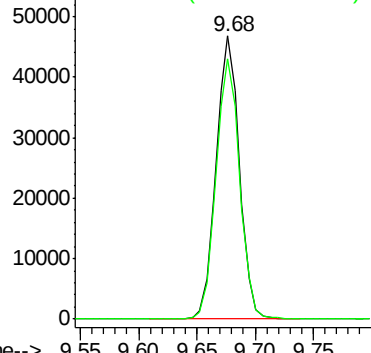
107 100

109 93.4 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: 47.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

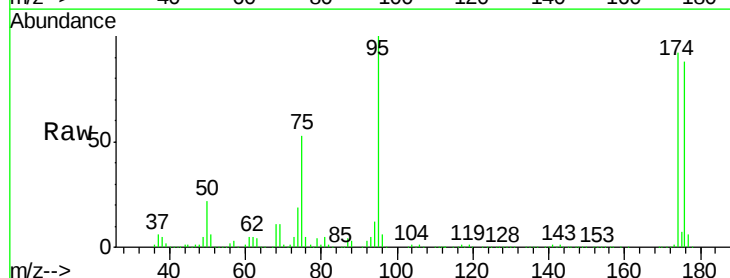
Tgt Ion: 95 Resp: 222821

Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

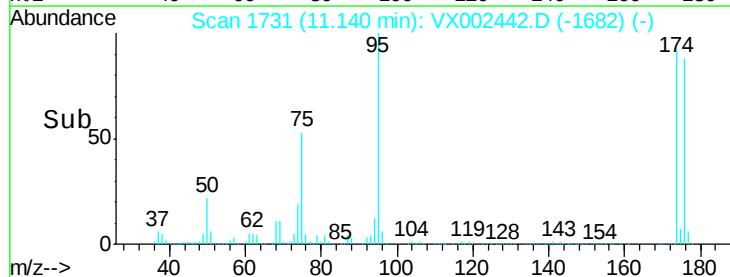
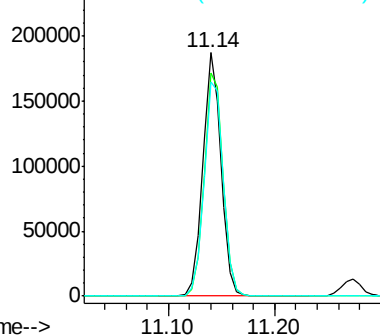
176 93.3 0.0 181.0



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

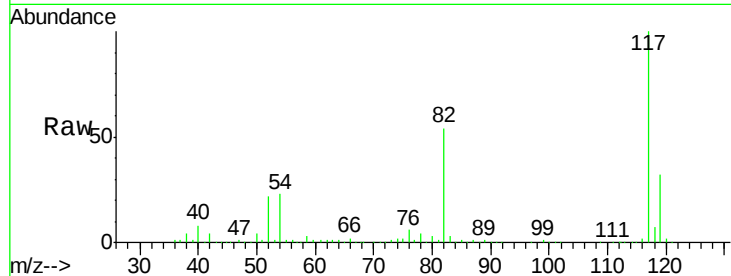




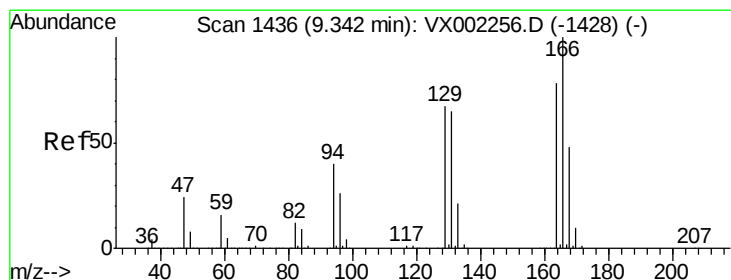
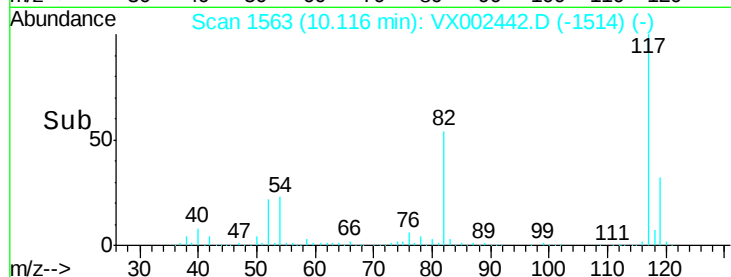
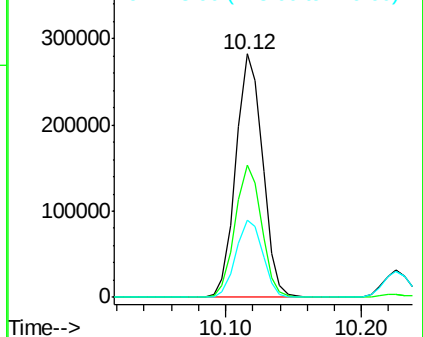
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion:117 Resp: 387655
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 31.5 25.8 38.6

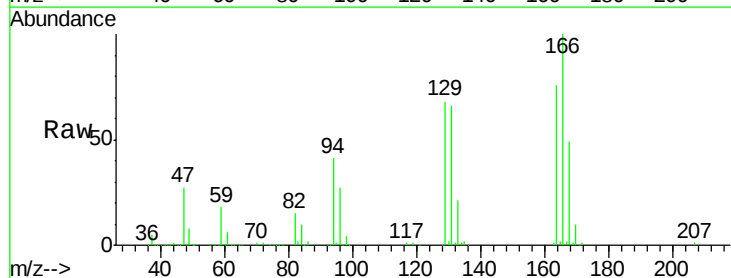


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

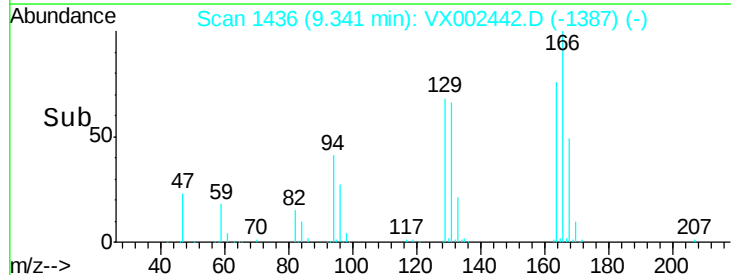
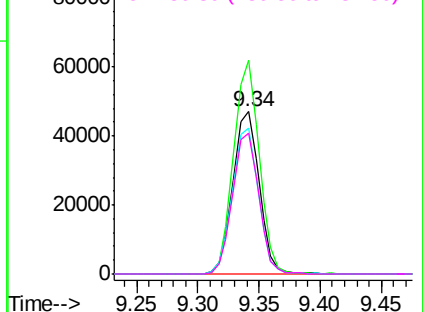


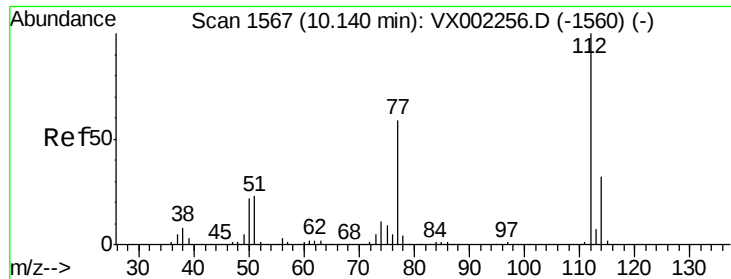
#64
Tetrachloroethene
Concen: 17.53 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion:164 Resp: 70076
Ion Ratio Lower Upper
164 100
166 131.4 102.9 154.3
129 89.6 68.6 102.8
131 86.6 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.39 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

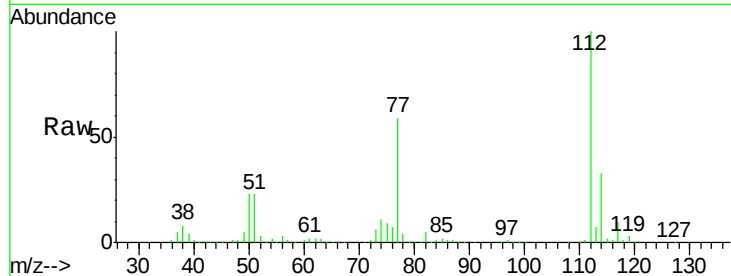
VX0611WBSD01

Tot Ion:112 Resp: 177403

Ion Ratio Lower Upper

112 100

114 33.0 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

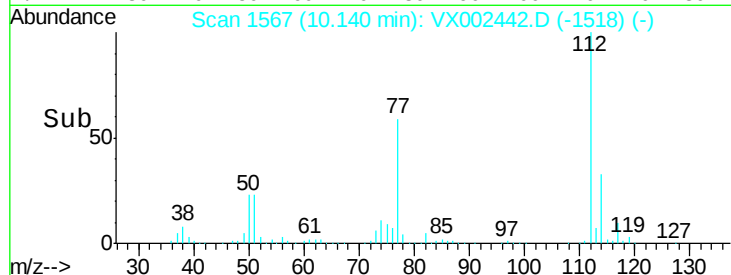
150000

100000

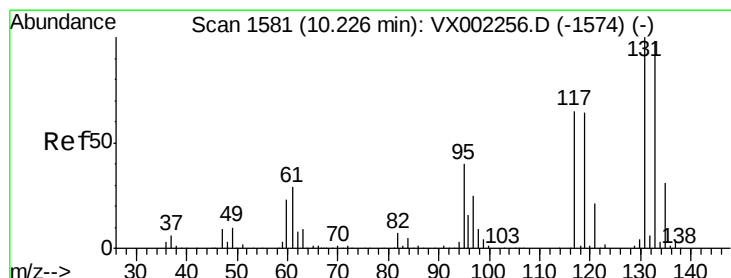
50000

0

10.10 10.14 10.20



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.99 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

