

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060718\
 Data File : VX002380.D
 Acq On : 07 Jun 2018 16:20
 Operator : JC/MD
 Sample : VX0607MBS01
 Misc : 5.0µl/10mL/100µL/5mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Quant Time: Jun 07 16:47:34 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	260147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378067	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	220519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	178377	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
35) Dibromofluoromethane	5.51	113	136496	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
50) Toluene-d8	8.72	98	531937	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
62) 4-Bromofluorobenzene	11.14	95	194137	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54683	20.221	ug/l	97
3) Chloromethane	1.32	50	62784	18.450	ug/l	98
4) Vinyl Chloride	1.40	62	69744	20.463	ug/l	99
5) Bromomethane	1.64	94	40988	19.194	ug/l	99
6) Chloroethane	1.73	64	46057	20.890	ug/l	97
7) Trichlorofluoromethane	1.93	101	115510	22.244	ug/l	99
8) Diethyl Ether	2.19	74	41082	20.866	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	65679	23.437	ug/l	99
10) Methyl Iodide	2.51	142	65079	16.511	ug/l	99
11) Tert butyl alcohol	3.07	59	82394	95.867	ug/l	99
12) 1,1-Dichloroethene	2.38	96	57614	20.803	ug/l	99
13) Acrolein	2.30	56	29516	73.001	ug/l	100
14) Allyl chloride	2.73	41	114117	18.987	ug/l	98
15) Acrylonitrile	3.15	53	174776	104.762	ug/l	100
16) Acetone	2.45	43	198855	113.849	ug/l	100
17) Carbon Disulfide	2.57	76	122878	16.834	ug/l	100
18) Methyl Acetate	2.78	43	84671	21.163	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	219589	21.402	ug/l	99
20) Methylene Chloride	2.86	84	65829	20.764	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	60884	19.936	ug/l	100
22) Diisopropyl ether	3.87	45	201800	19.182	ug/l	95
23) Vinyl Acetate	3.83	43	853148	87.565	ug/l	100
24) 1,1-Dichloroethane	3.70	63	120314	20.254	ug/l	98
25) 2-Butanone	4.71	43	238805	93.622	ug/l	99
26) 2,2-Dichloropropane	4.59	77	82378	17.741	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60932	18.346	ug/l	99
28) Bromochloromethane	5.03	49	57845	20.819	ug/l	99
29) Tetrahydrofuran	5.17	42	146450	89.051	ug/l	99
30) Chloroform	5.22	83	106468	18.574	ug/l	97
31) Cyclohexane	5.58	56	94702	20.161	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	92091	18.944	ug/l	99
36) 1,1-Dichloropropene	5.81	75	76248	19.184	ug/l	99
37) Ethyl Acetate	4.87	43	89734	18.773	ug/l	100
38) Carbon Tetrachloride	5.79	117	79803	19.193	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)
39) Methylcyclohexane	7.46	83	95829	19.676	ug/l	97
40) Benzene	6.15	78	232771	19.100	ug/l	100
41) Methacrylonitrile	5.07	41	51498	18.821	ug/l	99
42) 1,2-Dichloroethane	6.20	62	94127	19.440	ug/l	100
43) Isopropyl Acetate	6.47	43	147060	18.114	ug/l	99
44) Trichloroethene	7.22	130	65305	19.308	ug/l	100
45) 1,2-Dichloropropane	7.52	63	63231	19.219	ug/l	98
46) Dibromomethane	7.67	93	41852	18.765	ug/l	97
47) Bromodichloromethane	7.90	83	72725	18.029	ug/l	99
48) Methyl methacrylate	7.78	41	76374	18.728	ug/l	99
49) 1,4-Dioxane	7.76	88	28733	376.825	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	485137	95.956	ug/l	100
52) Toluene	8.79	92	150439	19.409	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	87506	18.090	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	78617	17.226	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	61720	19.361	ug/l	100
56) Ethyl methacrylate	9.19	69	95281	18.721	ug/l	99
57) 1,3-Dichloropropane	9.38	76	102976	19.255	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	230443	97.826	ug/l	100
59) 2-Hexanone	9.50	43	379736	97.240	ug/l	100
60) Dibromochloromethane	9.59	129	57510	17.935	ug/l	99
61) 1,2-Dibromoethane	9.68	107	63678	19.157	ug/l	99
64) Tetrachloroethene	9.34	164	71040	19.249	ug/l	99
65) Chlorobenzene	10.14	112	172990	19.428	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	59846	18.562	ug/l	99
67) Ethyl Benzene	10.26	91	301629	20.242	ug/l	99
68) m/p-Xylenes	10.36	106	230117	39.727	ug/l	99
69) o-Xylene	10.70	106	114368	19.840	ug/l	98
70) Styrene	10.71	104	184689	19.599	ug/l	100
71) Bromoform	10.86	173	41042	16.688	ug/l #	98
73) Isopropylbenzene	11.02	105	310732	20.256	ug/l	100
74) N-amyl acetate	6.47	43	147060	17.791	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91423	18.949	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100227	20.713	ug/l	82
77) Bromobenzene	11.26	156	82535	19.165	ug/l	98
78) n-propylbenzene	11.37	91	349786	20.515	ug/l	100
79) 2-Chlorotoluene	11.43	91	208353	19.353	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	258417	19.640	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21242	15.388	ug/l	89
82) 4-Chlorotoluene	11.51	91	241314	19.419	ug/l	99
83) tert-Butylbenzene	11.77	119	258753	20.195	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	268781	19.844	ug/l	99
85) sec-Butylbenzene	11.95	105	317730	21.153	ug/l	100
86) p-Isopropyltoluene	12.07	119	284021	20.759	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	149432	19.406	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150392	18.948	ug/l	100
89) n-Butylbenzene	12.39	91	239230	20.848	ug/l	99
90) Hexachloroethane	12.60	117	37164	17.016	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	152705	19.167	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18548	17.580	ug/l	98

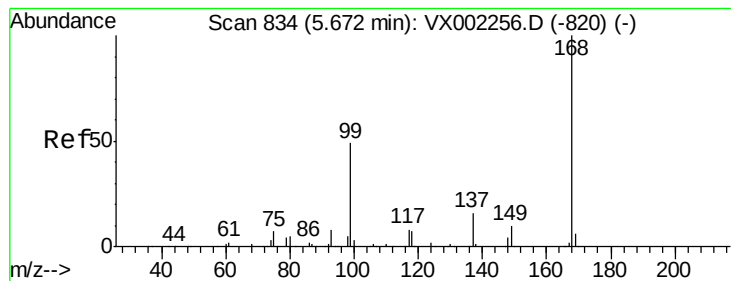
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106348	19.037	ug/l	100
94) Hexachlorobutadiene	13.79	225	57327	20.766	ug/l	99
95) Naphthalene	13.84	128	317571	19.785	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110496	19.394	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

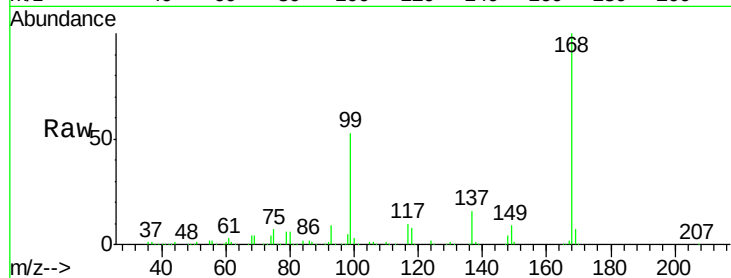
VX0607MBS01

Tot Ion:168 Resp: 260147

Ion Ratio Lower Upper

168 100

99 52.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

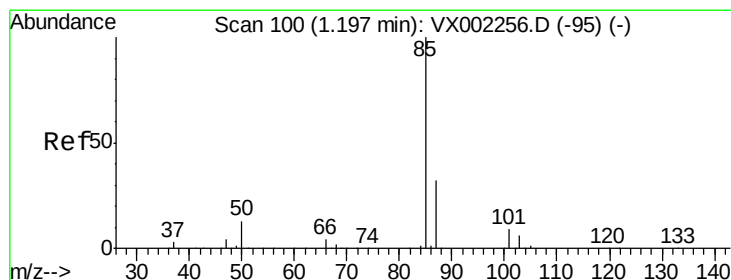
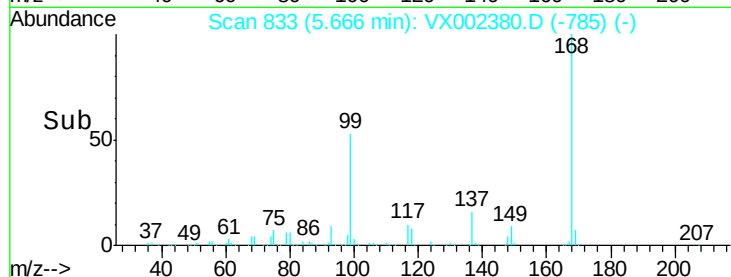
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.221 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002380.D

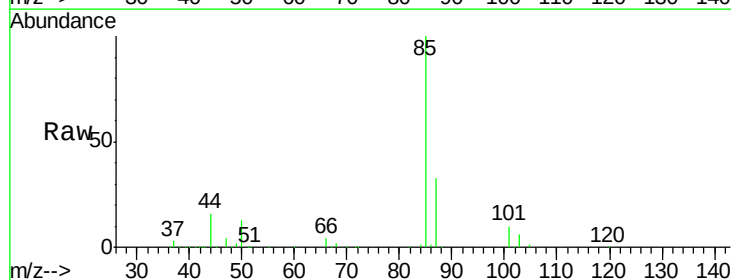
Acq: 07 Jun 2018 16:20

Tgt Ion: 85 Resp: 54683

Ion Ratio Lower Upper

85 100

87 33.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

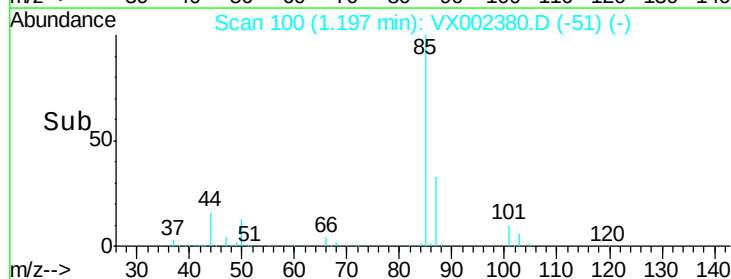
30000

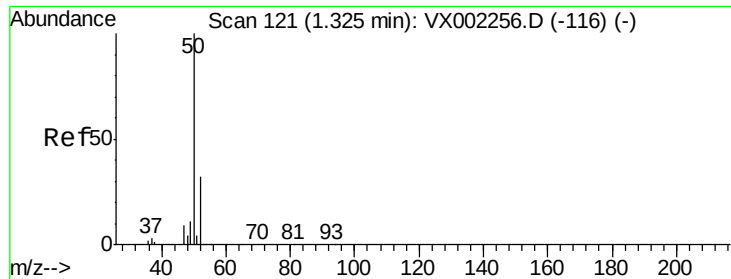
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.450 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

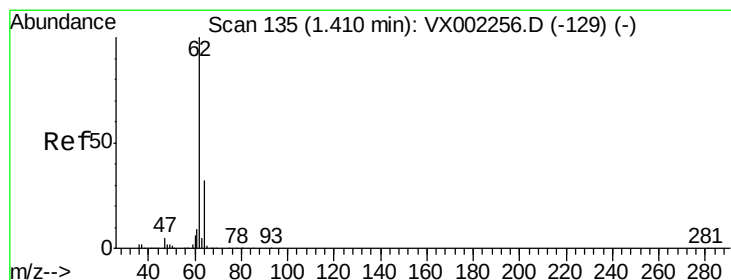
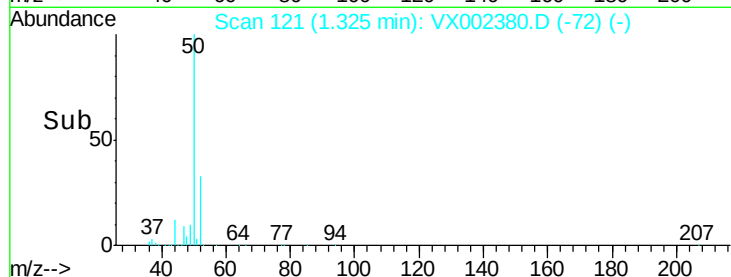
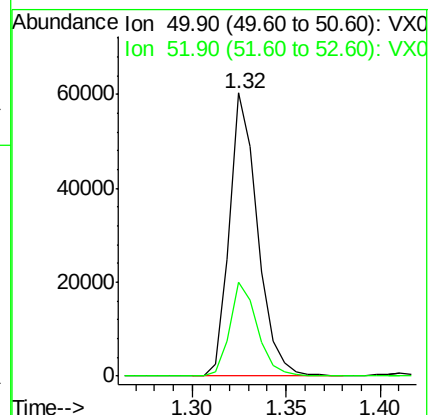
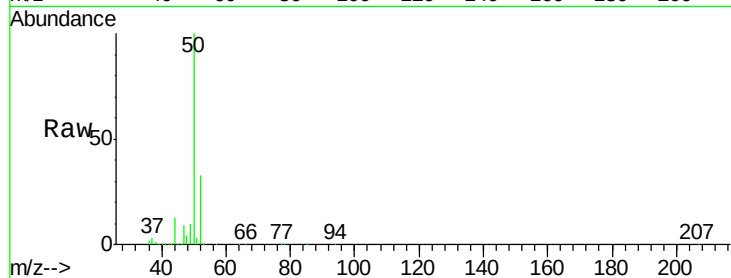
VX0607MBS01

Tot Ion: 50 Resp: 62784

Ion Ratio Lower Upper

50 100

52 33.1 25.7 38.5



#4

Vinyl Chloride

Concen: 20.463 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002380.D

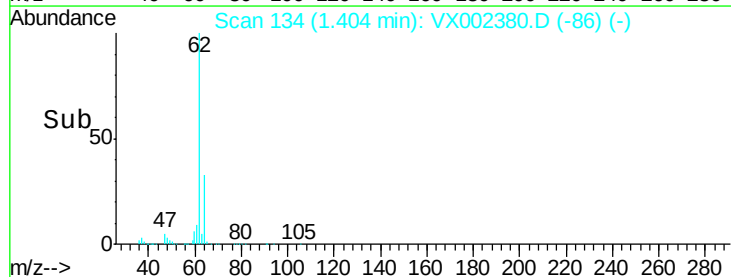
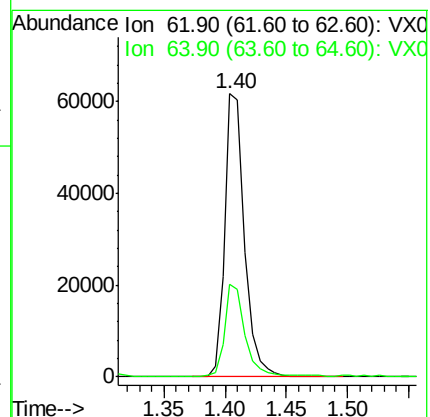
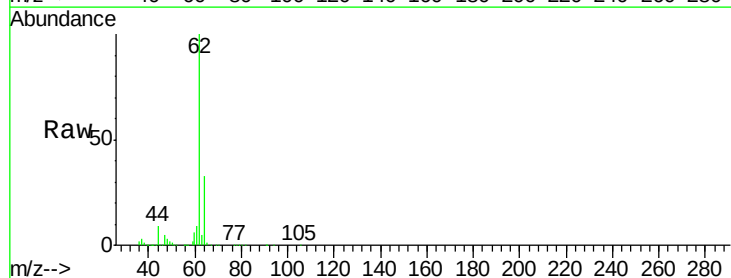
Acq: 07 Jun 2018 16:20

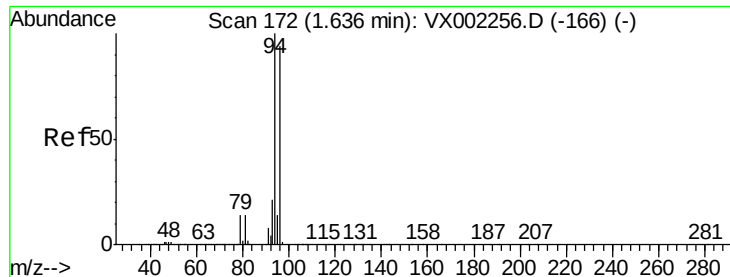
Tgt Ion: 62 Resp: 69744

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.2





#5

Bromomethane

Concen: 19.194 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

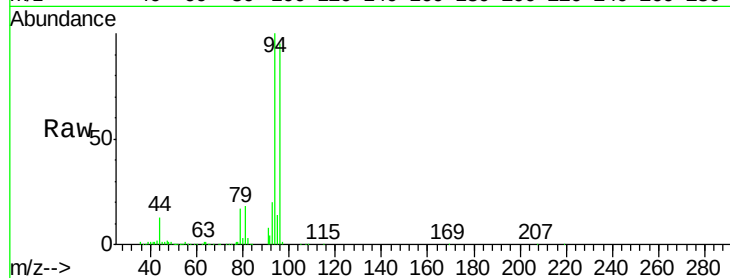
VX0607MBS01

Tot Ion: 94 Resp: 40988

Ion Ratio Lower Upper

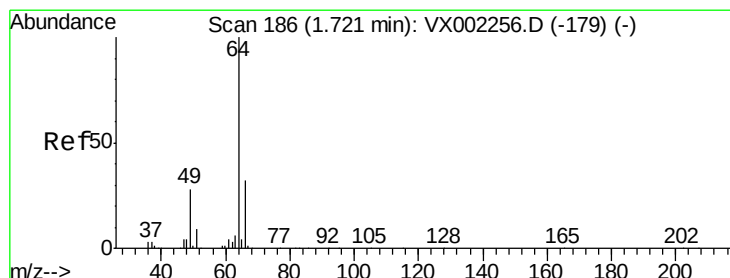
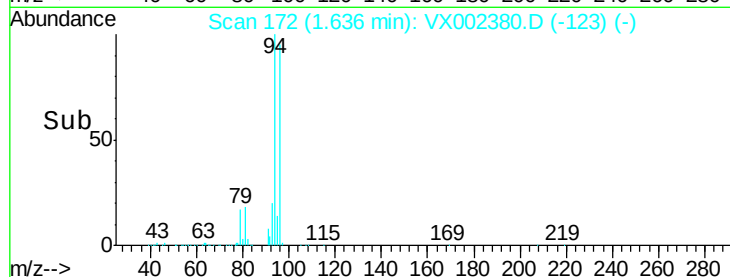
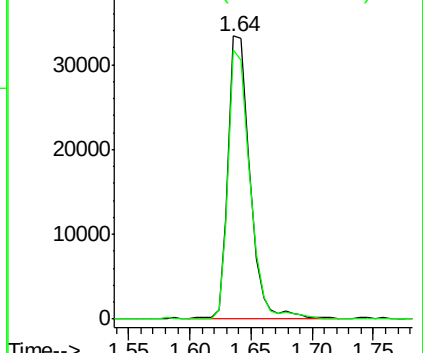
94 100

96 94.9 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: 20.890 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002380.D

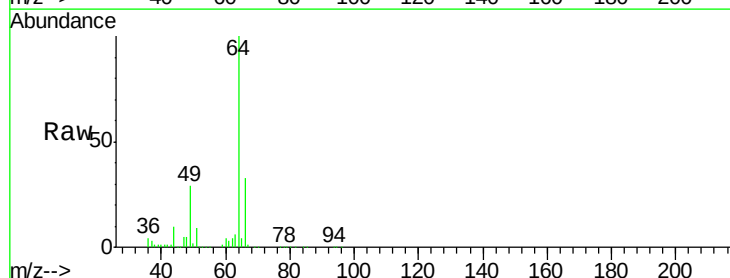
Acq: 07 Jun 2018 16:20

Tgt Ion: 64 Resp: 46057

Ion Ratio Lower Upper

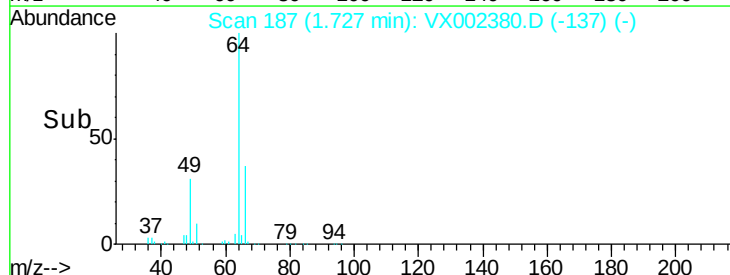
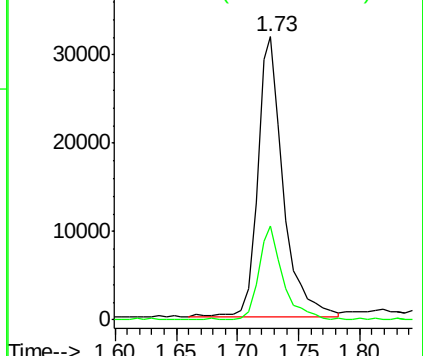
64 100

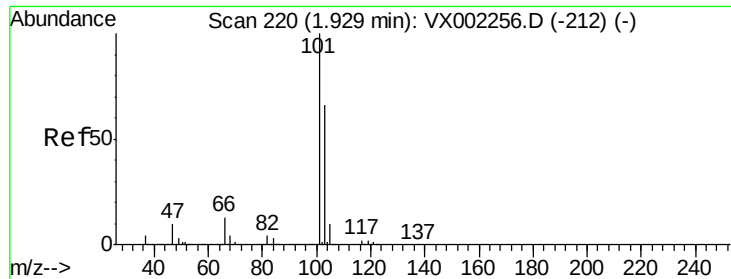
66 33.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



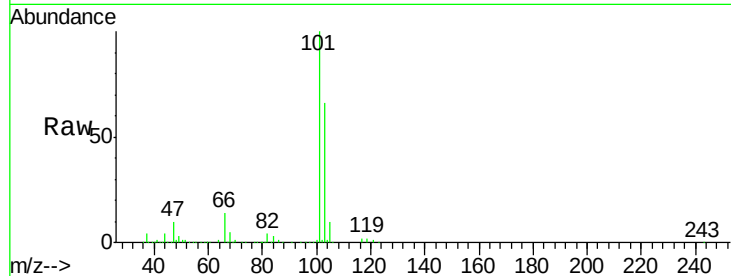


#7

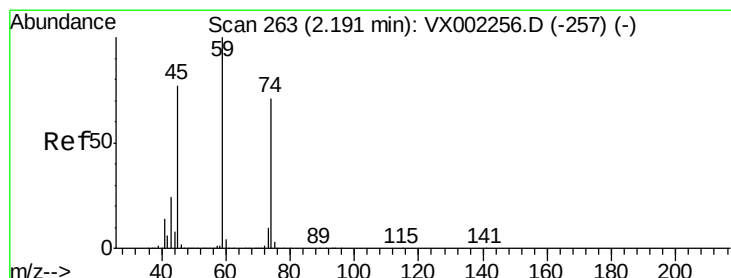
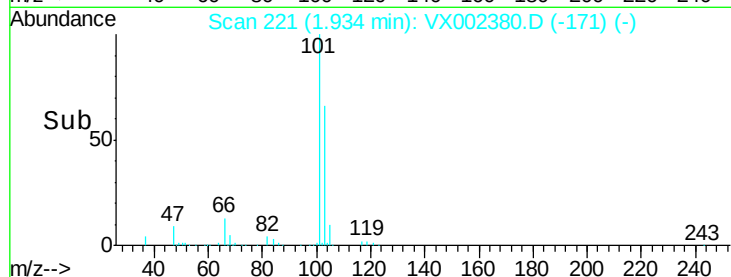
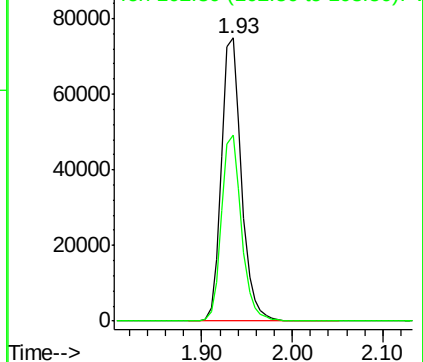
Trichlorofluoromethane
Concen: 22.244 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion:101 Resp: 115510
Ion Ratio Lower Upper
101 100
103 65.6 52.8 79.2



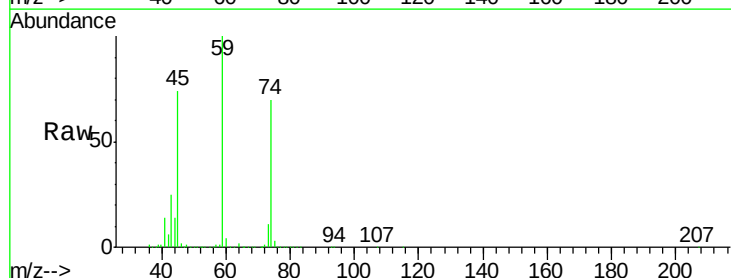
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



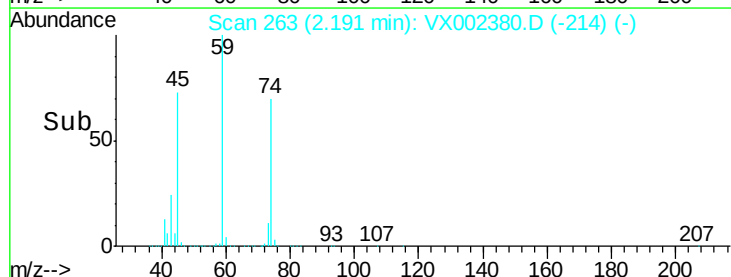
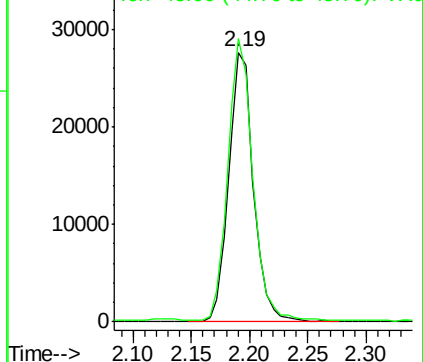
#8

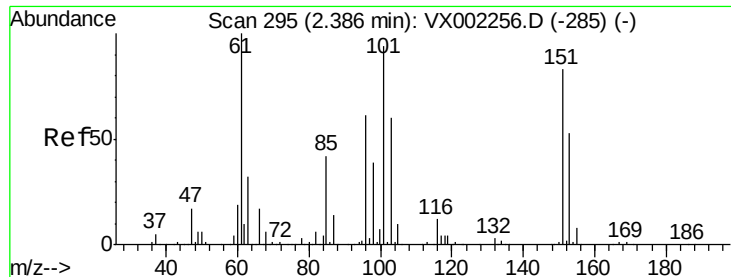
Diethyl Ether
Concen: 20.866 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Tgt Ion: 74 Resp: 41082
Ion Ratio Lower Upper
74 100
45 104.5 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: 23.437 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

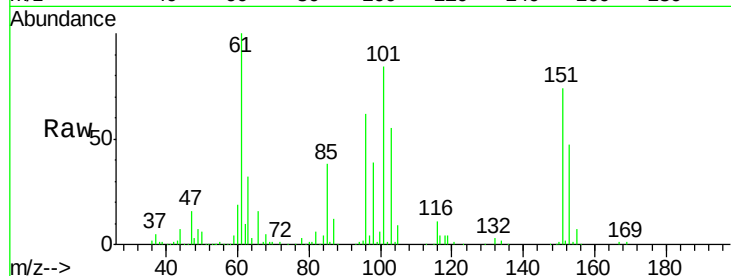
Tot Ion:101 Resp: 65679

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

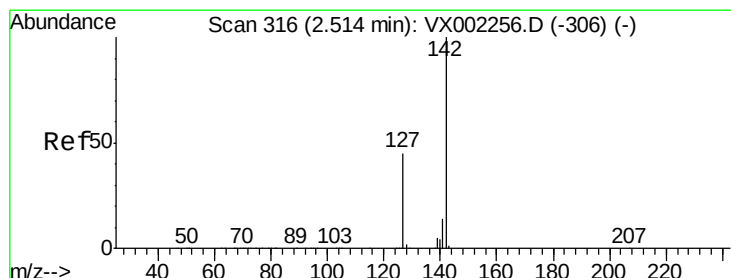
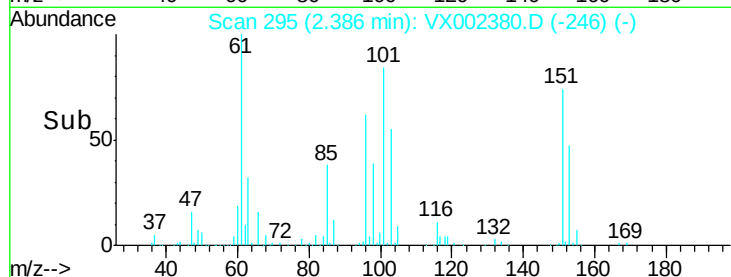
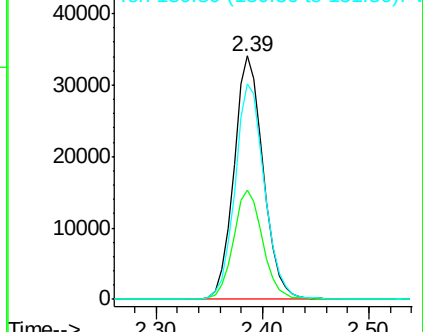
151 89.4 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.511 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

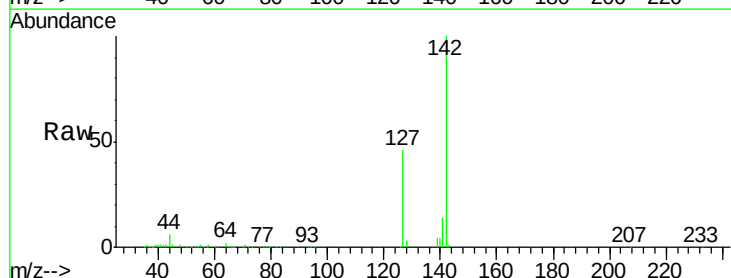
Tgt Ion:142 Resp: 65079

Ion Ratio Lower Upper

142 100

127 46.4 36.6 55.0

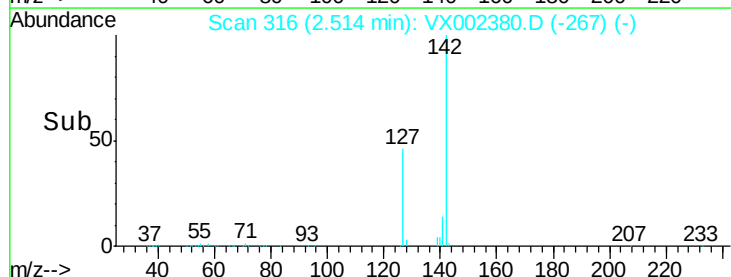
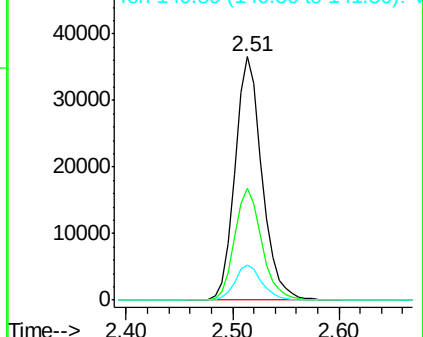
141 14.4 11.3 16.9

