

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060818\
 Data File : VX002400.D
 Acq On : 08 Jun 2018 14:30
 Operator : JC/MD
 Sample : VX0608WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

Quant Time: Jun 09 01:48:22 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	229496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157663	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.51	113	118172	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
50) Toluene-d8	8.72	98	445463	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	11.14	95	167247	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46469	19.48	ug/l	99
3) Chloromethane	1.32	50	52000	17.14	ug/l	100
4) Vinyl Chloride	1.40	62	57215	19.03	ug/l	96
5) Bromomethane	1.64	94	36325	19.30	ug/l	98
6) Chloroethane	1.73	64	39635	20.38	ug/l	99
7) Trichlorofluoromethane	1.93	101	98066	21.41	ug/l	96
8) Diethyl Ether	2.19	74	38657	22.42	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57012	23.06	ug/l	98
10) Methyl Iodide	2.51	142	53449	15.37	ug/l	99
11) Tert butyl alcohol	3.07	59	80324	108.20	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48143	19.71	ug/l	98
13) Acrolein	2.29	56	34064	98.63	ug/l	94
14) Allyl chloride	2.73	41	99723	18.81	ug/l	99
15) Acrylonitrile	3.15	53	163668	111.83	ug/l	100
16) Acetone	2.45	43	169769	109.51	ug/l	99
17) Carbon Disulfide	2.57	76	109785	17.05	ug/l	98
18) Methyl Acetate	2.78	43	79026	22.55	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	202923	22.54	ug/l	100
20) Methylene Chloride	2.86	84	59194	21.22	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	53553	19.88	ug/l	97
22) Diisopropyl ether	3.87	45	190369	20.62	ug/l	97
23) Vinyl Acetate	3.82	43	897526	104.42	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104289	19.90	ug/l	99
25) 2-Butanone	4.71	43	215262	95.66	ug/l	99
26) 2,2-Dichloropropane	4.59	77	69276	16.91	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	54340	18.55	ug/l	97
28) Bromochloromethane	5.02	49	47679	19.20	ug/l	98
29) Tetrahydrofuran	5.17	42	137051	94.47	ug/l	98
30) Chloroform	5.22	83	95708	18.93	ug/l	98
31) Cyclohexane	5.58	56	79637	19.22	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	80185	18.70	ug/l	98
36) 1,1-Dichloropropene	5.81	75	66019	19.30	ug/l	98
37) Ethyl Acetate	4.87	43	83307	20.25	ug/l	99
38) Carbon Tetrachloride	5.79	117	68082	19.02	ug/l	99

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 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	84561	20.17	ug/l	96
40) Benzene	6.15	78	203732	19.42	ug/l	98
41) Methacrylonitrile	5.06	41	47154	20.02	ug/l	99
42) 1,2-Dichloroethane	6.20	62	84653	20.31	ug/l	100
43) Isopropyl Acetate	6.47	43	138098	19.76	ug/l	100
44) Trichloroethene	7.21	130	58227	20.00	ug/l	94
45) 1,2-Dichloropropane	7.52	63	56304	19.88	ug/l	100
46) Dibromomethane	7.67	93	38694	20.16	ug/l	98
47) Bromodichloromethane	7.90	83	66699	19.21	ug/l	99
48) Methyl methacrylate	7.78	41	70280	20.02	ug/l	98
49) 1,4-Dioxane	7.76	88	28223	430.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	446807	102.67	ug/l	100
52) Toluene	8.79	92	132928	19.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	79894	19.19	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	73927	18.82	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	57576	20.98	ug/l	99
56) Ethyl methacrylate	9.18	69	88096	20.11	ug/l	98
57) 1,3-Dichloropropane	9.38	76	94612	20.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	219411	108.22	ug/l	99
59) 2-Hexanone	9.50	43	341871	101.71	ug/l	100
60) Dibromochloromethane	9.59	129	52792	19.13	ug/l	99
61) 1,2-Dibromoethane	9.68	107	59010	20.63	ug/l	100
64) Tetrachloroethene	9.34	164	64297	19.86	ug/l	95
65) Chlorobenzene	10.14	112	154460	19.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54756	19.36	ug/l	100
67) Ethyl Benzene	10.26	91	262376	20.07	ug/l	99
68) m/p-Xylenes	10.36	106	200989	39.56	ug/l	100
69) o-Xylene	10.70	106	99475	19.67	ug/l	100
70) Styrene	10.71	104	165304	20.00	ug/l	99
71) Bromoform	10.86	173	39223	17.87	ug/l #	100
73) Isopropylbenzene	11.02	105	273485	20.29	ug/l	99
74) N-amyl acetate	6.47	43	138098	19.02	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	85230	20.11	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	93858	22.08	ug/l	81
77) Bromobenzene	11.26	156	74123	19.59	ug/l	98
78) n-propylbenzene	11.37	91	308697	20.61	ug/l	100
79) 2-Chlorotoluene	11.43	91	184740	19.53	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230659	19.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19927	16.43	ug/l	87
82) 4-Chlorotoluene	11.51	91	212011	19.42	ug/l	99
83) tert-Butylbenzene	11.77	119	230134	20.44	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	236837	19.90	ug/l	99
85) sec-Butylbenzene	11.95	105	280118	21.23	ug/l	100
86) p-Isopropyltoluene	12.07	119	251119	20.89	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	133768	19.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	135181	19.39	ug/l	99
89) n-Butylbenzene	12.39	91	215047	21.33	ug/l	100
90) Hexachloroethane	12.60	117	33483	17.45	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	137670	19.67	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17783	19.19	ug/l	98

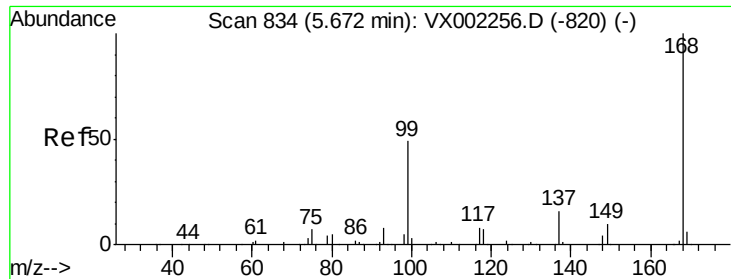
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98475	20.06	ug/l	100
94) Hexachlorobutadiene	13.79	225	53534	22.07	ug/l	99
95) Naphthalene	13.84	128	288555	20.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103831	20.74	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

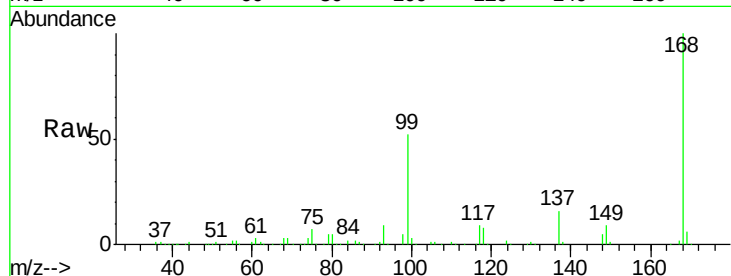
VX0608WBSD02

Tot Ion:168 Resp: 229496

Ion Ratio Lower Upper

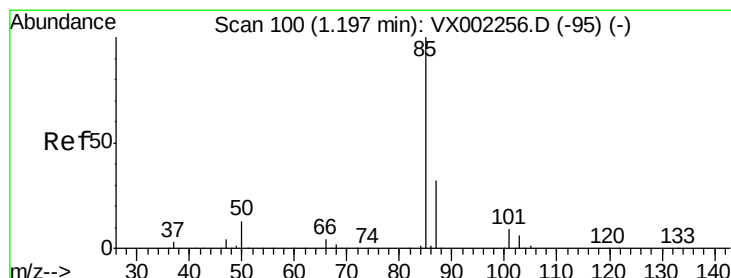
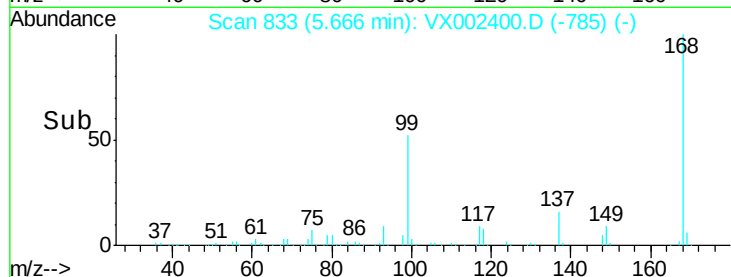
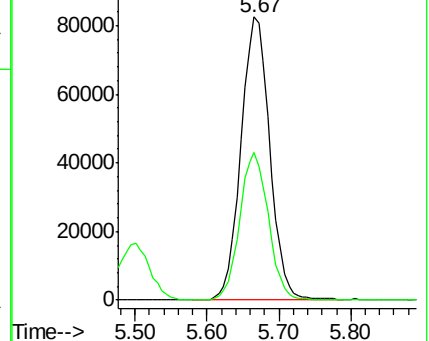
168 100

99 51.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.48 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002400.D

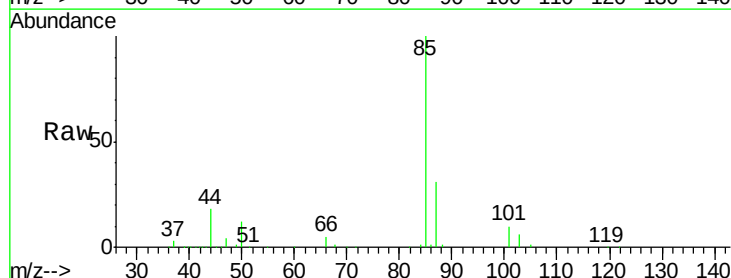
Acq: 08 Jun 2018 14:30

Tgt Ion: 85 Resp: 46469

Ion Ratio Lower Upper

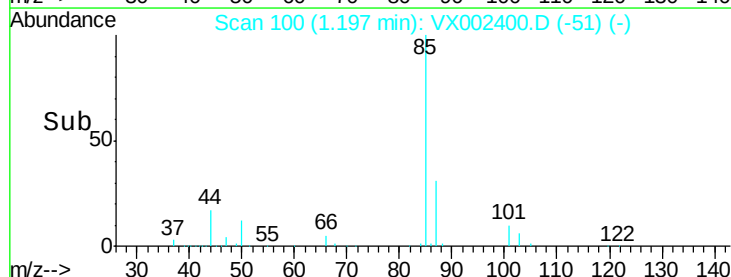
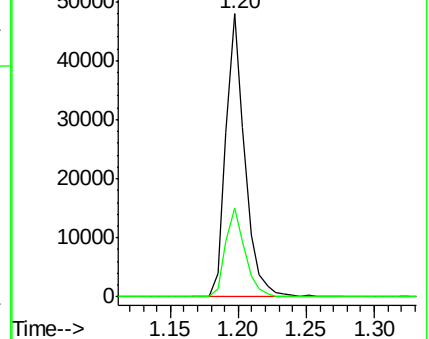
85 100

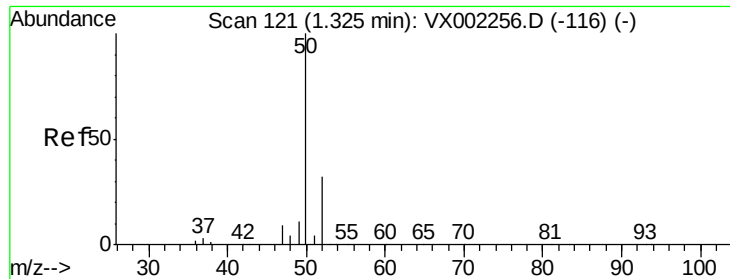
87 31.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.14 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

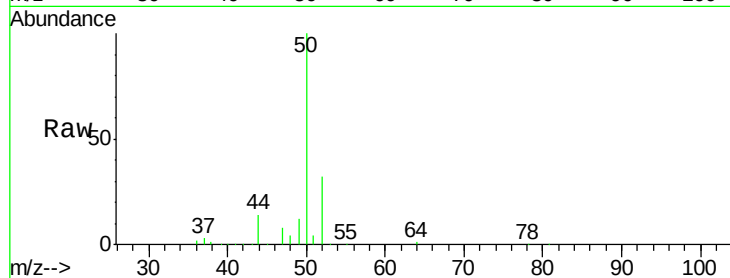
VX0608WBSD02

Tot Ion: 50 Resp: 52000

Ion Ratio Lower Upper

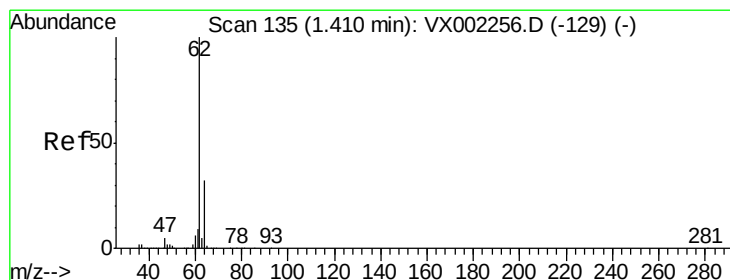
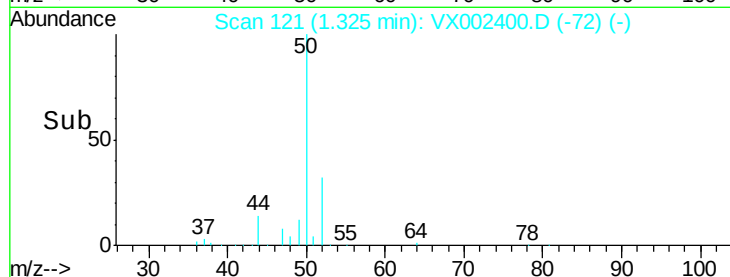
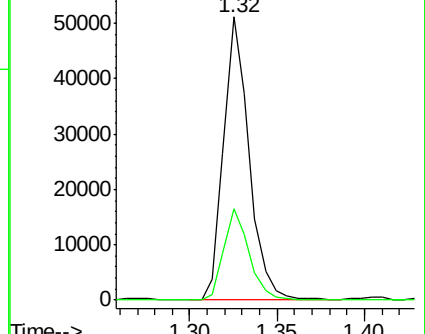
50 100

52 32.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.03 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002400.D

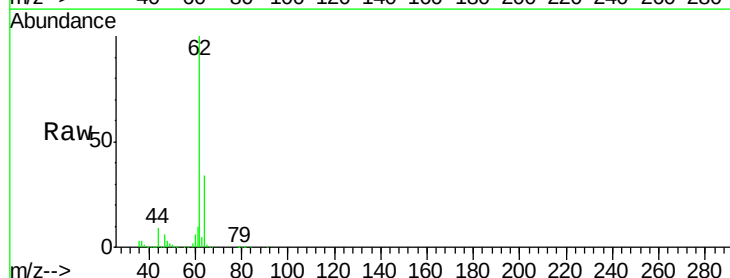
Acq: 08 Jun 2018 14:30

Tgt Ion: 62 Resp: 57215

Ion Ratio Lower Upper

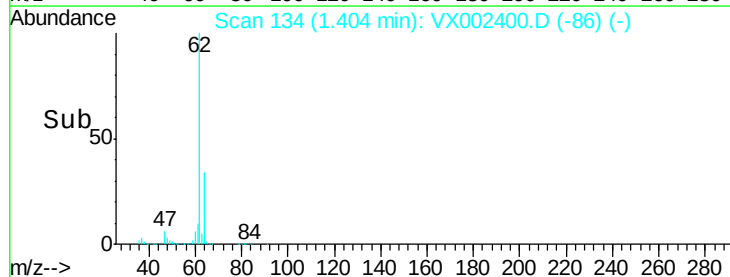
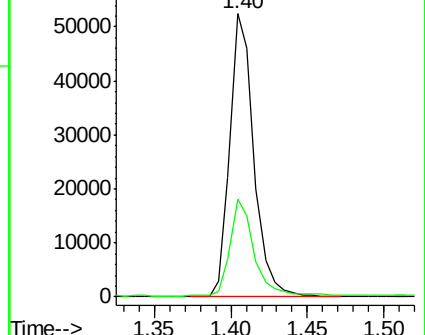
62 100

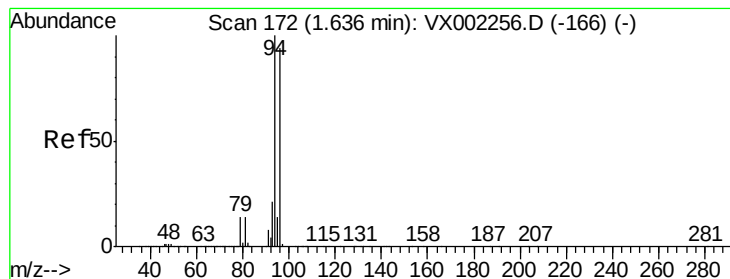
64 34.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.30 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

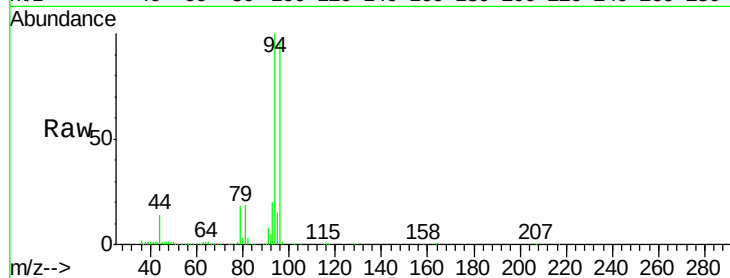
VX0608WBSD02

Tot Ion: 94 Resp: 36325

Ion Ratio Lower Upper

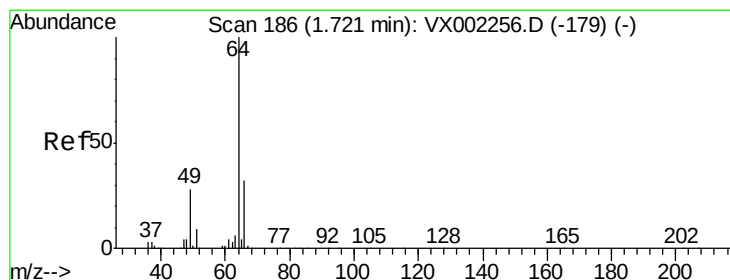
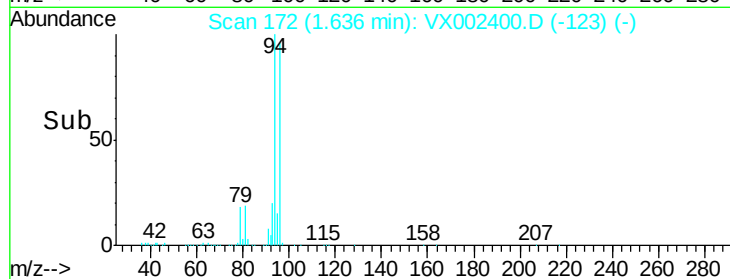
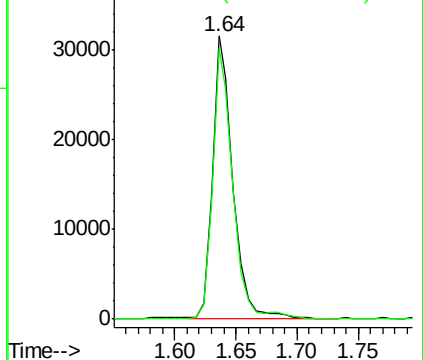
94 100

96 95.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.38 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002400.D

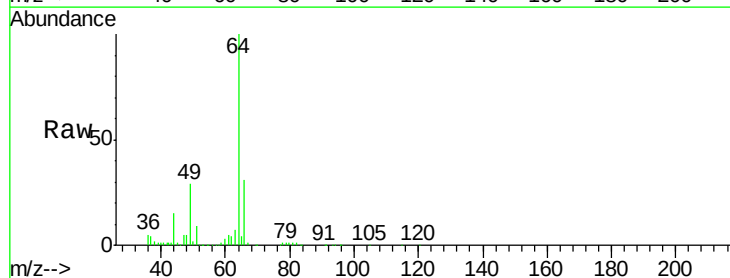
Acq: 08 Jun 2018 14:30

Tgt Ion: 64 Resp: 39635

Ion Ratio Lower Upper

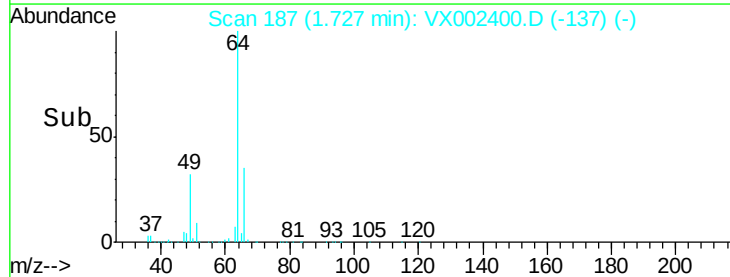
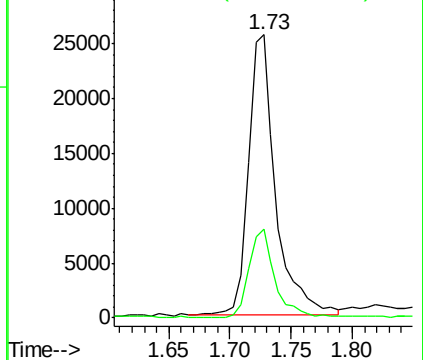
64 100

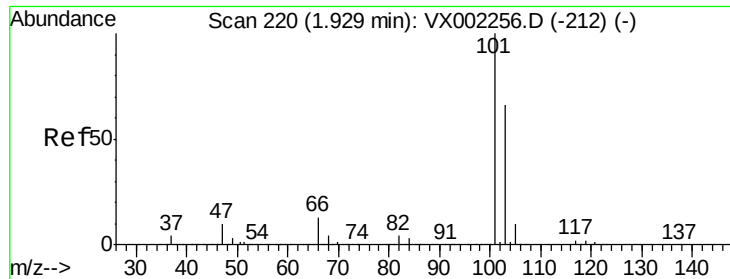
66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



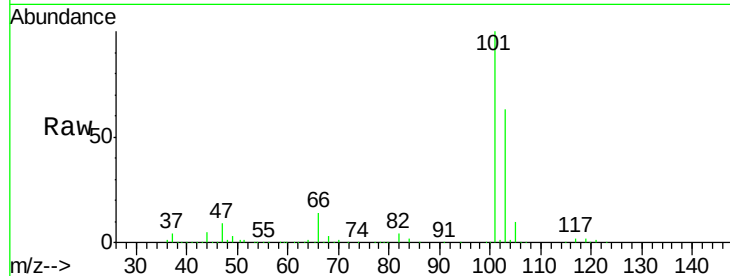


#7

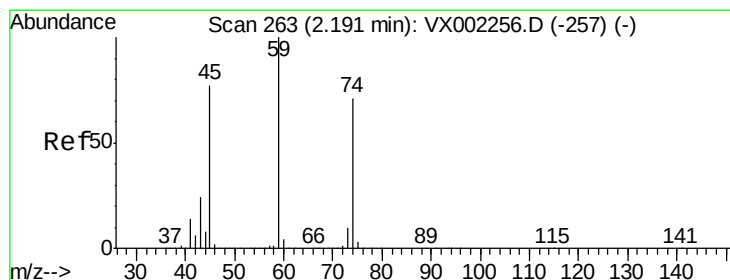
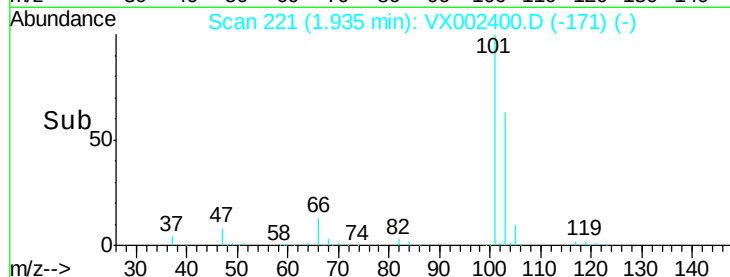
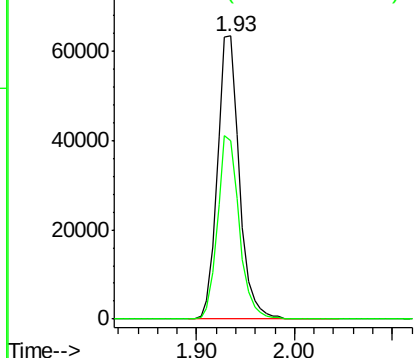
Trichlorofluoromethane
 Concen: 21.41 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

Tot Ion:101 Resp: 98066
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.8 79.2



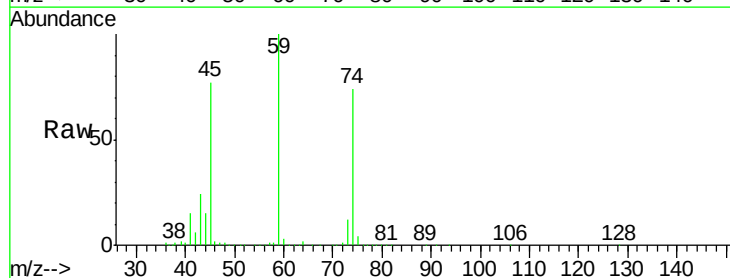
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



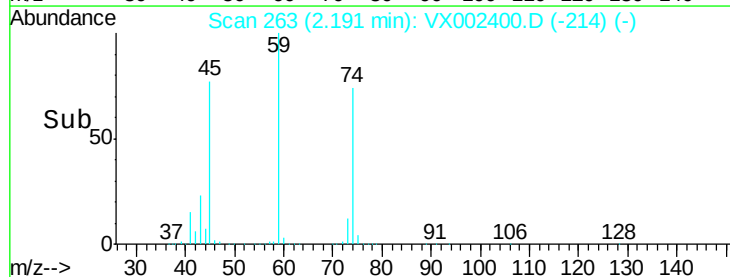
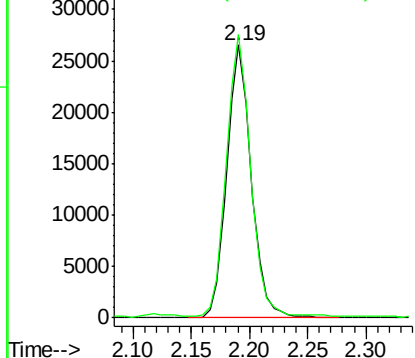
#8

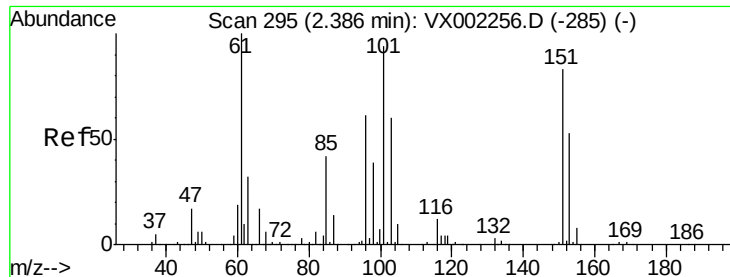
Diethyl Ether
 Concen: 22.42 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion: 74 Resp: 38657
 Ion Ratio Lower Upper
 74 100
 45 102.1 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: 23.06 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

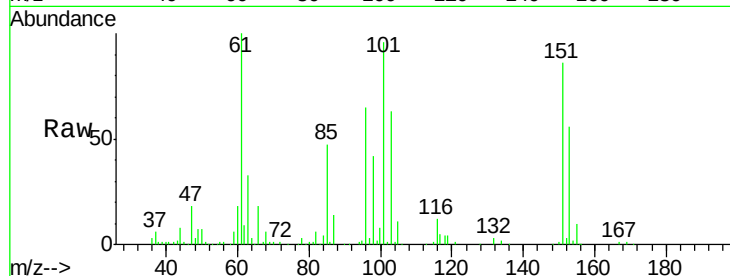
Tot Ion:101 Resp: 57012

Ion Ratio Lower Upper

101 100

85 47.2 36.0 54.0

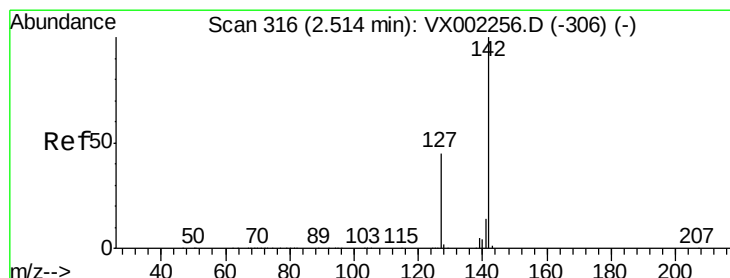
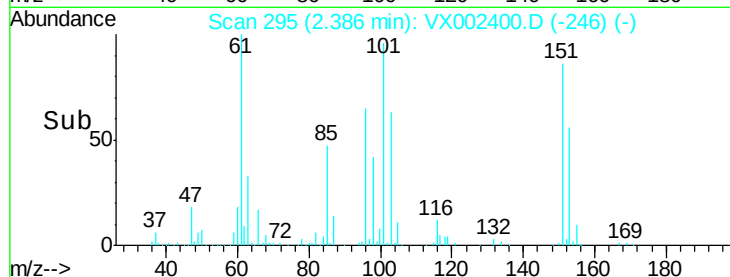
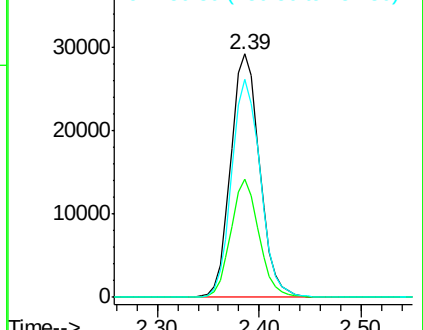
151 89.3 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.37 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

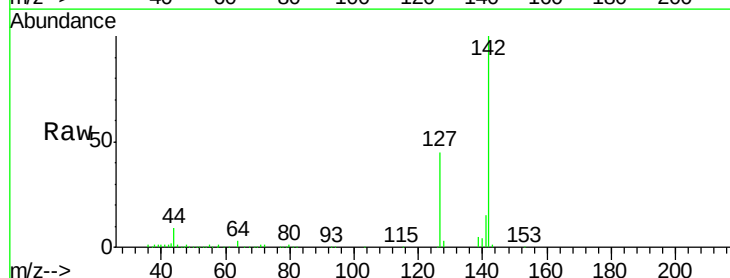
Tgt Ion:142 Resp: 53449

Ion Ratio Lower Upper

142 100

127 46.1 36.6 55.0

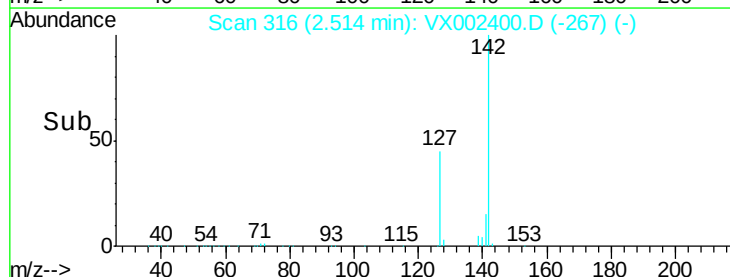
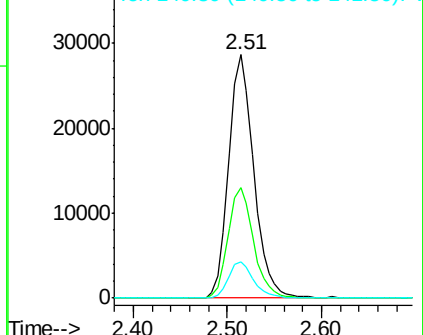
141 14.9 11.3 16.9