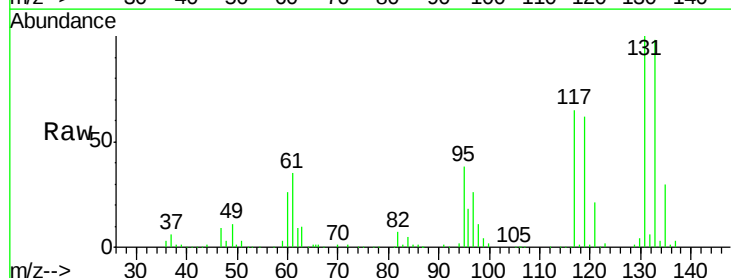
Tgt Ion:131 Resp: 62835

Ion Ratio Lower Upper

131 100

133 98.0 47.9 143.6

119 64.8 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

50000

40000

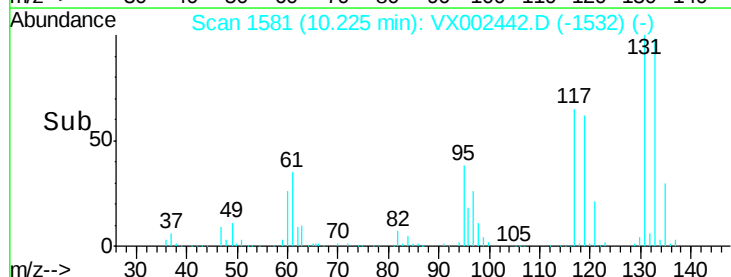
30000

20000

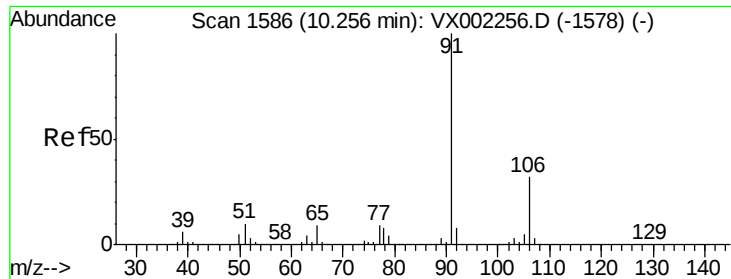
10000

0

10.20 10.23 10.30



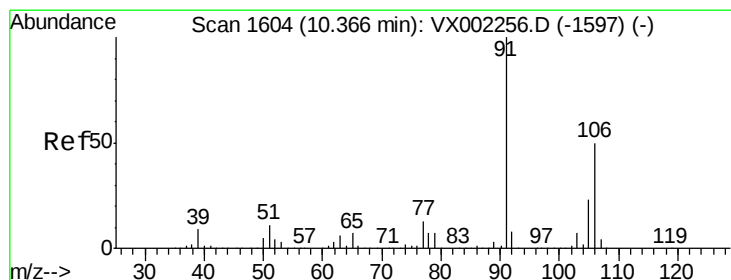
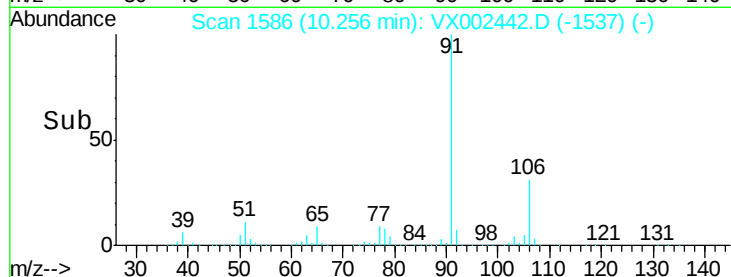
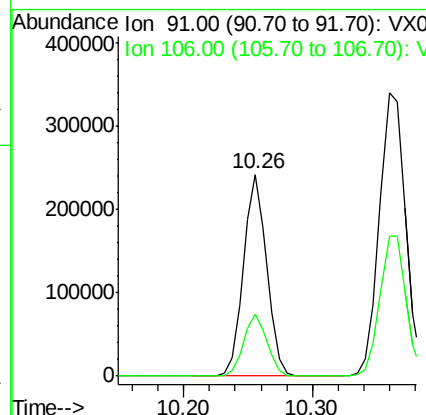
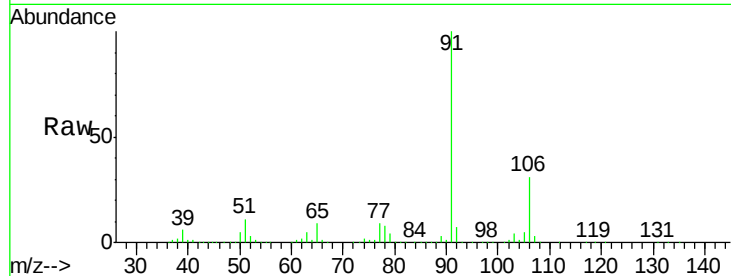
Time-->



#67
Ethyl Benzene
Concen: 18.66 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

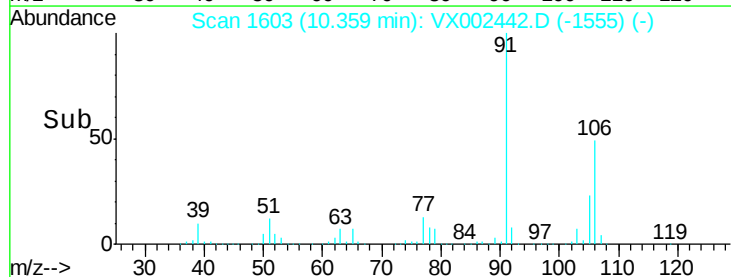
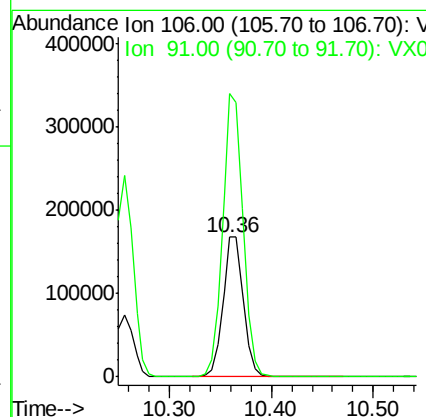
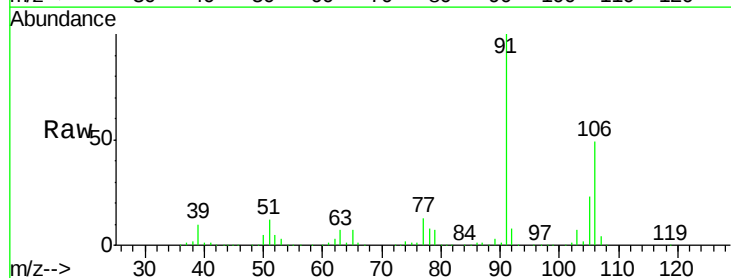
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

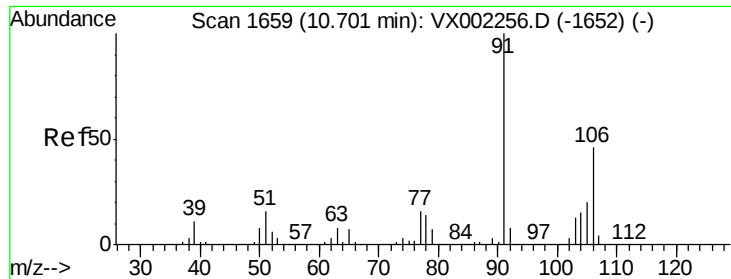
Tot Ion: 91 Resp: 301297
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3



#68
m/p-Xylenes
Concen: 37.36 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion: 106 Resp: 234453
Ion Ratio Lower Upper
106 100
91 201.9 163.4 245.2

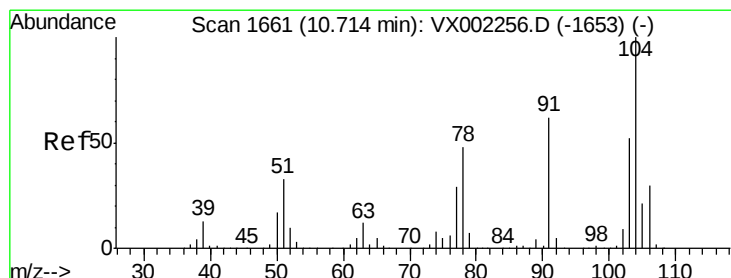
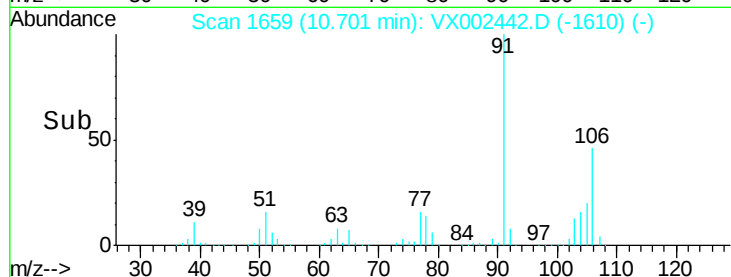
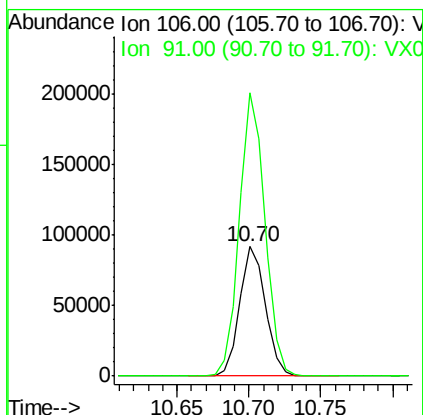
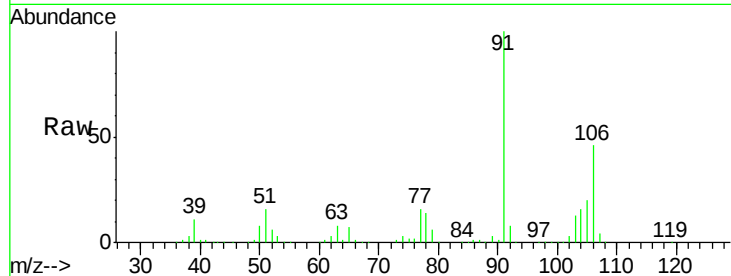




#69
o-Xylene
Concen: 18.27 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

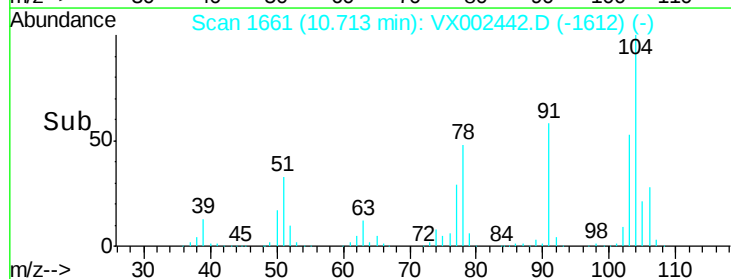
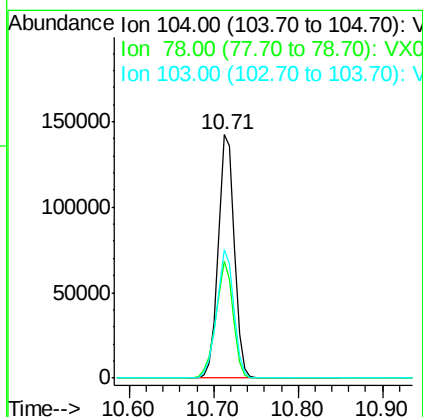
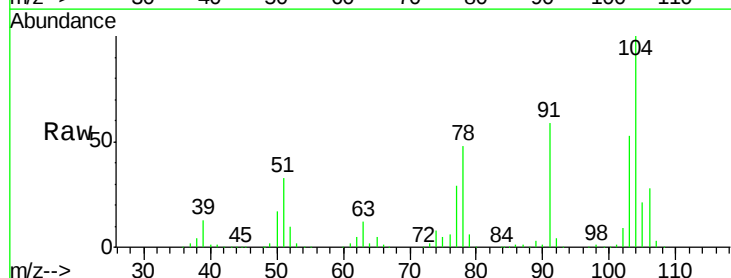
Instrument :
MSVOA_X
ClientSampled :
VX0611WBSD01