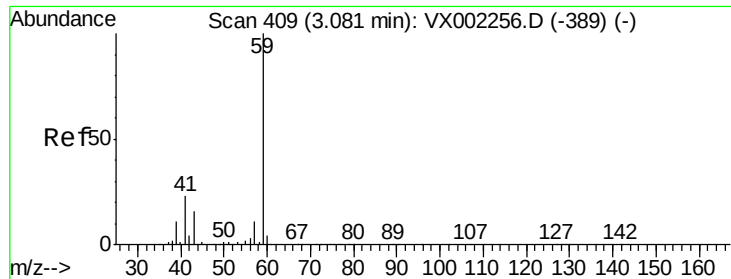


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



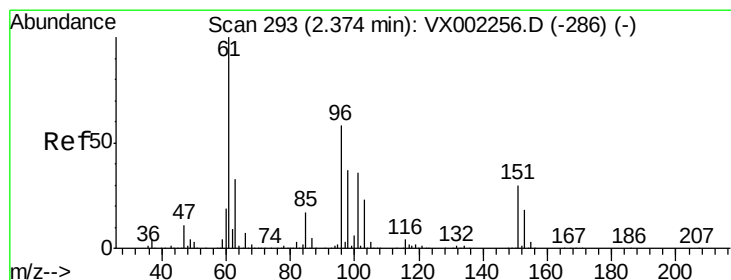
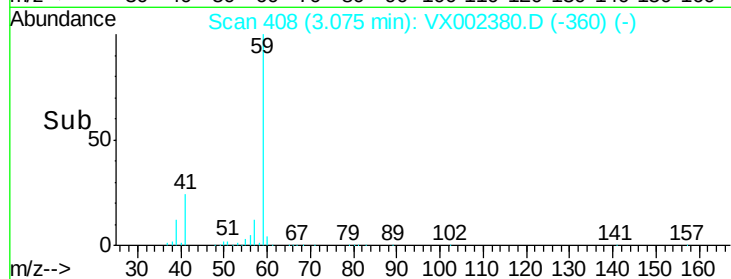
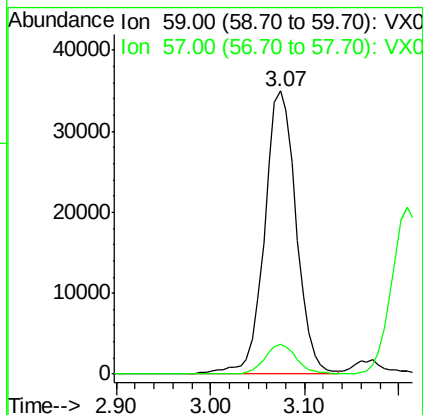
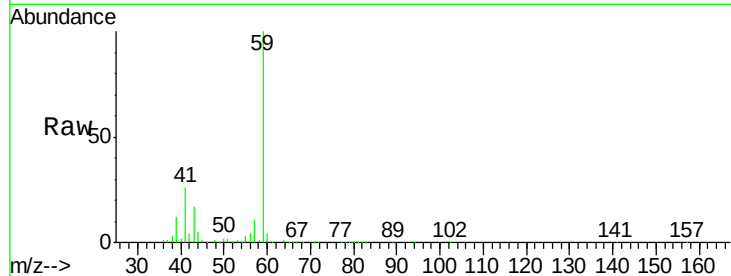


#11

Tert butyl alcohol
 Concen: 95.867 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

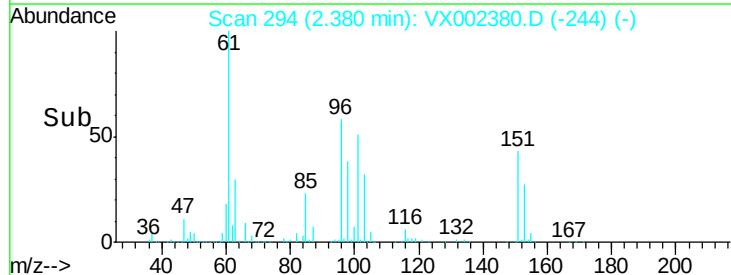
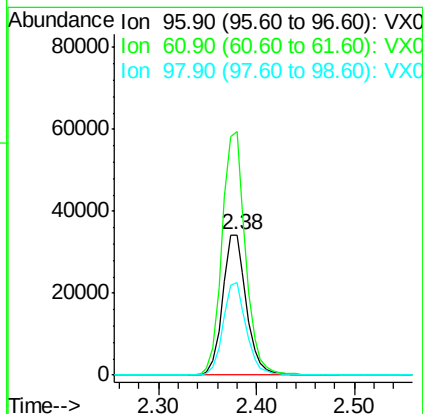
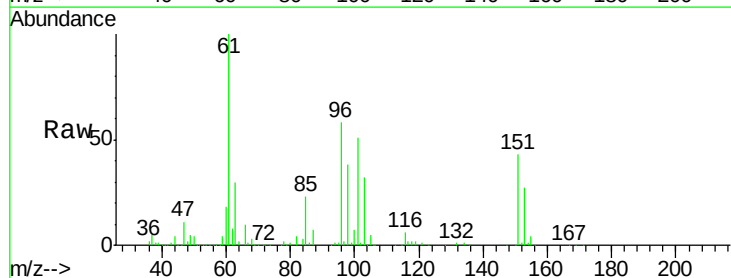
Tot Ion: 59 Resp: 82394
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

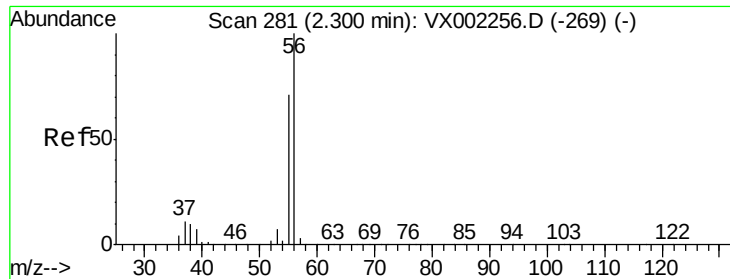


#12

1,1-Dichloroethene
 Concen: 20.803 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Tgt Ion: 96 Resp: 57614
 Ion Ratio Lower Upper
 96 100
 61 173.6 137.9 206.9
 98 66.3 51.6 77.4





#13

Acrolein

Concen: 73.001 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

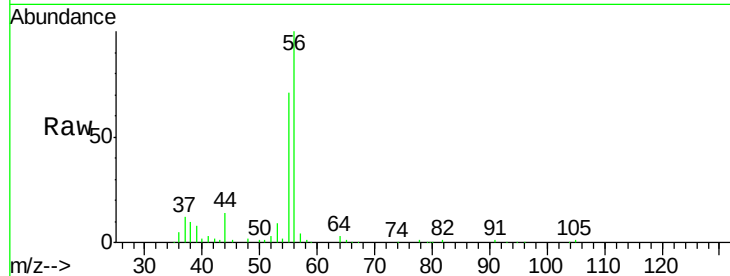
VX0607MBS01

Tot Ion: 56 Resp: 29516

Ion Ratio Lower Upper

56 100

55 71.4 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

20000

15000

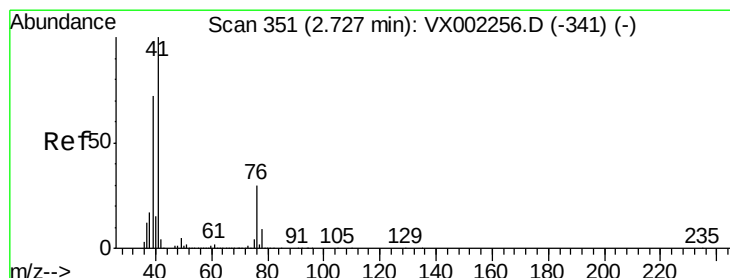
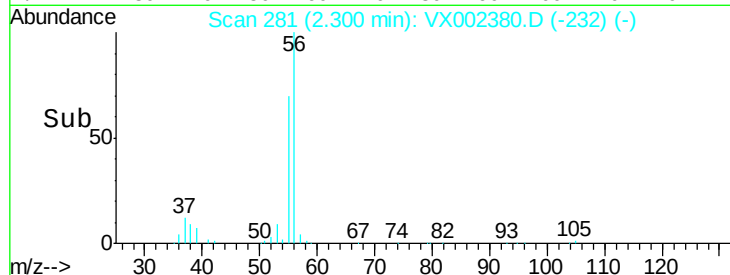
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 18.987 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

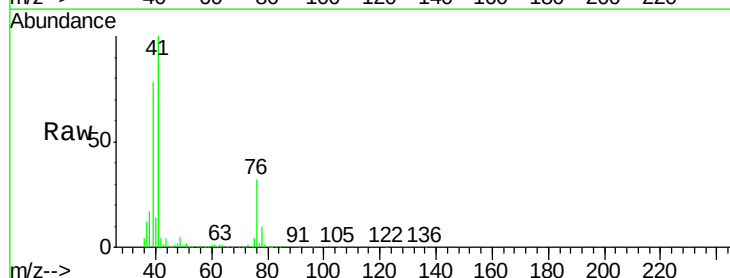
Tgt Ion: 41 Resp: 114117

Ion Ratio Lower Upper

41 100

39 73.5 56.8 85.2

76 30.0 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

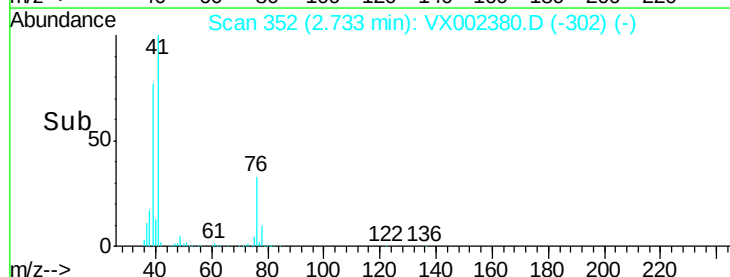
40000

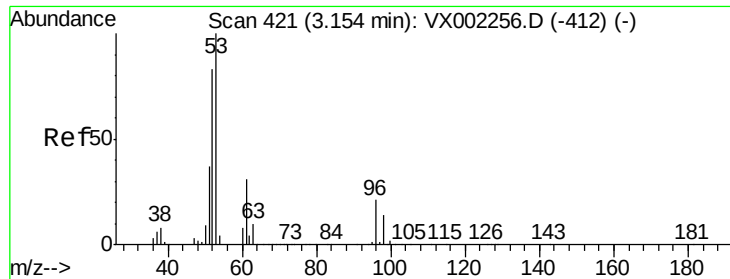
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 104.762 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0607MBS01

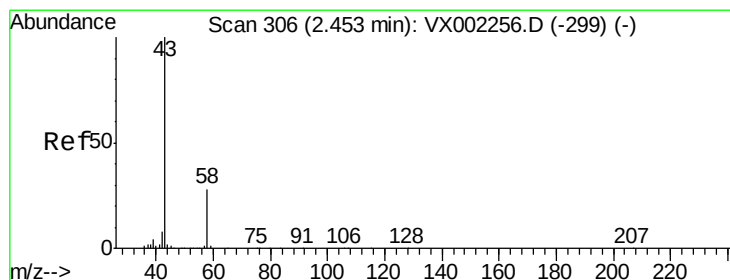
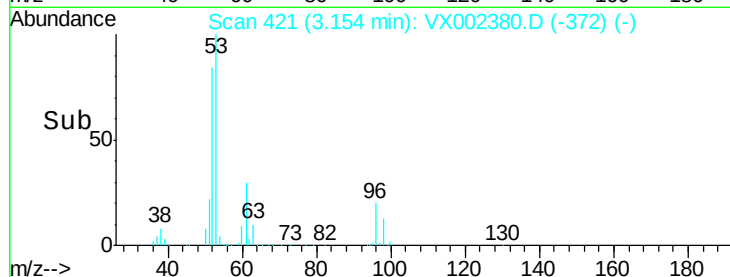
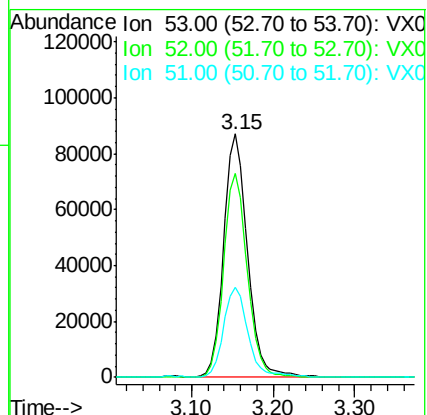
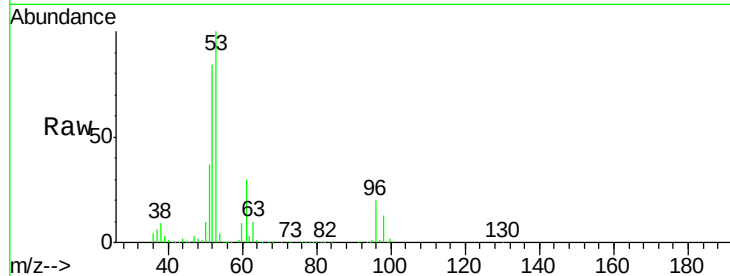
Tot Ion: 53 Resp: 174776

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

51 37.7 29.9 44.9



#16

Acetone

Concen: 113.849 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002380.D

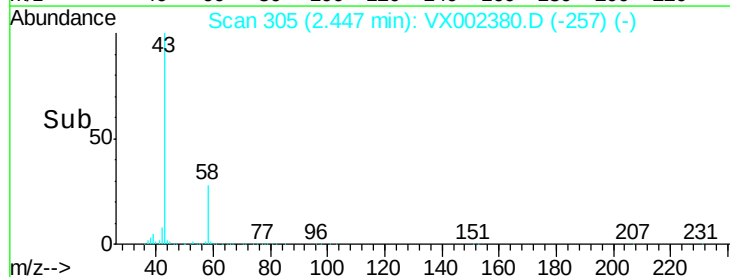
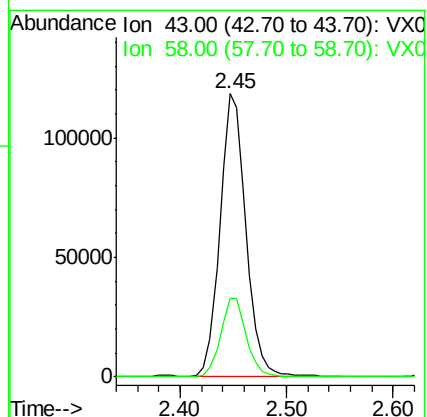
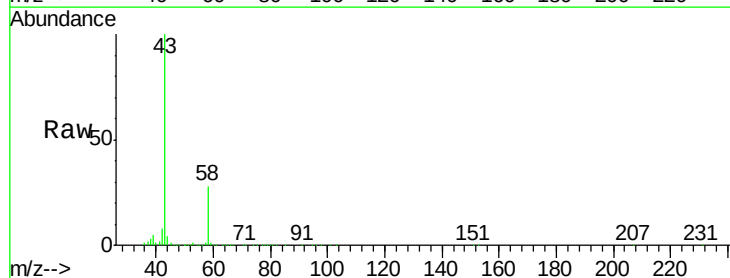
Acq: 07 Jun 2018 16:20

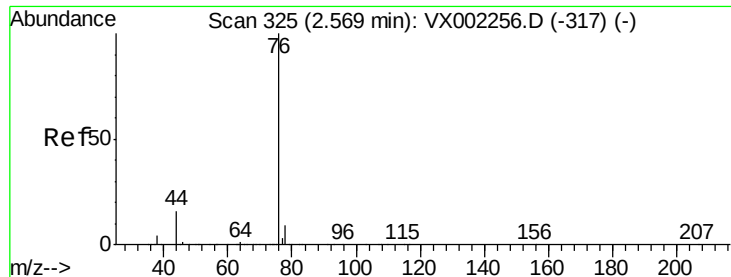
Tgt Ion: 43 Resp: 198855

Ion Ratio Lower Upper

43 100

58 27.8 22.1 33.1





#17

Carbon Disulfide

Concen: 16.834 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

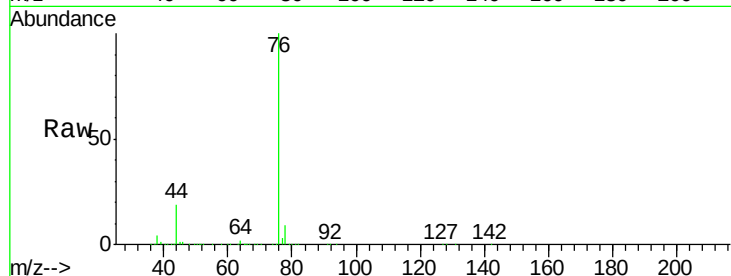
VX0607MBS01

Tot Ion: 76 Resp: 122878

Ion Ratio Lower Upper

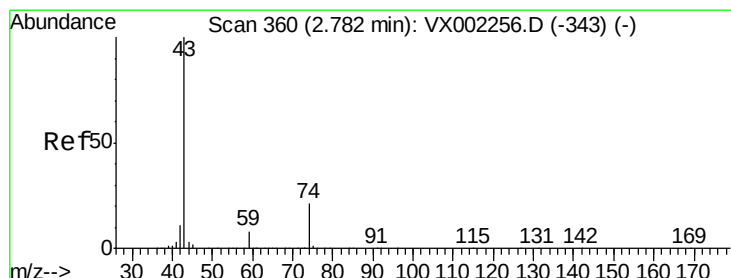
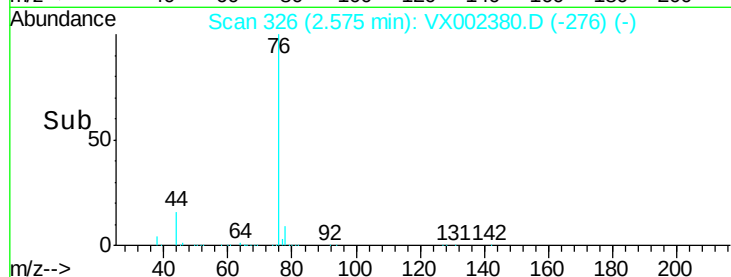
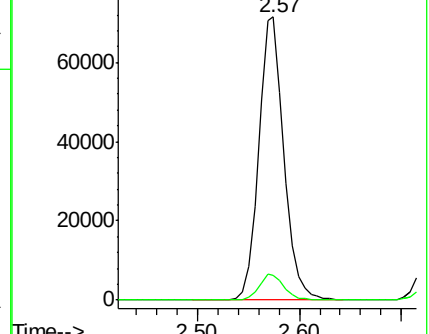
76 100

78 8.8 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.163 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002380.D

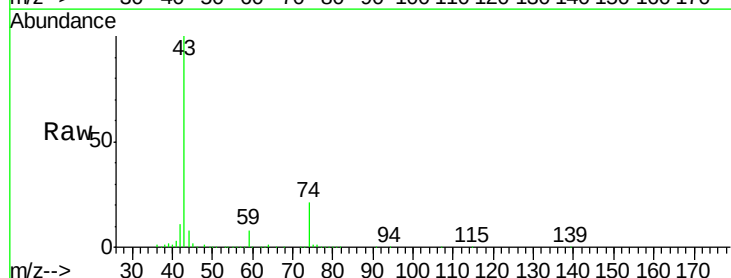
Acq: 07 Jun 2018 16:20

Tgt Ion: 43 Resp: 84671

Ion Ratio Lower Upper

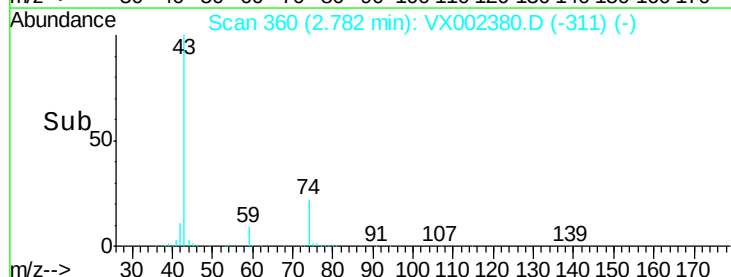
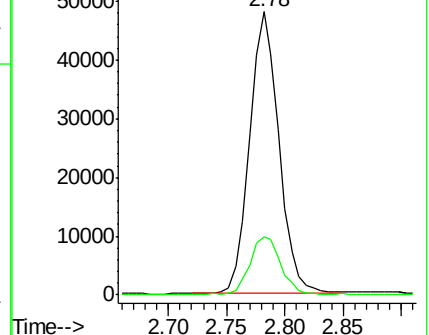
43 100

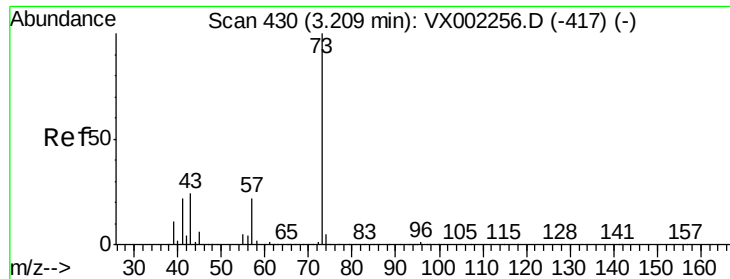
74 22.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



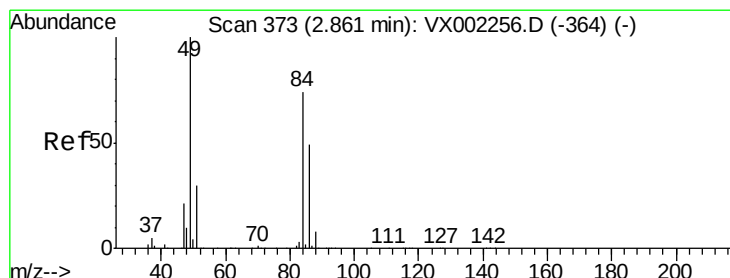
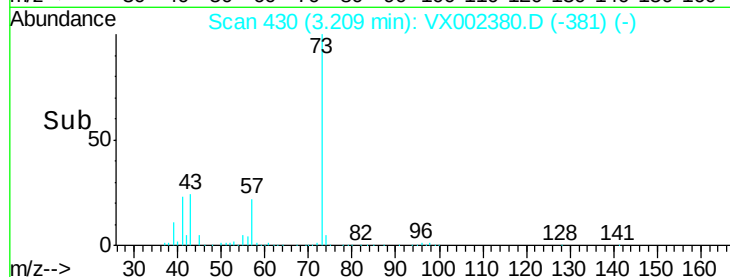
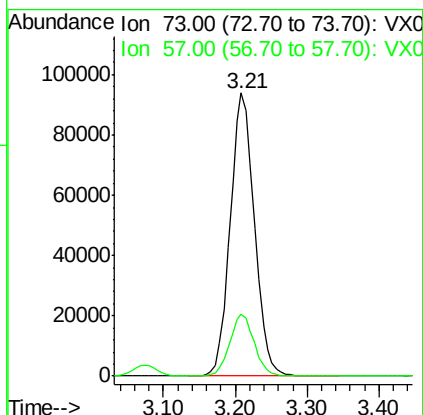
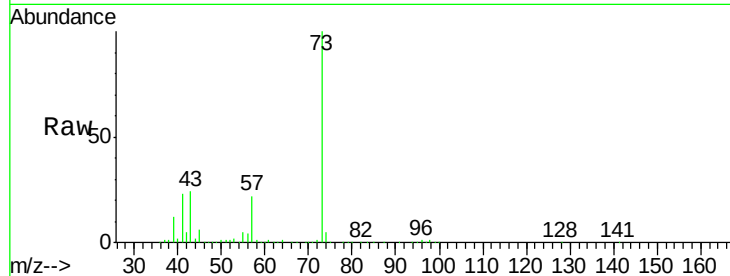


#19

Methyl tert-butyl Ether
 Concen: 21.402 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0607MBS01

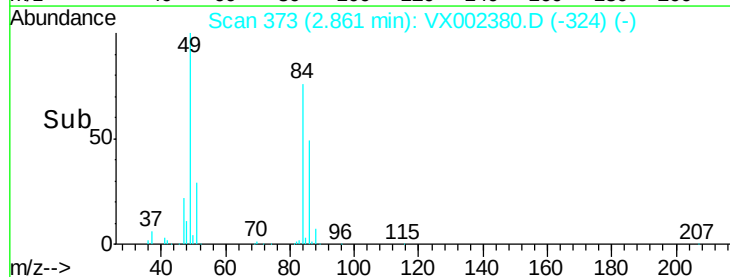
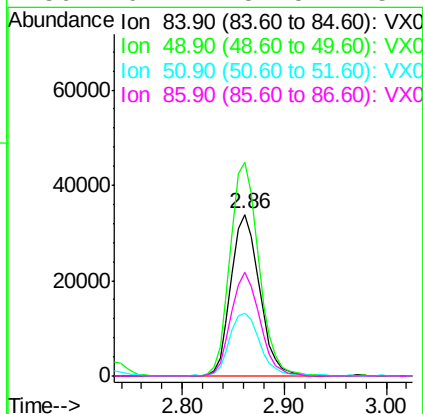
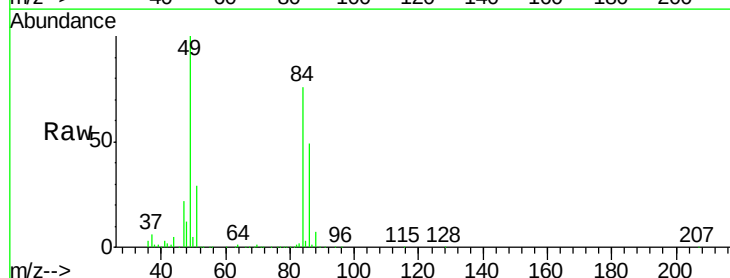
Tot Ion: 73 Resp: 219589
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.7 26.5

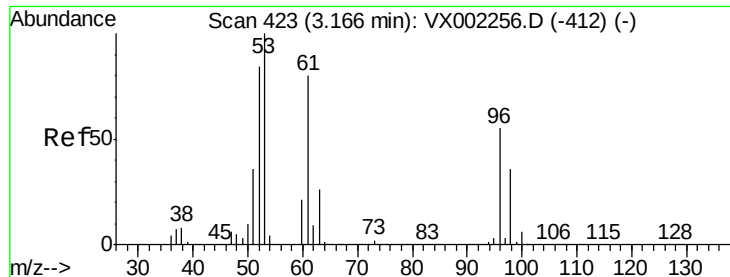


#20

Methylene Chloride
 Concen: 20.764 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Tgt Ion: 84 Resp: 65829
 Ion Ratio Lower Upper
 84 100
 49 132.2 107.8 161.6
 51 38.3 32.8 49.2
 86 64.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.936 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

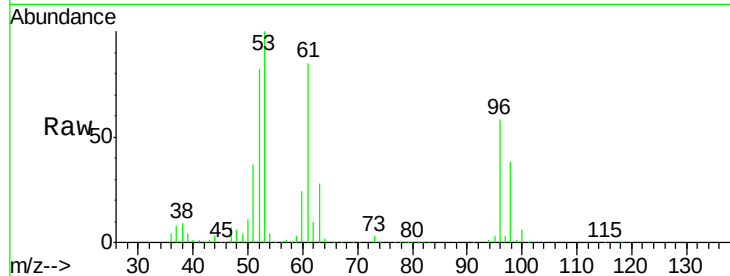
Tot Ion: 96 Resp: 60884

Ion Ratio Lower Upper

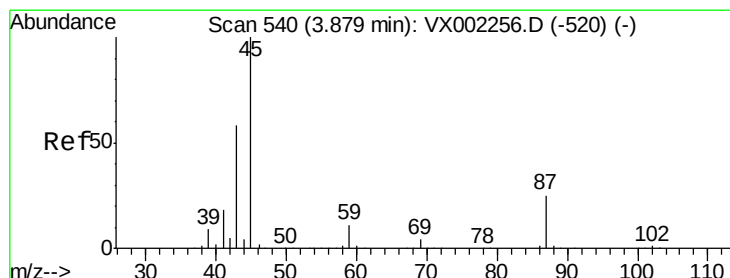
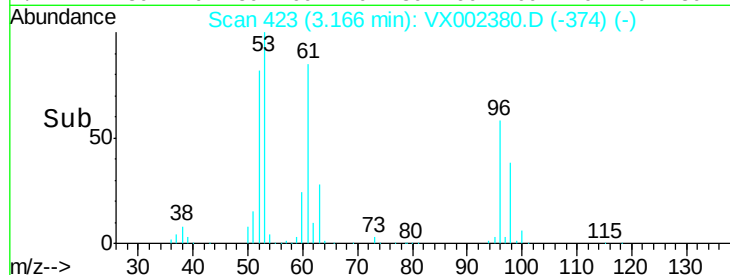
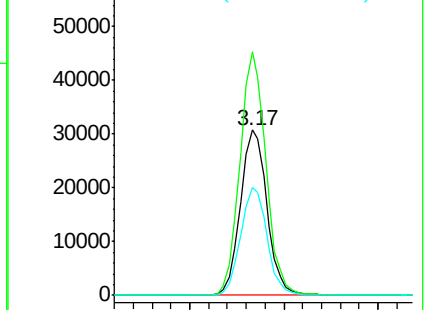
96 100

61 146.9 117.0 175.4

98 65.4 52.4 78.6



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



#22

Diisopropyl ether

Concen: 19.182 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Tgt Ion: 45 Resp: 201800

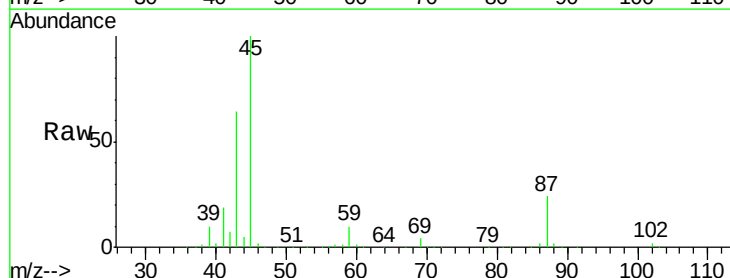
Ion Ratio Lower Upper

45 100

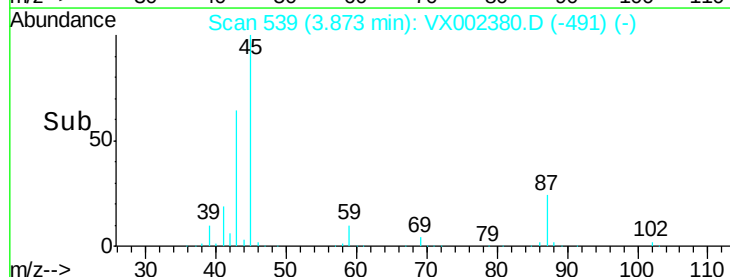
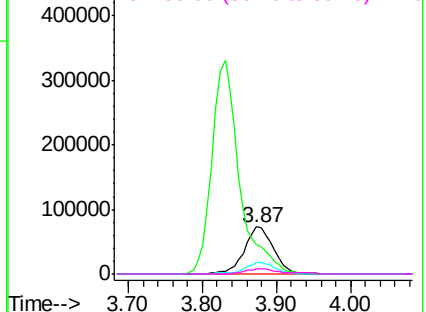
43 63.4 46.8 70.2

