

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060718\
 Data File : VX002382.D
 Acq On : 07 Jun 2018 17:14
 Operator : JC/MD
 Sample : VX0607WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Quant Time: Jun 08 01:45:49 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	212450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	181021	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149861	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.51	113	111432	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
50) Toluene-d8	8.72	98	417555	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
62) 4-Bromofluorobenzene	11.14	95	154296	42.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42392	19.19	ug/l	99
3) Chloromethane	1.32	50	50979	18.33	ug/l	98
4) Vinyl Chloride	1.40	62	54284	19.50	ug/l	97
5) Bromomethane	1.64	94	21819	11.27	ug/l	98
6) Chloroethane	1.73	64	41557	23.08	ug/l	98
7) Trichlorofluoromethane	1.93	101	92308	21.77	ug/l	100
8) Diethyl Ether	2.19	74	37429	23.57	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52059	22.75	ug/l	98
10) Methyl Iodide	2.51	142	31898	9.91	ug/l	99
11) Tert butyl alcohol	3.07	59	80134	118.27	ug/l	98
12) 1,1-Dichloroethene	2.38	96	45767	20.24	ug/l	99
13) Acrolein	2.30	56	25181	76.71	ug/l	97
14) Allyl chloride	2.73	41	95928	19.54	ug/l	98
15) Acrylonitrile	3.15	53	160848	119.34	ug/l	100
16) Acetone	2.45	43	170060	120.20	ug/l	98
17) Carbon Disulfide	2.57	76	105160	17.64	ug/l	97
18) Methyl Acetate	2.78	43	78572	24.44	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	192466	23.15	ug/l	100
20) Methylene Chloride	2.86	84	56954	22.17	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	49786	19.96	ug/l	98
22) Diisopropyl ether	3.88	45	172115	20.10	ug/l	99
23) Vinyl Acetate	3.83	43	758920	95.38	ug/l	99
24) 1,1-Dichloroethane	3.70	63	90584	18.67	ug/l	100
25) 2-Butanone	4.71	43	212798	102.16	ug/l	99
26) 2,2-Dichloropropane	4.59	77	63958	16.87	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	52736	19.44	ug/l	95
28) Bromochloromethane	5.03	49	46813	20.60	ug/l	99
29) Tetrahydrofuran	5.17	42	134393	100.07	ug/l	99
30) Chloroform	5.22	83	90688	19.37	ug/l	100
31) Cyclohexane	5.58	56	74345	19.38	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	74390	18.74	ug/l	99
36) 1,1-Dichloropropene	5.81	75	60232	18.24	ug/l	98
37) Ethyl Acetate	4.87	43	81284	20.47	ug/l	99
38) Carbon Tetrachloride	5.79	117	62843	18.19	ug/l	98

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Instrument :
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 ClientSampleId :
 VX0607WBSD01

Quant Time: Jun 08 01:45:49 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	75831	18.75	ug/l	98
40) Benzene	6.15	78	195864	19.35	ug/l	97
41) Methacrylonitrile	5.06	41	45760	20.13	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81776	20.33	ug/l	100
43) Isopropyl Acetate	6.47	43	132633	19.67	ug/l	99
44) Trichloroethene	7.22	130	52585	18.72	ug/l	99
45) 1,2-Dichloropropane	7.52	63	53193	19.46	ug/l	97
46) Dibromomethane	7.67	93	36326	19.61	ug/l	99
47) Bromodichloromethane	7.90	83	61935	18.48	ug/l	97
48) Methyl methacrylate	7.78	41	67942	20.06	ug/l	99
49) 1,4-Dioxane	7.76	88	25981	410.17	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	431758	102.80	ug/l	100
52) Toluene	8.79	92	122995	19.10	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	74077	18.43	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	65983	17.40	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	54114	20.43	ug/l	98
56) Ethyl methacrylate	9.18	69	83266	19.69	ug/l	99
57) 1,3-Dichloropropane	9.38	76	89000	20.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	194713	99.50	ug/l	100
59) 2-Hexanone	9.50	43	333666	102.85	ug/l	99
60) Dibromochloromethane	9.59	129	48808	18.32	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56219	20.36	ug/l	99
64) Tetrachloroethene	9.34	164	57069	18.42	ug/l	99
65) Chlorobenzene	10.14	112	142690	19.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	50527	18.66	ug/l	99
67) Ethyl Benzene	10.26	91	239556	19.15	ug/l	99
68) m/p-Xylenes	10.37	106	185699	38.18	ug/l	98
69) o-Xylene	10.70	106	91131	18.83	ug/l	100
70) Styrene	10.72	104	149747	18.93	ug/l	100
71) Bromoform	10.86	173	35482	17.08	ug/l #	98
73) Isopropylbenzene	11.02	105	248343	19.72	ug/l	100
74) N-amyl acetate	6.47	43	132633	19.55	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81609	20.61	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	84863	21.36	ug/l	81
77) Bromobenzene	11.26	156	67671	19.14	ug/l	99
78) n-propylbenzene	11.37	91	276556	19.76	ug/l	100
79) 2-Chlorotoluene	11.43	91	164204	18.58	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	208545	19.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14067	12.41	ug/l #	84
82) 4-Chlorotoluene	11.51	91	194416	19.06	ug/l	99
83) tert-Butylbenzene	11.77	119	204744	19.47	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	217497	19.56	ug/l	99
85) sec-Butylbenzene	11.95	105	249664	20.25	ug/l	100
86) p-Isopropyltoluene	12.07	119	222988	19.85	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	120413	19.05	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	120499	18.49	ug/l	100
89) n-Butylbenzene	12.39	91	184555	19.59	ug/l	100
90) Hexachloroethane	12.60	117	27593	15.39	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	124549	19.04	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16850	19.45	ug/l	97

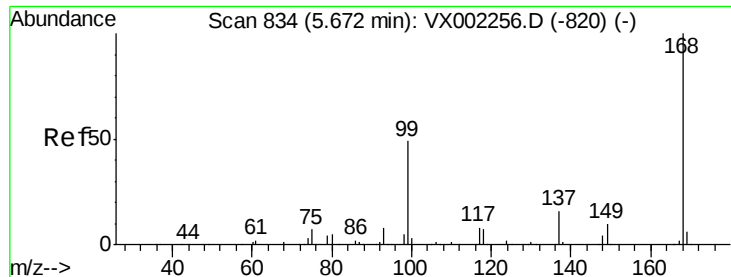
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060718\
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Acq On : 07 Jun 2018 17:14
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ClientSampleId :
VX0607WBSD01

Quant Time: Jun 08 01:45:49 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	86595	18.88	ug/l	99
94) Hexachlorobutadiene	13.79	225	44971	19.84	ug/l	98
95) Naphthalene	13.84	128	268423	20.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92355	19.75	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: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

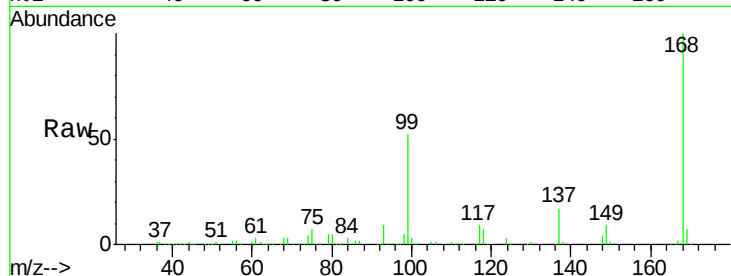
VX0607WBSD01

Tot Ion:168 Resp: 212450

Ion Ratio Lower Upper

168 100

99 51.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

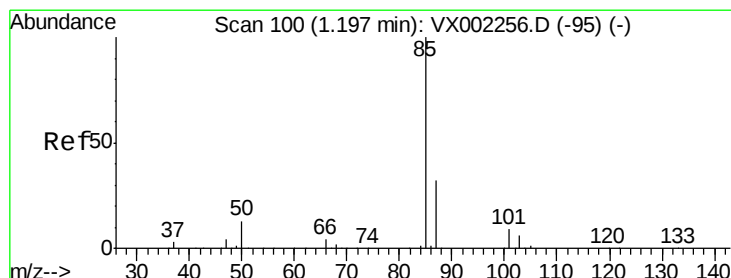
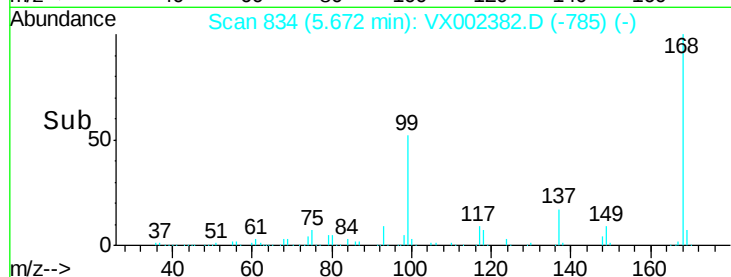
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.19 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002382.D

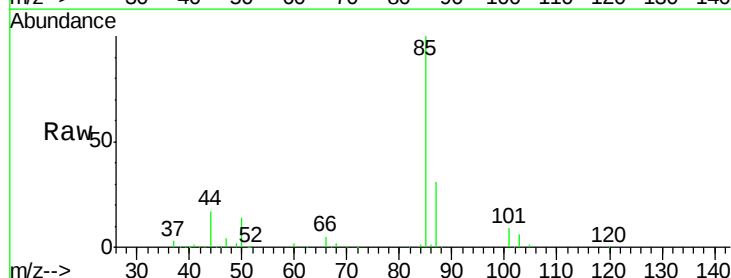
Acq: 07 Jun 2018 17:14

Tgt Ion: 85 Resp: 42392

Ion Ratio Lower Upper

85 100

87 31.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

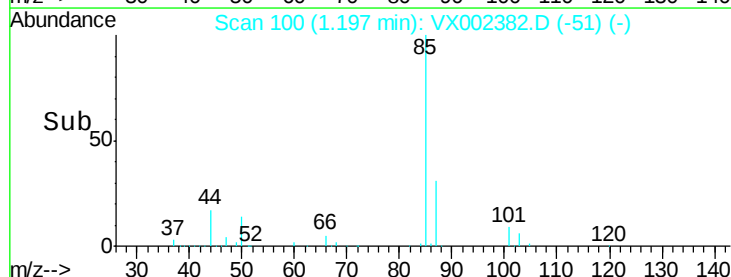
20000

10000

0

Time-->

1.15 1.20 1.25 1.30

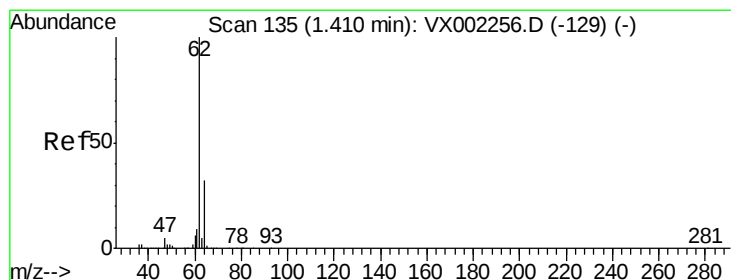
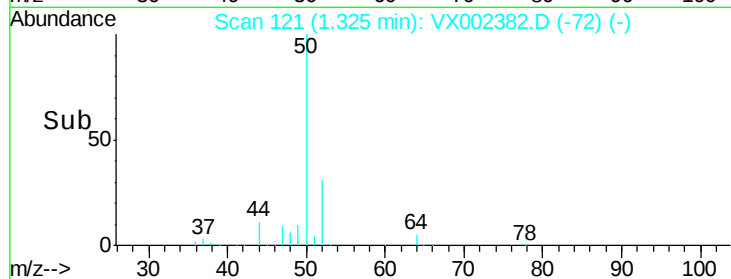
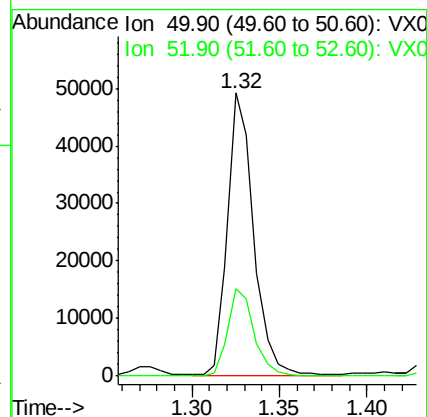
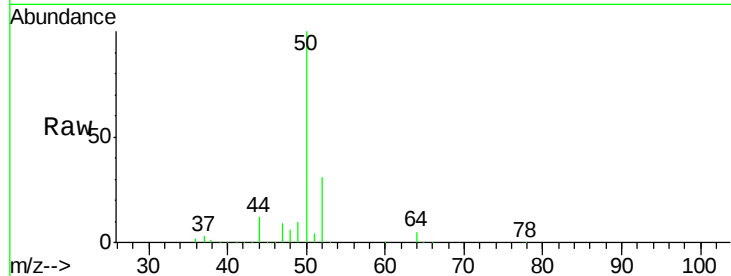




#3
Chloromethane
Concen: 18.33 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

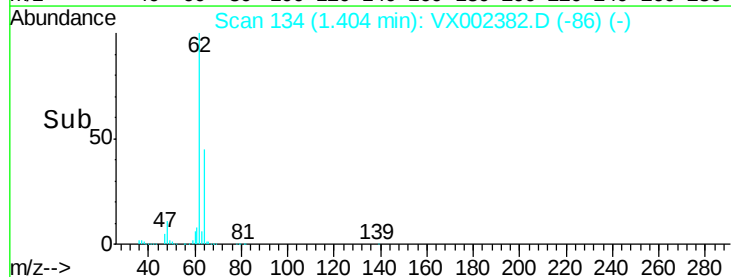
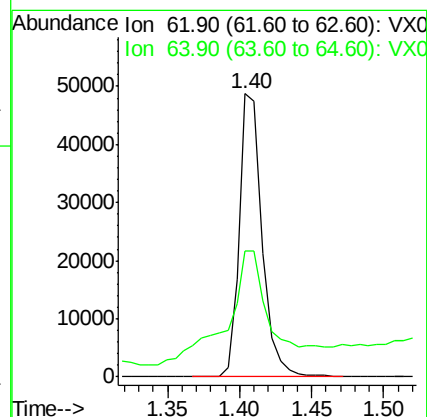
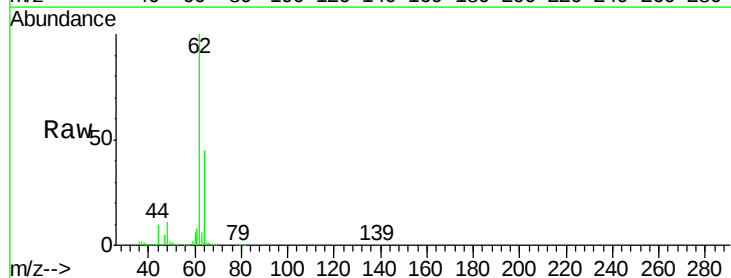
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tot Ion: 50 Resp: 50979
Ion Ratio Lower Upper
50 100
52 30.9 25.7 38.5



#4
Vinyl Chloride
Concen: 19.50 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 62 Resp: 54284
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.2





#5

Bromomethane

Concen: 11.27 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

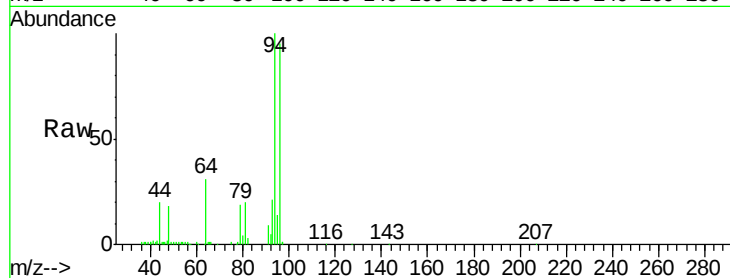
VX0607WBSD01

Tot Ion: 94 Resp: 21819

Ion Ratio Lower Upper

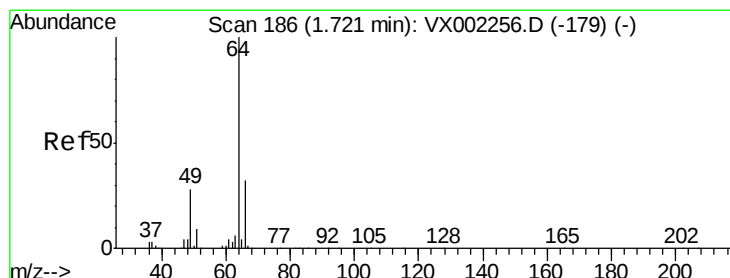
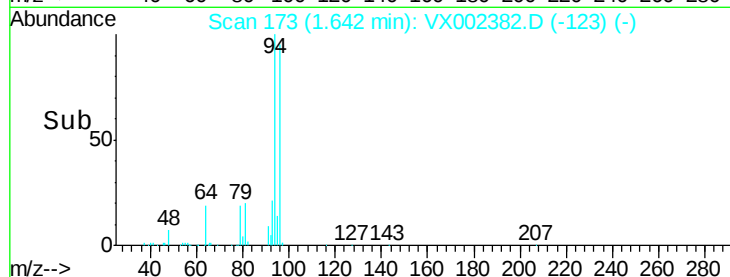
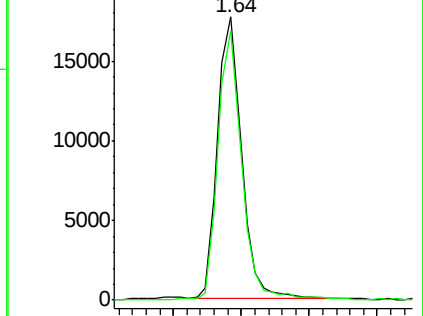
94 100

96 95.1 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: 23.08 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002382.D

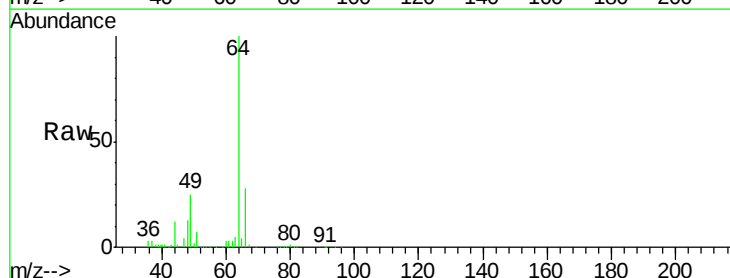
Acq: 07 Jun 2018 17:14

Tgt Ion: 64 Resp: 41557

Ion Ratio Lower Upper

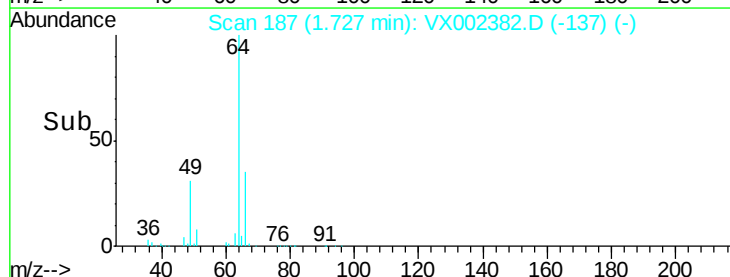
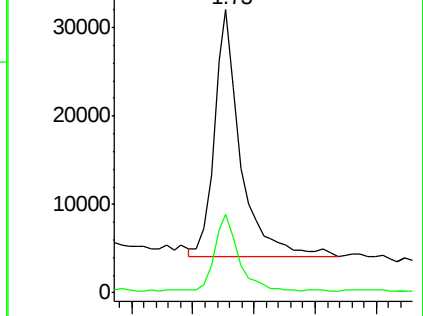
64 100

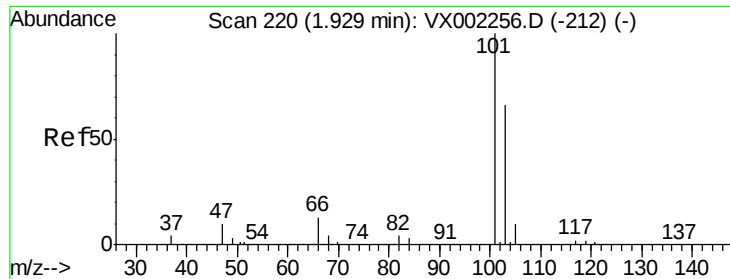
66 30.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



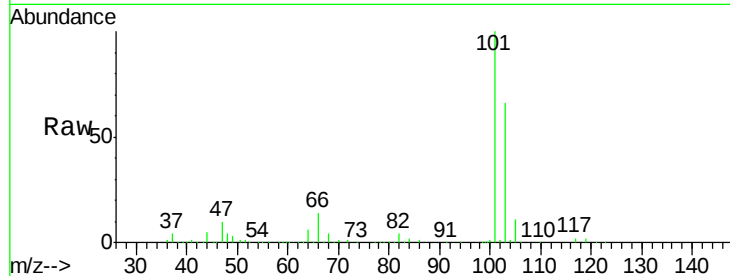


#7

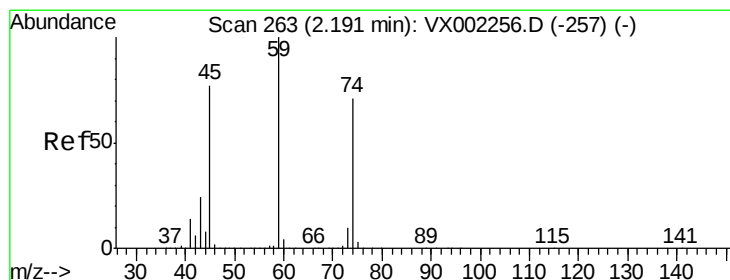
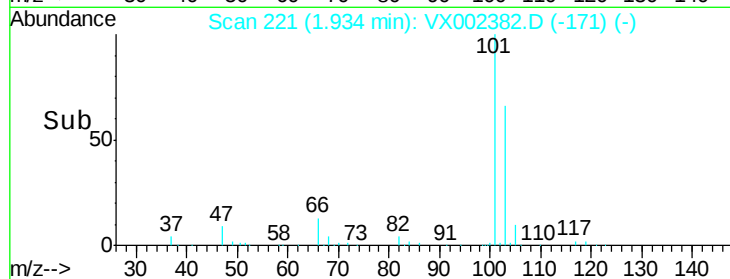
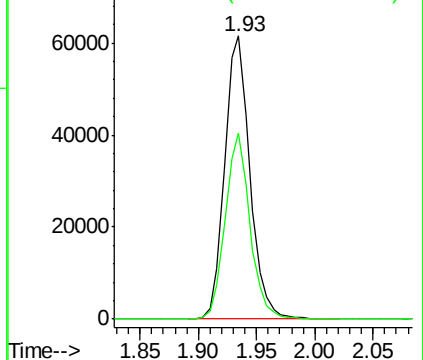
Trichlorofluoromethane
 Concen: 21.77 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tot Ion:101 Resp: 92308
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.8 79.2



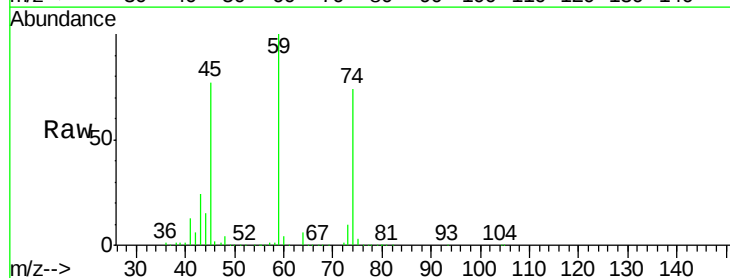
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



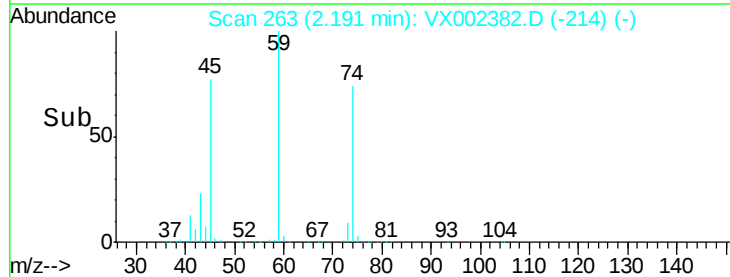
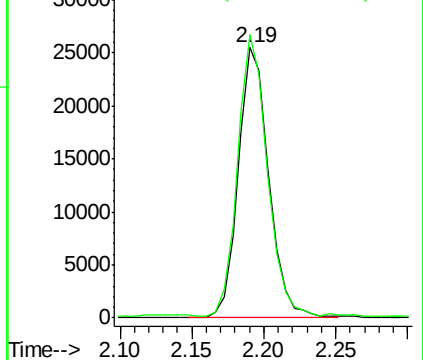
#8

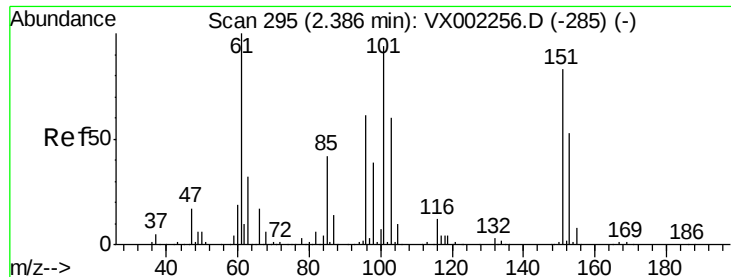
Diethyl Ether
 Concen: 23.57 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion: 74 Resp: 37429
 Ion Ratio Lower Upper
 74 100
 45 102.7 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.75 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

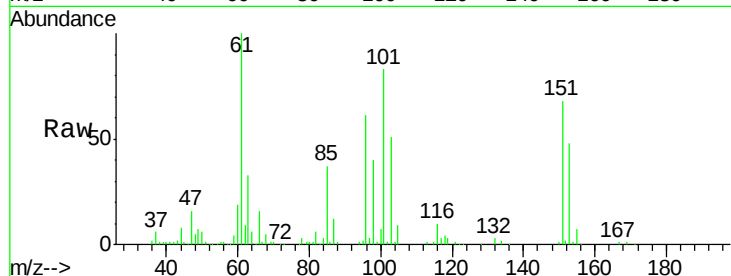
Tot Ion:101 Resp: 52059

Ion Ratio Lower Upper

101 100

85 46.4 36.0 54.0

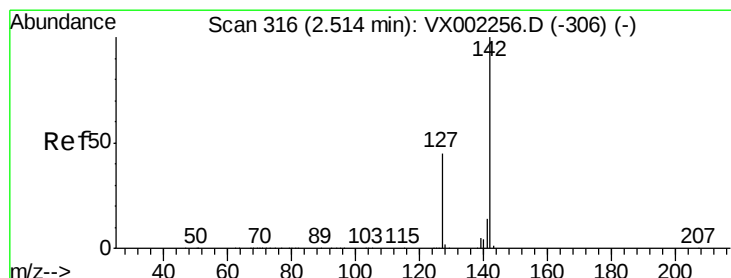
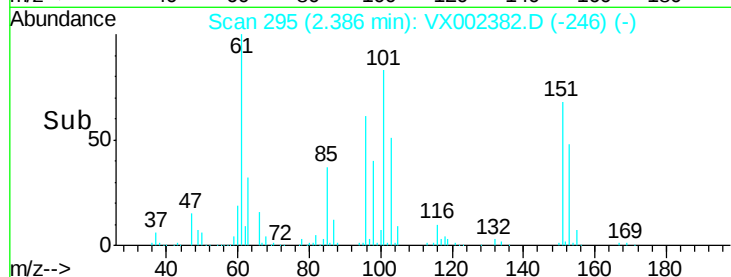
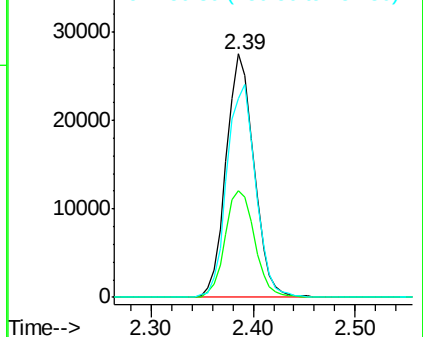
151 90.0 70.9 106.3



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: 9.91 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

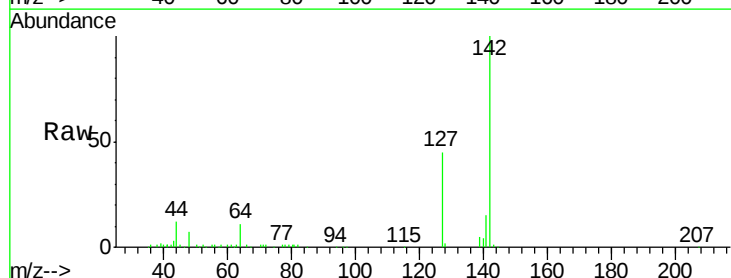
Tgt Ion:142 Resp: 31898

Ion Ratio Lower Upper

142 100

127 46.1 36.6 55.0

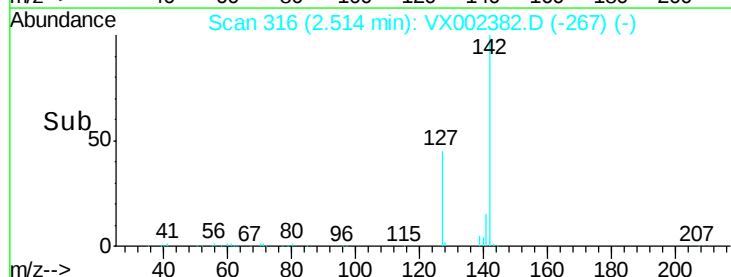
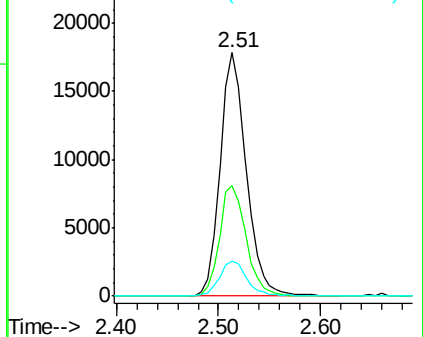
141 15.1 11.3 16.9