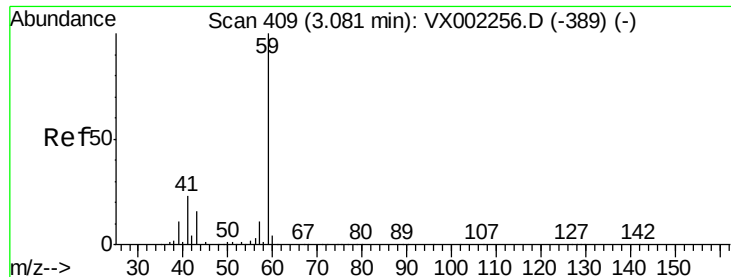


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



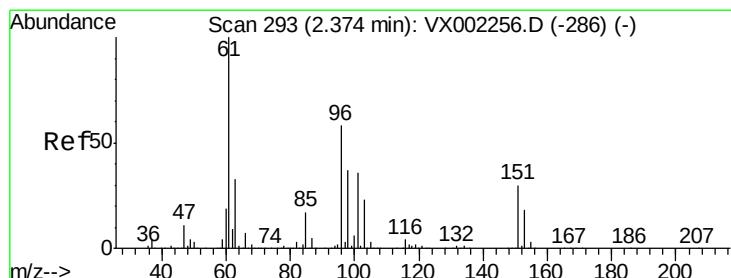
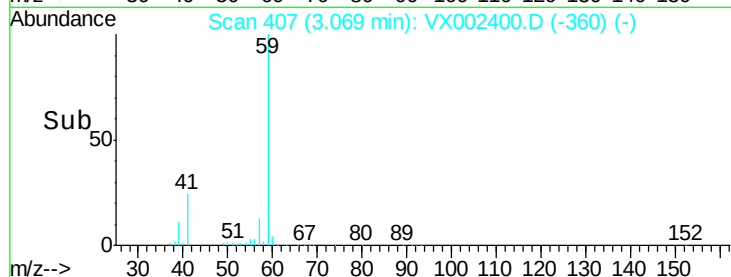
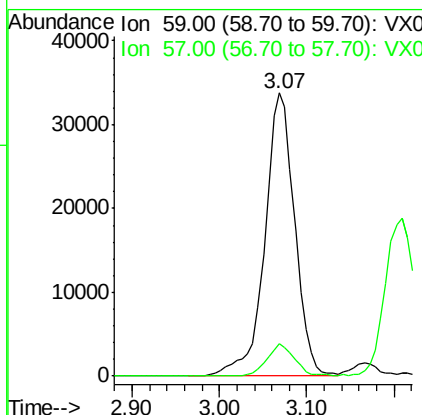
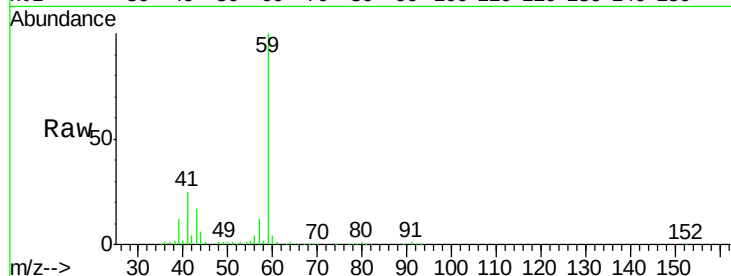


#11

Tert butyl alcohol
 Concen: 108.20 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

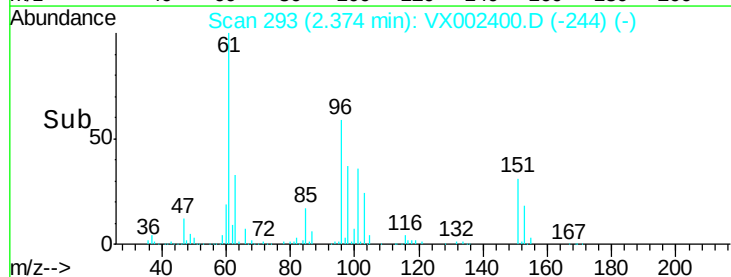
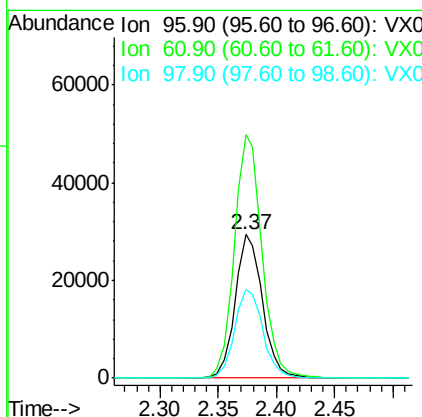
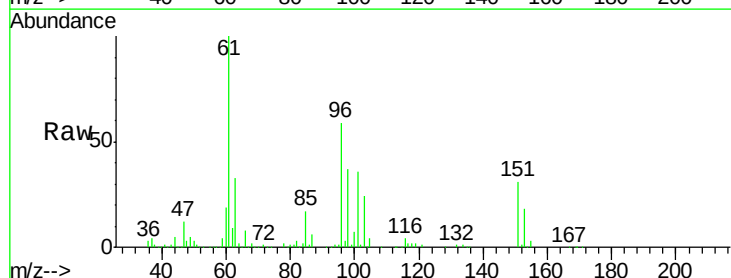
Tot Ion: 59 Resp: 80324
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

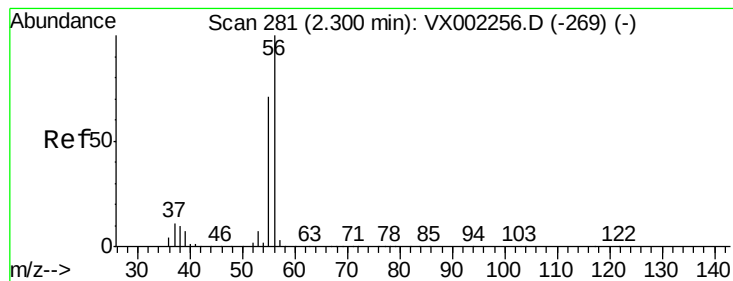


#12

1,1-Dichloroethene
 Concen: 19.71 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion: 96 Resp: 48143
 Ion Ratio Lower Upper
 96 100
 61 169.9 137.9 206.9
 98 62.4 51.6 77.4





#13

Acrolein

Concen: 98.63 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

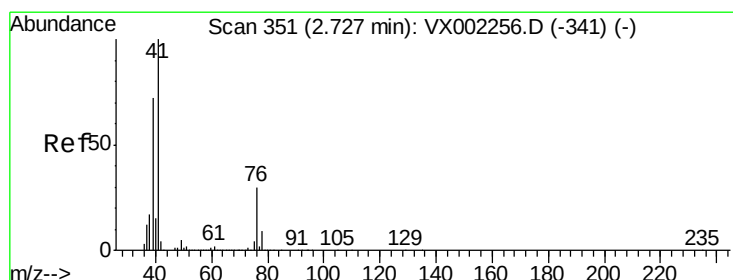
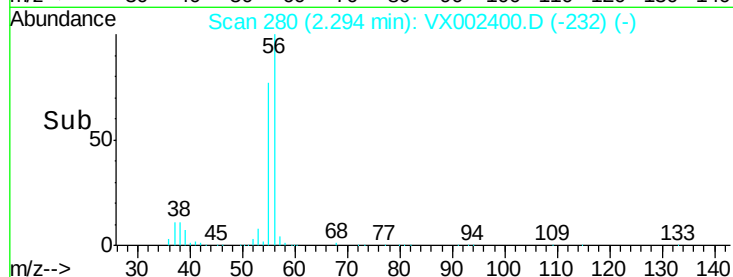
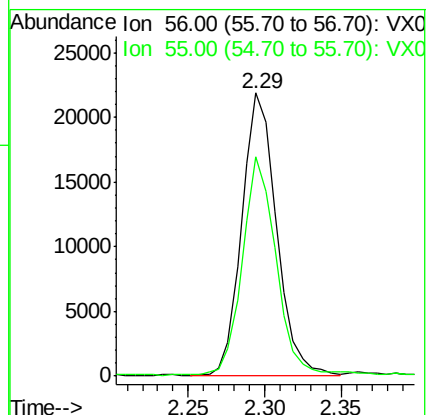
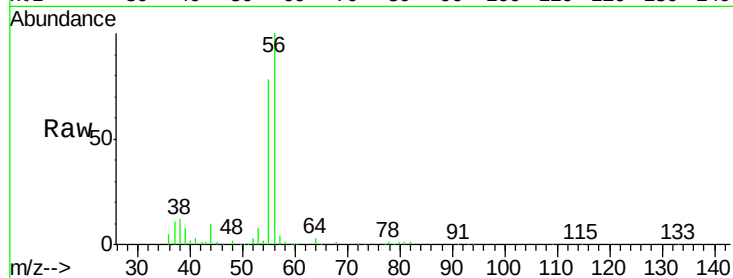
VX0608WBSD02

Tot Ion: 56 Resp: 34064

Ion Ratio Lower Upper

56 100

55 76.0 57.0 85.4



#14

Allyl chloride

Concen: 18.81 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

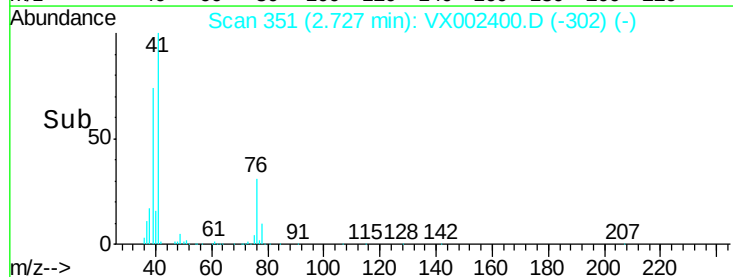
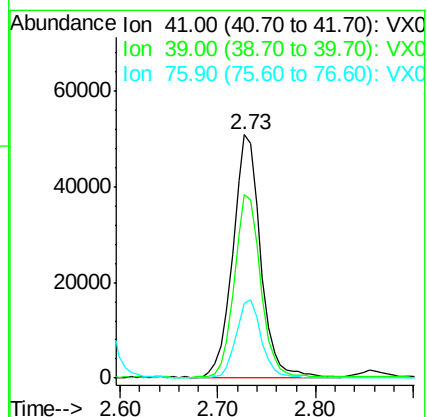
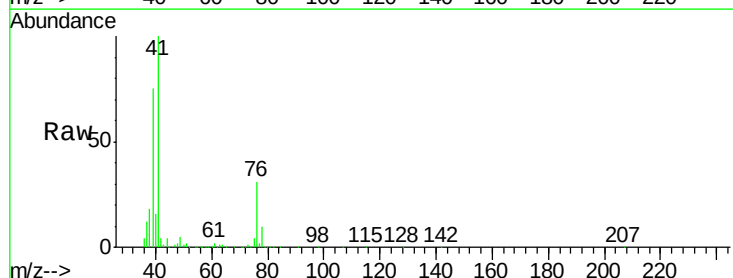
Tgt Ion: 41 Resp: 99723

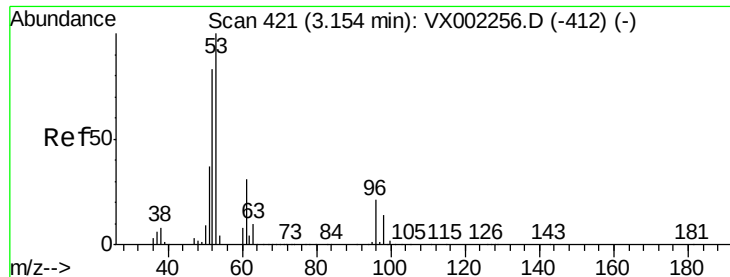
Ion Ratio Lower Upper

41 100

39 71.7 56.8 85.2

76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 111.83 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

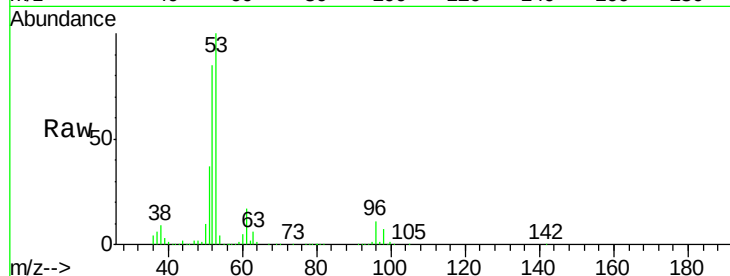
Tot Ion: 53 Resp: 163668

Ion Ratio Lower Upper

53 100

52 83.3 66.7 100.1

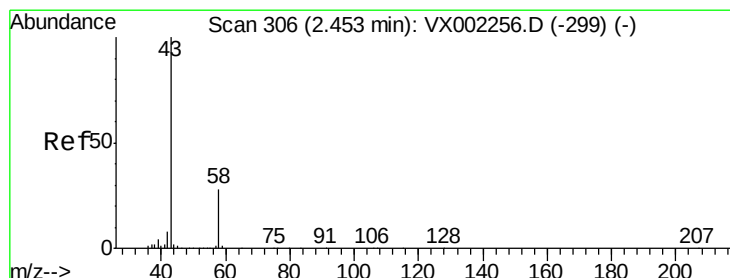
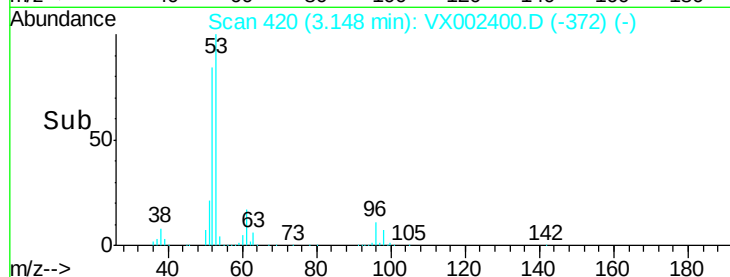
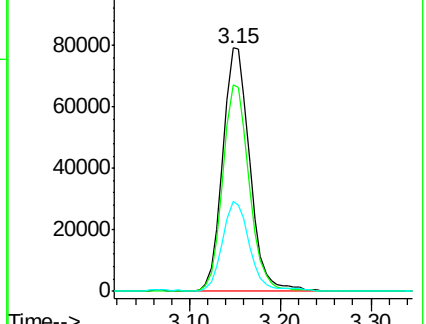
51 37.4 29.9 44.9



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: 109.51 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002400.D

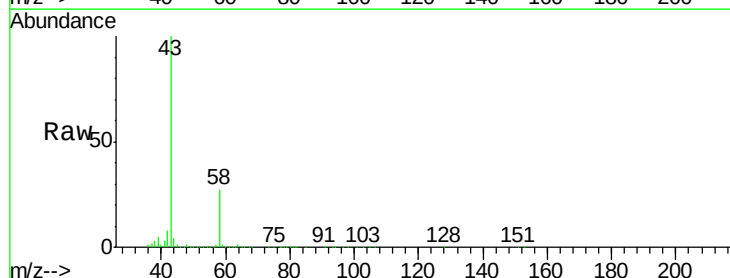
Acq: 08 Jun 2018 14:30

Tgt Ion: 43 Resp: 169769

Ion Ratio Lower Upper

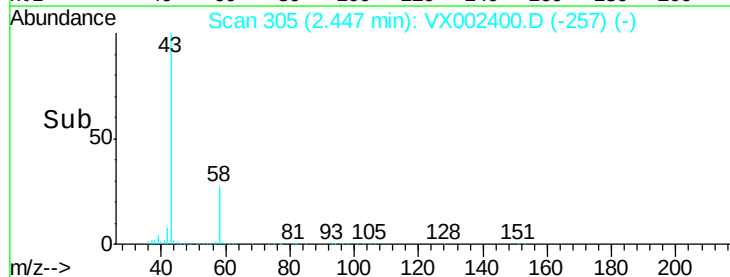
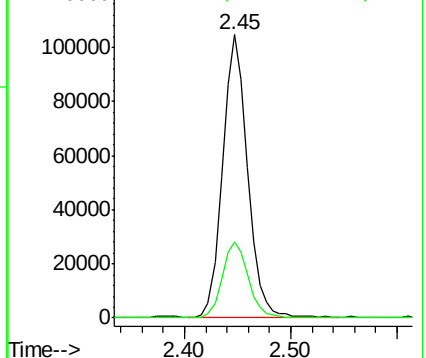
43 100

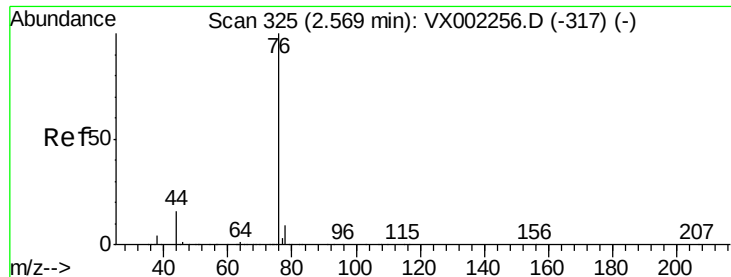
58 26.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.05 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampled :

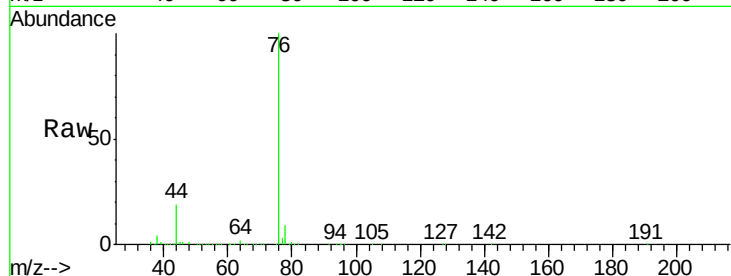
VX0608WBSD02

Tot Ion: 76 Resp: 109785

Ion Ratio Lower Upper

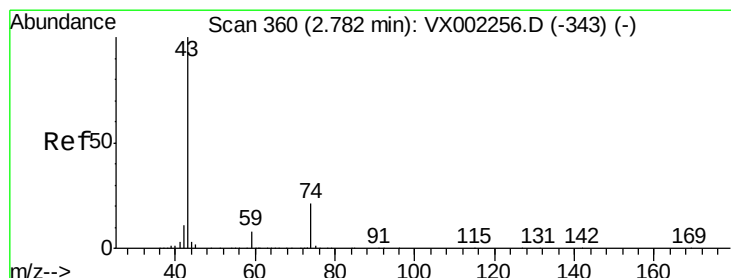
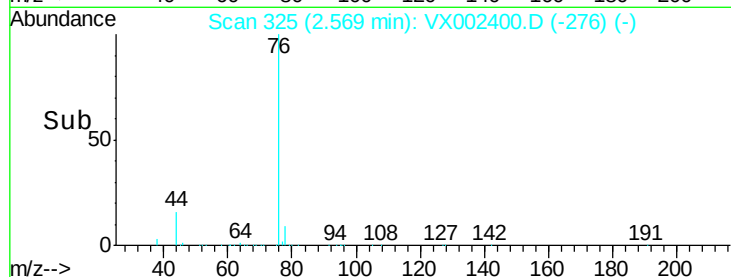
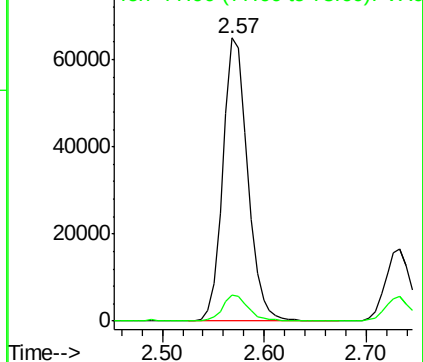
76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.55 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002400.D

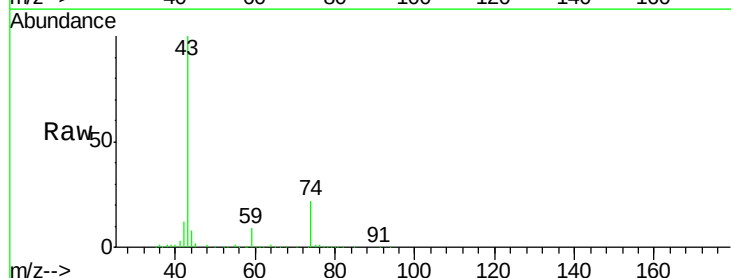
Acq: 08 Jun 2018 14:30

Tgt Ion: 43 Resp: 79026

Ion Ratio Lower Upper

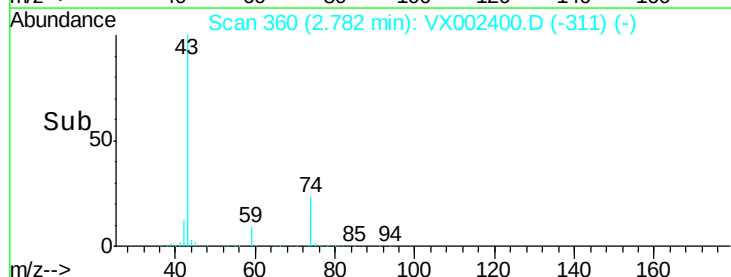
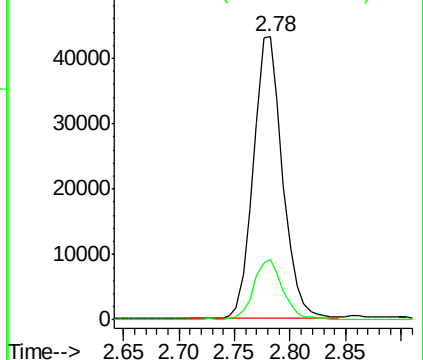
43 100

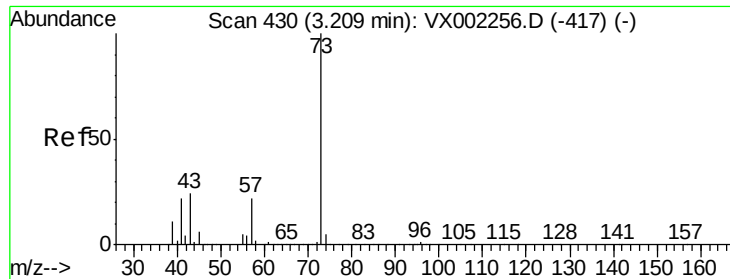
74 22.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

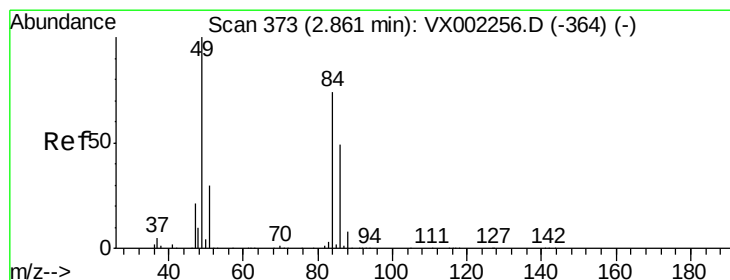
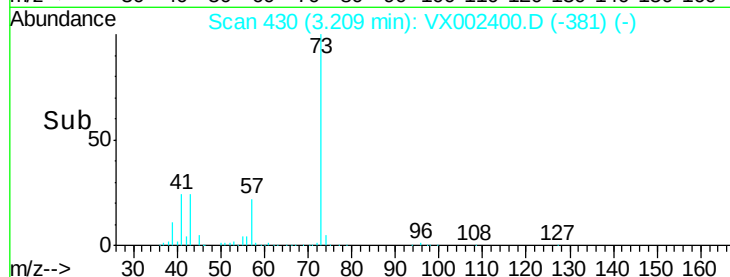
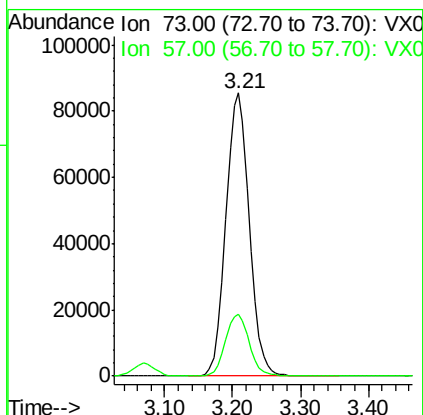
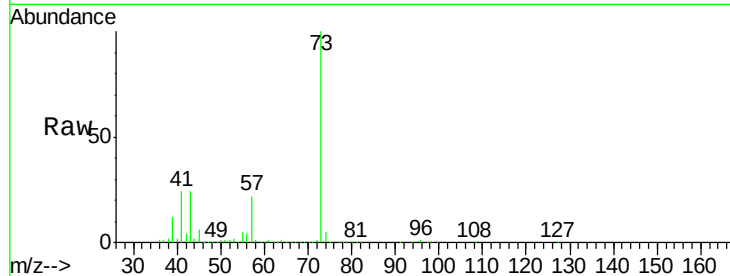




#19
Methyl tert-butyl Ether
Concen: 22.54 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

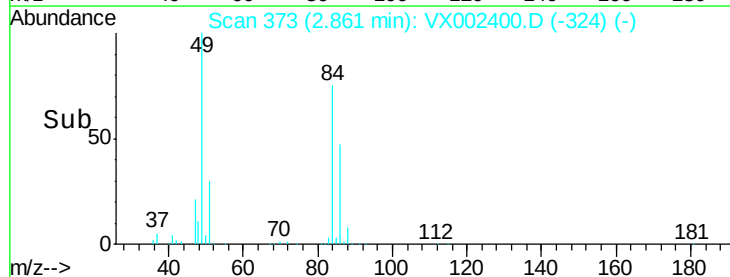
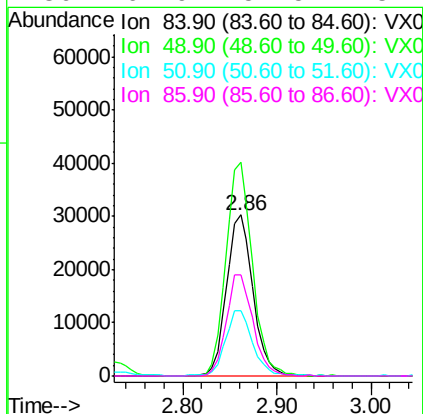
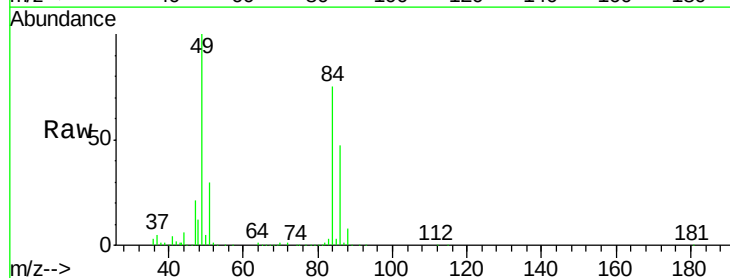
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

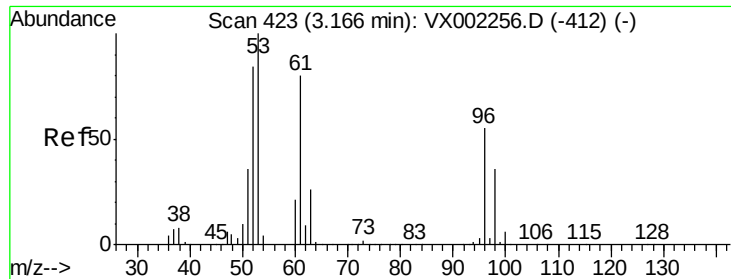
Tot Ion: 73 Resp: 202923
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 21.22 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 84 Resp: 59194
Ion Ratio Lower Upper
84 100
49 132.3 107.8 161.6
51 40.0 32.8 49.2
86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.88 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

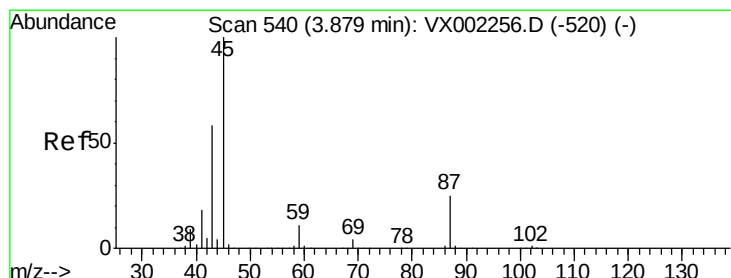
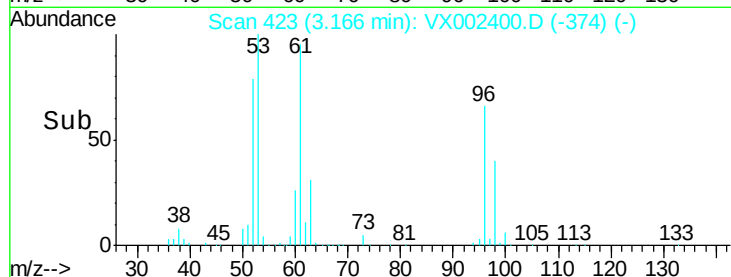
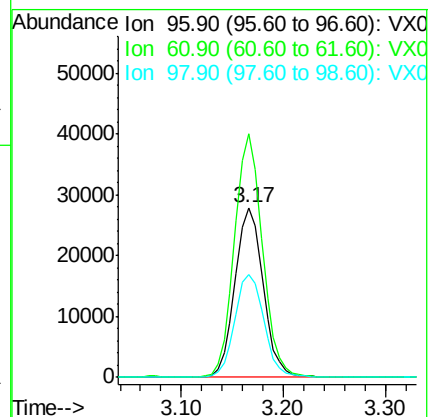
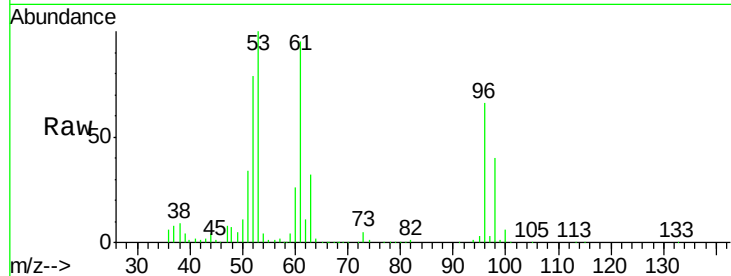
Tot Ion: 96 Resp: 53553

Ion Ratio Lower Upper

96 100

61 143.2 117.0 175.4

98 60.8 52.4 78.6



#22

Diisopropyl ether

Concen: 20.62 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Tgt Ion: 45 Resp: 190369

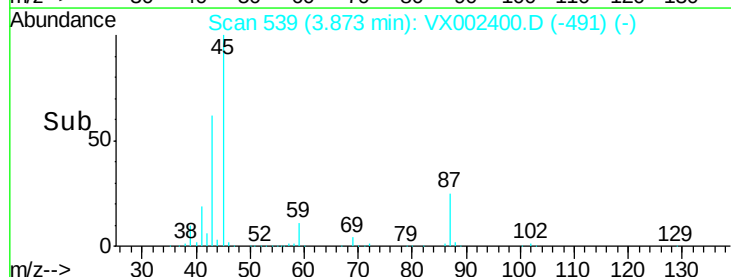
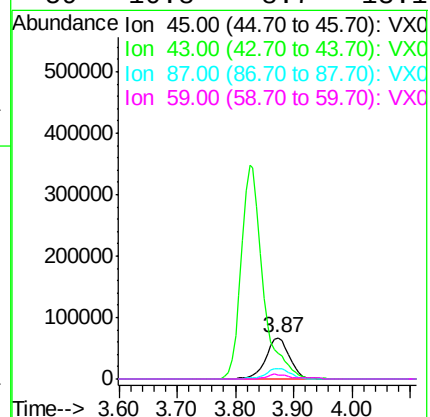
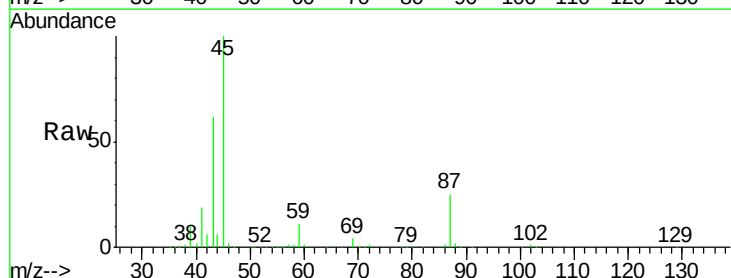
Ion Ratio Lower Upper

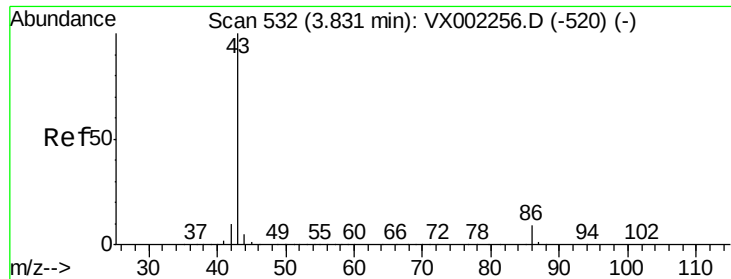
45 100

43 62.1 46.8 70.2

87 25.3 20.2 30.4

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 104.42 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