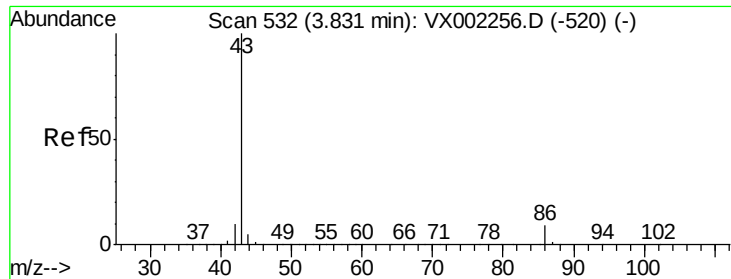
87 24.3 20.2 30.4

59 10.1 8.7 13.1



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





#23

Vinyl Acetate

Concen: 87.565 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

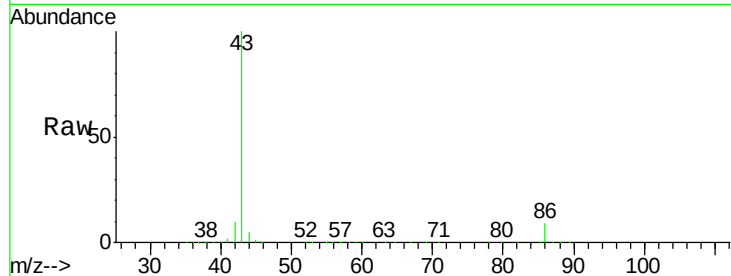
VX0607MBS01

Tot Ion: 43 Resp: 853148

Ion Ratio Lower Upper

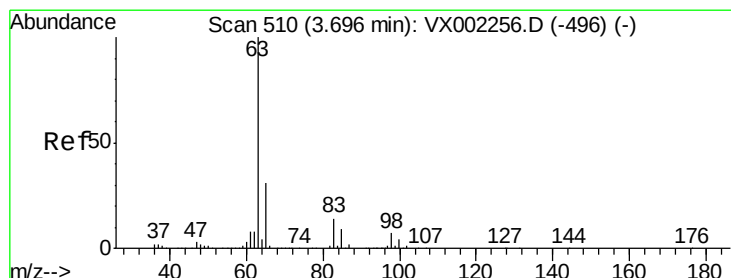
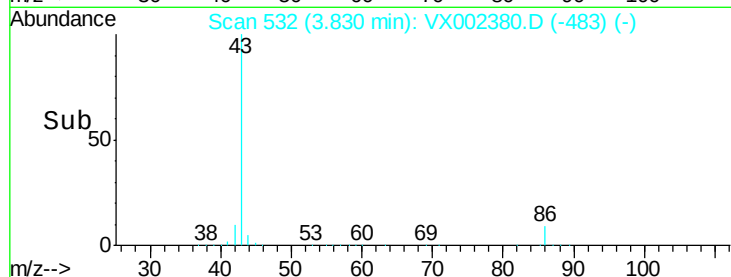
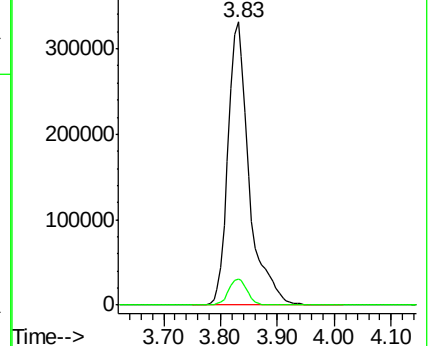
43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.254 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

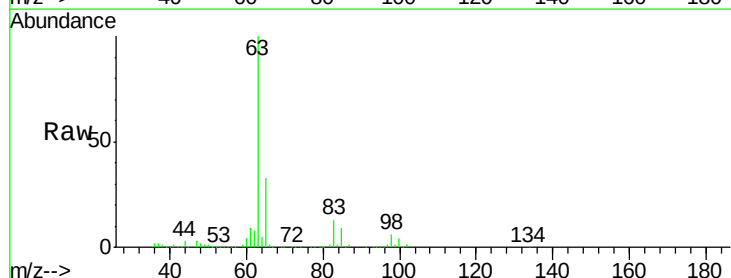
Tgt Ion: 63 Resp: 120314

Ion Ratio Lower Upper

63 100

98 5.9 3.4 10.2

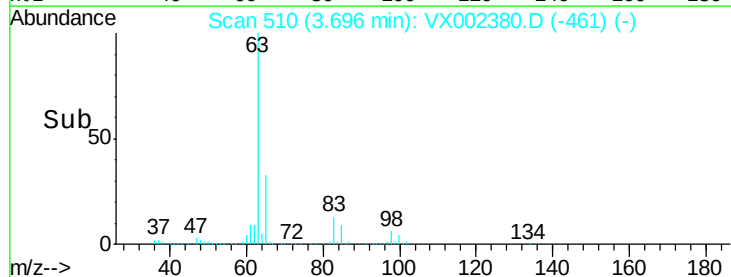
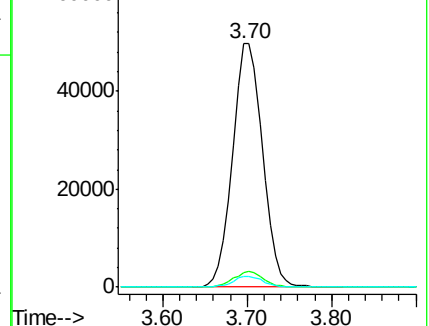
100 4.2 2.0 6.0

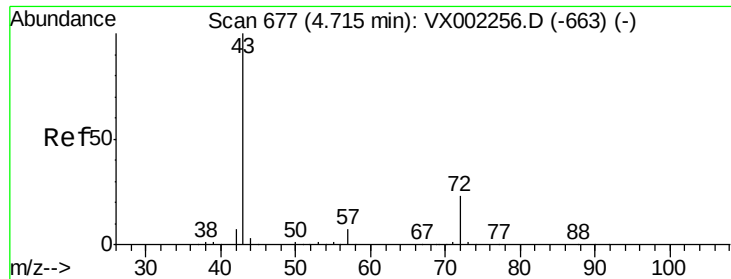


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 93.622 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

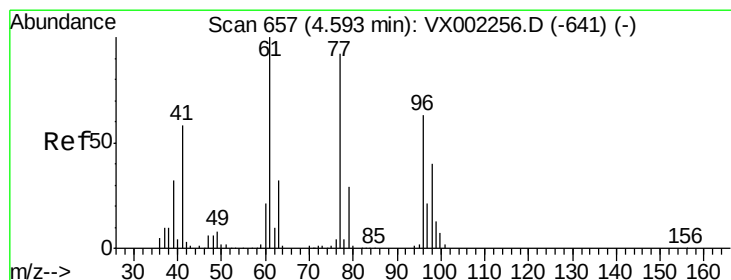
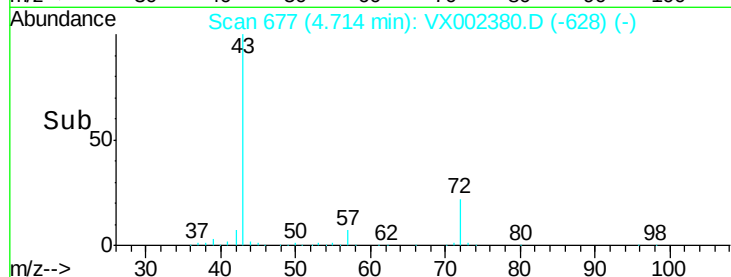
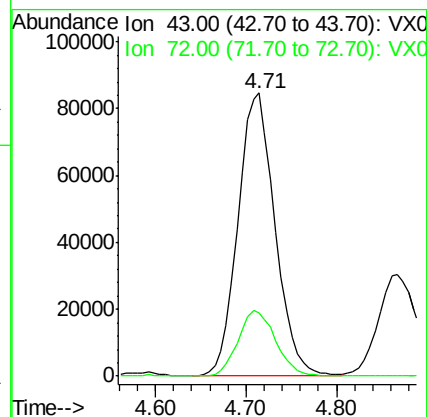
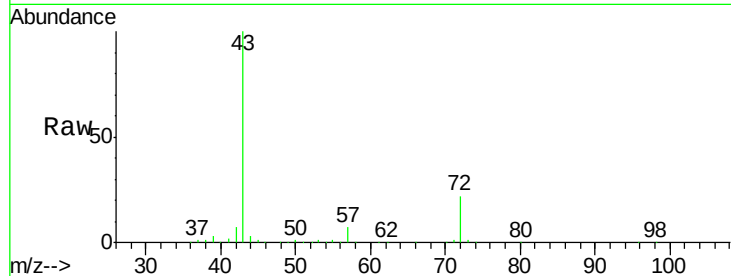
VX0607MBS01

Tot Ion: 43 Resp: 238805

Ion Ratio Lower Upper

43 100

72 22.4 18.5 27.7



#26

2,2-Dichloropropane

Concen: 17.741 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002380.D

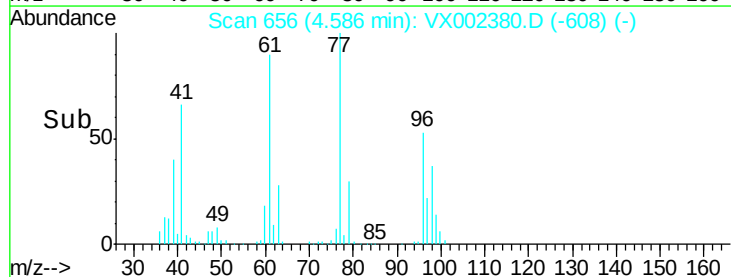
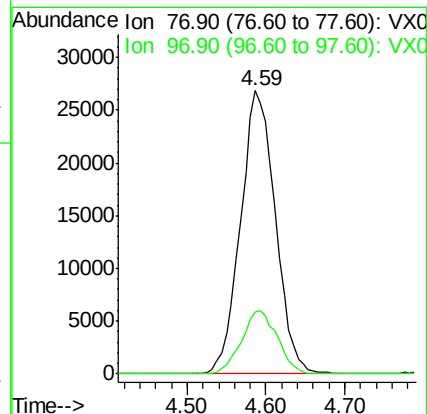
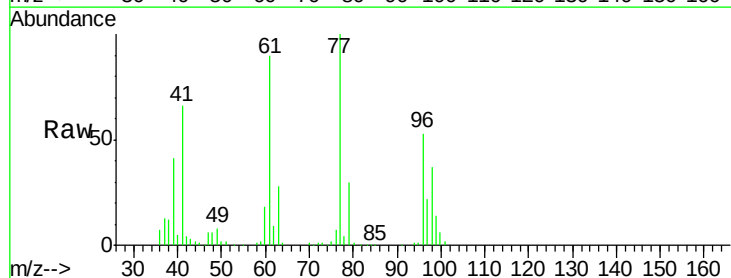
Acq: 07 Jun 2018 16:20

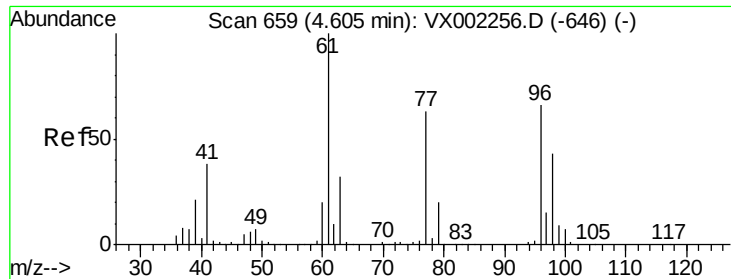
Tgt Ion: 77 Resp: 82378

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5



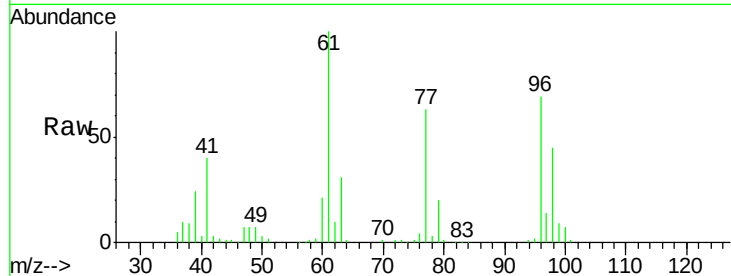


#27

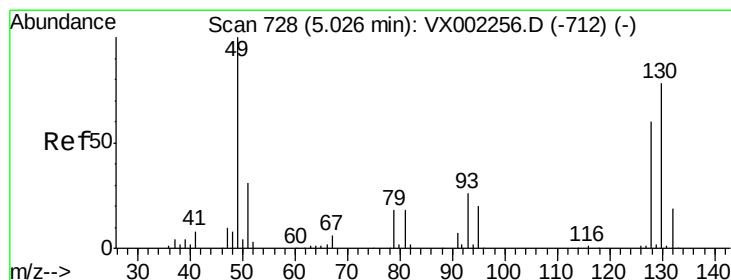
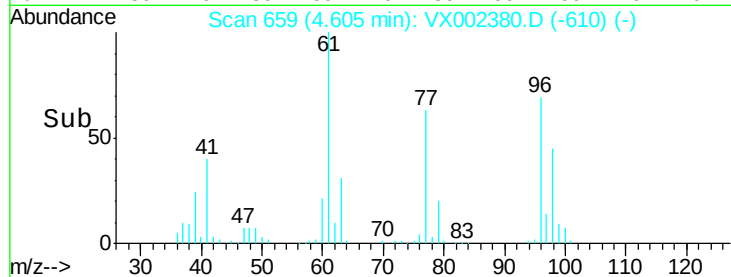
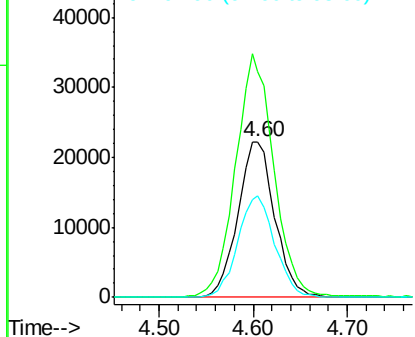
cis-1,2-Dichloroethene
 Concen: 18.346 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.8	0.0	330.2
98	65.3	0.0	130.2



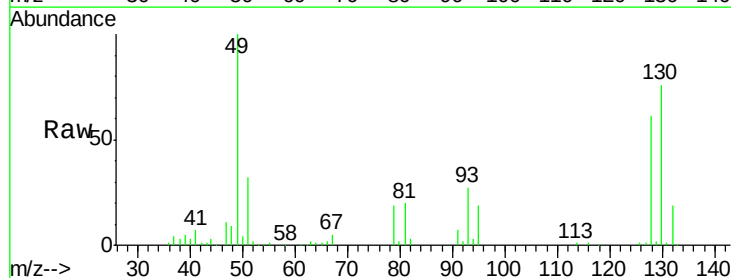
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



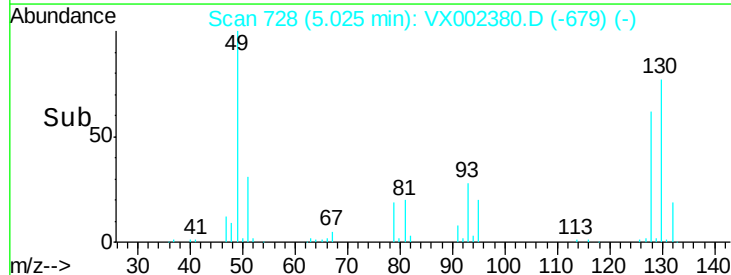
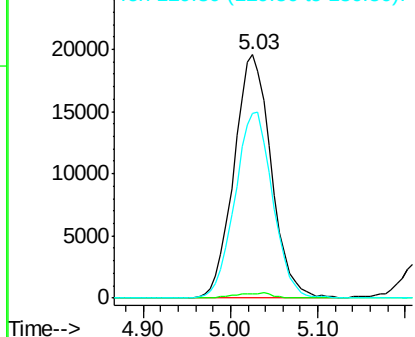
#28

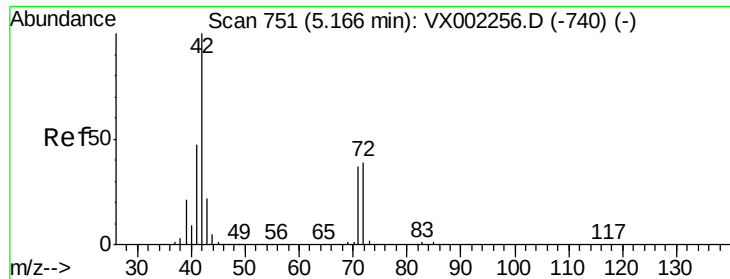
Bromochloromethane
 Concen: 20.819 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	77.1	61.2	91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

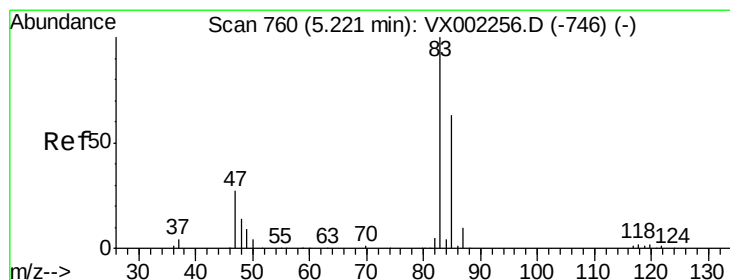
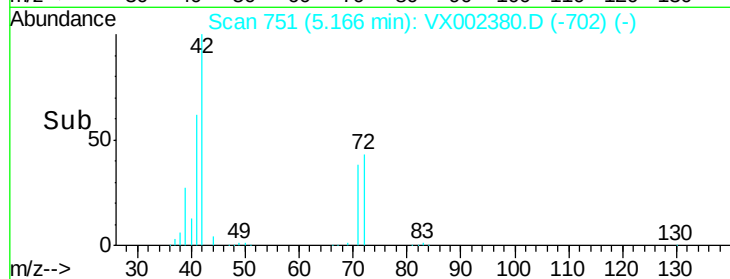
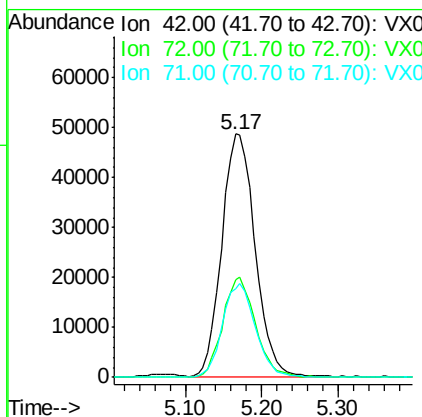
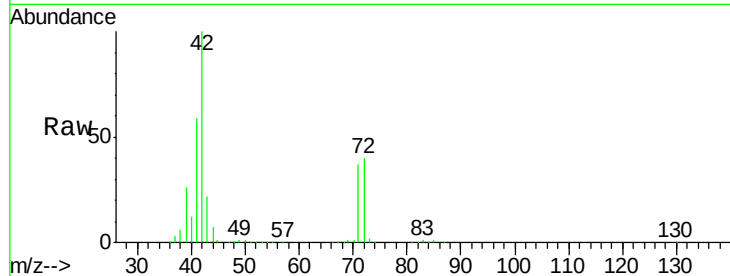




#29
Tetrahydrofuran
Concen: 89.051 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

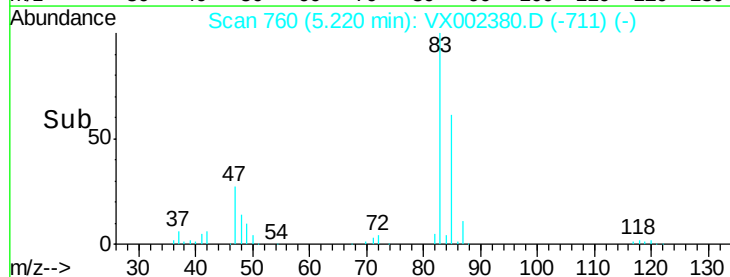
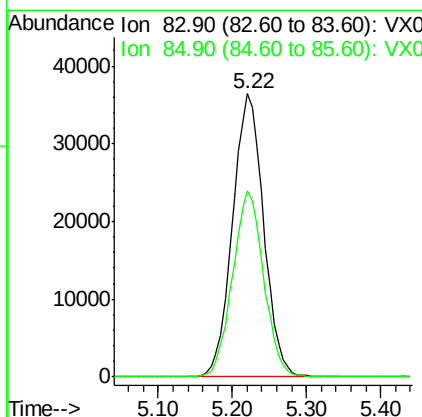
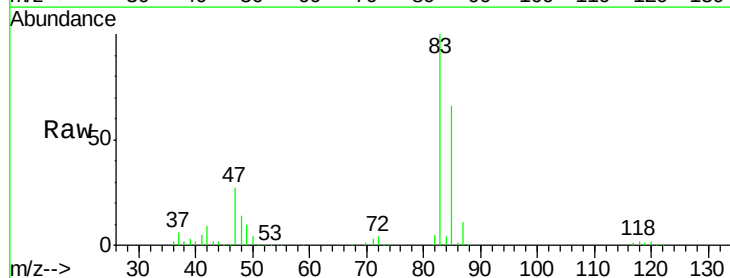
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

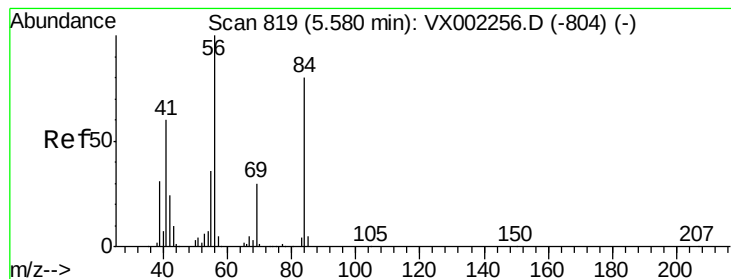
Tot Ion: 42 Resp: 146450
Ion Ratio Lower Upper
42 100
72 40.7 32.0 48.0
71 38.3 30.1 45.1



#30
Chloroform
Concen: 18.574 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Tgt Ion: 83 Resp: 106468
Ion Ratio Lower Upper
83 100
85 65.6 50.4 75.6





#31

Cyclohexane

Concen: 20.161 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0607MBS01

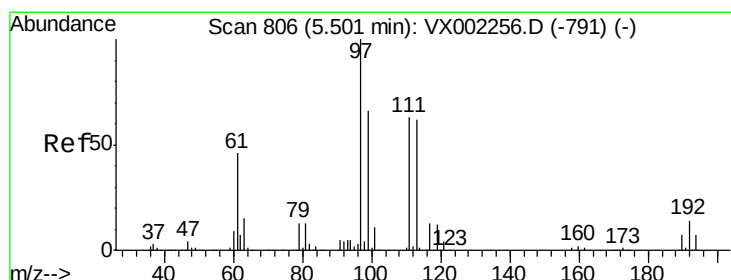
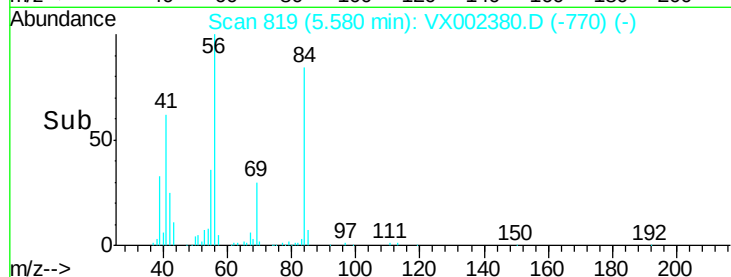
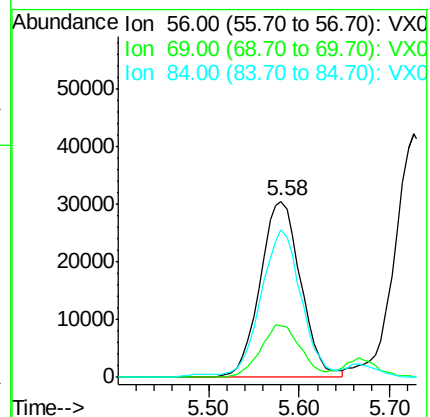
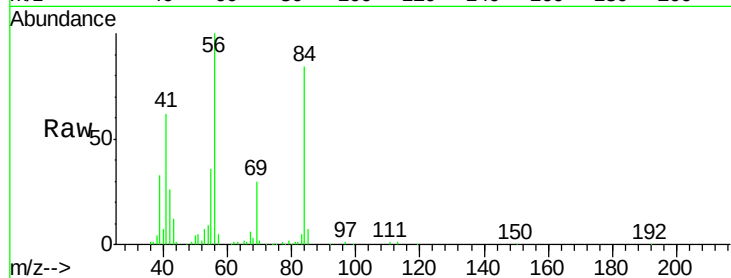
Tot Ion: 56 Resp: 94702

Ion Ratio Lower Upper

56 100

69 29.6 23.7 35.5

84 82.5 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 18.944 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

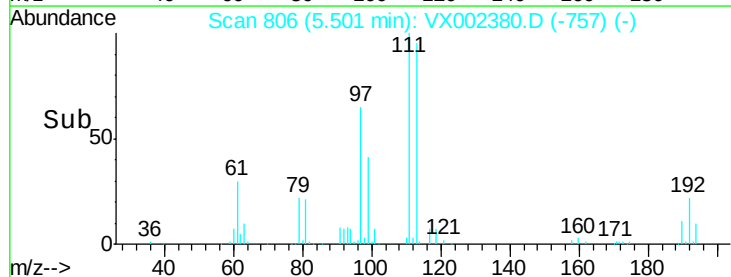
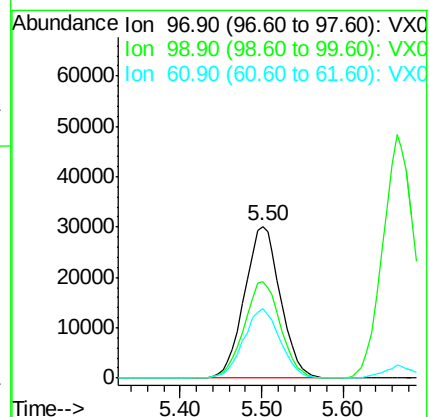
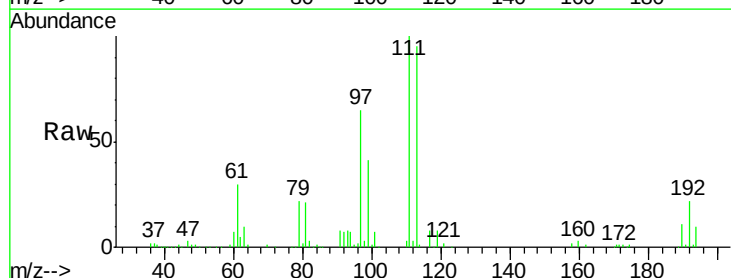
Tgt Ion: 97 Resp: 92091

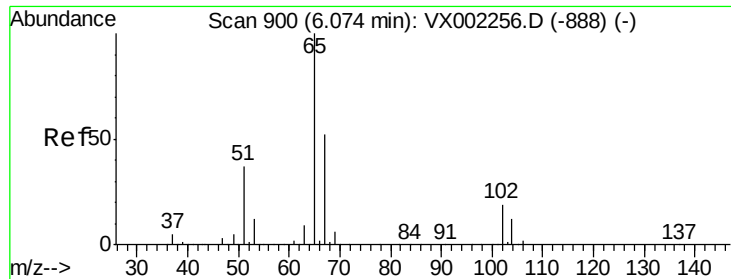
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 46.7 36.4 54.6

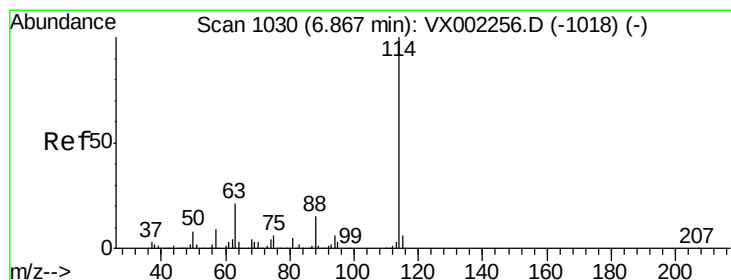
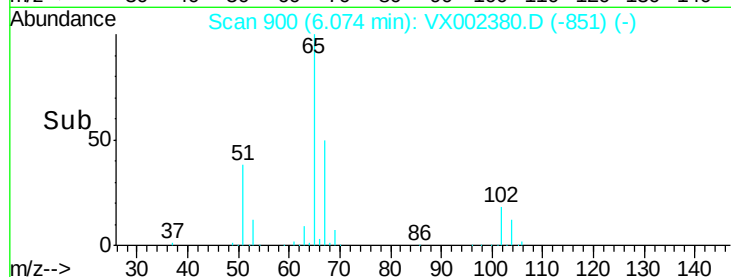
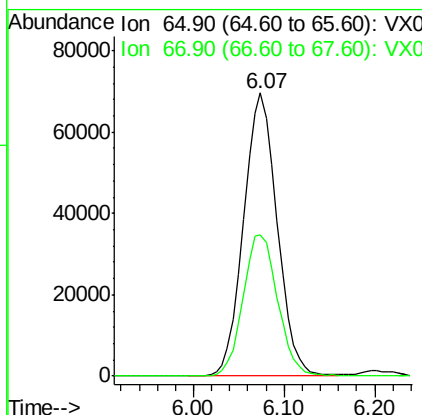
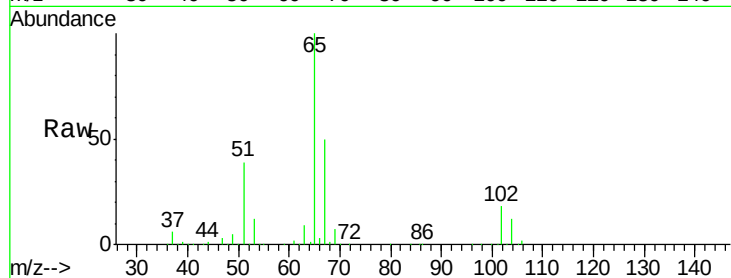




#33
 1,2-Dichloroethane-d4
 Concen: 47.797 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

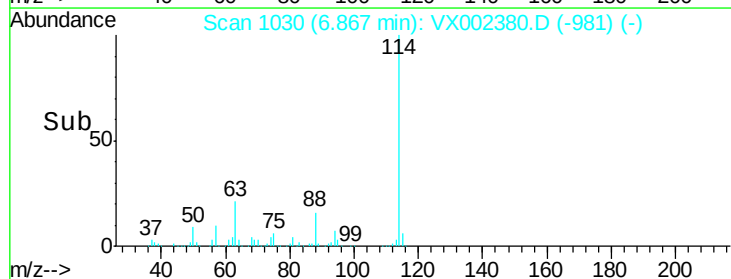
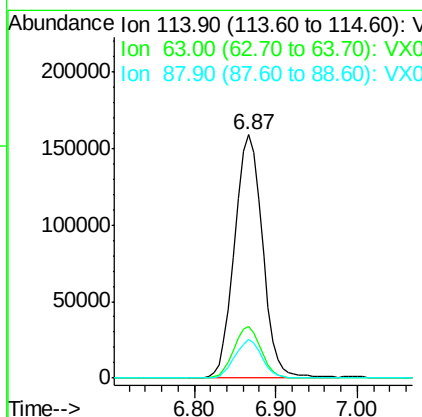
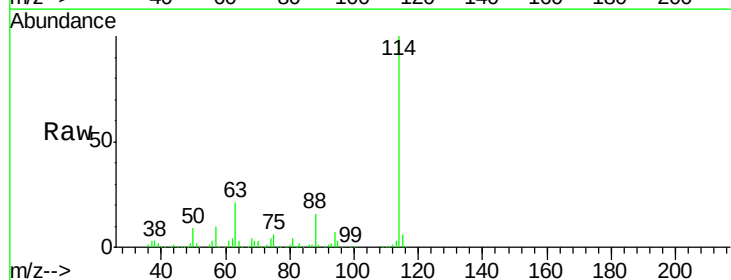
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

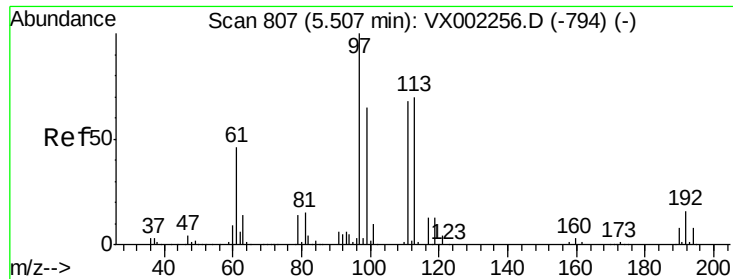
Tot Ion: 65 Resp: 178377
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Tgt Ion: 114 Resp: 378067
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.4
 88 15.8 0.0 30.0

