

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001113.D
 Acq On : 25 Apr 2018 10:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 25 13:52:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	212204	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	133735	44.19	ug/l	0.00
Spiked Amount			Recovery	=	88.38%	
35) Dibromofluoromethane	5.51	113	110695	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
50) Toluene-d8	8.72	98	392904	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	
62) 4-Bromofluorobenzene	11.14	95	165319	44.39	ug/l	0.00
Spiked Amount			Recovery	=	88.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	139839	47.233	ug/l	99
3) Chloromethane	1.32	50	120206	43.602	ug/l	99
4) Vinyl Chloride	1.41	62	125762	44.014	ug/l	99
5) Bromomethane	1.64	94	83053	50.610	ug/l	100
6) Chloroethane	1.73	64	75392	44.404	ug/l	98
7) Trichlorofluoromethane	1.93	101	203492	47.402	ug/l	99
8) Diethyl Ether	2.19	74	69911	44.093	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	118827	47.245	ug/l	99
10) Methyl Iodide	2.51	142	101405	42.245	ug/l	99
11) Tert butyl alcohol	3.07	59	120992	265.117	ug/l	99
12) 1,1-Dichloroethene	2.38	96	101942	43.830	ug/l	98
13) Acrolein	2.30	56	39651	277.618	ug/l	99
14) Allyl chloride	2.73	41	190484	45.253	ug/l	96
15) Acrylonitrile	3.15	53	282353	228.606	ug/l	99
16) Acetone	2.45	43	302270	265.268	ug/l	98
17) Carbon Disulfide	2.57	76	259408	39.134	ug/l	100
18) Methyl Acetate	2.78	43	185703	53.857	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	363238	46.455	ug/l	100
20) Methylene Chloride	2.86	84	113230	47.056	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	109500	42.290	ug/l	98
22) Diisopropyl ether	3.87	45	367722	45.130	ug/l	94
23) Vinyl Acetate	3.83	43	1519040	225.180	ug/l	100
24) 1,1-Dichloroethane	3.70	63	203857	44.603	ug/l	99
25) 2-Butanone	4.71	43	426360	239.689	ug/l	100
26) 2,2-Dichloropropane	4.59	77	176771	44.960	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	126612	43.898	ug/l	100
28) Bromochloromethane	5.03	49	81681	46.473	ug/l	97
29) Tetrahydrofuran	5.17	42	258342	229.830	ug/l	99
30) Chloroform	5.22	83	218415	46.143	ug/l	99
31) Cyclohexane	5.59	56	181486	42.541	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	194729	45.883	ug/l	99
36) 1,1-Dichloropropene	5.81	75	161409	43.646	ug/l	100
37) Ethyl Acetate	4.87	43	157830	46.526	ug/l	99
38) Carbon Tetrachloride	5.79	117	172594	46.091	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	198388	46.088	ug/l	99
40) Benzene	6.15	78	466625	45.385	ug/l	98
41) Methacrylonitrile	5.07	41	94497	44.608	ug/l	99
42) 1,2-Dichloroethane	6.20	62	181945	46.104	ug/l	100
43) Isopropyl Acetate	6.47	43	272947	46.899	ug/l	99
44) Trichloroethene	7.22	130	138318	44.035	ug/l	99
45) 1,2-Dichloropropane	7.52	63	119691	46.298	ug/l	100
46) Dibromomethane	7.67	93	83410	46.177	ug/l	97
47) Bromodichloromethane	7.90	83	159631	47.704	ug/l	98
48) Methyl methacrylate	7.78	41	148539	47.400	ug/l	96
49) 1,4-Dioxane	7.76	88	53182	1154.060	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	875886	247.868	ug/l	99
52) Toluene	8.79	92	308165	45.923	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	191804	47.928	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	180816	47.915	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	125639	47.105	ug/l	99
56) Ethyl methacrylate	9.19	69	188173	48.034	ug/l	98
57) 1,3-Dichloropropane	9.38	76	205948	46.610	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	457639	239.359	ug/l	99
59) 2-Hexanone	9.50	43	684404	253.037	ug/l	98
60) Dibromochloromethane	9.59	129	137624	49.129	ug/l	99
61) 1,2-Dibromoethane	9.68	107	134016	47.611	ug/l	99
64) Tetrachloroethene	9.34	164	145526	45.373	ug/l	97
65) Chlorobenzene	10.14	112	364789	45.360	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	134282	48.648	ug/l	99
67) Ethyl Benzene	10.26	91	615780	46.108	ug/l	100
68) m/p-Xylenes	10.37	106	486955	92.513	ug/l	98
69) o-Xylene	10.70	106	235788	46.465	ug/l	99
70) Styrene	10.72	104	395369	47.308	ug/l	99
71) Bromoform	10.86	173	111059	43.585	ug/l	99
73) Isopropylbenzene	11.02	105	651868	46.988	ug/l	99
74) N-amyl acetate	6.47	43	272947	45.993	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	189215	48.180	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	214391	58.232	ug/l	87
77) Bromobenzene	11.26	156	182116	45.224	ug/l	99
78) n-propylbenzene	11.37	91	744756	46.763	ug/l	100
79) 2-Chlorotoluene	11.43	91	438206	46.563	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	562971	47.873	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	49087	41.504	ug/l	95
82) 4-Chlorotoluene	11.52	91	526547	46.305	ug/l	99
83) tert-Butylbenzene	11.77	119	573328	48.327	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	578536	47.804	ug/l	99
85) sec-Butylbenzene	11.95	105	685774	48.427	ug/l	100
86) p-Isopropyltoluene	12.07	119	637243	48.646	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	339760	45.068	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	349756	45.200	ug/l	99
89) n-Butylbenzene	12.40	91	562582	48.269	ug/l	100
90) Hexachloroethane	12.60	117	93502	50.373	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	339811	46.561	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42286	51.398	ug/l	95