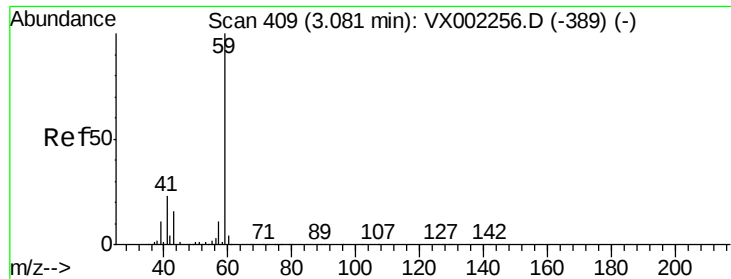


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



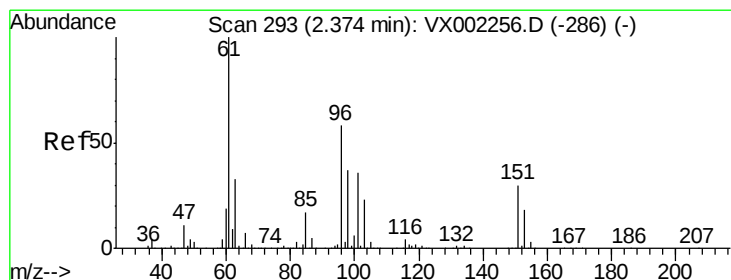
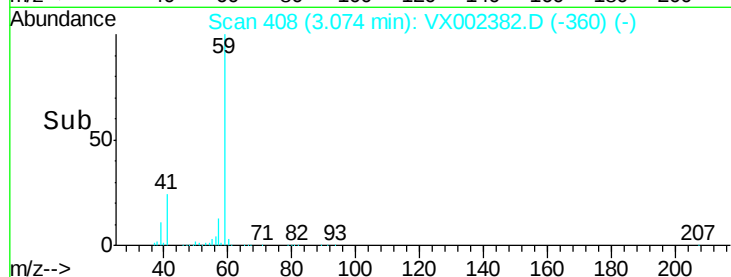
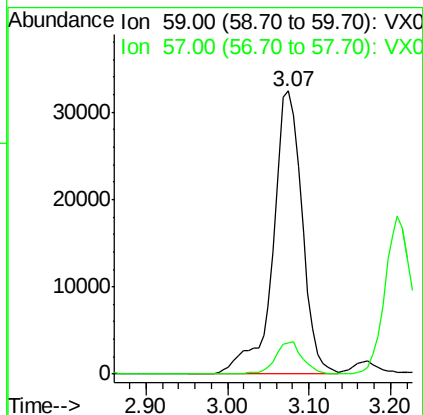
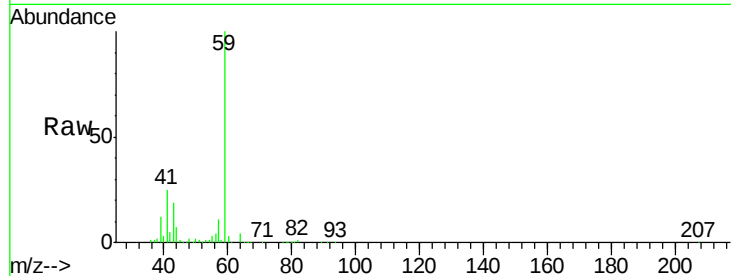


#11

Tert butyl alcohol
 Concen: 118.27 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

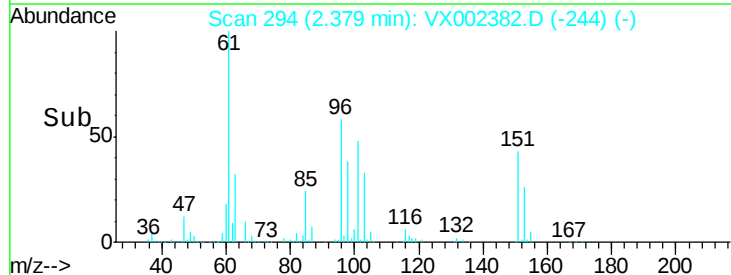
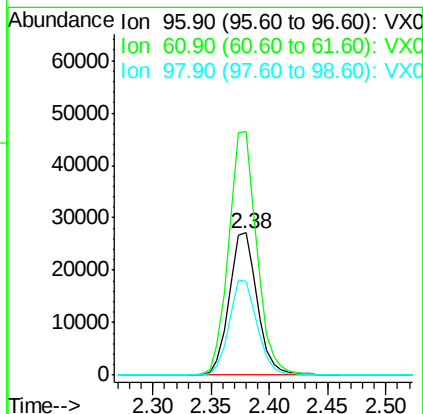
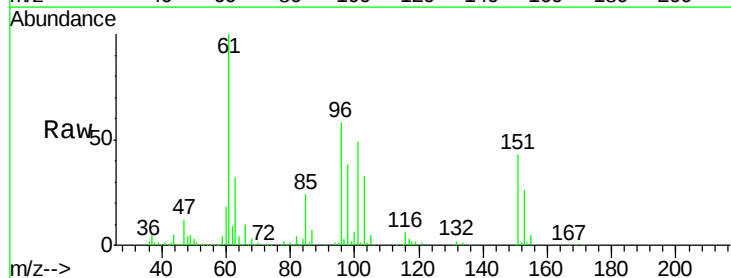
Tot Ion: 59 Resp: 80134
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.2

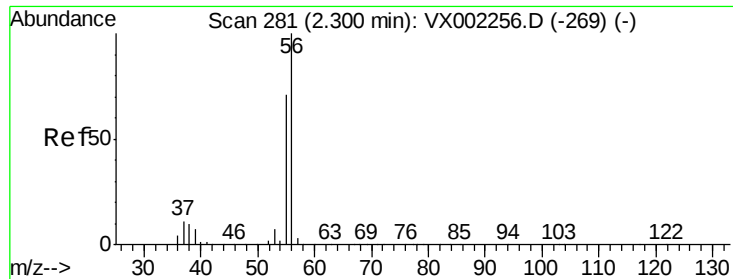


#12

1,1-Dichloroethene
 Concen: 20.24 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion: 96 Resp: 45767
 Ion Ratio Lower Upper
 96 100
 61 171.5 137.9 206.9
 98 65.9 51.6 77.4





#13

Acrolein

Concen: 76.71 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

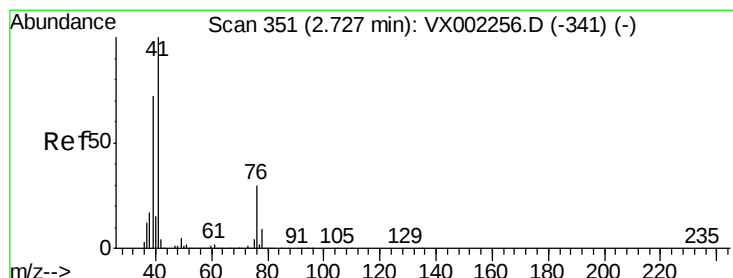
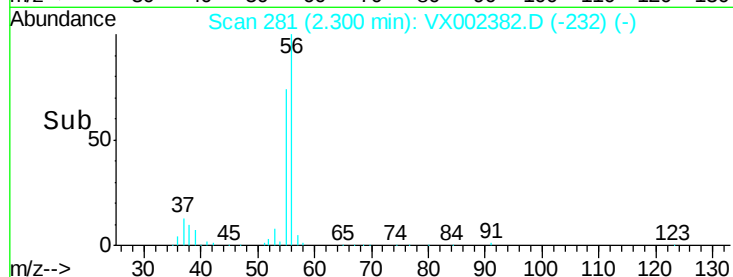
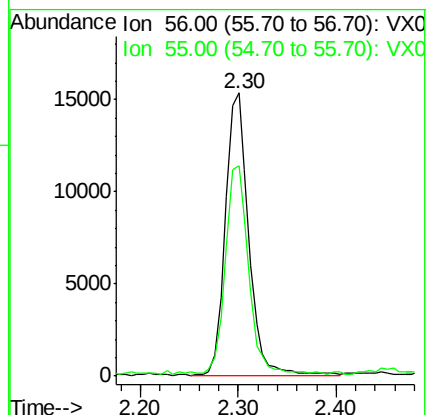
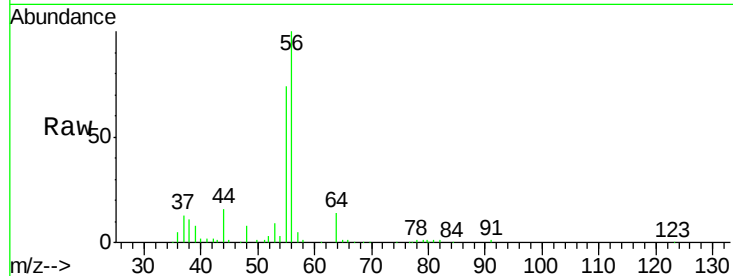
VX0607WBSD01

Tot Ion: 56 Resp: 25181

Ion Ratio Lower Upper

56 100

55 73.3 57.0 85.4



#14

Allyl chloride

Concen: 19.54 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

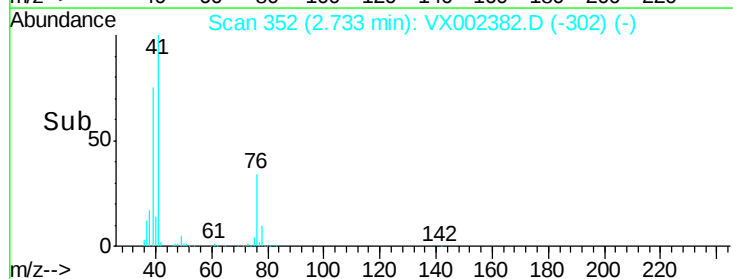
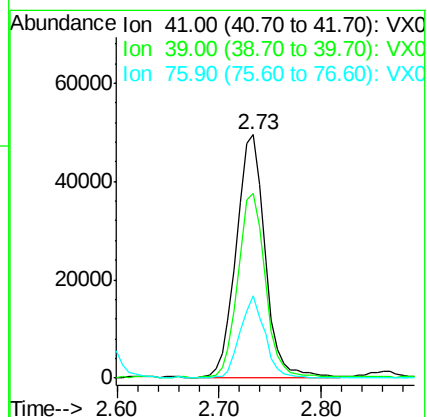
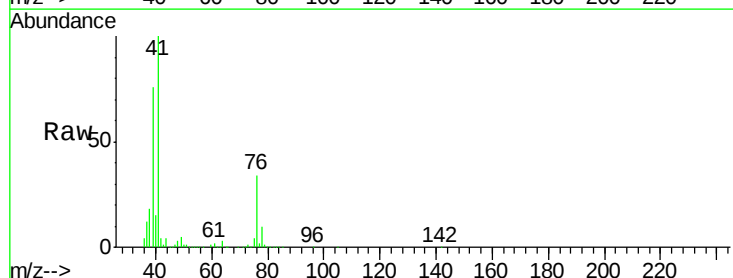
Tgt Ion: 41 Resp: 95928

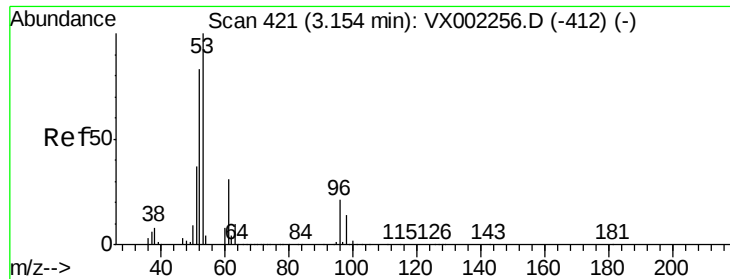
Ion Ratio Lower Upper

41 100

39 72.3 56.8 85.2

76 28.6 23.8 35.8





#15

Acrylonitrile

Concen: 119.34 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

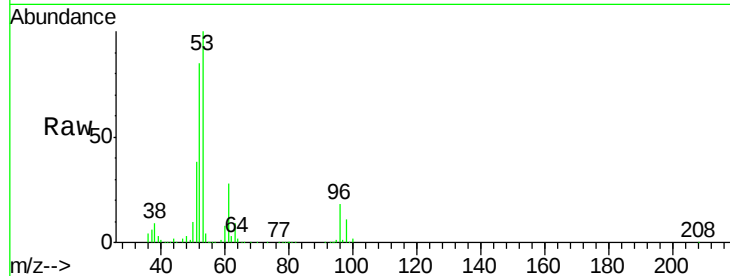
Tot Ion: 53 Resp: 160848

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

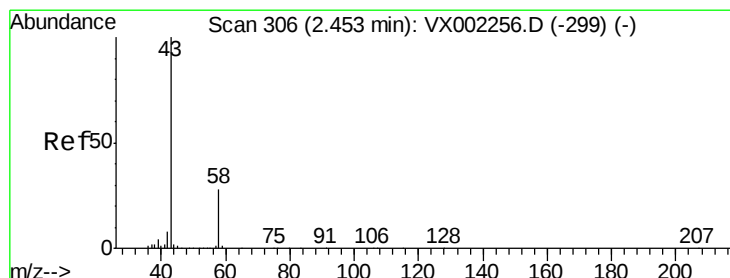
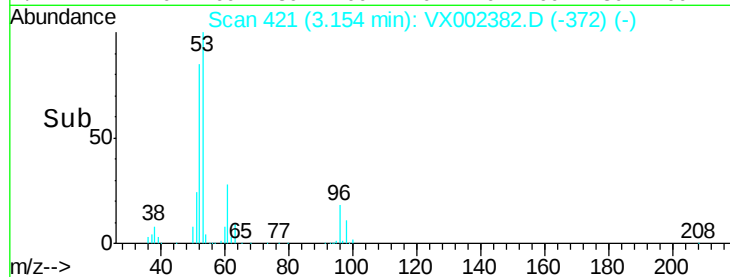
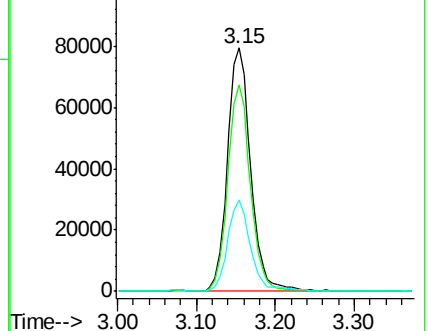
51 37.1 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 120.20 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002382.D

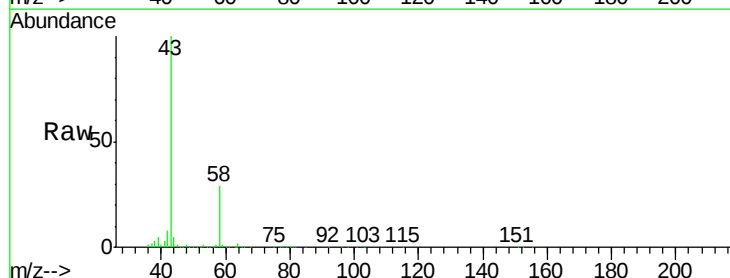
Acq: 07 Jun 2018 17:14

Tgt Ion: 43 Resp: 170060

Ion Ratio Lower Upper

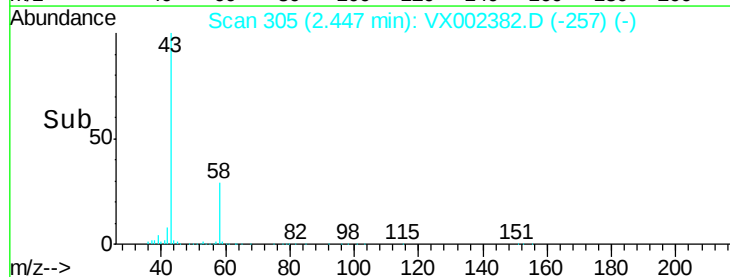
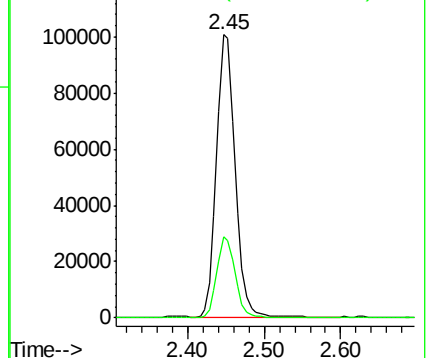
43 100

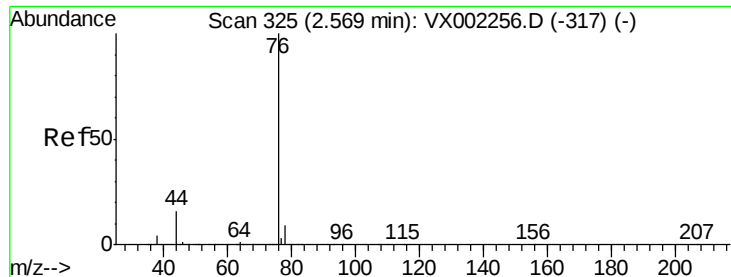
58 28.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

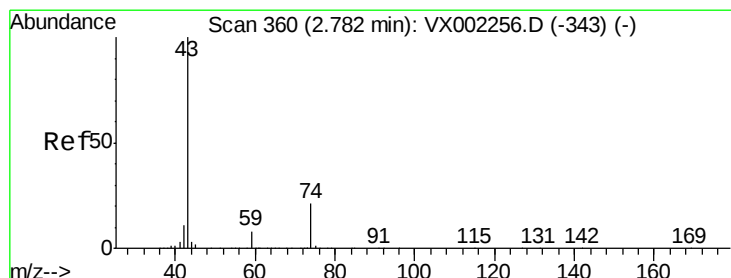
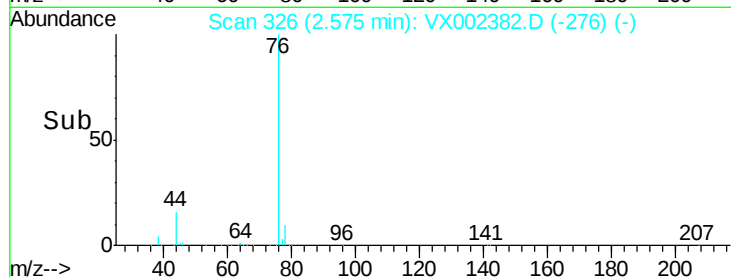
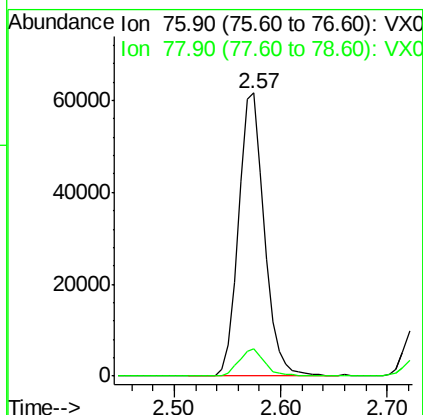
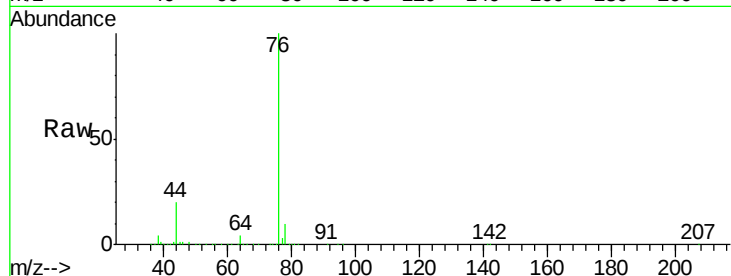




#17
Carbon Disulfide
Concen: 17.64 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

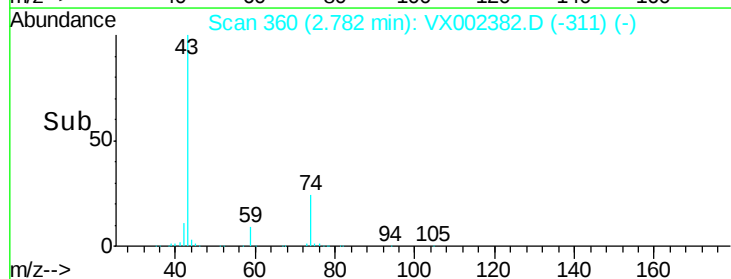
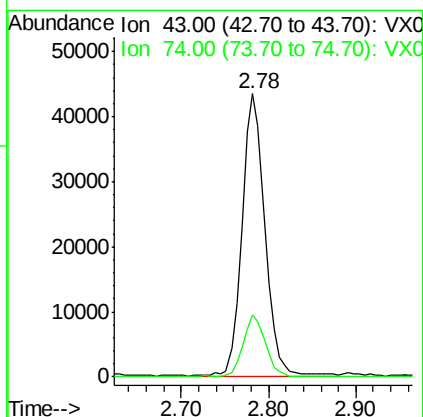
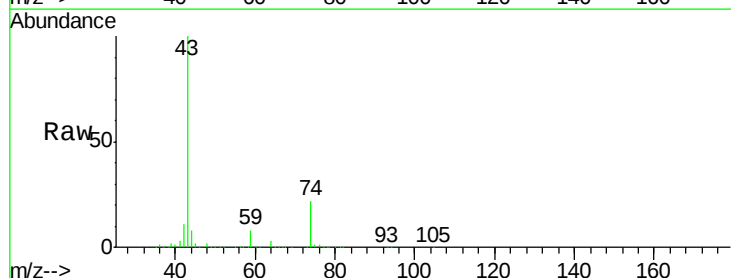
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

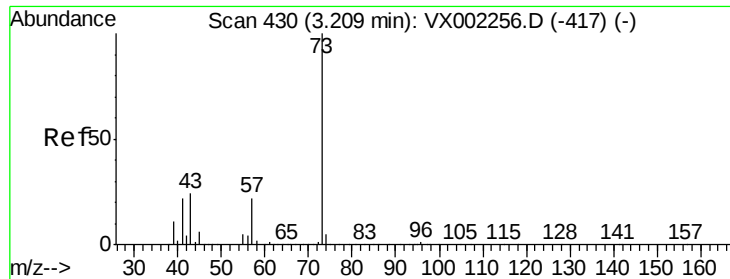
Tot Ion: 76 Resp: 105160
Ion Ratio Lower Upper
76 100
78 9.6 6.9 10.3



#18
Methyl Acetate
Concen: 24.44 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 43 Resp: 78572
Ion Ratio Lower Upper
43 100
74 22.0 16.7 25.1



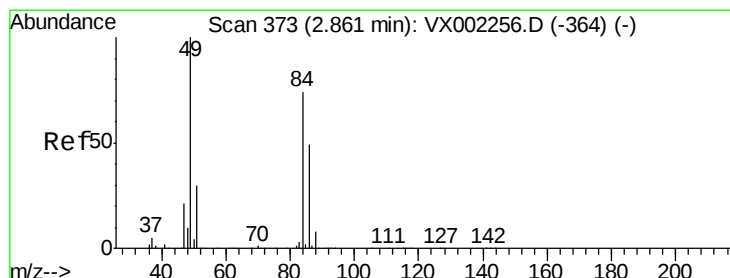
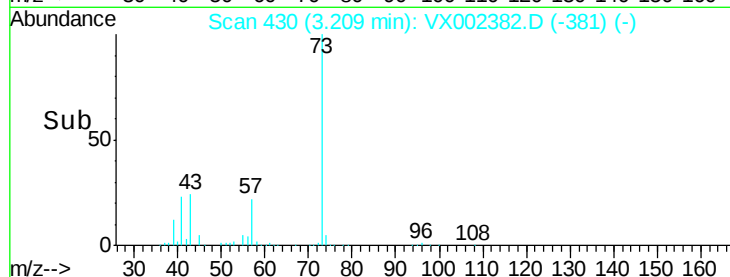
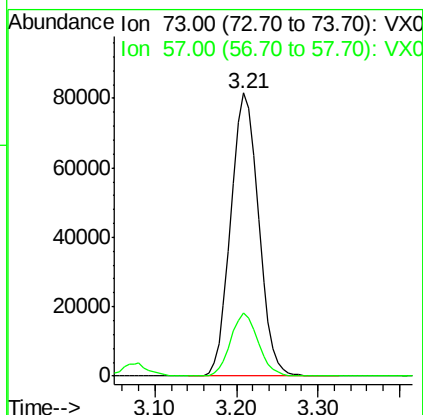
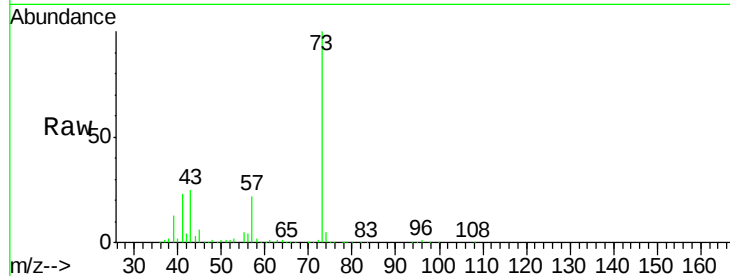


#19

Methyl tert-butyl Ether
 Concen: 23.15 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

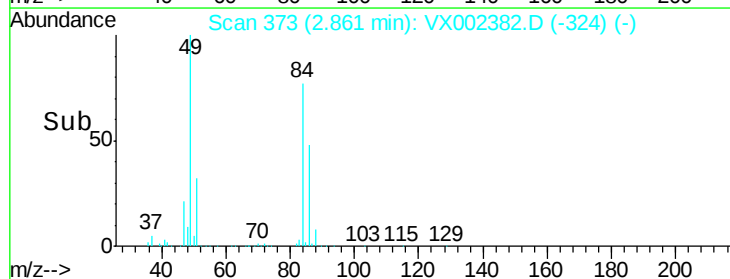
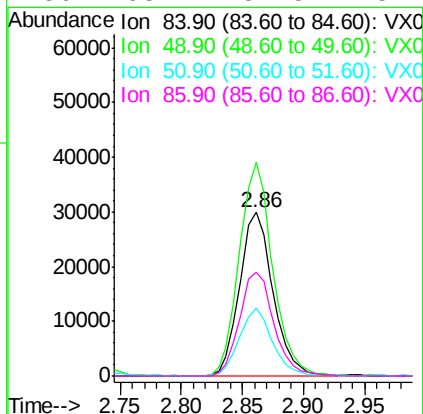
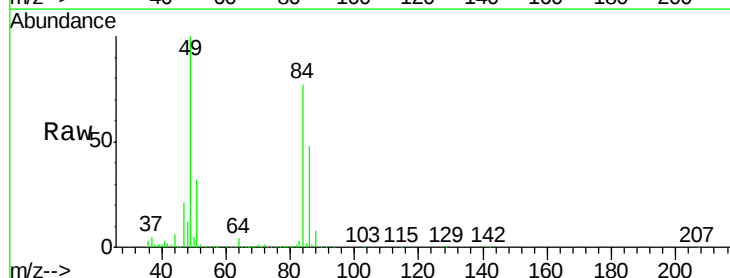
Tot Ion: 73 Resp: 192466
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.7 26.5

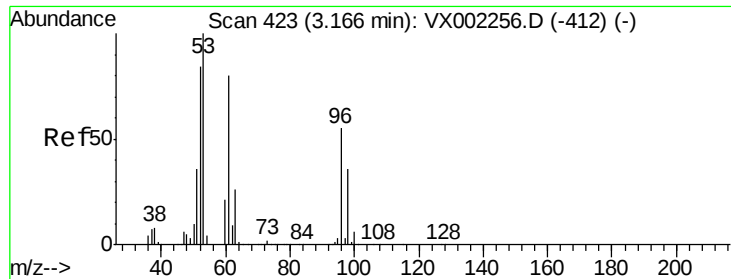


#20

Methylene Chloride
 Concen: 22.17 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion: 84 Resp: 56954
 Ion Ratio Lower Upper
 84 100
 49 130.7 107.8 161.6
 51 41.3 32.8 49.2
 86 63.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.96 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

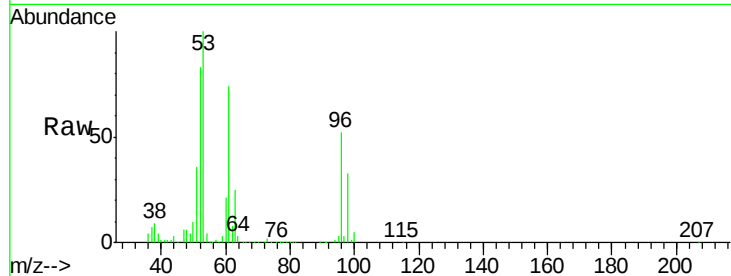
Tot Ion: 96 Resp: 49786

Ion Ratio Lower Upper

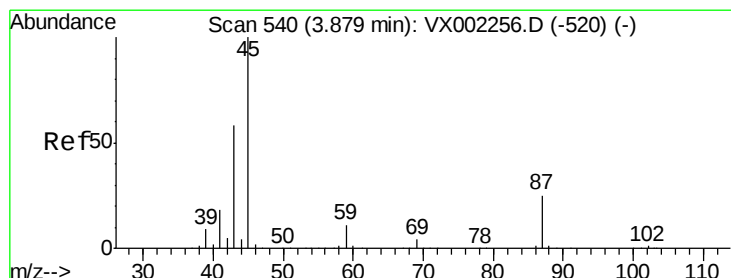
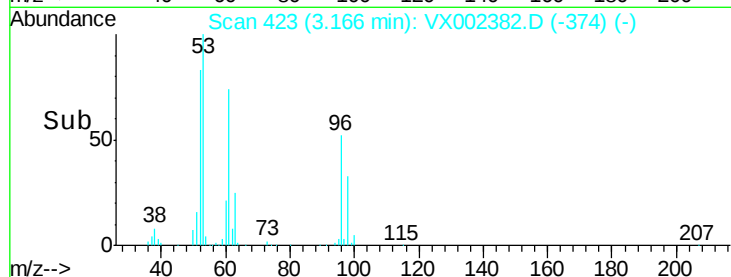
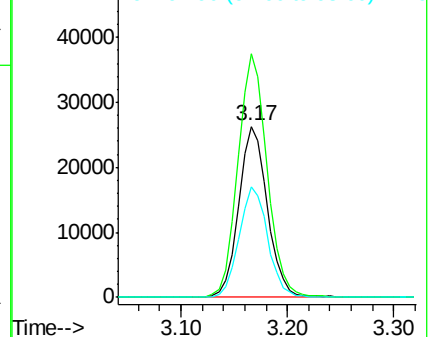
96 100

61 142.4 117.0 175.4

98 64.5 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.10 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Tgt Ion: 45 Resp: 172115