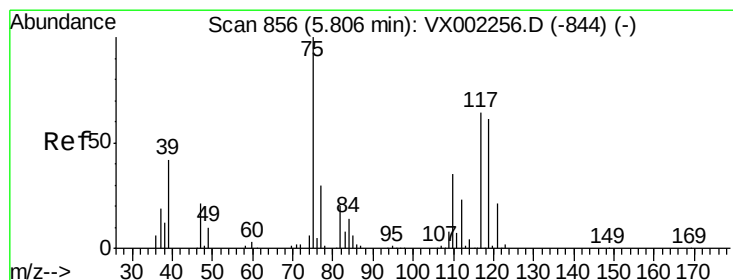
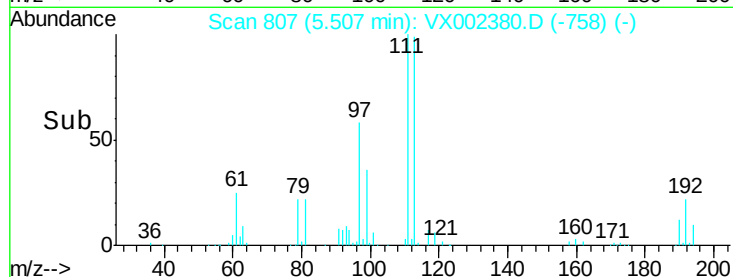
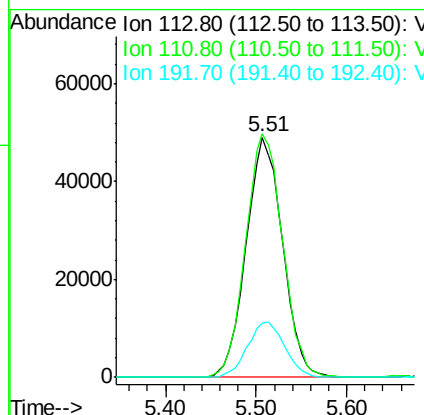
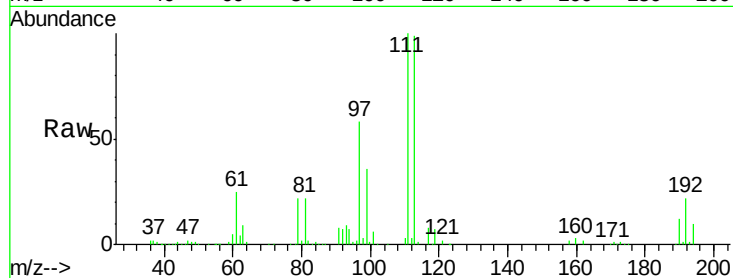




#35
 Dibromofluoromethane
 Concen: 45.910 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

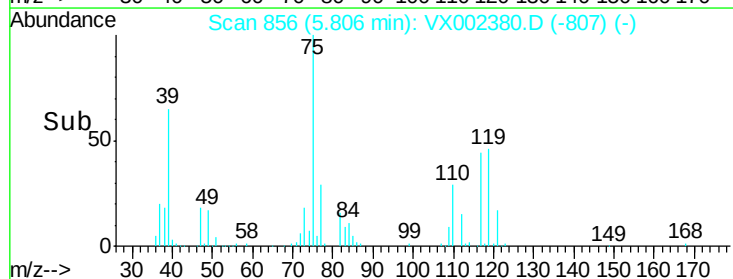
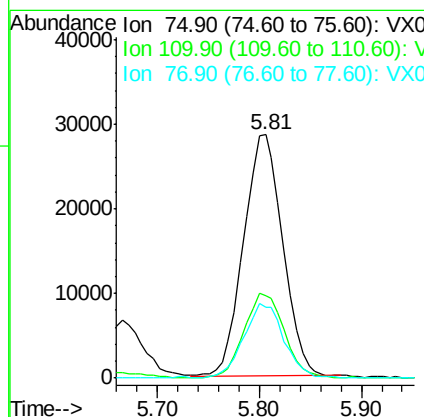
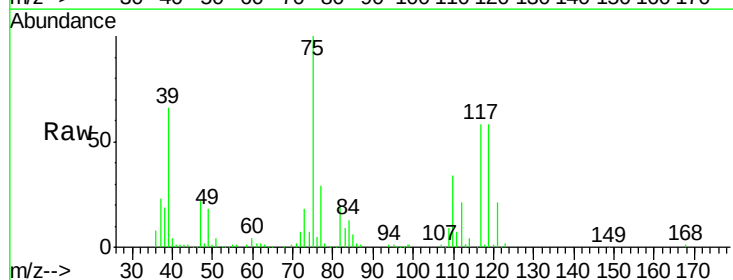
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

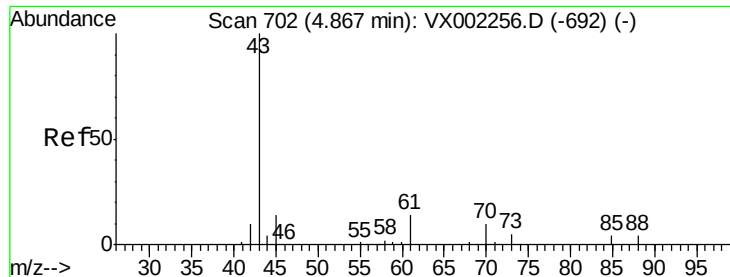
Tot Ion:113 Resp: 136496
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.0
 192 23.6 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 19.184 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Tgt Ion: 75 Resp: 76248
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.4
 77 31.8 24.3 36.5

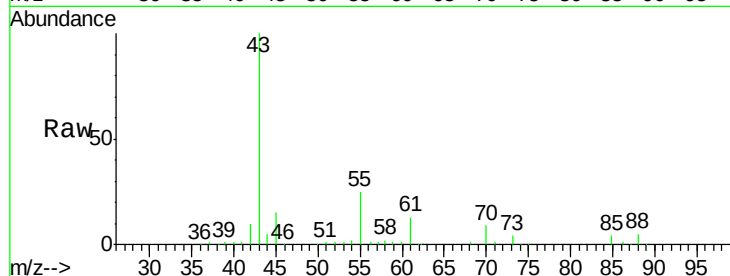




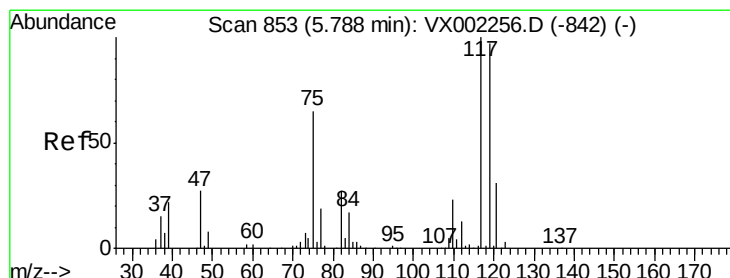
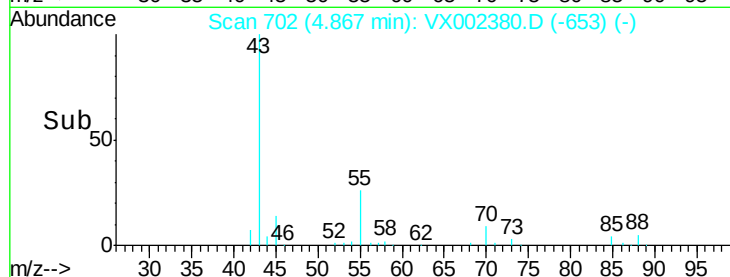
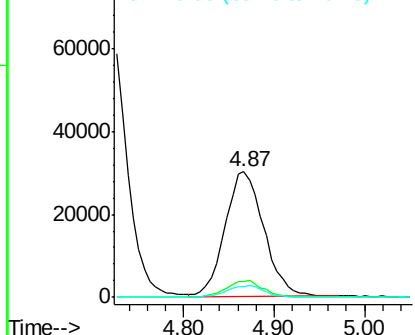
#37
Ethyl Acetate
Concen: 18.773 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion: 43 Resp: 89734
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.6 7.6 11.4

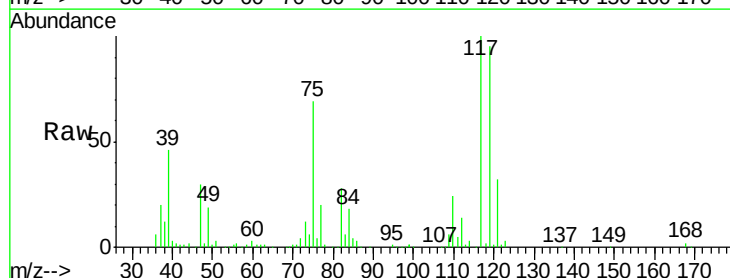


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

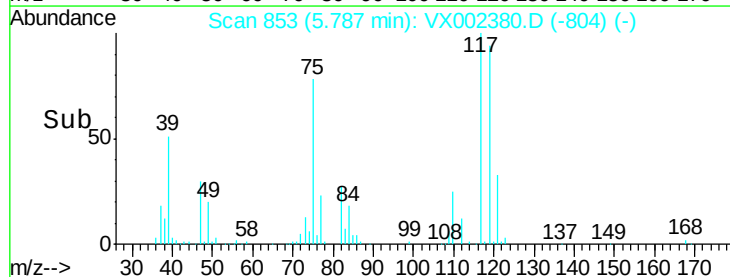
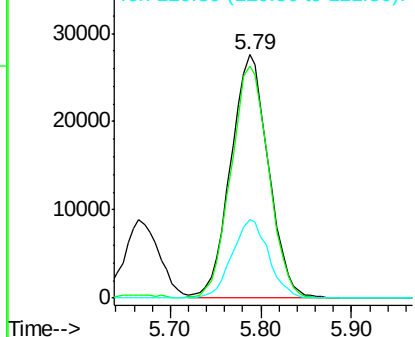


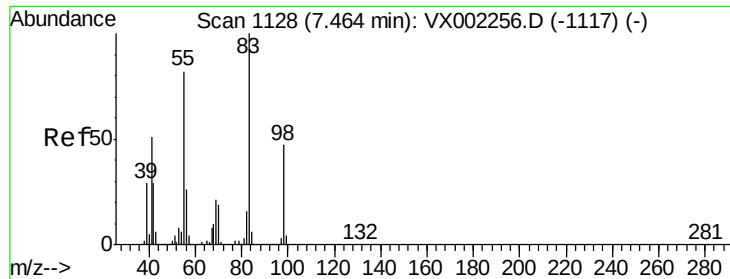
#38
Carbon Tetrachloride
Concen: 19.193 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Tgt Ion: 117 Resp: 79803
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.0
121 32.2 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

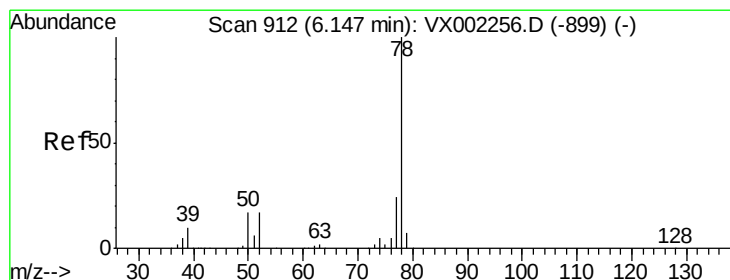
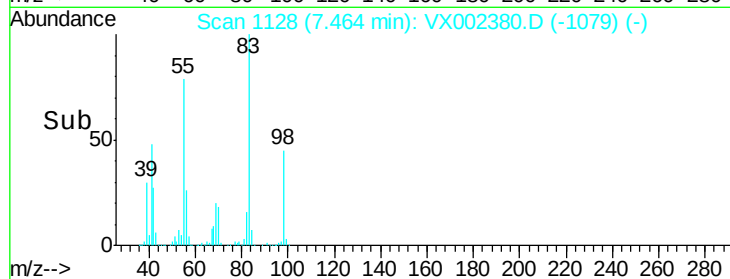
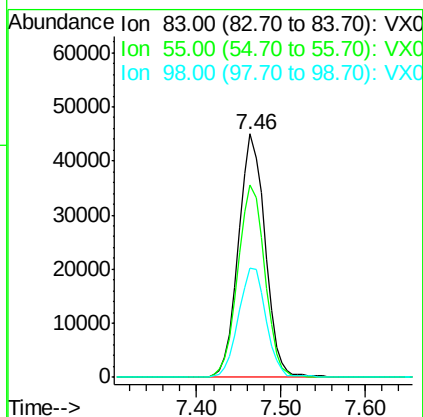
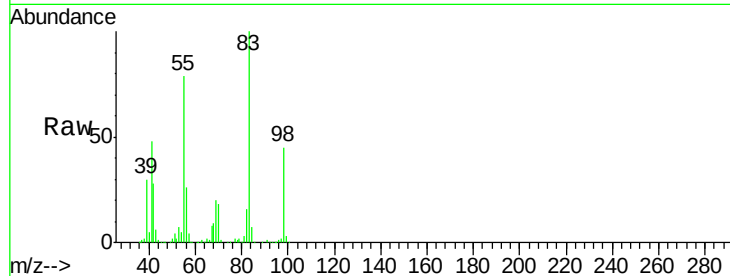




#39
Methylvlcyclohexane
Concen: 19.676 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

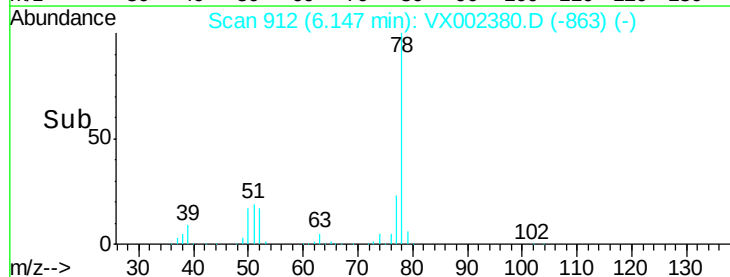
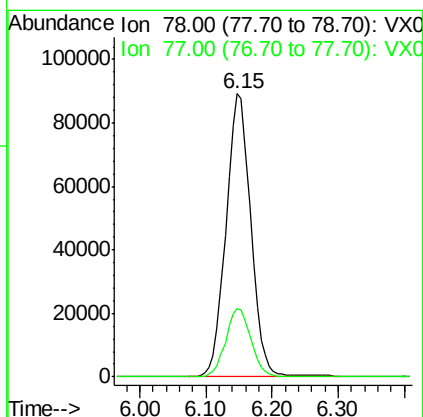
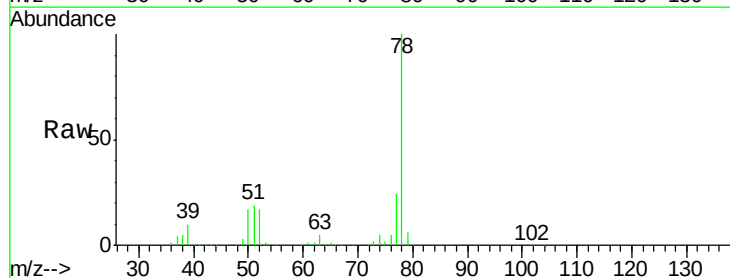
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

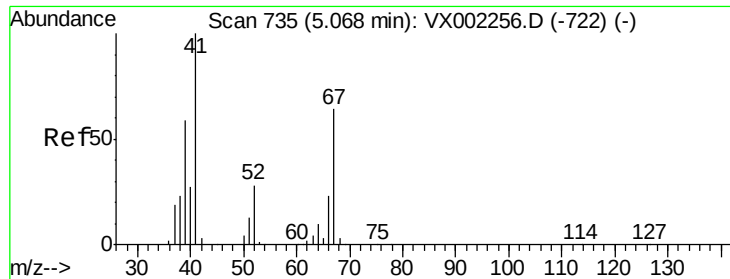
Tot Ion: 83 Resp: 95829
Ion Ratio Lower Upper
83 100
55 78.6 65.4 98.0
98 44.8 37.4 56.0



#40
Benzene
Concen: 19.100 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Tgt Ion: 78 Resp: 232771
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

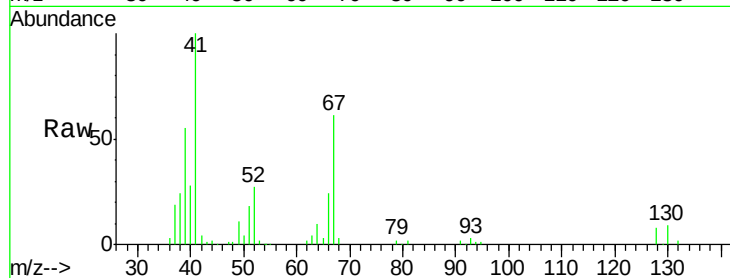




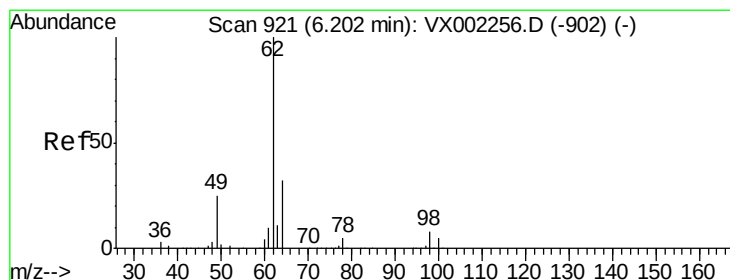
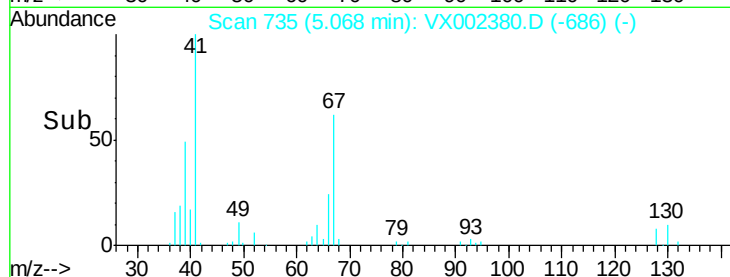
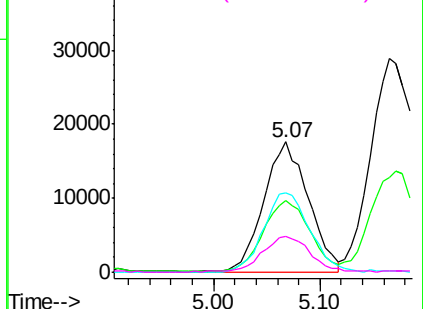
#41
Methacrylonitrile
Concen: 18.821 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion:	41	Resp:	51498
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.8	68.6
67	63.0	51.3	76.9
52	27.7	23.0	34.6

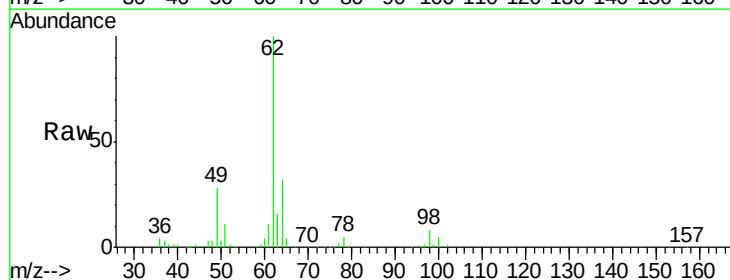


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

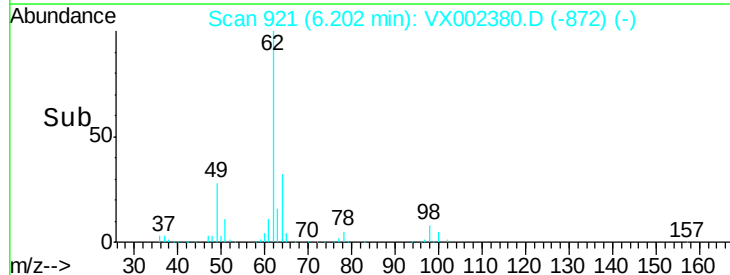
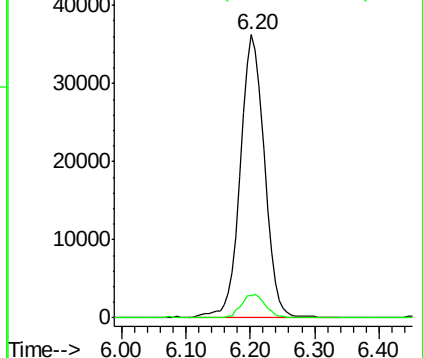


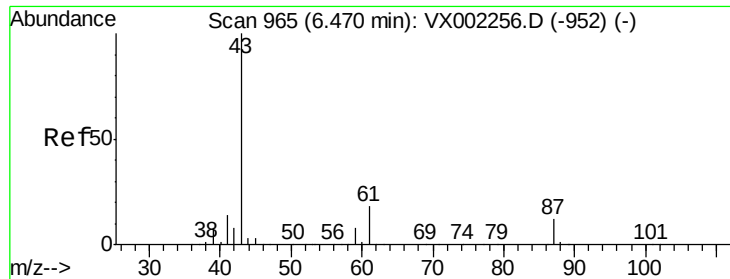
#42
1,2-Dichloroethane
Concen: 19.440 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Tgt Ion:	62	Resp:	94127
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 18.114 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

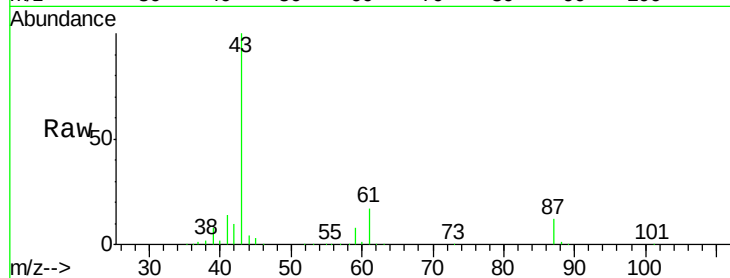
Tot Ion: 43 Resp: 147060

Ion Ratio Lower Upper

43 100

61 17.5 14.4 21.6

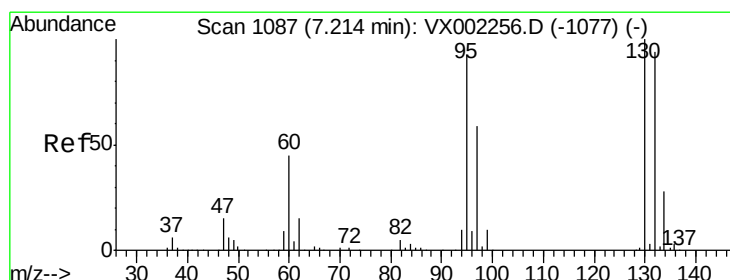
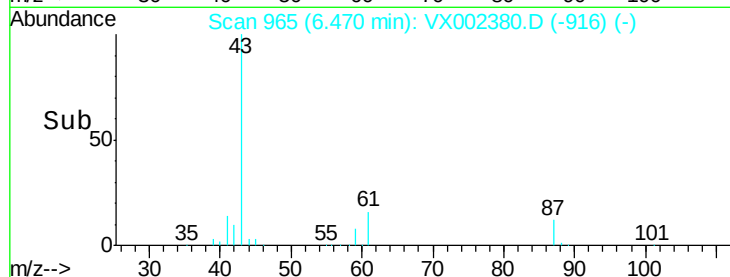
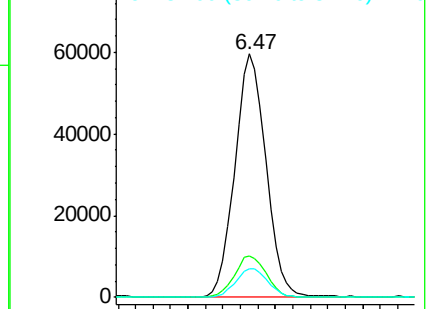
87 12.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.308 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002380.D

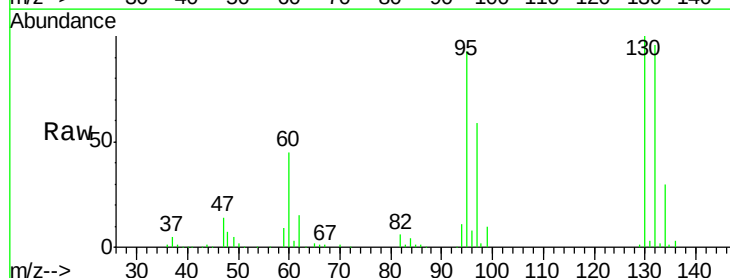
Acq: 07 Jun 2018 16:20

Tgt Ion:130 Resp: 65305

Ion Ratio Lower Upper

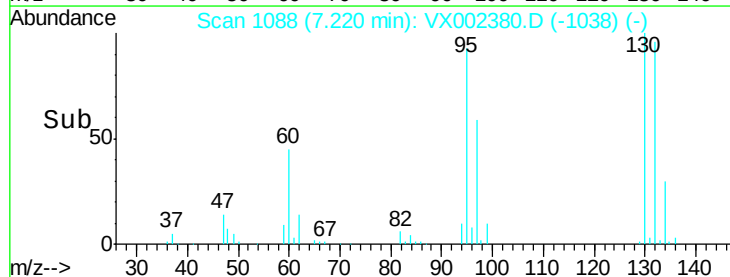
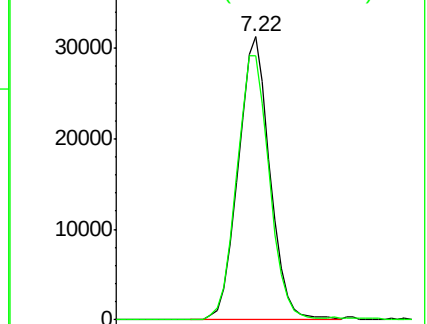
130 100

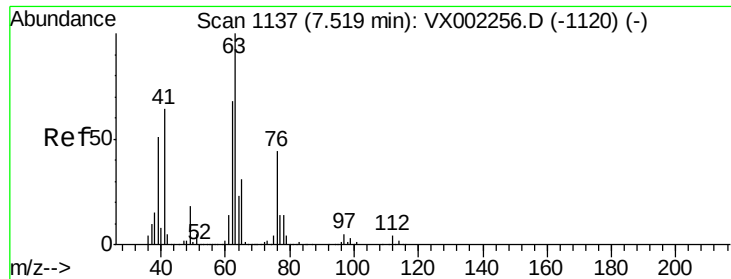
95 93.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.219 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

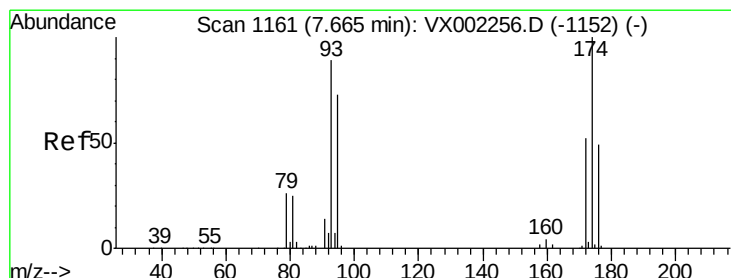
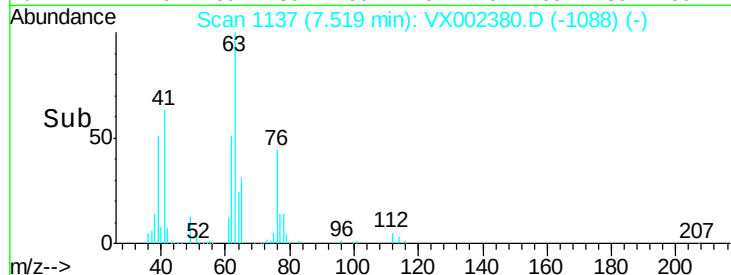
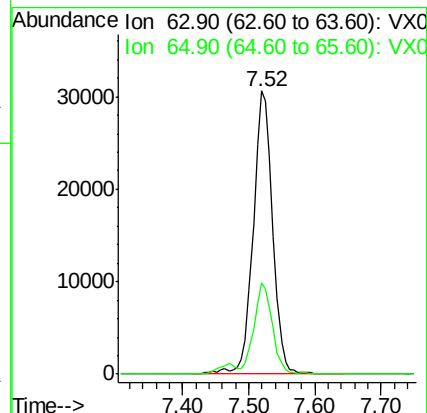
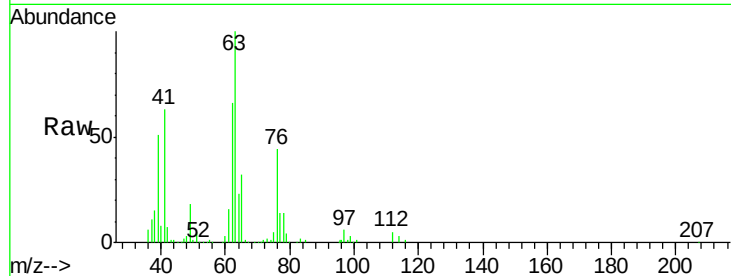
VX0607MBS01

Tot Ion: 63 Resp: 63231

Ion Ratio Lower Upper

63 100

65 32.1 24.7 37.1



#46

Dibromomethane

Concen: 18.765 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

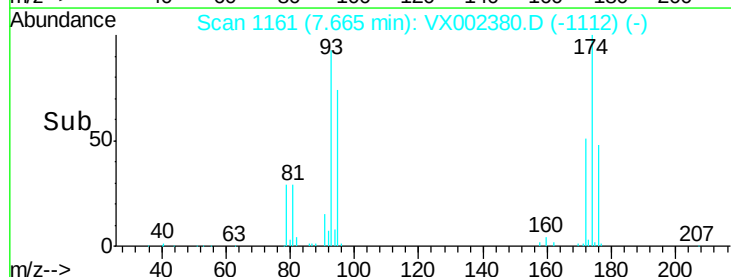
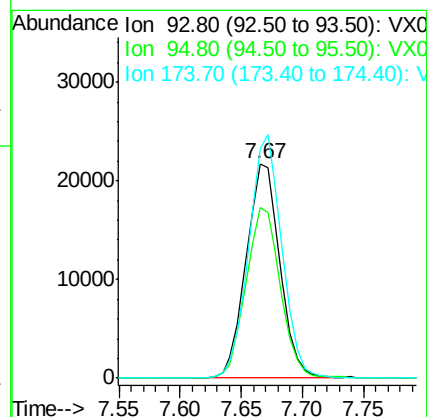
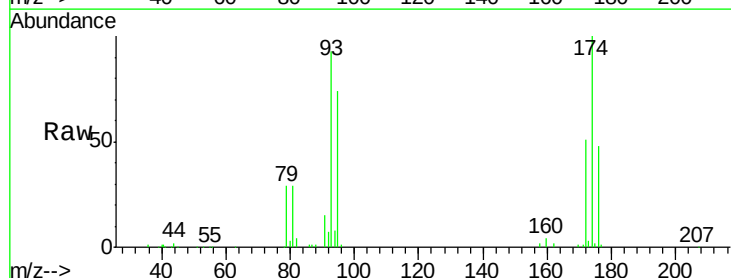
Tgt Ion: 93 Resp: 41852

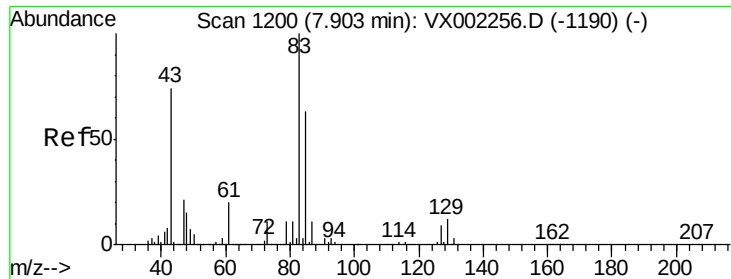
Ion Ratio Lower Upper

93 100

95 80.9 65.9 98.9

174 111.3 92.4 138.6





#47

Bromodichloromethane

Concen: 18.029 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

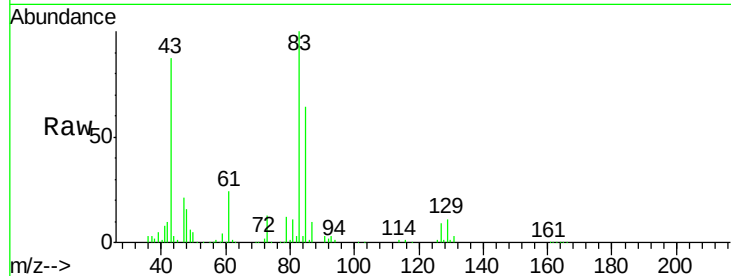
Tot Ion: 83 Resp: 72725

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5

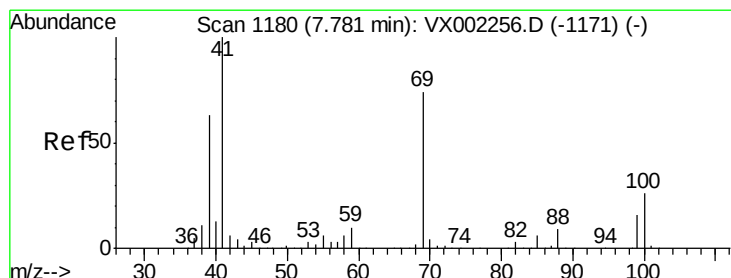
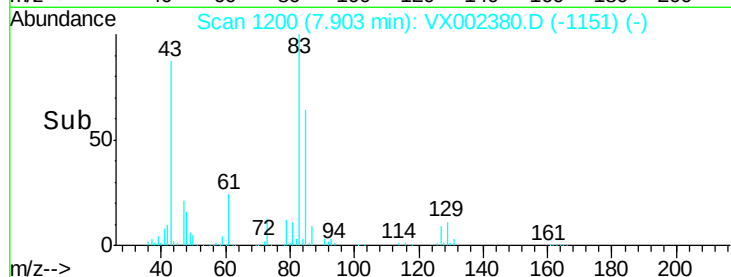
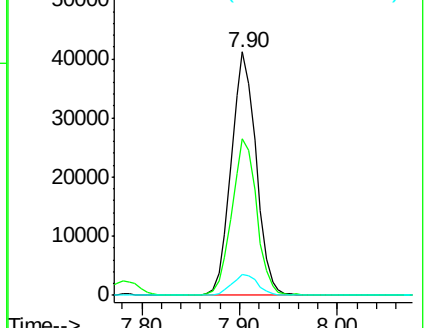
127 8.7 7.0 10.4