Tot Ion:106 Resp: 114075
Ion Ratio Lower Upper
106 100
91 216.8 108.2 324.6



#70
Styrene
Concen: 18.61 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion:104 Resp: 190018
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.6
103 56.0 44.2 66.4





#71

Bromoform

Concen: 16.95 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

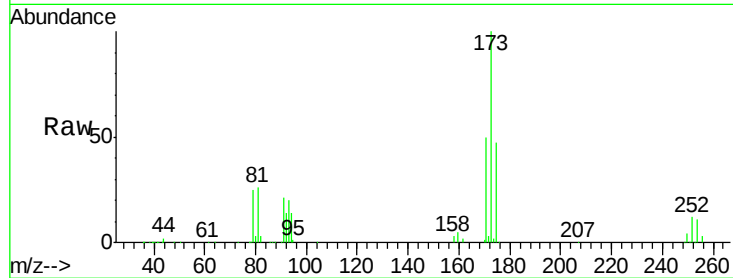
Tot Ion:173 Resp: 45328

Ion Ratio Lower Upper

173 100

175 48.9 24.7 74.1

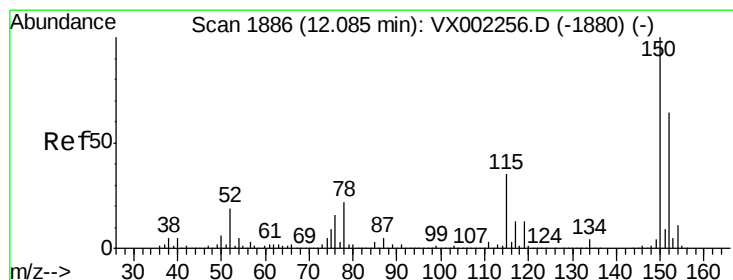
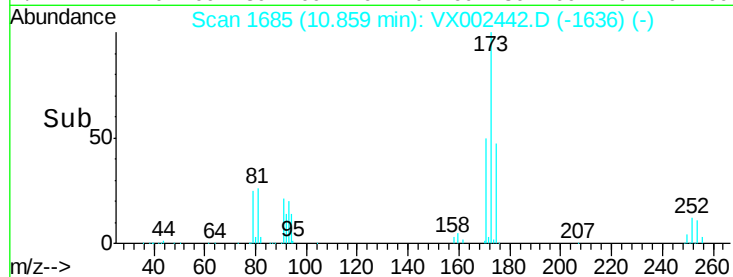
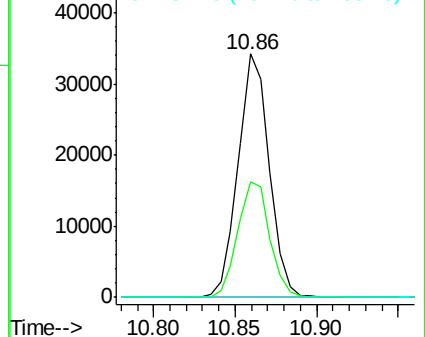
254 0.0 0.2 0.2#



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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

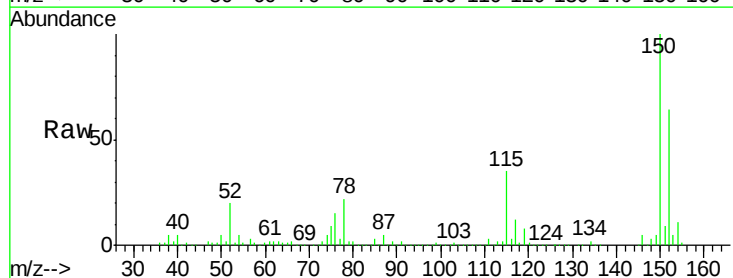
Tgt Ion:152 Resp: 240539

Ion Ratio Lower Upper

152 100

115 65.3 40.1 120.2

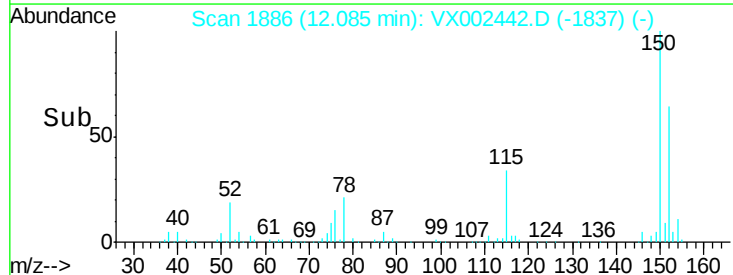
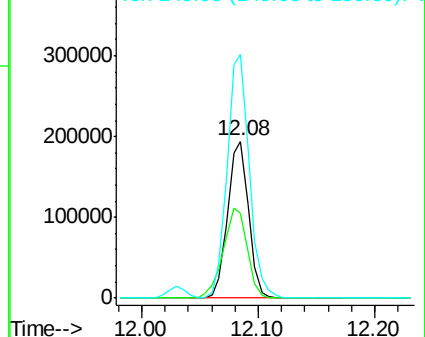
150 164.2 0.0 347.2

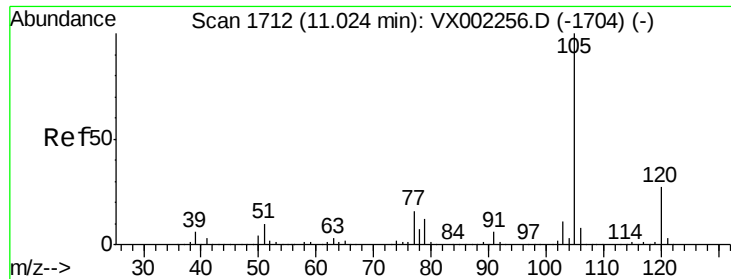


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.76 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

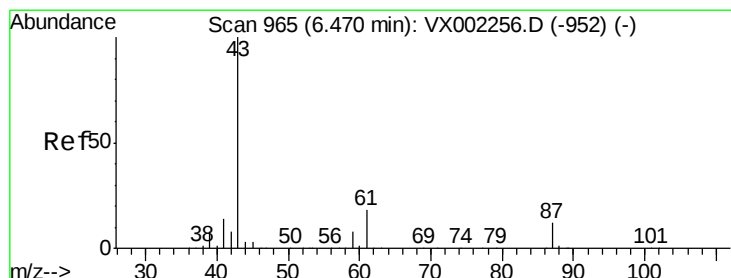
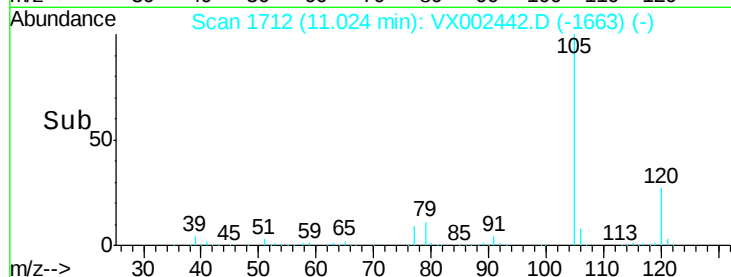
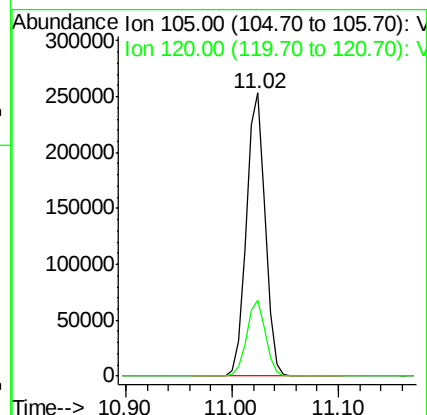
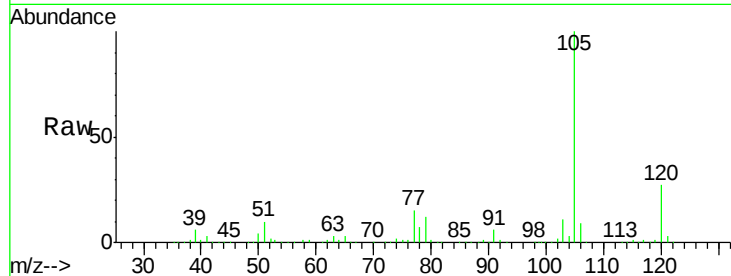
VX0611WBSD01

Tot Ion:105 Resp: 313930

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



#74

N-ethyl acetate

Concen: 17.04 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Tgt Ion: 43 Resp: 153668

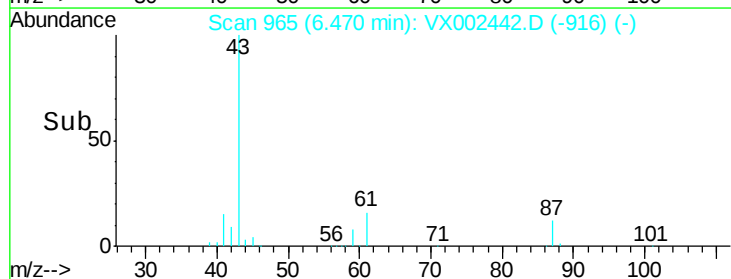
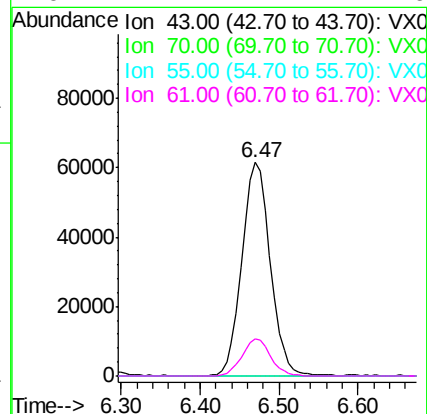
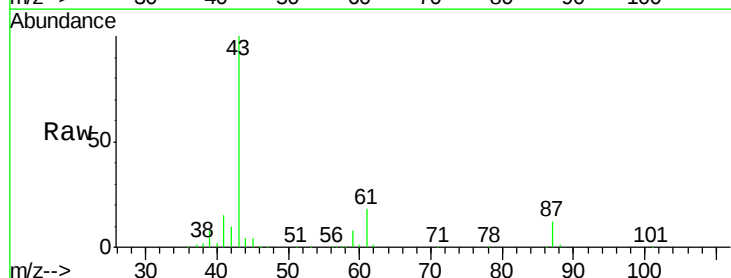
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.03 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