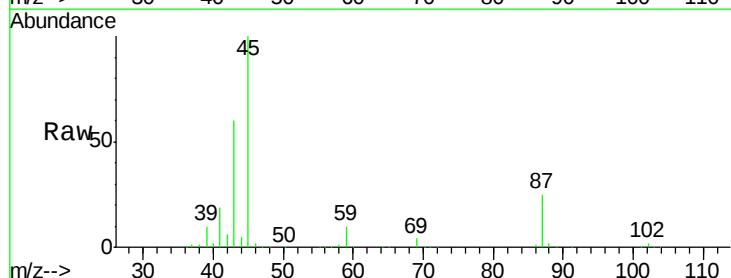
Ion Ratio Lower Upper

45 100

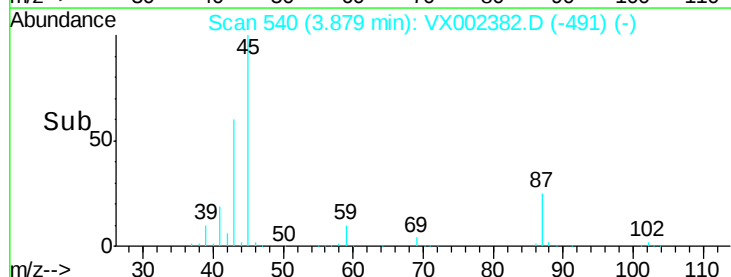
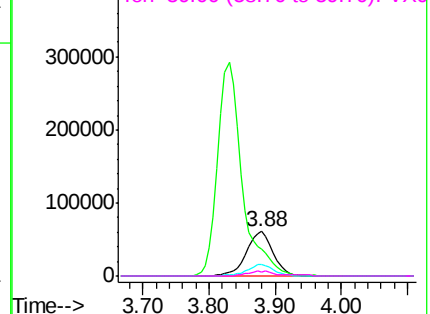
43 59.6 46.8 70.2

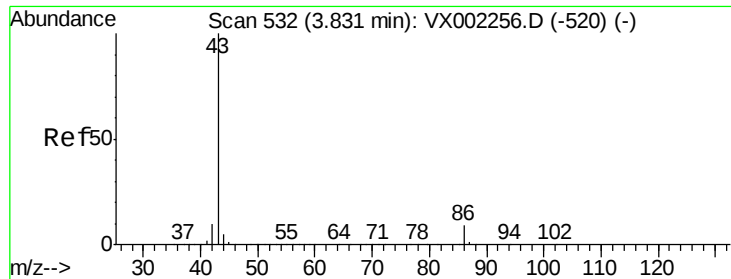
87 25.3 20.2 30.4

59 10.2 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.38 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

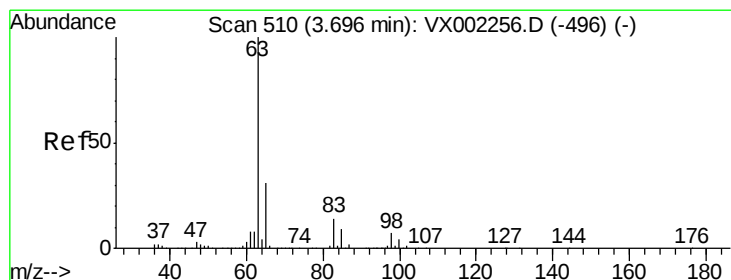
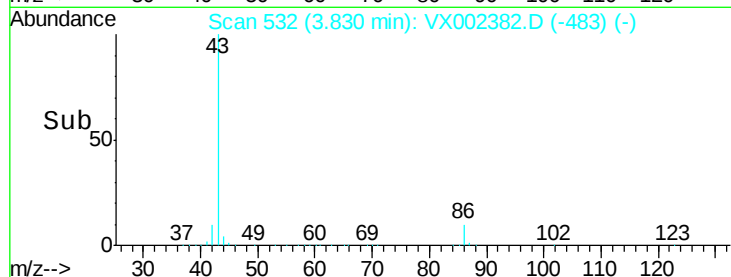
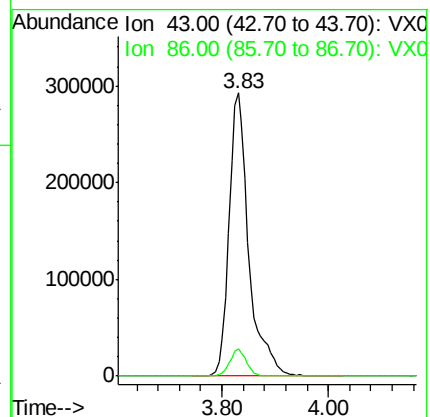
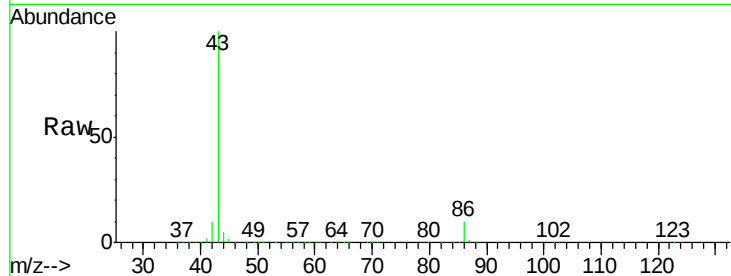
VX0607WBSD01

Tot Ion: 43 Resp: 758920

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.0



#24

1,1-Dichloroethane

Concen: 18.67 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

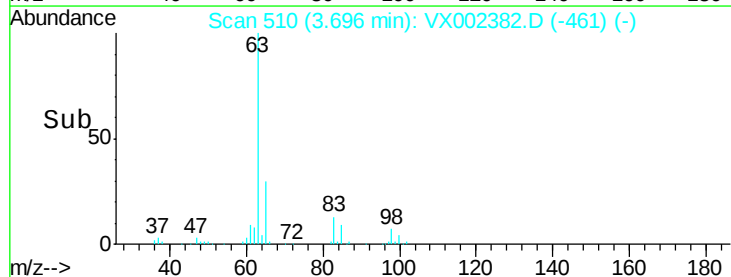
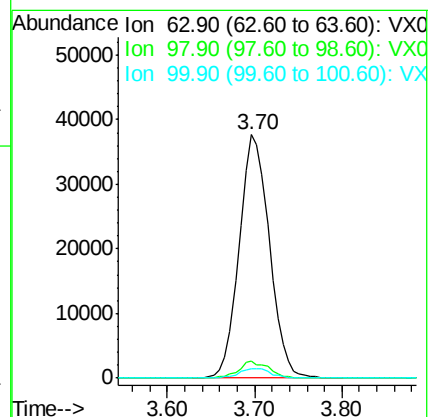
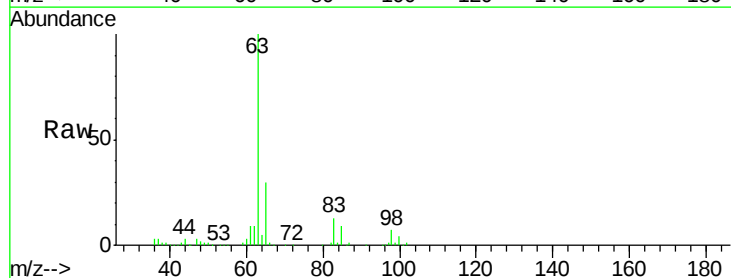
Tgt Ion: 63 Resp: 90584

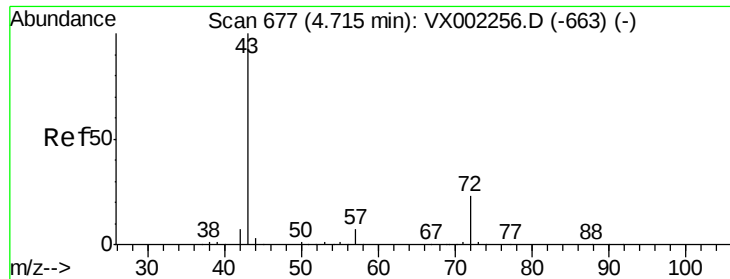
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 102.16 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

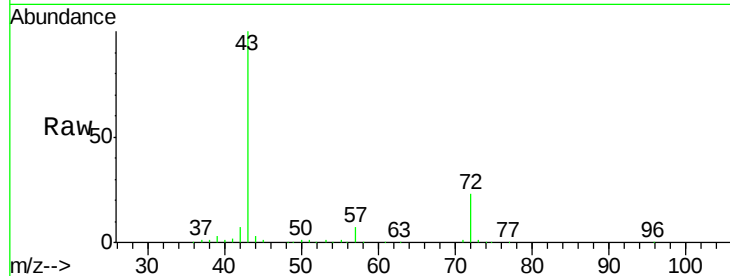
VX0607WBSD01

Tot Ion: 43 Resp: 212798

Ion Ratio Lower Upper

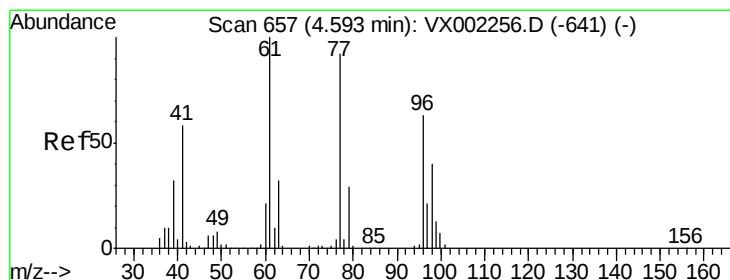
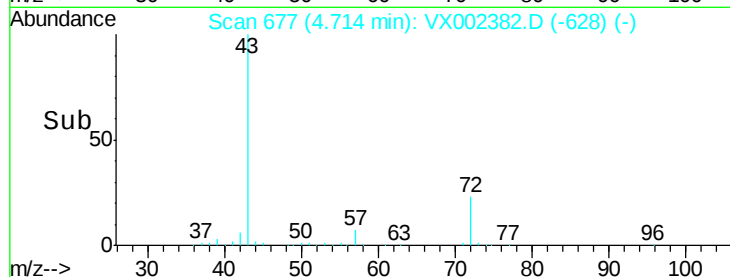
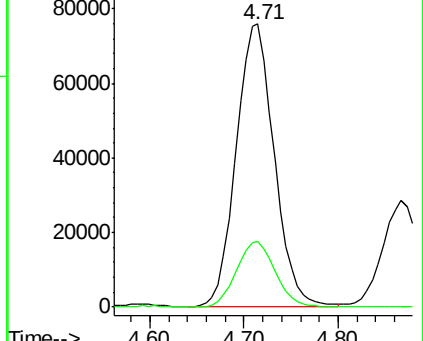
43 100

72 23.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.87 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002382.D

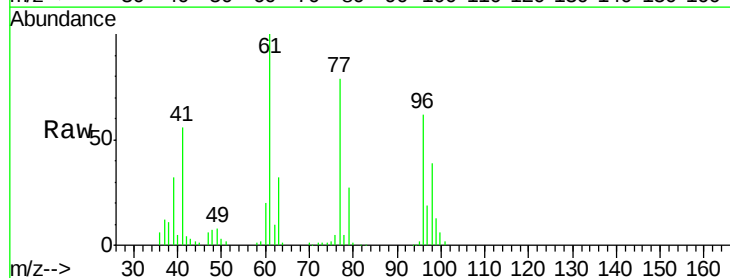
Acq: 07 Jun 2018 17:14

Tgt Ion: 77 Resp: 63958

Ion Ratio Lower Upper

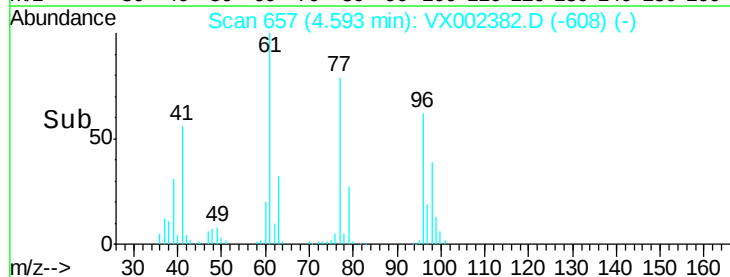
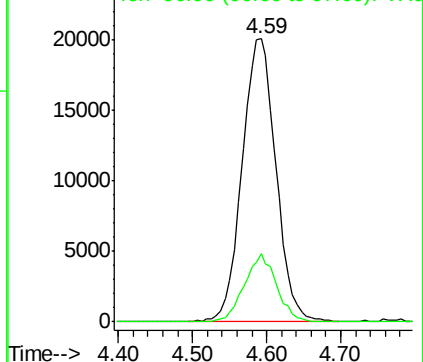
77 100

97 22.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.44 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

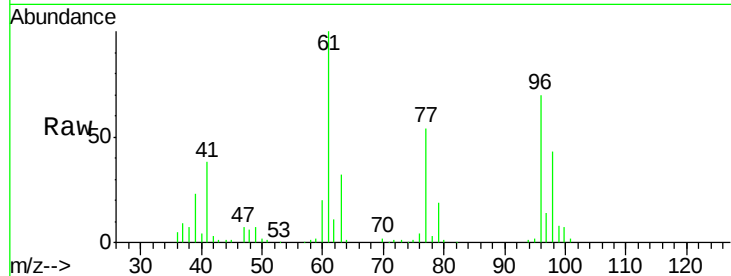
Tot Ion: 96 Resp: 52736

Ion Ratio Lower Upper

96 100

61 156.7 0.0 330.2

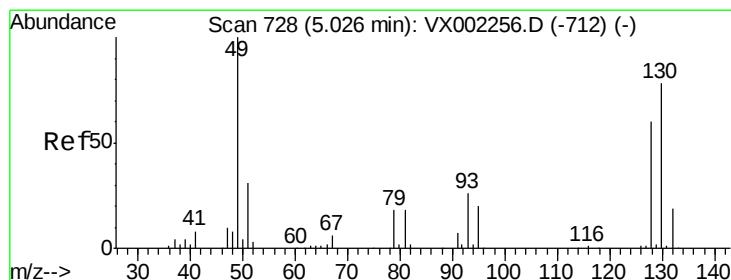
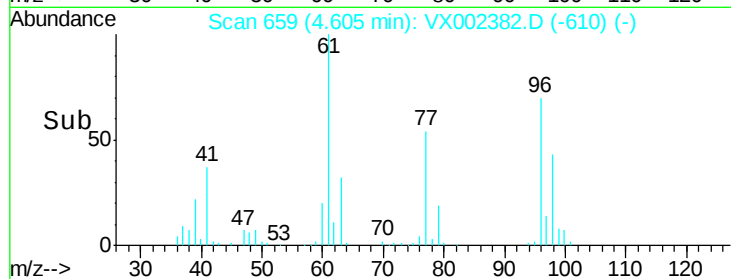
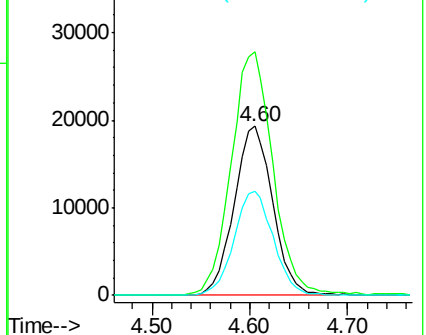
98 62.4 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.60 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

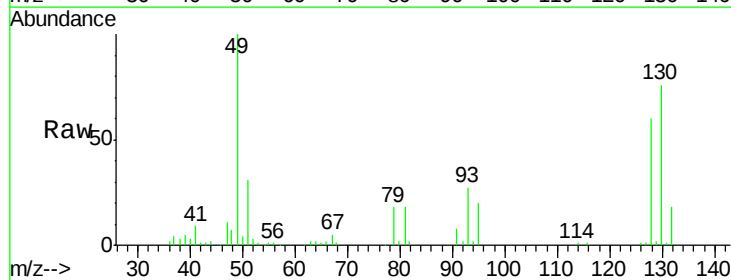
Tgt Ion: 49 Resp: 46813

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

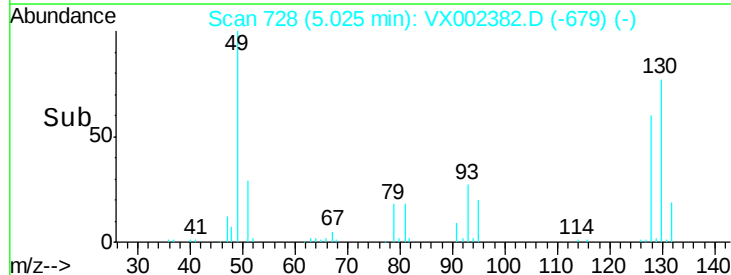
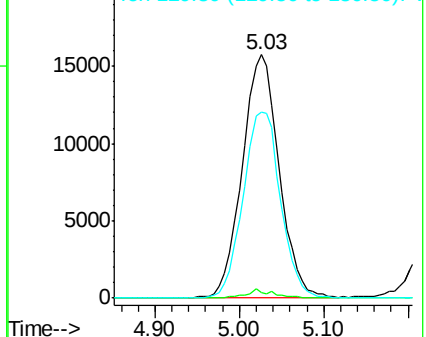
130 77.5 61.2 91.8

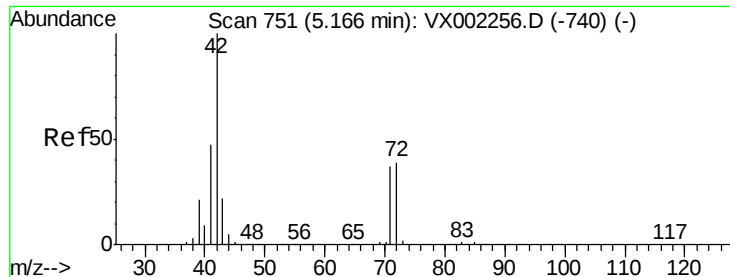


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

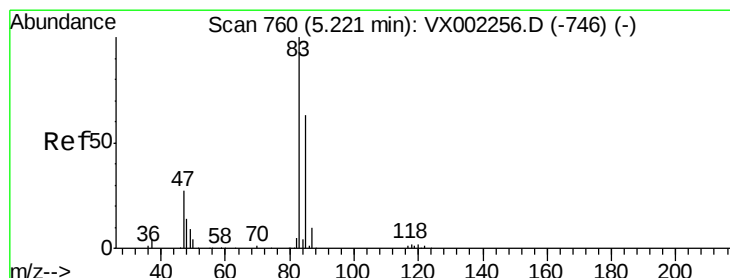
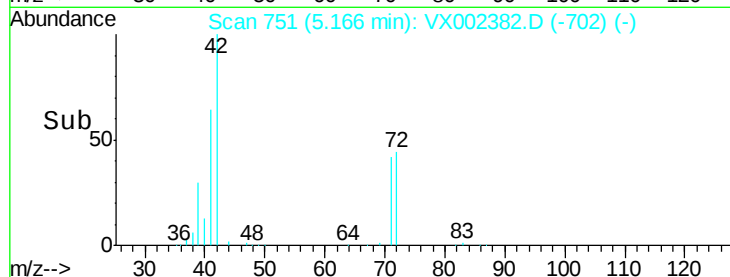
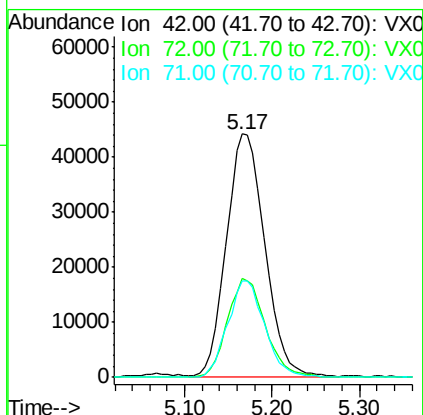
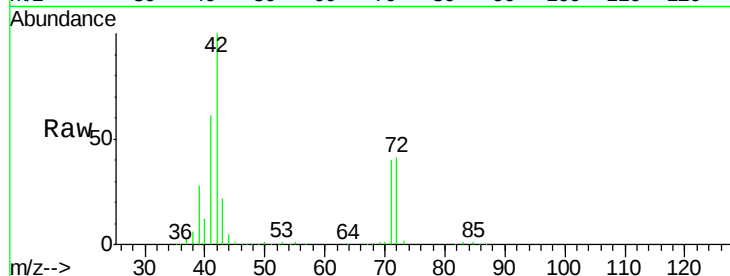




#29
Tetrahydrofuran
Concen: 100.07 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

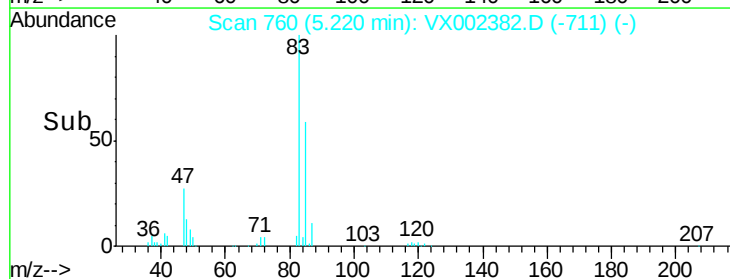
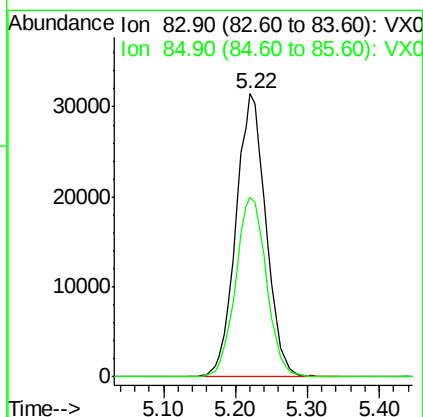
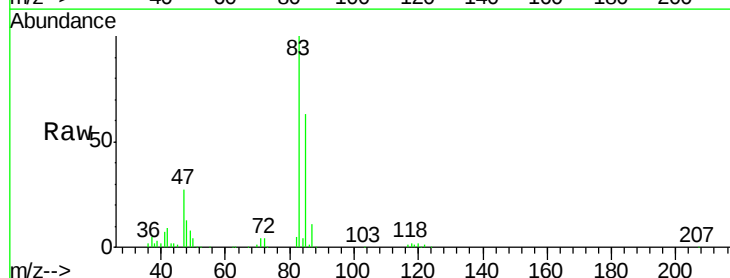
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tot Ion: 42 Resp: 134393
Ion Ratio Lower Upper
42 100
72 40.6 32.0 48.0
71 38.5 30.1 45.1



#30
Chloroform
Concen: 19.37 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 83 Resp: 90688
Ion Ratio Lower Upper
83 100
85 63.3 50.4 75.6





#31

Cyclohexane

Concen: 19.38 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

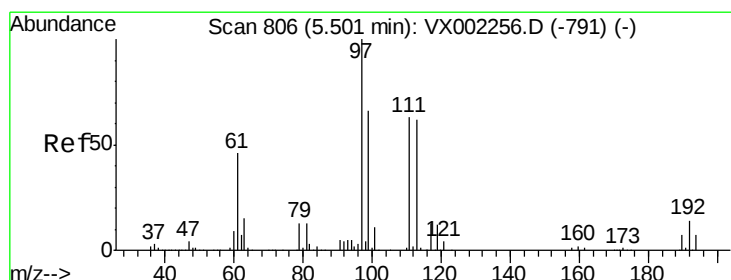
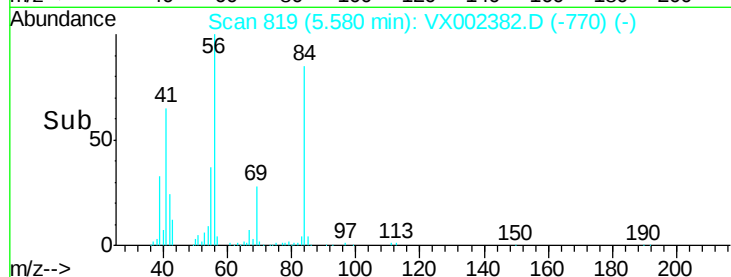
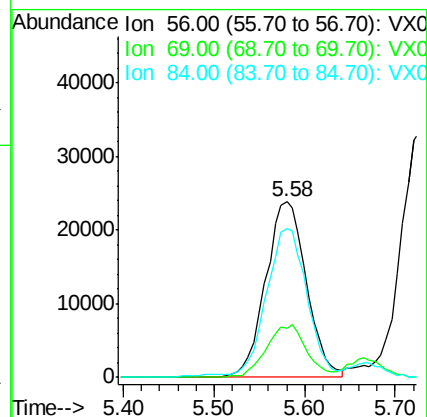
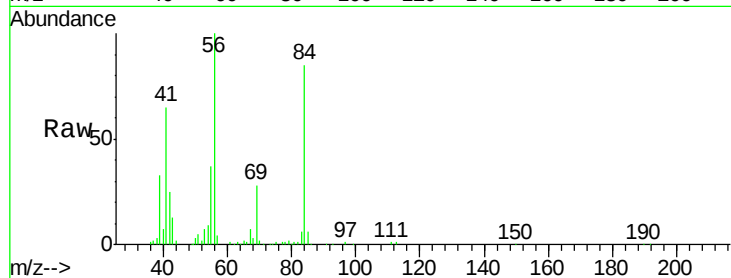
Tot Ion: 56 Resp: 74345

Ion Ratio Lower Upper

56 100

69 28.3 23.7 35.5

84 84.0 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 18.74 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

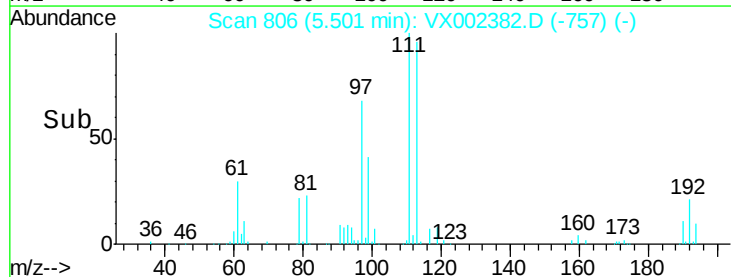
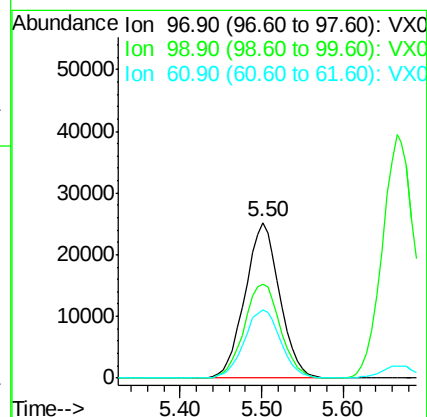
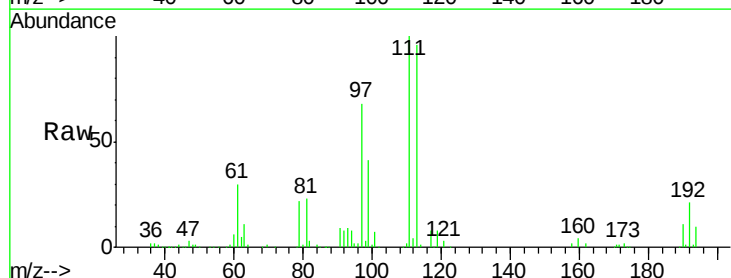
Tgt Ion: 97 Resp: 74390

Ion Ratio Lower Upper

97 100

99 63.4 51.6 77.4

61 46.3 36.4 54.6

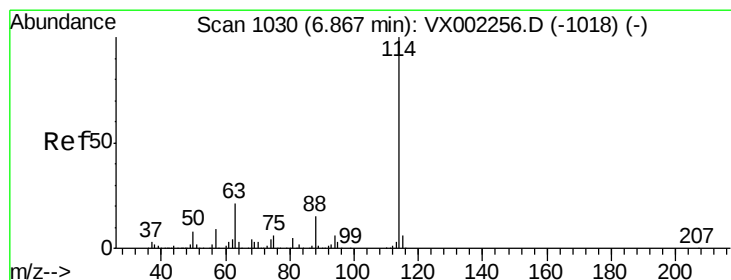
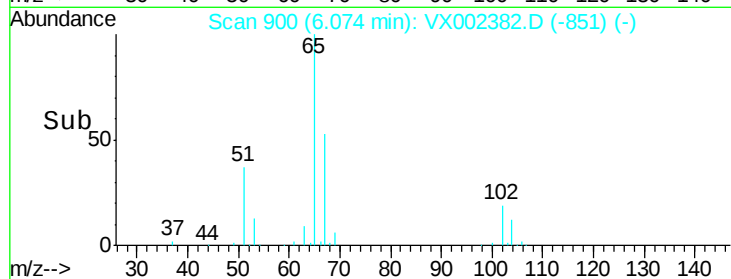
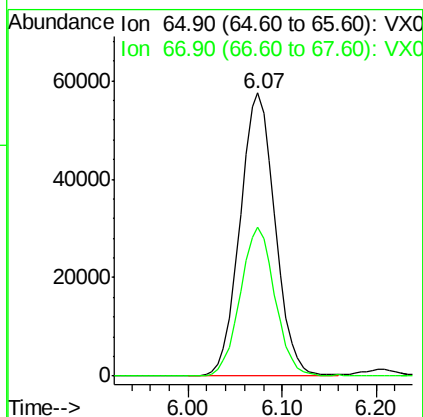
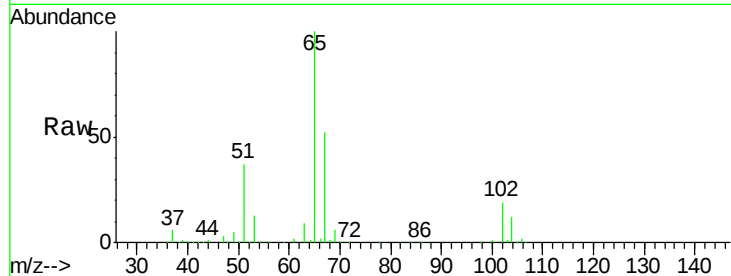




#33
 1,2-Dichloroethane-d4
 Concen: 49.28 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

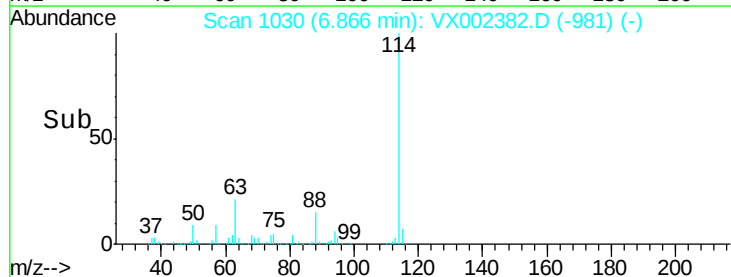
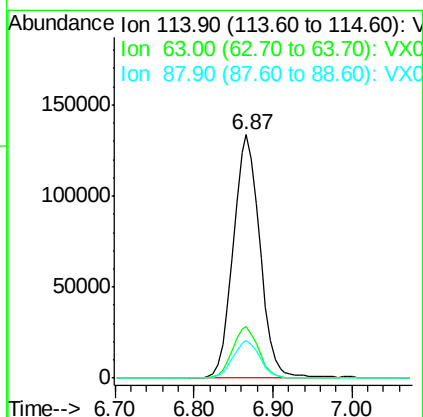
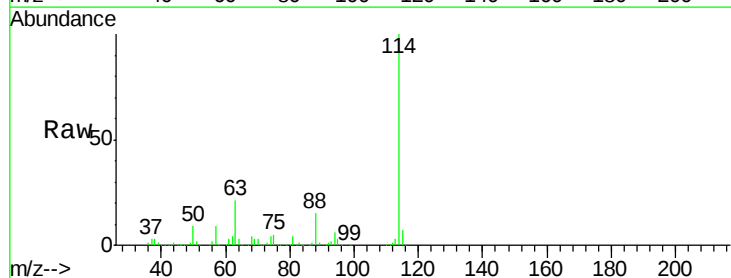
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tot Ion: 65 Resp: 149861
 Ion Ratio Lower Upper
 65 100
 67 51.8 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: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion: 114 Resp: 314069
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.4 0.0 30.0