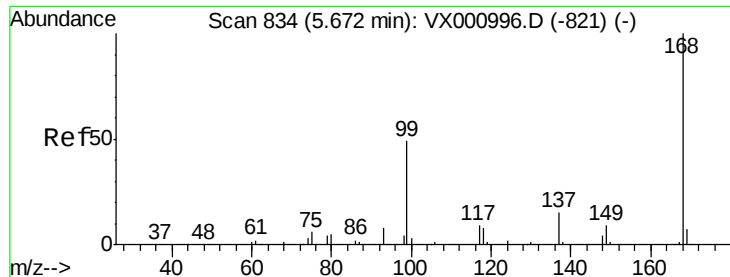
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	278626	45.479	ug/l	99
94) Hexachlorobutadiene	13.79	225	145020	52.313	ug/l	99
95) Naphthalene	13.84	128	721446	47.881	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	275671	46.523	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

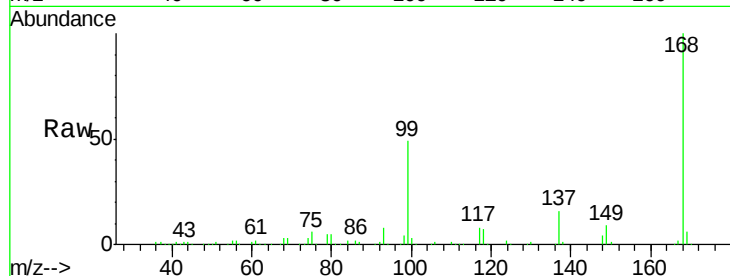
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 238720

Ion Ratio Lower Upper

168 100

99 49.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

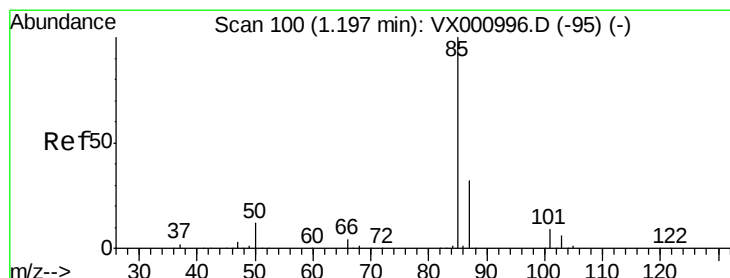
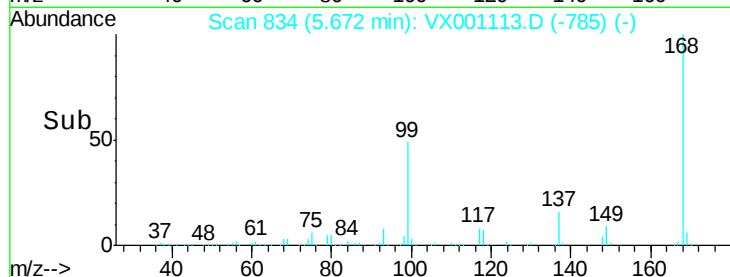
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.233 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001113.D