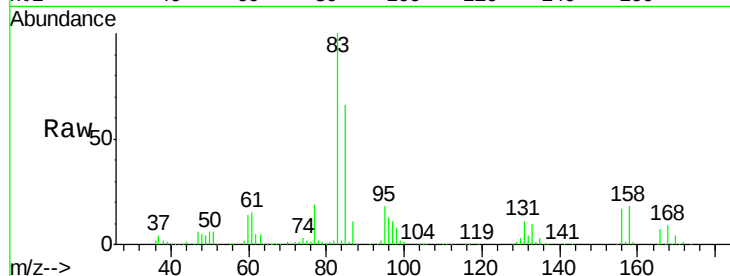
Tot Ion: 83 Resp: 94892

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

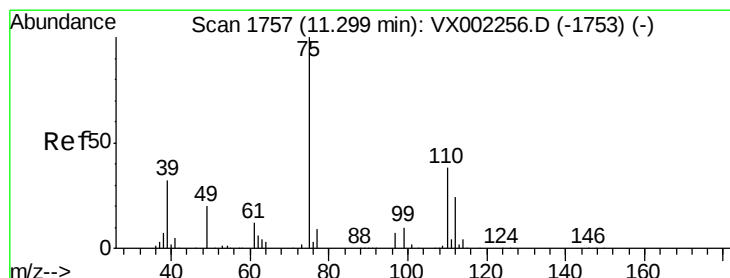
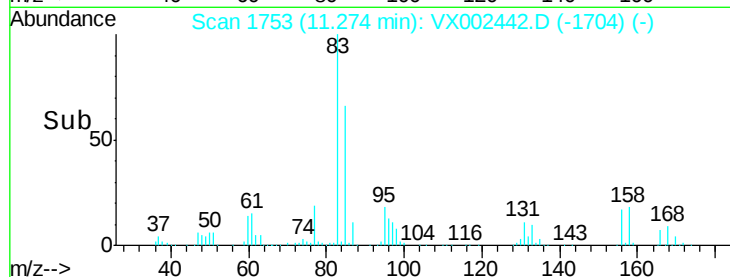
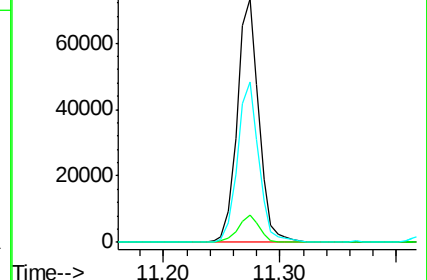
85 65.3 32.4 97.2



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: 20.49 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002442.D

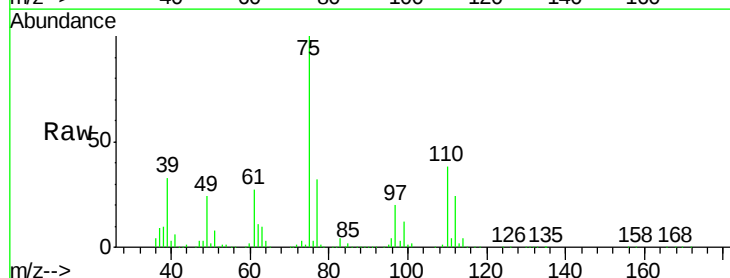
Acq: 11 Jun 2018 14:55

Tgt Ion: 75 Resp: 108169

Ion Ratio Lower Upper

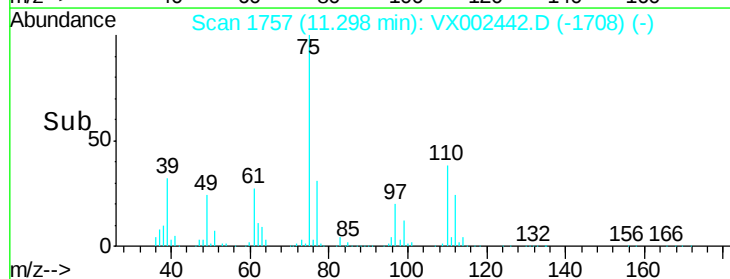
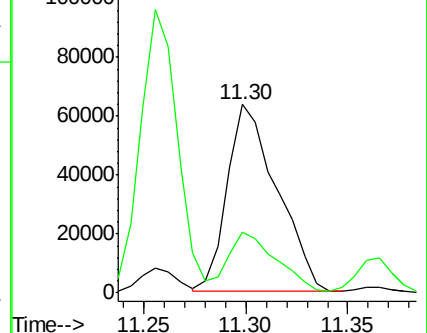
75 100

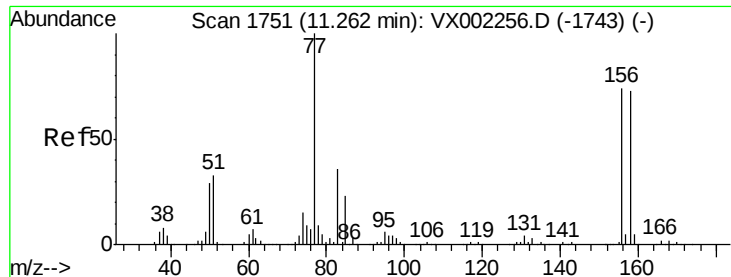
77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.83 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

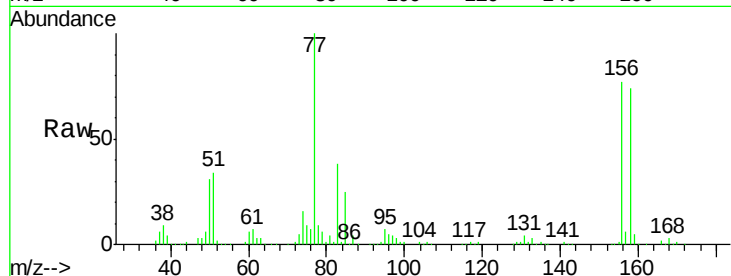
Tot Ion:156 Resp: 83769

Ion Ratio Lower Upper

156 100

77 144.9 71.4 214.2

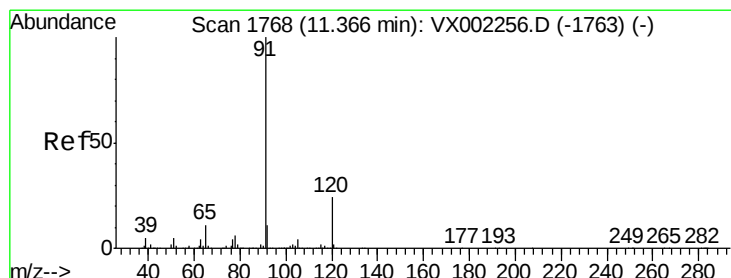
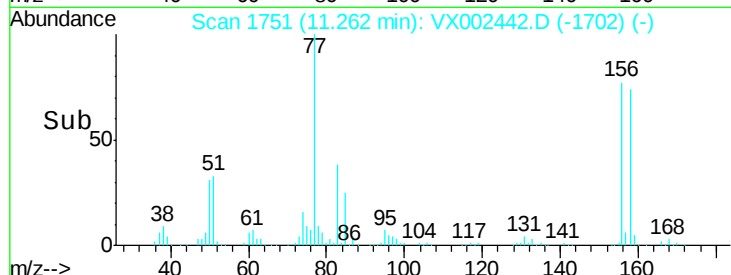
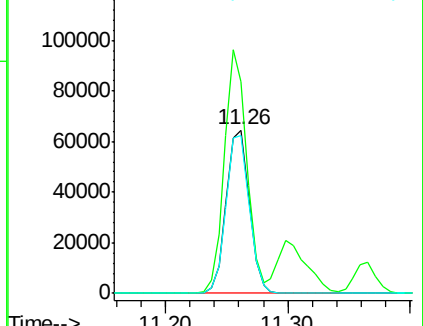
158 98.0 48.9 146.6



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: 19.34 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002442.D

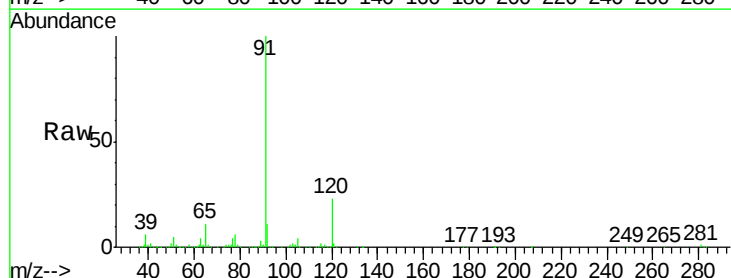
Acq: 11 Jun 2018 14:55

Tgt Ion: 91 Resp: 359642

Ion Ratio Lower Upper

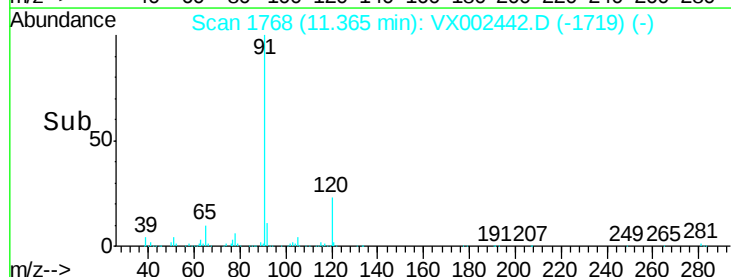
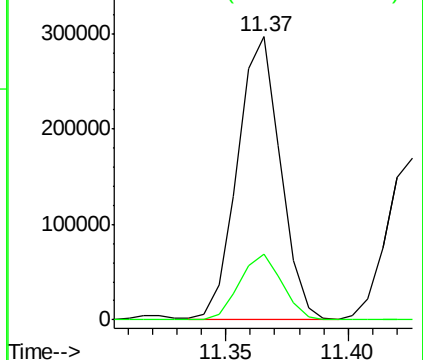
91 100