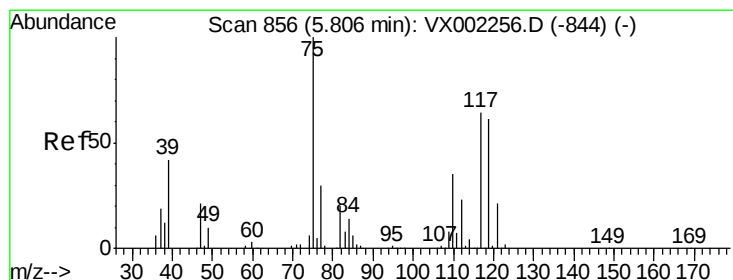
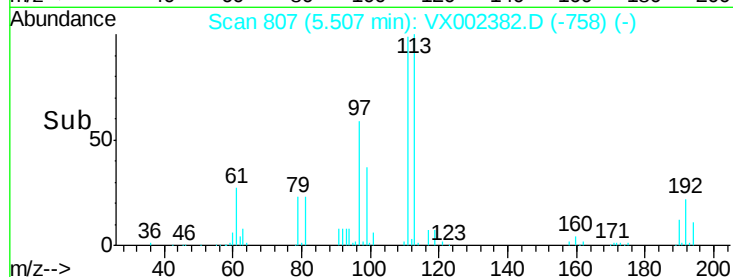
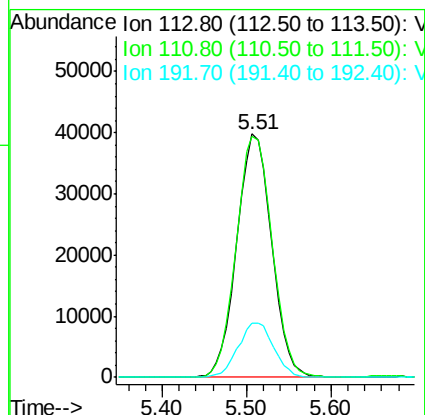
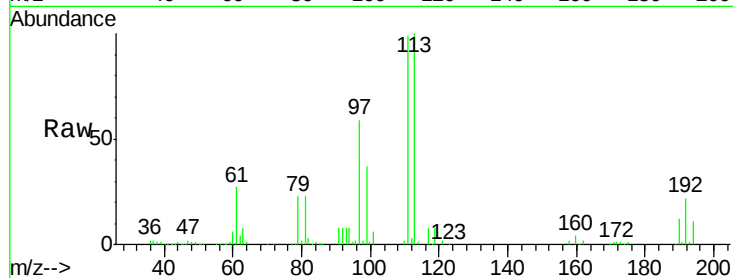




#35
 Dibromofluoromethane
 Concen: 45.12 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

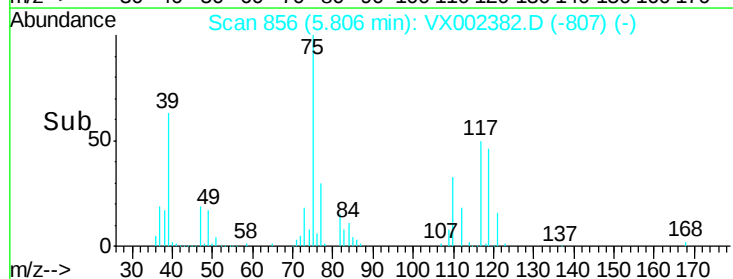
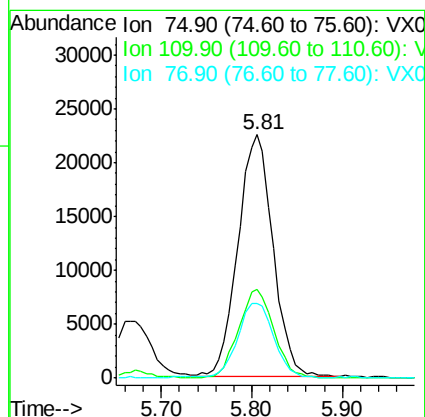
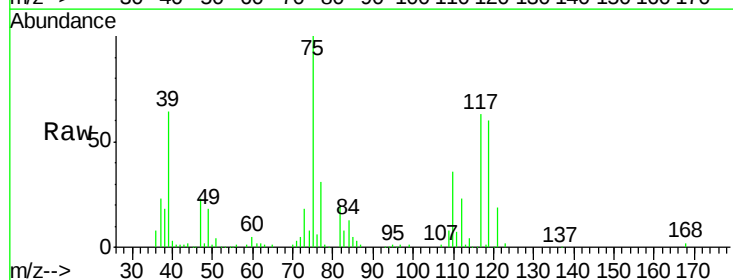
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

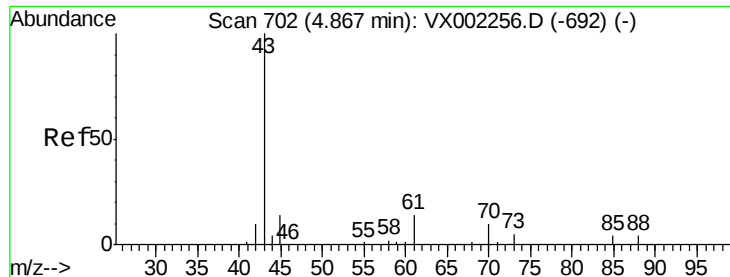
Tot Ion:113 Resp: 111432
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 23.0 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 18.24 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion: 75 Resp: 60232
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.1 54.4
 77 32.6 24.3 36.5

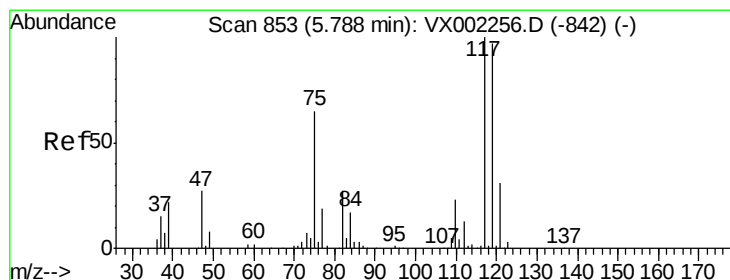
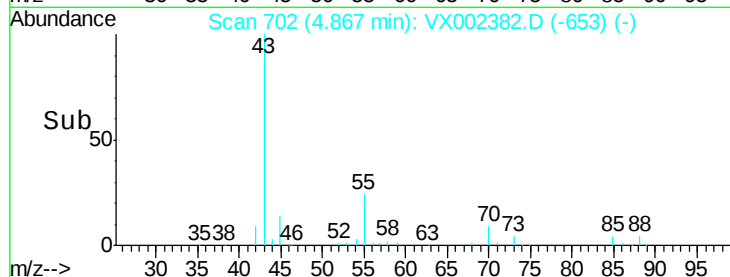
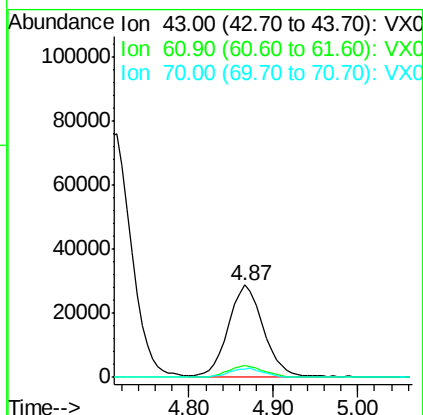
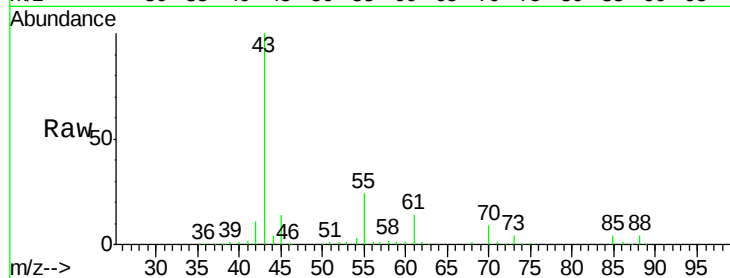




#37
Ethyl Acetate
Concen: 20.47 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

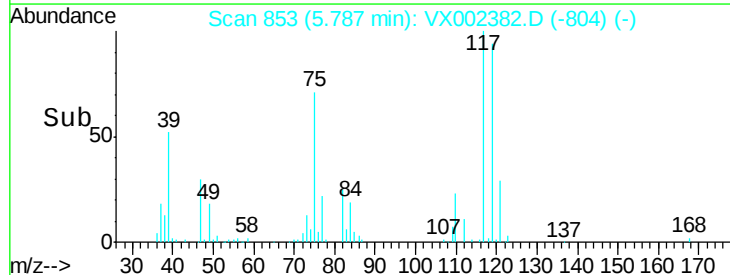
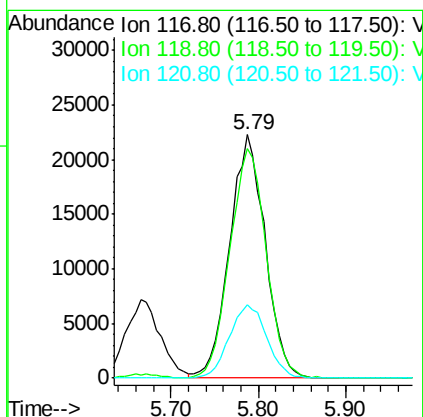
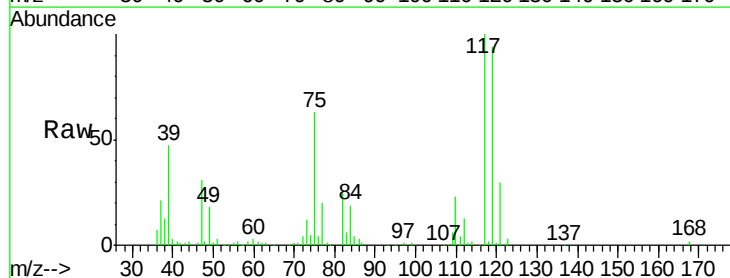
Instrument :
MSVOA_X
ClientSampleID :
VX0607WBSD01

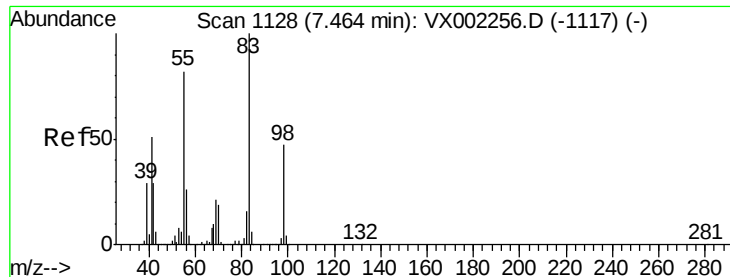
Tot Ion: 43 Resp: 81284
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.19 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 117 Resp: 62843
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.0
121 30.0 24.4 36.6

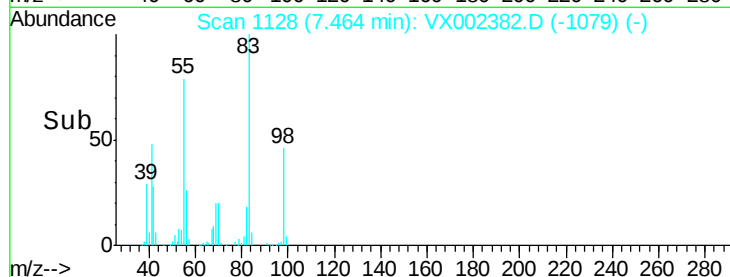
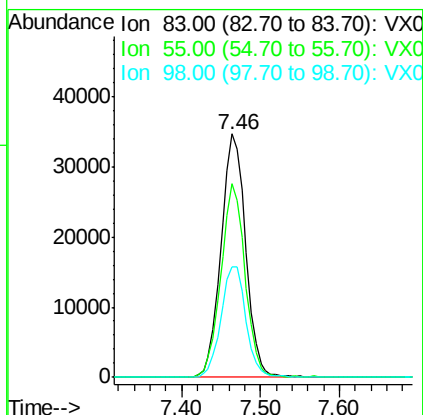
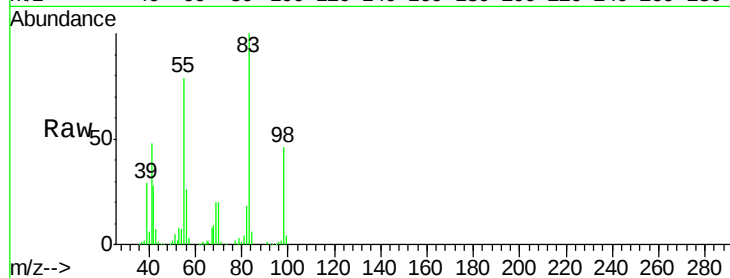




#39
Methvlcvclohexane
Concen: 18.75 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

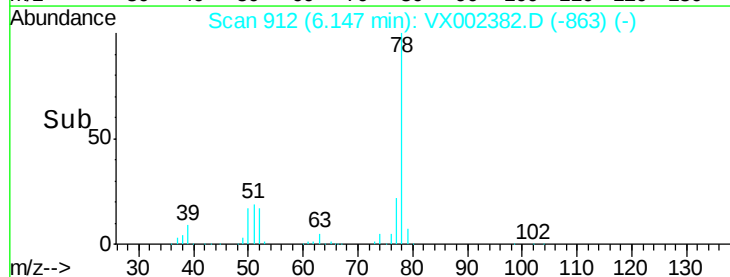
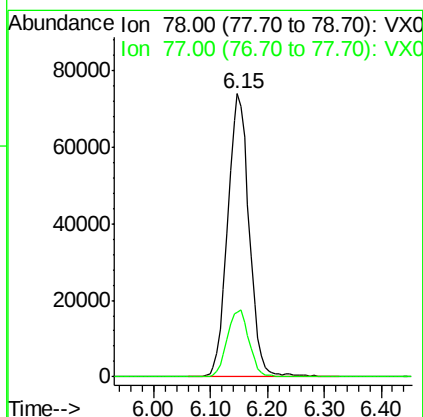
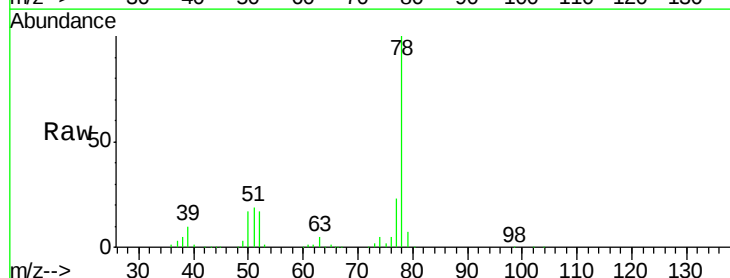
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

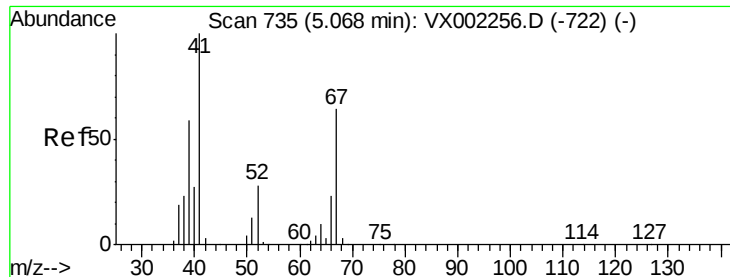
Tot Ion: 83 Resp: 75831
Ion Ratio Lower Upper
83 100
55 79.3 65.4 98.0
98 45.5 37.4 56.0



#40
Benzene
Concen: 19.35 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 78 Resp: 195864
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7

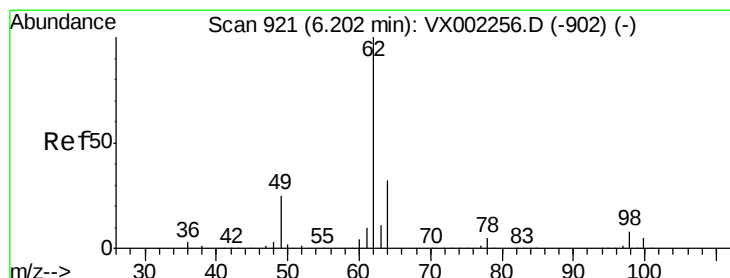
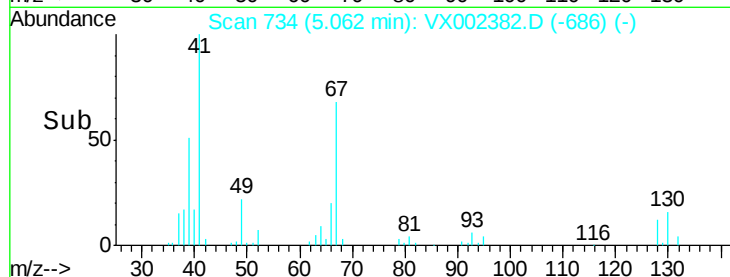
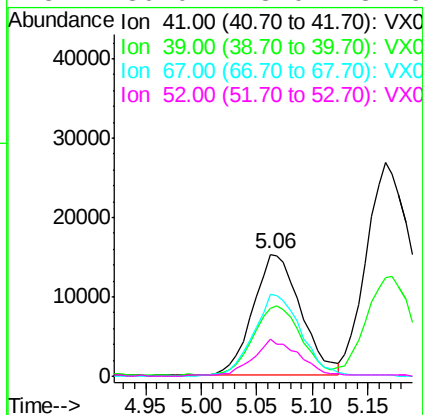
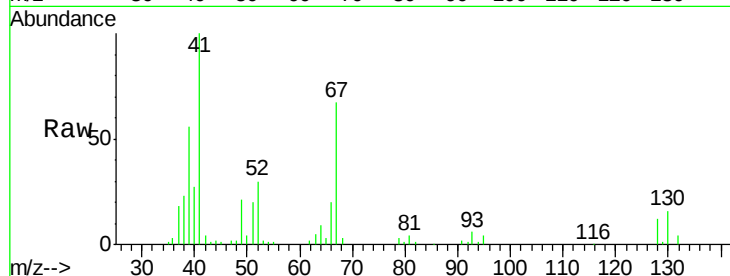




#41
Methacrylonitrile
Concen: 20.13 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

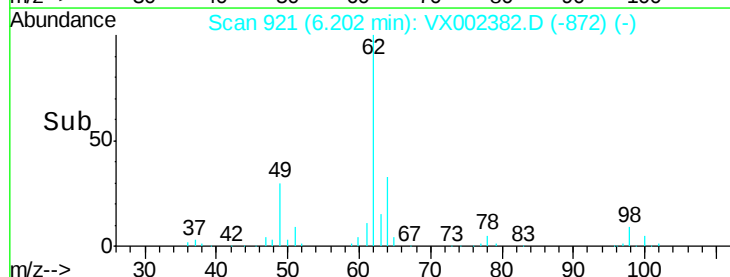
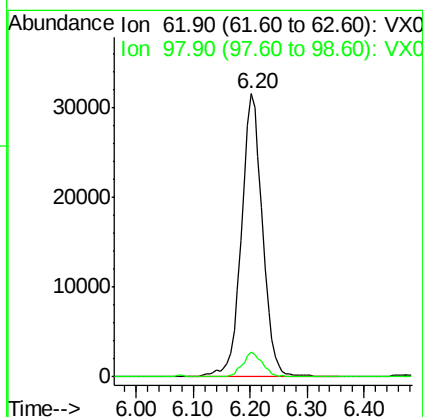
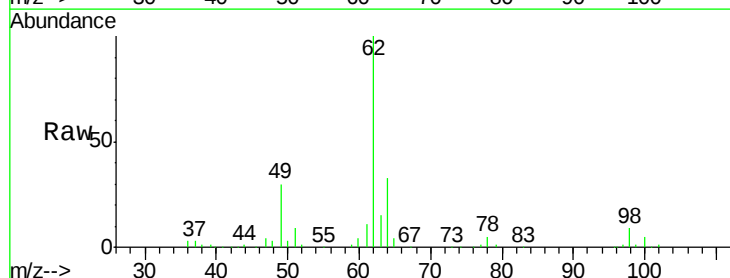
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

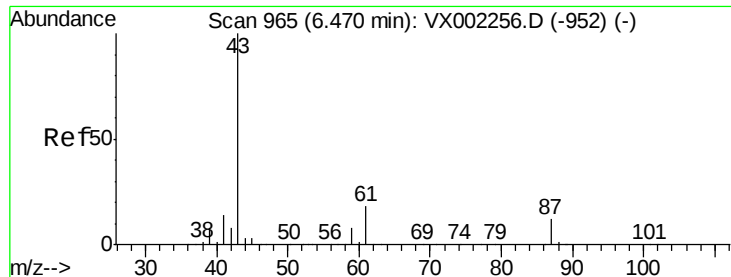
Tot Ion:	41	Resp:	45760
Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.8	68.6
67	67.3	51.3	76.9
52	30.0	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.33 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion:	62	Resp:	81776
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



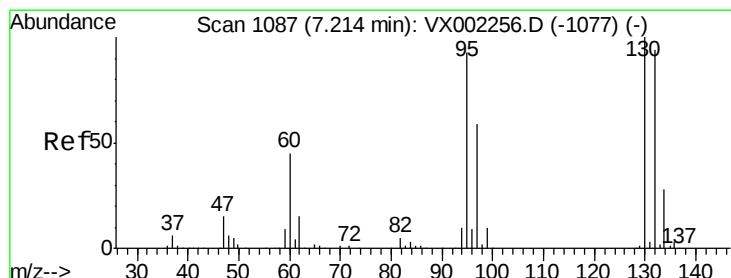
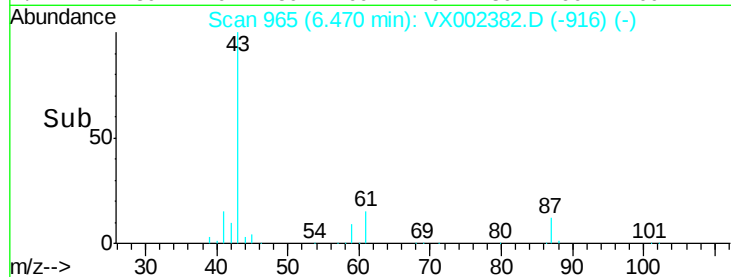
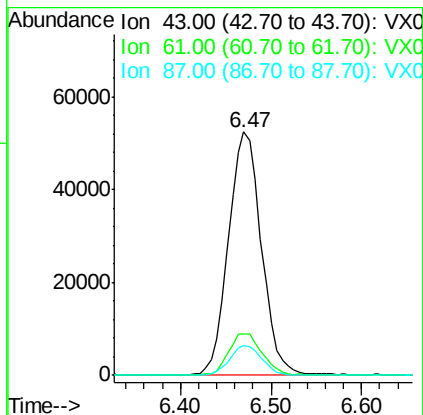
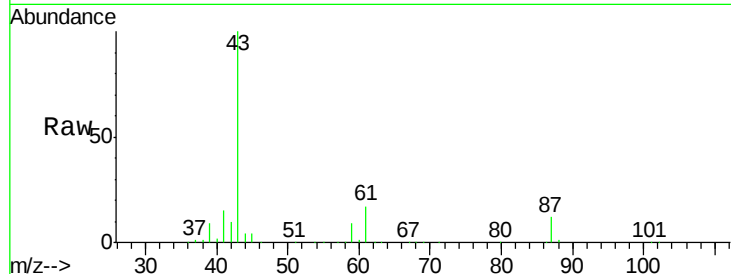


#43

Isopropyl Acetate
 Concen: 19.67 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0607WBSD01

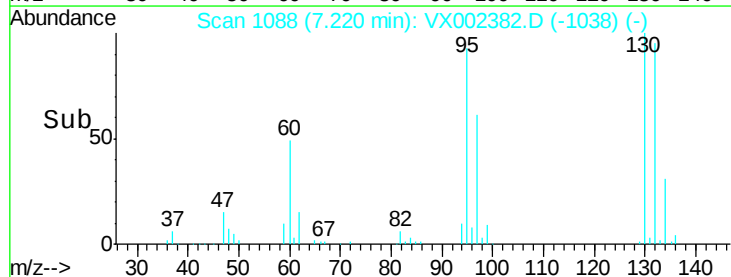
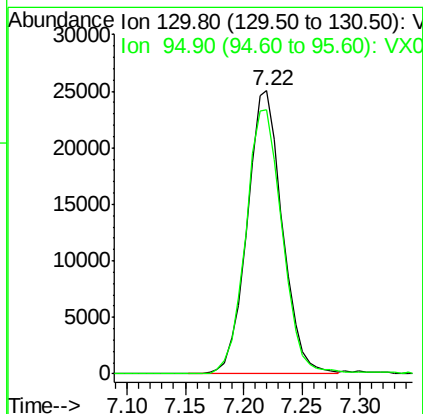
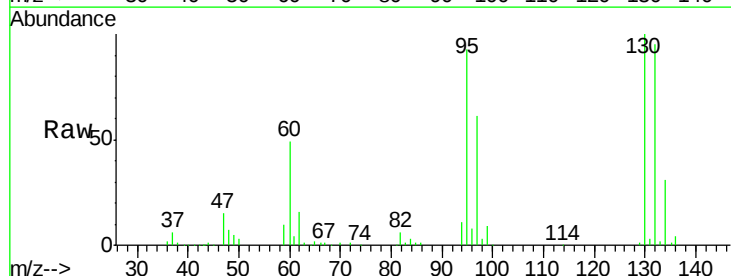
Tot Ion	43	Resp	132633
Ion Ratio	Lower	Upper	
43	100		
61	17.6	14.4	21.6
87	12.1	9.5	14.3

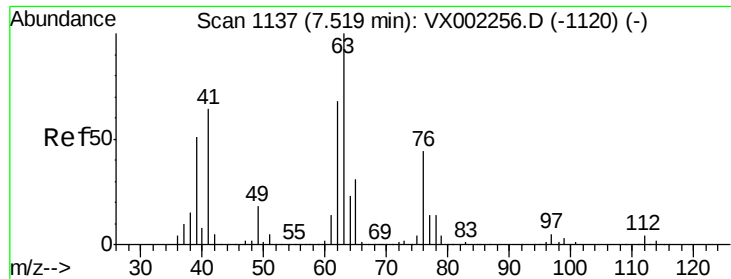


#44

Trichloroethene
 Concen: 18.72 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion	130	Resp	52585
Ion Ratio	Lower	Upper	
130	100		
95	93.3	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.46 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

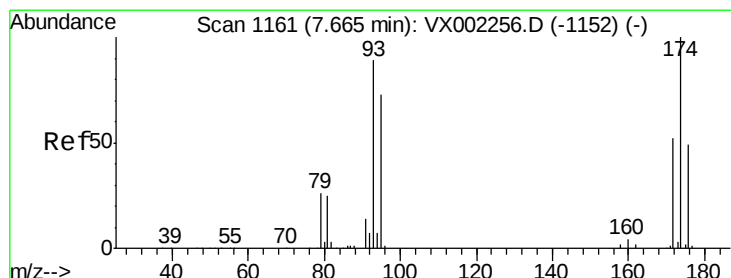
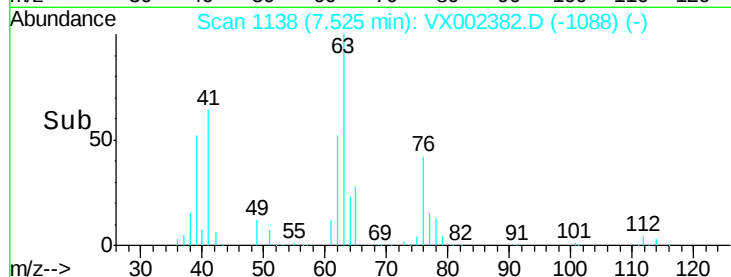
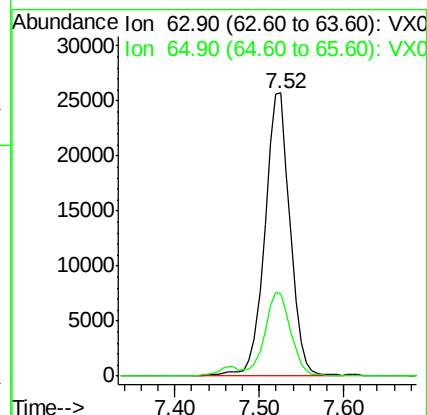
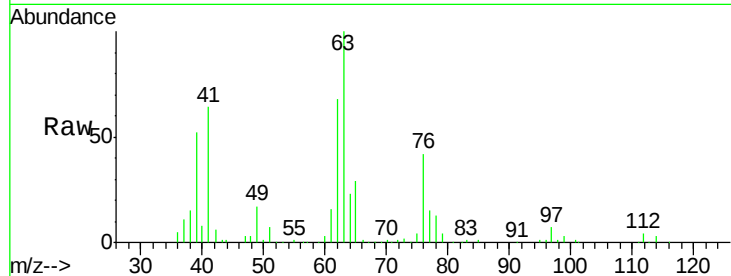
VX0607WBSD01