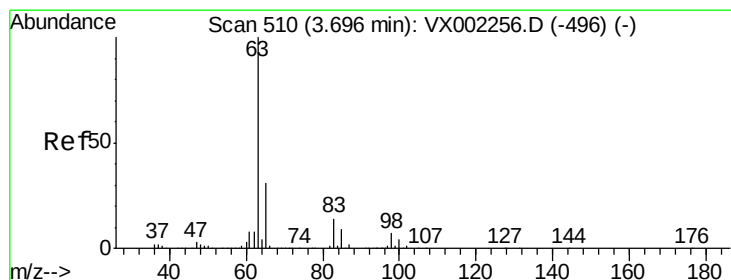
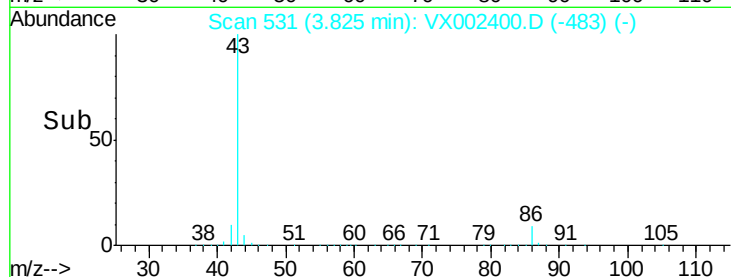
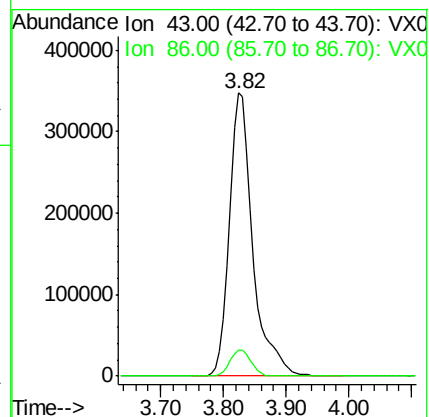
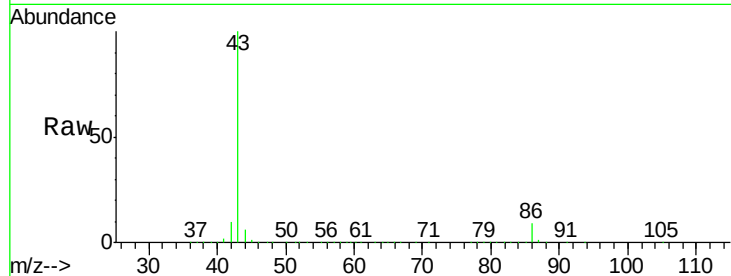
VX0608WBSD02

Tot Ion: 43 Resp: 897526

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.0



#24

1,1-Dichloroethane

Concen: 19.90 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

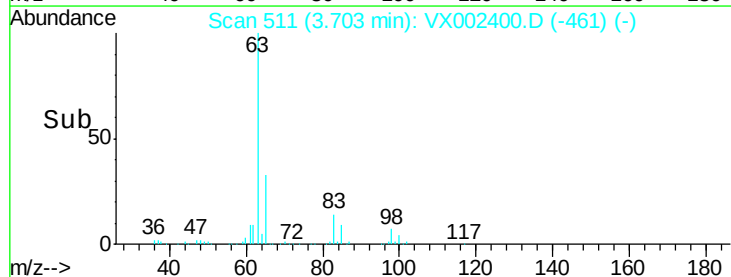
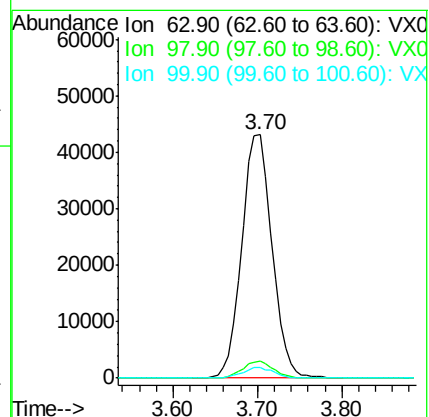
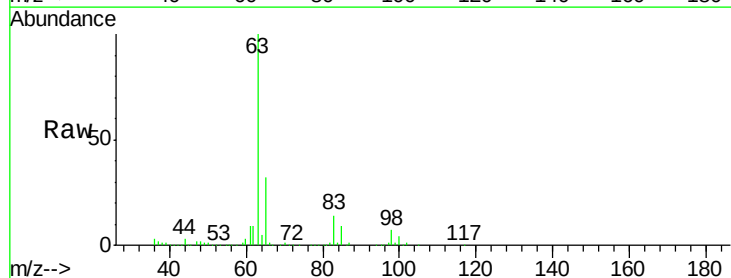
Tgt Ion: 63 Resp: 104289

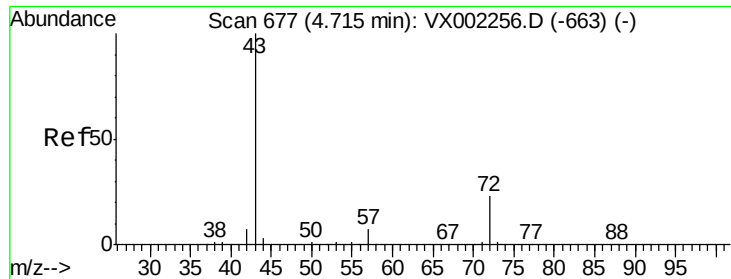
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 95.66 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

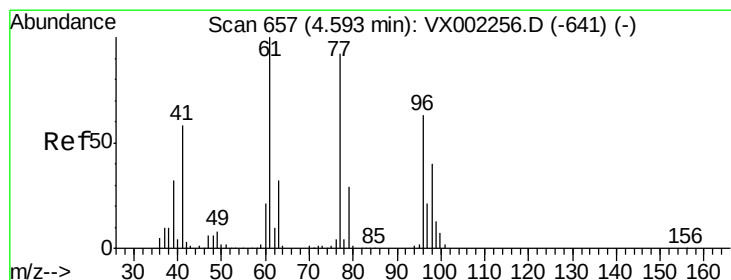
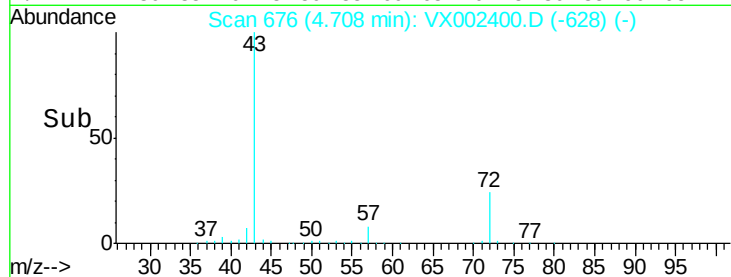
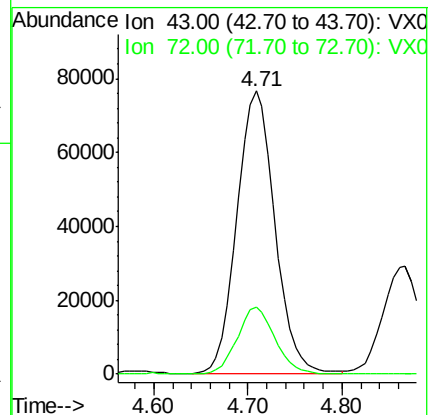
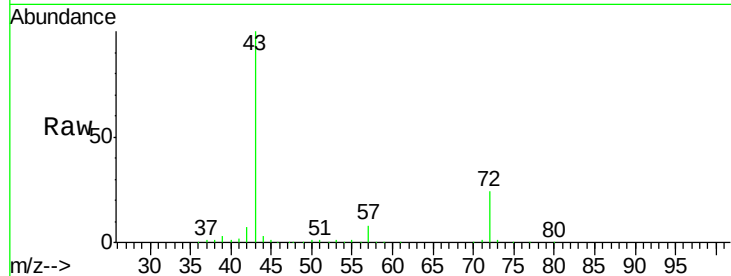
VX0608WBSD02

Tot Ion: 43 Resp: 215262

Ion Ratio Lower Upper

43 100

72 23.6 18.5 27.7



#26

2,2-Dichloropropane

Concen: 16.91 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002400.D

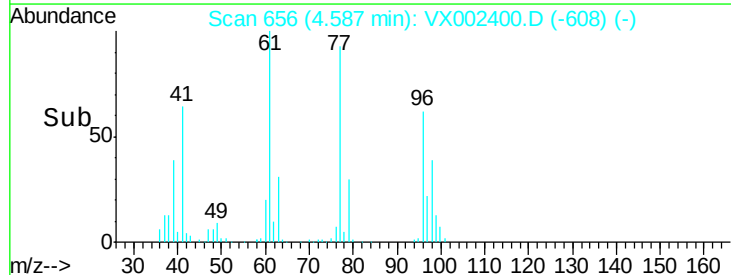
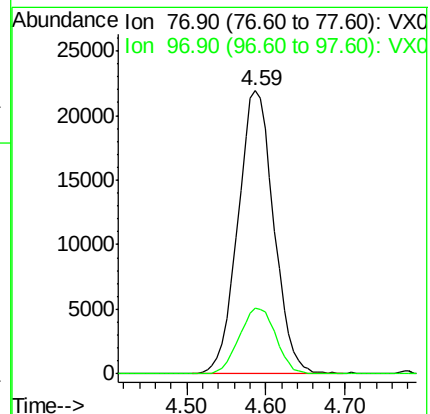
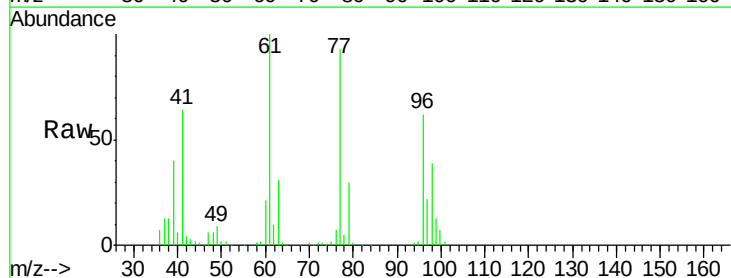
Acq: 08 Jun 2018 14:30

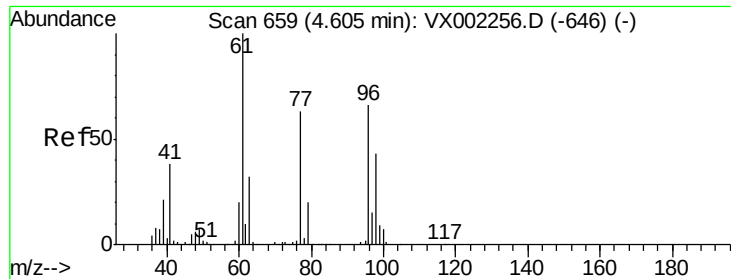
Tgt Ion: 77 Resp: 69276

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 18.55 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

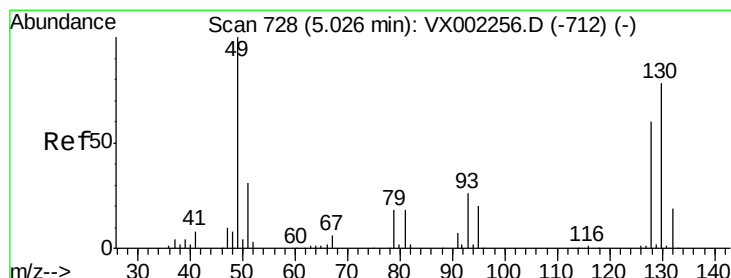
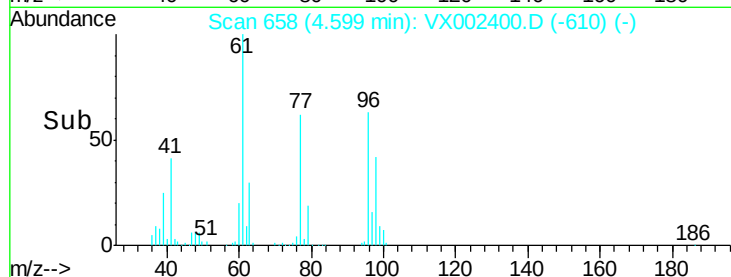
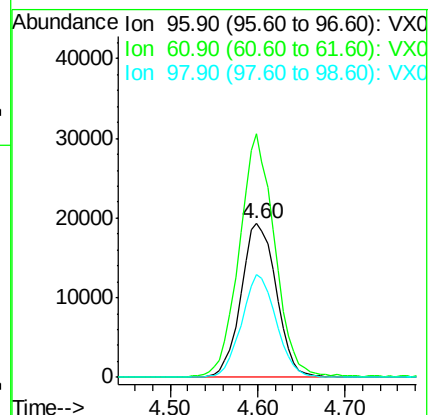
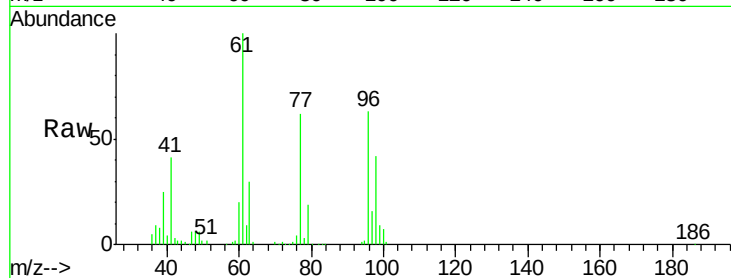
Tot Ion: 96 Resp: 54340

Ion Ratio Lower Upper

96 100

61 159.1 0.0 330.2

98 65.5 0.0 130.2



#28

Bromochloromethane

Concen: 19.20 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

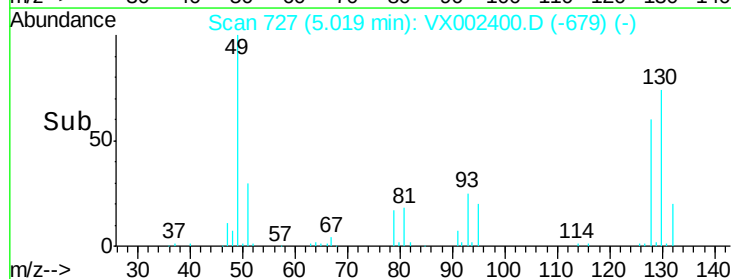
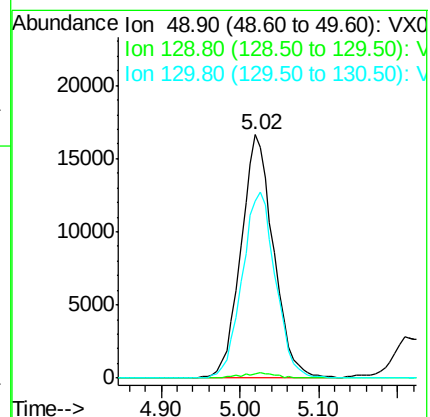
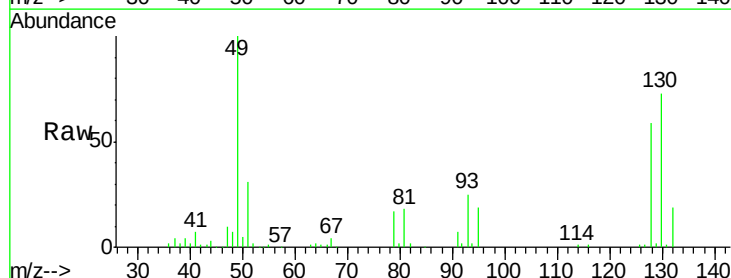
Tgt Ion: 49 Resp: 47679

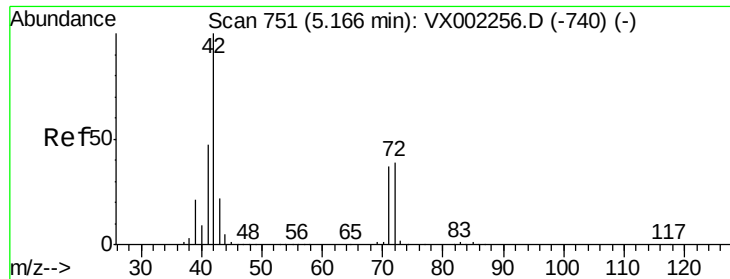
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 78.2 61.2 91.8

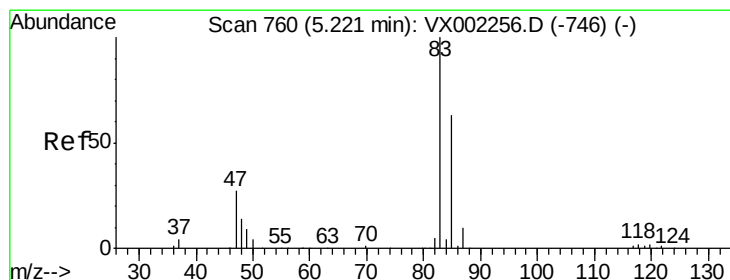
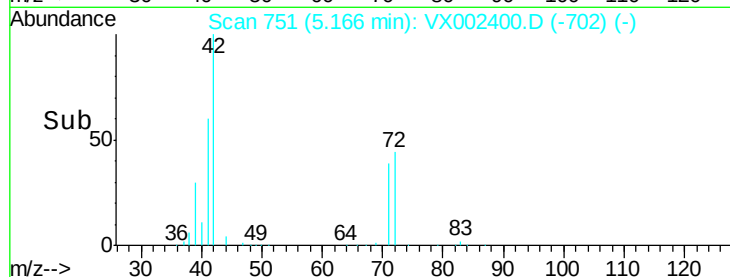
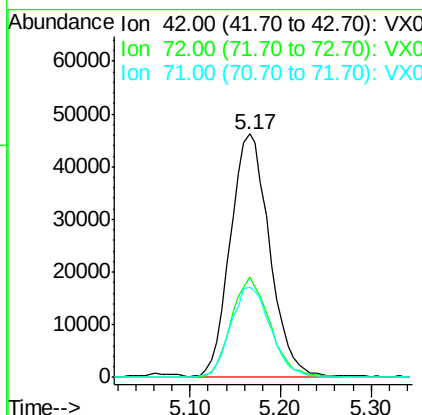
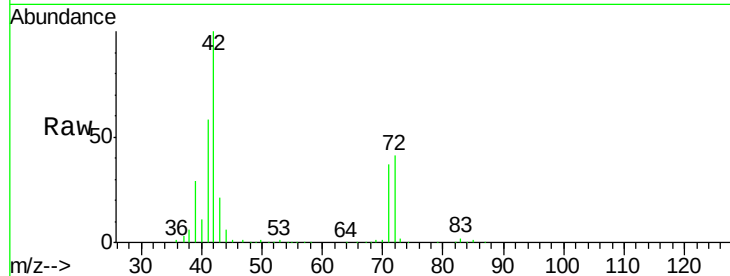




#29
Tetrahydrofuran
Concen: 94.47 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

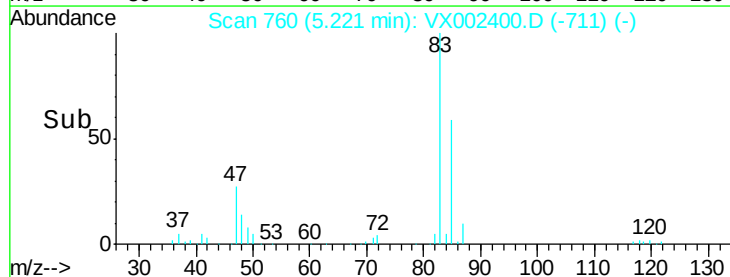
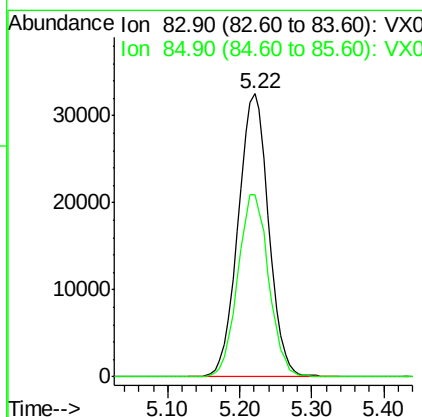
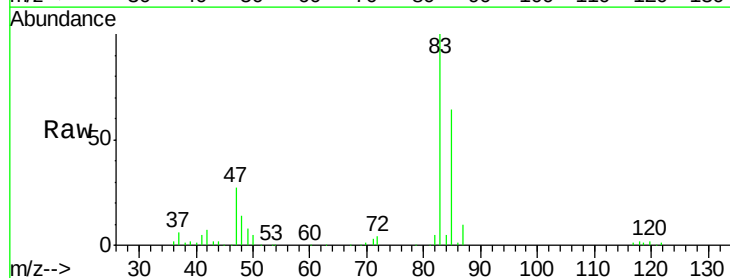
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

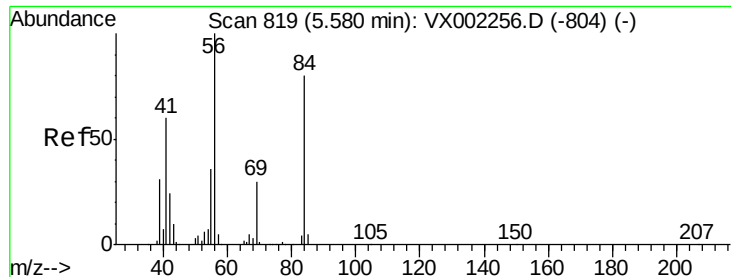
Tot Ion: 42 Resp: 137051
Ion Ratio Lower Upper
42 100
72 41.3 32.0 48.0
71 38.3 30.1 45.1



#30
Chloroform
Concen: 18.93 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 83 Resp: 95708
Ion Ratio Lower Upper
83 100
85 64.2 50.4 75.6

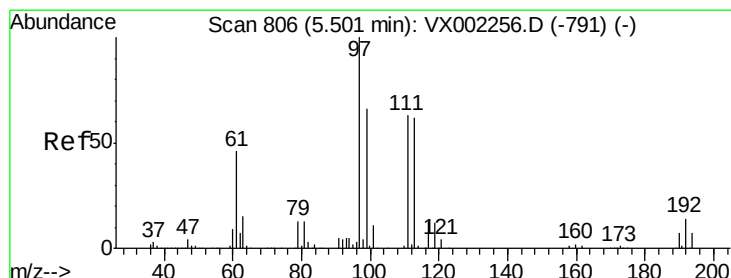
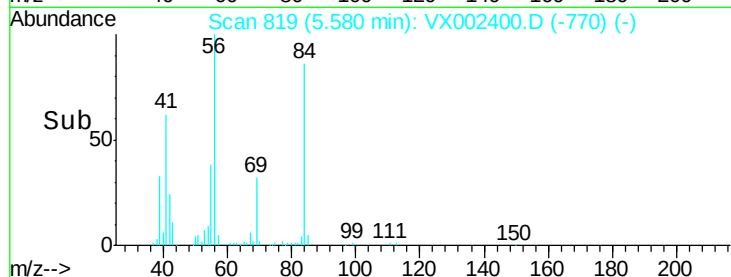
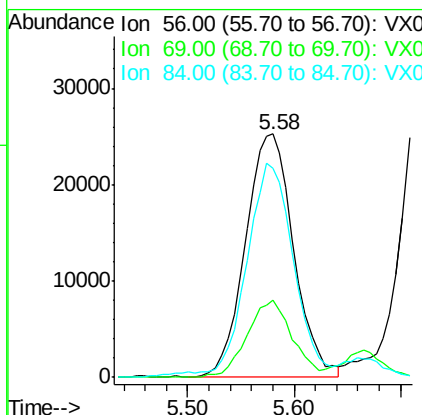
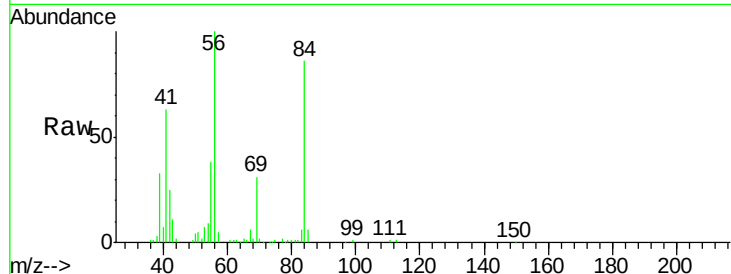




#31
Cyclohexane
Concen: 19.22 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

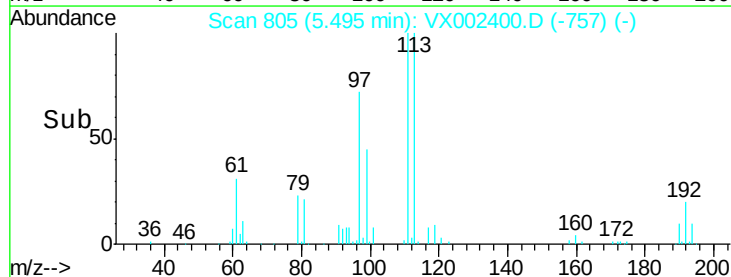
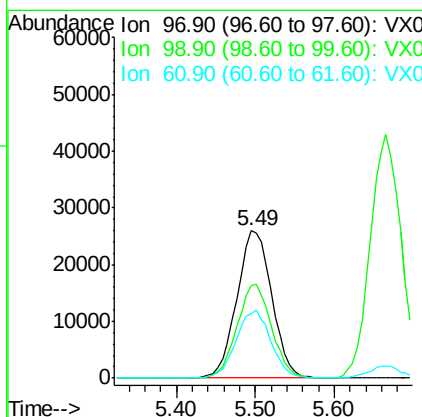
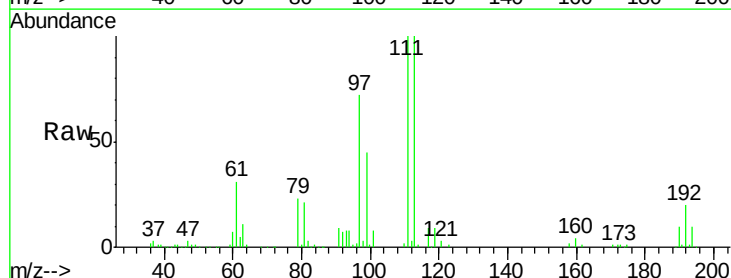
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

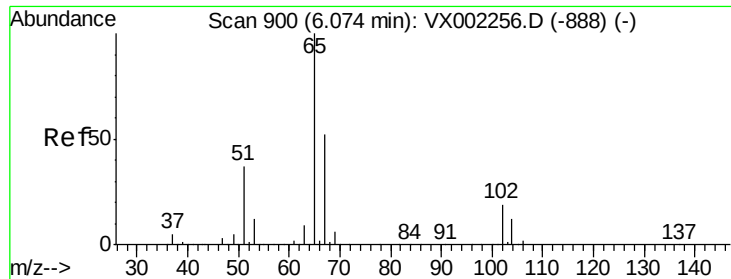
Tot Ion: 56 Resp: 79637
Ion Ratio Lower Upper
56 100
69 31.6 23.7 35.5
84 84.1 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 18.70 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 97 Resp: 80185
Ion Ratio Lower Upper
97 100
99 62.6 51.6 77.4
61 46.1 36.4 54.6

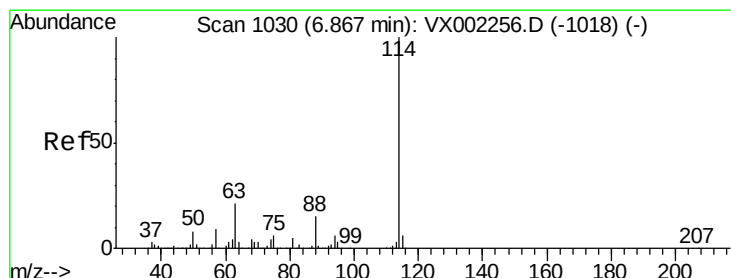
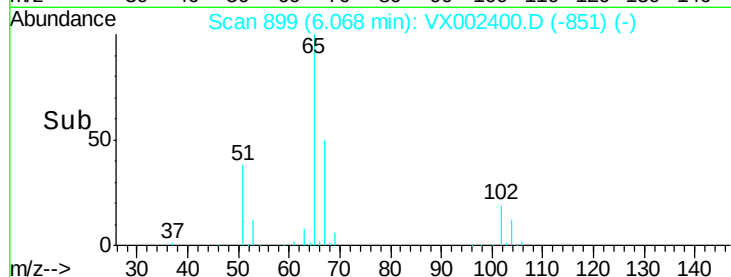
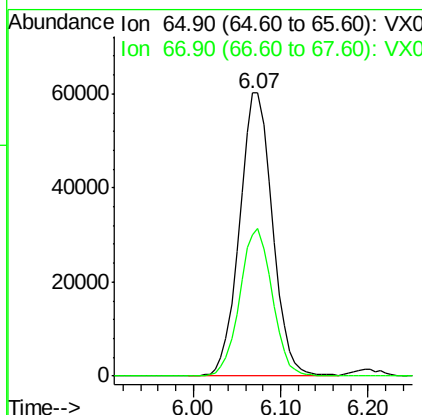
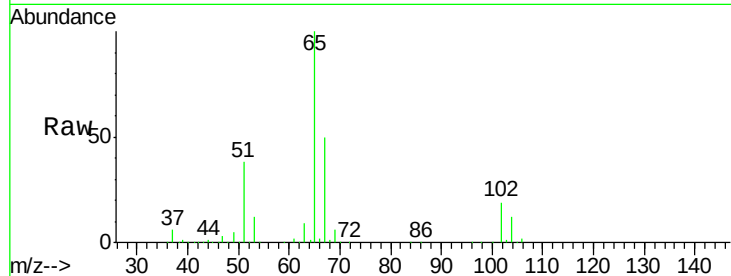




#33
 1,2-Dichloroethane-d4
 Concen: 47.90 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

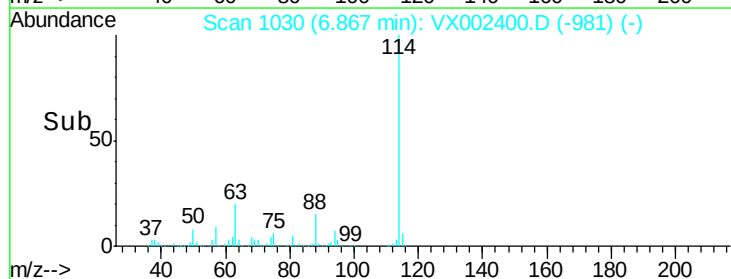
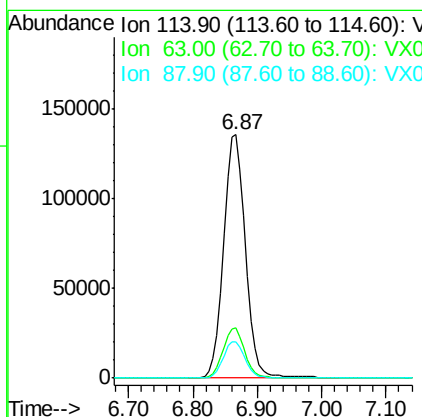
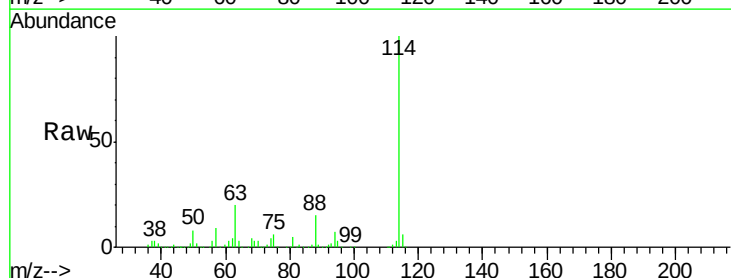
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