120 23.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

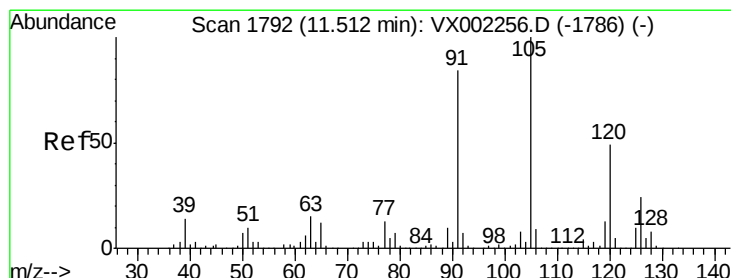
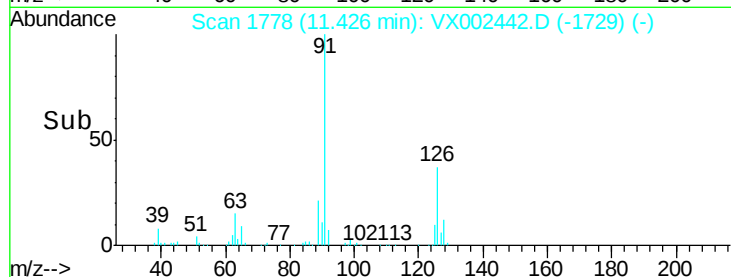
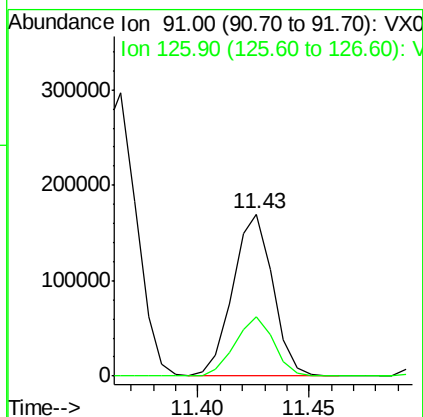
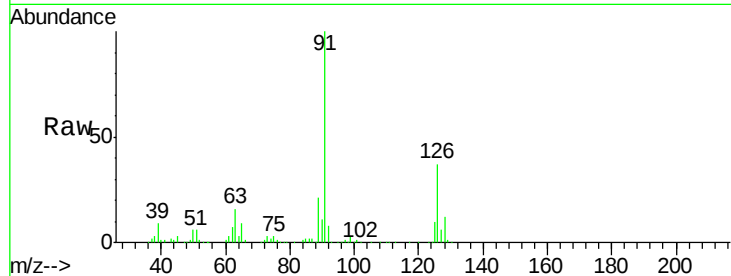




#79
 2-Chlorotoluene
 Concen: 17.90 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

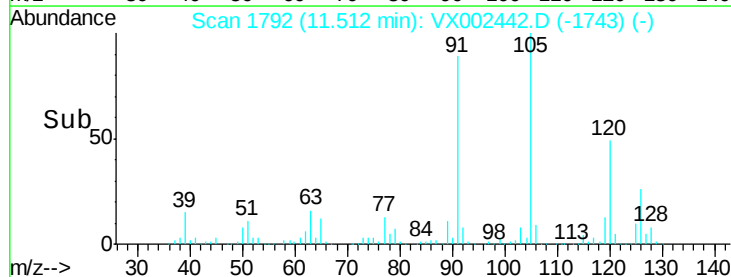
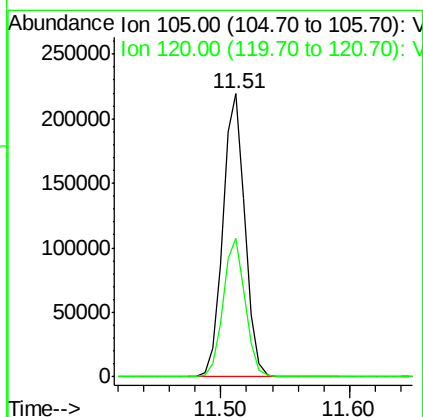
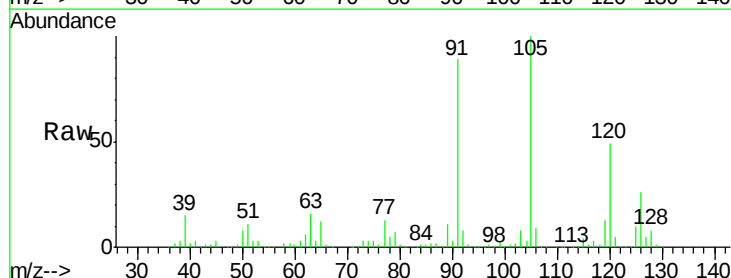
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

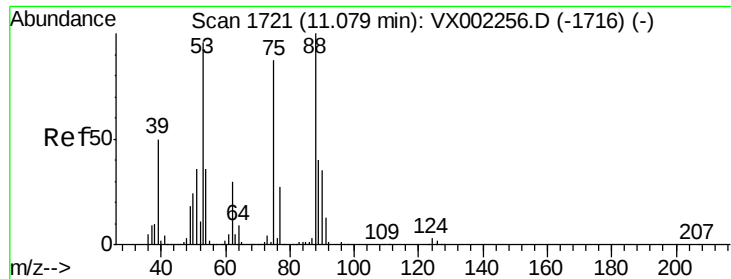
Tot Ion: 91 Resp: 210192
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.36 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Tgt Ion:105 Resp: 263455
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.87 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampled :

VX0611WBSD01

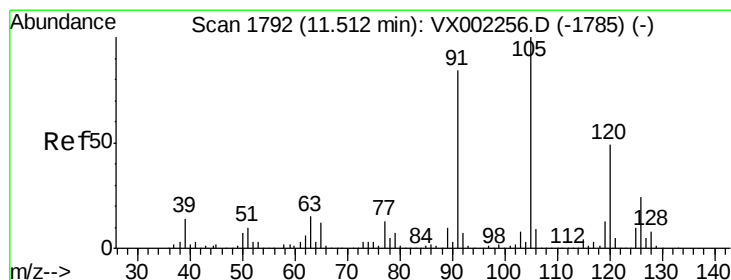
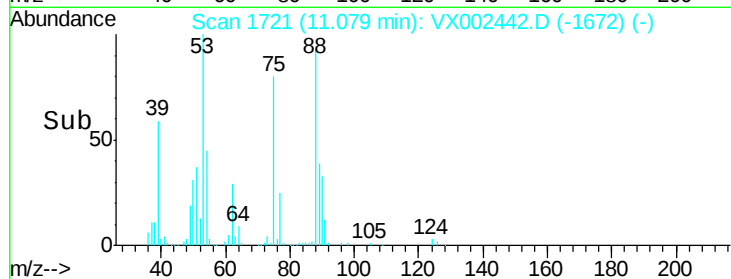
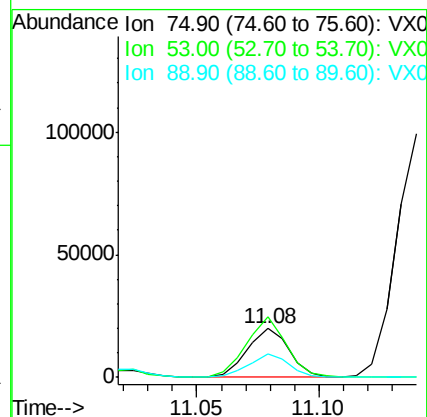
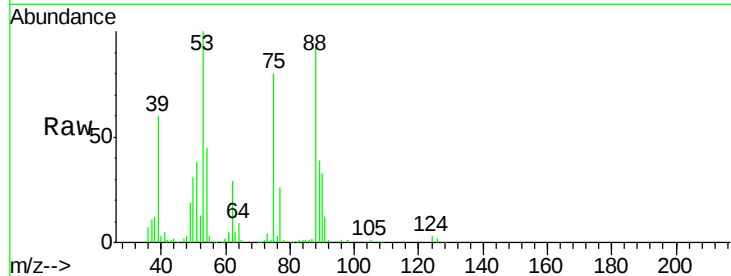
Tot Ion: 75 Resp: 23898

Ion Ratio Lower Upper

75 100

53 119.8 86.8 130.2

89 46.9 38.2 57.2



#82

4-Chlorotoluene

Concen: 18.47 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002442.D

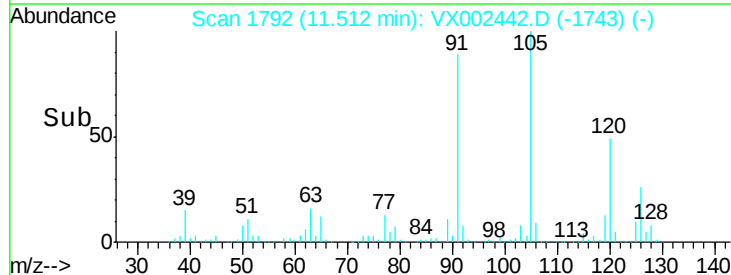
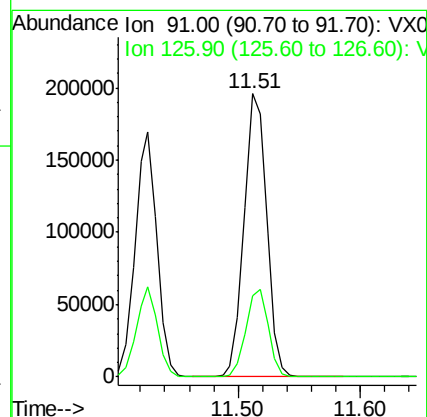
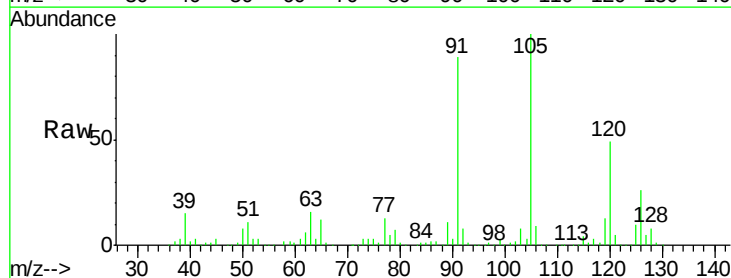
Acq: 11 Jun 2018 14:55