Tot Ion: 63 Resp: 53193

Ion Ratio Lower Upper

63 100

65 29.2 24.7 37.1



#46

Dibromomethane

Concen: 19.61 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

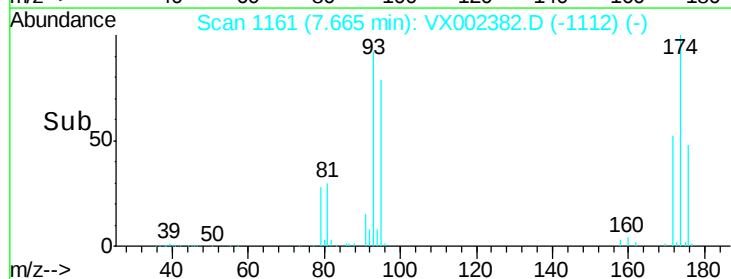
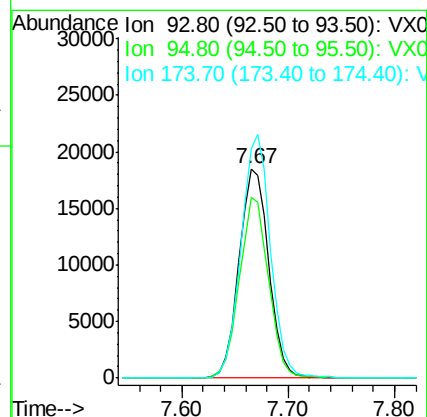
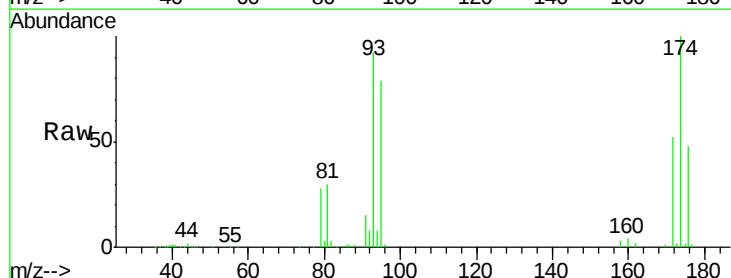
Tgt Ion: 93 Resp: 36326

Ion Ratio Lower Upper

93 100

95 84.6 65.9 98.9

174 115.2 92.4 138.6





#47

Bromodichloromethane

Concen: 18.48 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

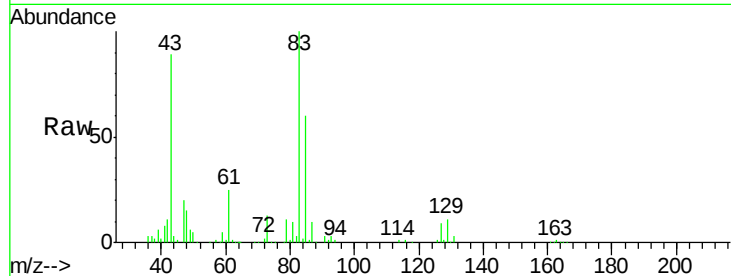
Tot Ion: 83 Resp: 61935

Ion Ratio Lower Upper

83 100

85 60.3 50.3 75.5

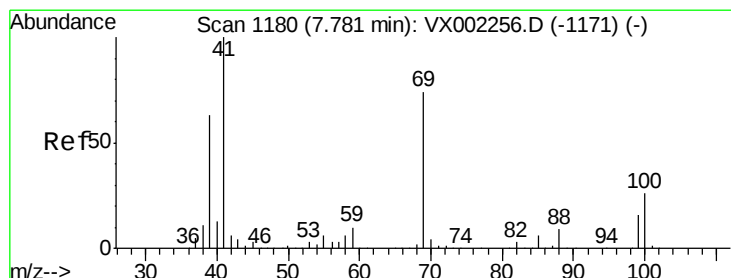
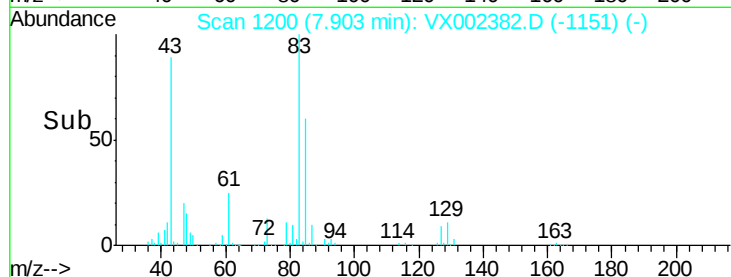
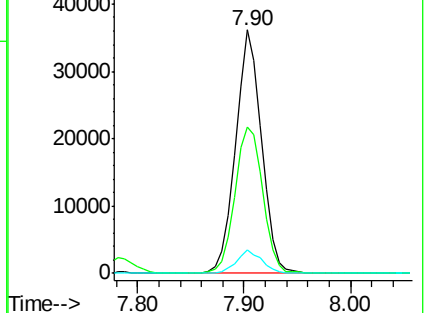
127 9.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.06 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

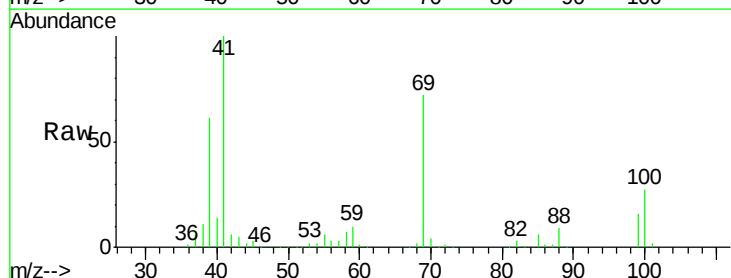
Tgt Ion: 41 Resp: 67942

Ion Ratio Lower Upper

41 100

69 75.0 59.1 88.7

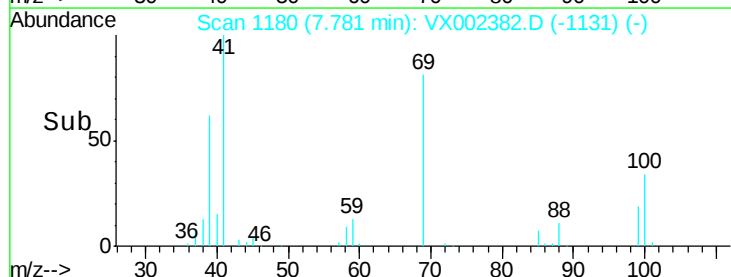
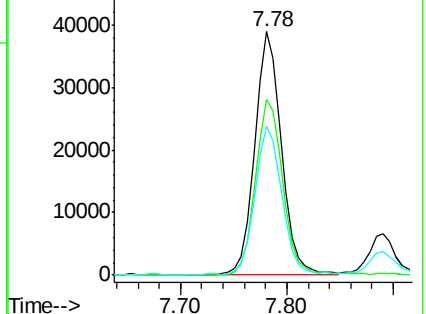
39 62.4 48.9 73.3

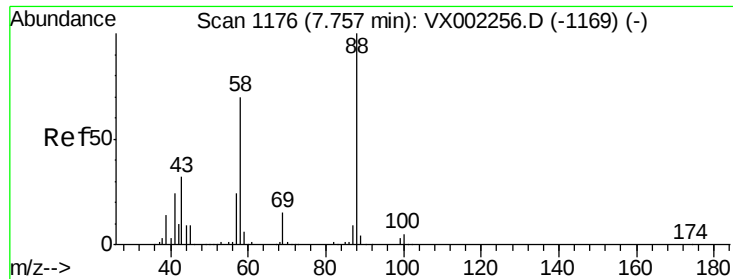


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

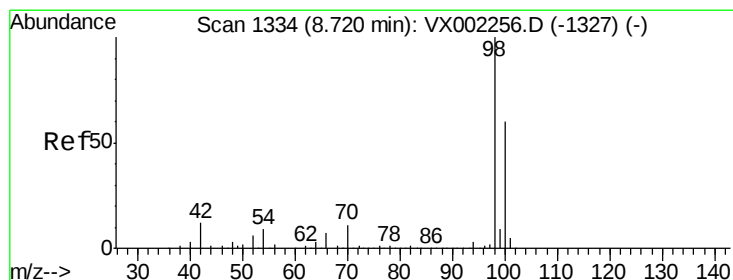
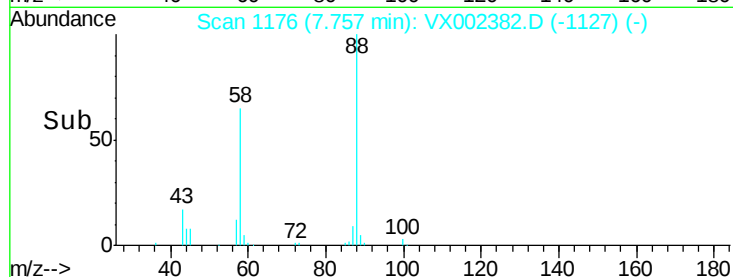
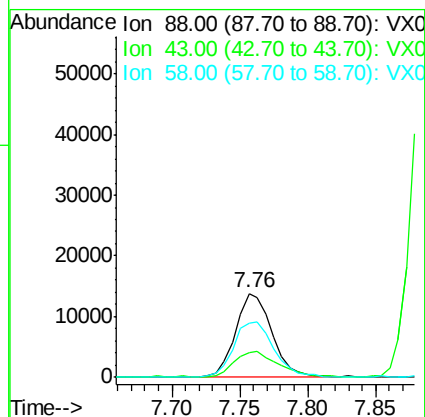
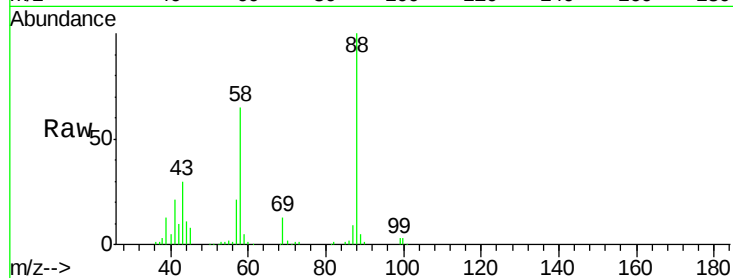




#49
1,4-Dioxane
Concen: 410.17 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

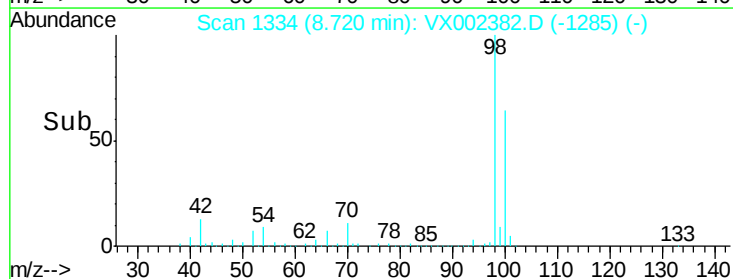
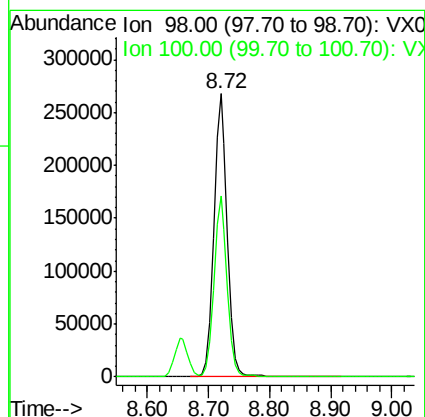
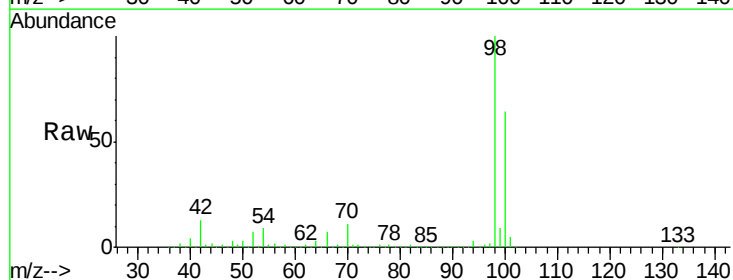
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

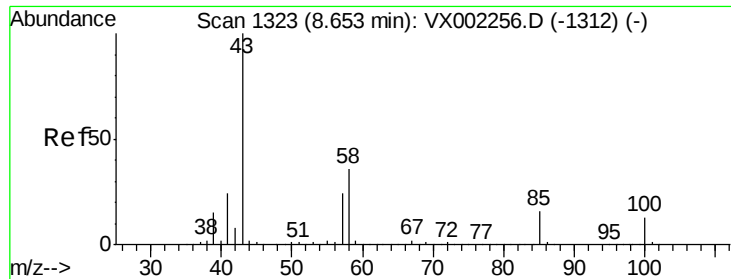
Tot Ion: 88 Resp: 25981
Ion Ratio Lower Upper
88 100
43 35.9 29.8 44.6
58 72.6 57.1 85.7



#50
Toluene-d8
Concen: 44.11 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 98 Resp: 417555
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 102.80 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

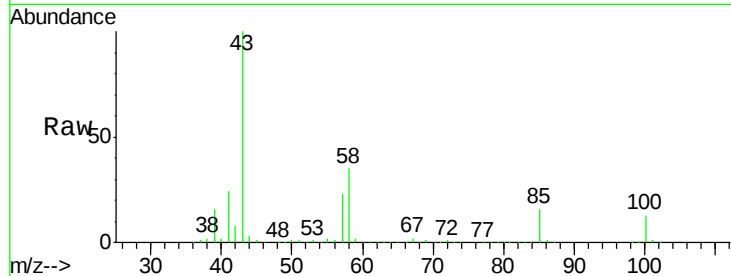
VX0607WBSD01

Tot Ion: 43 Resp: 431758

Ion Ratio Lower Upper

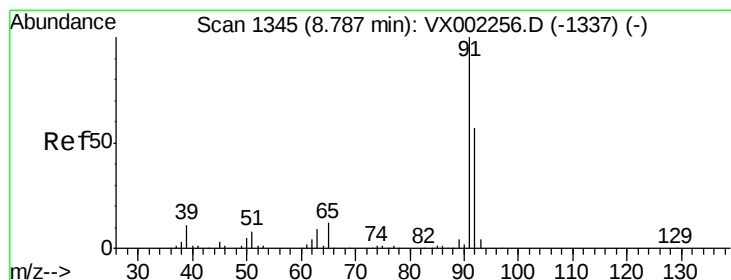
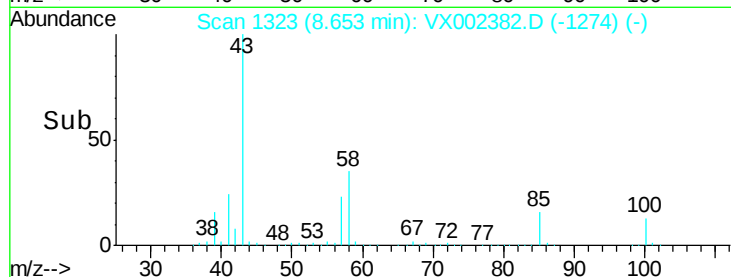
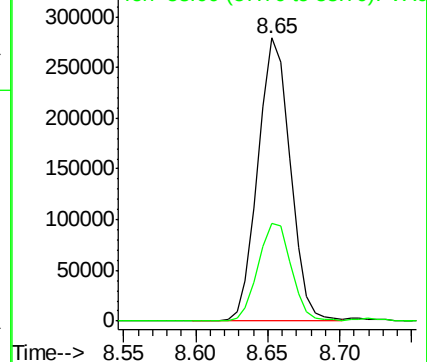
43 100

58 35.6 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: 19.10 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002382.D

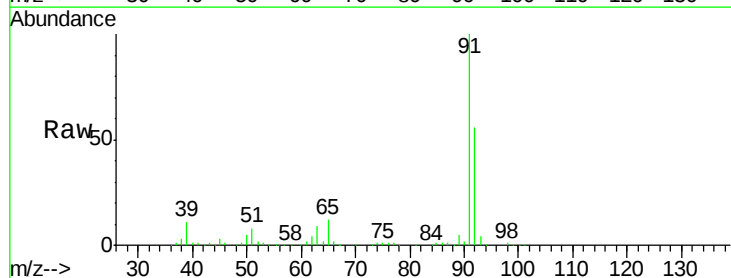
Acq: 07 Jun 2018 17:14

Tgt Ion: 92 Resp: 122995

Ion Ratio Lower Upper

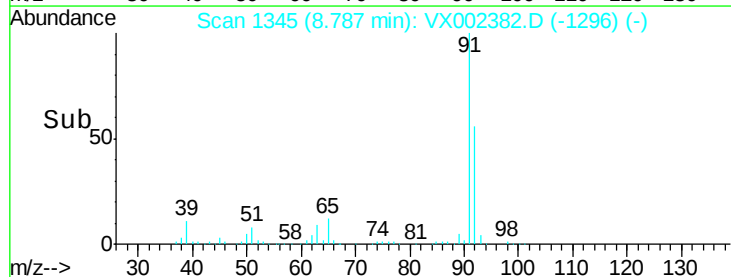
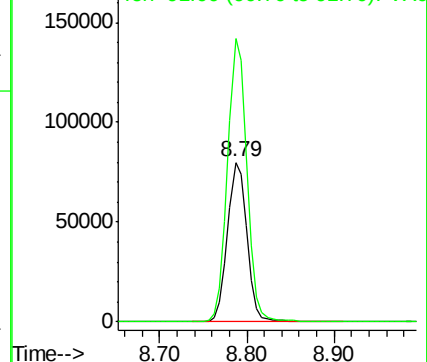
92 100

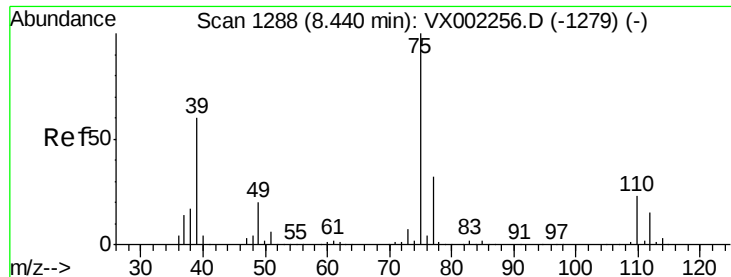
91 176.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

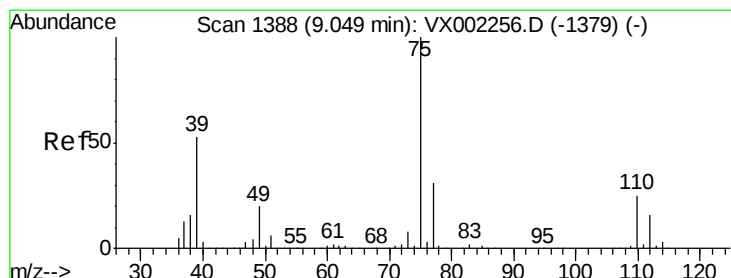
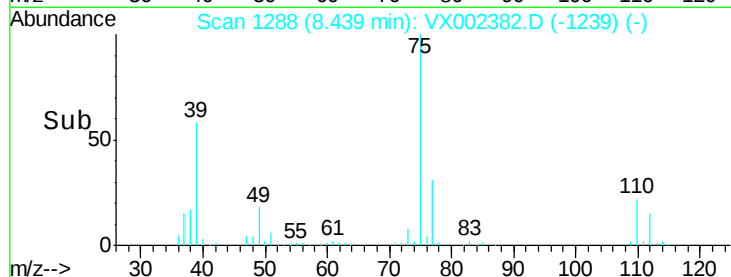
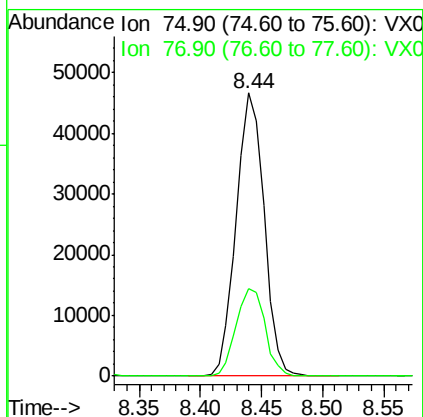
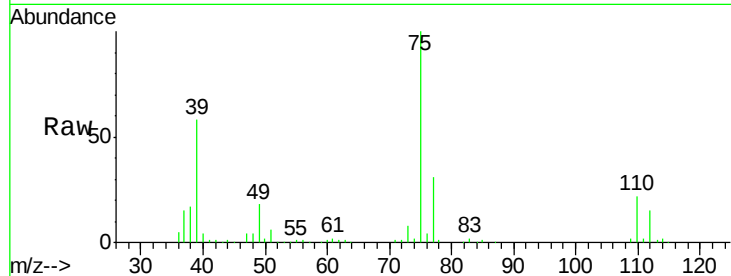




#53
t-1,3-Dichloropropene
Concen: 18.43 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

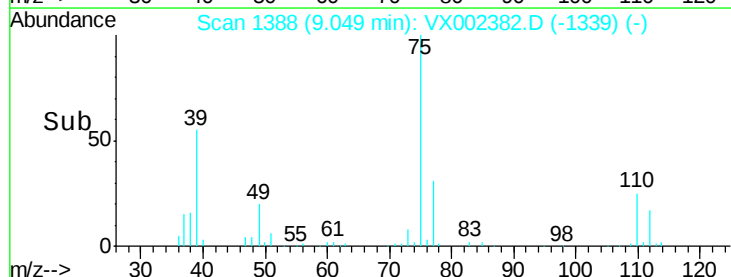
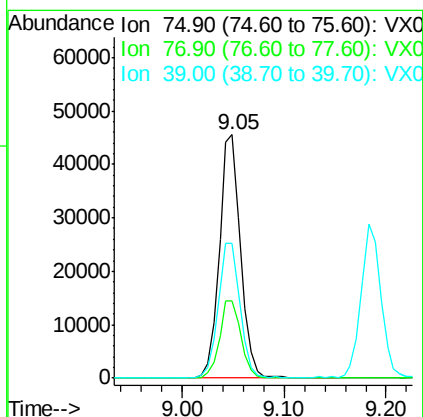
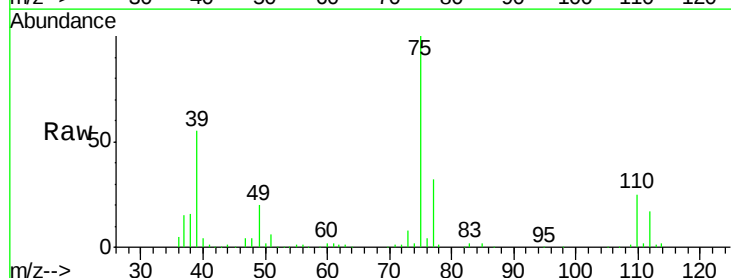
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tot Ion: 75 Resp: 74077
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 17.40 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 75 Resp: 65983
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 54.8 42.4 63.6

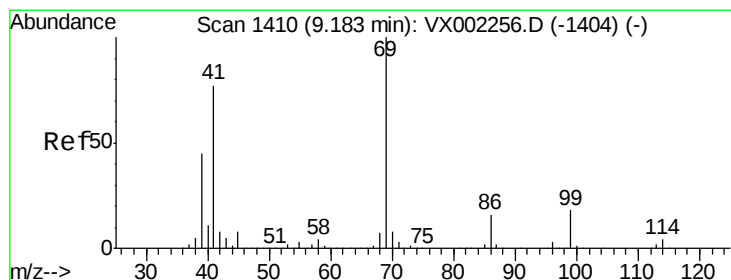
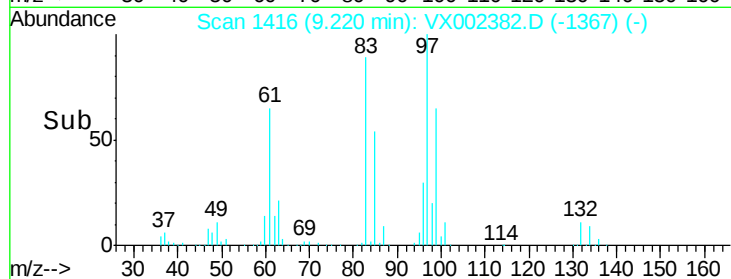
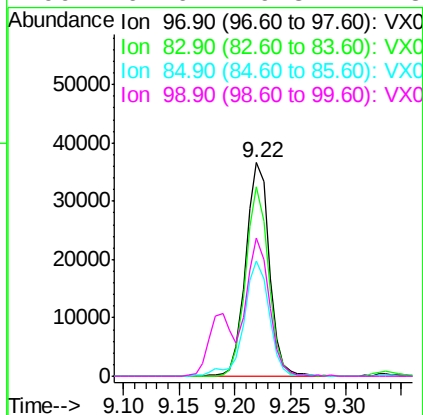
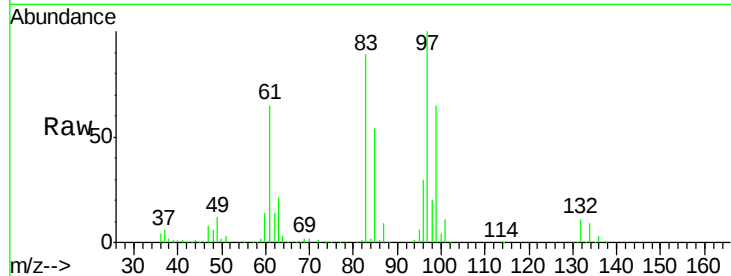




#55
 1,1,2-Trichloroethane
 Concen: 20.43 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

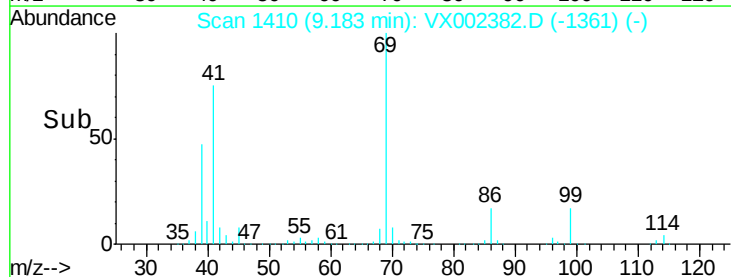
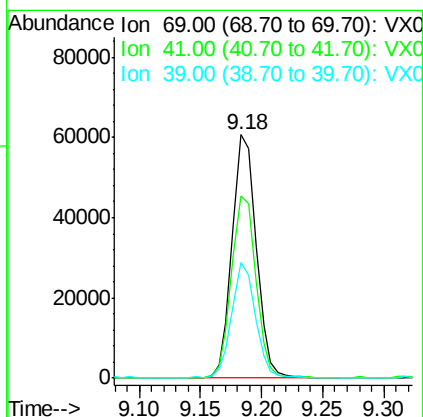
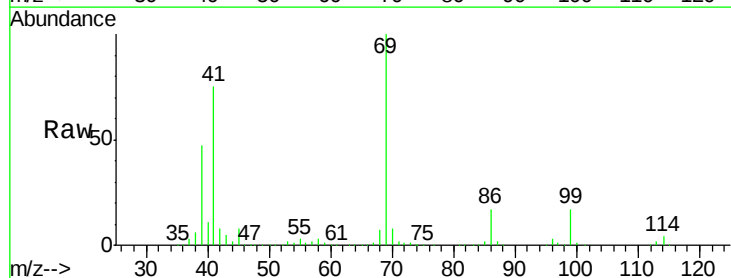
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tot Ion:	97	Resp:	54114
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.2	105.2
85	54.2	44.9	67.3
99	64.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 19.69 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion:	69	Resp:	83266
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.3	90.5
39	46.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.03 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

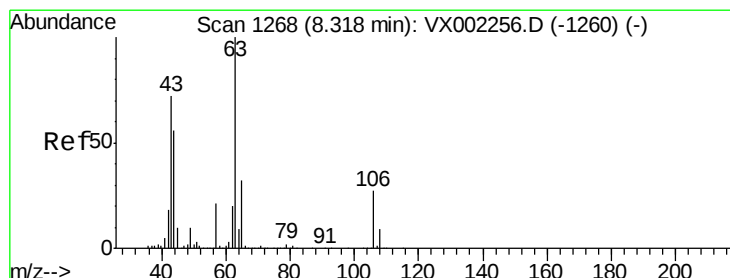
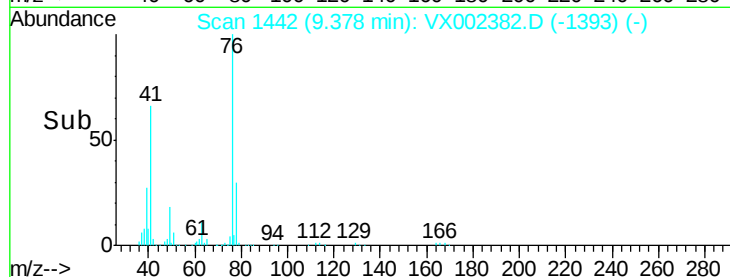
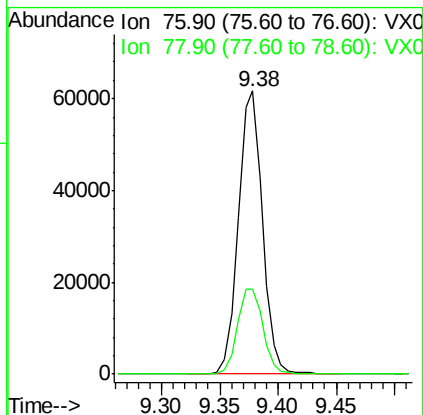
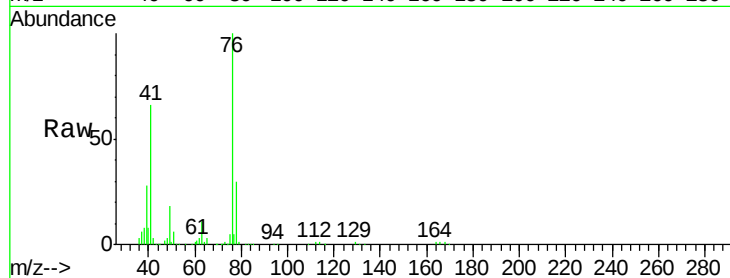
VX0607WBSD01

Tot Ion: 76 Resp: 89000

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.50 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002382.D

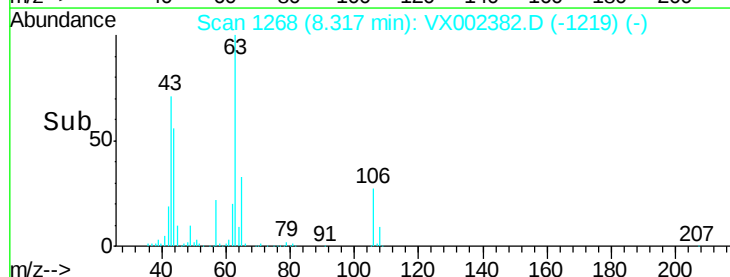
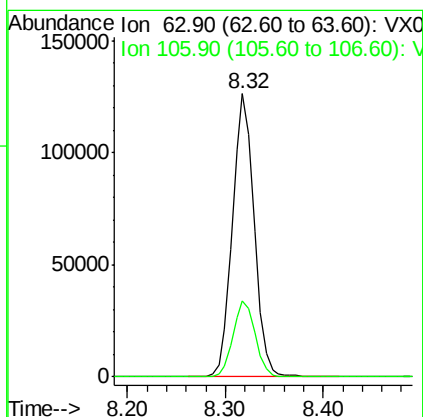
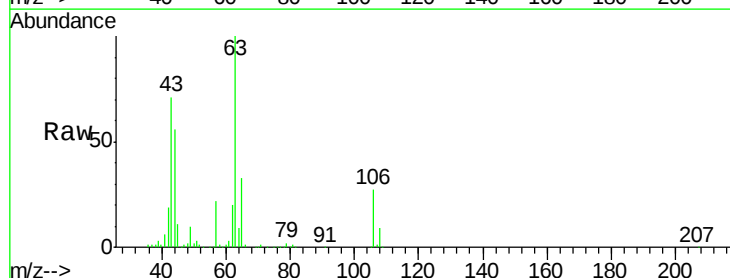
Acq: 07 Jun 2018 17:14