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: 18.728 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

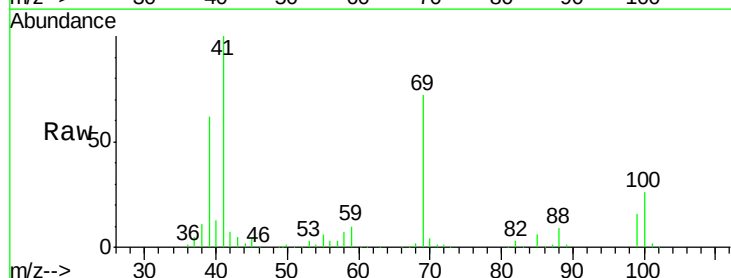
Tgt Ion: 41 Resp: 76374

Ion Ratio Lower Upper

41 100

69 74.1 59.1 88.7

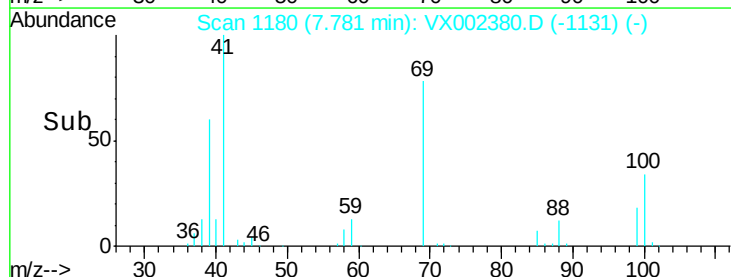
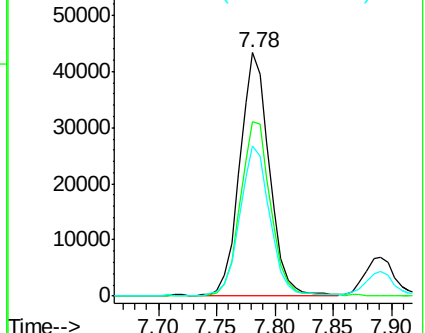
39 62.3 48.9 73.3

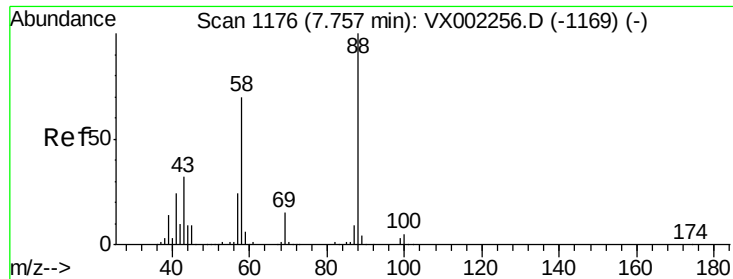


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

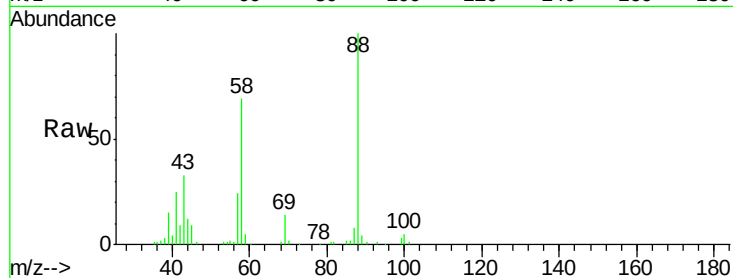




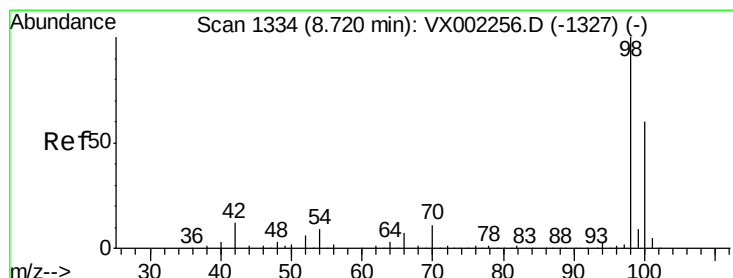
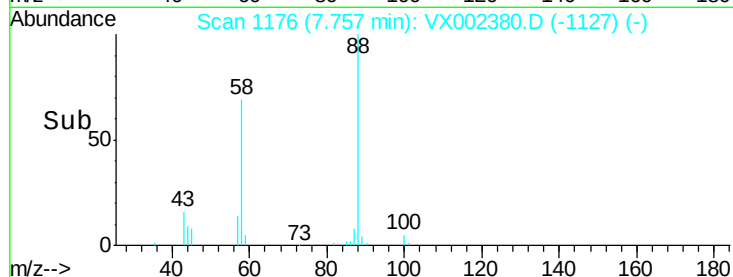
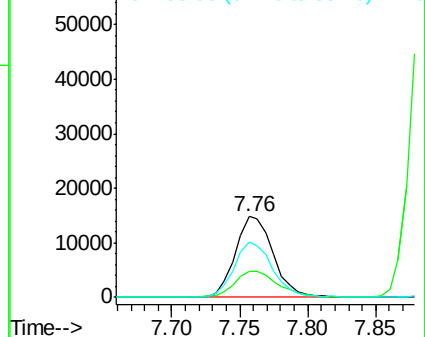
#49
1,4-Dioxane
Concen: 376.825 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion: 88 Resp: 28733
Ion Ratio Lower Upper
88 100
43 36.7 29.8 44.6
58 69.4 57.1 85.7

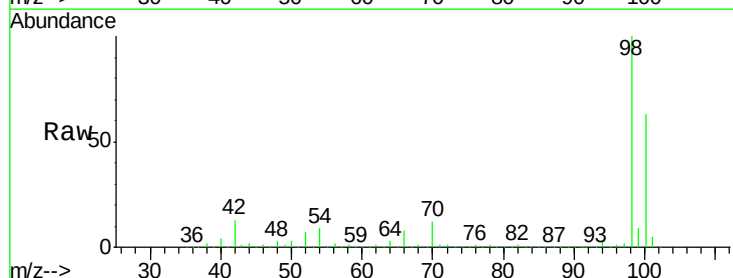


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

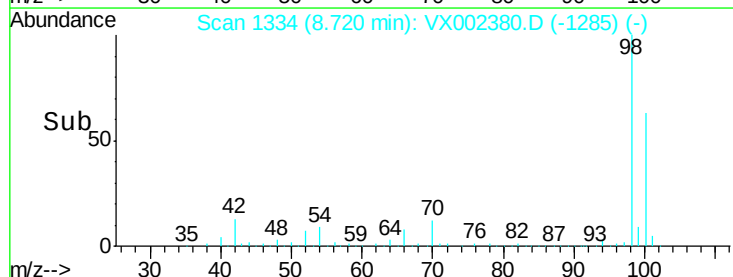
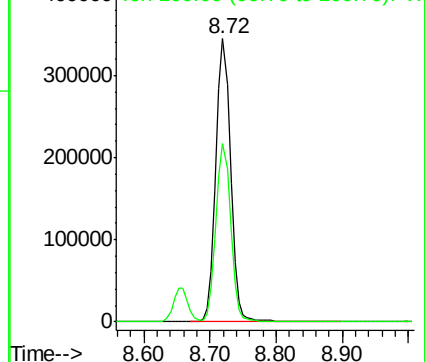


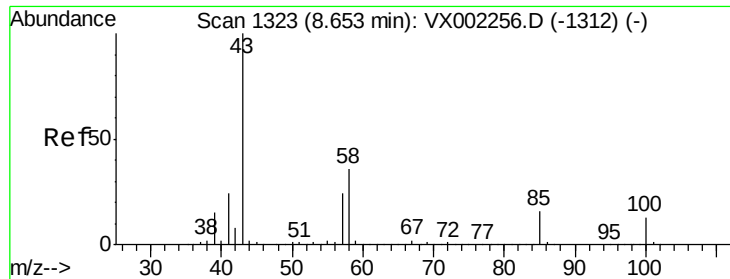
#50
Toluene-d8
Concen: 46.678 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Tgt Ion: 98 Resp: 531937
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 95.956 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

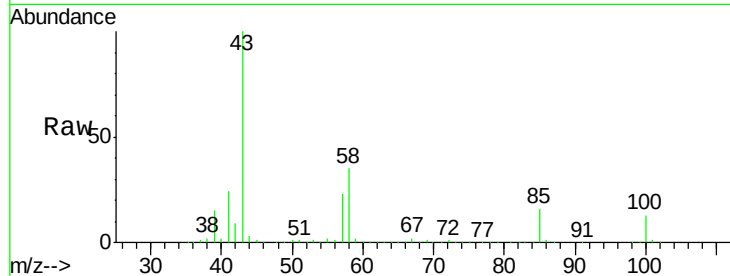
VX0607MBS01

Tot Ion: 43 Resp: 485137

Ion Ratio Lower Upper

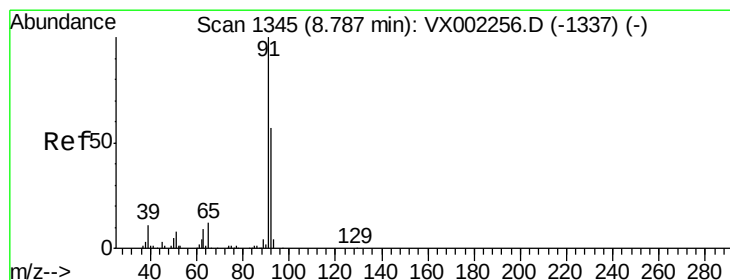
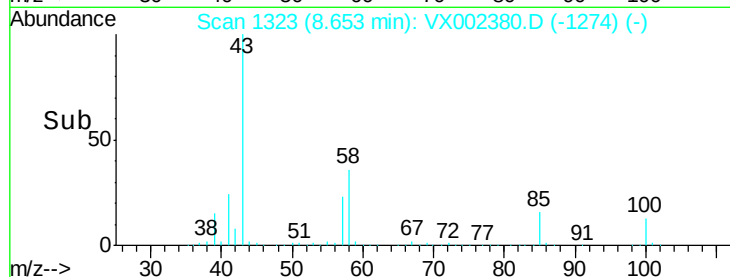
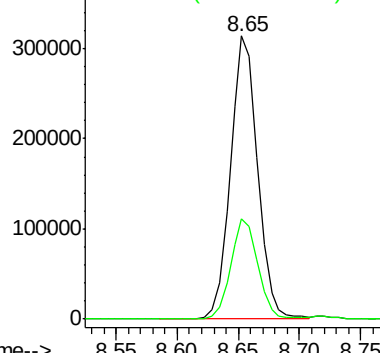
43 100

58 35.5 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: 19.409 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002380.D

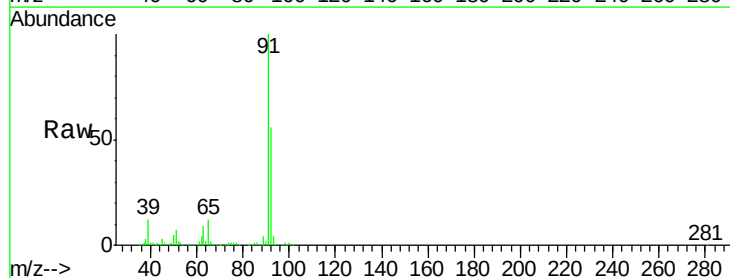
Acq: 07 Jun 2018 16:20

Tgt Ion: 92 Resp: 150439

Ion Ratio Lower Upper

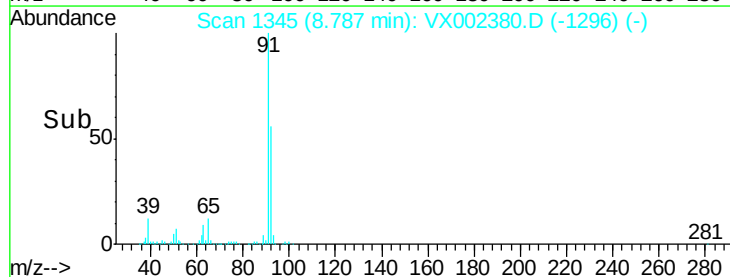
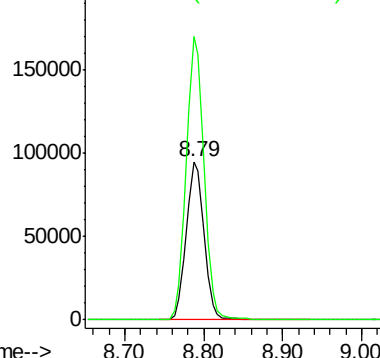
92 100

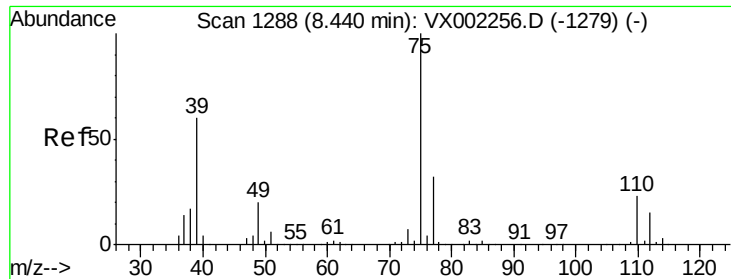
91 178.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.090 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

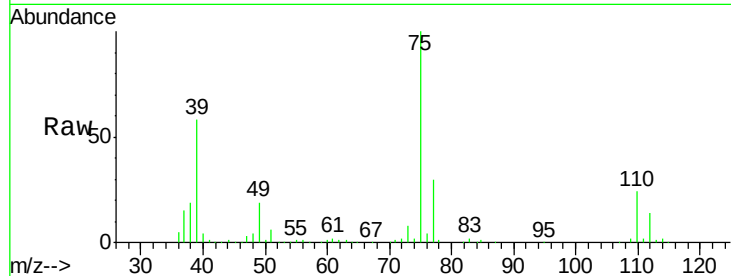
VX0607MBS01

Tot Ion: 75 Resp: 87506

Ion Ratio Lower Upper

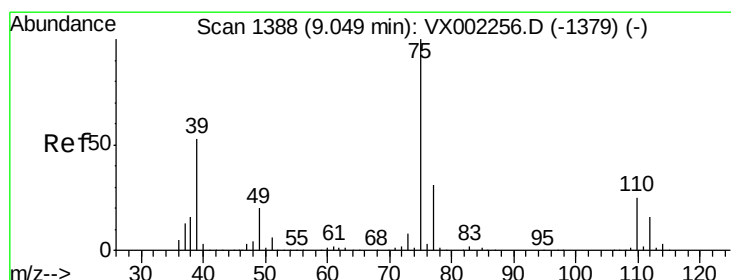
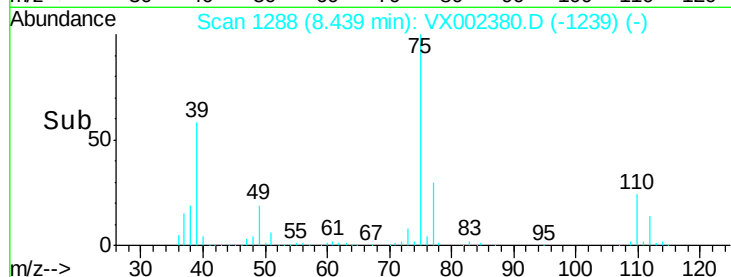
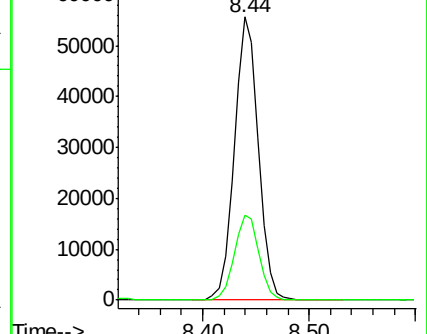
75 100

77 30.2 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: 17.226 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

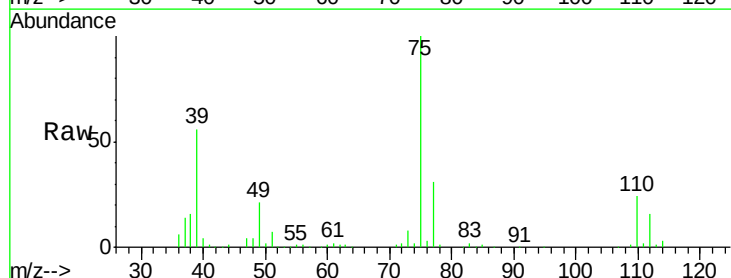
Tgt Ion: 75 Resp: 78617

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

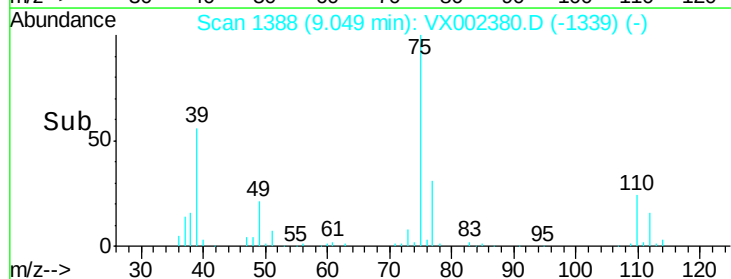
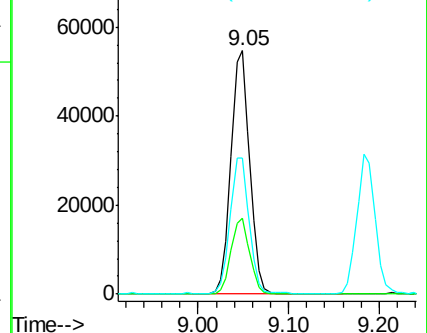
39 55.9 42.4 63.6

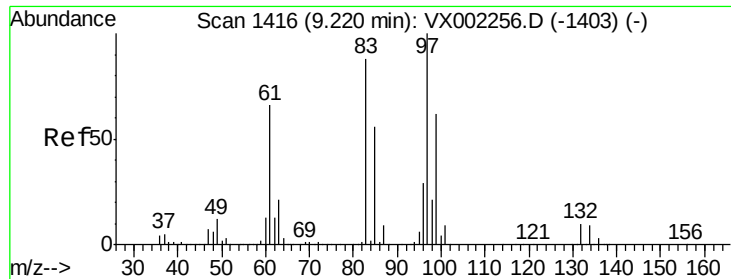


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



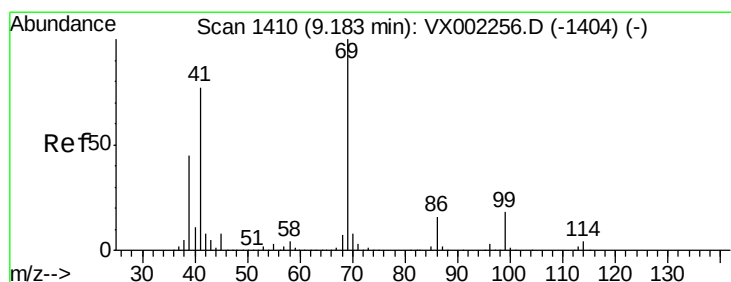
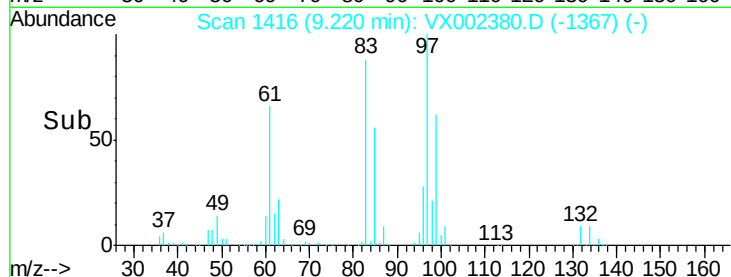
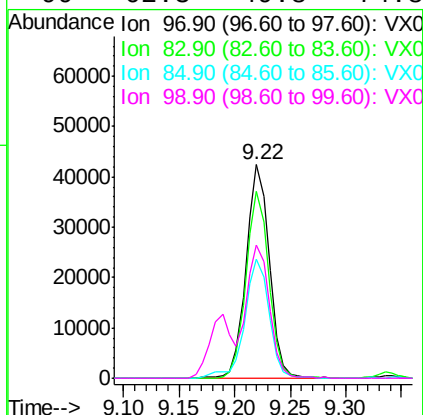
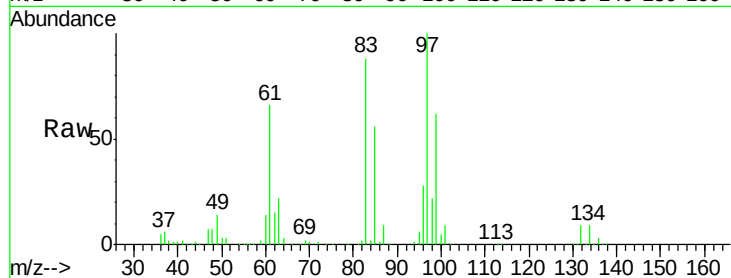


#55
 1,1,2-Trichloroethane
 Concen: 19.361 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tot Ion: 97 Resp: 61720

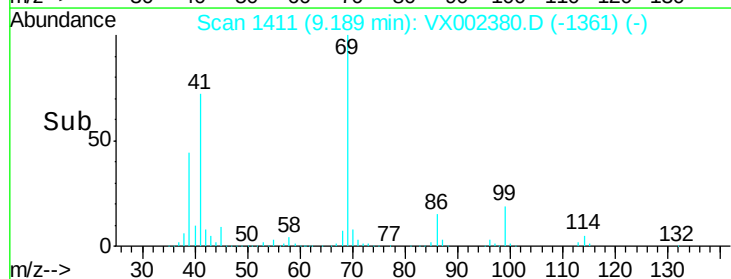
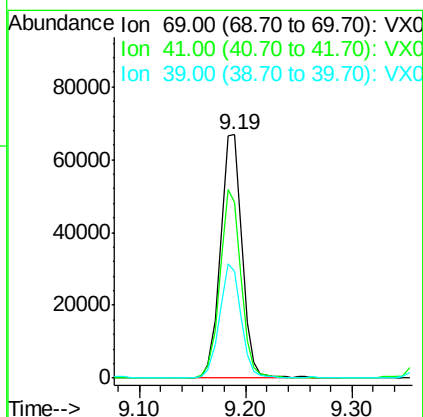
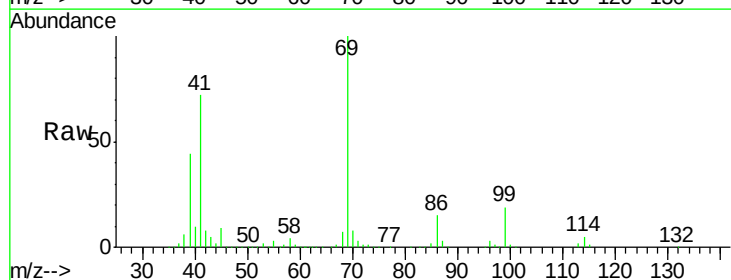
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.2	105.2
85	56.0	44.9	67.3
99	62.3	49.8	74.8

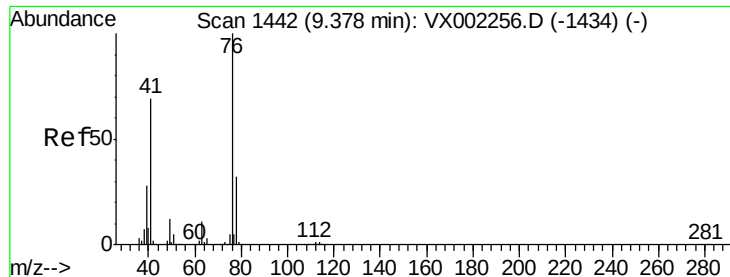


#56
 Ethyl methacrylate
 Concen: 18.721 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Tgt Ion: 69 Resp: 95281

Ion	Ratio	Lower	Upper
69	100		
41	74.5	60.3	90.5
39	45.7	35.8	53.8

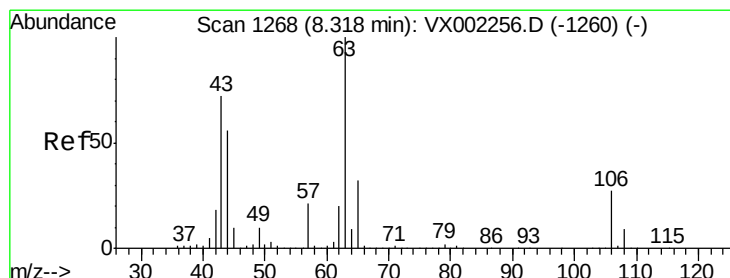
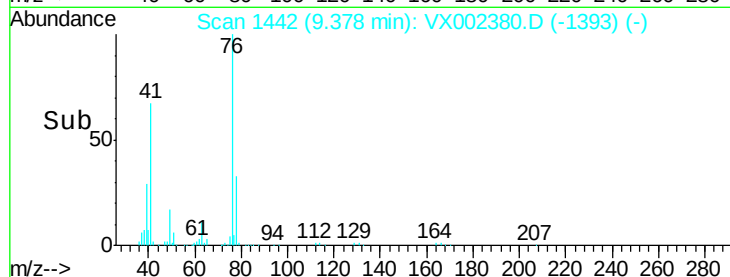
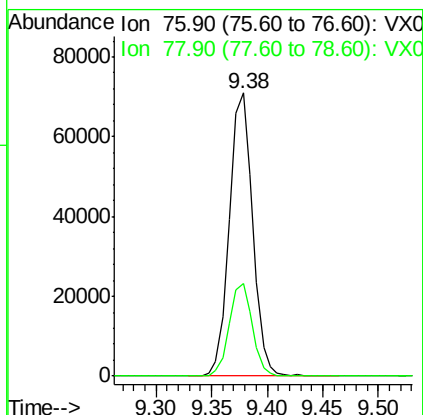
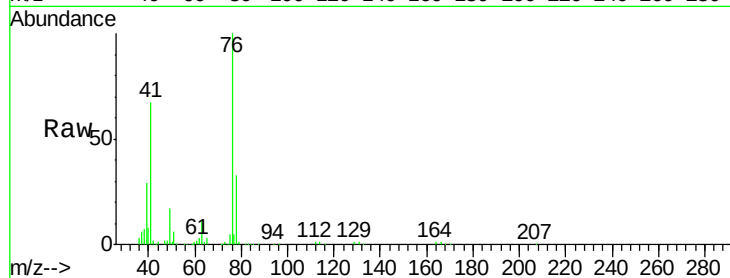




#57
 1,3-Dichloropropane
 Concen: 19.255 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

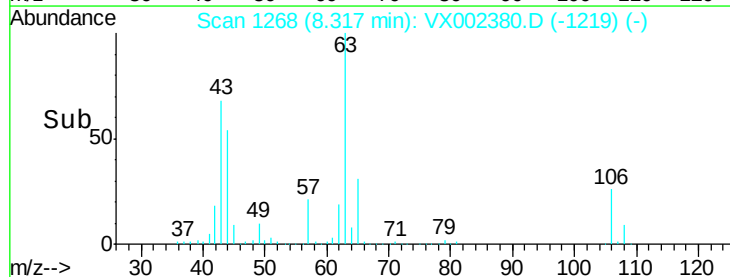
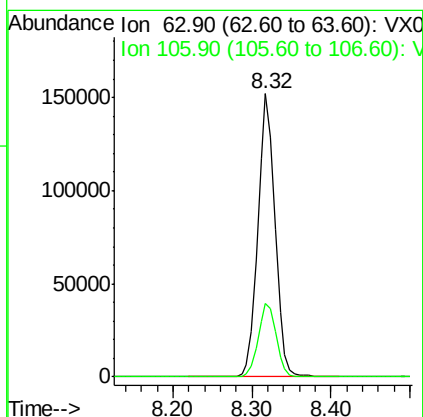
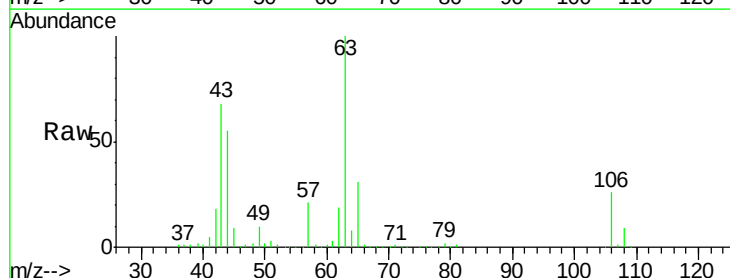
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

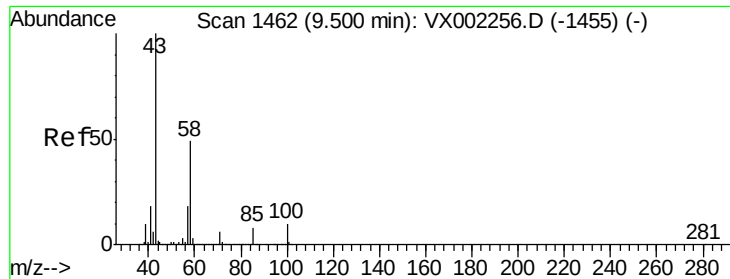
Tot Ion: 76 Resp: 102976
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.826 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Tgt Ion: 63 Resp: 230443
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.8 32.8

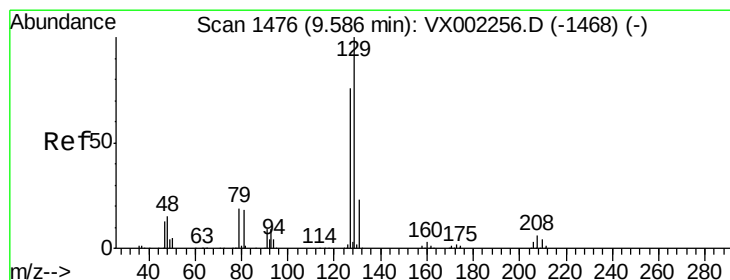
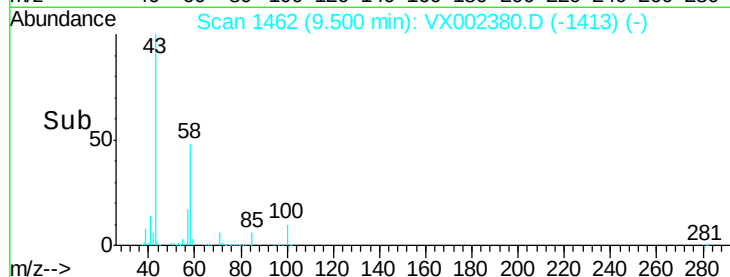
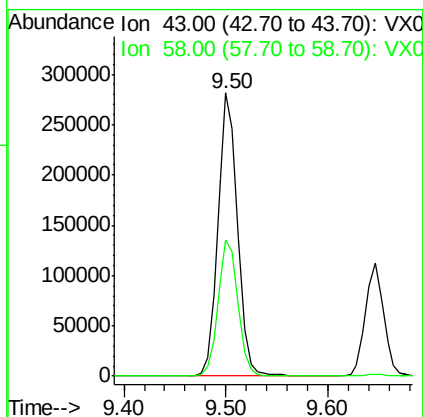
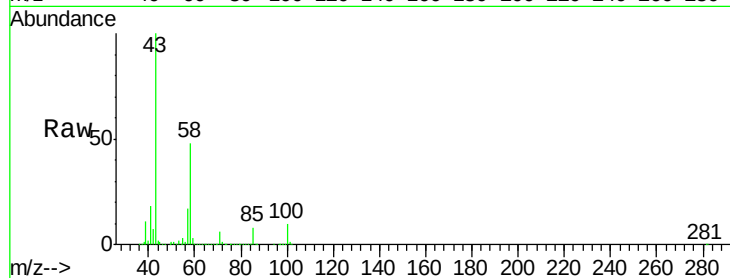