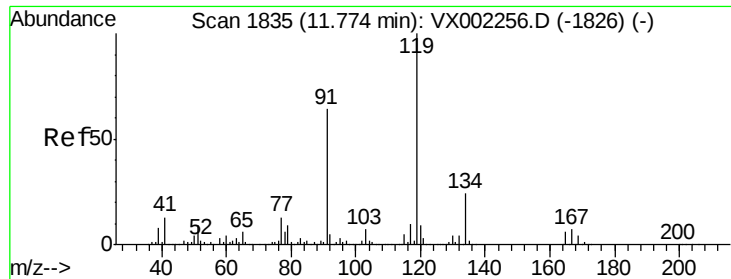
Tgt Ion: 91 Resp: 250406

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.4

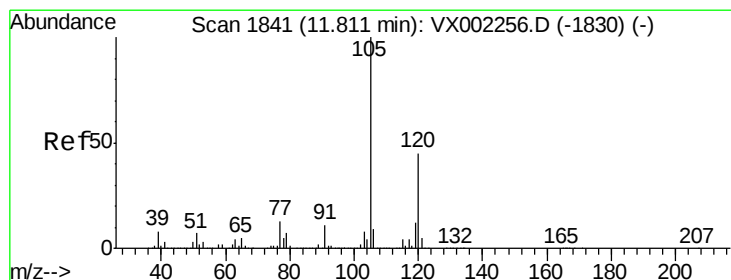
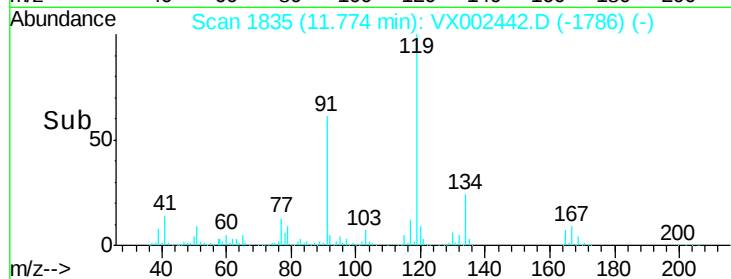
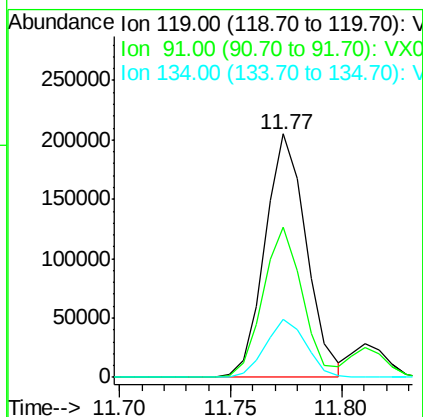
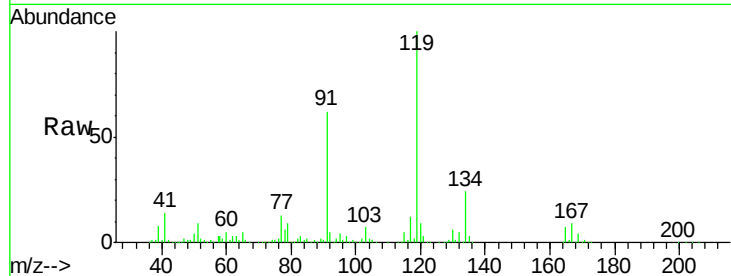




#83
 tert-Butylbenzene
 Concen: 18.89 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

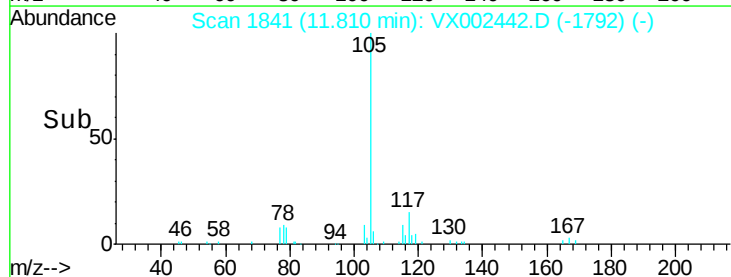
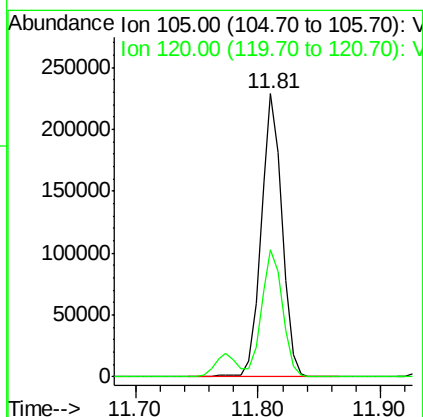
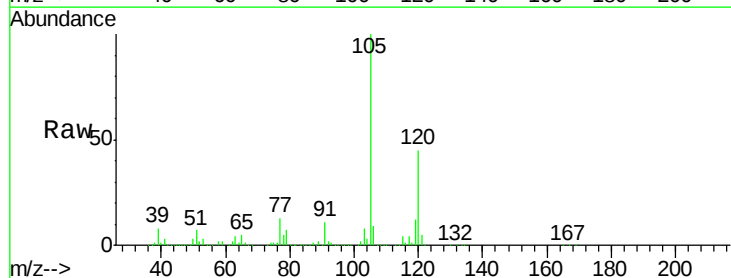
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0611WBSD01

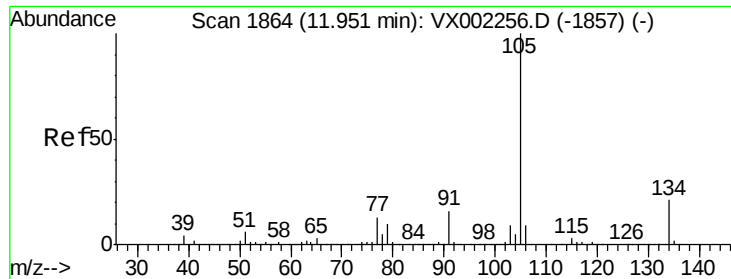
Tot Ion:119 Resp: 264007
 Ion Ratio Lower Upper
 119 100
 91 59.6 30.3 90.9
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.48 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Tgt Ion:105 Resp: 272991
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.50 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

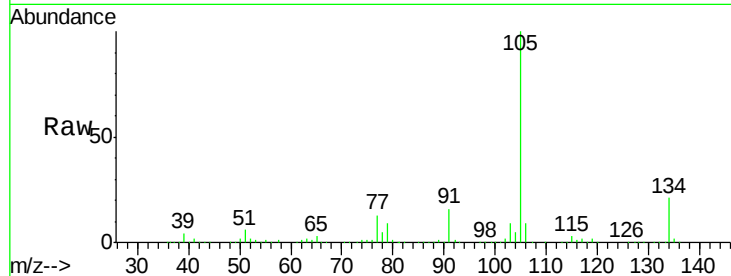
VX0611WBSD01

Tot Ion:105 Resp: 319537

Ion Ratio Lower Upper

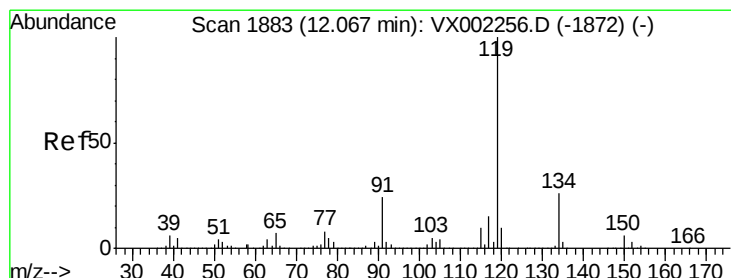
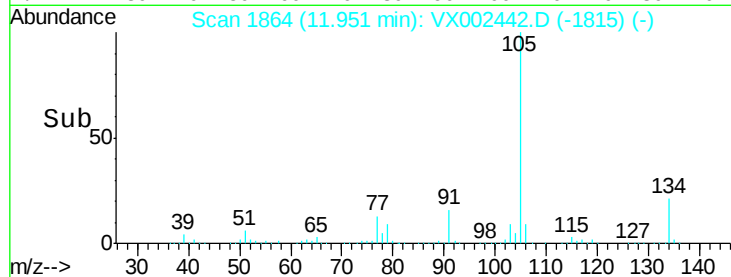
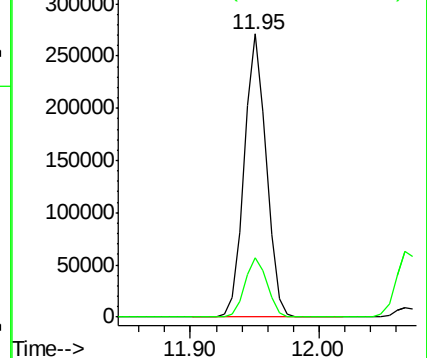
105 100

134 21.1 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: 19.46 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

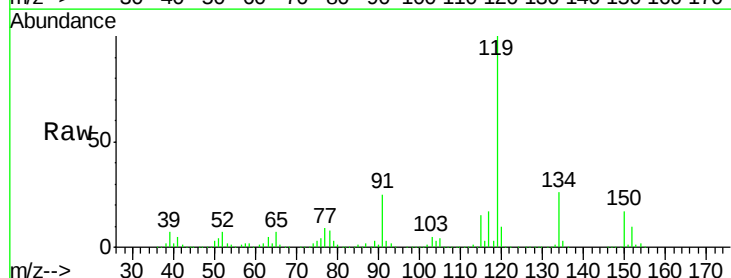
Tgt Ion:119 Resp: 290436

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

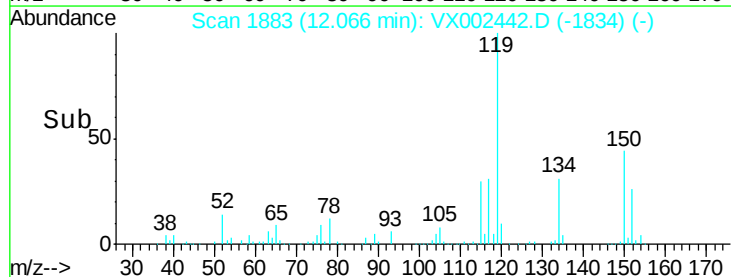
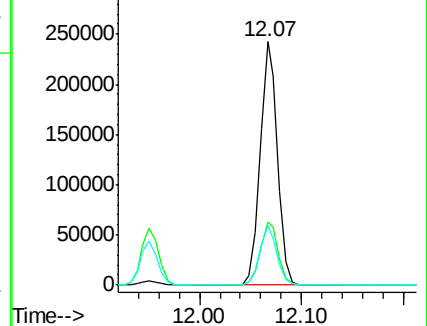
91 24.2 11.9 35.7

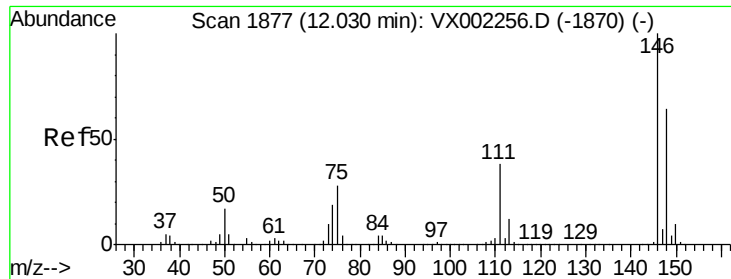


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

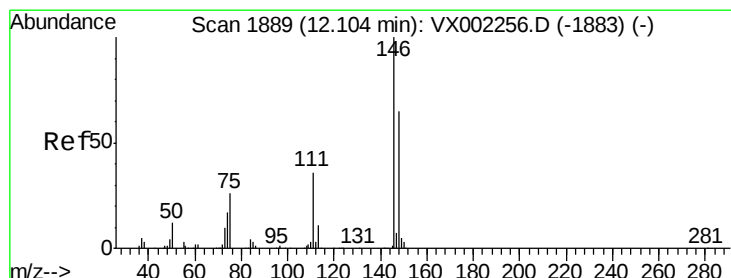
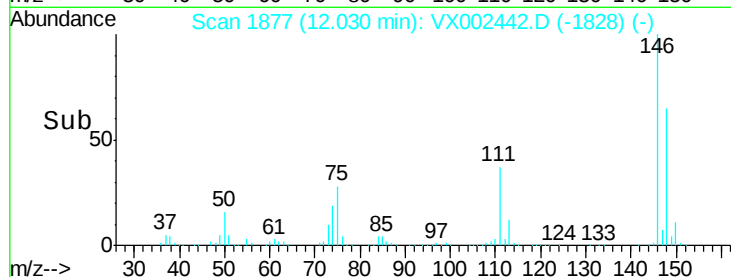
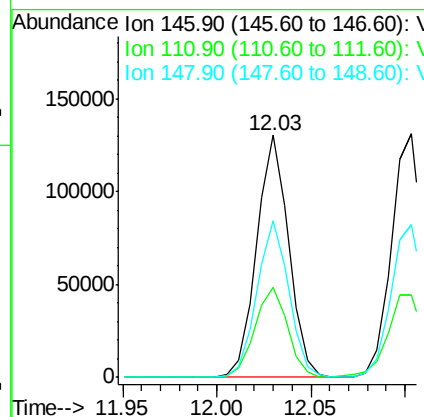
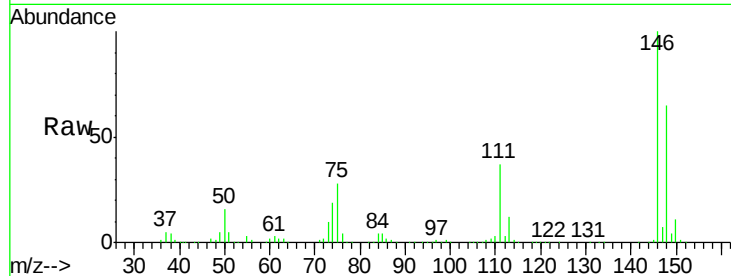