Tgt Ion: 63 Resp: 194713

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8

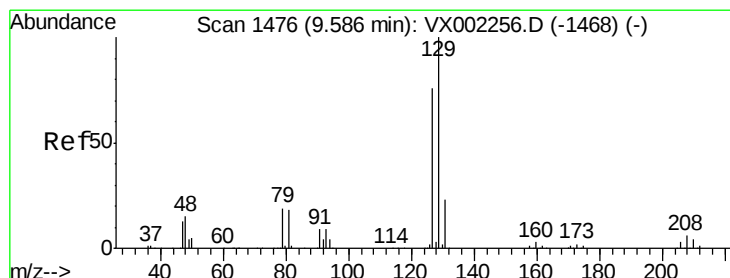
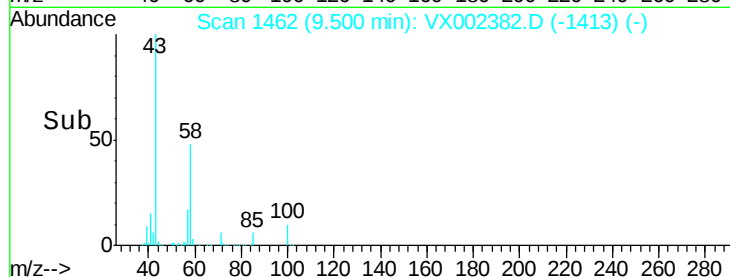
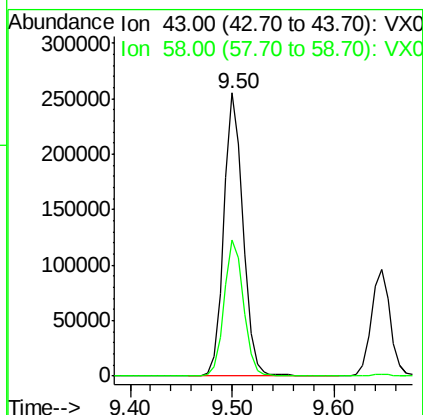
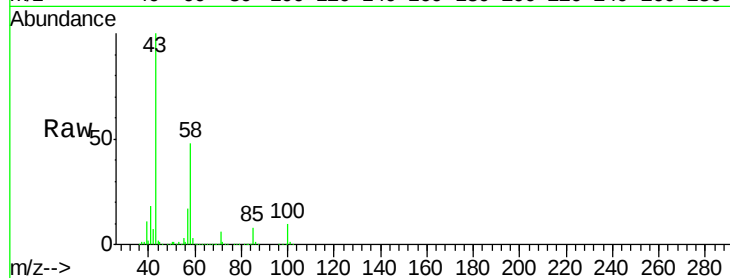




#59
2-Hexanone
Concen: 102.85 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

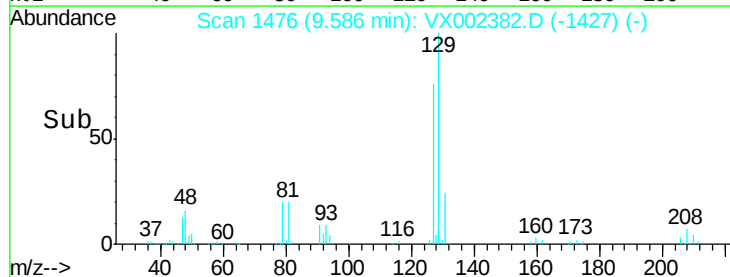
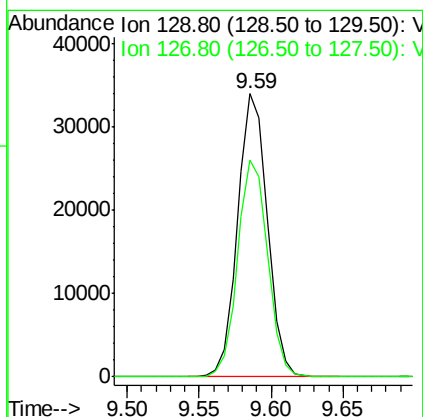
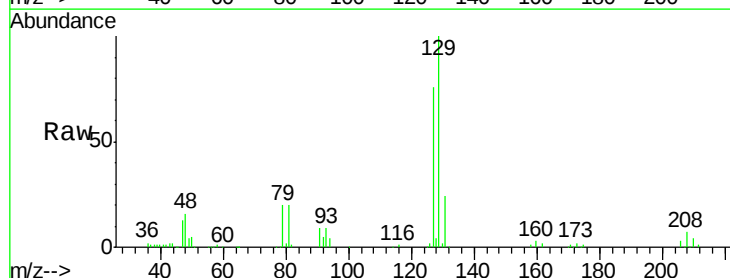
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tot Ion: 43 Resp: 333666
Ion Ratio Lower Upper
43 100
58 48.8 24.6 73.6



#60
Dibromochloromethane
Concen: 18.32 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 129 Resp: 48808
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.36 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

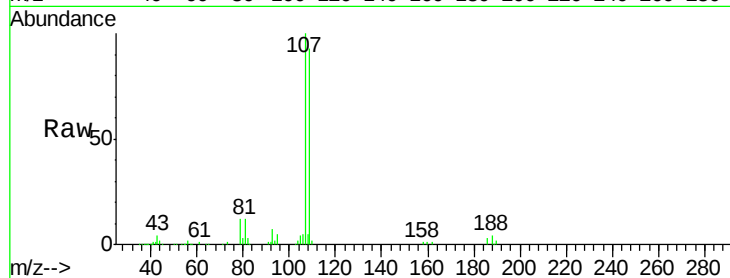
VX0607WBSD01

Tot Ion:107 Resp: 56219

Ion Ratio Lower Upper

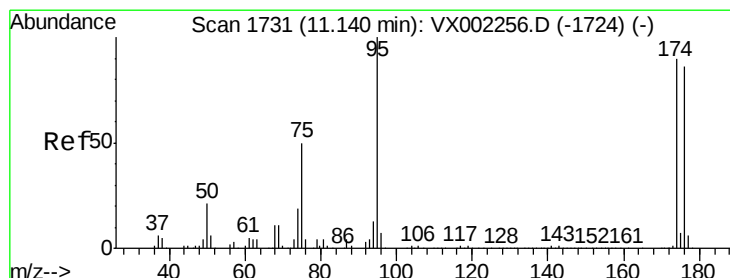
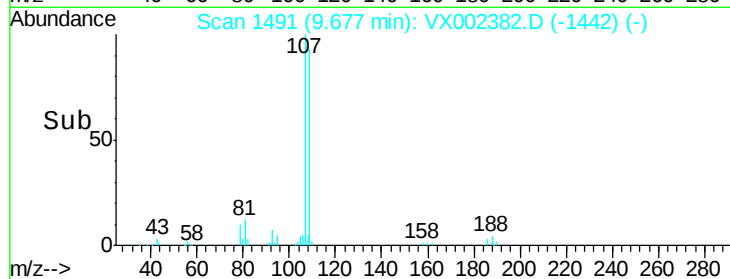
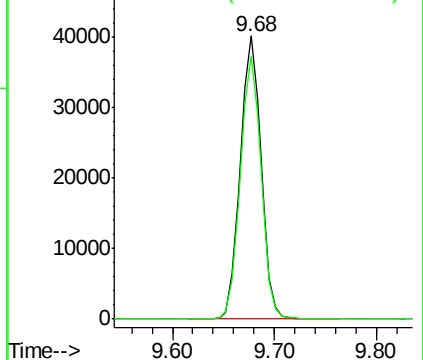
107 100

109 93.2 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: 42.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

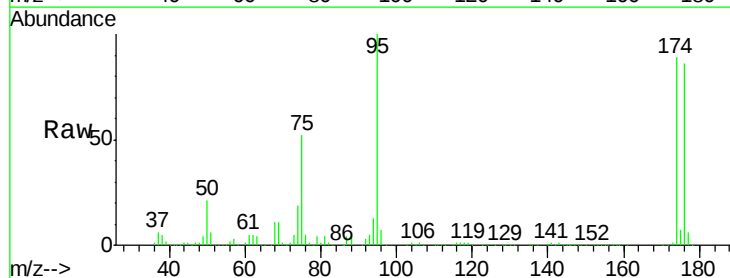
Tgt Ion: 95 Resp: 154296

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.4

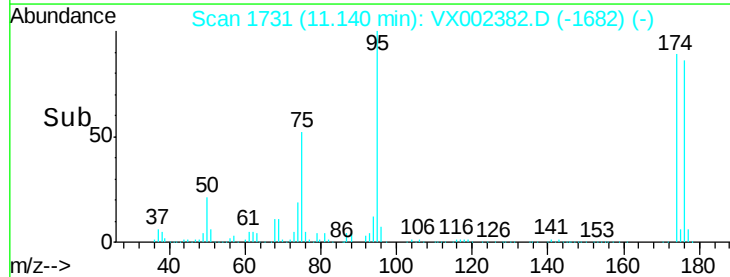
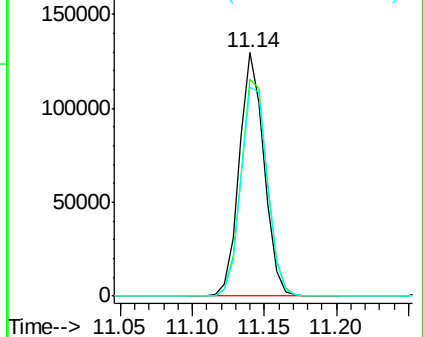
176 92.2 0.0 181.0

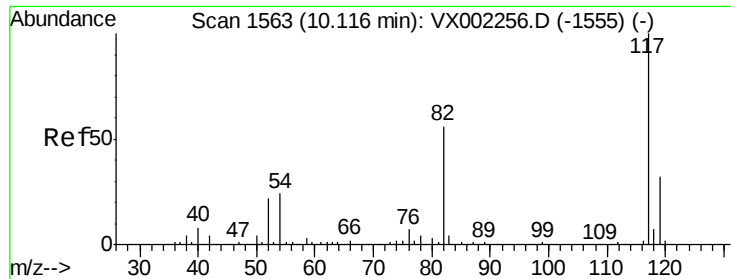


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

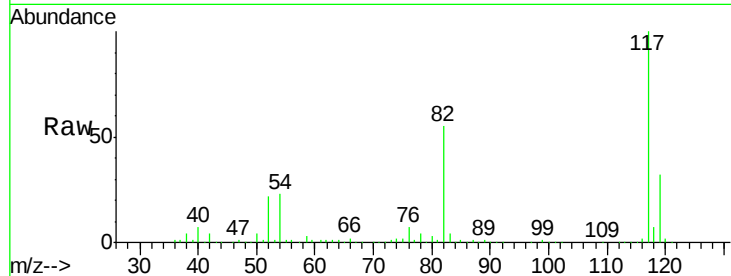




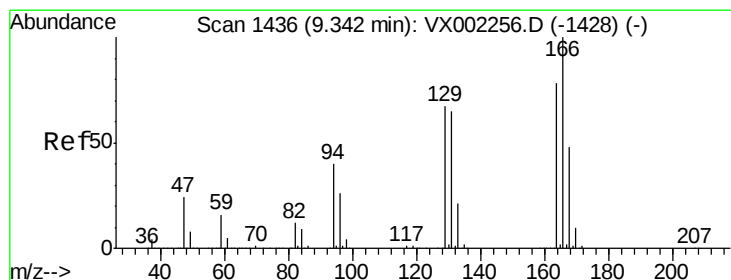
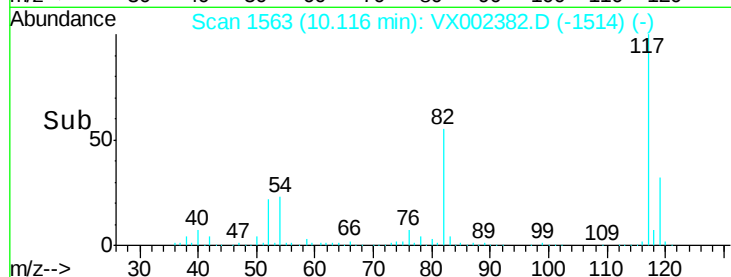
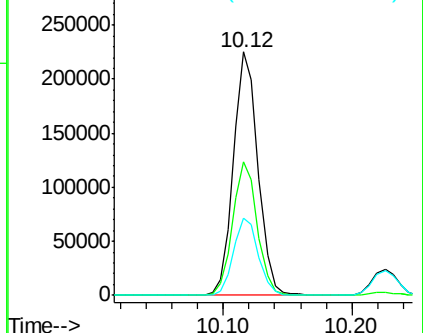
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tot Ion:117 Resp: 300466
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 31.9 25.8 38.6

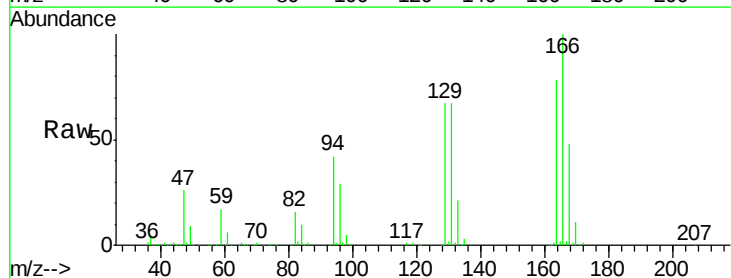


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

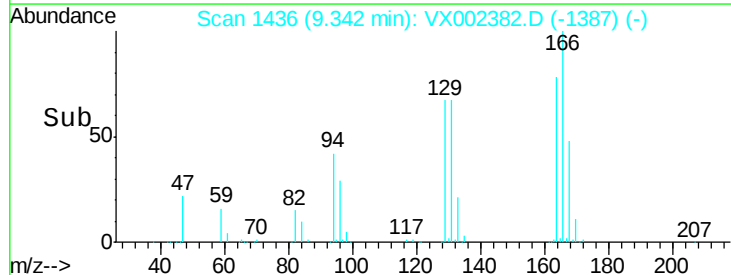
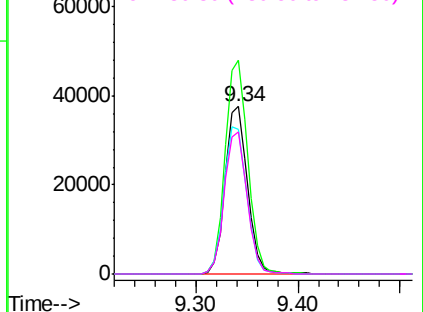


#64
Tetrachloroethene
Concen: 18.42 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion:164 Resp: 57069
Ion Ratio Lower Upper
164 100
166 127.4 102.9 154.3
129 86.0 68.6 102.8
131 84.8 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

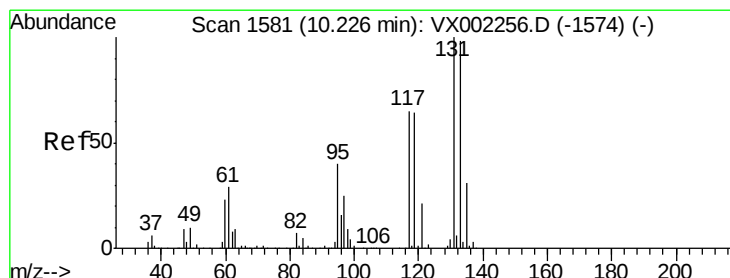
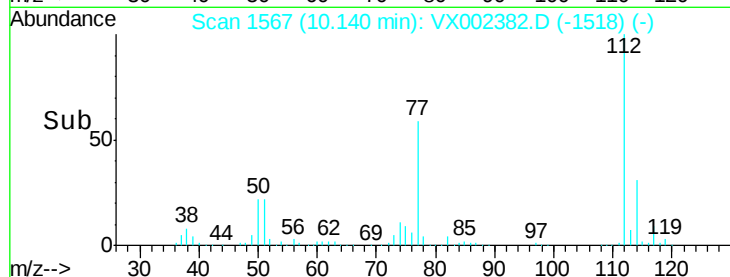
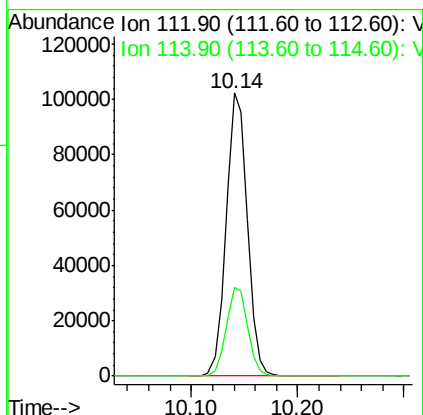
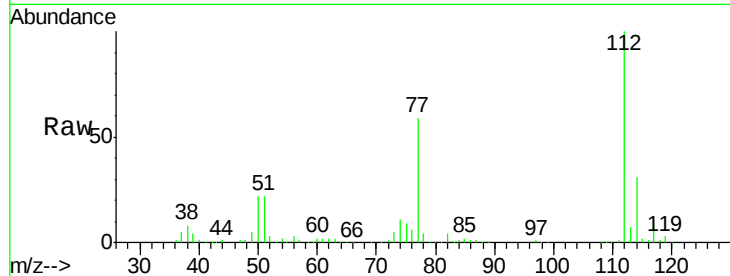




#65
Chlorobenzene
Concen: 19.09 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

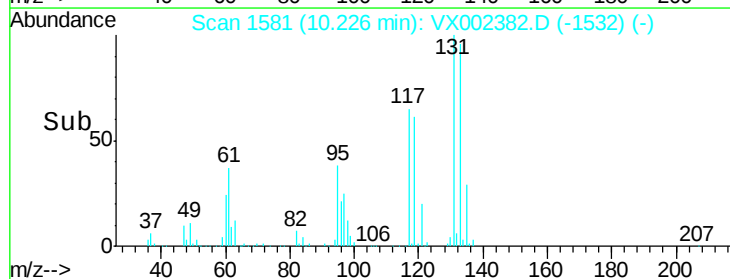
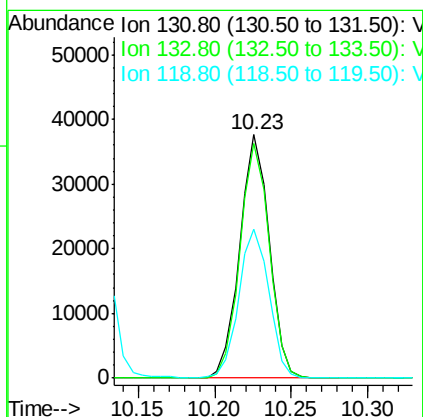
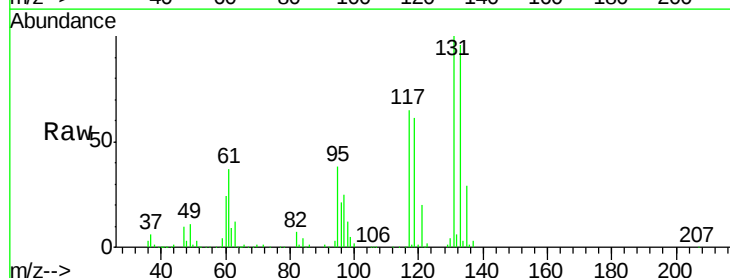
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

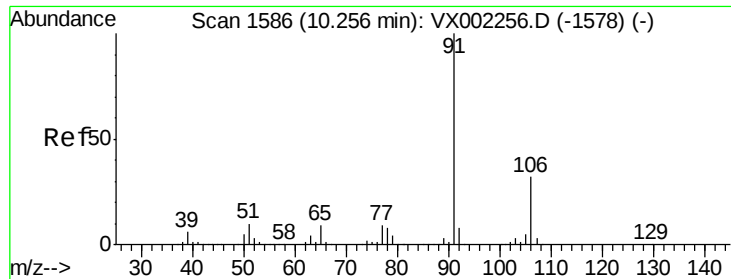
Tot Ion:112 Resp: 142690
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.66 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion:131 Resp: 50527
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 62.6 31.8 95.3

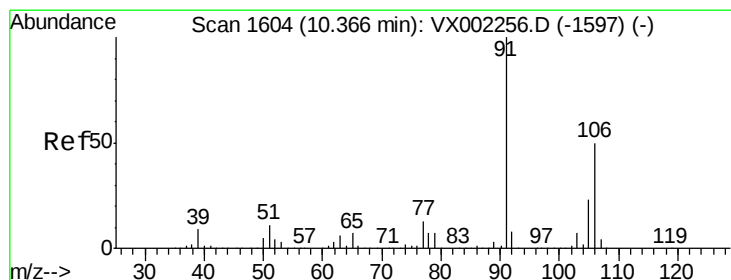
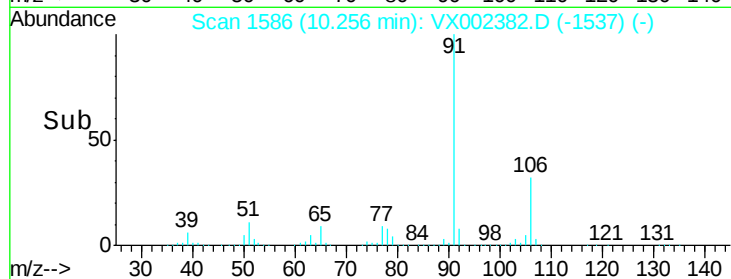
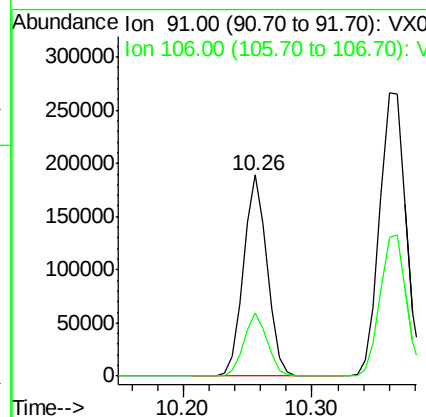
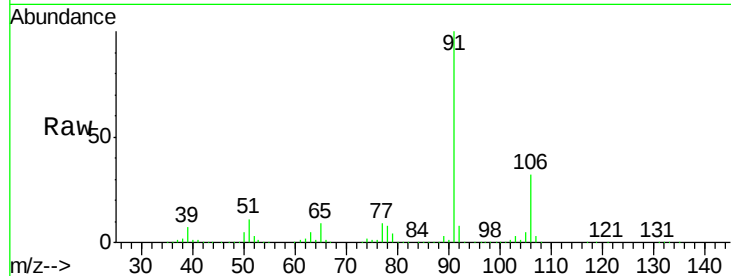




#67
Ethyl Benzene
Concen: 19.15 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

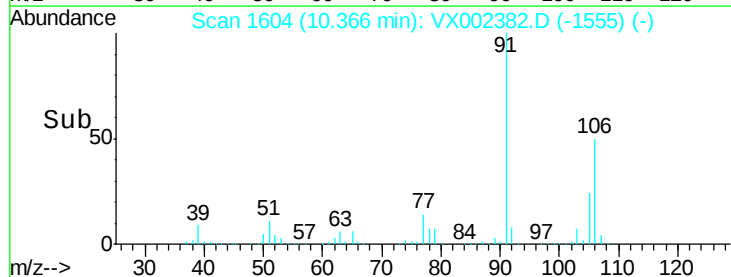
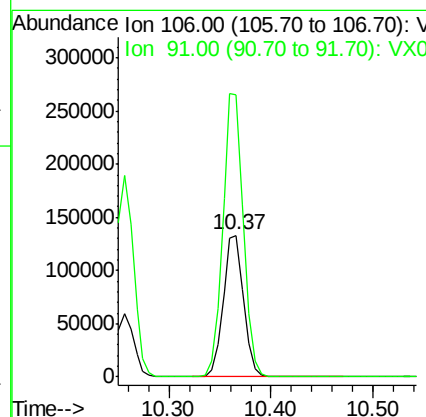
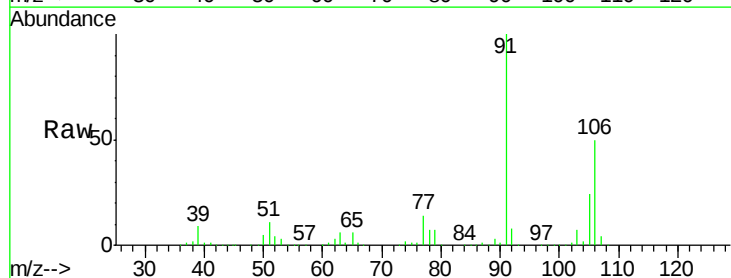
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tot Ion: 91 Resp: 239556
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 38.18 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 106 Resp: 185699
Ion Ratio Lower Upper
106 100
91 201.1 163.4 245.2

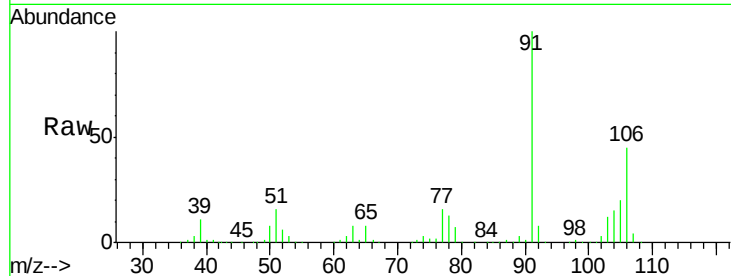




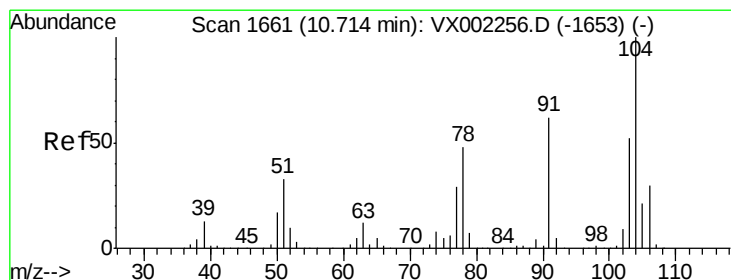
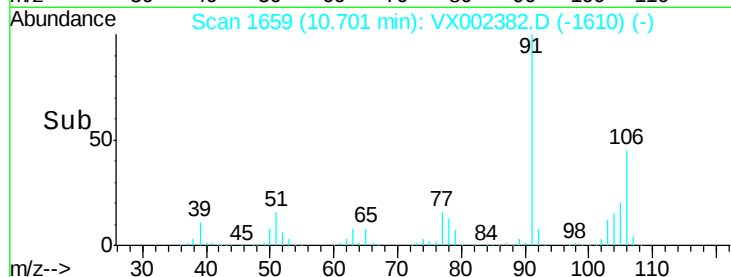
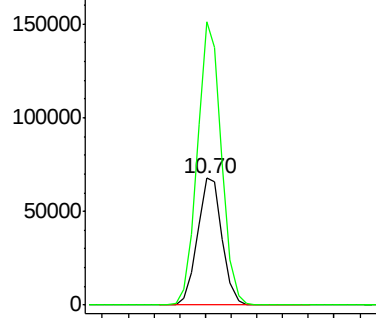
#69
o-Xylene
Concen: 18.83 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tot Ion:106 Resp: 91131
Ion Ratio Lower Upper
106 100
91 216.7 108.2 324.6

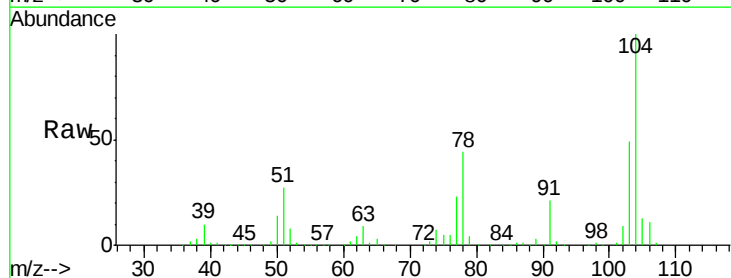


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

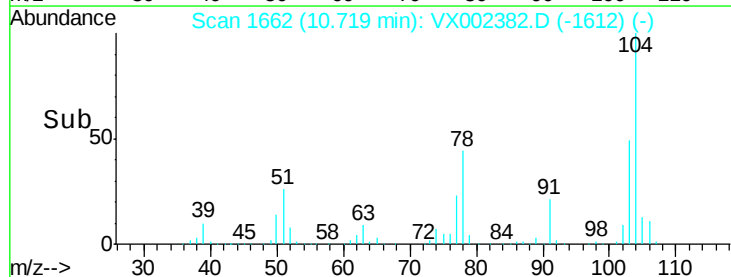
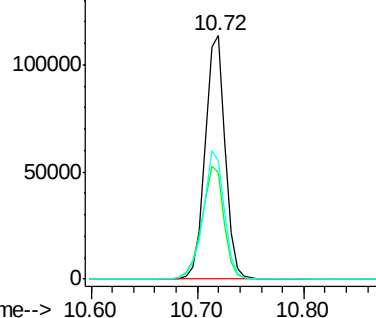


#70
Styrene
Concen: 18.93 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion:104 Resp: 149747
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 55.6 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