#59
2-Hexanone
Concen: 97.240 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

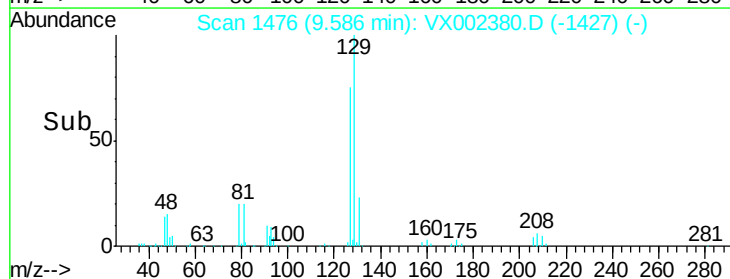
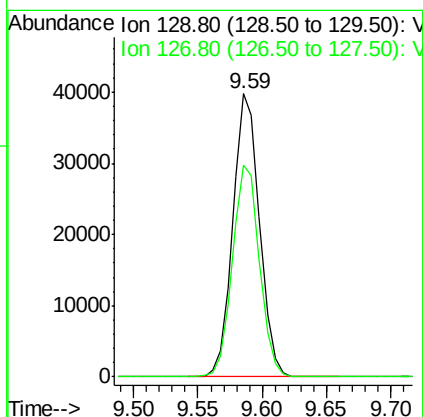
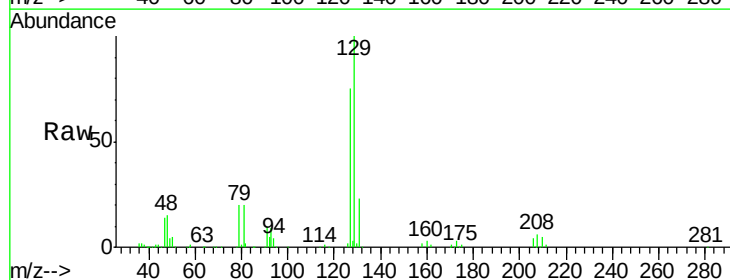
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

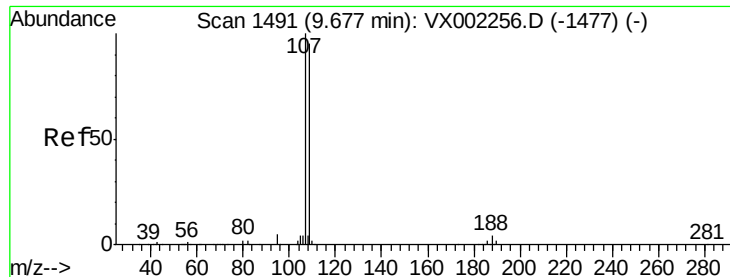
Tot Ion: 43 Resp: 379736
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.6



#60
Dibromochloromethane
Concen: 17.935 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Tgt Ion: 129 Resp: 57510
Ion Ratio Lower Upper
129 100
127 75.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.157 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

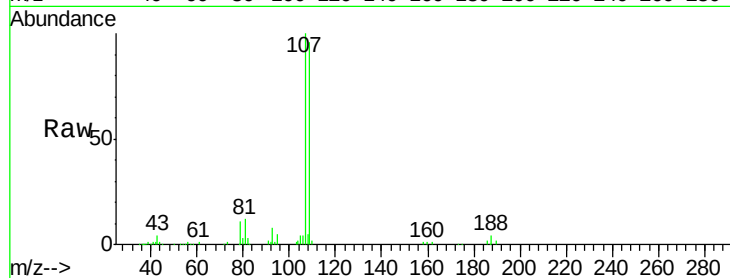
VX0607MBS01

Tot Ion:107 Resp: 63678

Ion Ratio Lower Upper

107 100

109 94.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

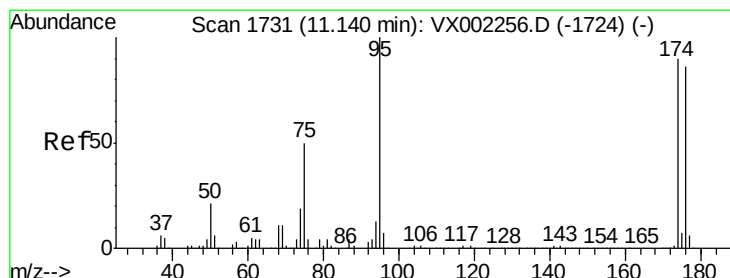
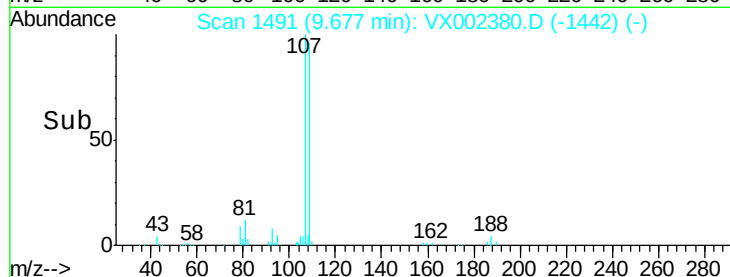
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 44.178 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

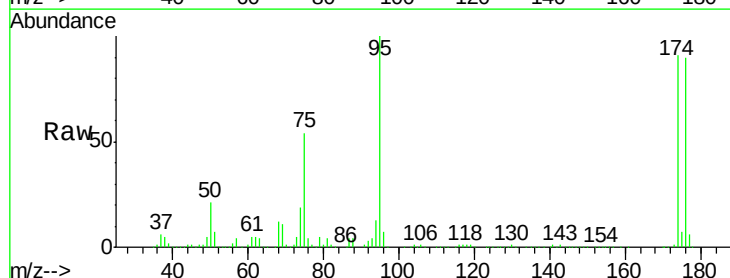
Tgt Ion: 95 Resp: 194137

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.4

176 94.1 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

200000

150000

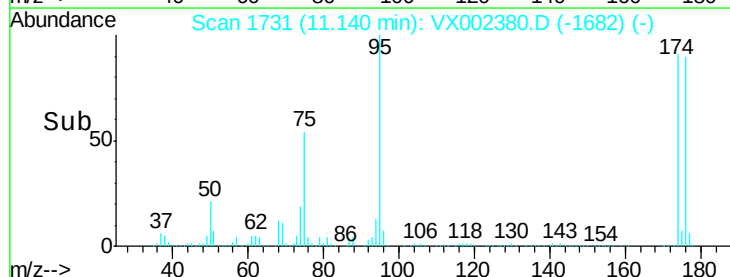
100000

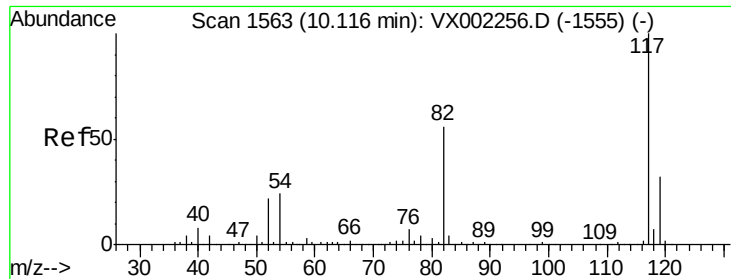
50000

0

Time-->

11.05 11.10 11.15 11.20

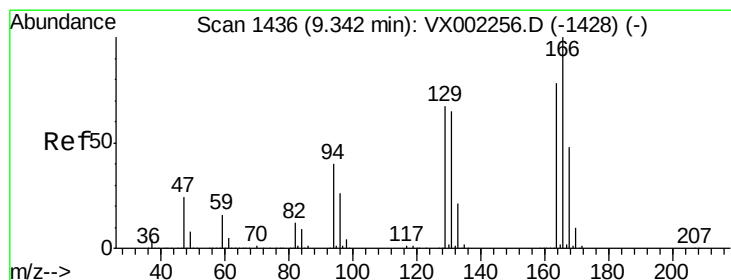
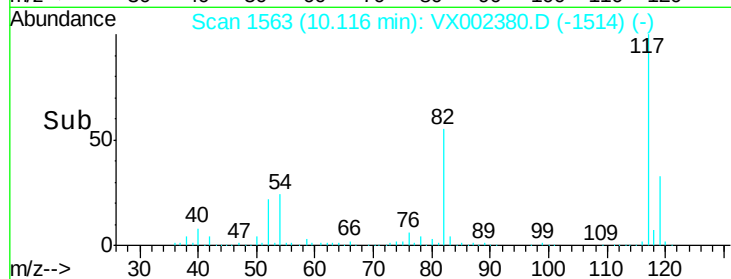
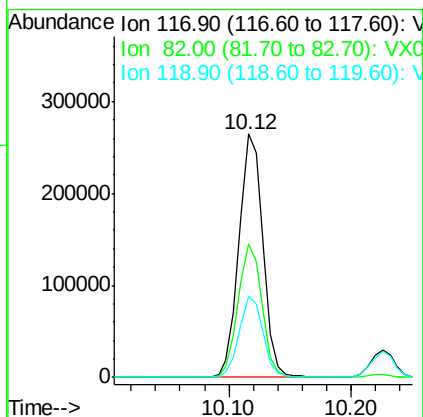
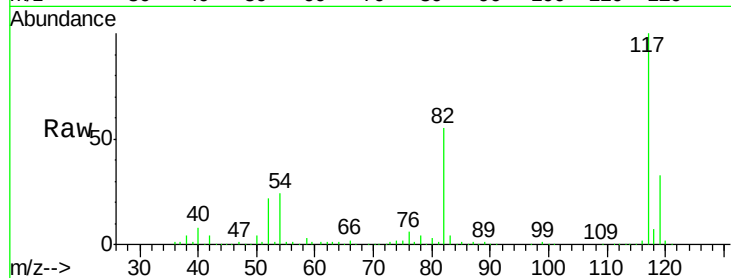




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

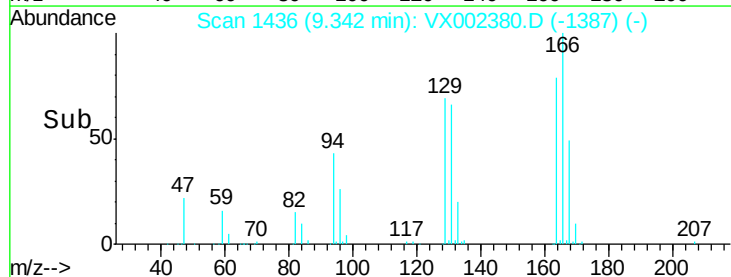
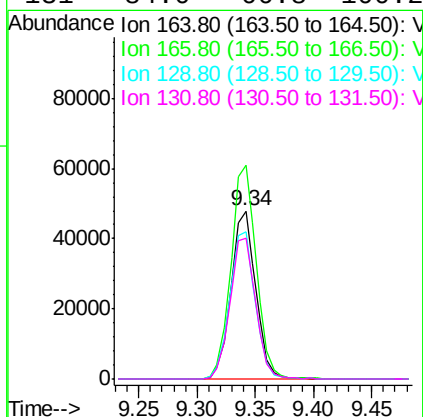
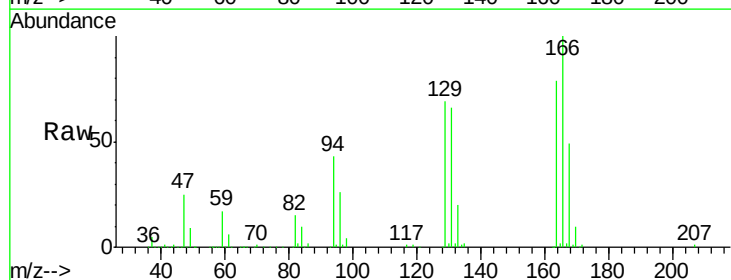
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

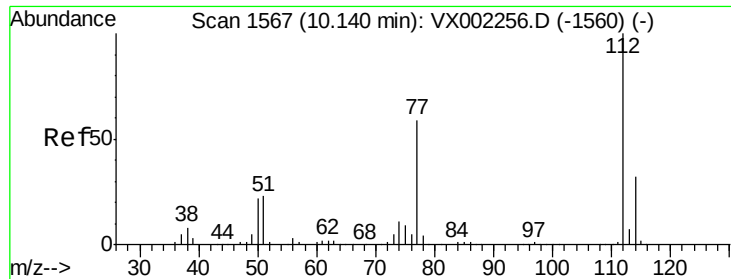
Tot Ion:117 Resp: 357845
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 33.1 25.8 38.6



#64
Tetrachloroethene
Concen: 19.249 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Tgt Ion:164 Resp: 71040
Ion Ratio Lower Upper
164 100
166 127.0 102.9 154.3
129 87.2 68.6 102.8
131 84.0 66.8 100.2

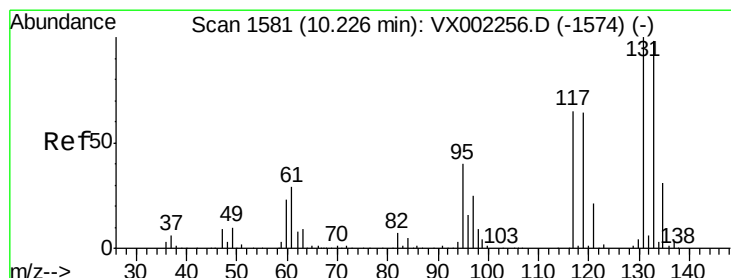
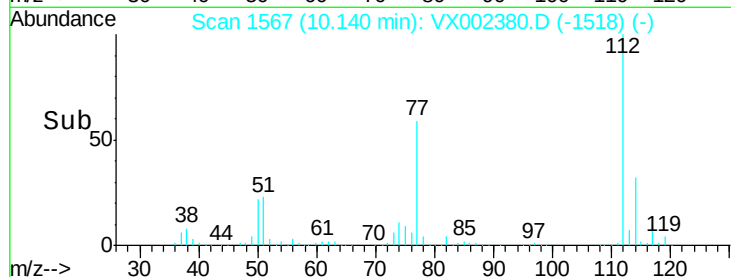
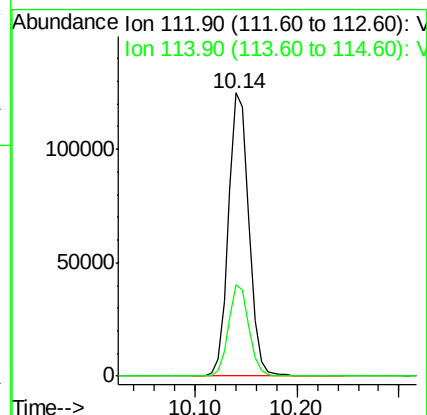
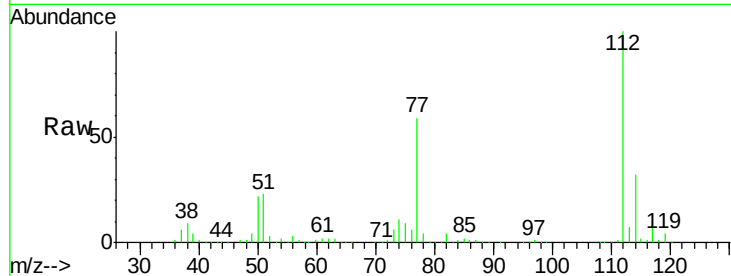




#65
Chlorobenzene
Concen: 19.428 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

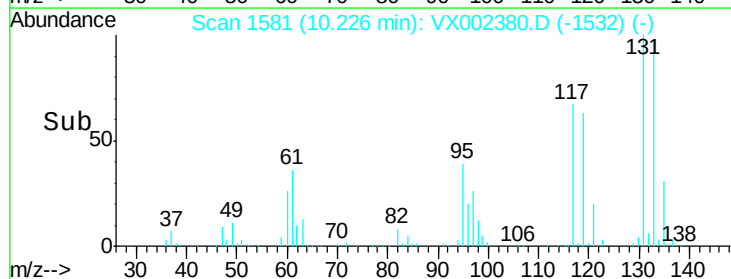
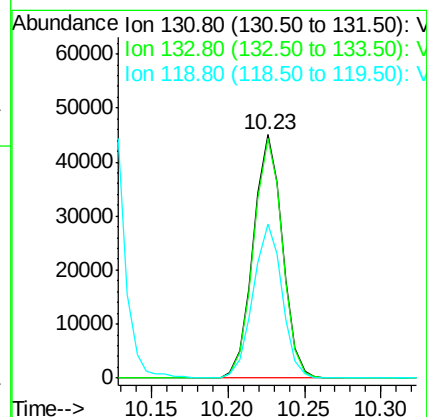
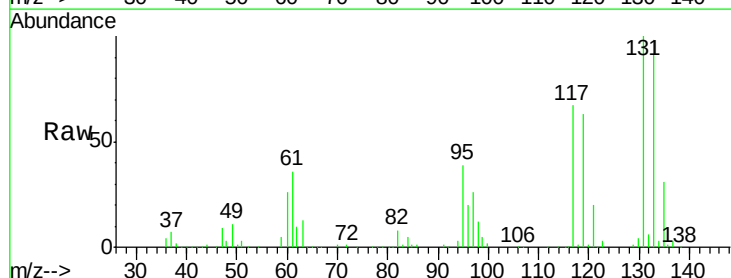
Instrument :
MSVOA_X
ClientSampled :
VX0607MBS01

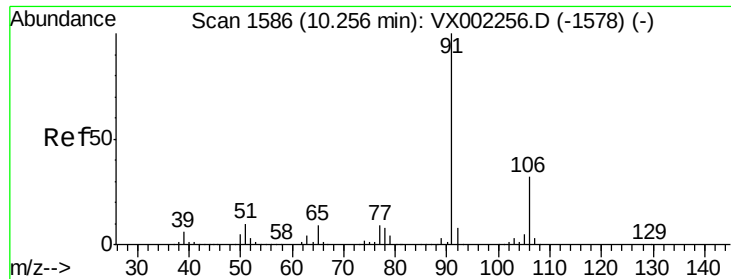
Tot Ion:112 Resp: 172990
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.562 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Tgt Ion:131 Resp: 59846
Ion Ratio Lower Upper
131 100
133 97.6 47.9 143.6
119 63.3 31.8 95.3





#67

Ethyl Benzene

Concen: 20.242 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

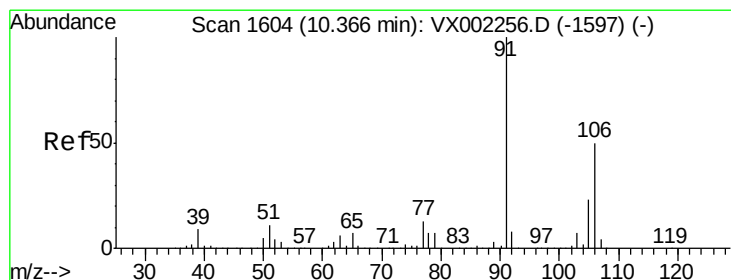
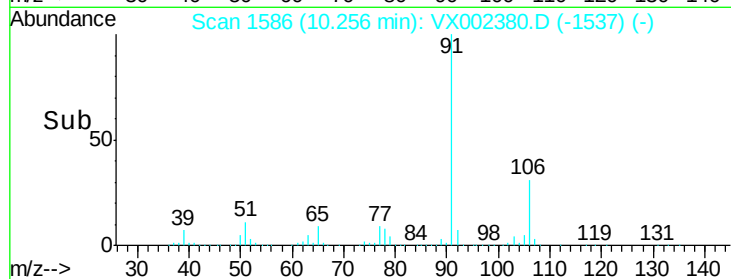
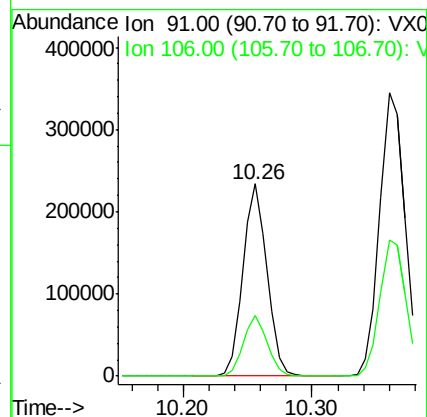
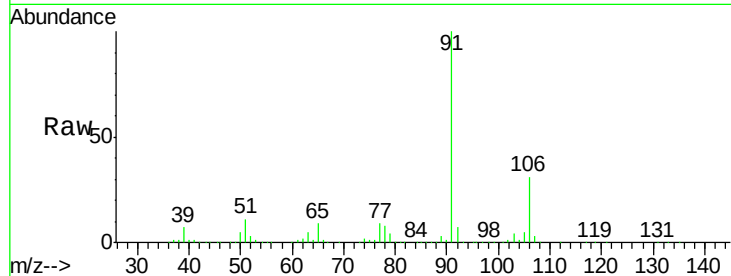
VX0607MBS01

Tot Ion: 91 Resp: 301629

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3



#68

m/p-Xylenes

Concen: 39.727 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002380.D

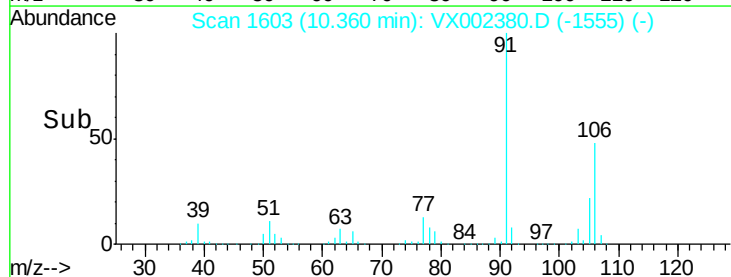
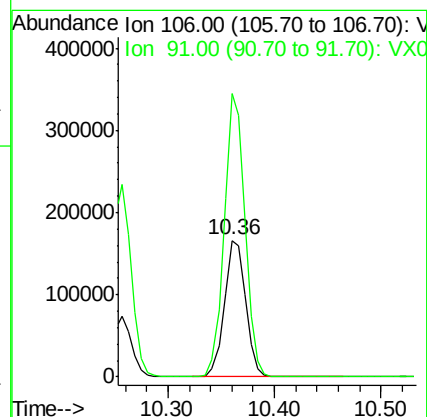
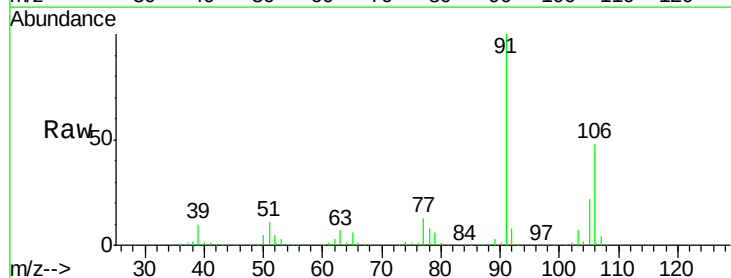
Acq: 07 Jun 2018 16:20

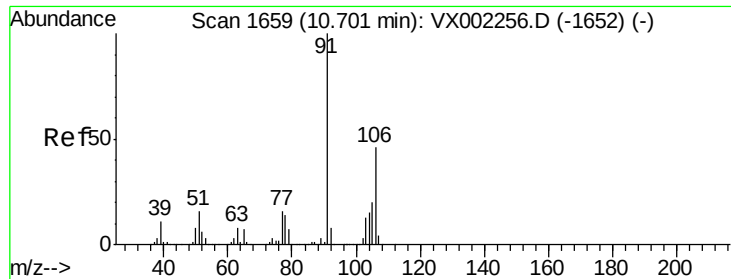
Tgt Ion: 106 Resp: 230117

Ion Ratio Lower Upper

106 100

91 202.8 163.4 245.2

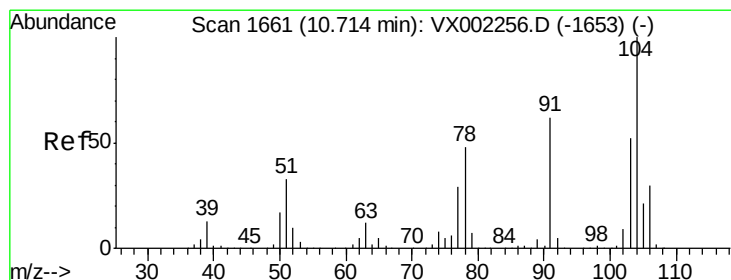
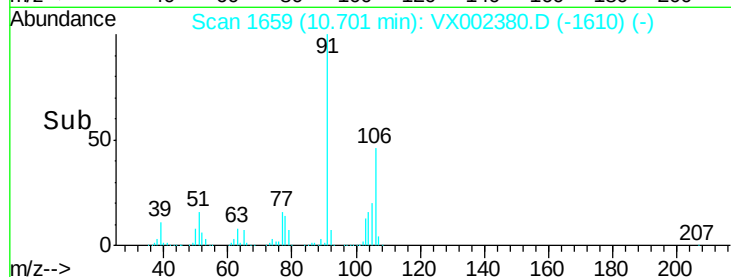
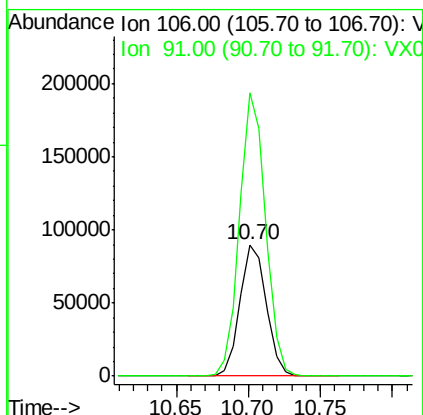
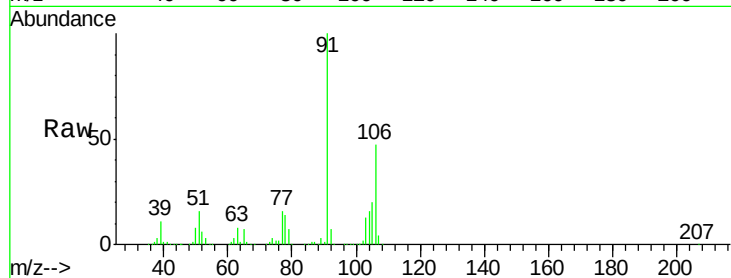




#69
o-Xylene
Concen: 19.840 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

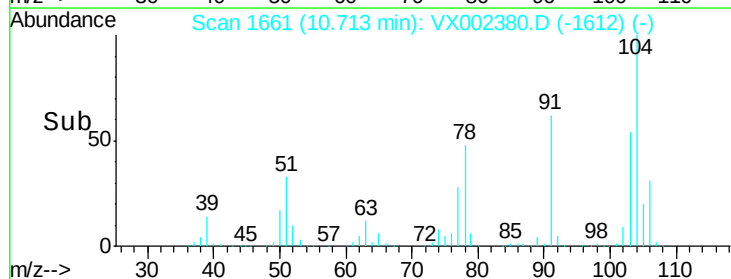
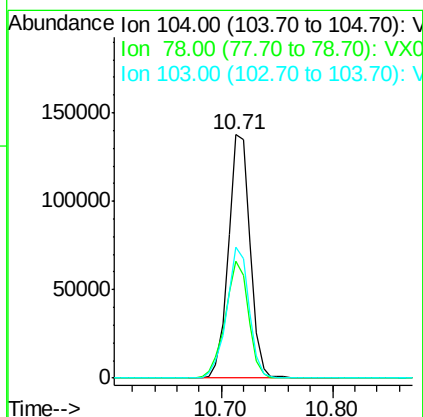
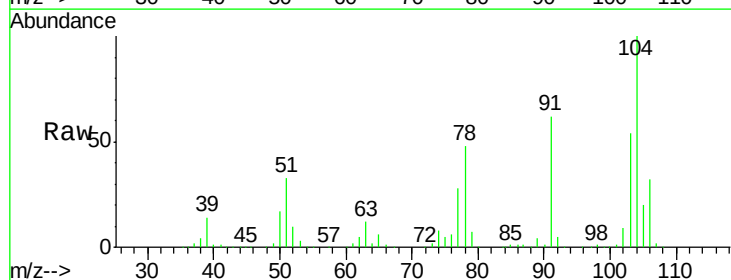
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

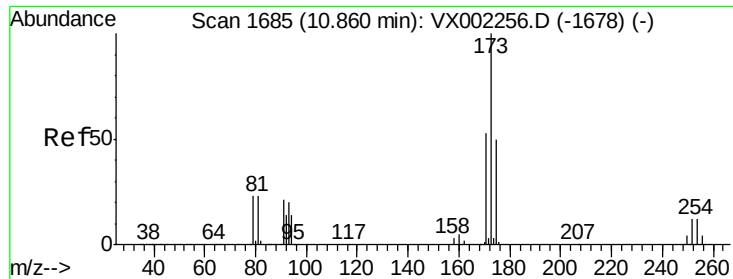
Tot Ion:106 Resp: 114368
Ion Ratio Lower Upper
106 100
91 213.1 108.2 324.6



#70
Styrene
Concen: 19.599 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Tgt Ion:104 Resp: 184689
Ion Ratio Lower Upper
104 100
78 51.6 41.0 61.6
103 55.7 44.2 66.4





#71

Bromoform

Concen: 16.688 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

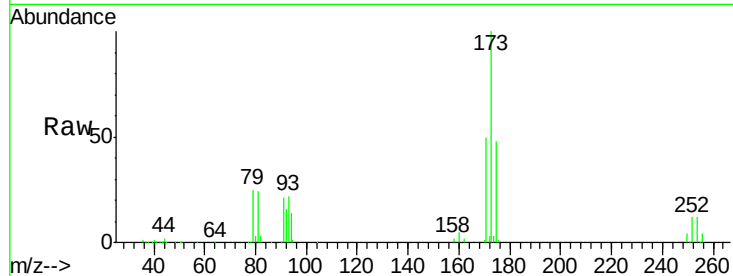
Tot Ion:173 Resp: 41042

Ion Ratio Lower Upper

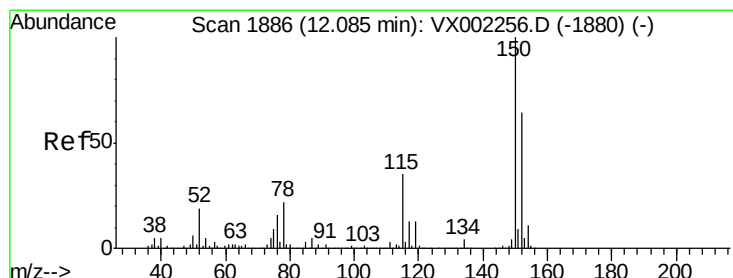
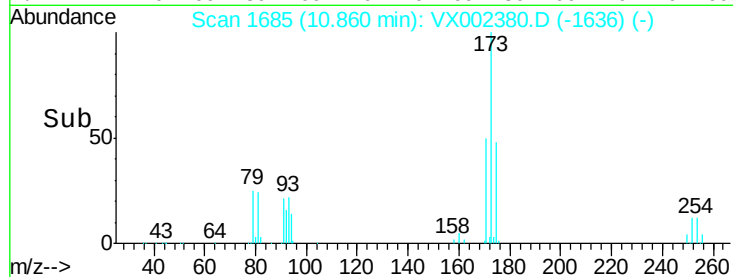
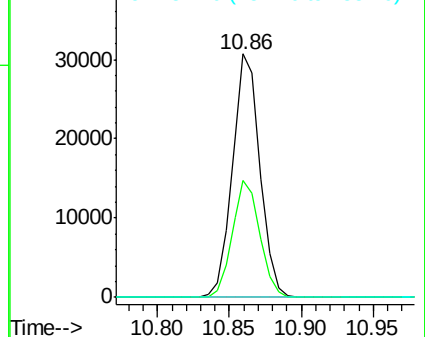
173 100