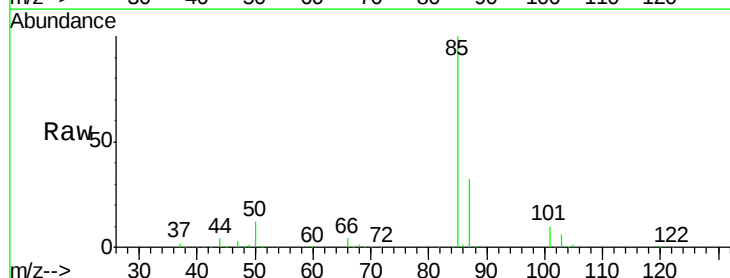
Acq: 25 Apr 2018 10:50

Tgt Ion: 85 Resp: 139839

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

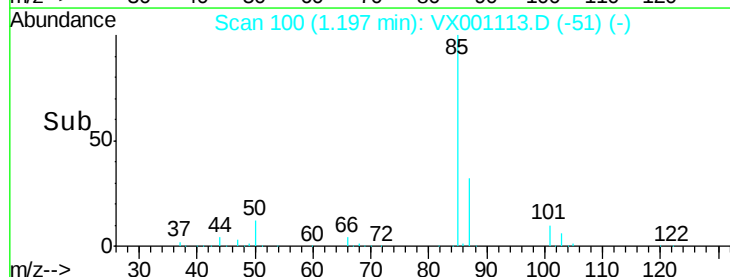
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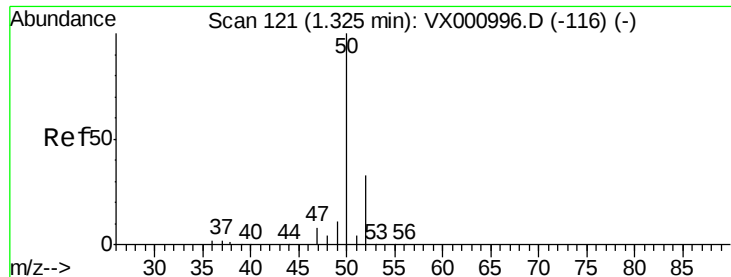
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 43.602 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

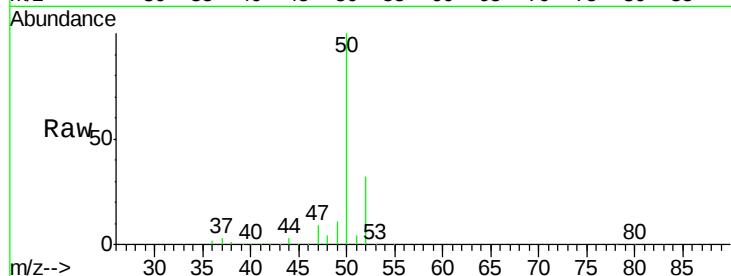
ClientSampleId :

Tot Ion: 50 Resp: 120206

Ion Ratio Lower Upper

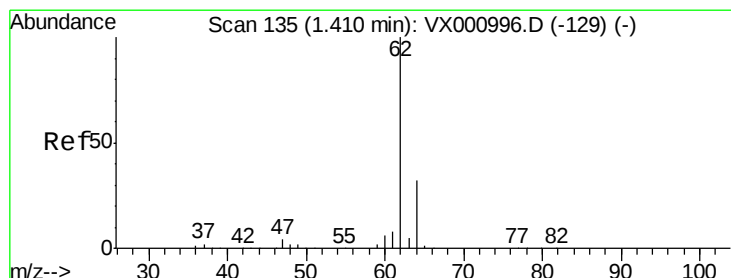
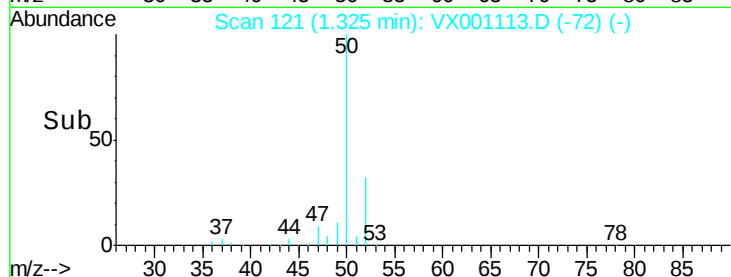
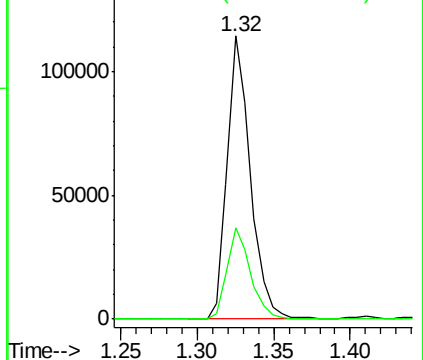
50 100

52 32.4 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.014 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001113.D

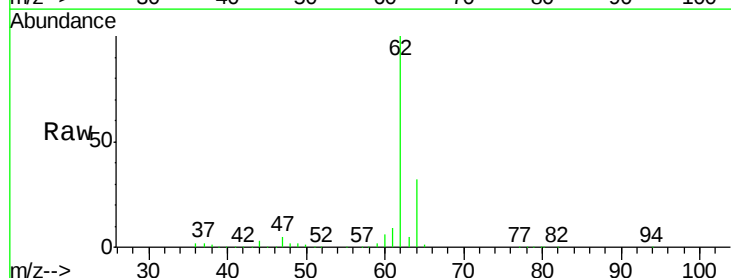
Acq: 25 Apr 2018 10:50

Tgt Ion: 62 Resp: 125762

Ion Ratio Lower Upper

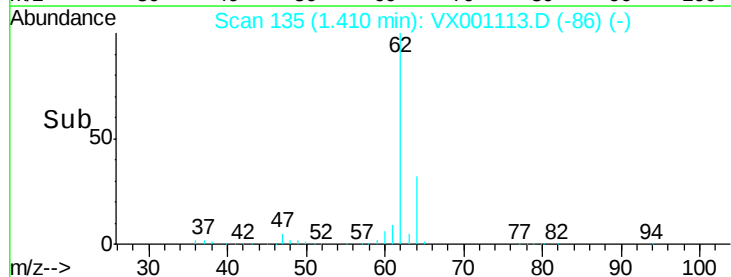
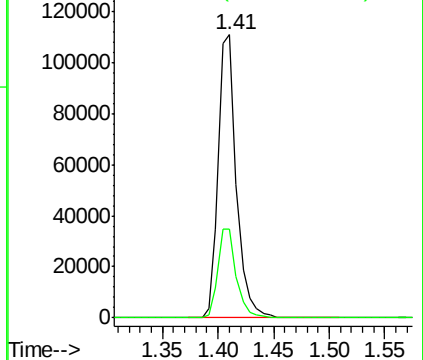
62 100