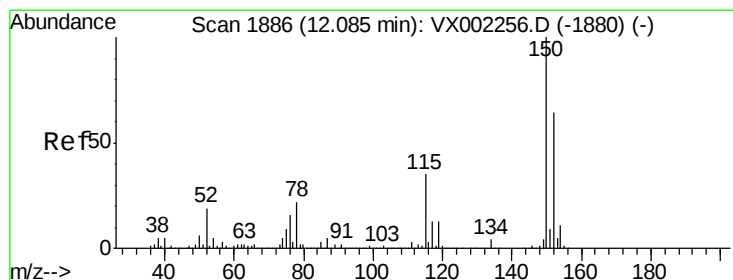
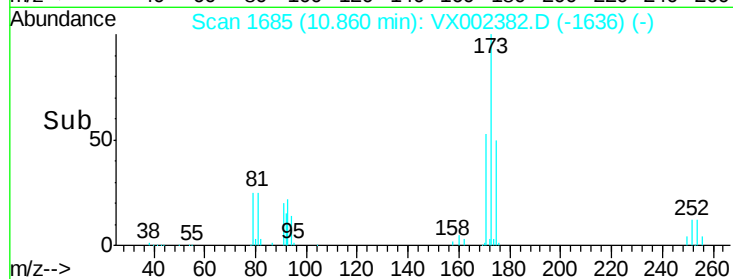
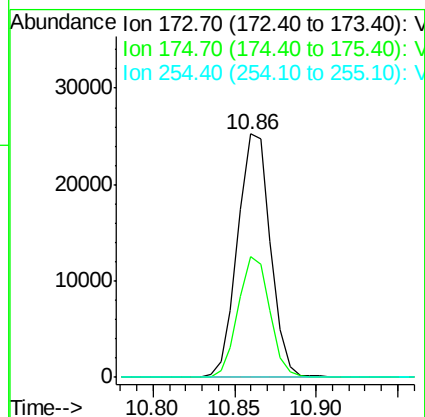
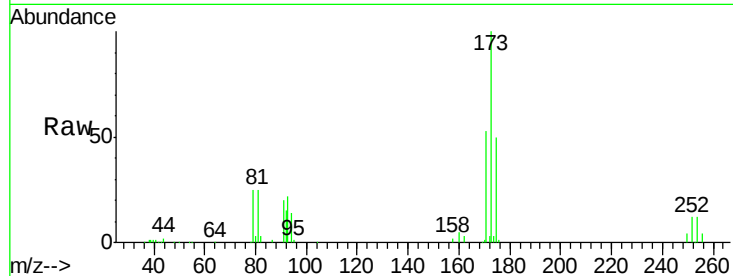




#71
Bromoform
Concen: 17.08 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

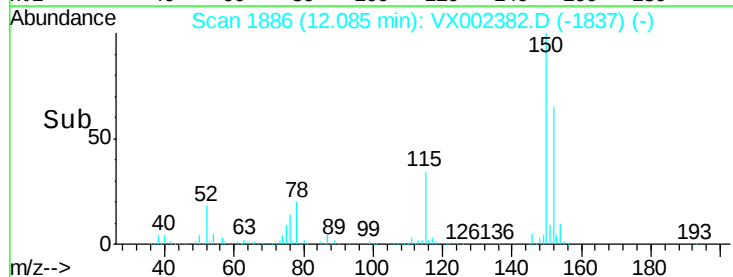
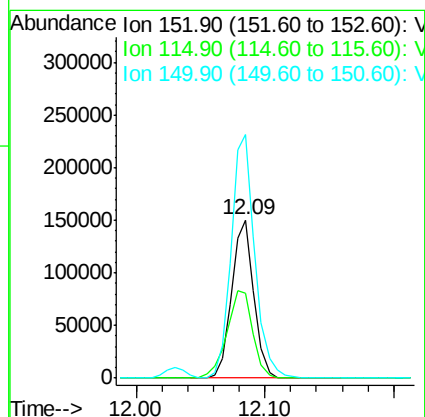
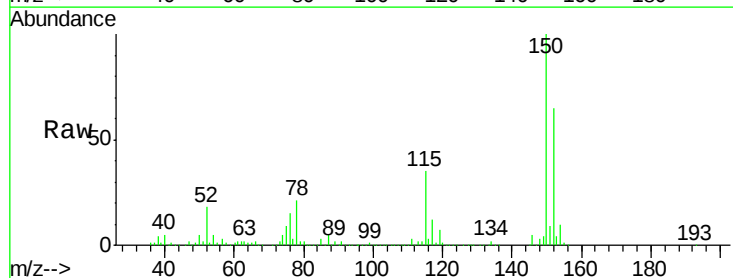
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

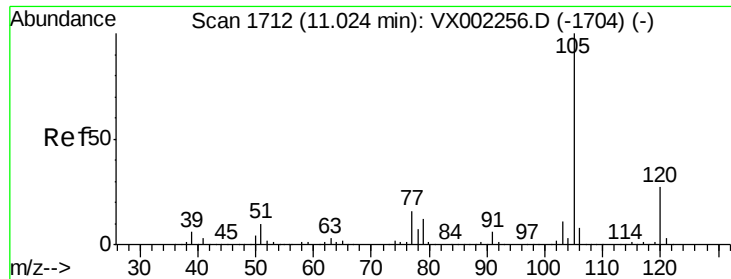
Tot Ion:173 Resp: 35482
Ion Ratio Lower Upper
173 100
175 47.8 24.7 74.1
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion:152 Resp: 181021
Ion Ratio Lower Upper
152 100
115 64.4 40.1 120.2
150 163.8 0.0 347.2





#73

Isopropylbenzene

Concen: 19.72 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

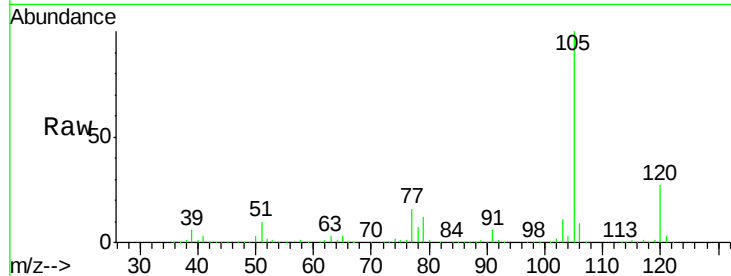
VX0607WBSD01

Tot Ion:105 Resp: 248343

Ion Ratio Lower Upper

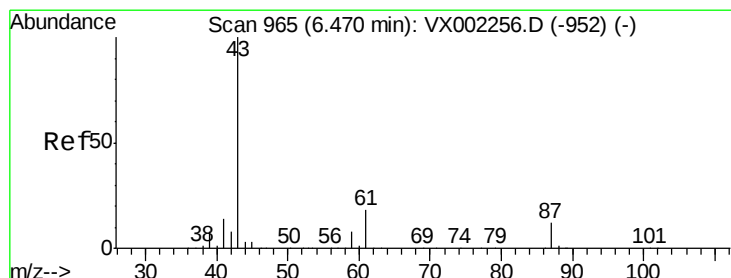
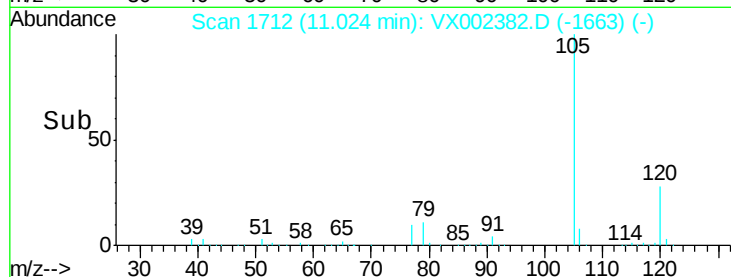
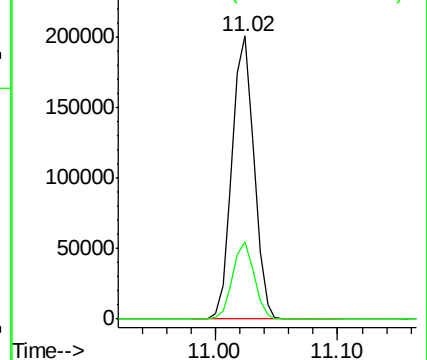
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.55 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Tgt Ion: 43 Resp: 132633

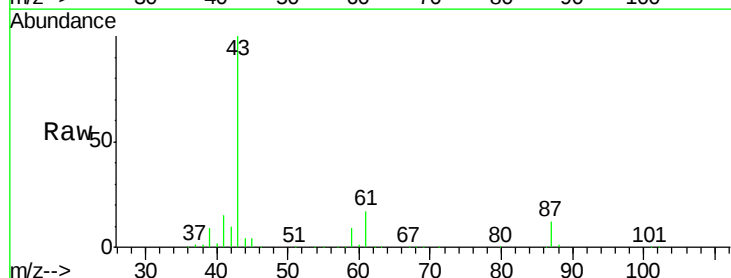
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.6 14.4 21.6

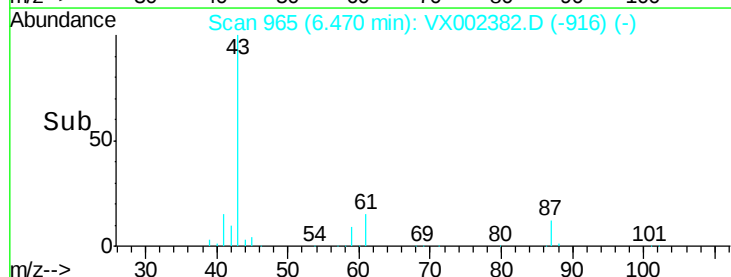
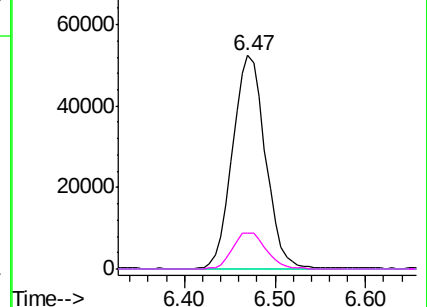


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.61 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

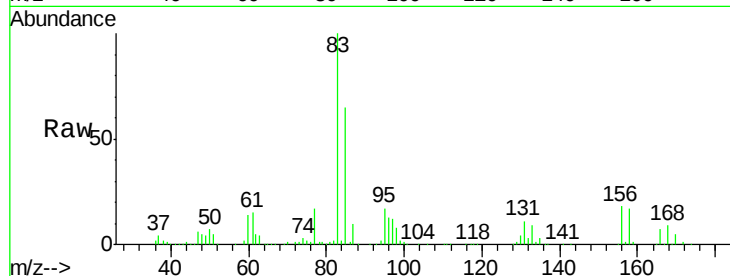
MSVOA_X

ClientSampleId :

VX0607WBSD01

Tot Ion: 83 Resp: 81609

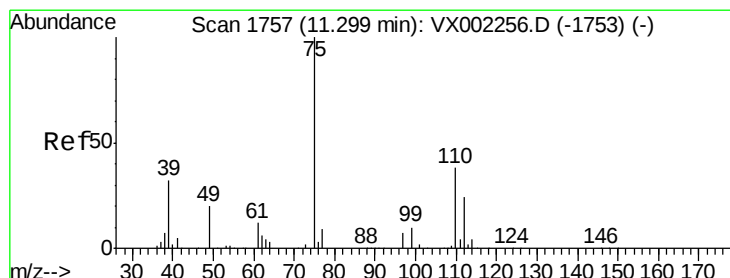
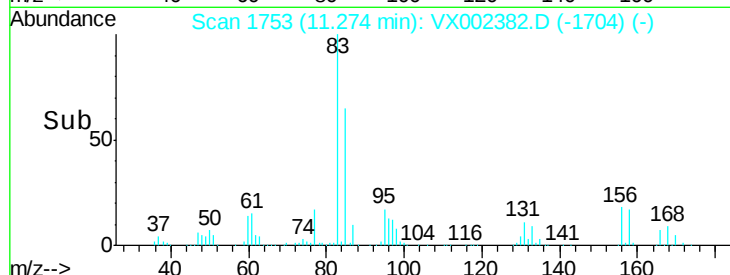
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.6	16.8
85	64.7	32.4	97.2



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: 21.36 ug/l

RT: 11.30 min Scan# 1757

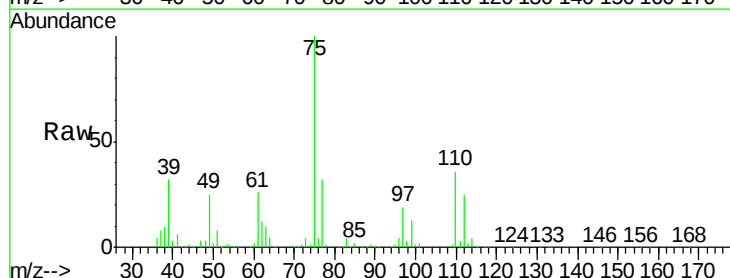
Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

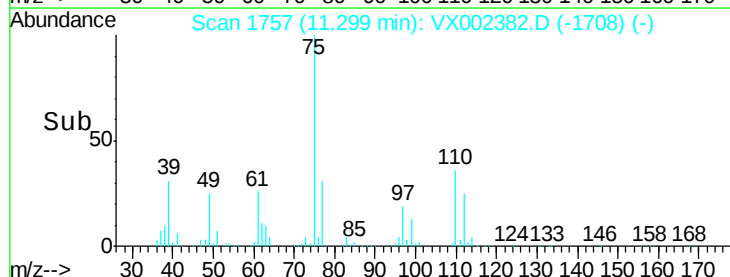
Tgt Ion: 75 Resp: 84863

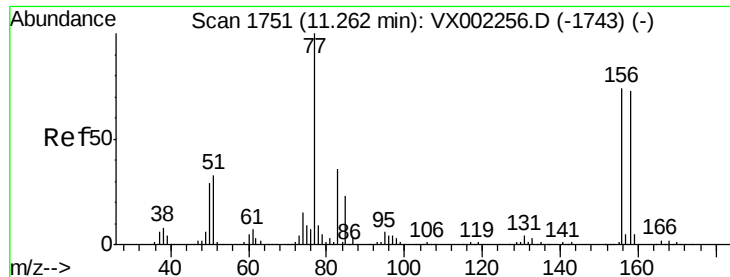
Ion	Ratio	Lower	Upper
75	100		
77	32.9	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.14 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

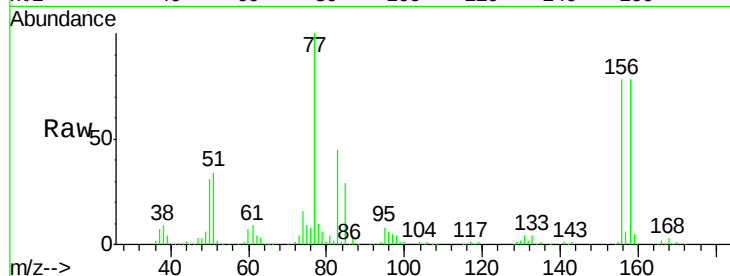
Tot Ion:156 Resp: 67671

Ion Ratio Lower Upper

156 100

77 140.8 71.4 214.2

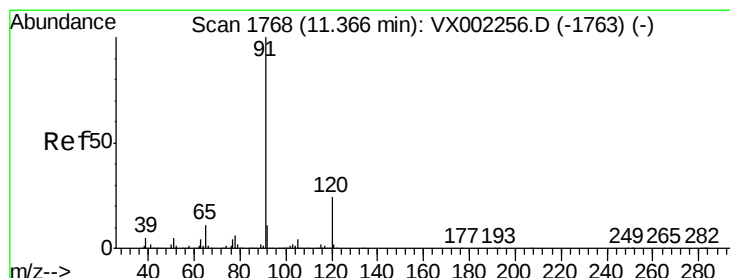
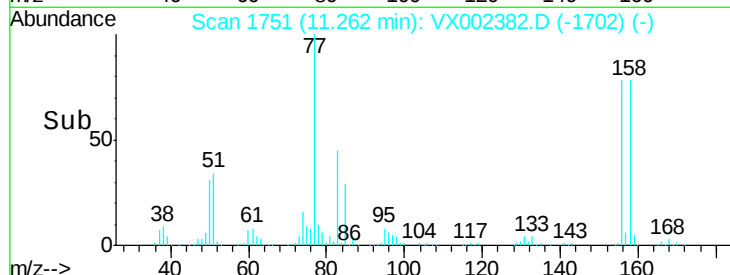
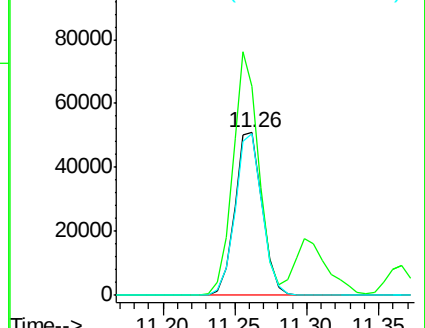
158 97.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.76 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002382.D

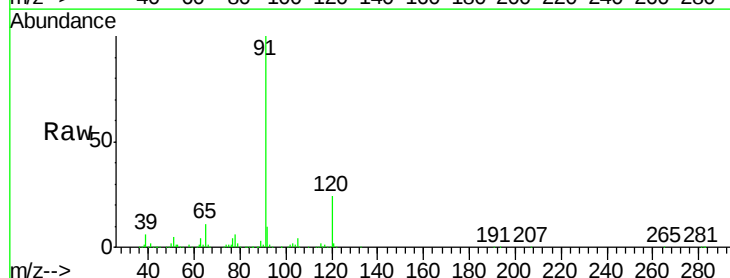
Acq: 07 Jun 2018 17:14

Tgt Ion: 91 Resp: 276556

Ion Ratio Lower Upper

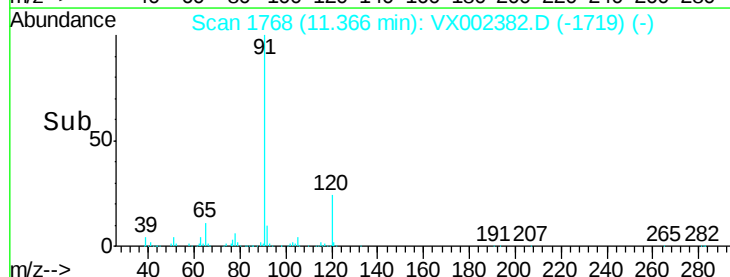
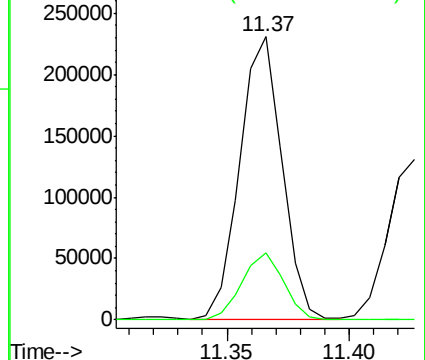
91 100

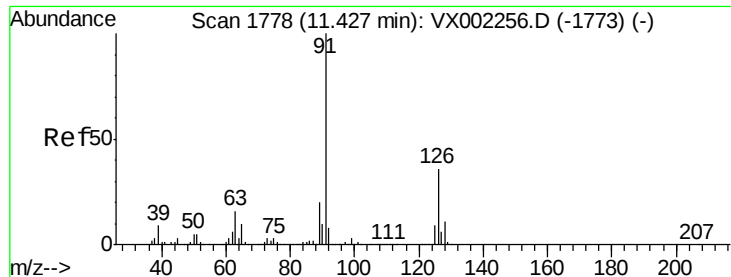
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.58 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampled :

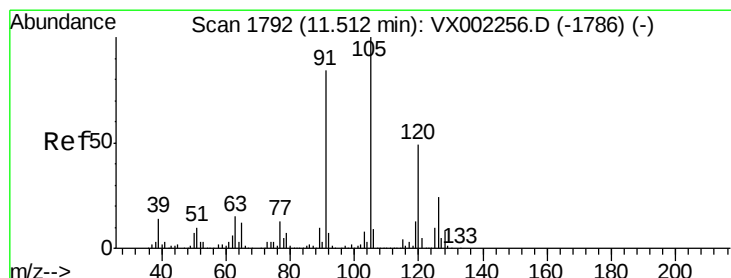
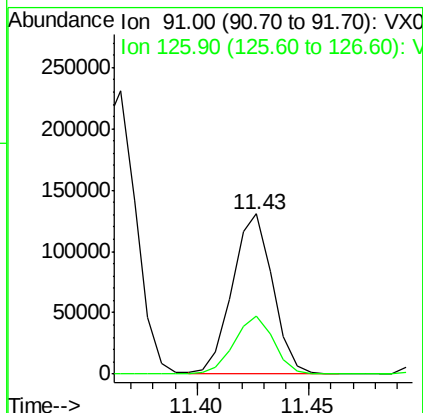
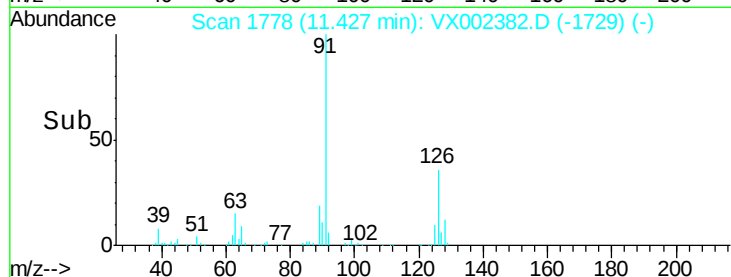
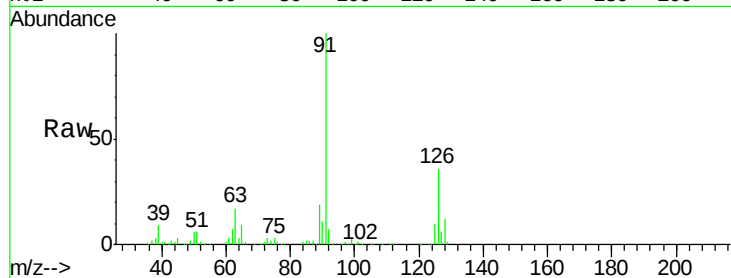
VX0607WBSD01

Tot Ion: 91 Resp: 164204

Ion Ratio Lower Upper

91 100

126 35.5 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 19.31 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002382.D

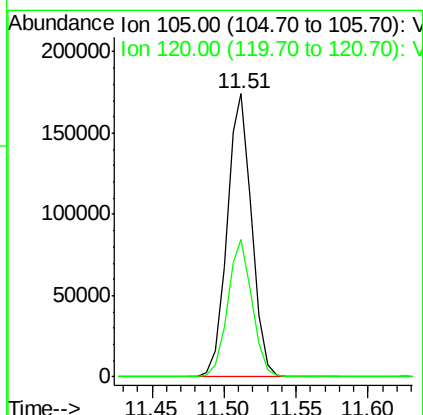
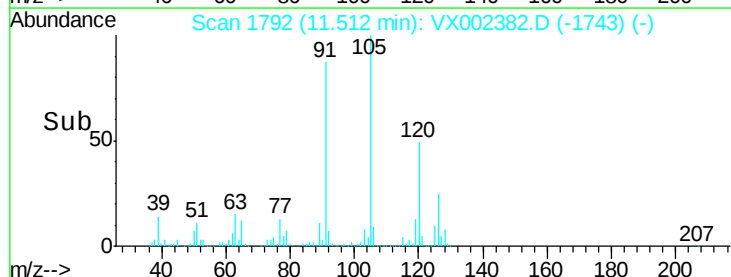
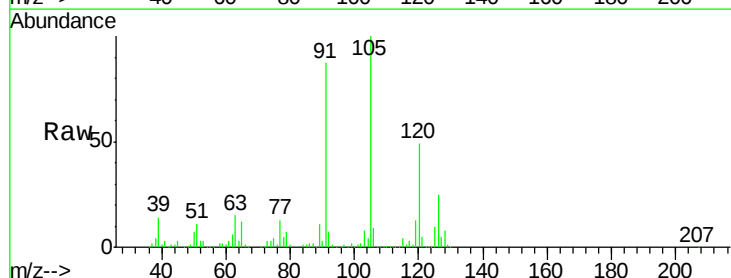
Acq: 07 Jun 2018 17:14

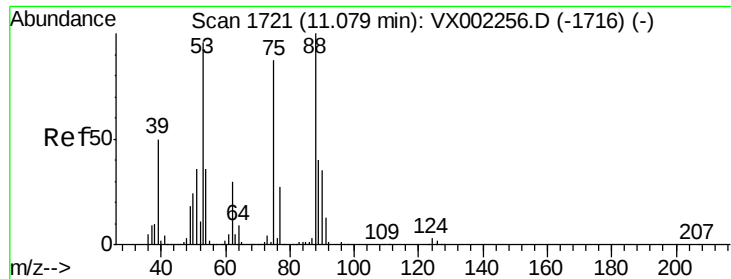
Tgt Ion: 105 Resp: 208545

Ion Ratio Lower Upper

105 100

120 48.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 12.41 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

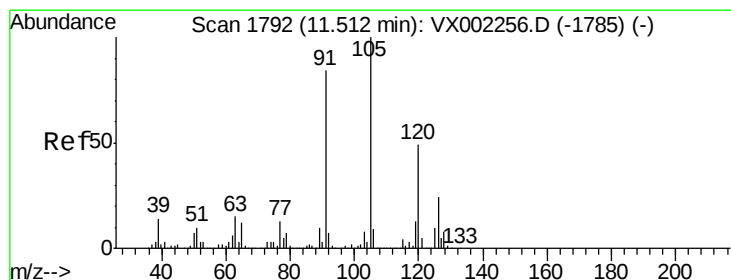
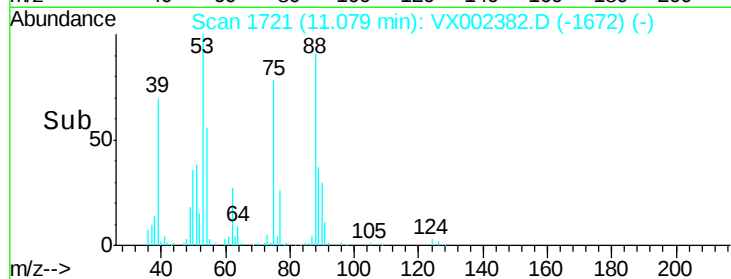
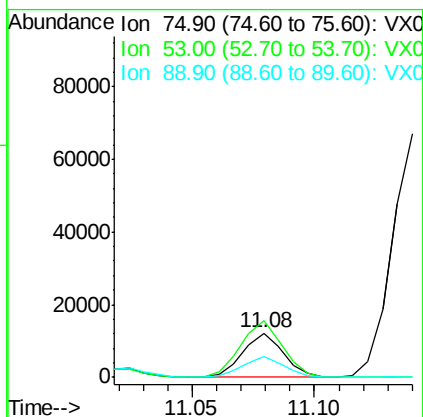
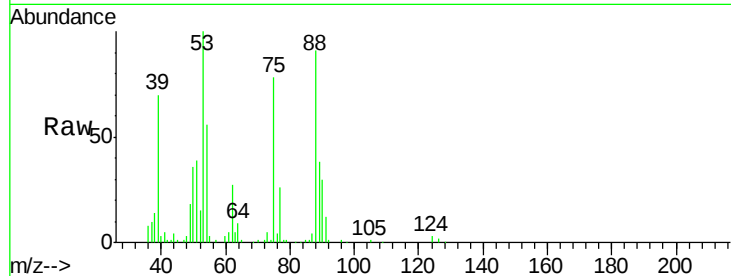
Tot Ion: 75 Resp: 14067

Ion Ratio Lower Upper

75 100

53 131.6 86.8 130.2#

89 49.0 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.06 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002382.D

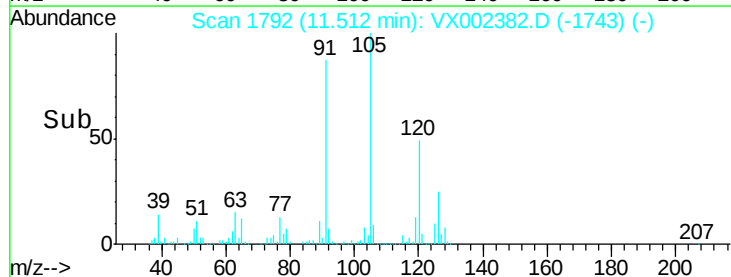
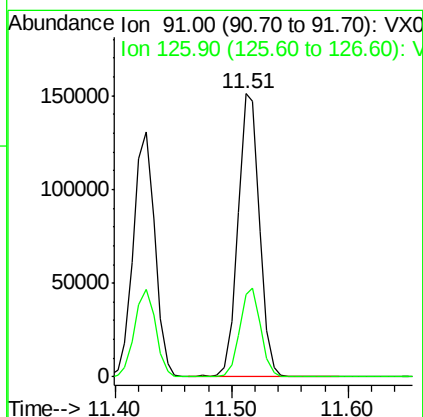
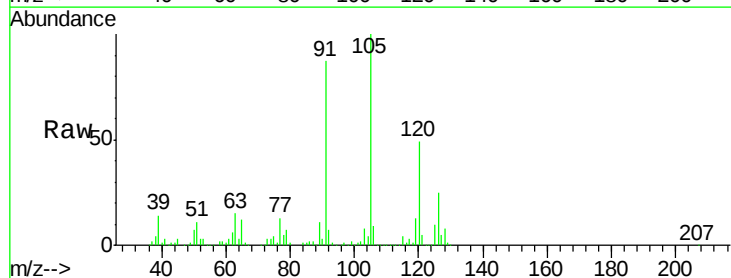
Acq: 07 Jun 2018 17:14

Tgt Ion: 91 Resp: 194416

Ion Ratio Lower Upper

91 100

126 30.4 15.4 46.4

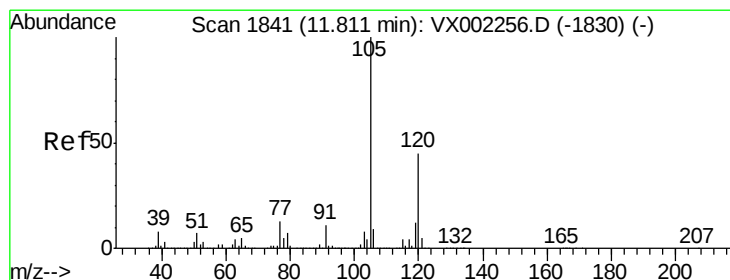
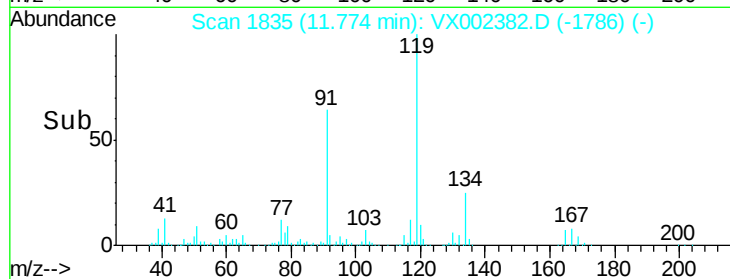
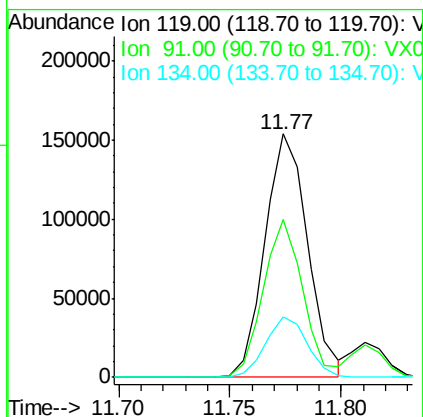
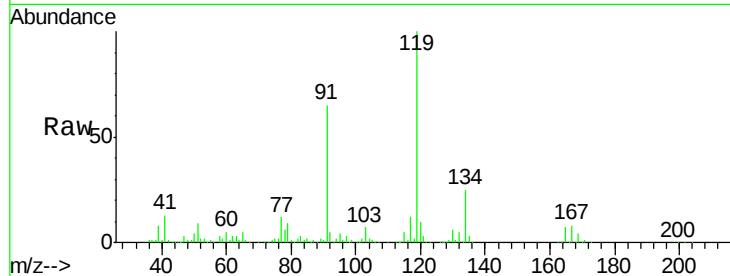