#87
 1,3-Dichlorobenzene
 Concen: 18.25 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

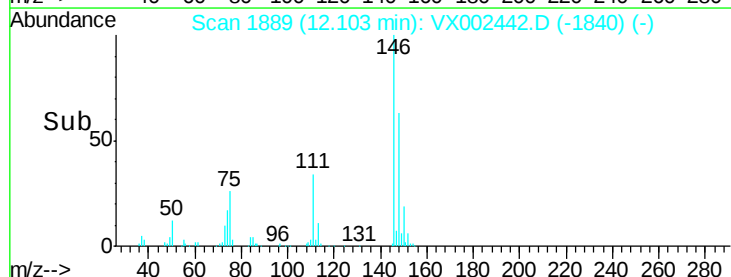
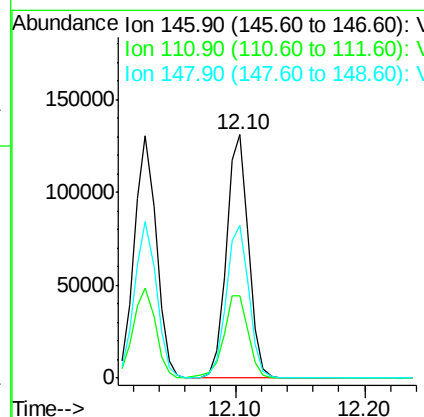
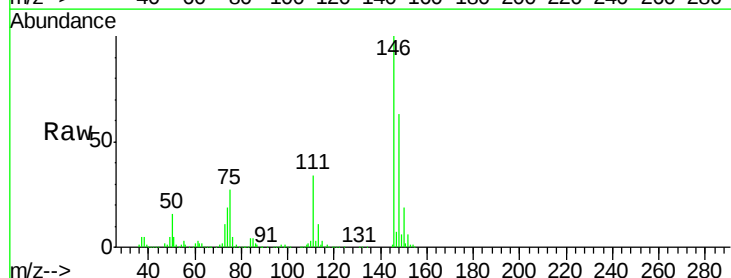
Instrument :
 MSVOA_X
 ClientSampled :
 VX0611WBSD01

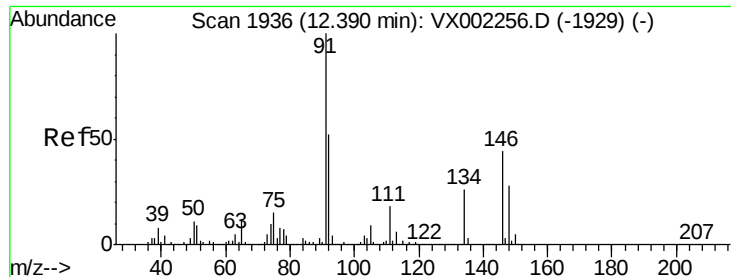
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	64.6	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.31 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.8	32.4	97.0

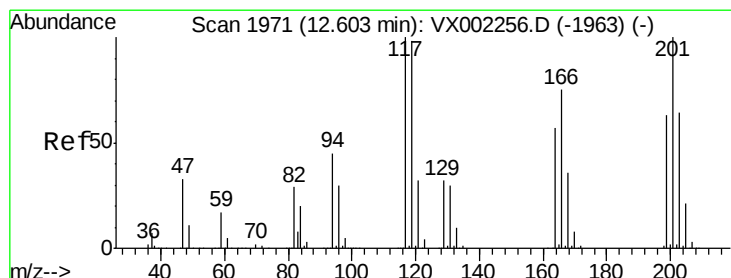
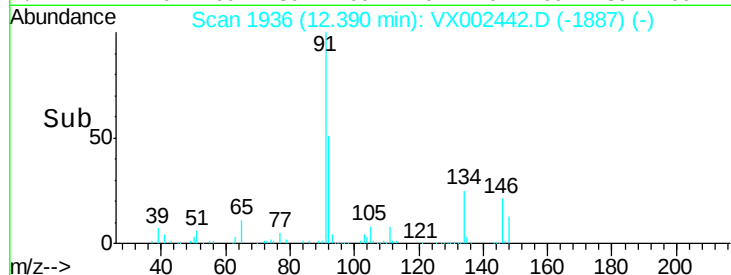
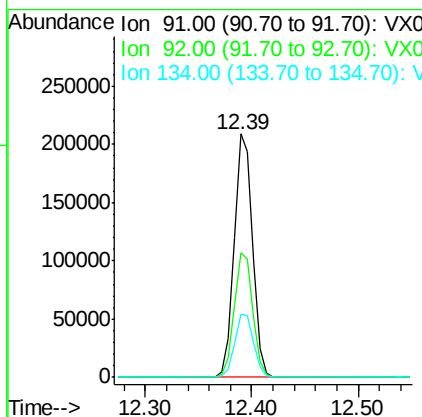
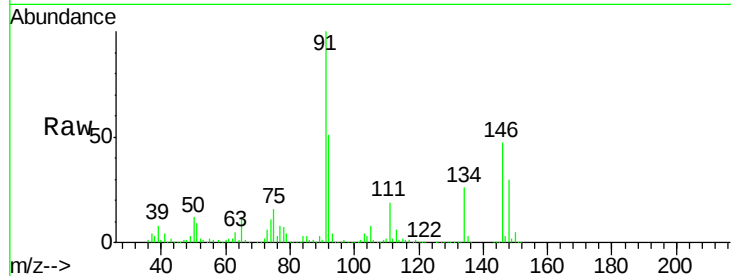




#89
n-Butylbenzene
Concen: 20.20 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

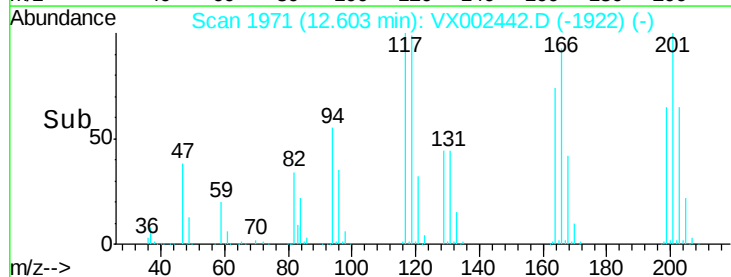
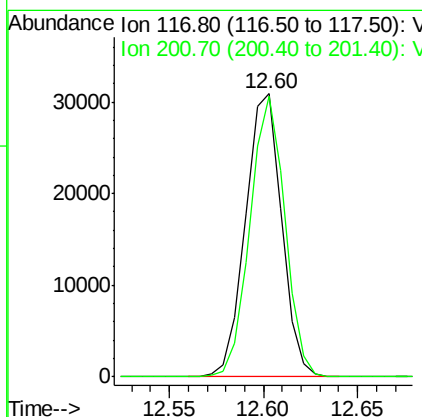
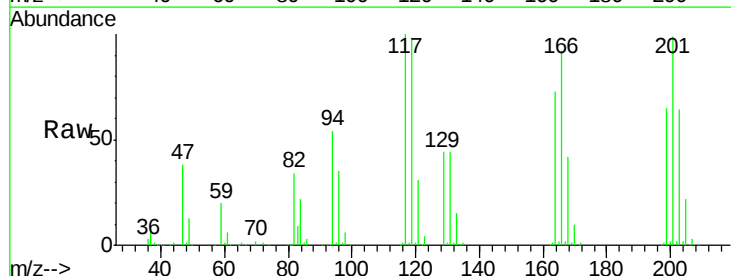
Instrument :
MSVOA_X
ClientSampleID :
VX0611WBSD01

Tot Ion: 91 Resp: 252791
Ion Ratio Lower Upper
91 100
92 51.4 26.0 78.0
134 26.6 13.5 40.5



#90
Hexachloroethane
Concen: 17.25 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion: 117 Resp: 41086
Ion Ratio Lower Upper
117 100
201 95.3 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 18.03 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBSD01

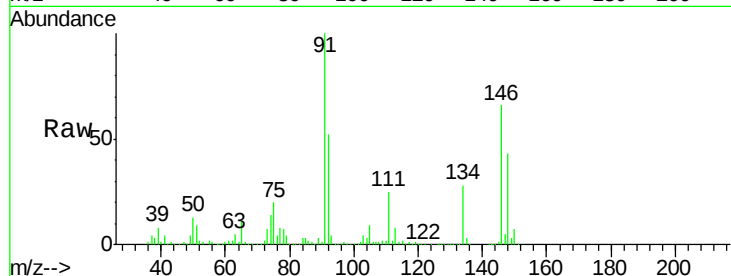
Tot Ion:146 Resp: 156691

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.1

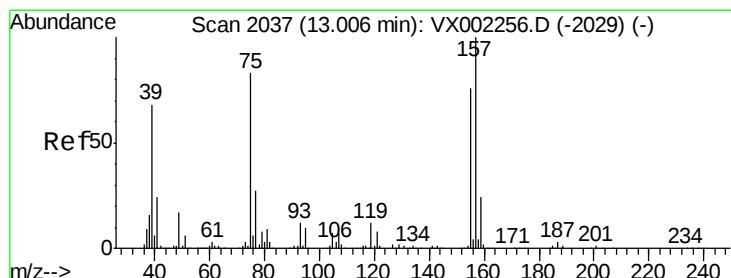
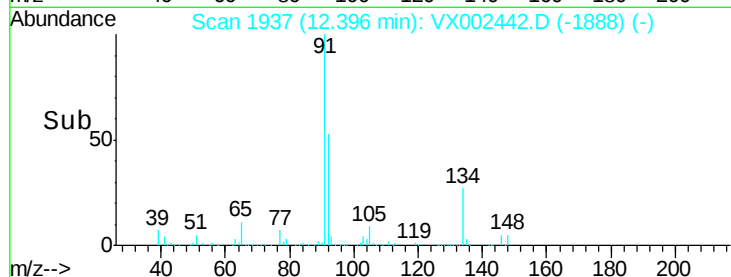
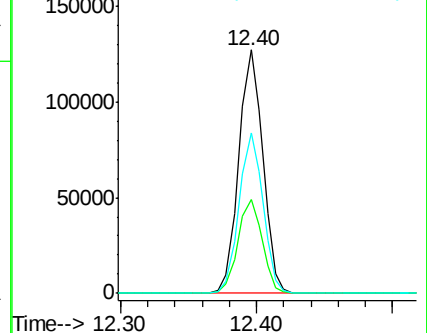
148 65.5 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.02 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002442.D