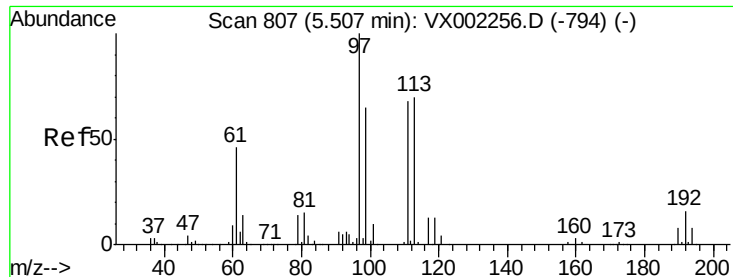
Tot Ion: 65 Resp: 157663
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion: 114 Resp: 325410
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.1 0.0 30.0

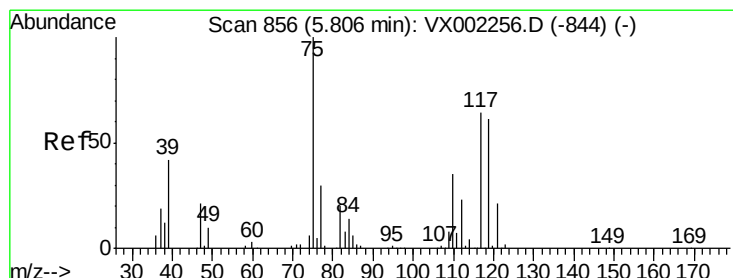
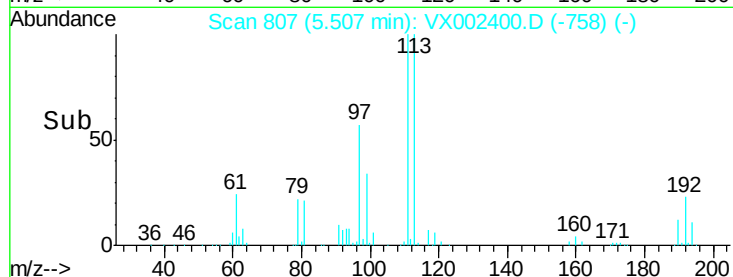
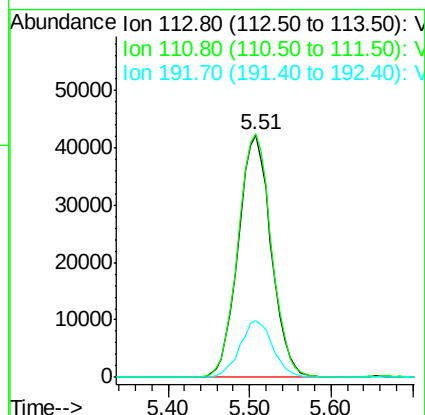
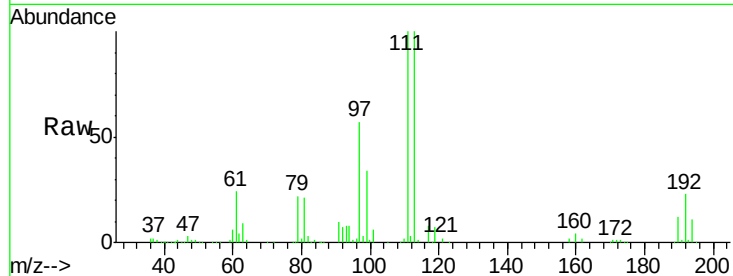




#35
Dibromofluoromethane
Concen: 46.18 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

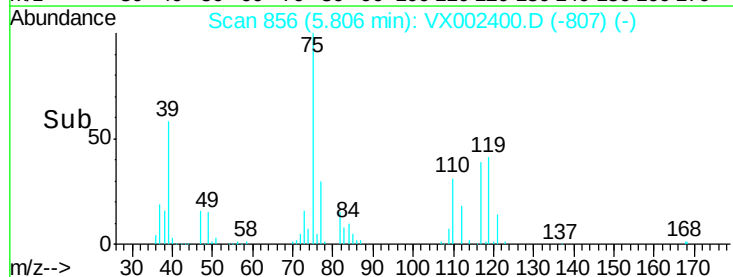
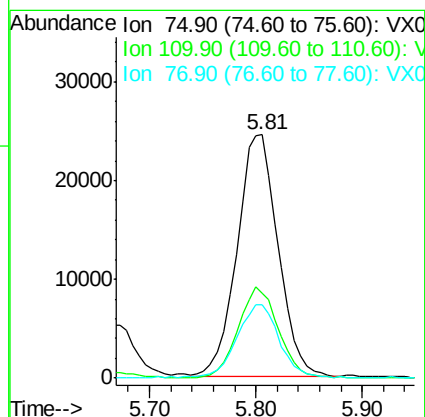
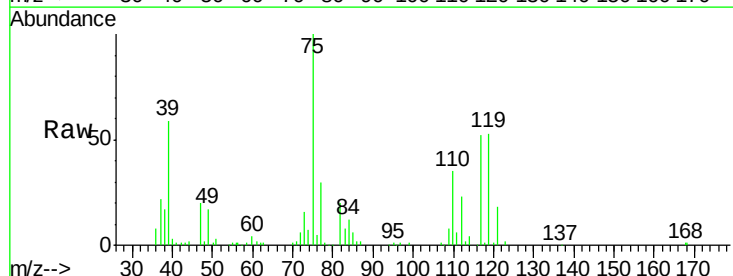
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

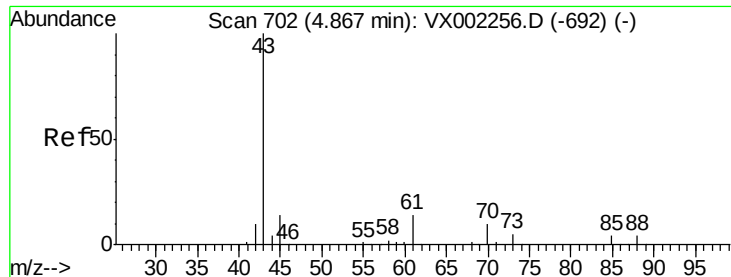
Tot Ion:113 Resp: 118172
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 23.2 19.1 28.7



#36
1,1-Dichloropropene
Concen: 19.30 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 75 Resp: 66019
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.4
77 31.6 24.3 36.5

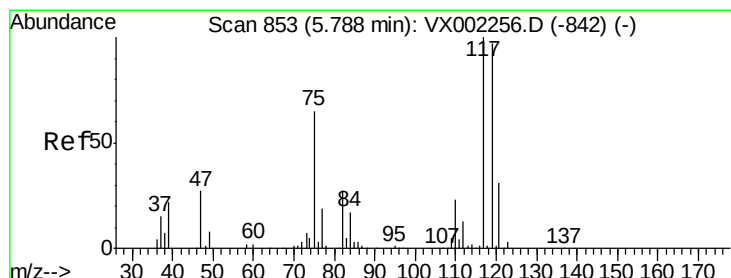
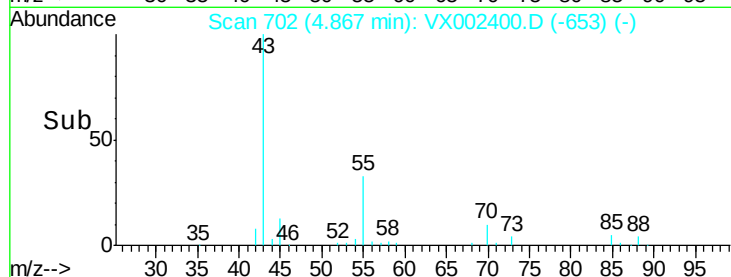
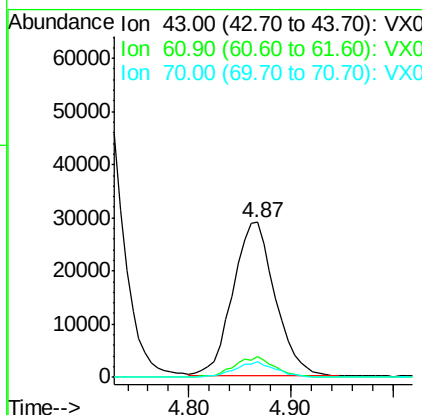
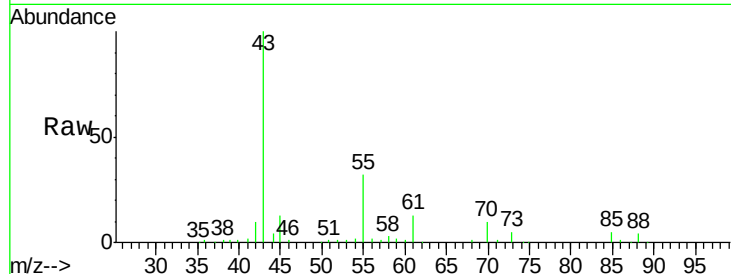




#37
Ethyl Acetate
Concen: 20.25 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

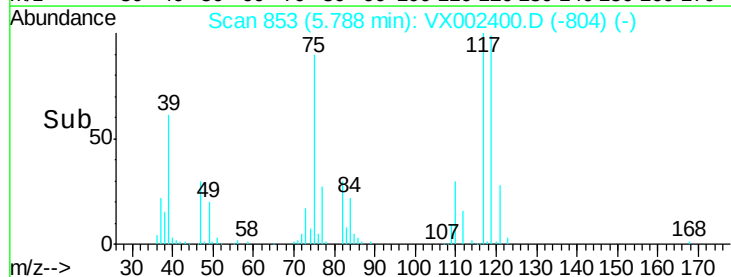
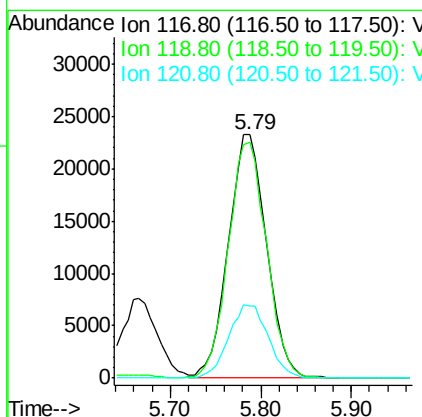
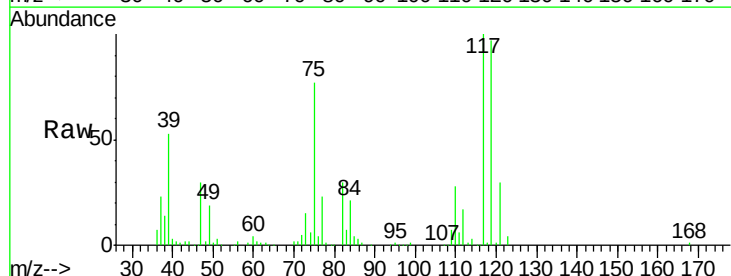
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

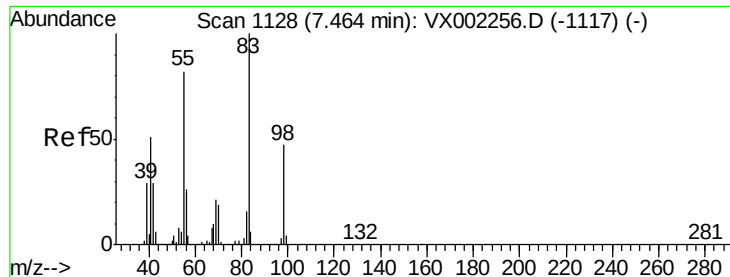
Tot Ion: 43 Resp: 83307
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.02 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 117 Resp: 68082
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
121 29.7 24.4 36.6

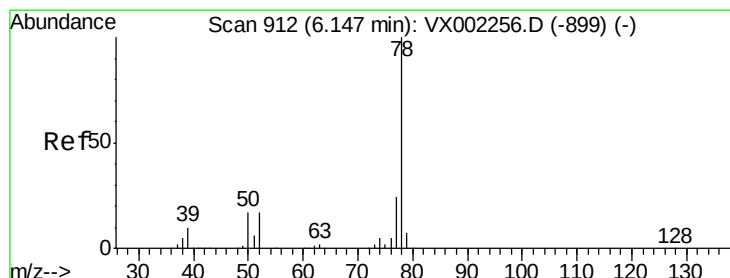
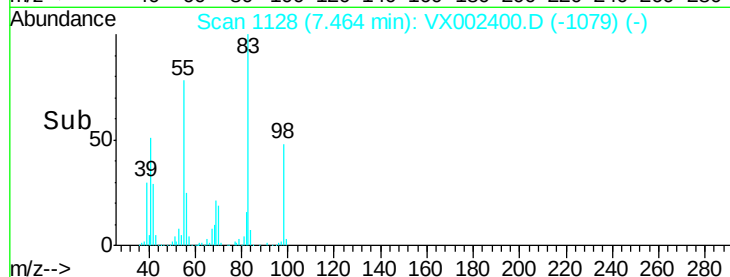
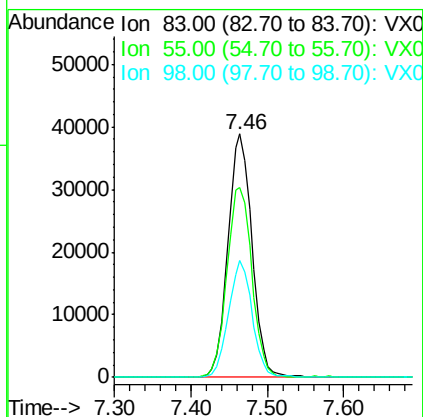
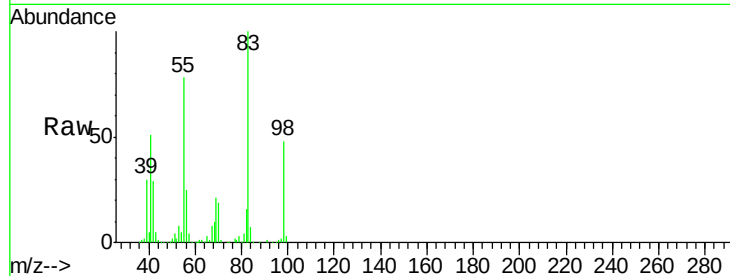




#39
Methylvlcyclohexane
Concen: 20.17 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

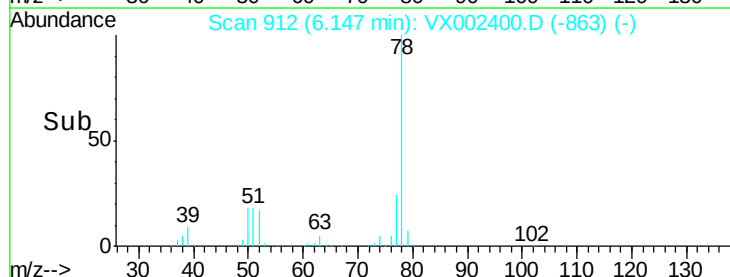
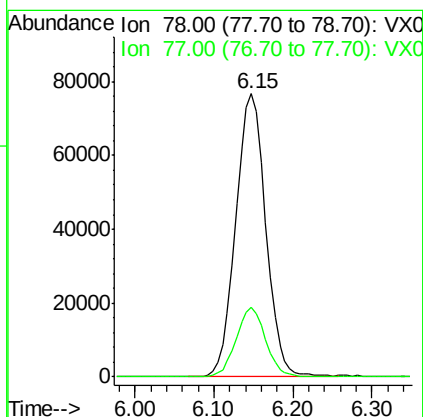
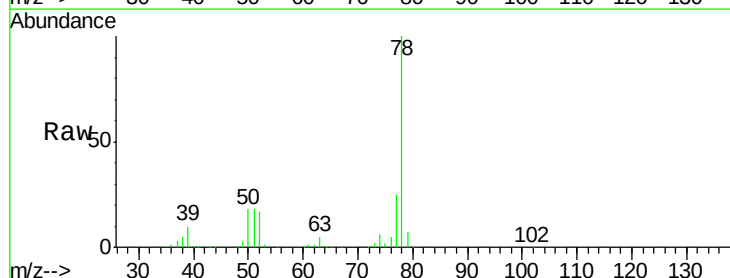
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

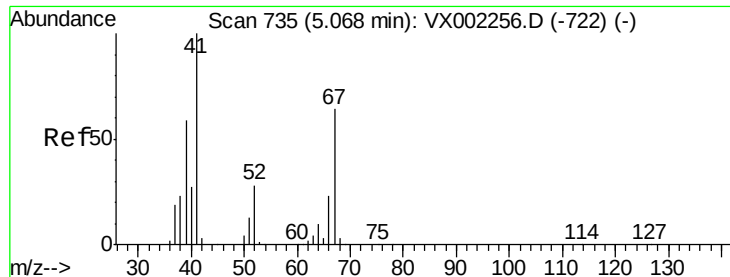
Tot Ion: 83 Resp: 84561
Ion Ratio Lower Upper
83 100
55 77.7 65.4 98.0
98 48.2 37.4 56.0



#40
Benzene
Concen: 19.42 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 78 Resp: 203732
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7

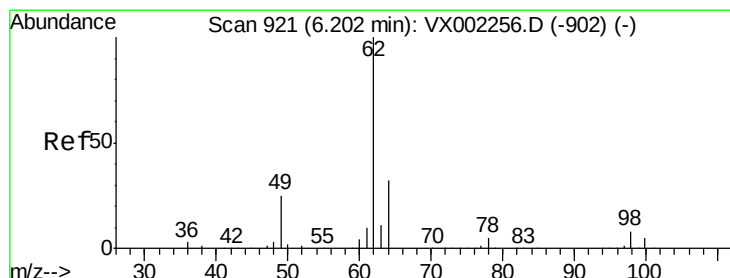
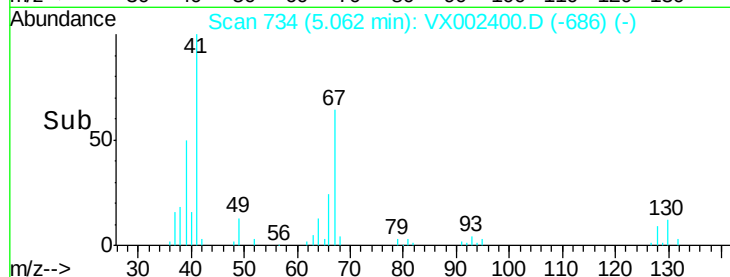
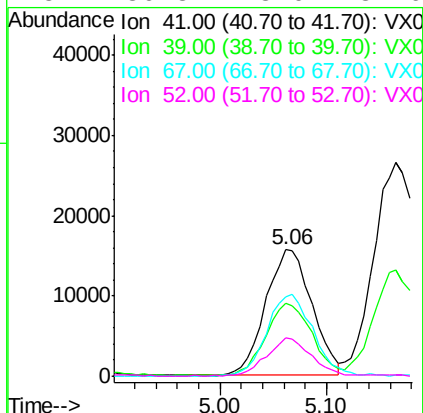
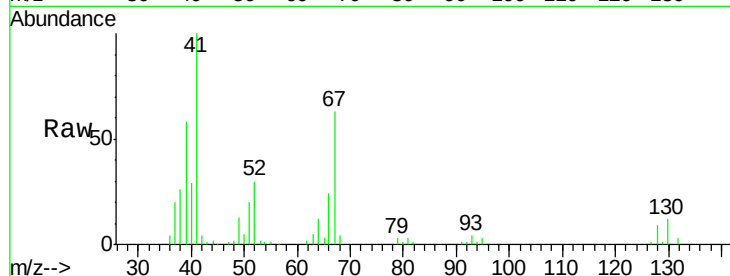




#41
Methacrylonitrile
Concen: 20.02 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

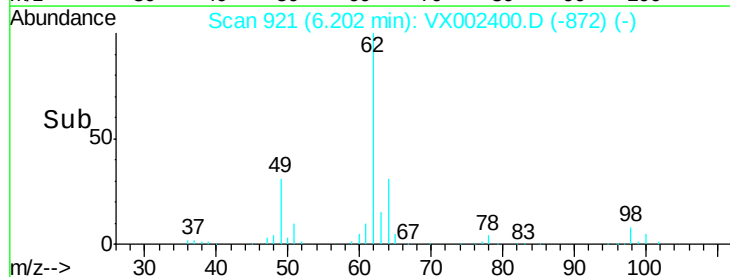
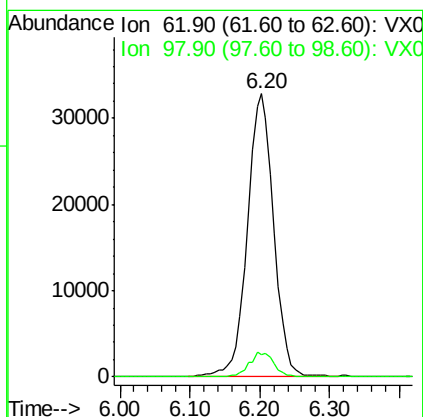
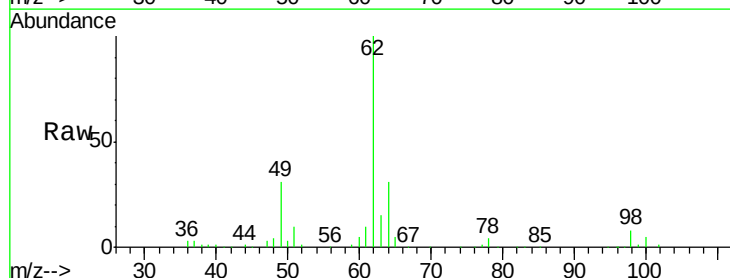
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

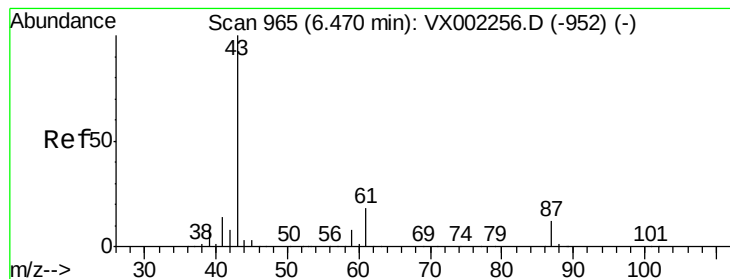
Tot Ion:	41	Resp:	47154
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.8	68.6
67	65.0	51.3	76.9
52	30.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.31 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion:	62	Resp:	84653
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



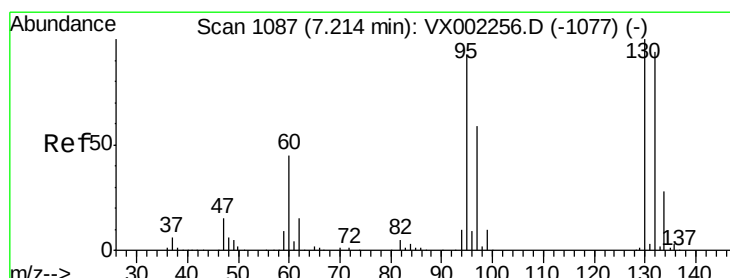
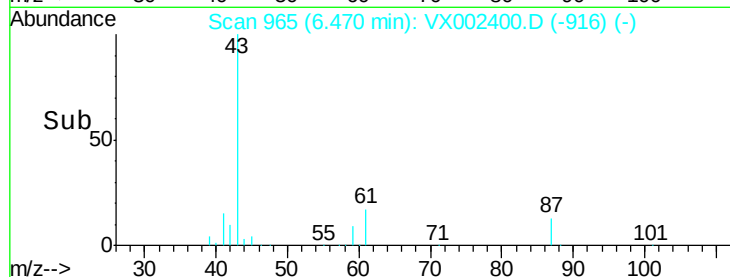
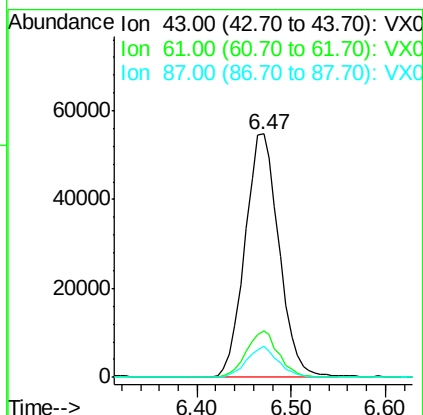
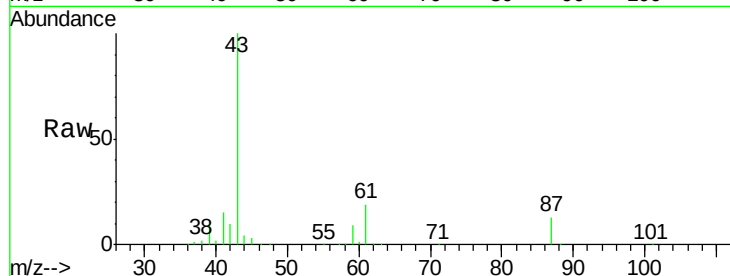


#43

Isopropyl Acetate
 Concen: 19.76 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

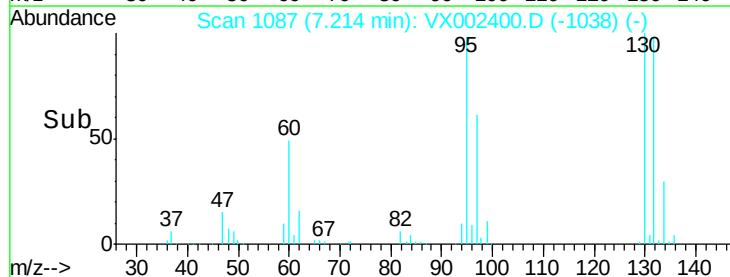
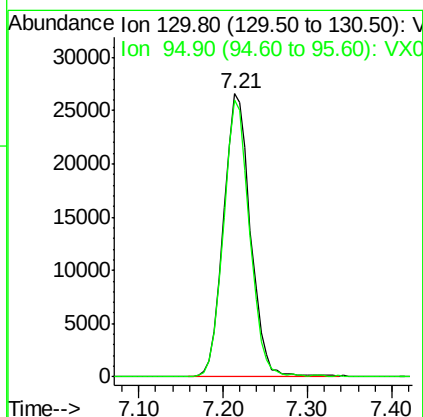
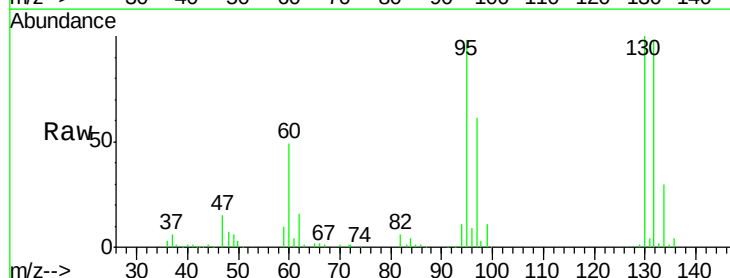
Tot Ion	43	Resp	138098
Ion Ratio	Lower	Upper	
43	100		
61	18.2	14.4	21.6
87	11.9	9.5	14.3

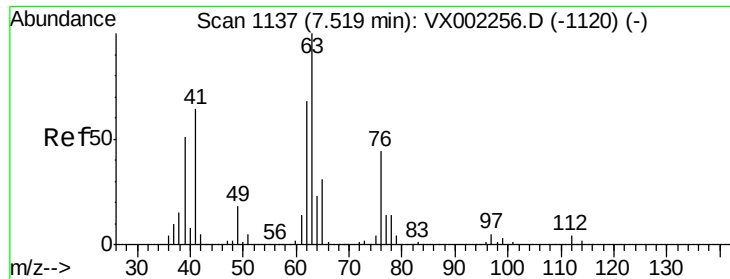


#44

Trichloroethene
 Concen: 20.00 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion	130	Resp	58227
Ion Ratio	Lower	Upper	
130	100		
95	98.0	0.0	185.4

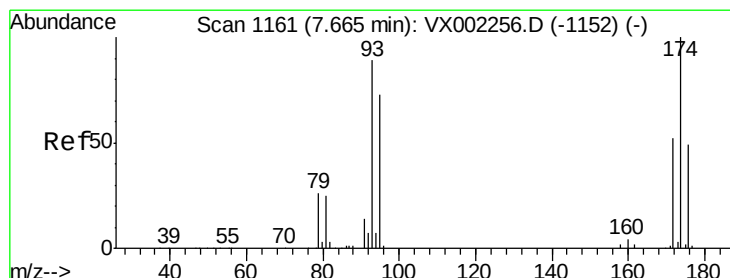
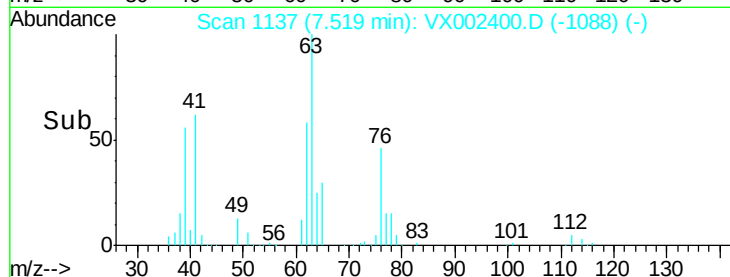
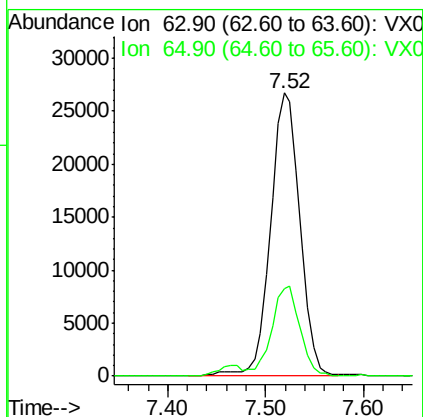
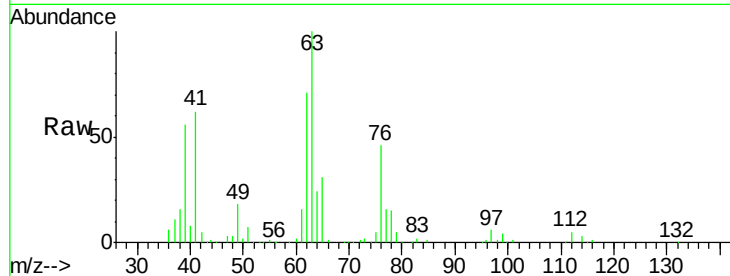




#45
 1,2-Dichloropropane
 Concen: 19.88 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

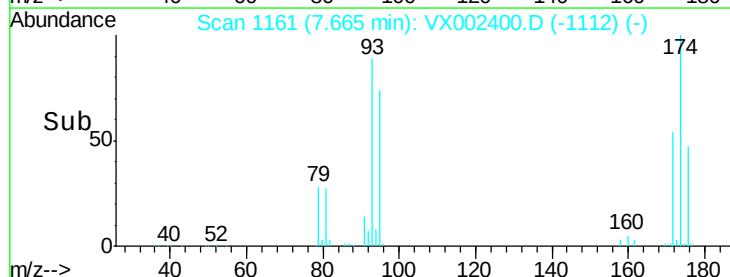
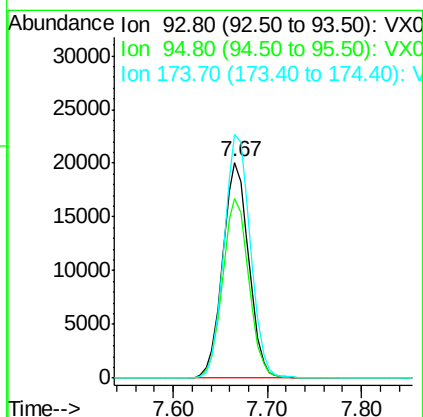
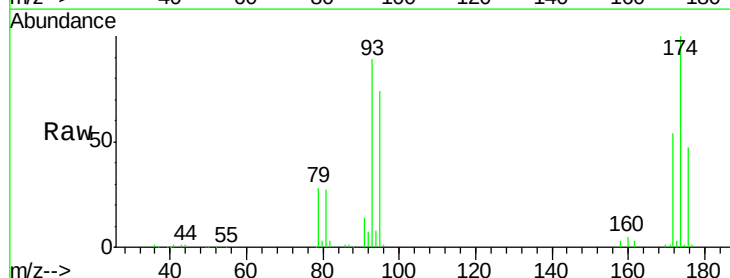
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