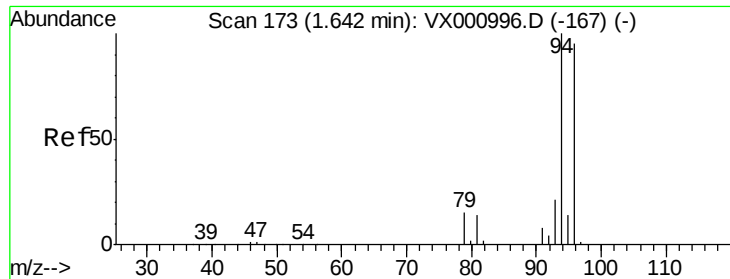
64 31.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.610 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

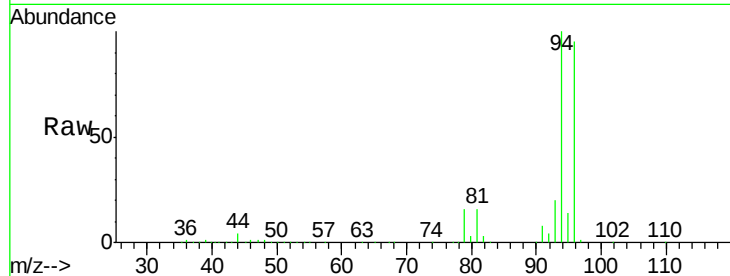
ClientSampleId :

Tot Ion: 94 Resp: 83053

Ion Ratio Lower Upper

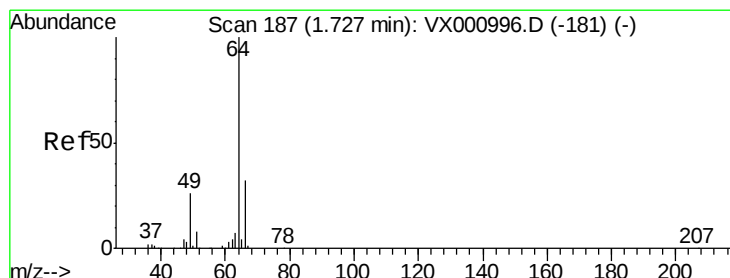
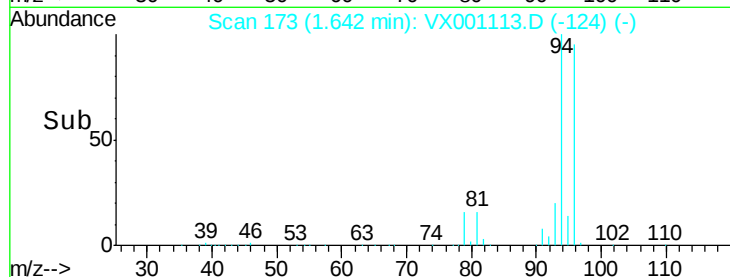
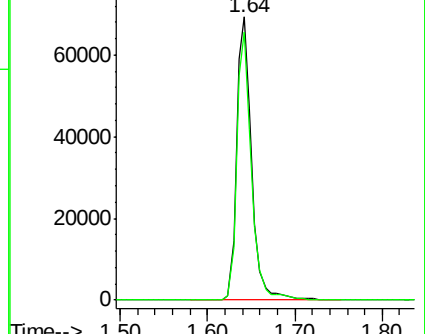
94 100

96 95.0 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.404 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001113.D