175 47.8 24.7 74.1

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

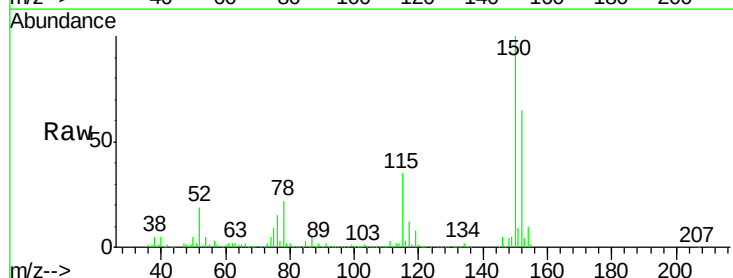
Tgt Ion:152 Resp: 220519

Ion Ratio Lower Upper

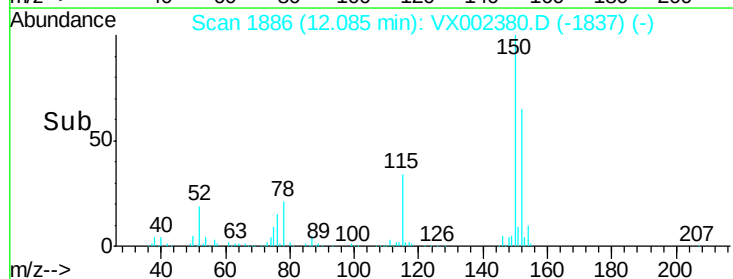
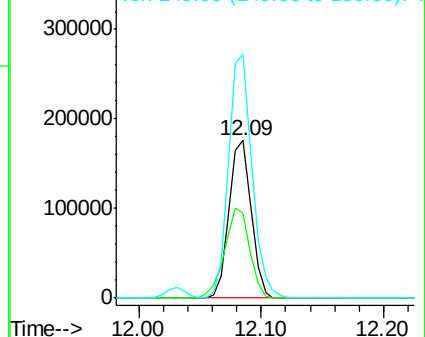
152 100

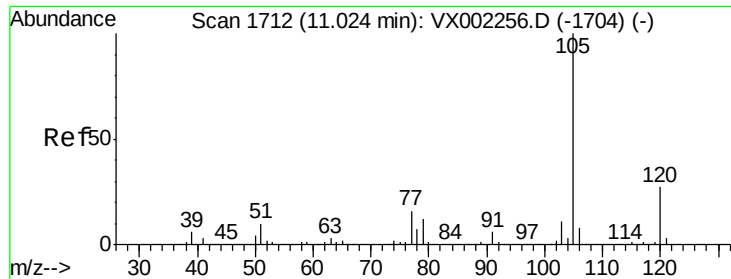
115 64.8 40.1 120.2

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: 20.256 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

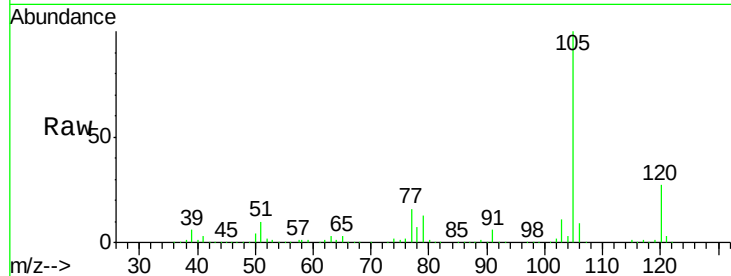
VX0607MBS01

Tot Ion:105 Resp: 310732

Ion Ratio Lower Upper

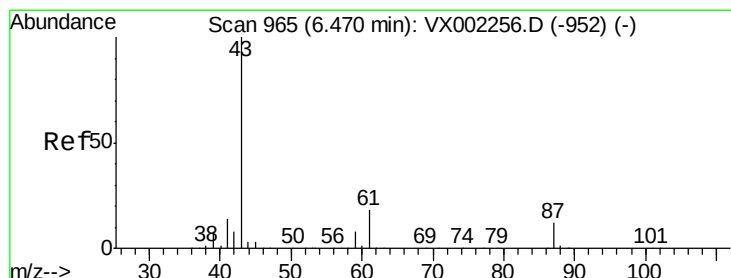
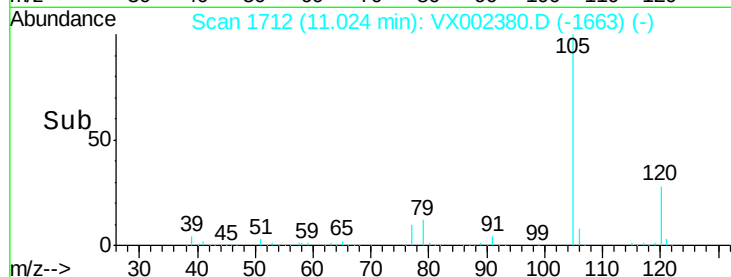
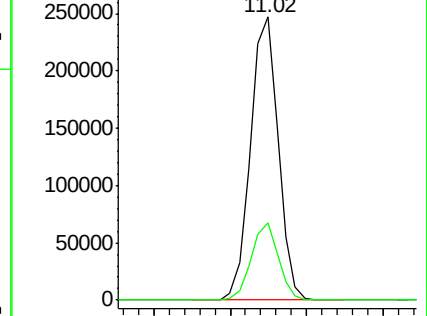
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.791 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Tgt Ion: 43 Resp: 147060

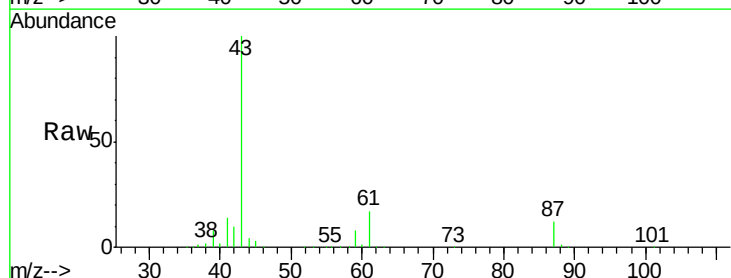
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 17.5 14.4 21.6

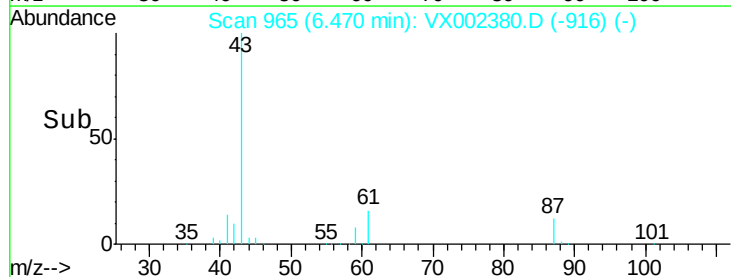
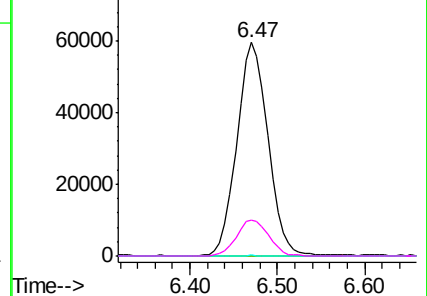


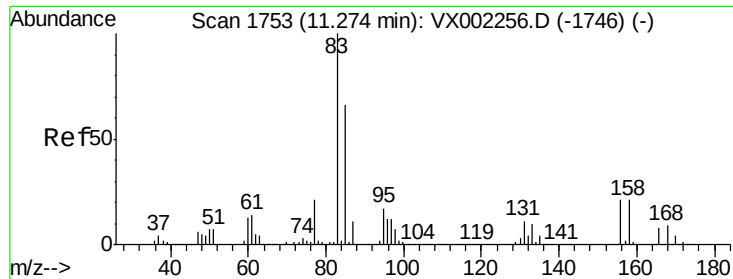
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.949 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

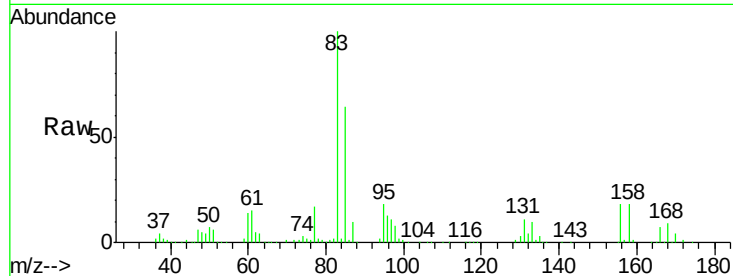
Tot Ion: 83 Resp: 91423

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

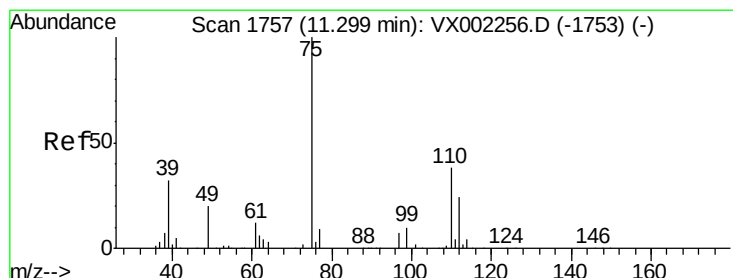
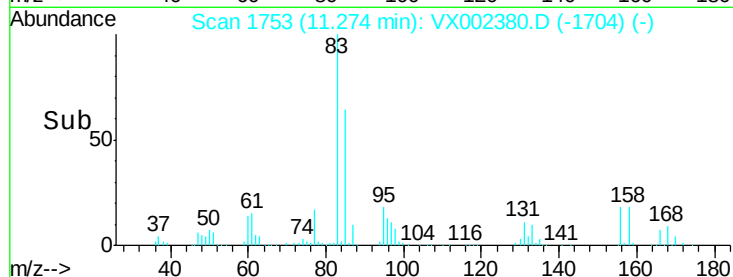
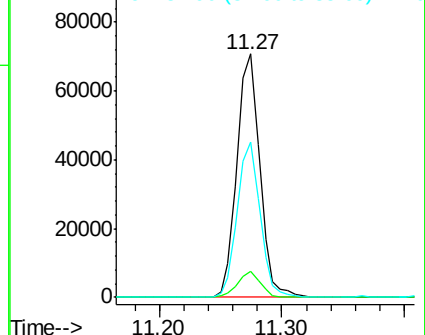
85 63.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.713 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002380.D

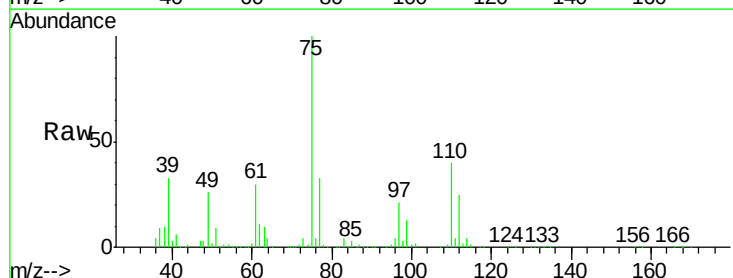
Acq: 07 Jun 2018 16:20

Tgt Ion: 75 Resp: 100227

Ion Ratio Lower Upper

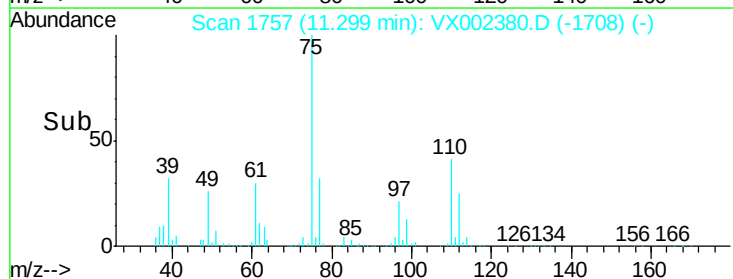
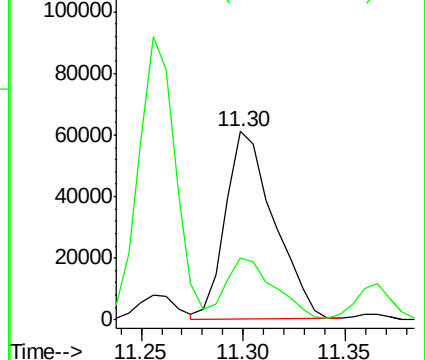
75 100

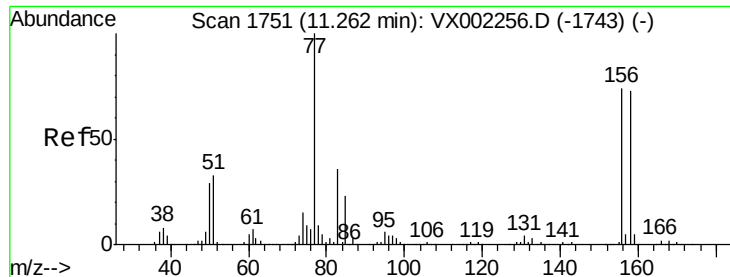
77 33.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.165 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

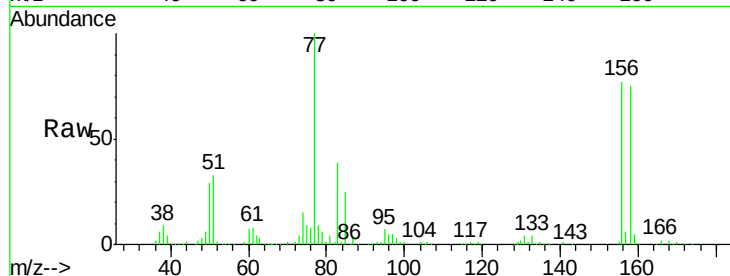
Tot Ion:156 Resp: 82535

Ion Ratio Lower Upper

156 100

77 138.7 71.4 214.2

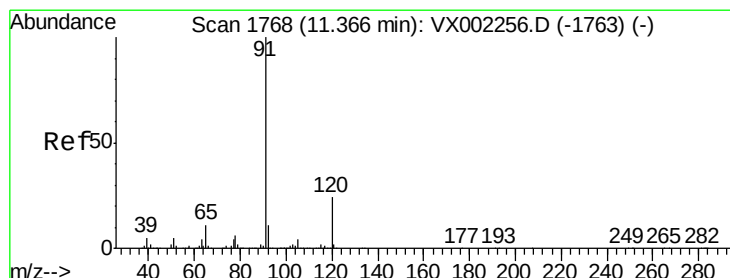
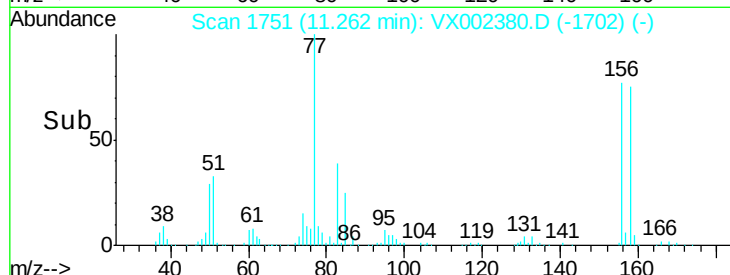
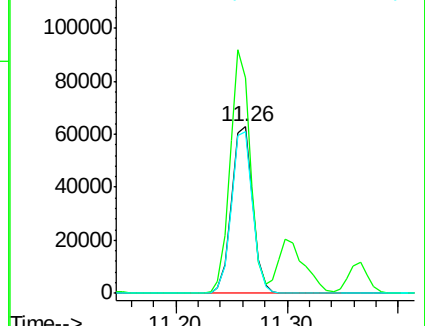
158 96.5 48.9 146.6



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: 20.515 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002380.D

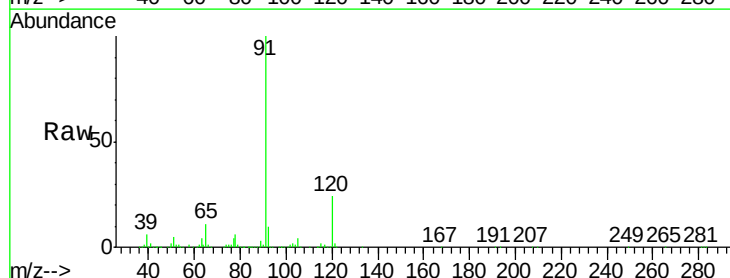
Acq: 07 Jun 2018 16:20

Tgt Ion: 91 Resp: 349786

Ion Ratio Lower Upper

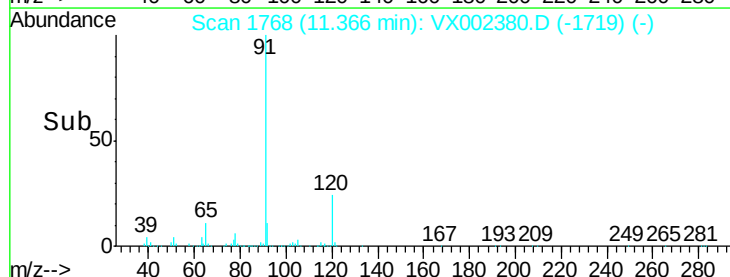
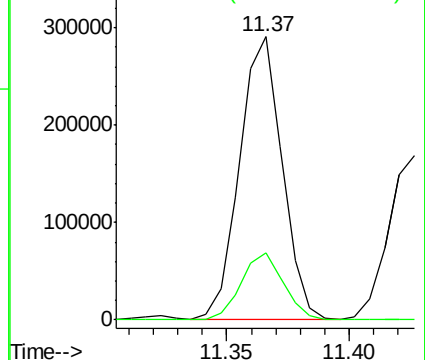
91 100

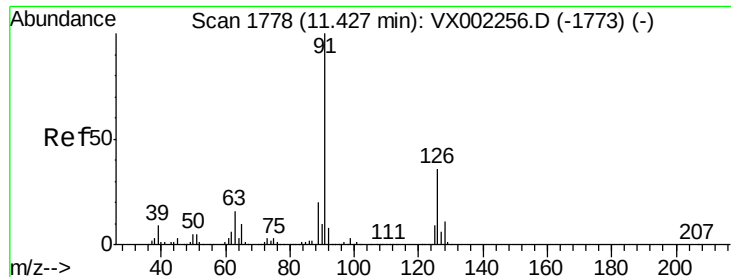
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

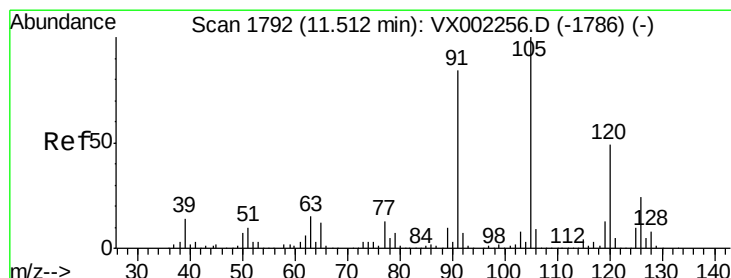
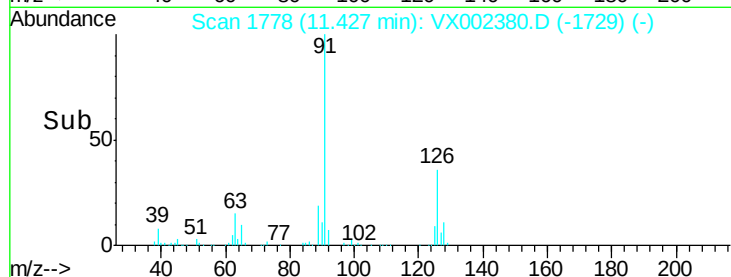
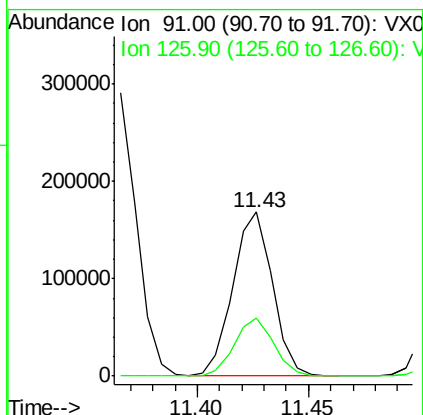
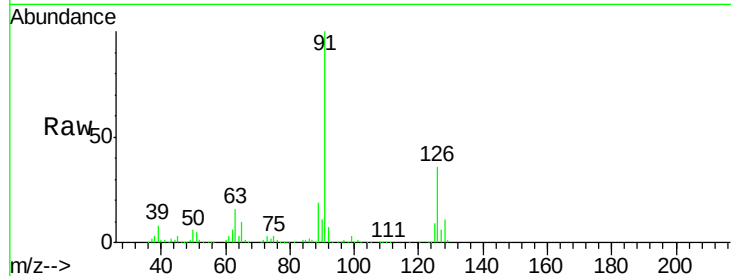




#79
 2-Chlorotoluene
 Concen: 19.353 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

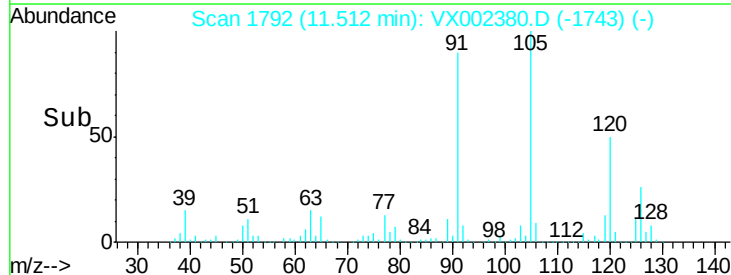
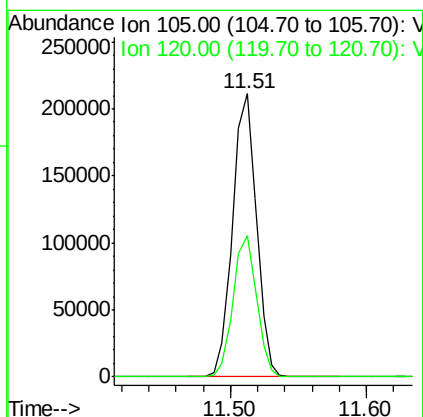
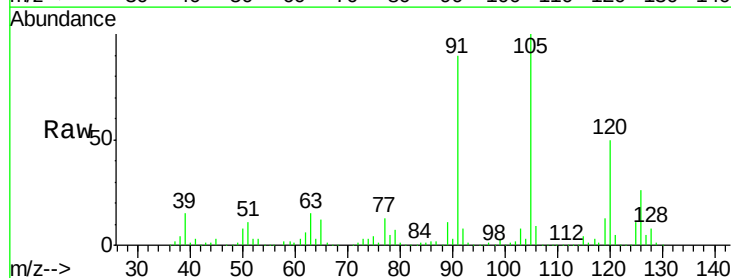
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

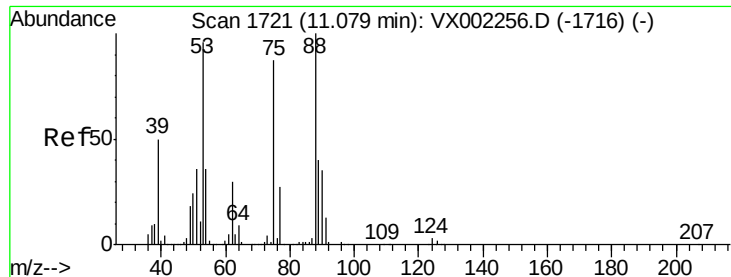
Tot Ion: 91 Resp: 208353
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.640 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Tgt Ion: 105 Resp: 258417
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.388 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

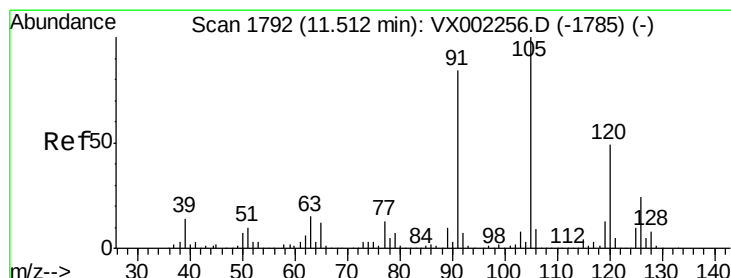
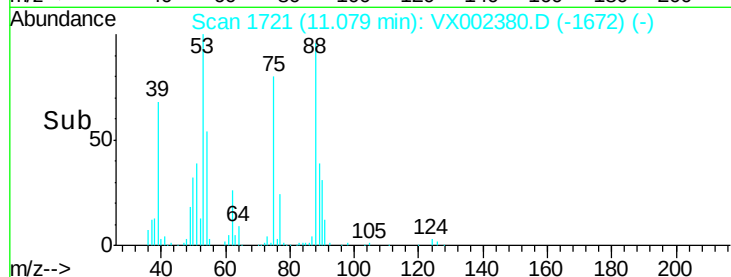
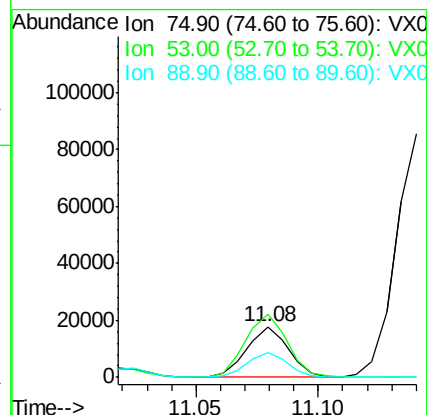
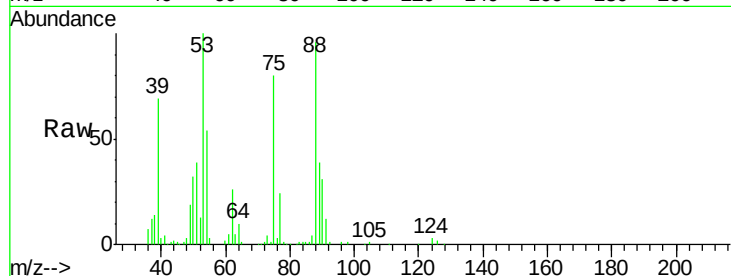
Tot Ion: 75 Resp: 21242

Ion Ratio Lower Upper

75 100

53 125.4 86.8 130.2

89 47.7 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.419 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002380.D

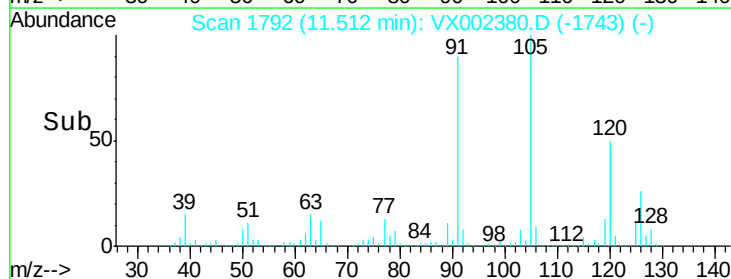
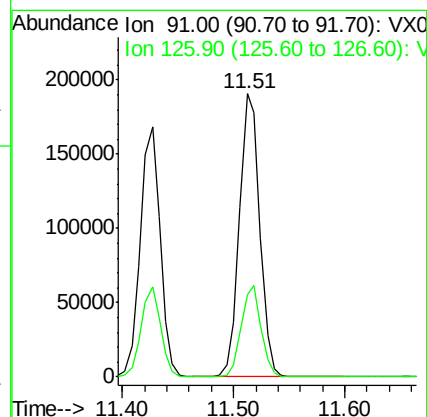
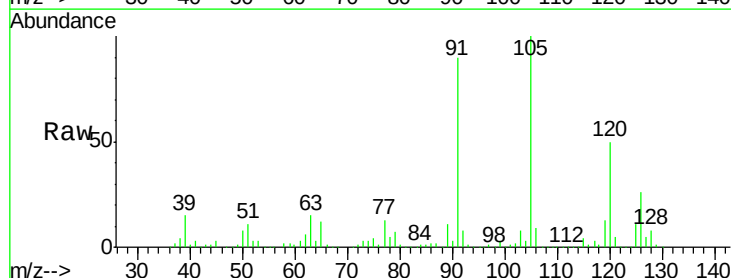
Acq: 07 Jun 2018 16:20

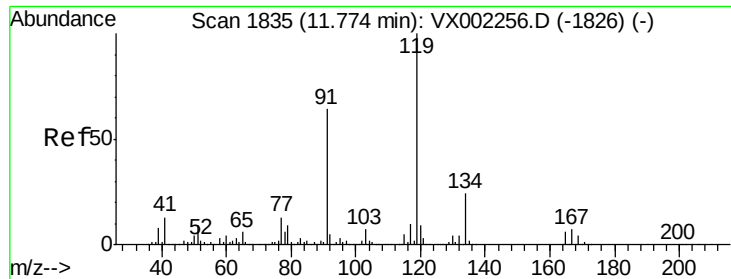
Tgt Ion: 91 Resp: 241314

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4

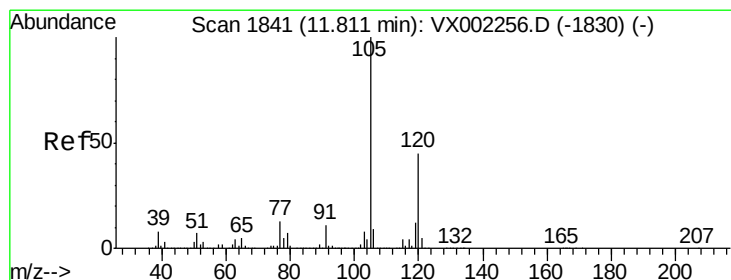
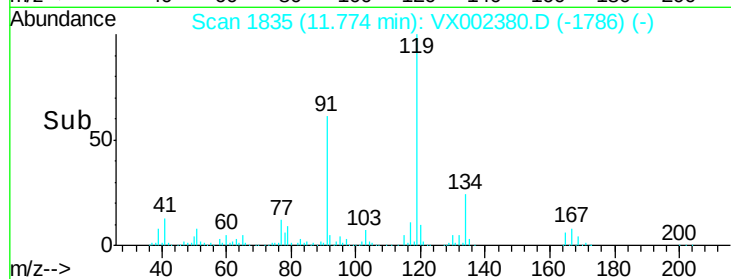
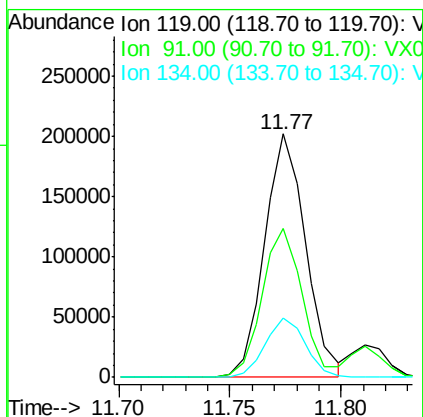
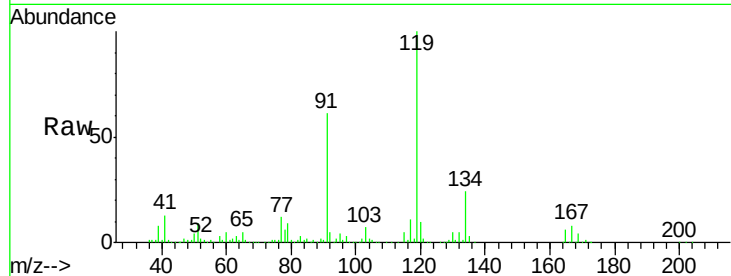




#83
 tert-Butylbenzene
 Concen: 20.195 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