Acq: 11 Jun 2018 14:55

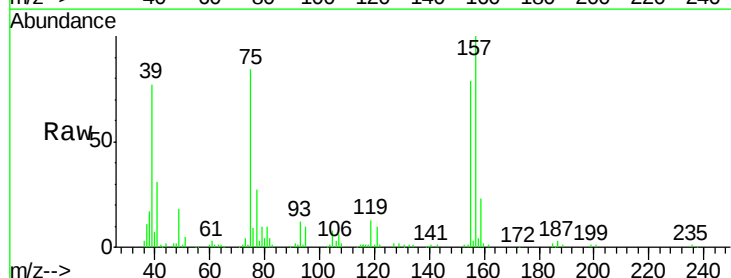
Tgt Ion: 75 Resp: 19588

Ion Ratio Lower Upper

75 100

155 94.6 45.8 137.4

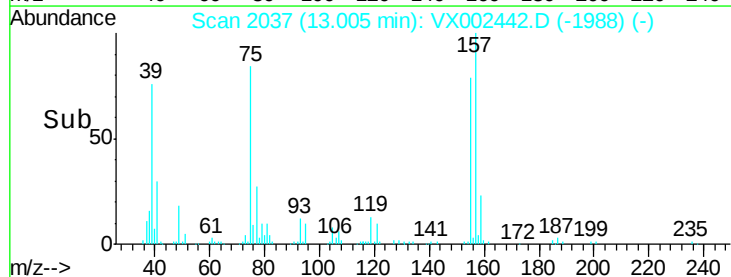
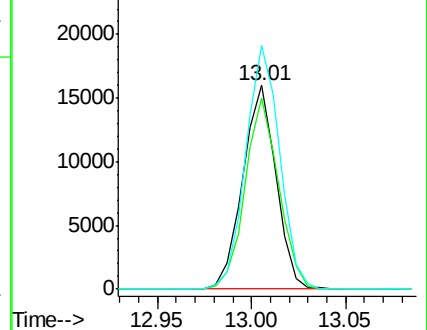
157 122.1 60.1 180.3

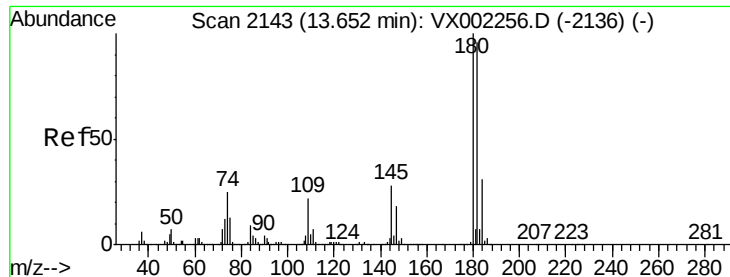


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

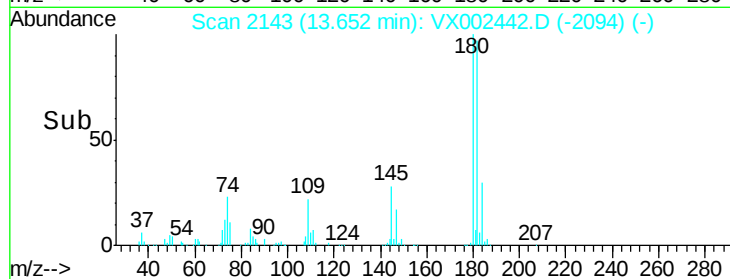
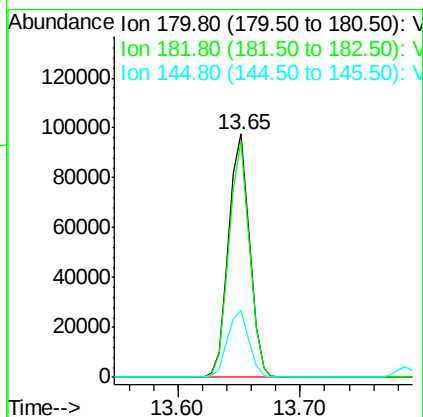
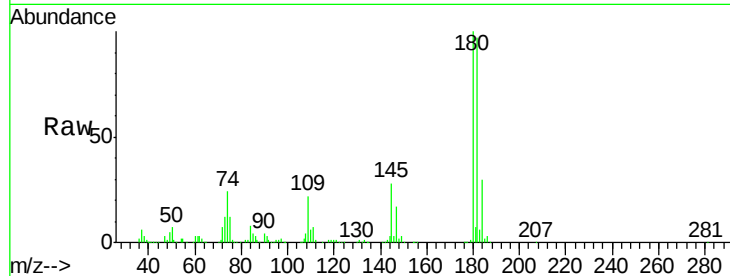




#93
 1,2,4-Trichlorobenzene
 Concen: 18.90 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

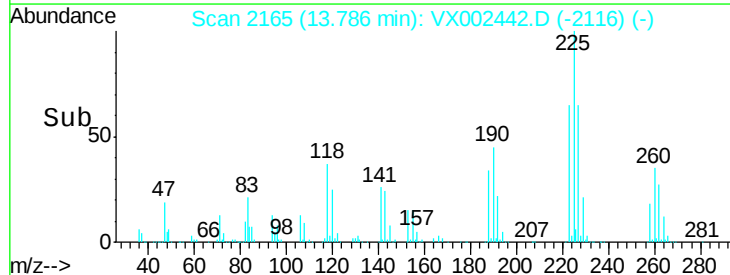
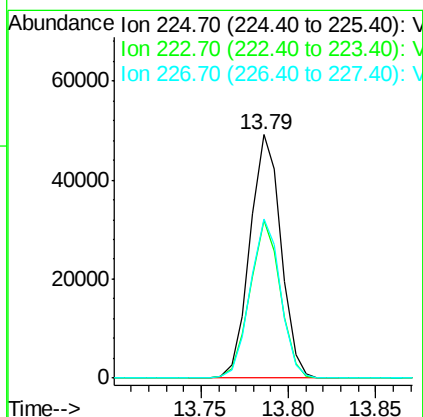
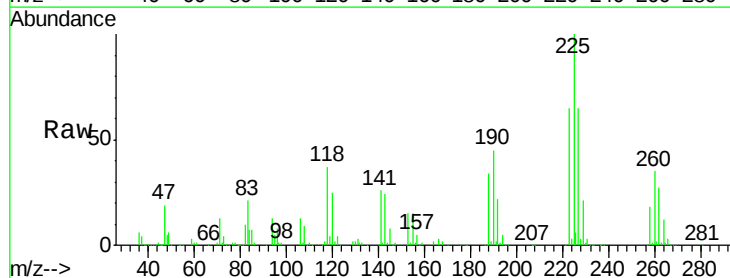
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBSD01

Tot Ion:180 Resp: 115181
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.07 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002442.D
 Acq: 11 Jun 2018 14:55

Tgt Ion:225 Resp: 60423
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.6 95.0
 227 64.0 32.4 97.2

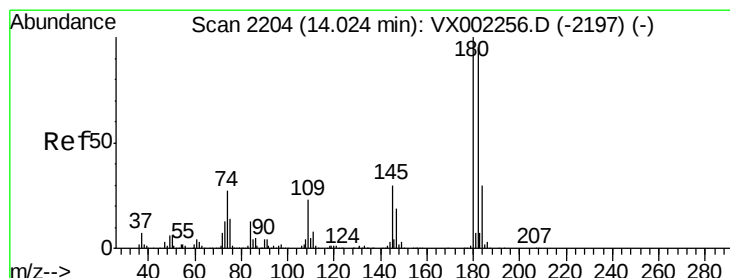
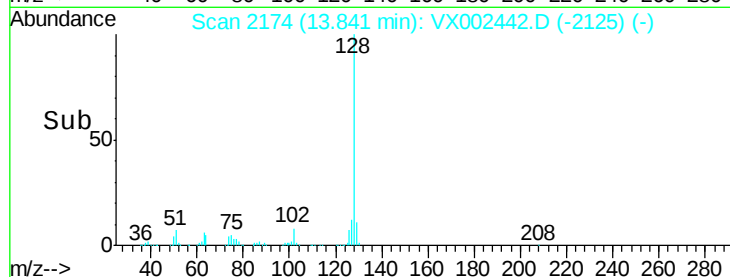
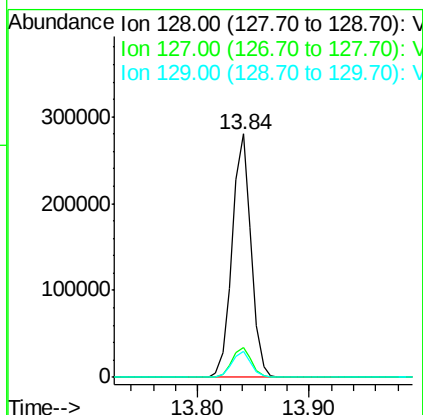
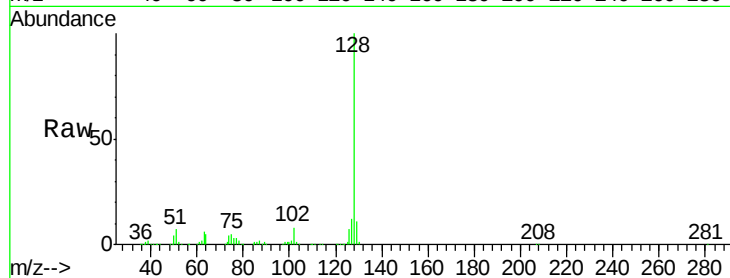




#95
Naphthalene
Concen: 18.65 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBSD01

Tot Ion:128 Resp: 326593
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.76 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002442.D
Acq: 11 Jun 2018 14:55

Tgt Ion:180 Resp: 116568
Ion Ratio Lower Upper
180 100
182 95.6 48.0 144.0
145 30.1 14.8 44.3