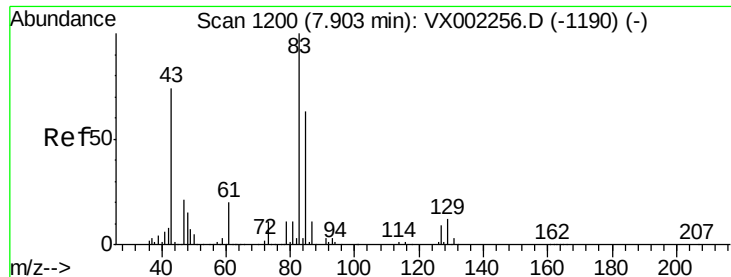
Tot Ion: 63 Resp: 56304
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 20.16 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion: 93 Resp: 38694
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.9 98.9
 174 113.6 92.4 138.6





#47

Bromodichloromethane

Concen: 19.21 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

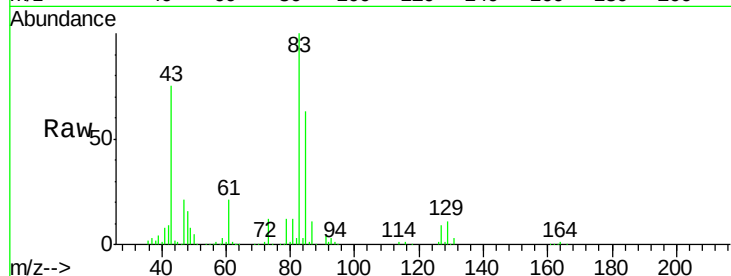
Tot Ion: 83 Resp: 66699

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5

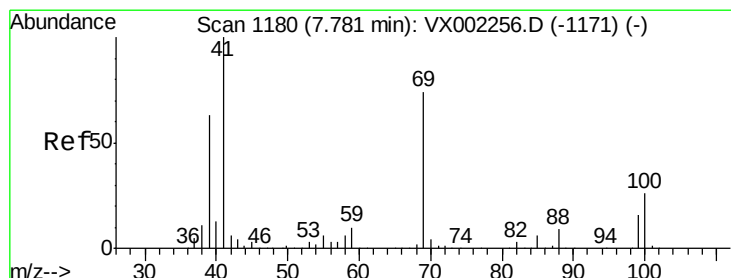
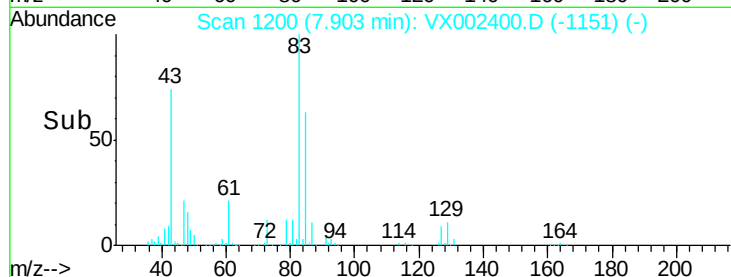
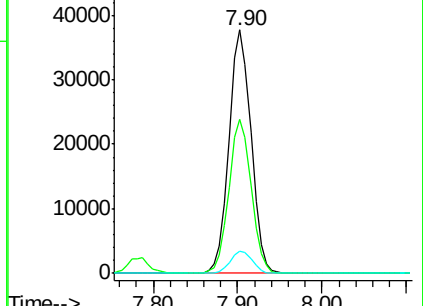
127 9.2 7.0 10.4



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: 20.02 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

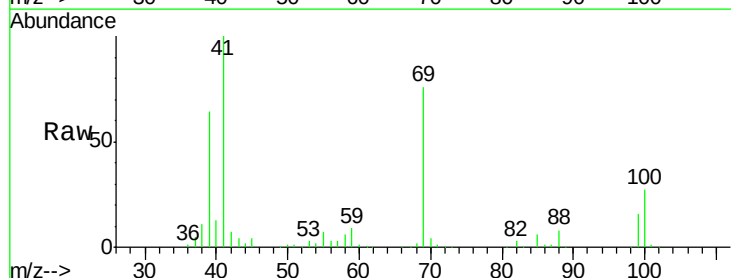
Tgt Ion: 41 Resp: 70280

Ion Ratio Lower Upper

41 100

69 76.2 59.1 88.7

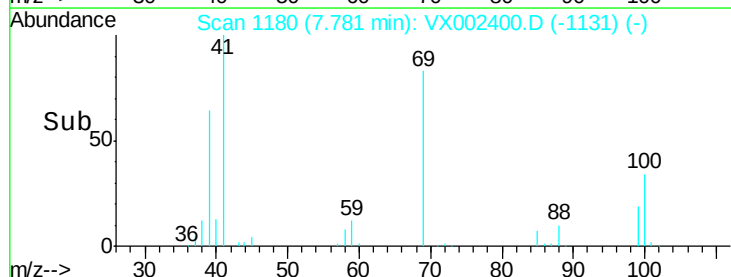
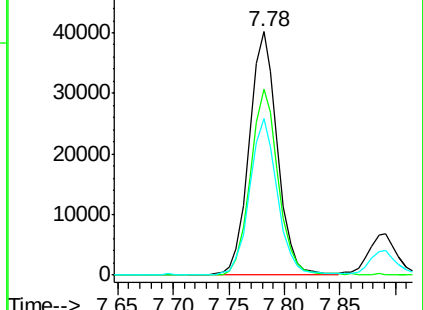
39 62.7 48.9 73.3

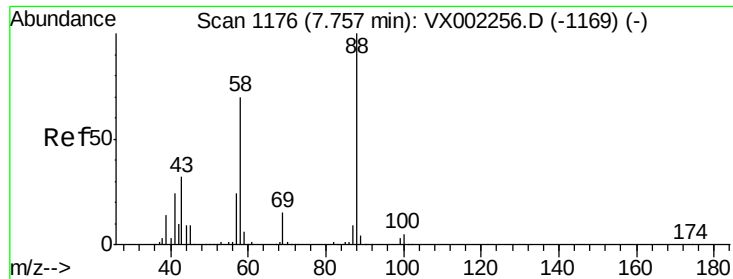


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

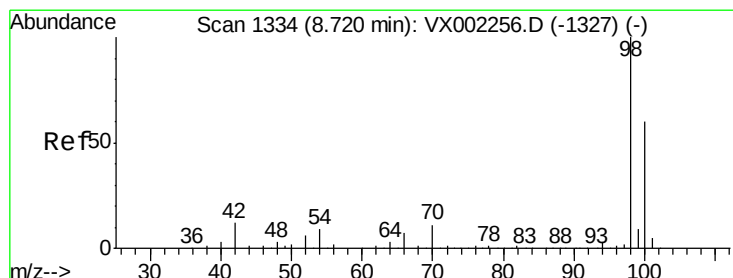
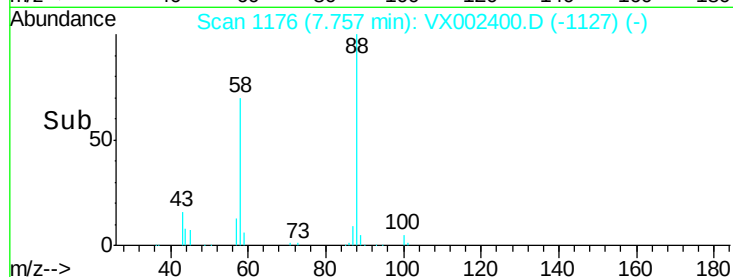
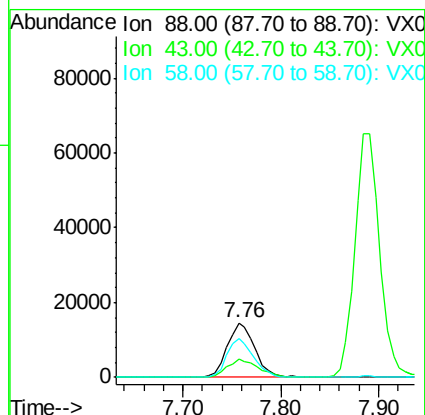
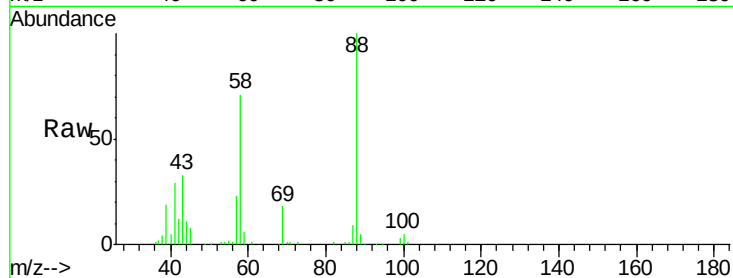




#49
1,4-Dioxane
Concen: 430.03 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

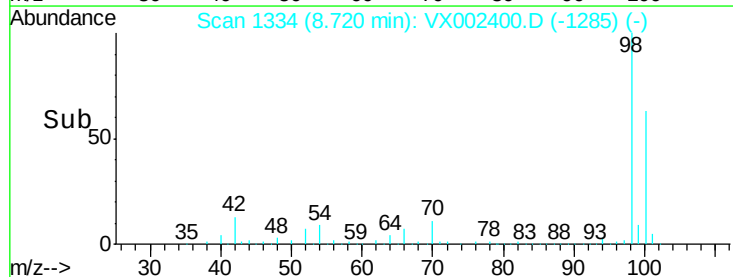
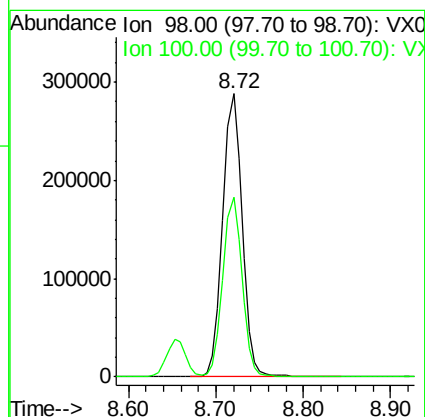
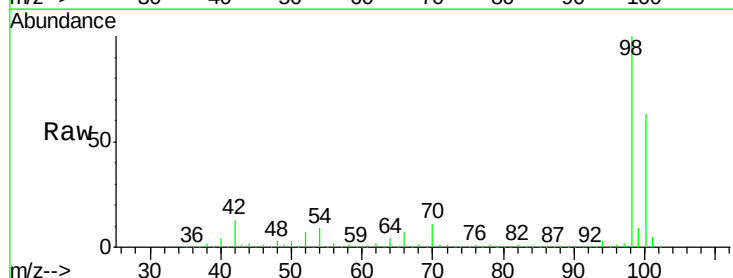
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

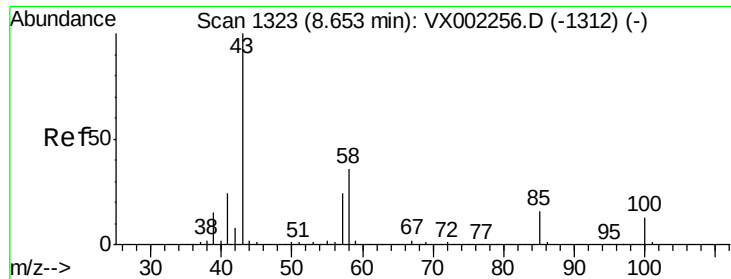
Tot Ion: 88 Resp: 28223
Ion Ratio Lower Upper
88 100
43 37.0 29.8 44.6
58 70.3 57.1 85.7



#50
Toluene-d8
Concen: 45.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 98 Resp: 445463
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 102.67 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

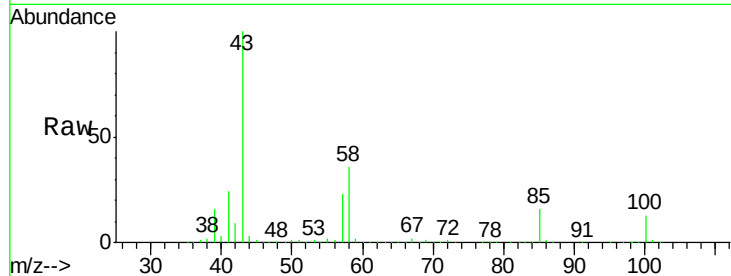
VX0608WBSD02

Tot Ion: 43 Resp: 446807

Ion Ratio Lower Upper

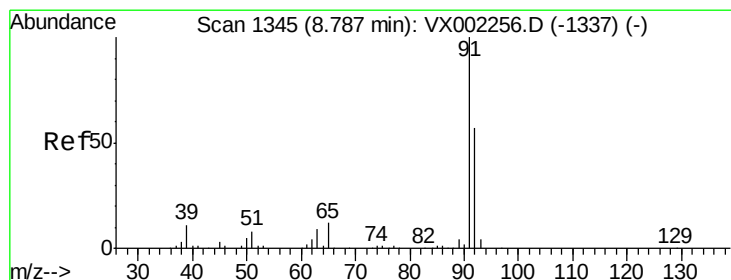
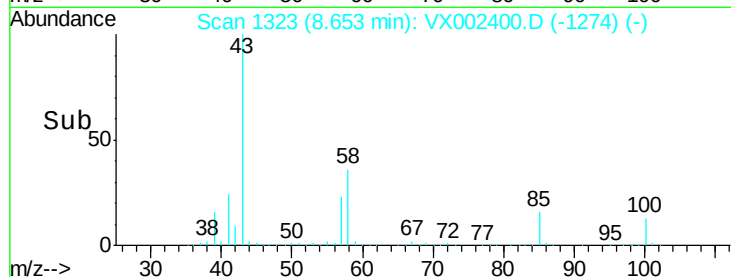
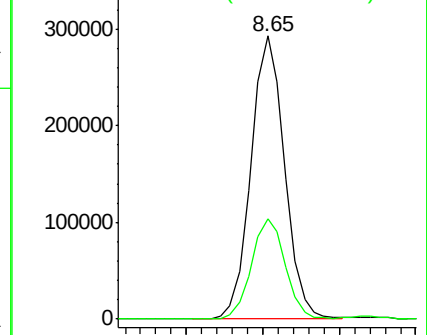
43 100

58 35.7 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: 19.93 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002400.D

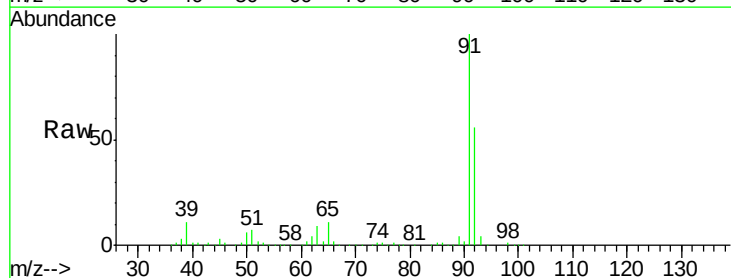
Acq: 08 Jun 2018 14:30

Tgt Ion: 92 Resp: 132928

Ion Ratio Lower Upper

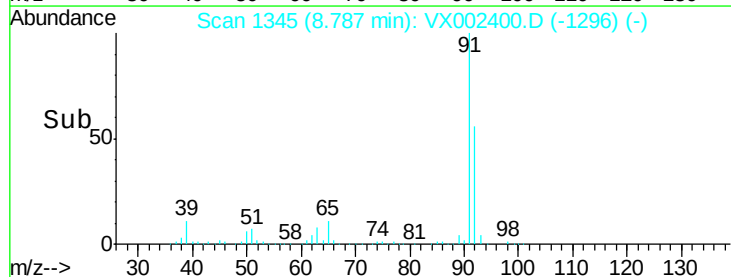
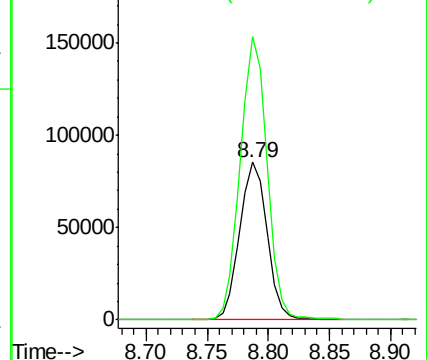
92 100

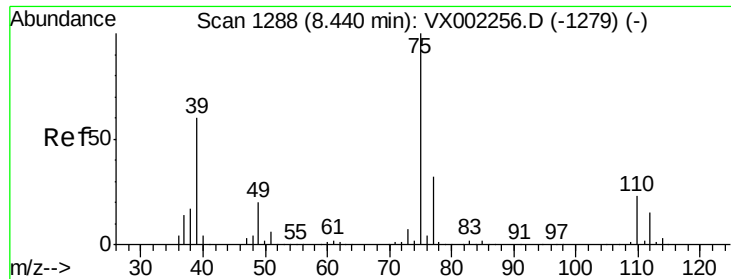
91 176.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

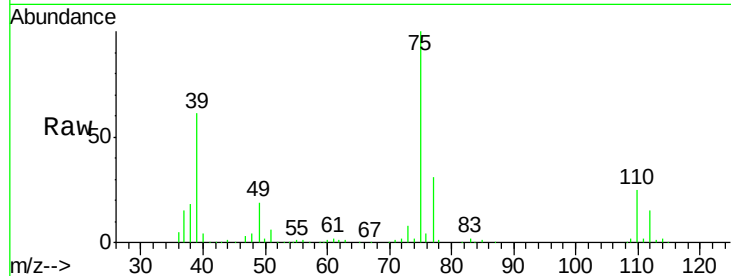
VX0608WBSD02

Tot Ion: 75 Resp: 79894

Ion Ratio Lower Upper

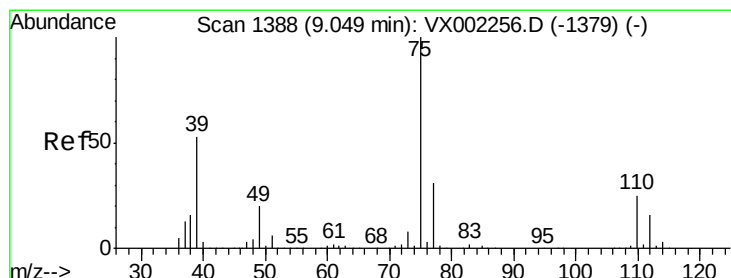
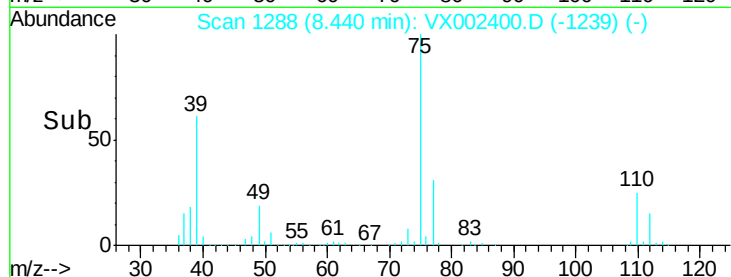
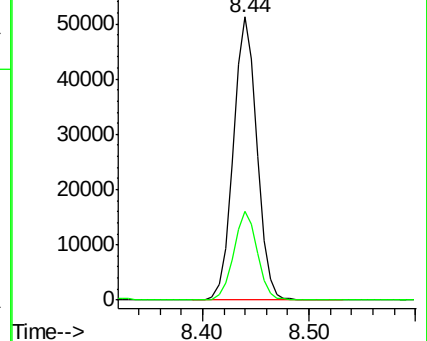
75 100

77 31.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.82 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

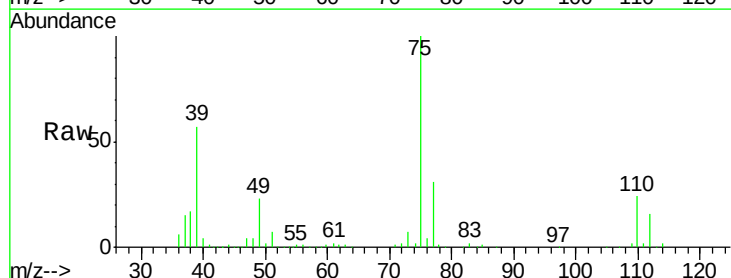
Tgt Ion: 75 Resp: 73927

Ion Ratio Lower Upper

75 100

77 30.5 24.8 37.2

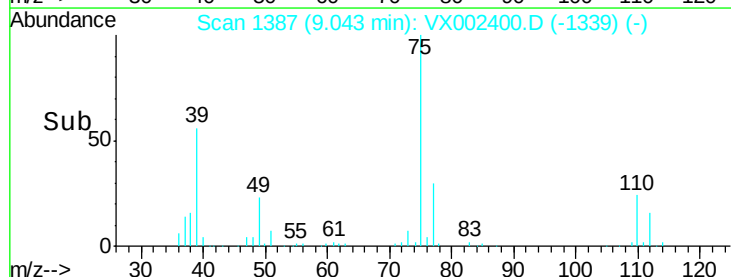
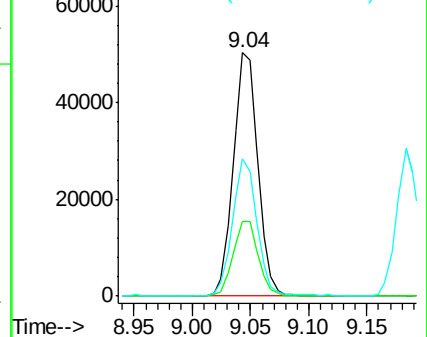
39 56.3 42.4 63.6

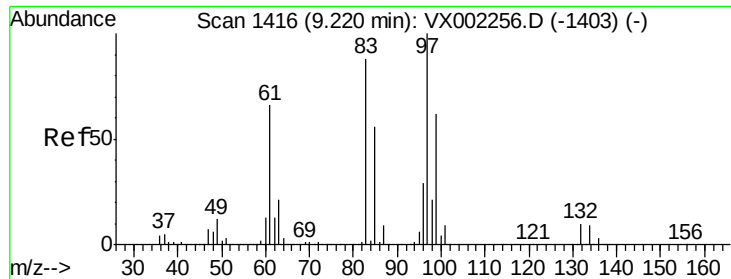


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

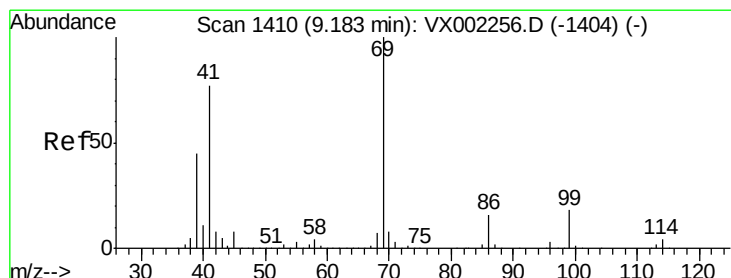
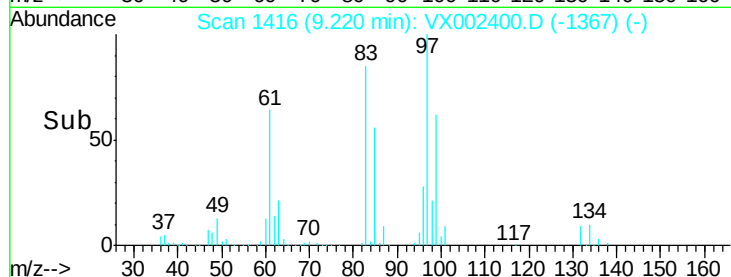
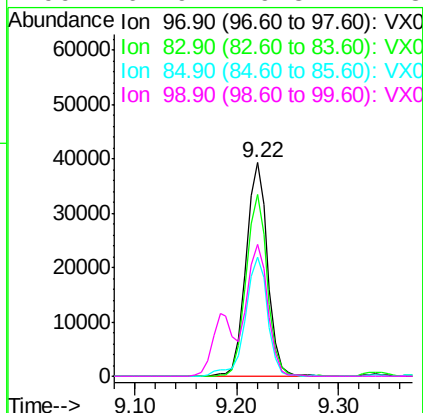
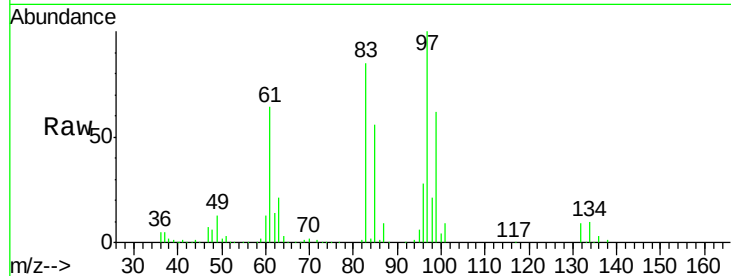




#55
 1,1,2-Trichloroethane
 Concen: 20.98 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

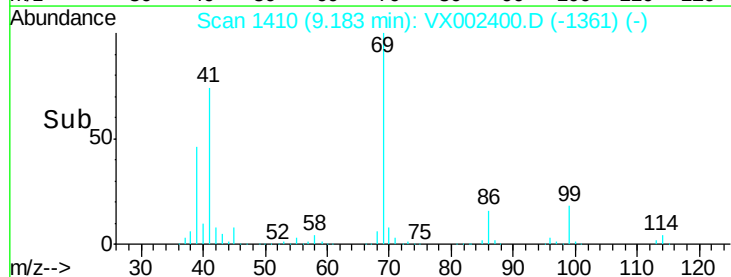
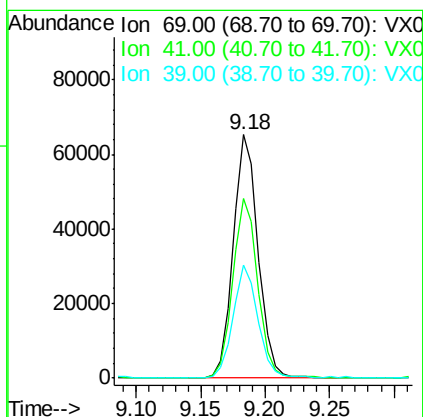
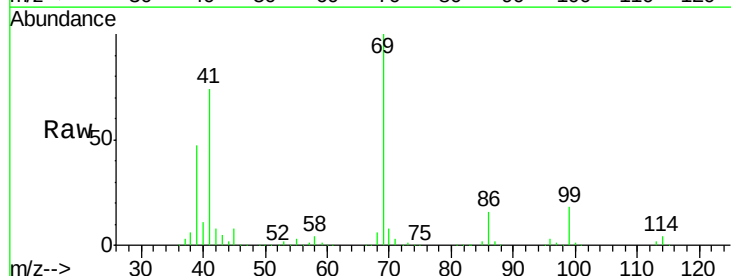
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

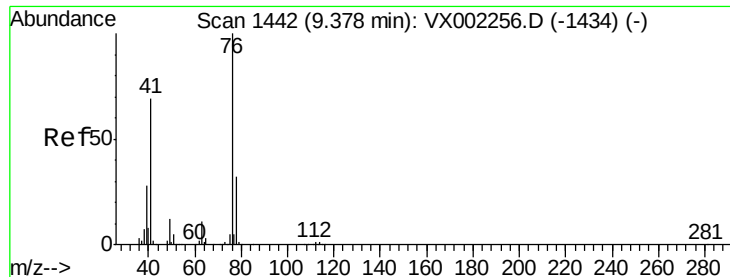
Tot Ion:	97	Resp:	57576
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.2	105.2
85	55.8	44.9	67.3
99	61.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.11 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion:	69	Resp:	88096
Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.3	90.5
39	45.9	35.8	53.8

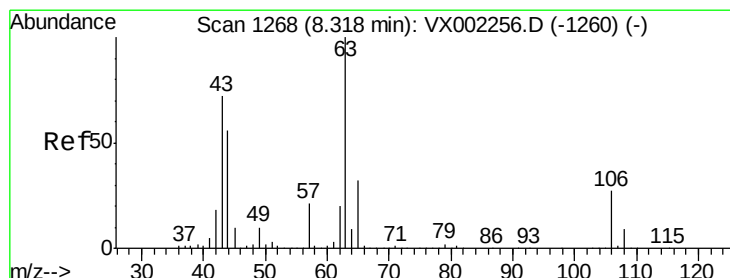
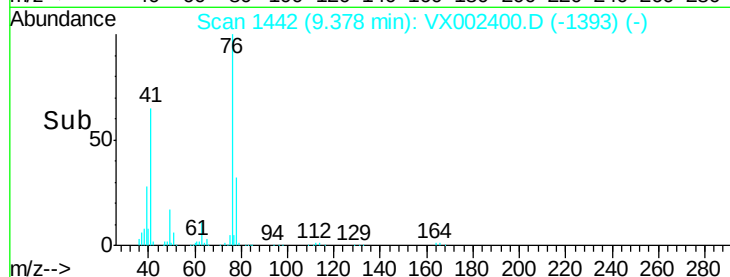
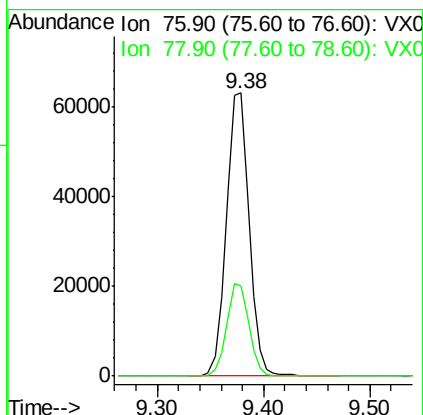
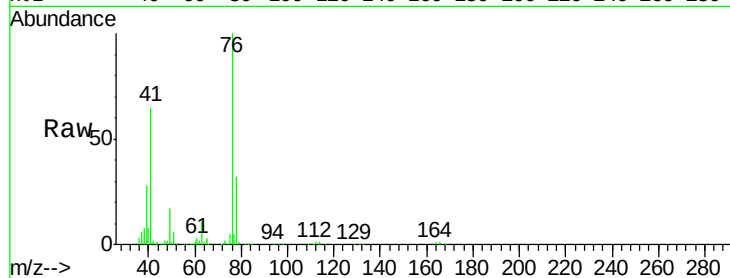




#57
 1,3-Dichloropropane
 Concen: 20.55 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

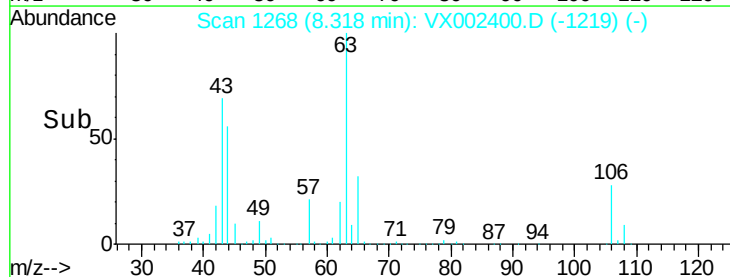
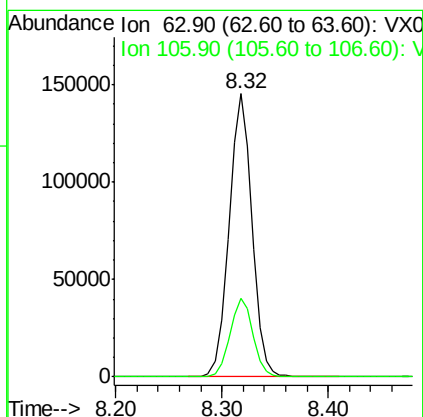
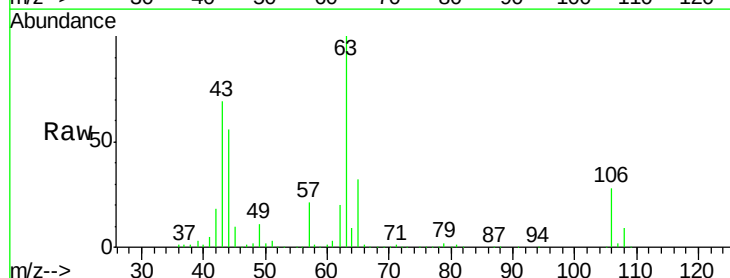
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

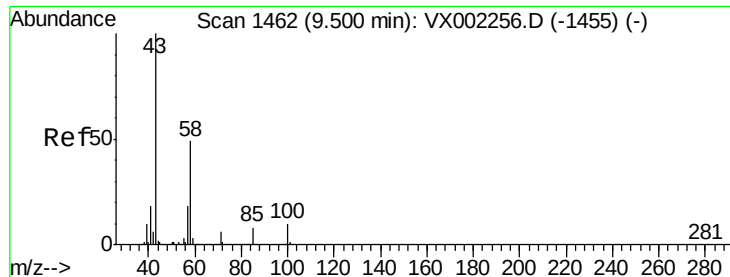
Tot Ion: 76 Resp: 94612
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.22 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion: 63 Resp: 219411
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.8 32.8