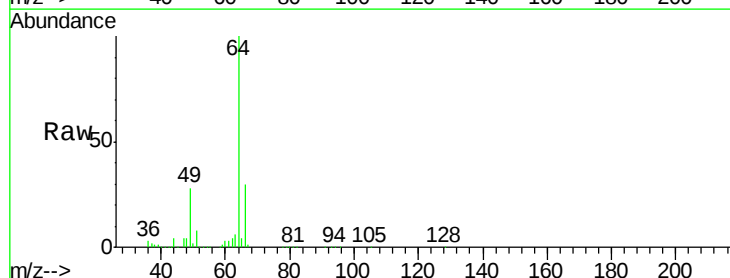
Acq: 25 Apr 2018 10:50

Tgt Ion: 64 Resp: 75392

Ion Ratio Lower Upper

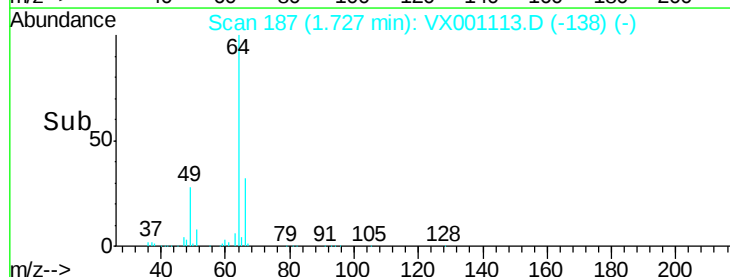
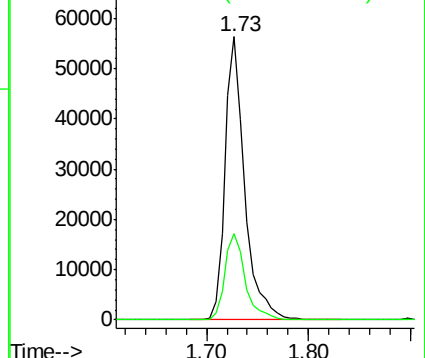
64 100

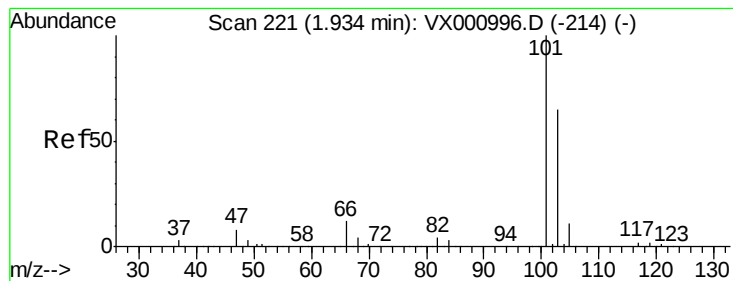
66 30.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



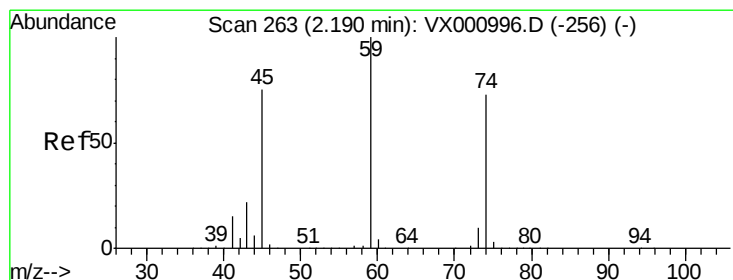
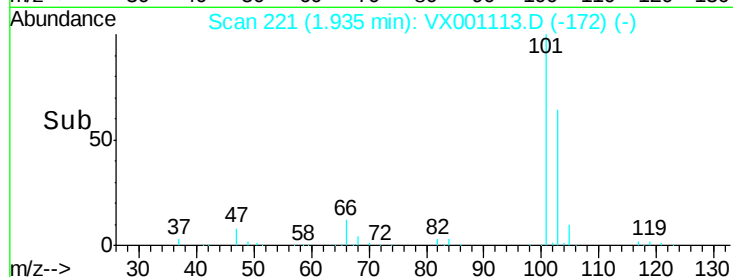
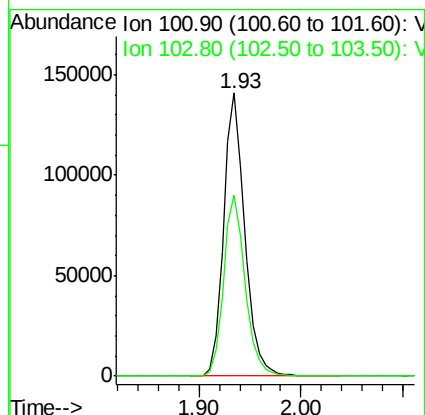
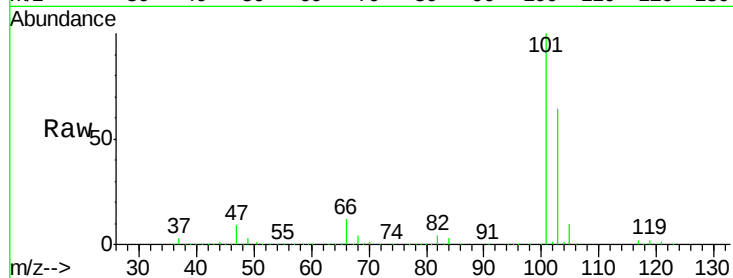


#7

Trichlorofluoromethane
 Concen: 47.402 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX001113.D
 Acq: 25 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampleId :

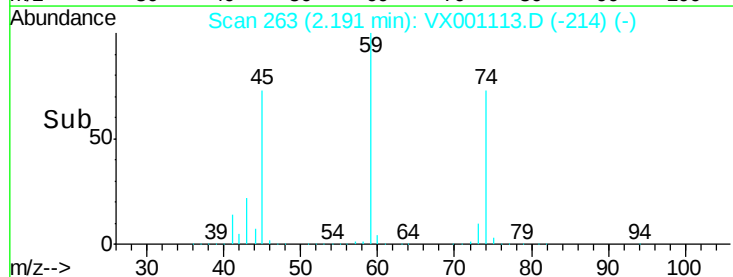
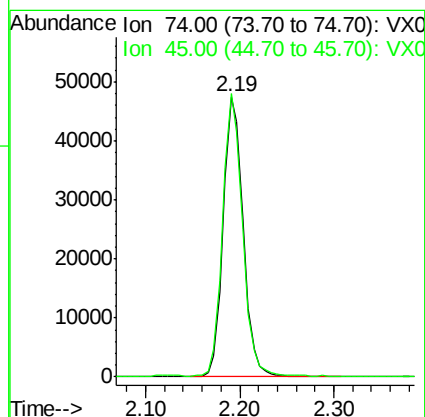
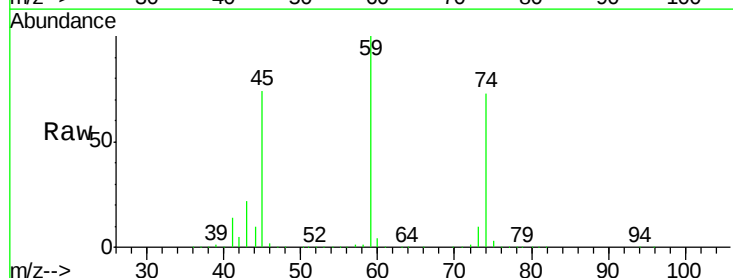
Tot Ion: 101 Resp: 203492
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.8 77.8

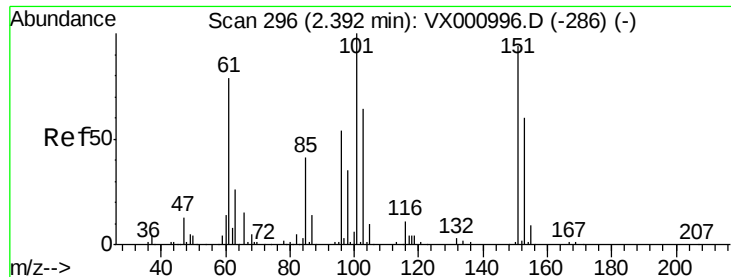


#8

Diethyl Ether
 Concen: 44.093 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001113.D
 Acq: 25 Apr 2018 10:50

Tgt Ion: 74 Resp: 69911
 Ion Ratio Lower Upper
 74 100
 45 99.4 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.245 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

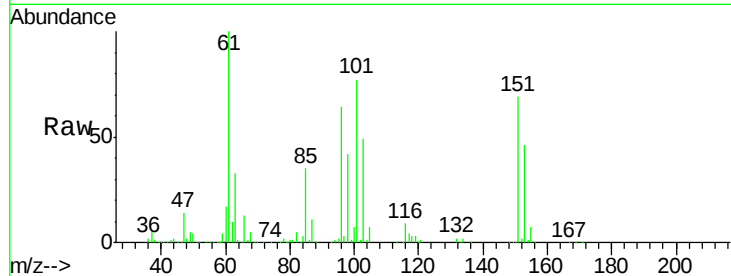
Tot Ion:101 Resp: 118827

Ion Ratio Lower Upper

101 100

85 43.8 33.9 50.9

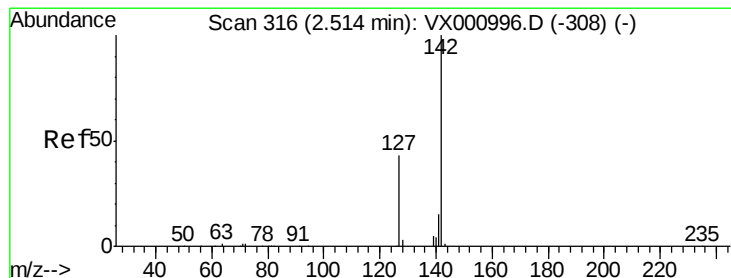
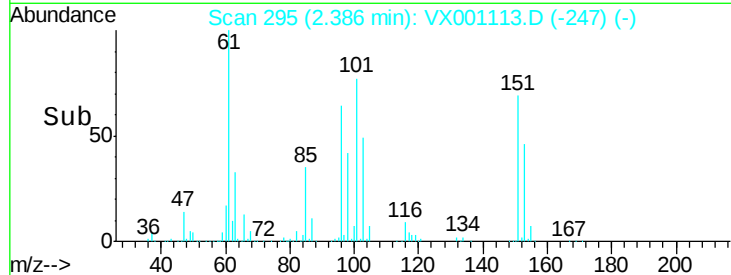
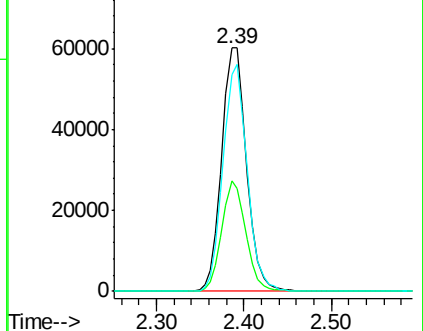
151 90.8 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.245 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