#83
 tert-Butylbenzene
 Concen: 19.47 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

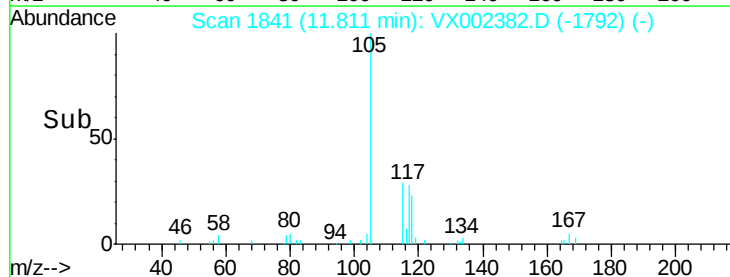
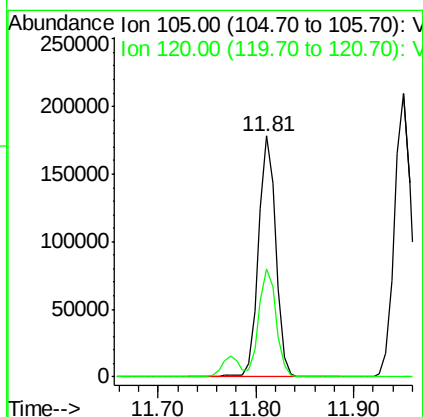
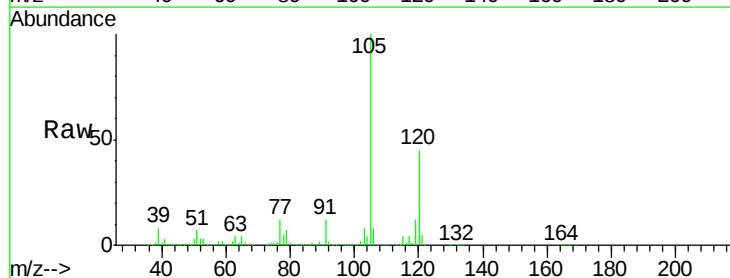
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0607WBSD01

Tot Ion:119 Resp: 204744
 Ion Ratio Lower Upper
 119 100
 91 60.5 30.3 90.9
 134 24.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.56 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion:105 Resp: 217497
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.25 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

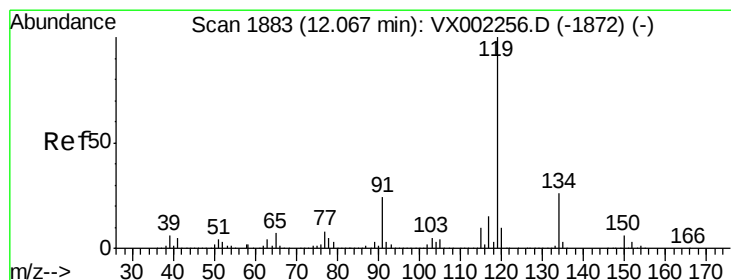
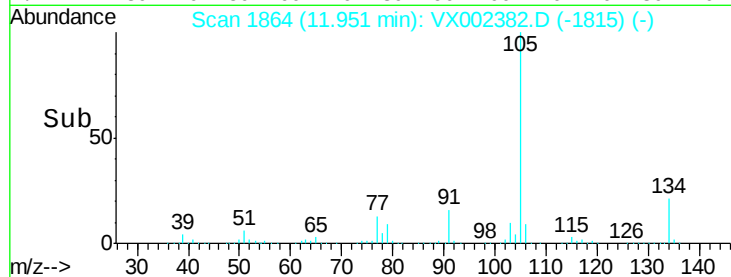
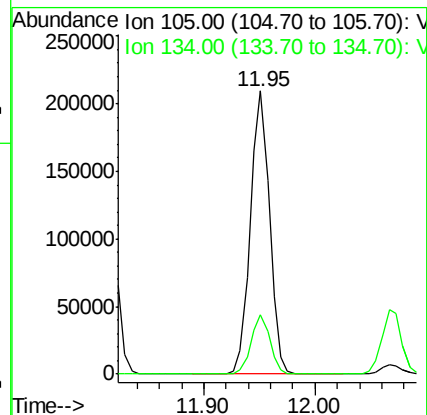
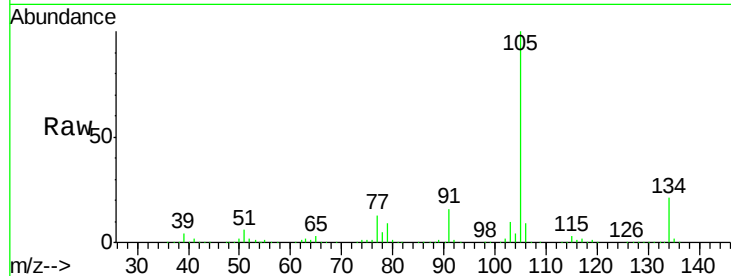
VX0607WBSD01

Tot Ion:105 Resp: 249664

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.85 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

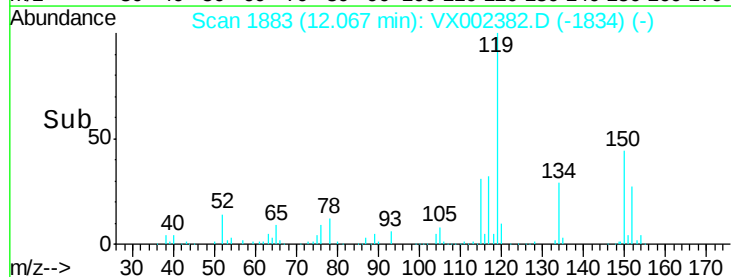
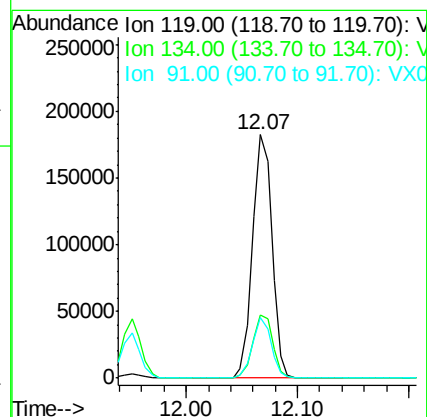
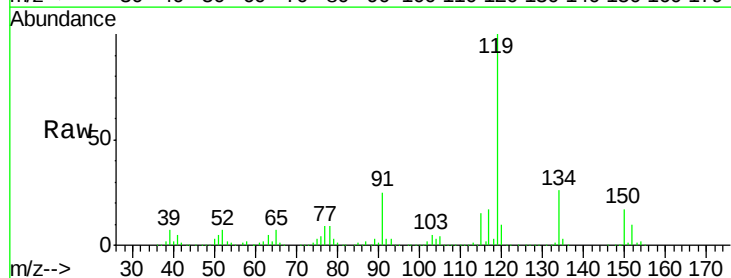
Tgt Ion:119 Resp: 222988

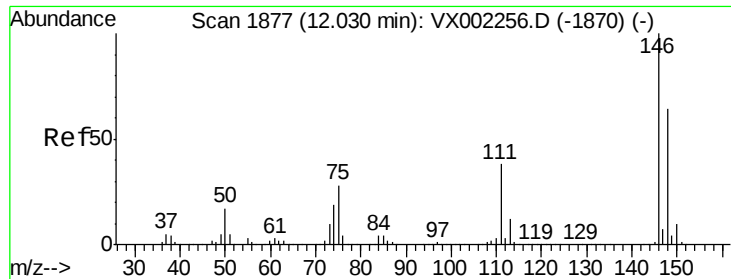
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.8 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.05 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampled :

VX0607WBSD01

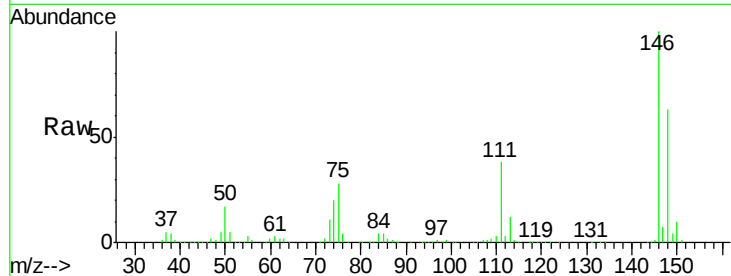
Tot Ion:146 Resp: 120413

Ion Ratio Lower Upper

146 100

111 37.6 18.9 56.7

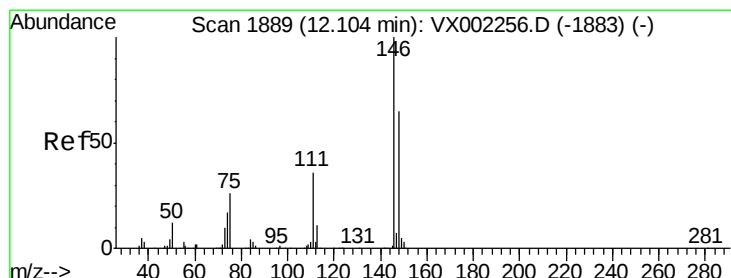
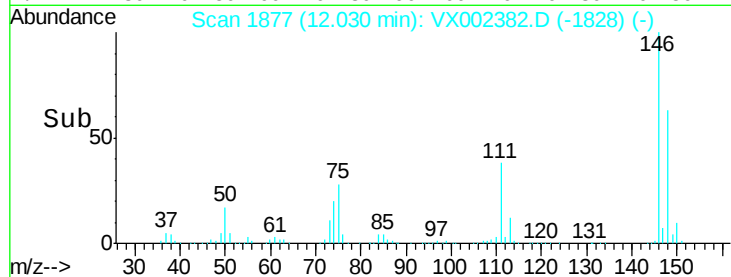
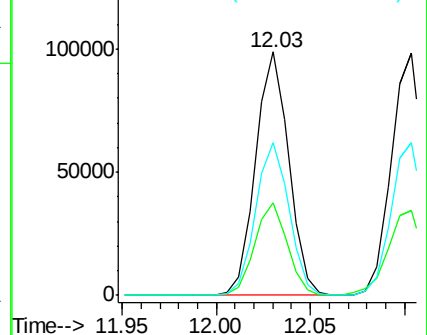
148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.49 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

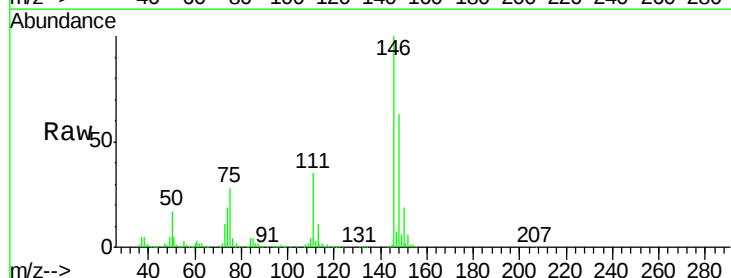
Tgt Ion:146 Resp: 120499

Ion Ratio Lower Upper

146 100

111 37.8 18.7 56.1

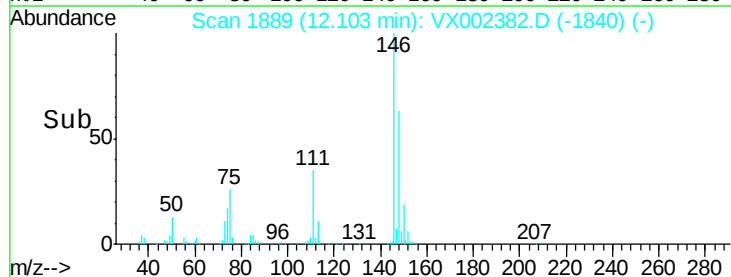
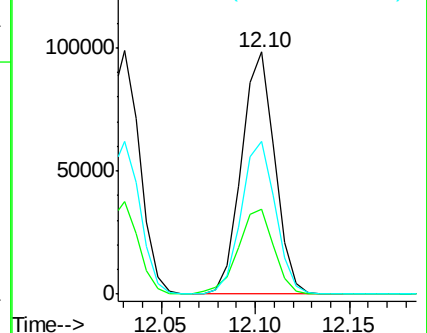
148 64.5 32.4 97.0

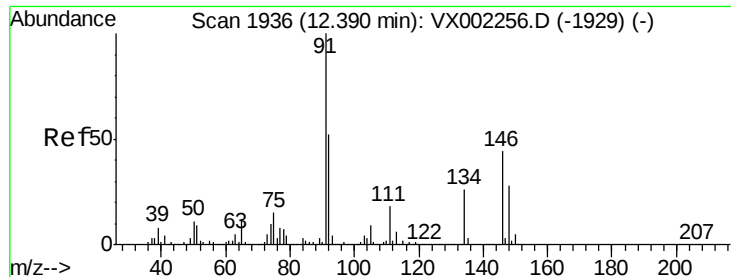


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.59 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

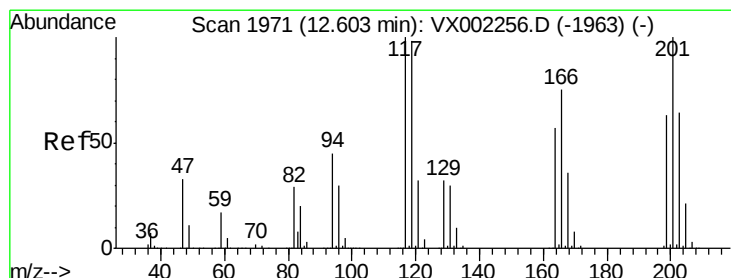
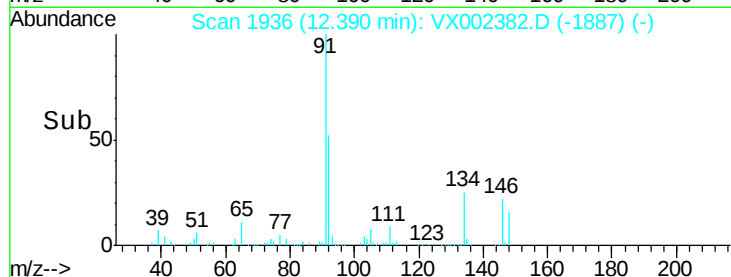
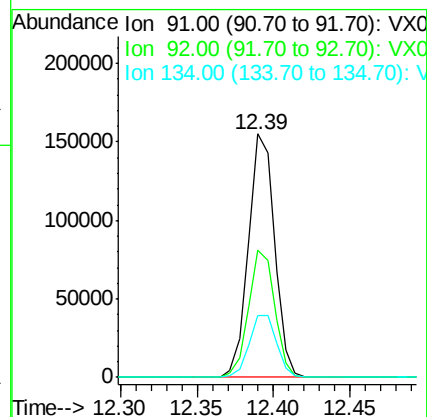
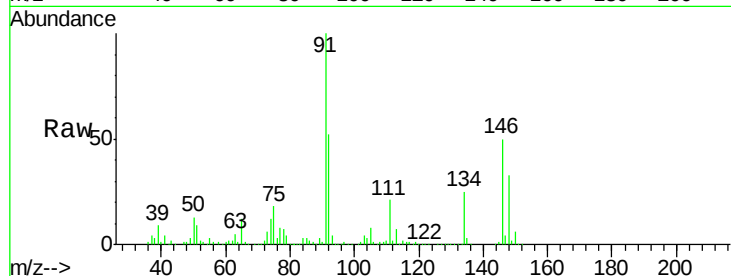
Tot Ion: 91 Resp: 184555

Ion Ratio Lower Upper

91 100

92 52.2 26.0 78.0

134 26.7 13.5 40.5



#90

Hexachloroethane

Concen: 15.39 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002382.D

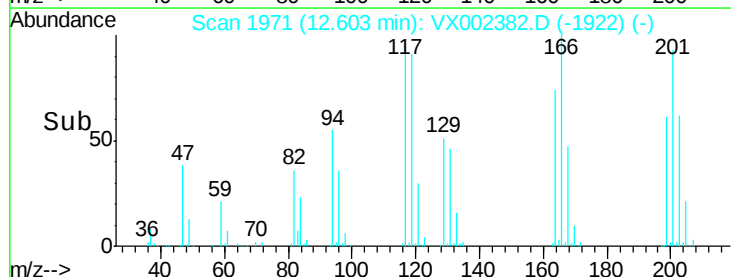
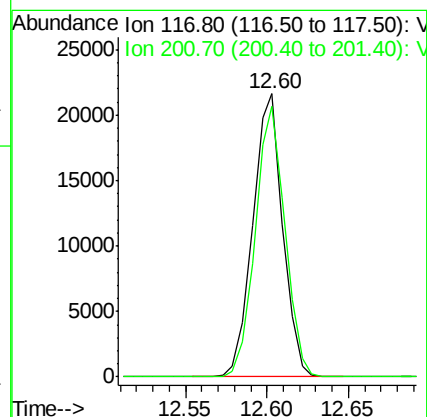
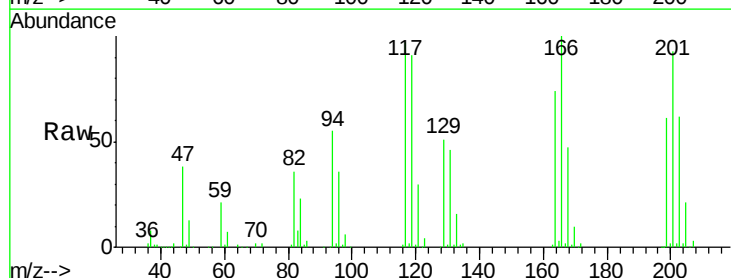
Acq: 07 Jun 2018 17:14

Tgt Ion: 117 Resp: 27593

Ion Ratio Lower Upper

117 100

201 94.7 49.0 147.0

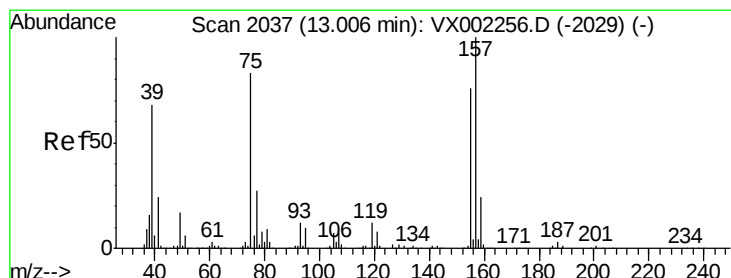
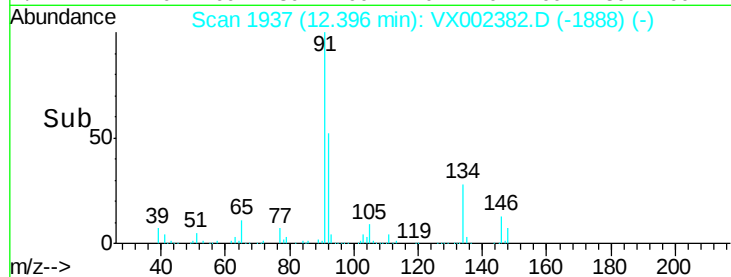
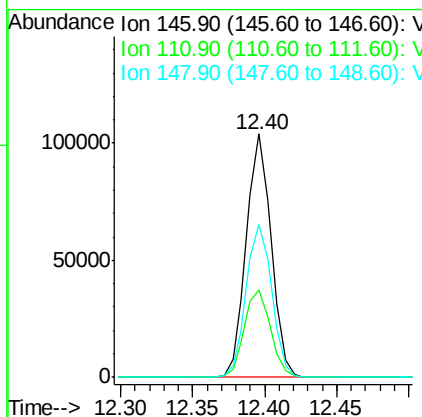
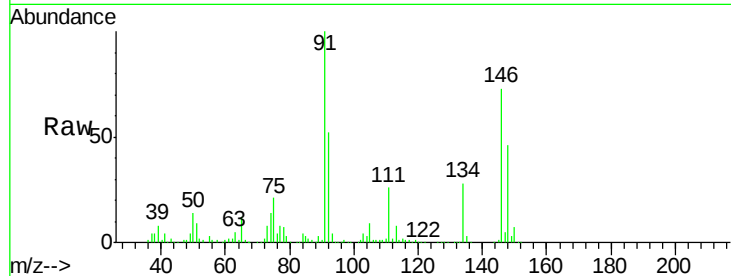




#91
 1,2-Dichlorobenzene
 Concen: 19.04 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

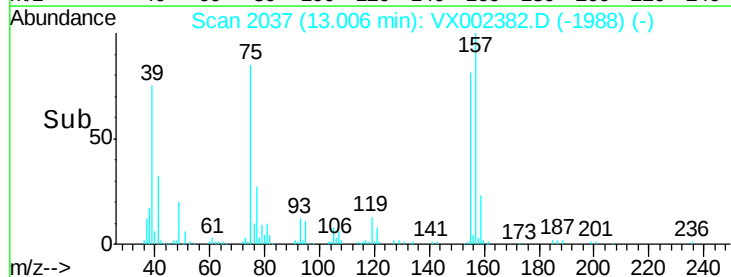
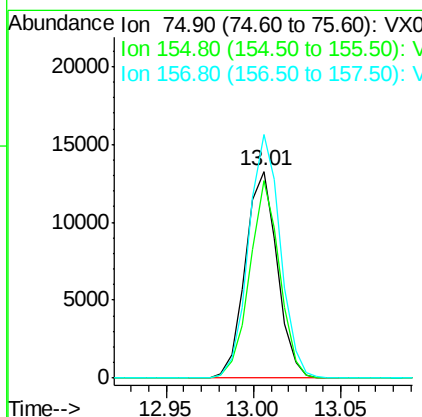
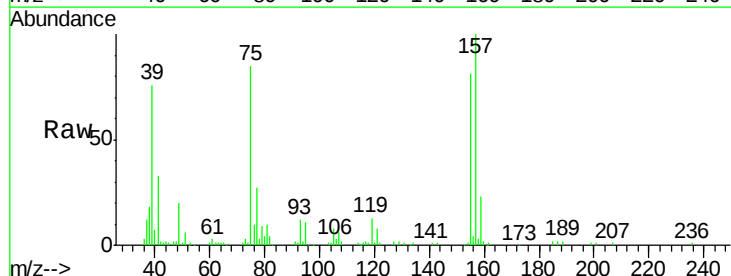
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0607WBSD01

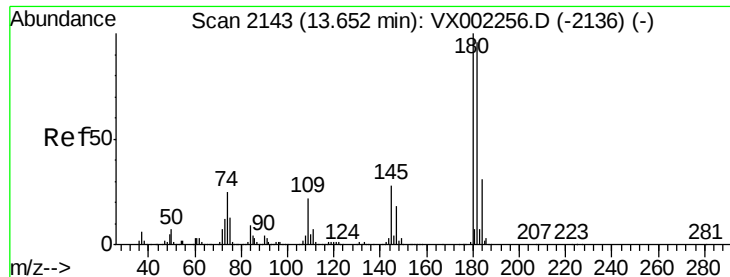
Tot Ion:146 Resp: 124549
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.4 58.1
 148 64.6 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.45 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion: 75 Resp: 16850
 Ion Ratio Lower Upper
 75 100
 155 89.0 45.8 137.4
 157 117.2 60.1 180.3

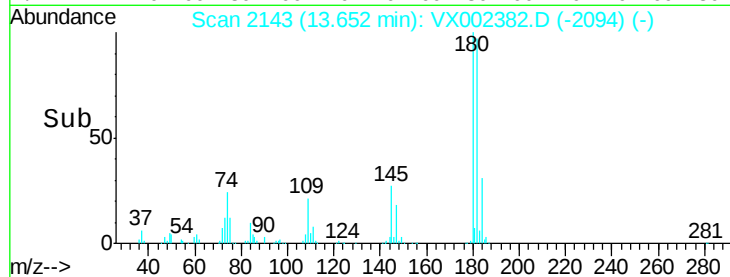
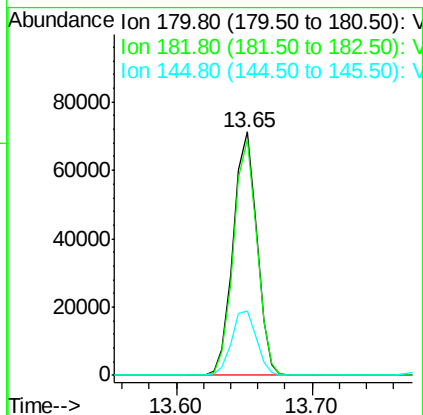
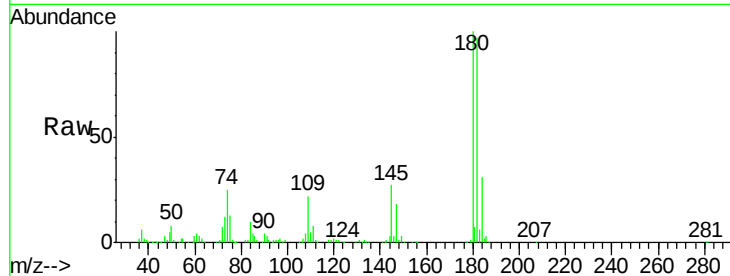




#93
 1,2,4-Trichlorobenzene
 Concen: 18.88 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

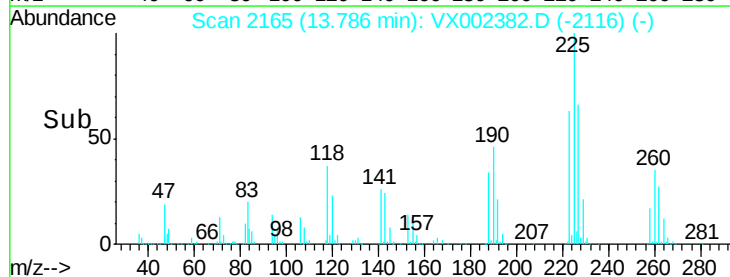
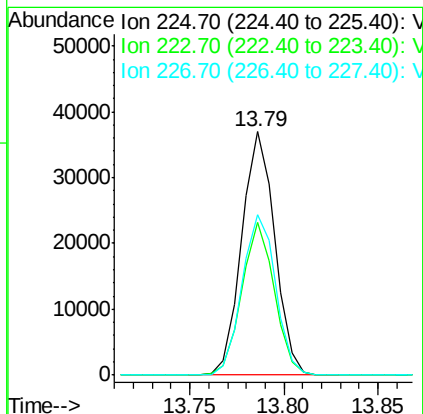
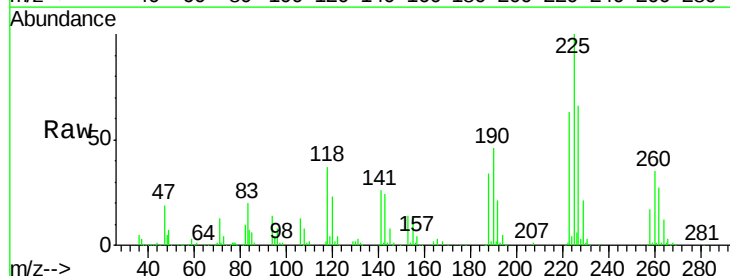
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tot Ion:180 Resp: 86595
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.7 143.1
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.84 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion:225 Resp: 44971
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.6 95.0
 227 66.9 32.4 97.2

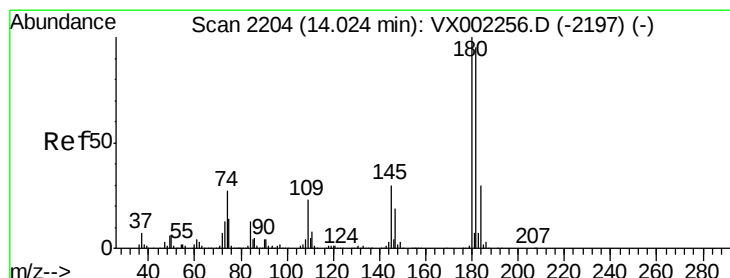
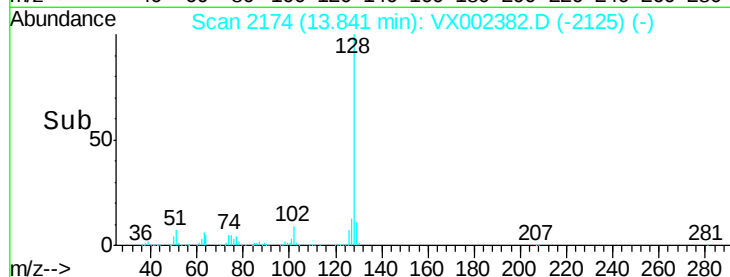
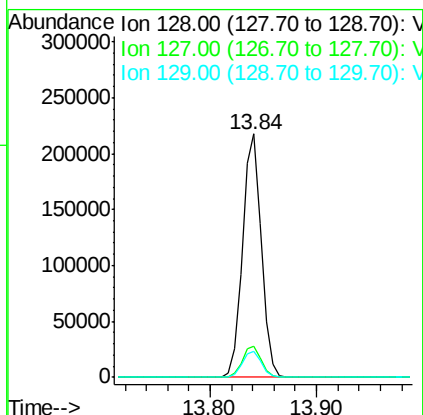
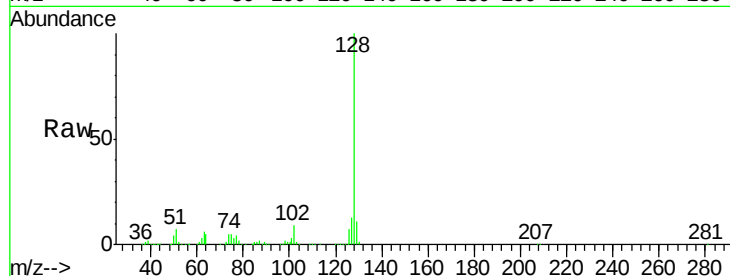




#95
Naphthalene
Concen: 20.37 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tot Ion:128 Resp: 268423
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.75 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion:180 Resp: 92355
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.0
145 29.6 14.8 44.3