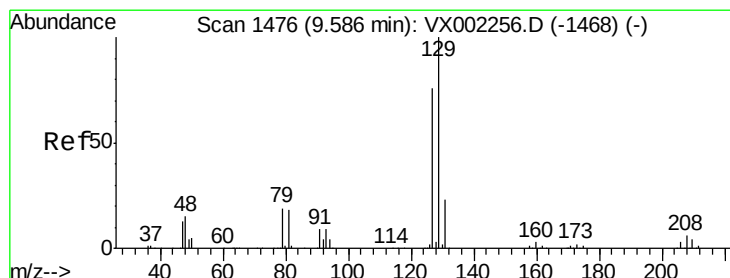
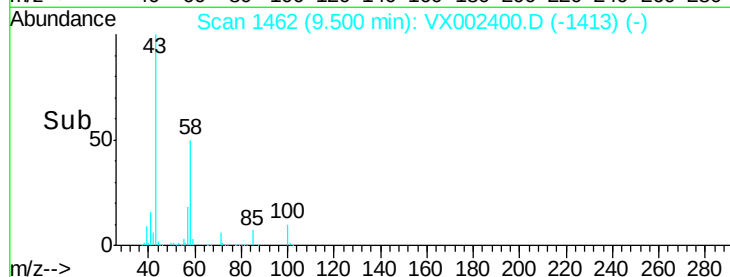
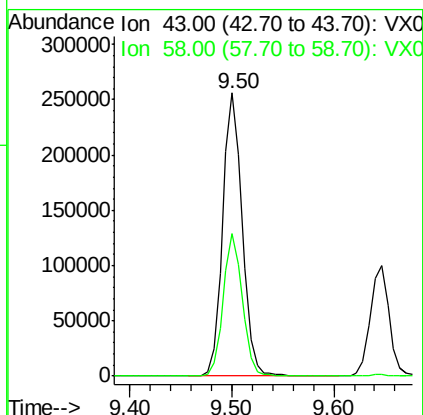
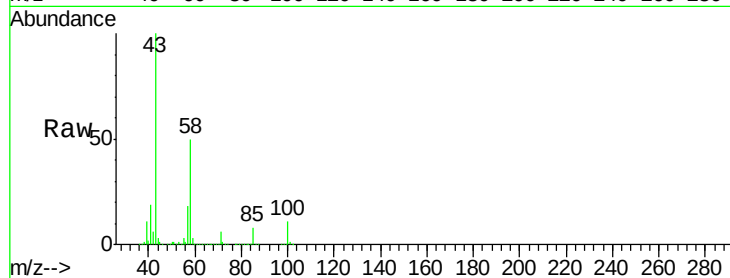




#59
2-Hexanone
Concen: 101.71 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

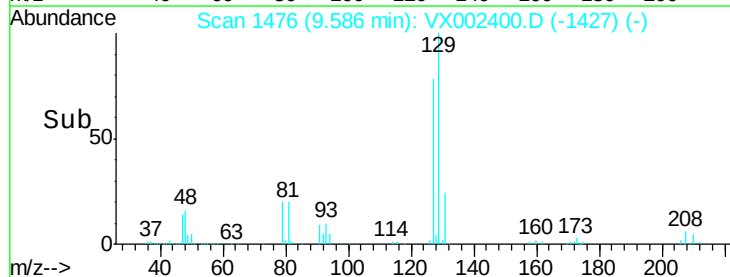
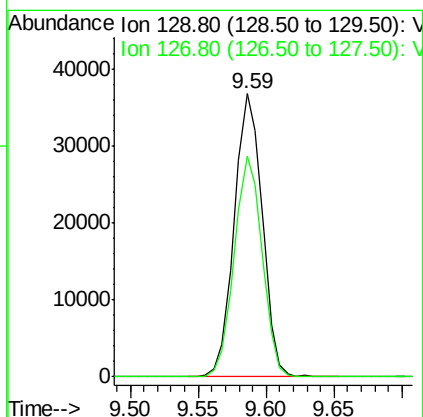
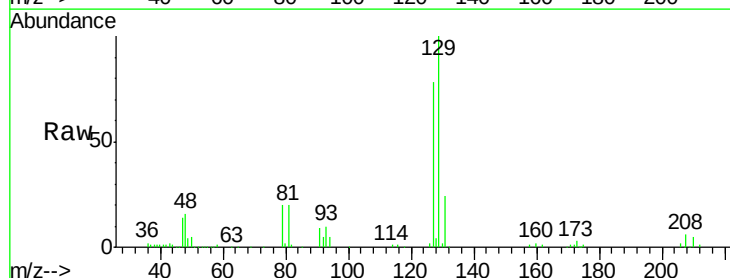
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

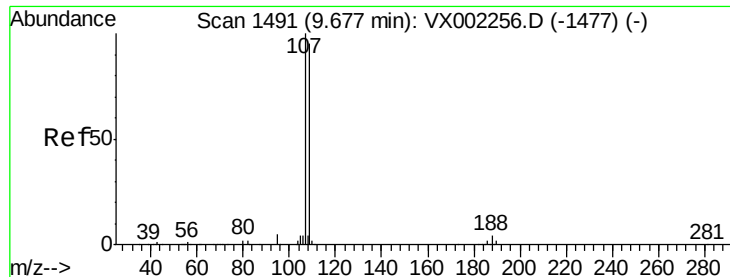
Tot Ion: 43 Resp: 341871
Ion Ratio Lower Upper
43 100
58 49.4 24.6 73.6



#60
Dibromochloromethane
Concen: 19.13 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 129 Resp: 52792
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.63 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

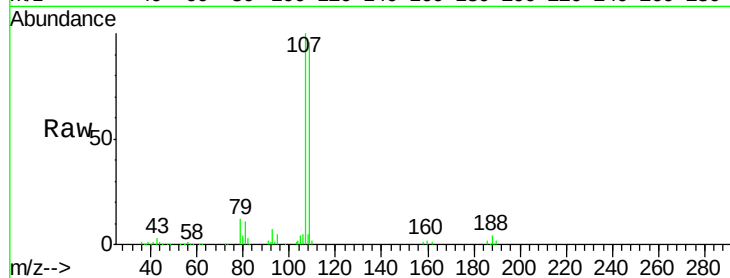
VX0608WBSD02

Tot Ion:107 Resp: 59010

Ion Ratio Lower Upper

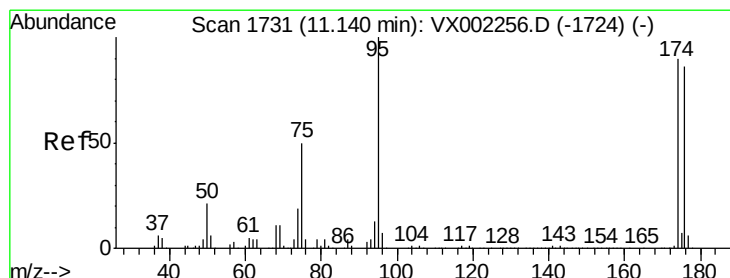
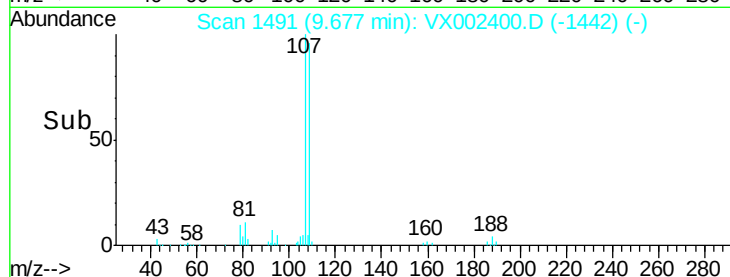
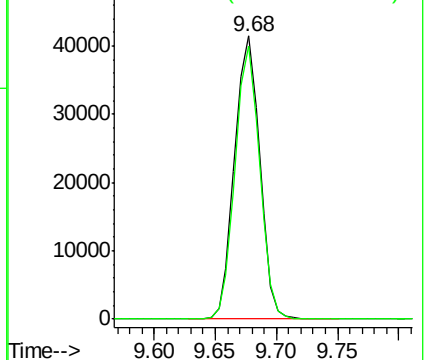
107 100

109 94.3 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: 44.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

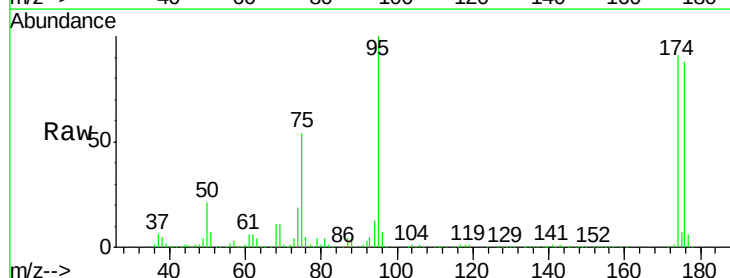
Tgt Ion: 95 Resp: 167247

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

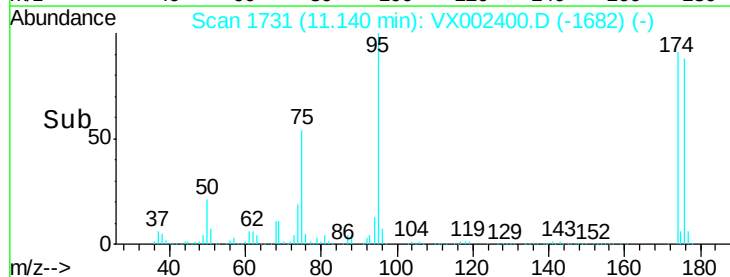
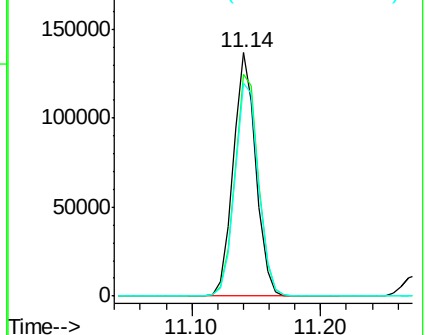
176 92.0 0.0 181.0

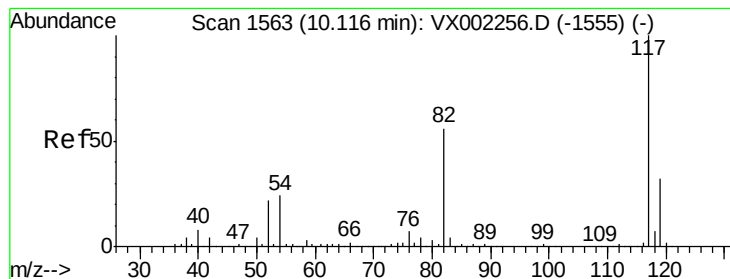


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

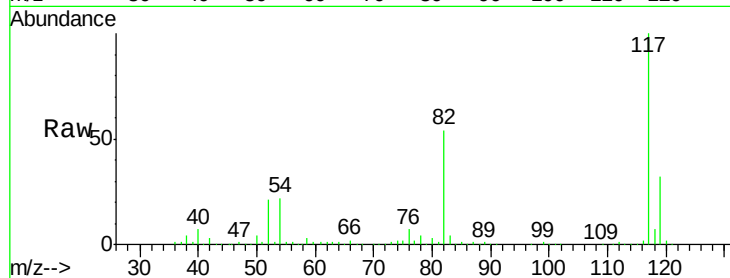
Tot Ion:117 Resp: 313877

Ion Ratio Lower Upper

117 100

82 54.2 45.0 67.4

119 31.5 25.8 38.6

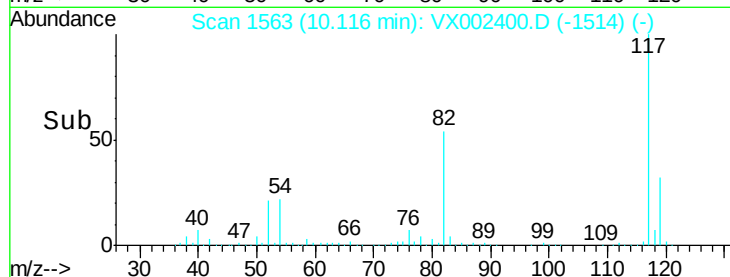


Abundance Ion 116.90 (116.60 to 117.60): V

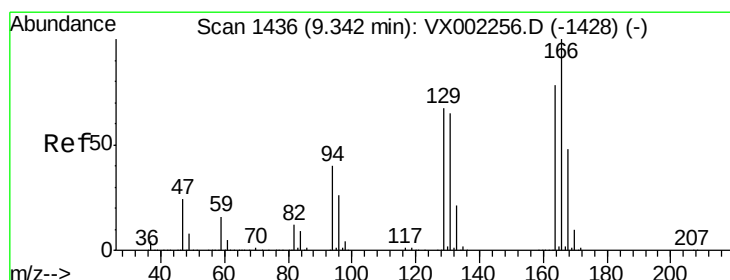
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#64

Tetrachloroethene

Concen: 19.86 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Tgt Ion:164 Resp: 64297

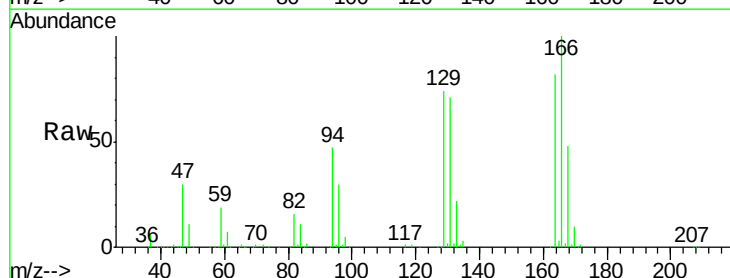
Ion Ratio Lower Upper

164 100

166 122.3 102.9 154.3

129 89.9 68.6 102.8

131 86.4 66.8 100.2



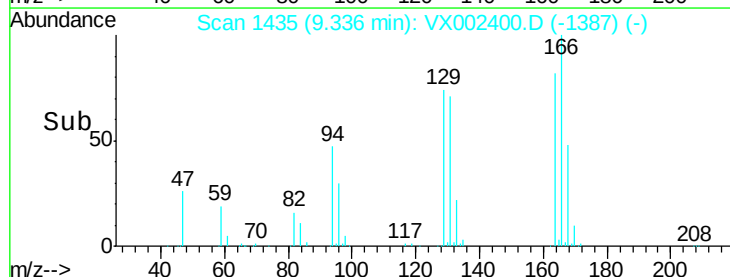
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

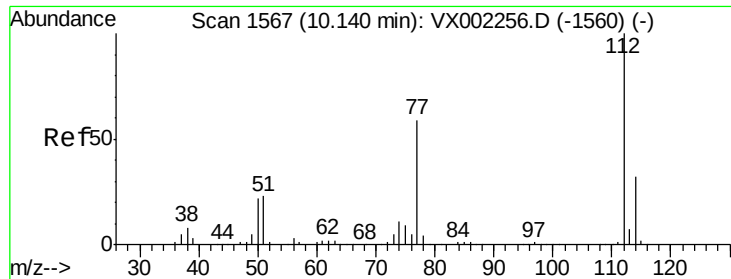
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



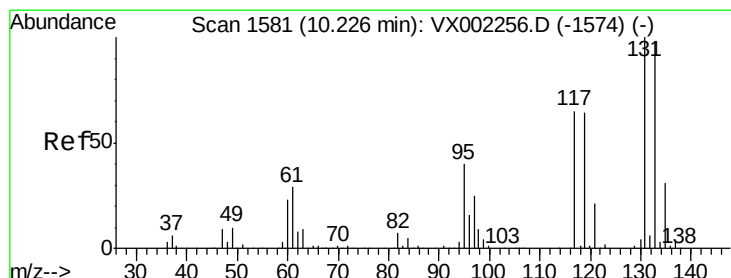
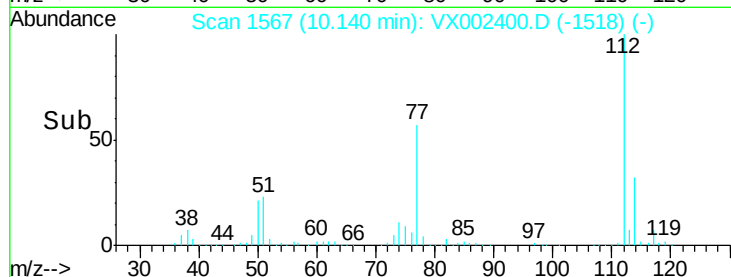
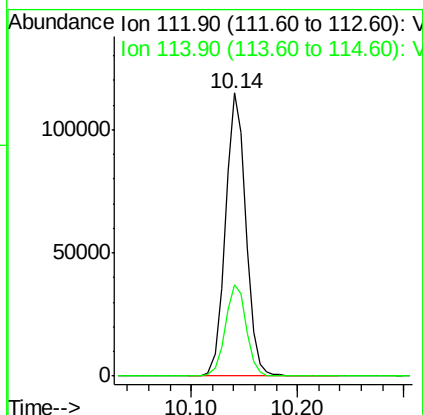
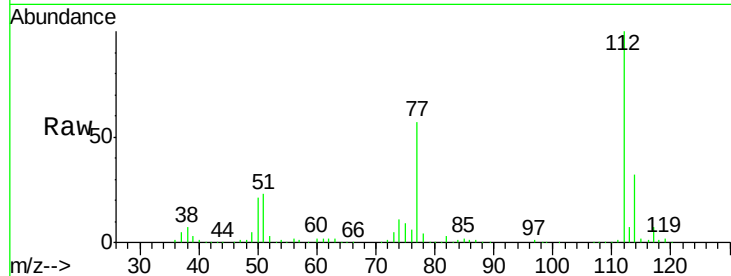
Time-->



#65
Chlorobenzene
Concen: 19.78 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

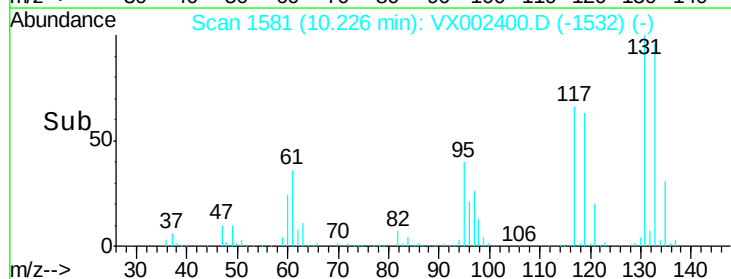
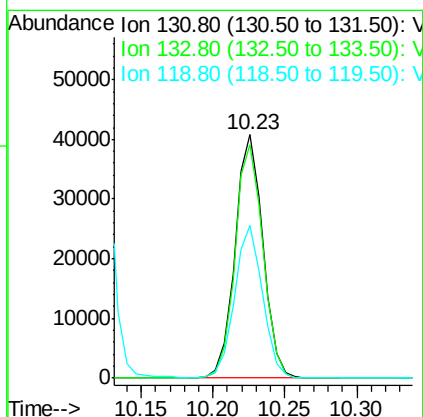
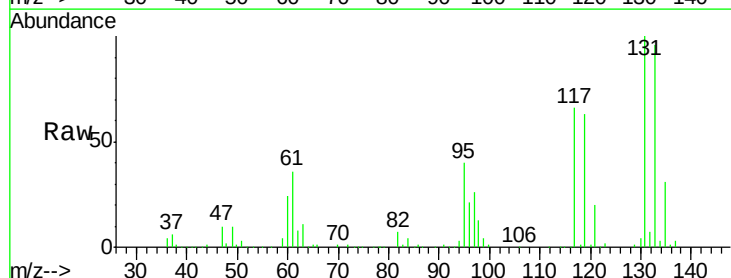
Instrument :
MSVOA_X
ClientSampled :
VX0608WBSD02

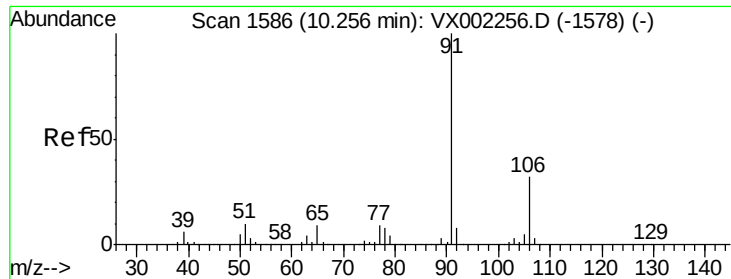
Tot Ion:112 Resp: 154460
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.36 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion:131 Resp: 54756
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 63.3 31.8 95.3

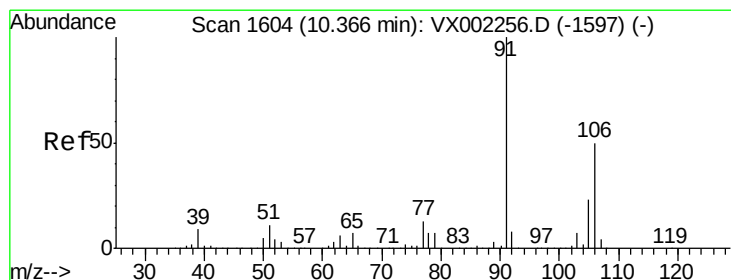
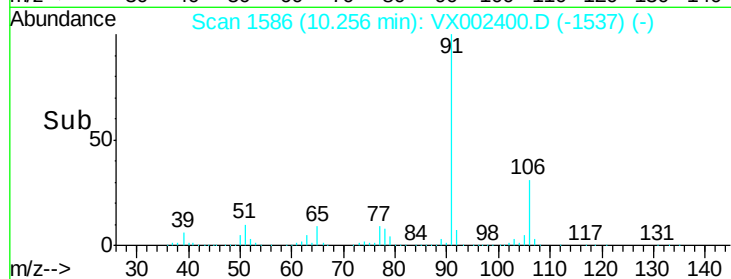
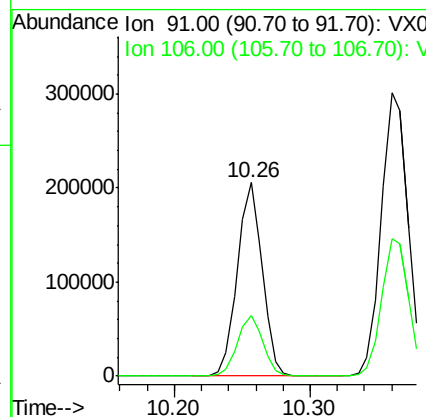
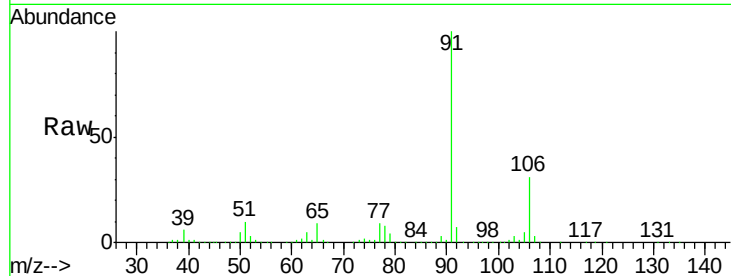




#67
Ethyl Benzene
Concen: 20.07 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

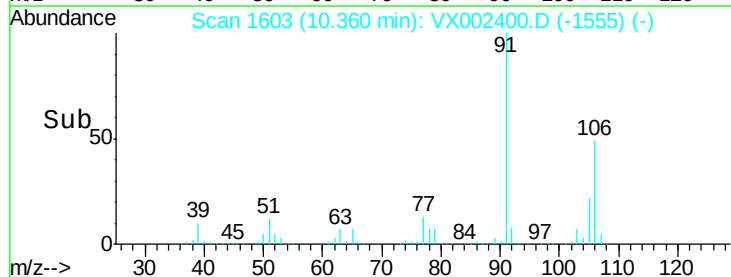
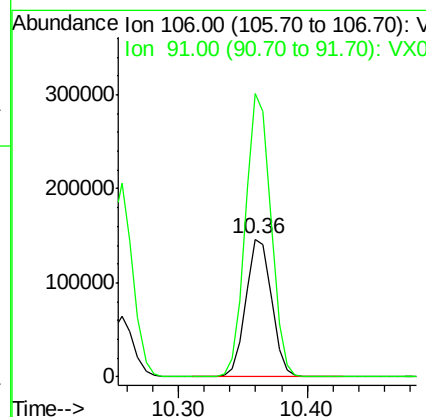
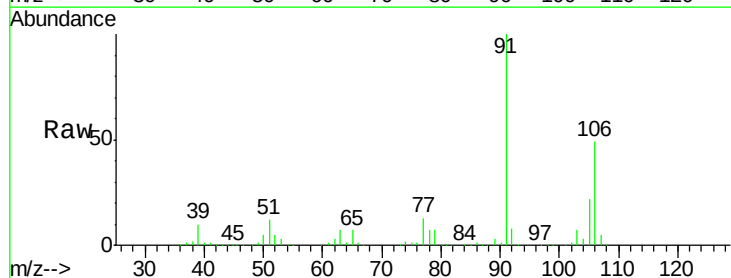
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

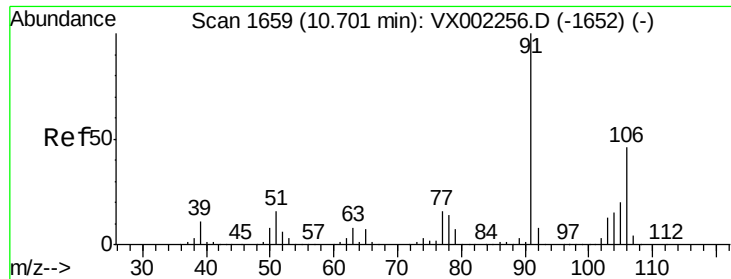
Tot Ion: 91 Resp: 262376
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 39.56 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 106 Resp: 200989
Ion Ratio Lower Upper
106 100
91 204.3 163.4 245.2

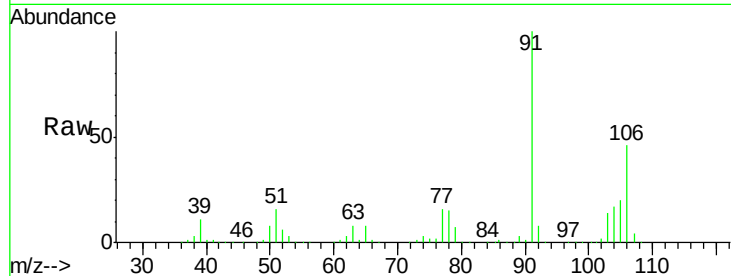




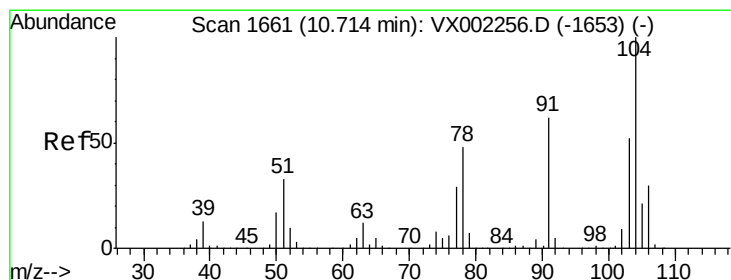
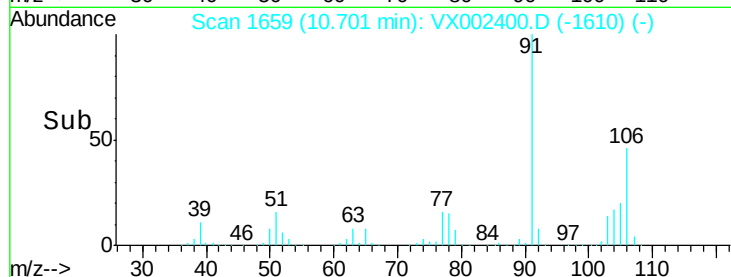
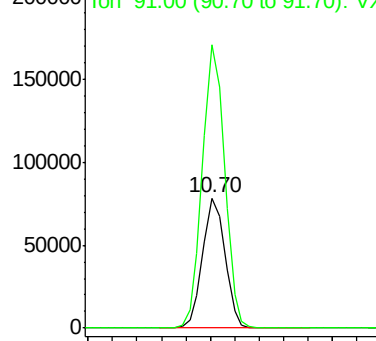
#69
o-Xylene
Concen: 19.67 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

Tot Ion:106 Resp: 99475
Ion Ratio Lower Upper
106 100
91 215.9 108.2 324.6

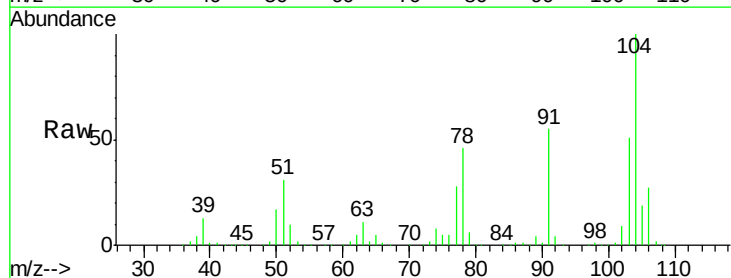


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

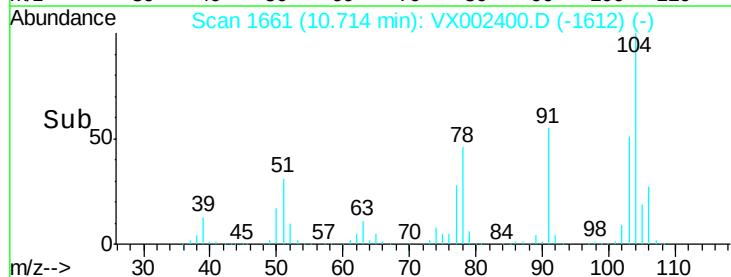
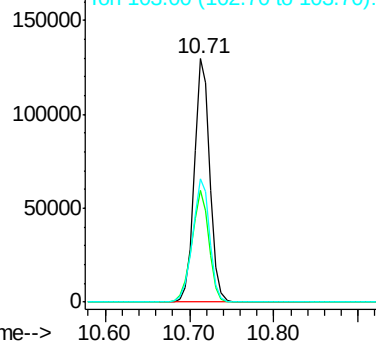


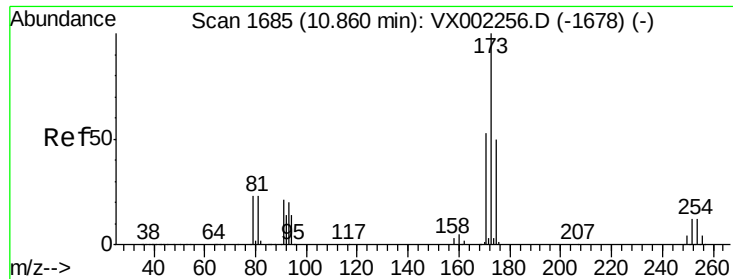
#70
Styrene
Concen: 20.00 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion:104 Resp: 165304
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 55.8 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: 17.87 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