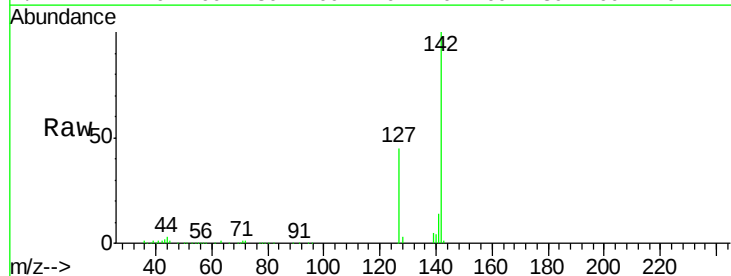
Tgt Ion:142 Resp: 101405

Ion Ratio Lower Upper

142 100

127 43.5 34.0 51.0

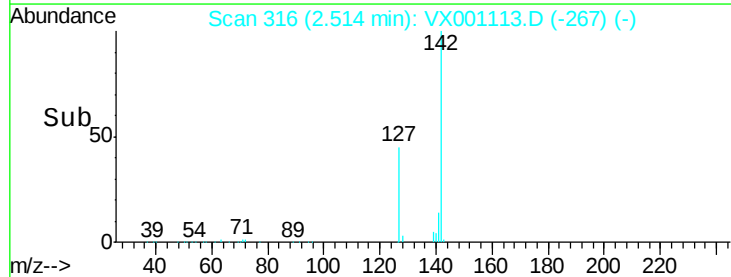
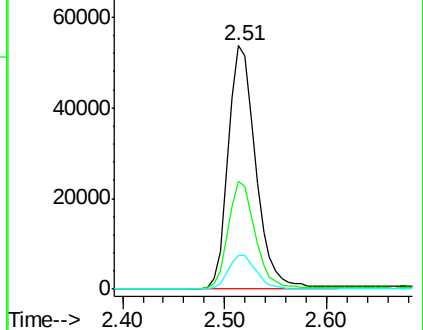
141 14.2 11.4 17.2

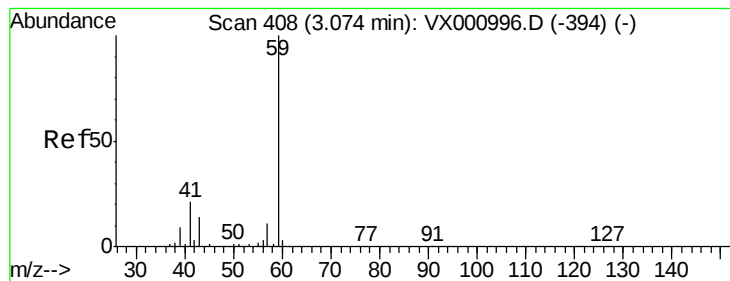


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



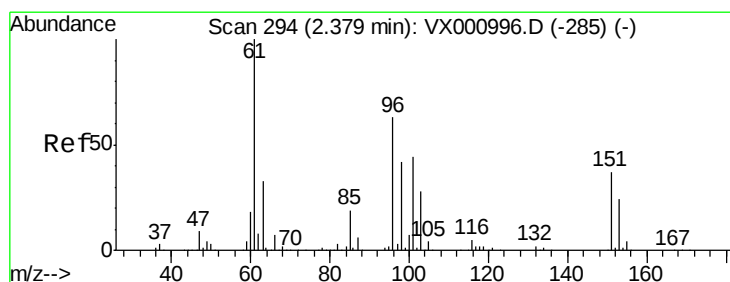
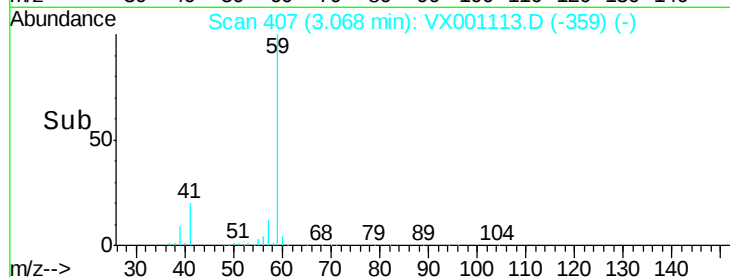
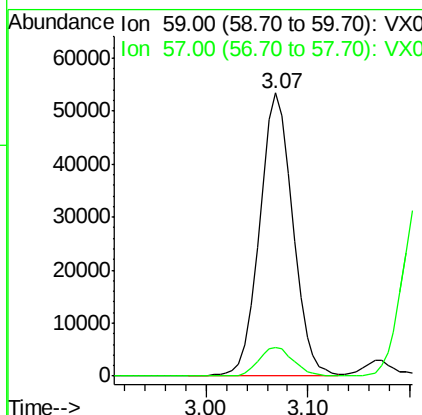
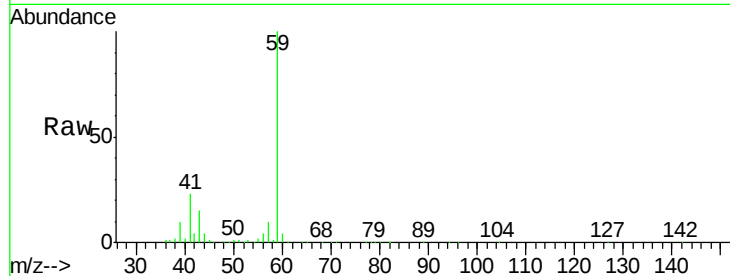