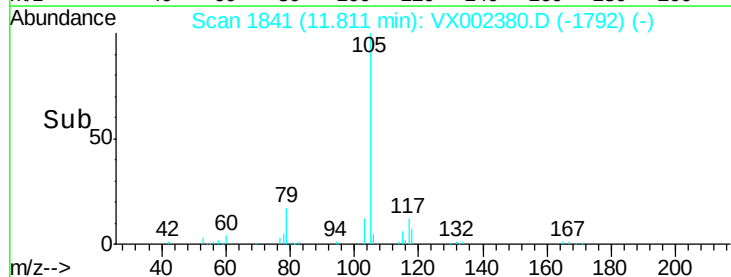
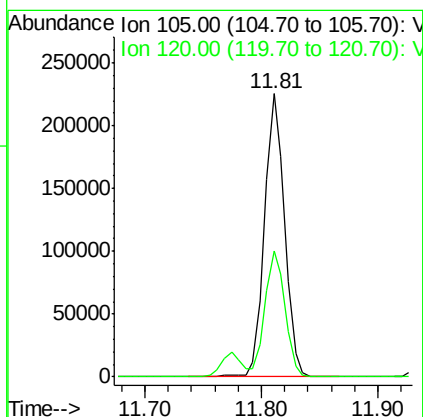
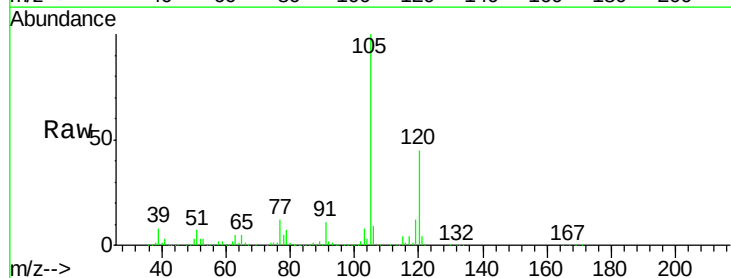
Instrument :
 MSVOA_X
 ClientSampled :
 VX0607MBS01

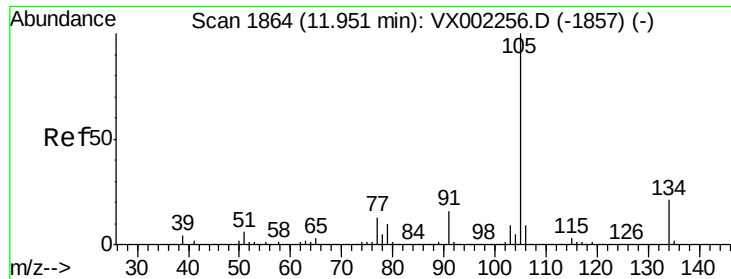
Tot Ion:119 Resp: 258753
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.3 90.9
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.844 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Tgt Ion:105 Resp: 268781
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.153 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

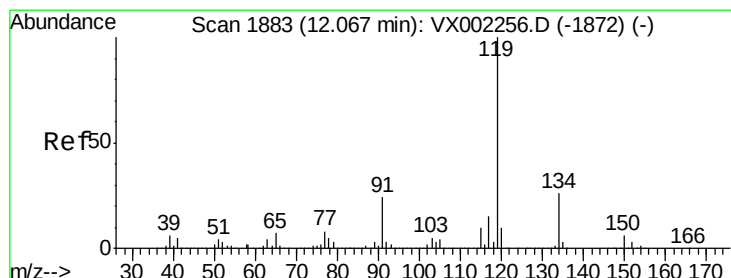
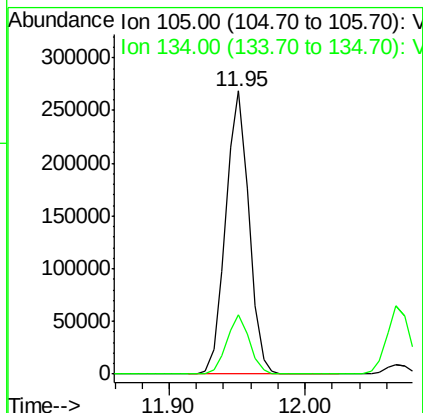
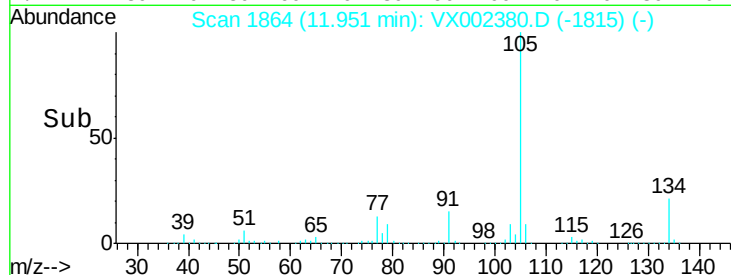
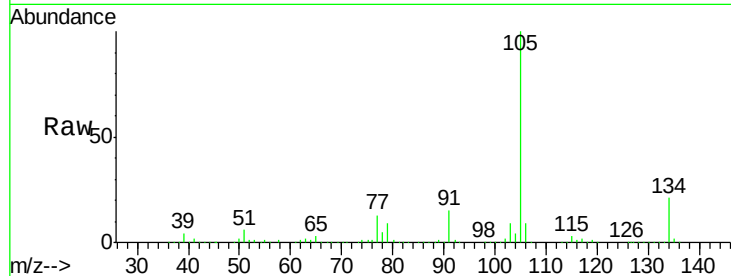
VX0607MBS01

Tot Ion:105 Resp: 317730

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.759 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

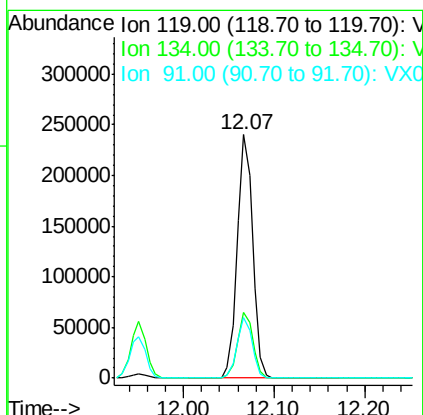
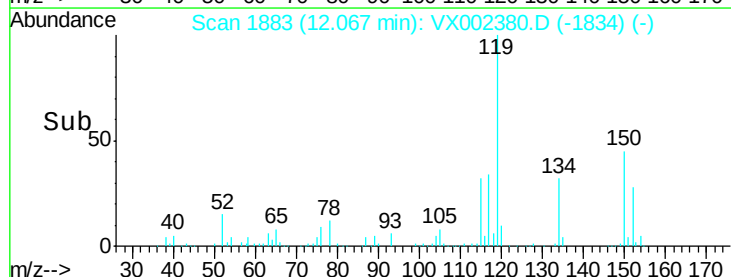
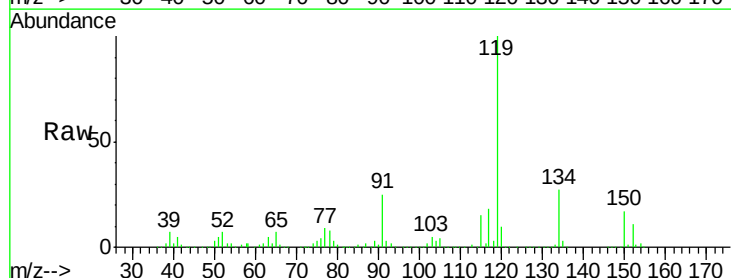
Tgt Ion:119 Resp: 284021

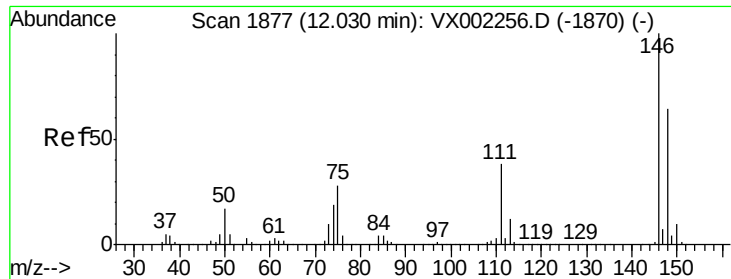
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 24.4 11.9 35.7

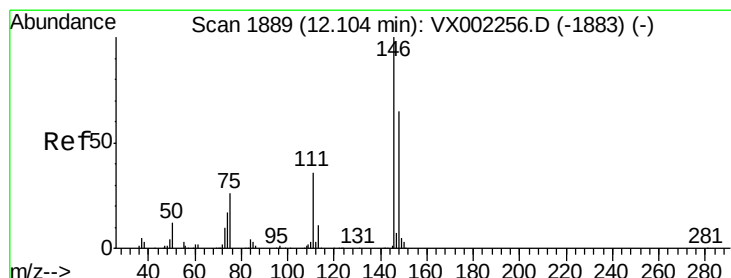
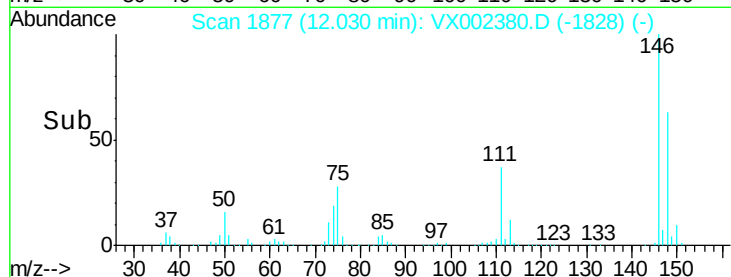
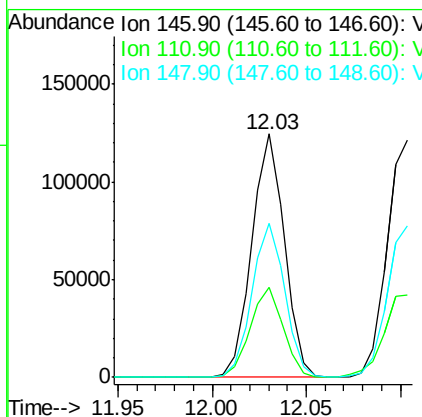
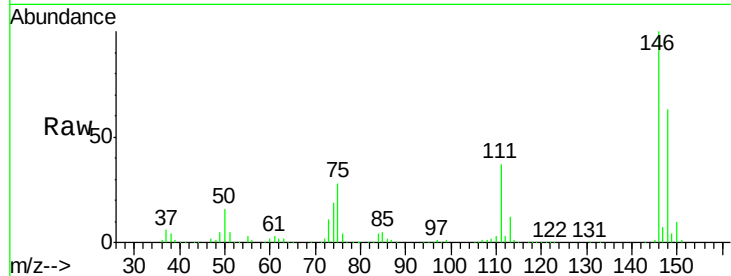




#87
 1,3-Dichlorobenzene
 Concen: 19.406 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

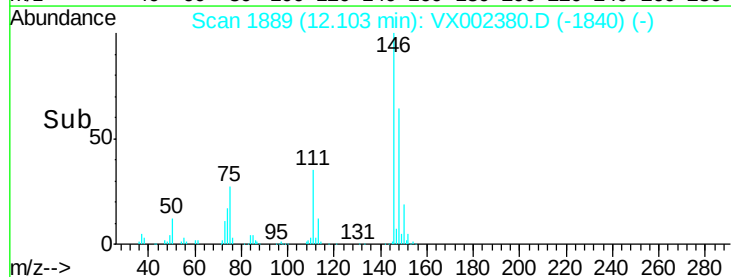
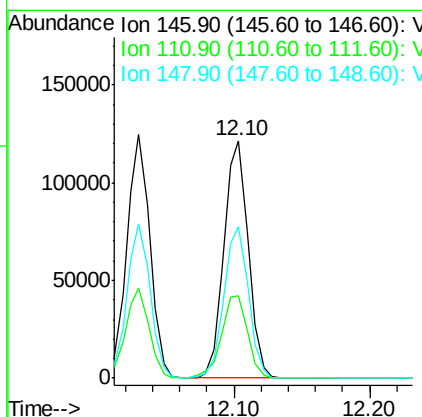
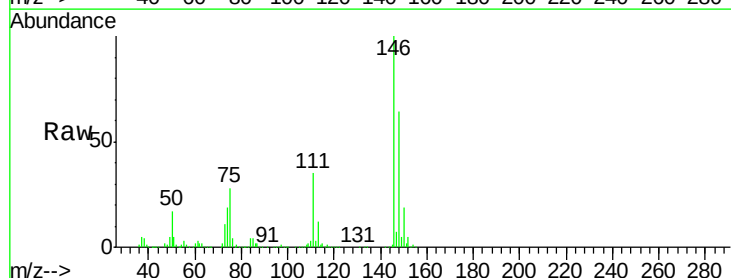
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

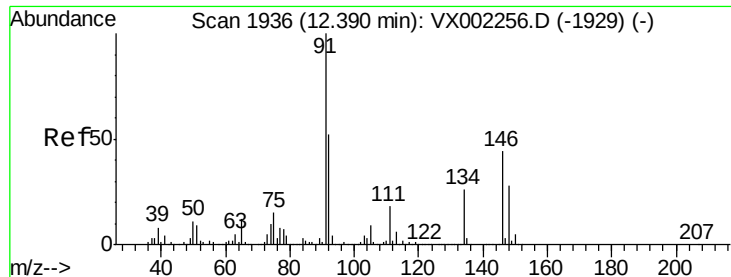
Tot Ion:146 Resp: 149432
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 63.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.948 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Tgt Ion:146 Resp: 150392
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.7 56.1
 148 64.4 32.4 97.0

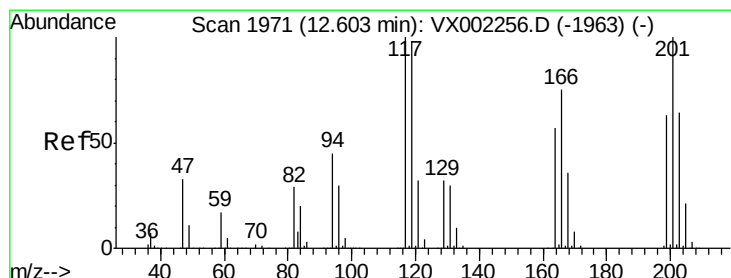
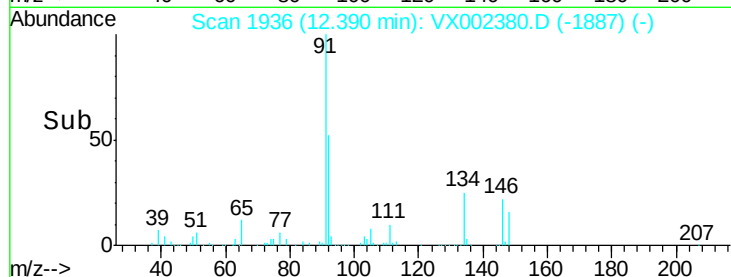
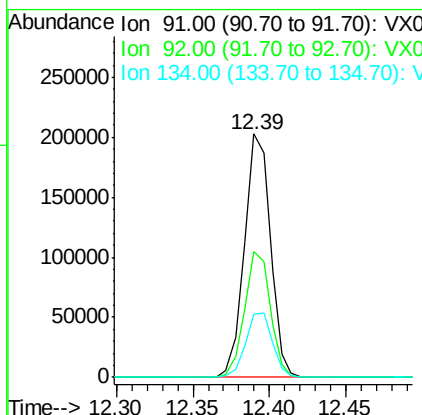
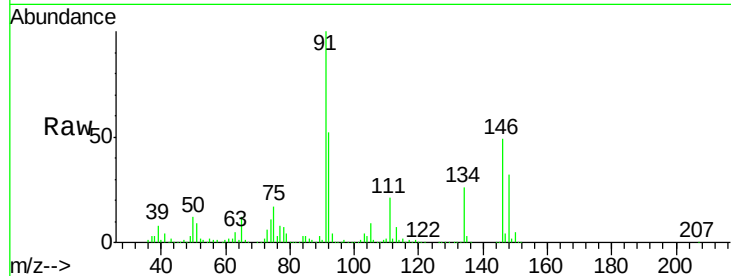




#89
n-Butylbenzene
Concen: 20.848 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

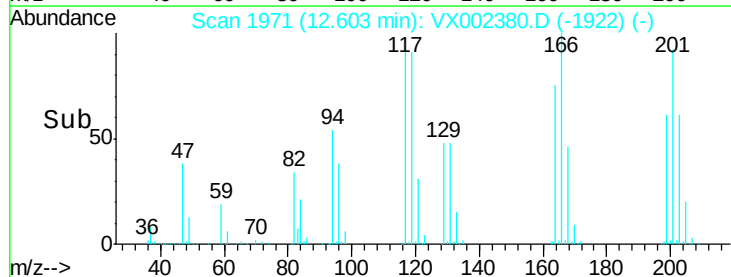
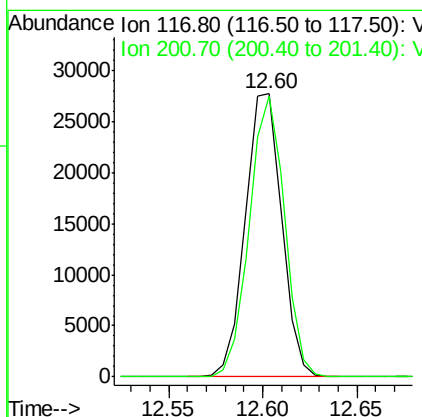
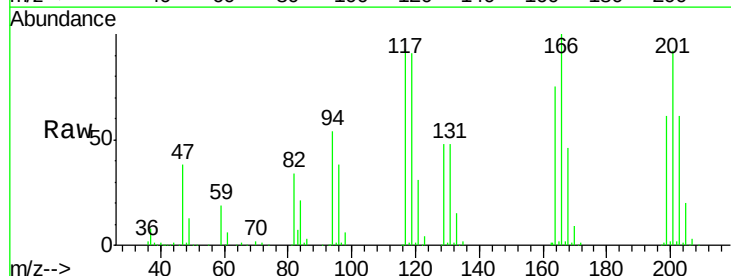
Instrument :
MSVOA_X
ClientSampled :
VX0607MBS01

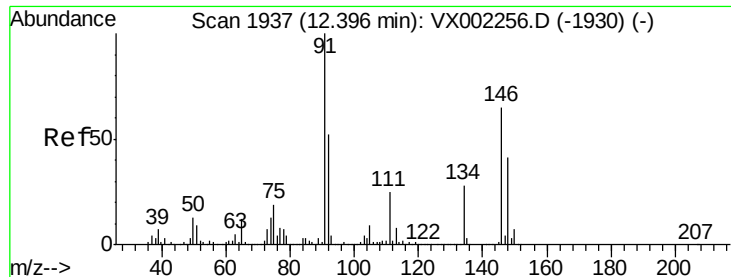
Tot Ion: 91 Resp: 239230
Ion Ratio Lower Upper
91 100
92 51.3 26.0 78.0
134 27.1 13.5 40.5



#90
Hexachloroethane
Concen: 17.016 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002380.D
Acq: 07 Jun 2018 16:20

Tgt Ion: 117 Resp: 37164
Ion Ratio Lower Upper
117 100
201 95.7 49.0 147.0

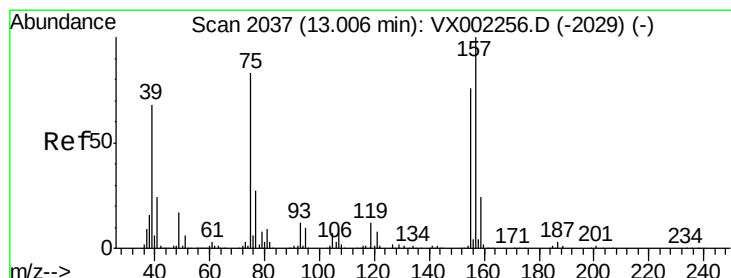
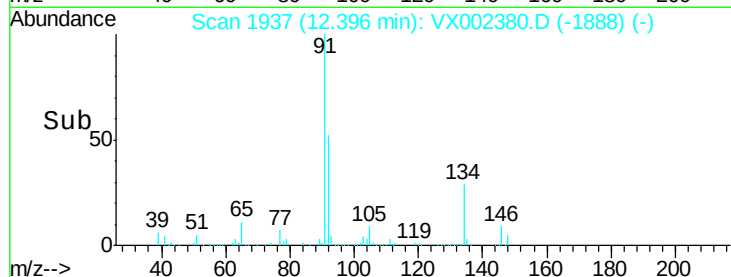
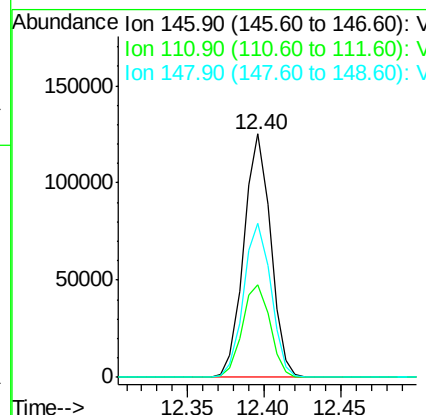
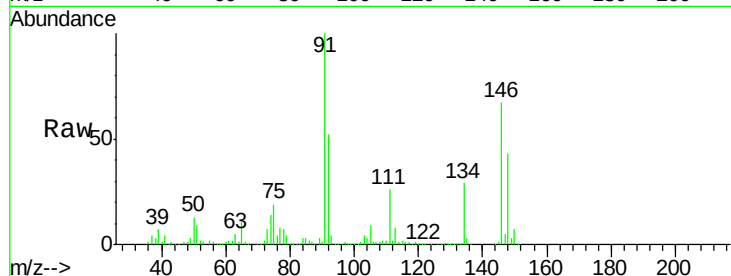




#91
 1,2-Dichlorobenzene
 Concen: 19.167 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

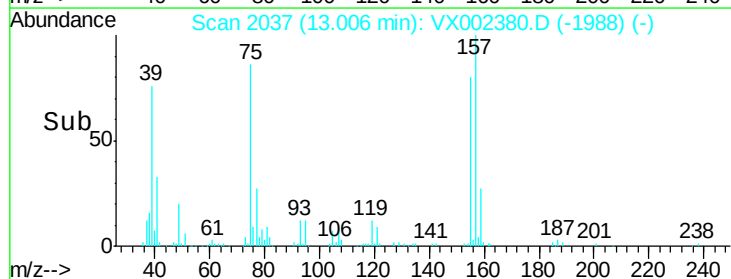
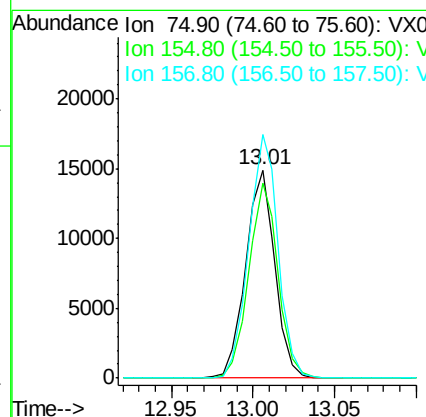
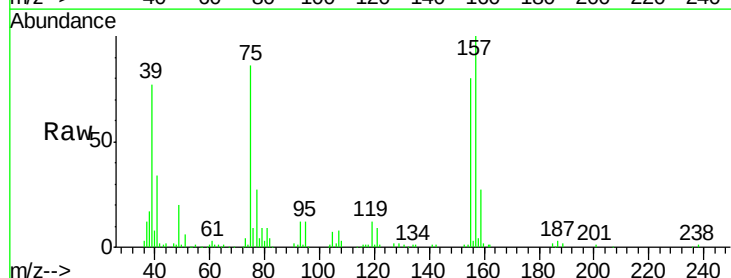
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

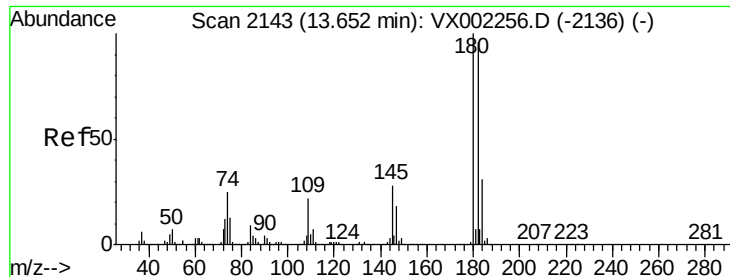
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.1
148	64.7	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.580 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.1	45.8	137.4
157	117.7	60.1	180.3

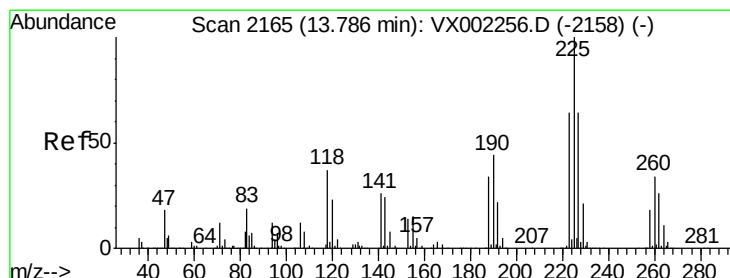
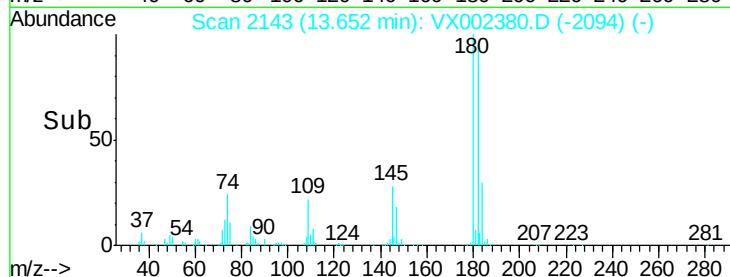
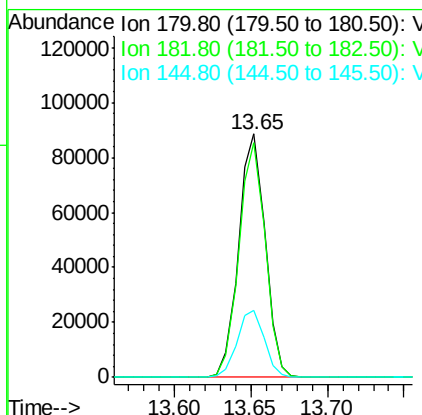
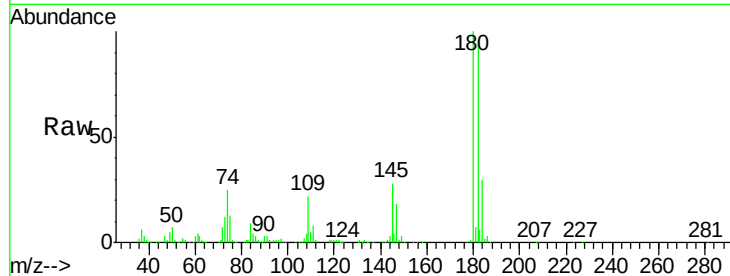




#93
 1,2,4-Trichlorobenzene
 Concen: 19.037 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

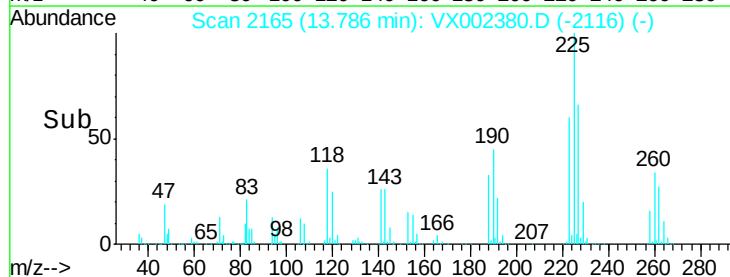
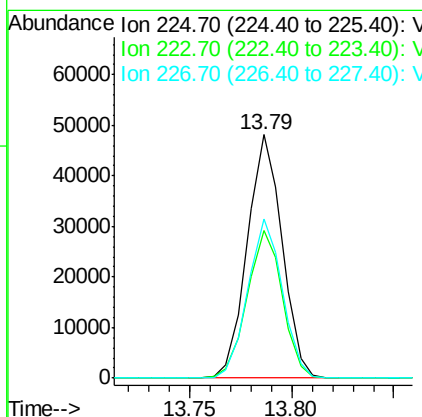
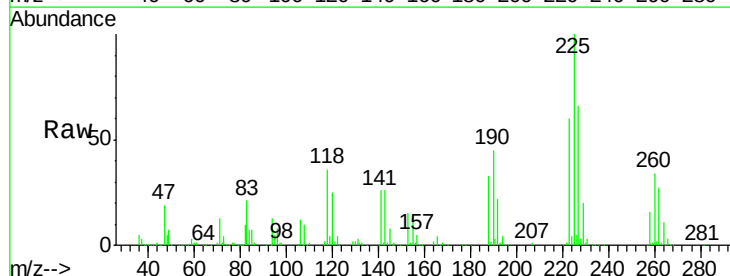
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

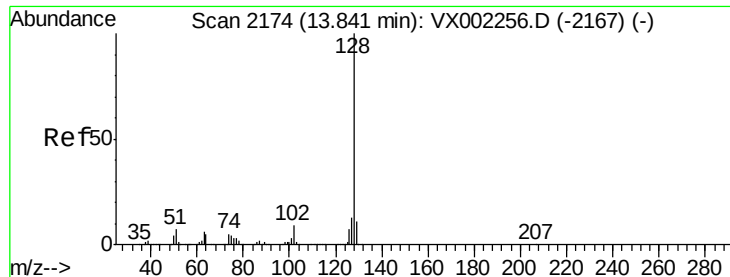
Tot Ion:180 Resp: 106348
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.7 143.1
 145 28.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.766 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002380.D
 Acq: 07 Jun 2018 16:20

Tgt Ion:225 Resp: 57327
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.6 95.0
 227 64.9 32.4 97.2





#95

Naphthalene

Concen: 19.785 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002380.D

Acq: 07 Jun 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

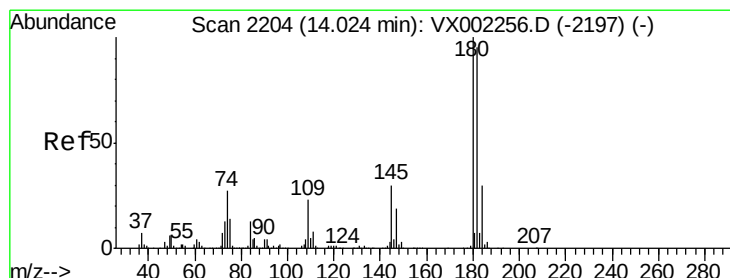
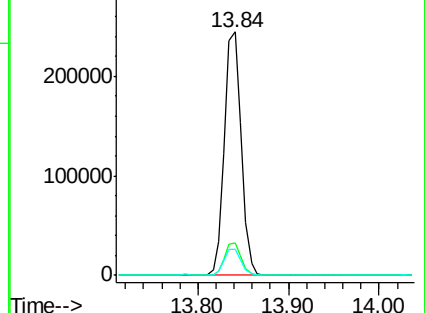
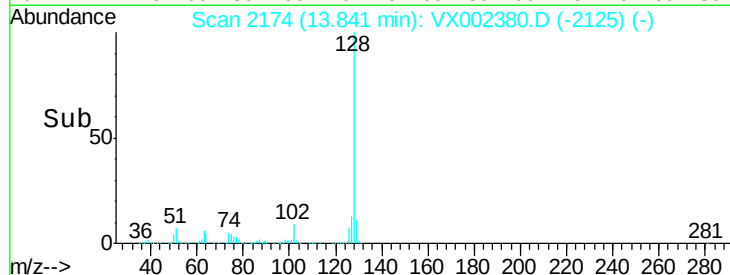
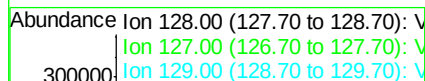
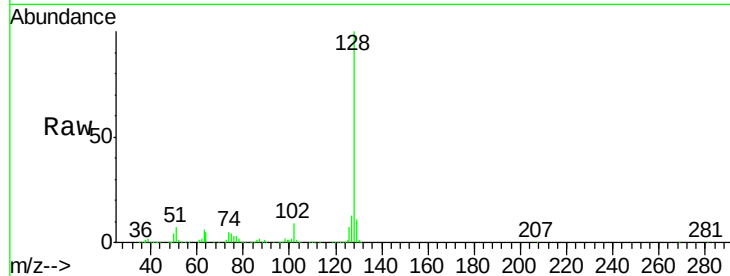
Tot Ion:128 Resp: 317571

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.394 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

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Tgt Ion:180 Resp: 110496

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.0

145 30.6 14.8 44.3