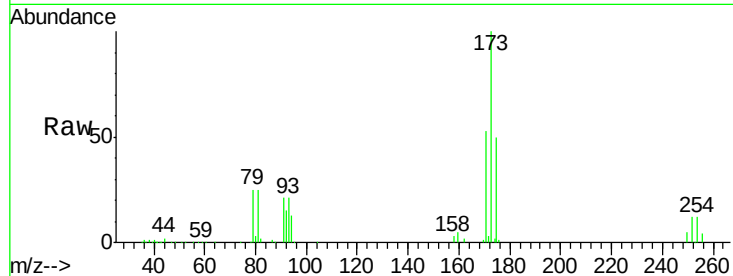
Tot Ion:173 Resp: 39223

Ion Ratio Lower Upper

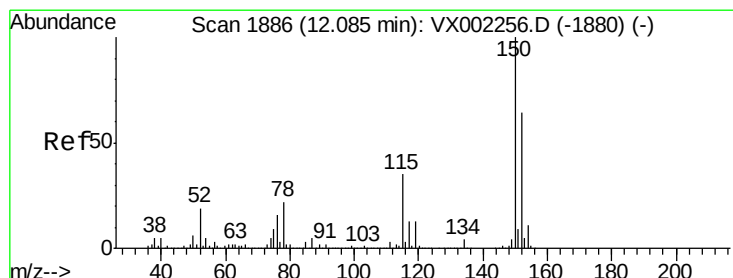
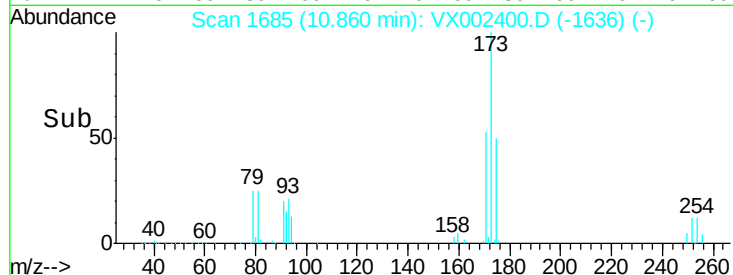
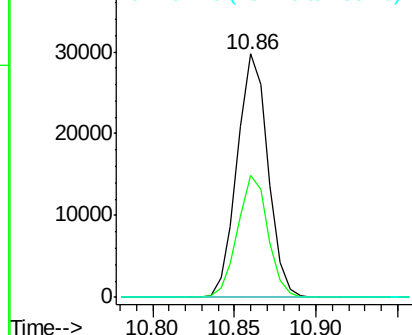
173 100

175 49.4 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

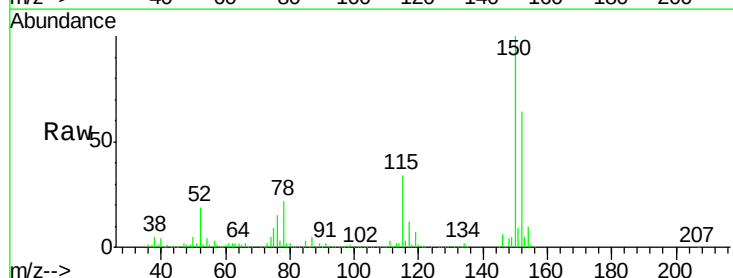
Tgt Ion:152 Resp: 193731

Ion Ratio Lower Upper

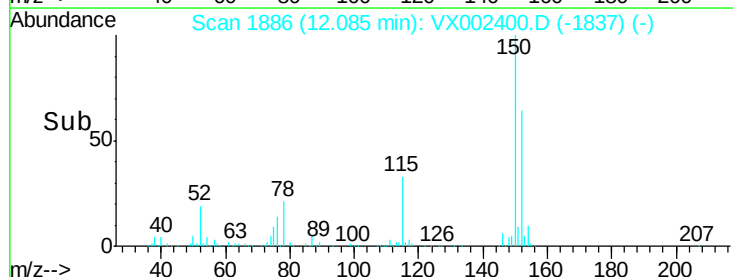
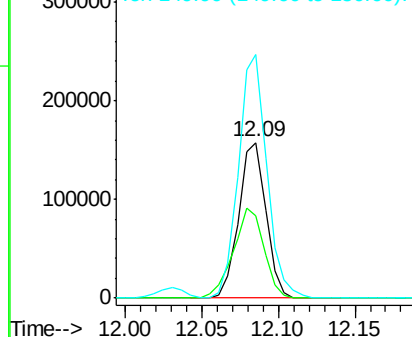
152 100

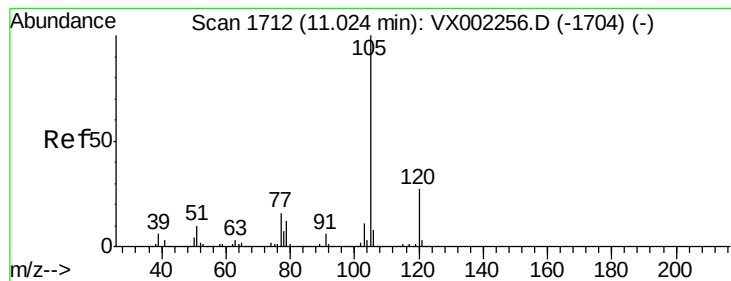
115 65.1 40.1 120.2

150 163.3 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.29 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

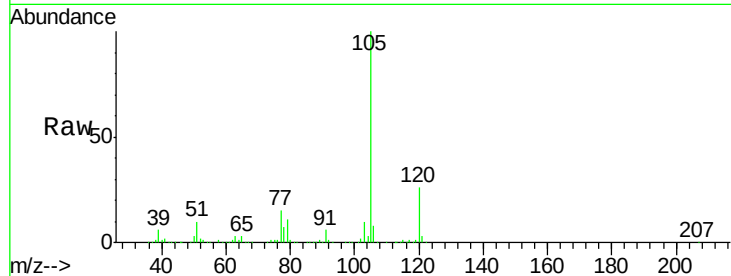
VX0608WBSD02

Tot Ion:105 Resp: 273485

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

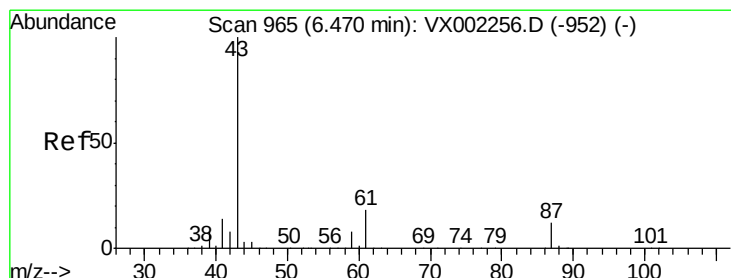
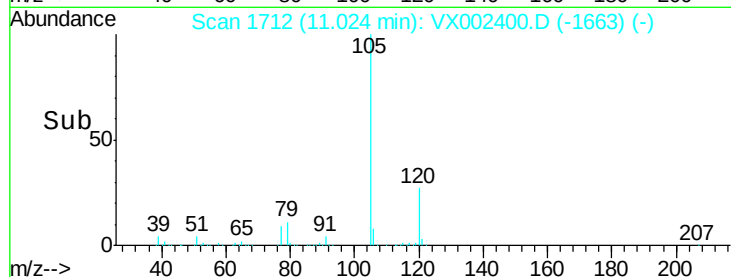
50000

0

11.02

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.02 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Tgt Ion: 43 Resp: 138098

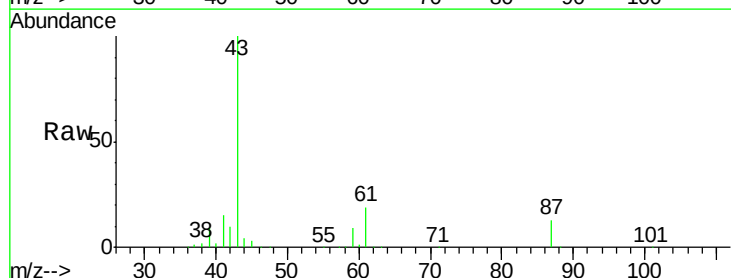
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.2 0.0 0.0#

61 18.2 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

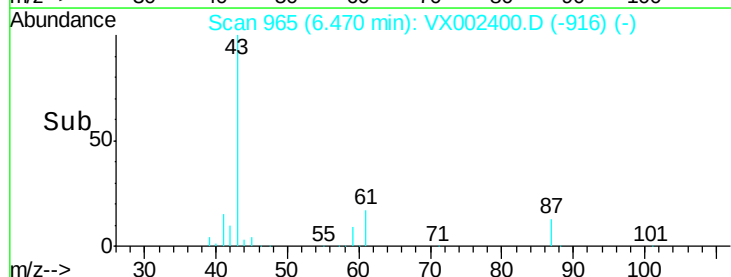
20000

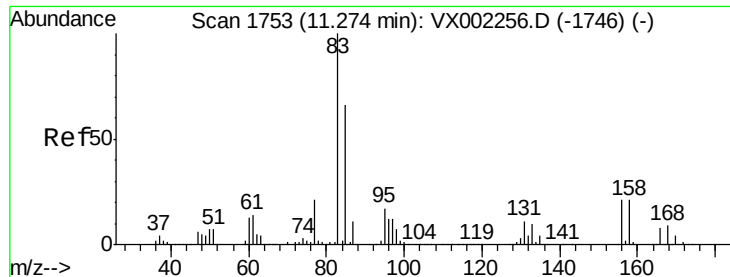
0

6.47

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.11 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

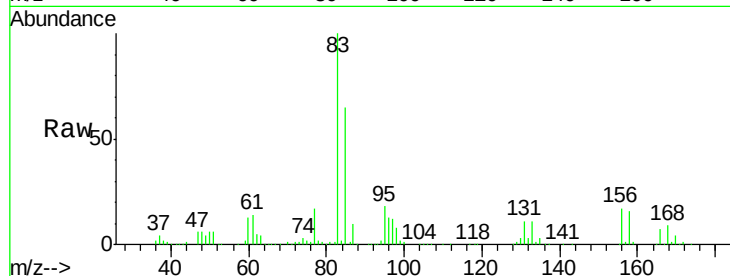
Tot Ion: 83 Resp: 85230

Ion Ratio Lower Upper

83 100

131 10.5 5.6 16.8

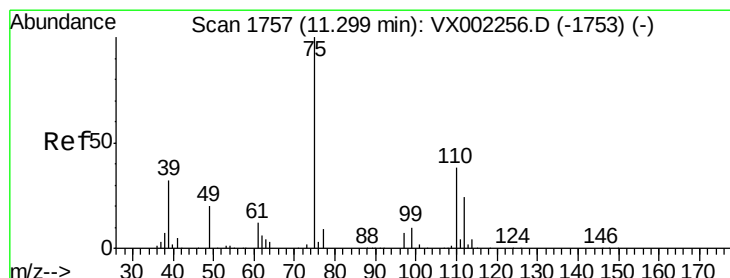
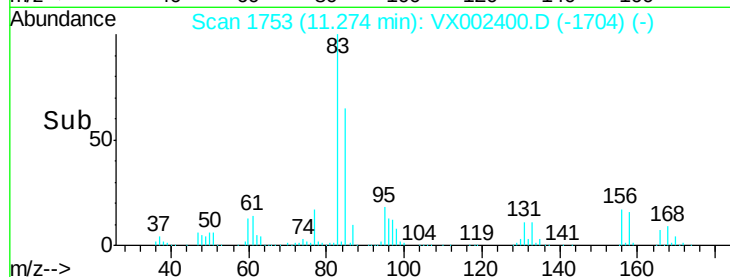
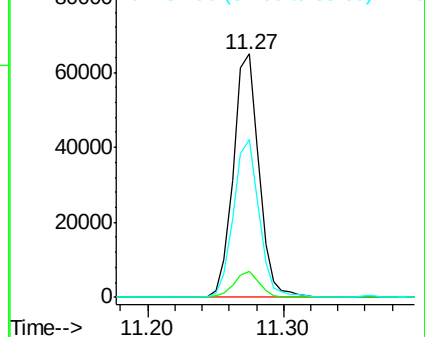
85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.08 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002400.D

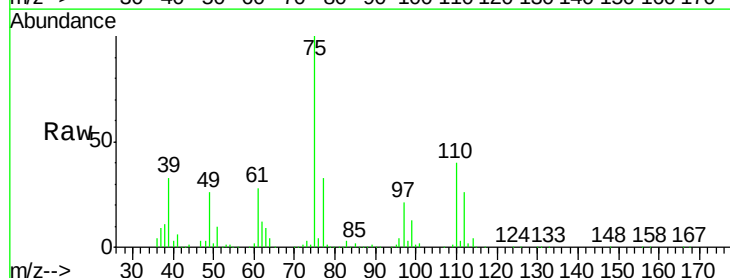
Acq: 08 Jun 2018 14:30

Tgt Ion: 75 Resp: 93858

Ion Ratio Lower Upper

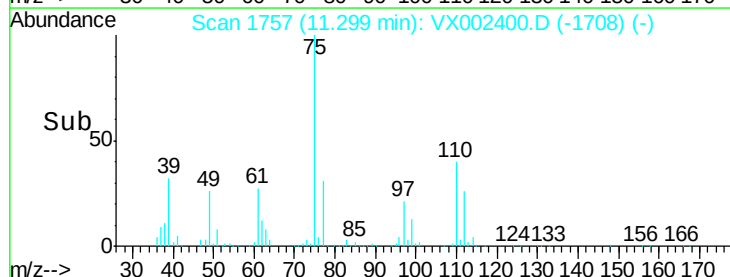
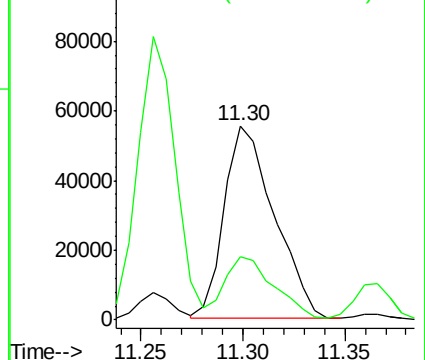
75 100

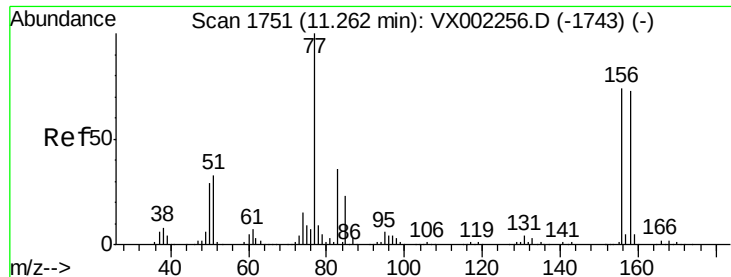
77 33.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.59 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

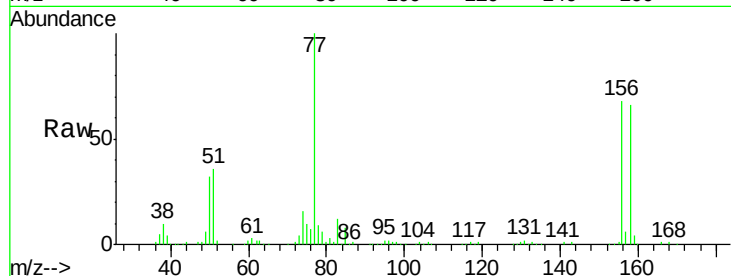
Tot Ion:156 Resp: 74123

Ion Ratio Lower Upper

156 100

77 139.7 71.4 214.2

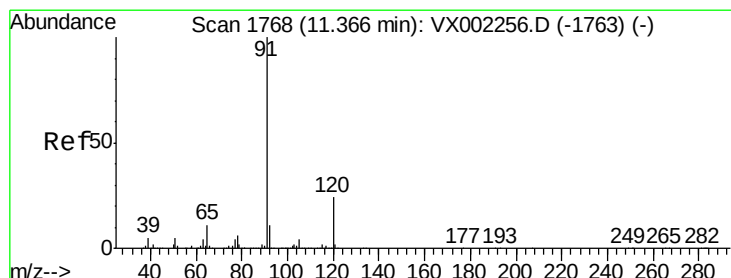
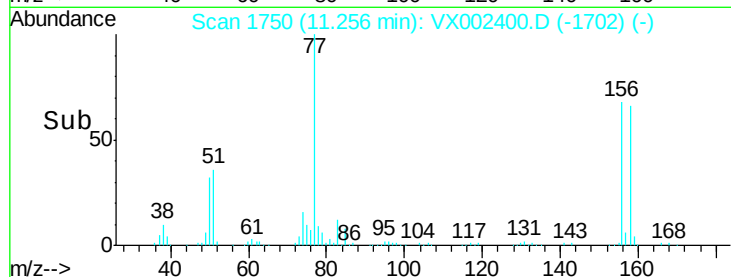
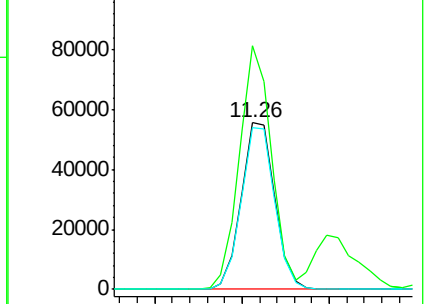
158 96.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.61 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002400.D

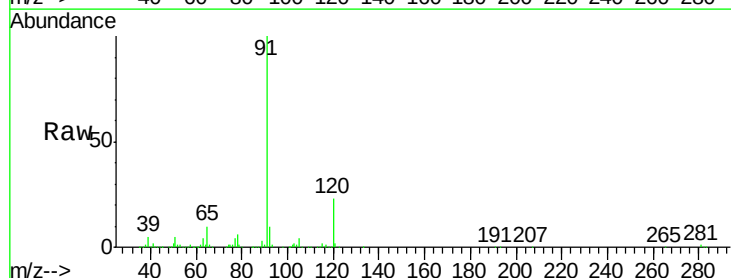
Acq: 08 Jun 2018 14:30

Tgt Ion: 91 Resp: 308697

Ion Ratio Lower Upper

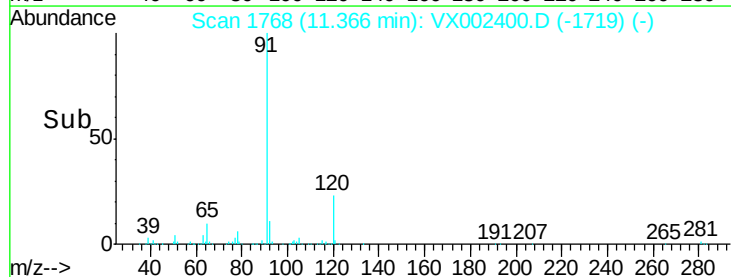
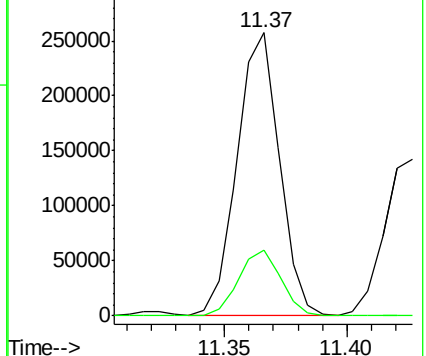
91 100

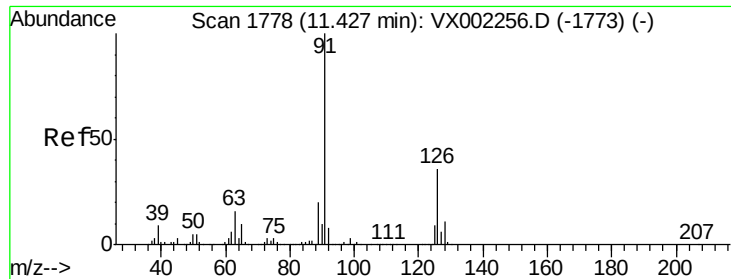
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.53 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

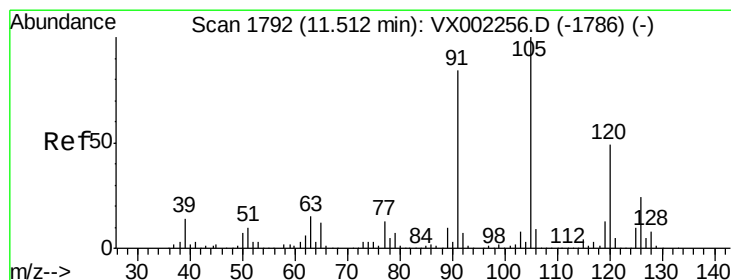
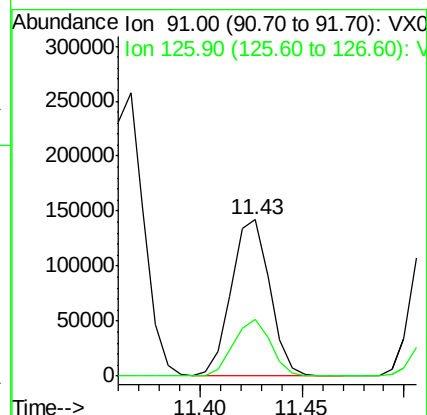
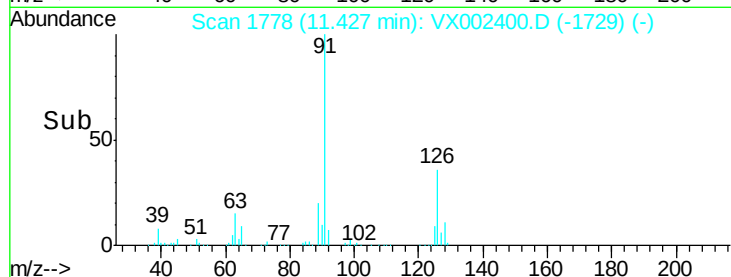
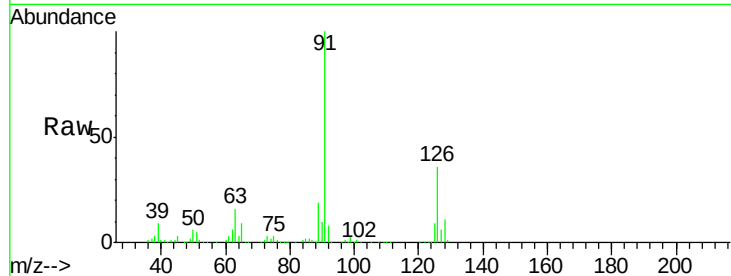
VX0608WBSD02

Tot Ion: 91 Resp: 184740

Ion Ratio Lower Upper

91 100

126 35.3 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 19.95 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002400.D

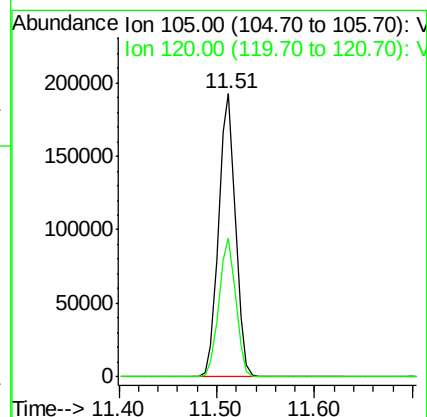
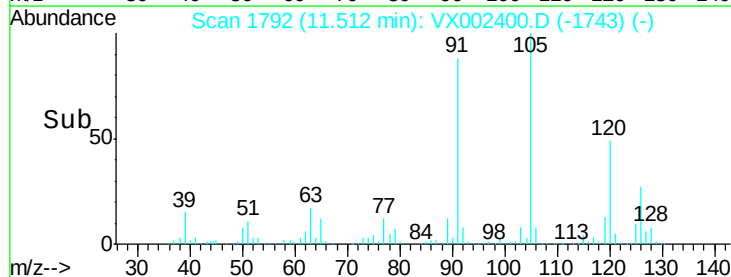
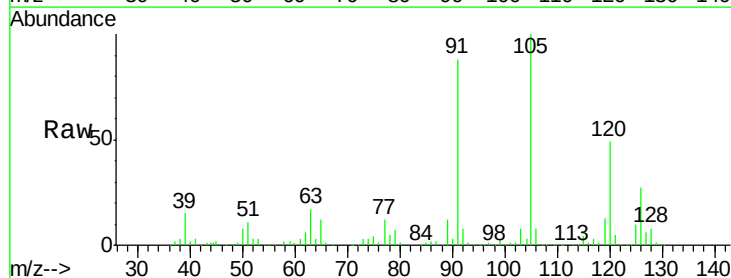
Acq: 08 Jun 2018 14:30

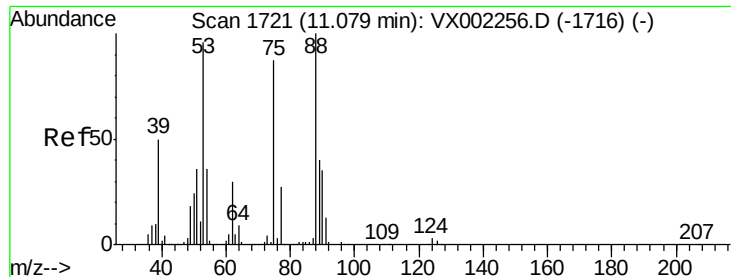
Tgt Ion: 105 Resp: 230659

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.43 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

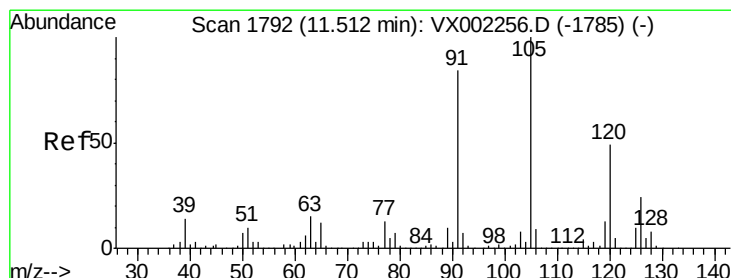
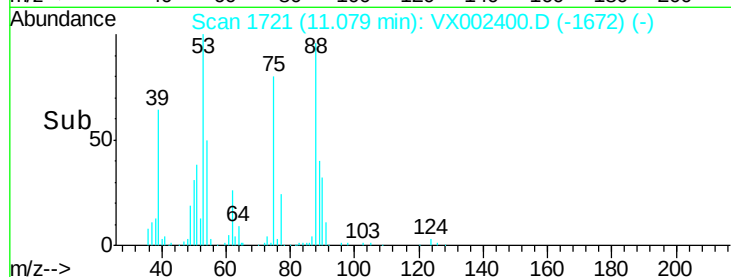
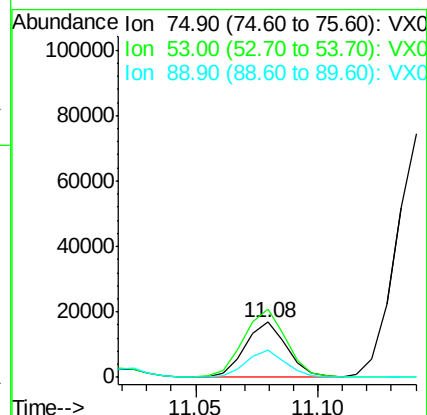
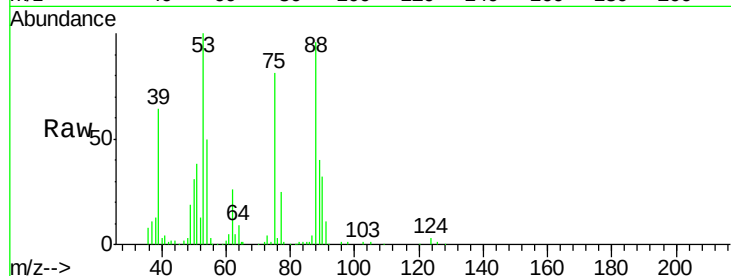
Tot Ion: 75 Resp: 19927

Ion Ratio Lower Upper

75 100

53 127.2 86.8 130.2

89 48.2 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.42 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002400.D

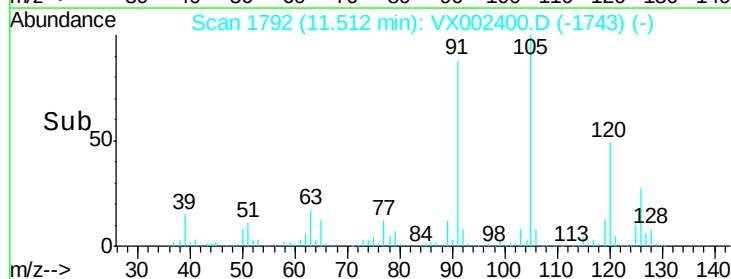
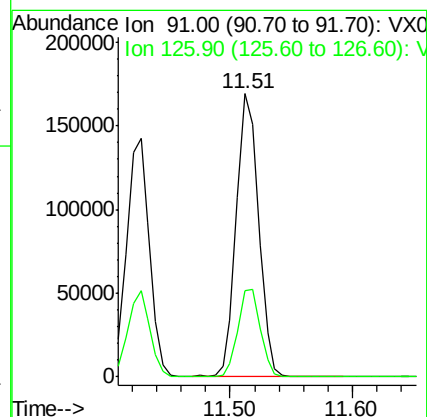
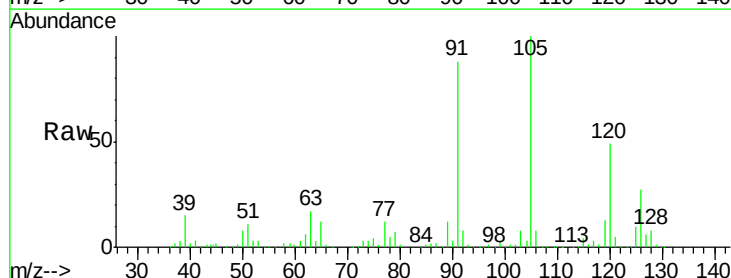
Acq: 08 Jun 2018 14:30

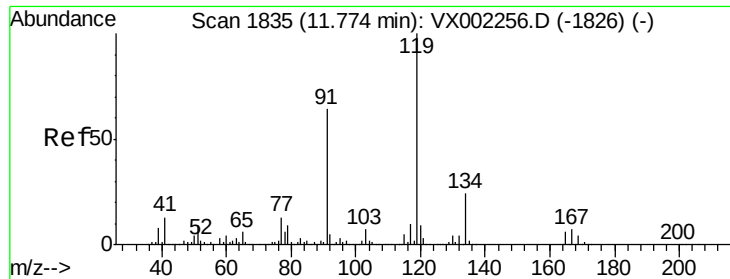
Tgt Ion: 91 Resp: 212011

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4

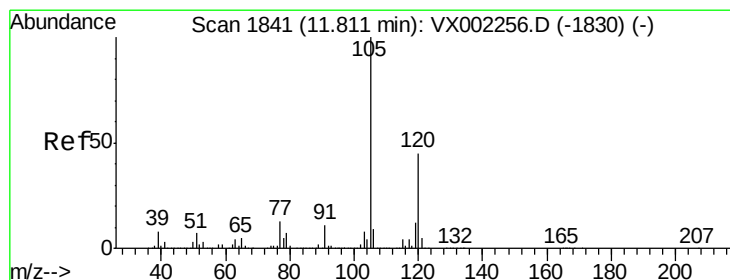
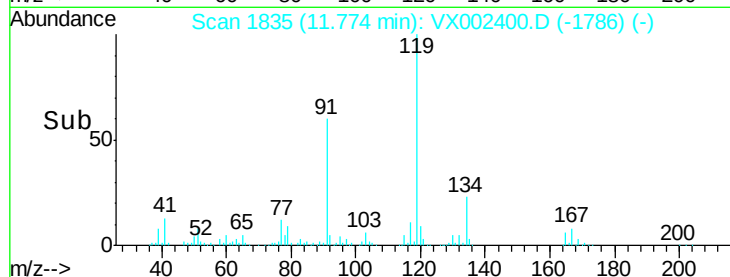
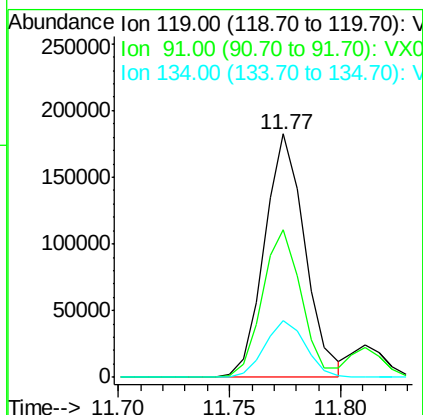
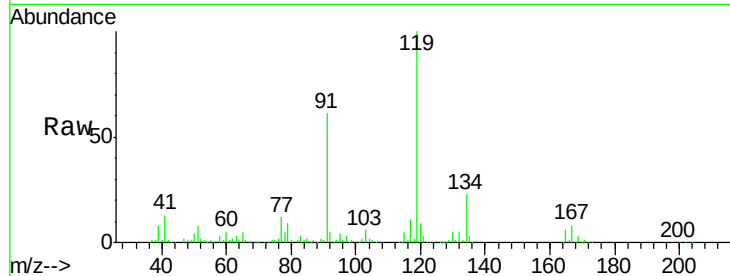




#83
 tert-Butylbenzene
 Concen: 20.44 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

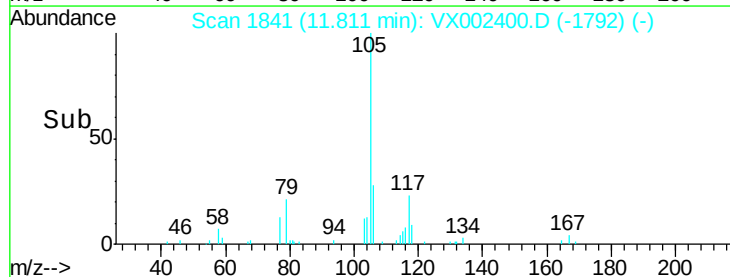
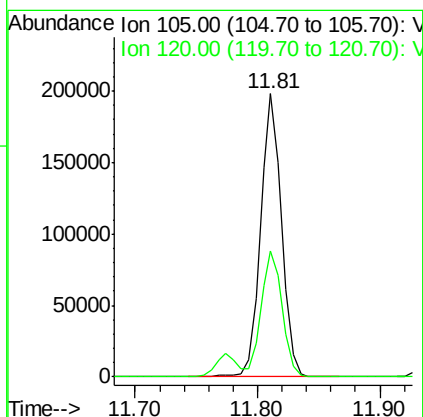
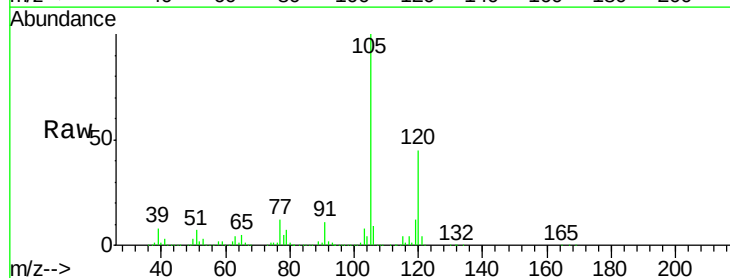
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

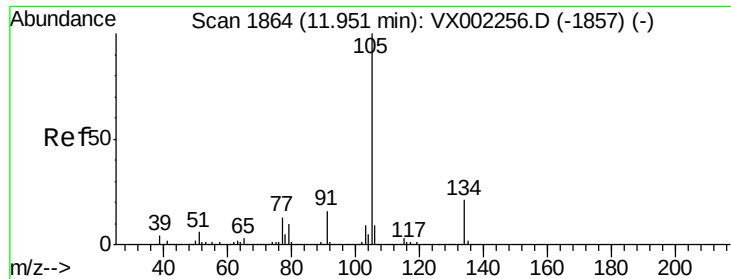
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.4	30.3	90.9
134	23.6	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.90 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.3	66.8





#85

sec-Butylbenzene

Concen: 21.23 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

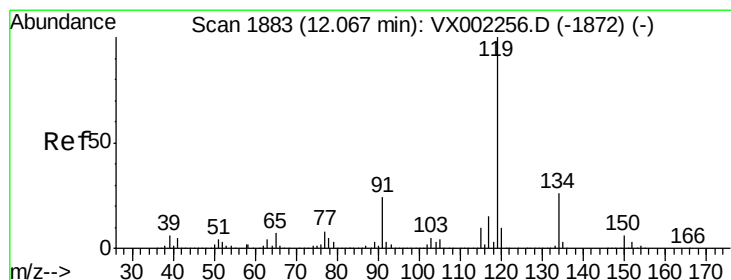
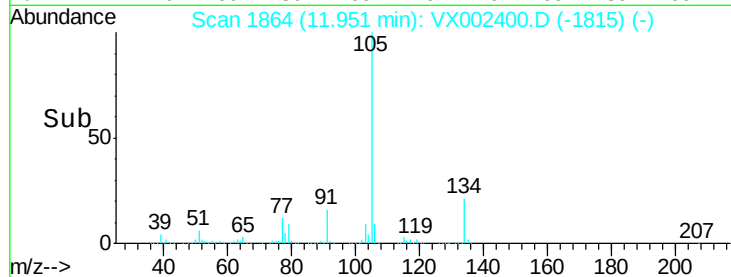
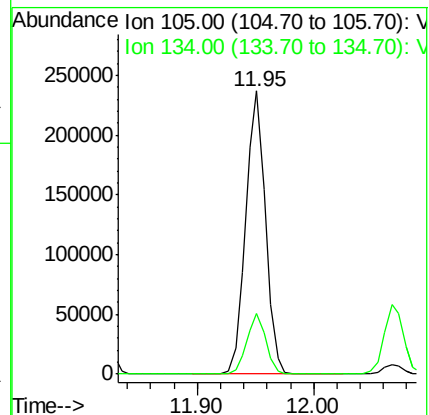
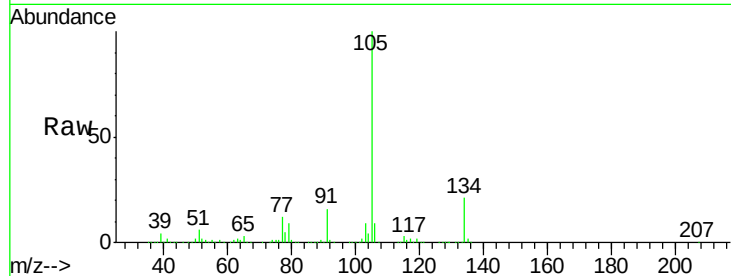
VX0608WBSD02

Tot Ion:105 Resp: 280118

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.89 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

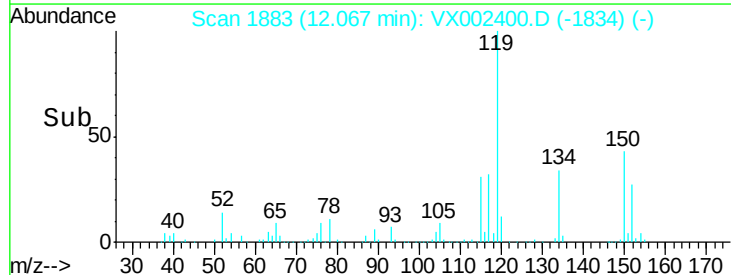
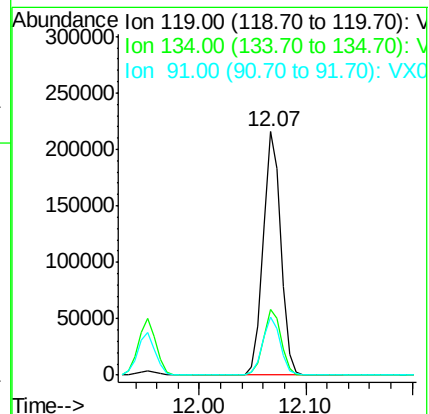
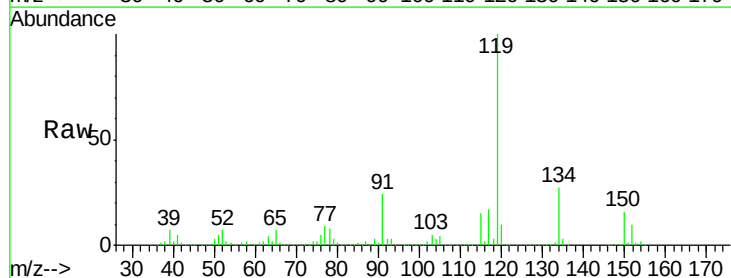
Tgt Ion:119 Resp: 251119

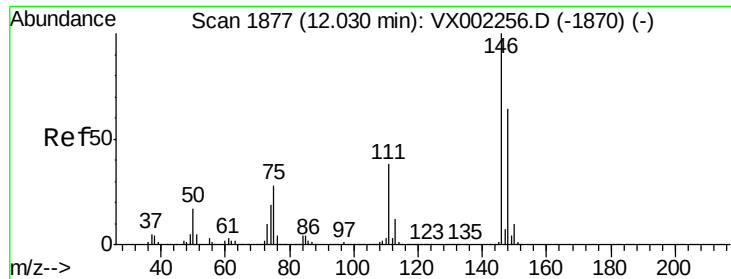
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 24.0 11.9 35.7

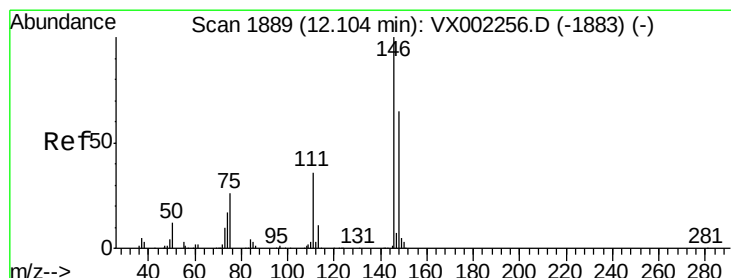
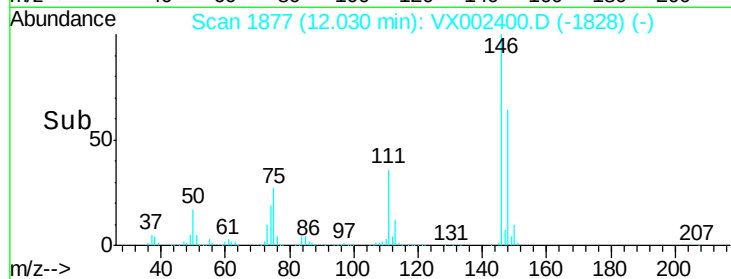
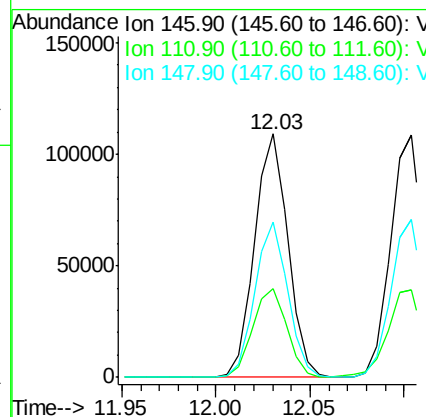
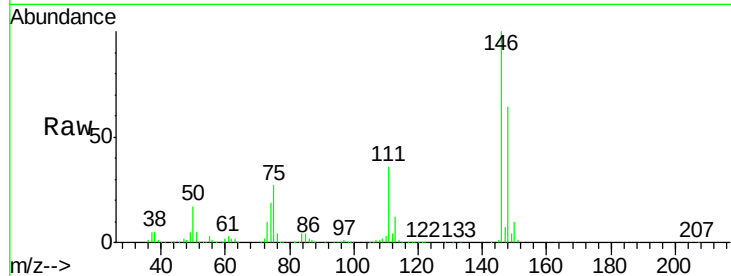




#87
 1,3-Dichlorobenzene
 Concen: 19.77 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

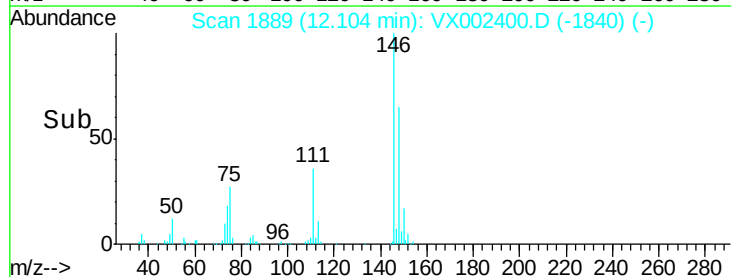
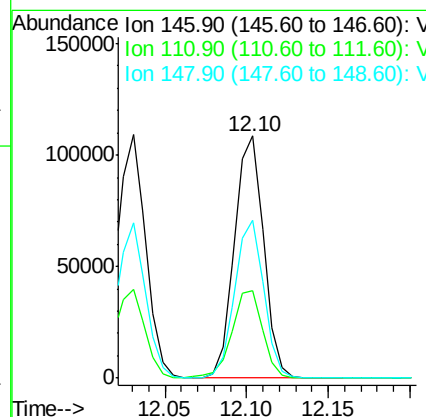
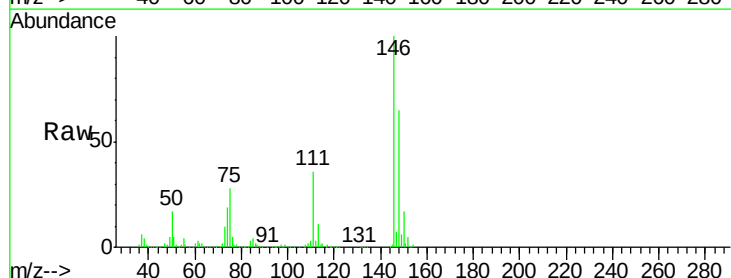
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

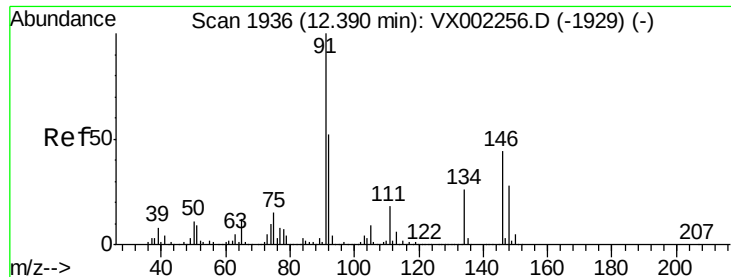
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	62.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.39 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.7	56.1
148	65.3	32.4	97.0

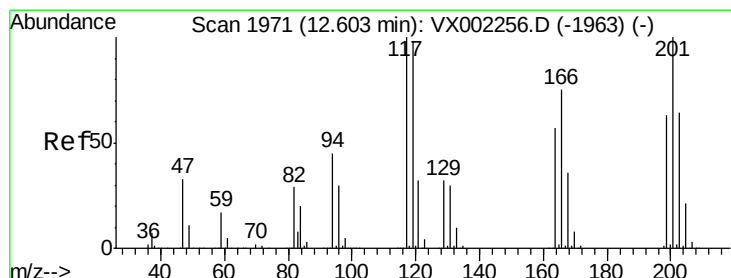
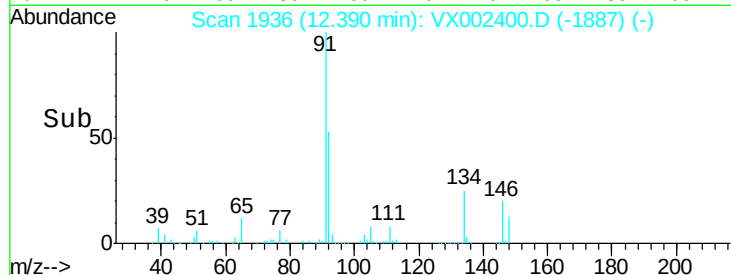
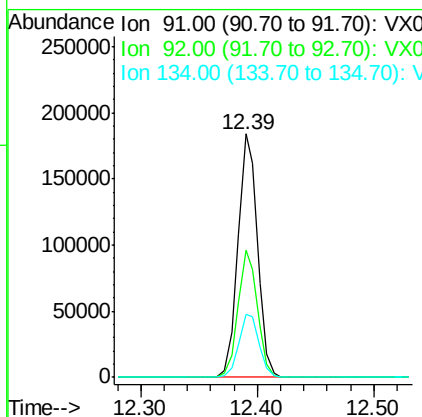
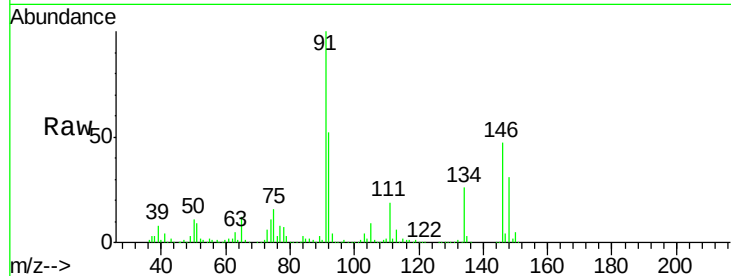




#89
n-Butylbenzene
Concen: 21.33 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

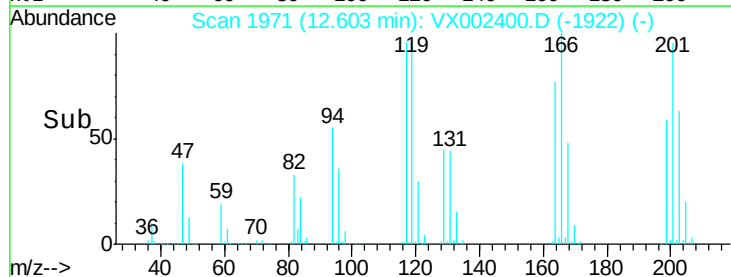
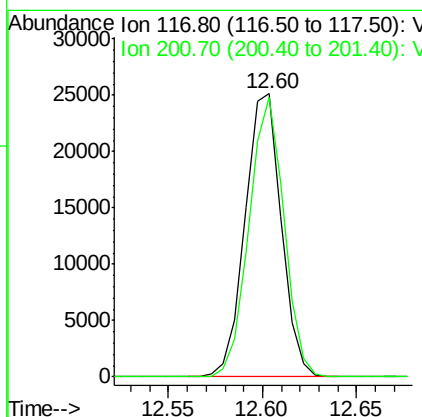
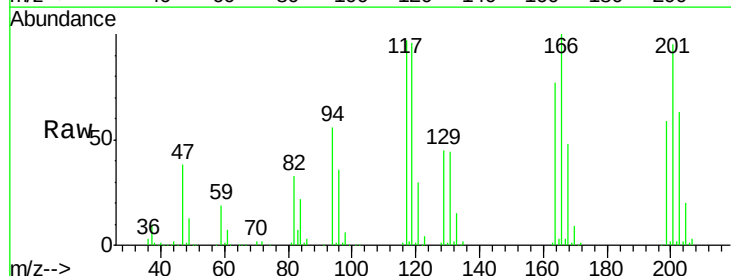
Instrument :
MSVOA_X
ClientSampleId :
VX0608WBSD02

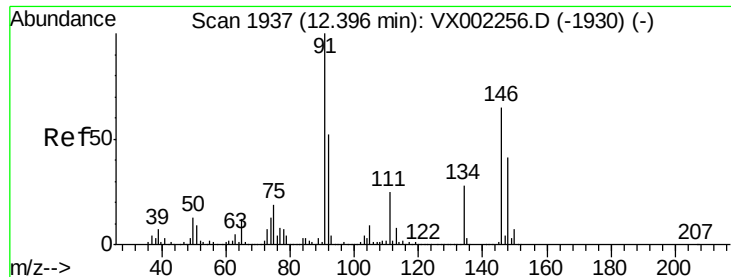
Tot Ion: 91 Resp: 215047
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 26.7 13.5 40.5



#90
Hexachloroethane
Concen: 17.45 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX002400.D
Acq: 08 Jun 2018 14:30

Tgt Ion: 117 Resp: 33483
Ion Ratio Lower Upper
117 100
201 95.2 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.67 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

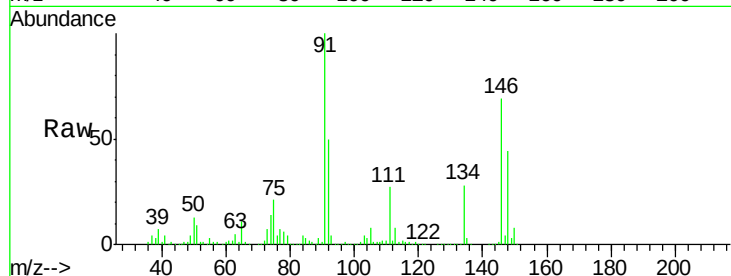
Tot Ion:146 Resp: 137670

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

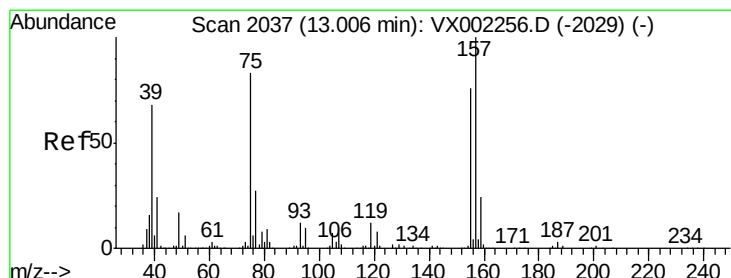
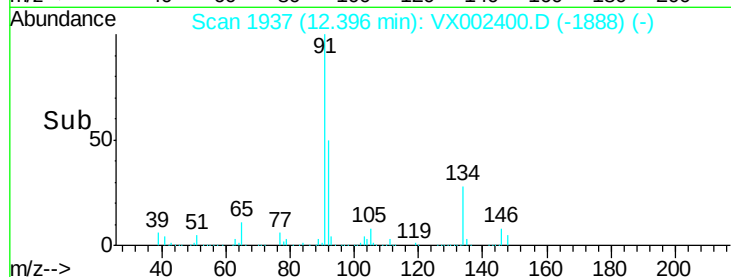
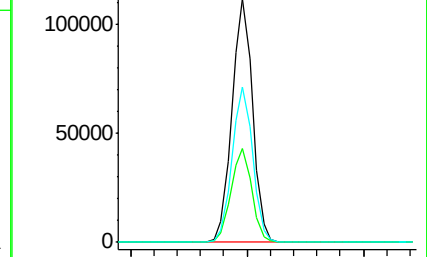
148 63.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.19 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

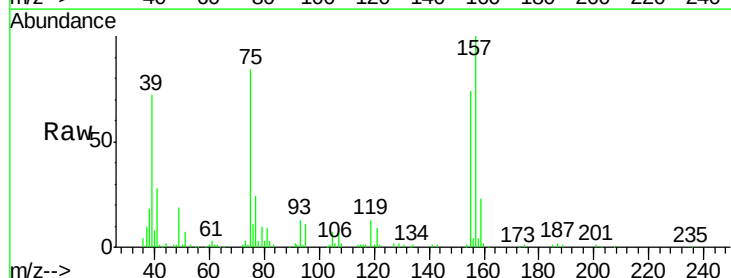
Tgt Ion: 75 Resp: 17783

Ion Ratio Lower Upper

75 100

155 88.5 45.8 137.4

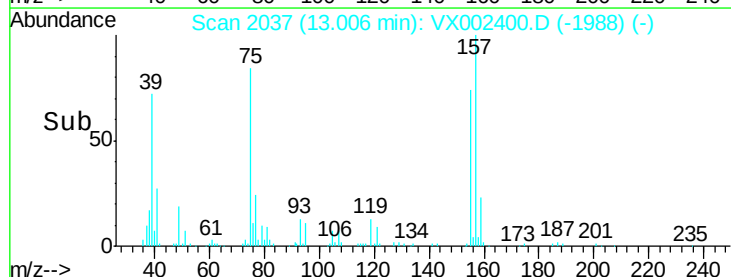
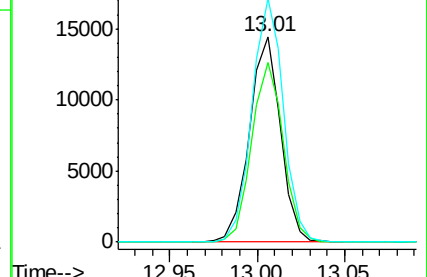
157 119.5 60.1 180.3

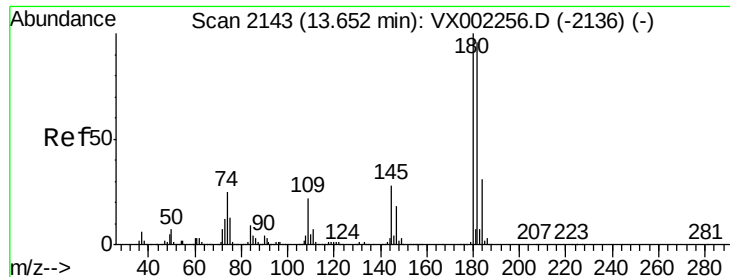


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

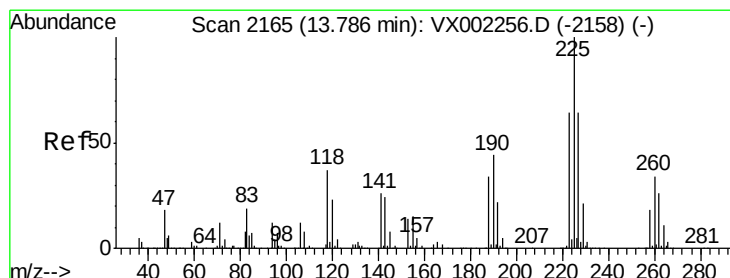
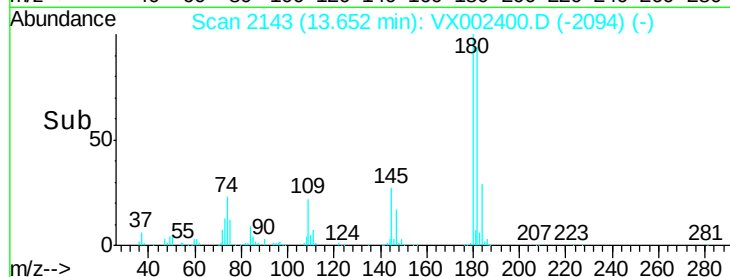
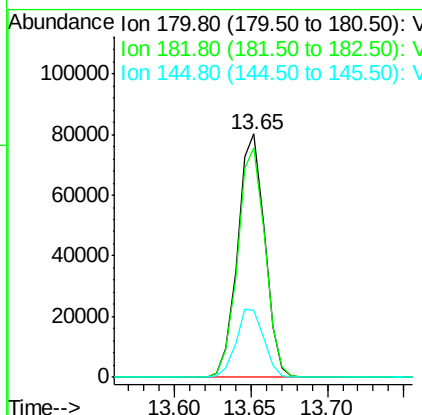
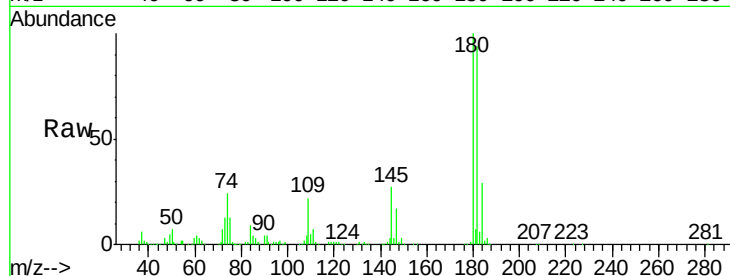




#93
 1,2,4-Trichlorobenzene
 Concen: 20.06 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

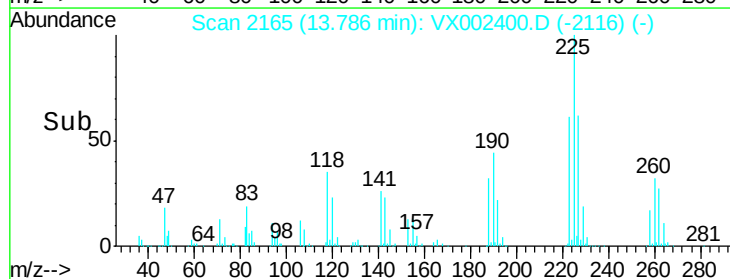
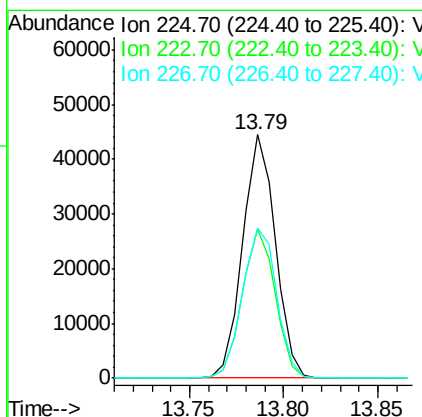
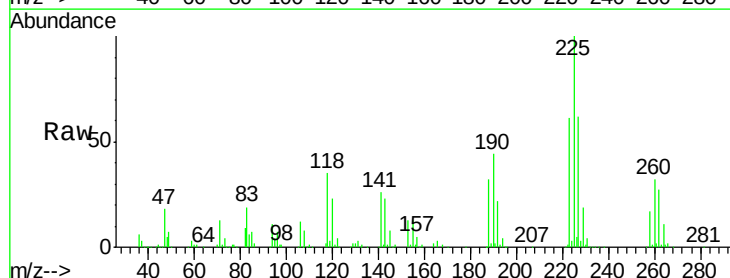
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD02

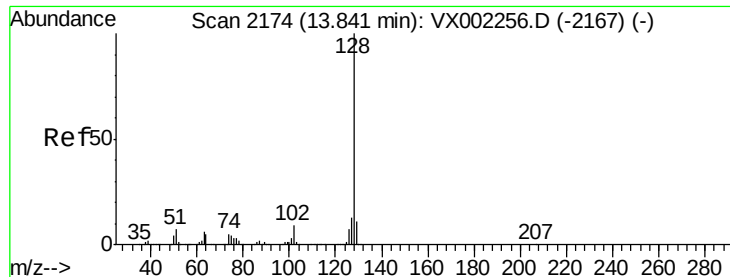
Tot Ion:180 Resp: 98475
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.7 143.1
 145 28.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 22.07 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002400.D
 Acq: 08 Jun 2018 14:30

Tgt Ion:225 Resp: 53534
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 95.0
 227 64.7 32.4 97.2





#95

Naphthalene

Concen: 20.46 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBSD02

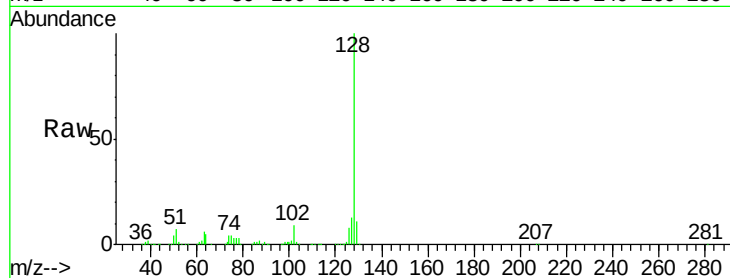
Tot Ion:128 Resp: 288555

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.6 13.0

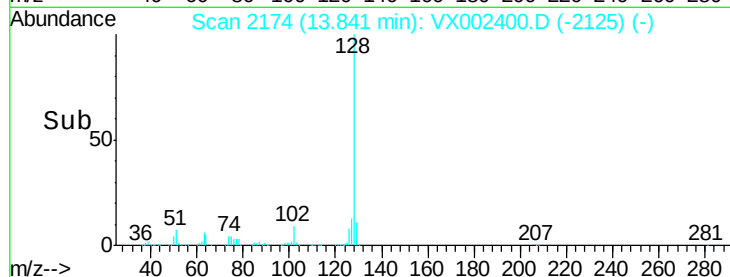


Abundance Ion 128.00 (127.70 to 128.70): V

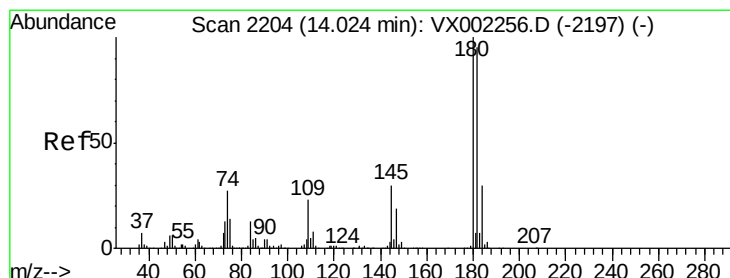
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

Time--> 13.75 13.80 13.85 13.90



Time--> 13.75 13.80 13.85 13.90



#96

1,2,3-Trichlorobenzene

Concen: 20.74 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002400.D

Acq: 08 Jun 2018 14:30

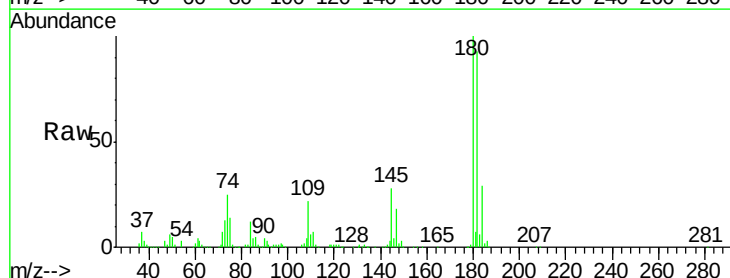
Tgt Ion:180 Resp: 103831

Ion Ratio Lower Upper

180 100

182 94.5 48.0 144.0

145 29.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

Time--> 13.95 14.00 14.05 14.10