#11

Tert butyl alcohol
 Concen: 265.117 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX001113.D
 Acq: 25 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampled :

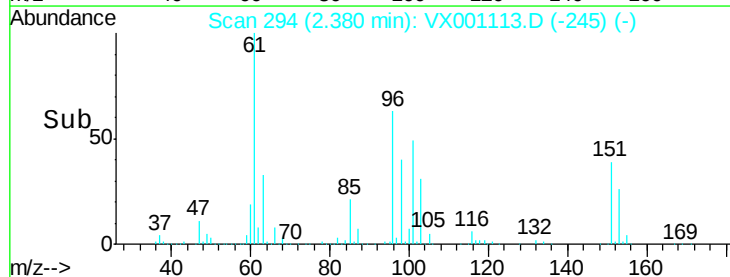
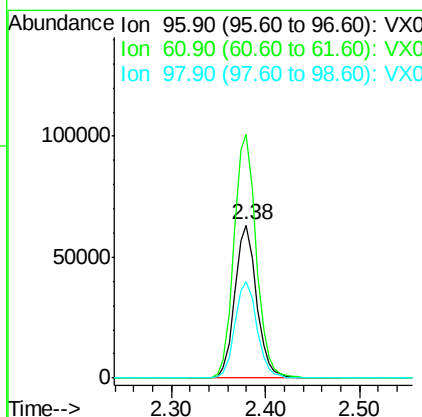
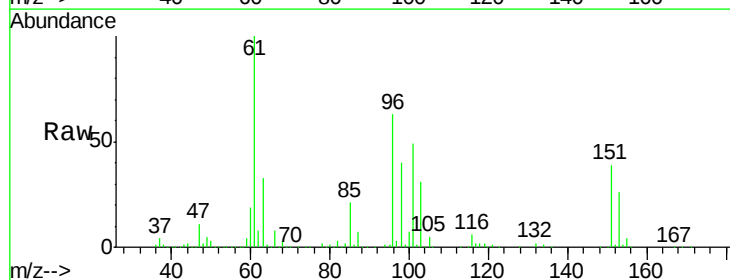
Tot Ion: 59 Resp: 120992
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.3 12.5

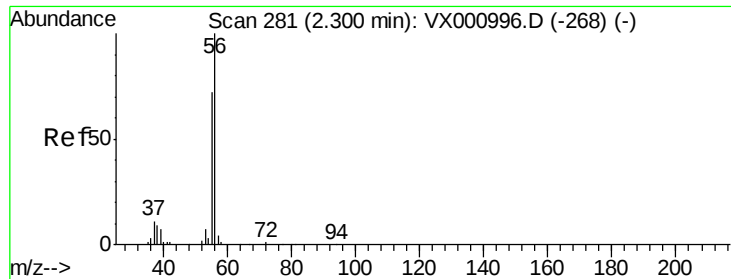


#12

1,1-Dichloroethene
 Concen: 43.830 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX001113.D
 Acq: 25 Apr 2018 10:50

Tgt Ion: 96 Resp: 101942
 Ion Ratio Lower Upper
 96 100
 61 159.1 126.4 189.6
 98 63.0 52.6 78.8





#13

Acrolein

Concen: 277.618 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

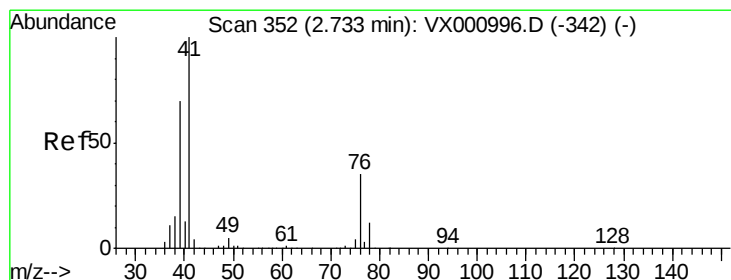
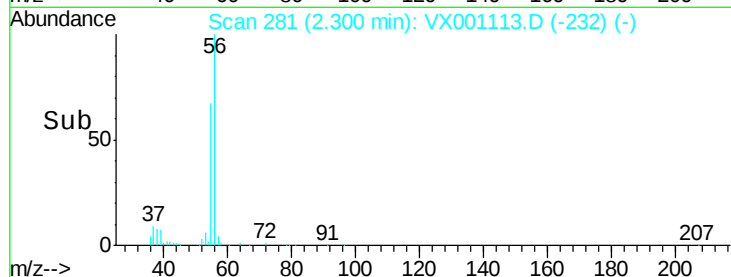
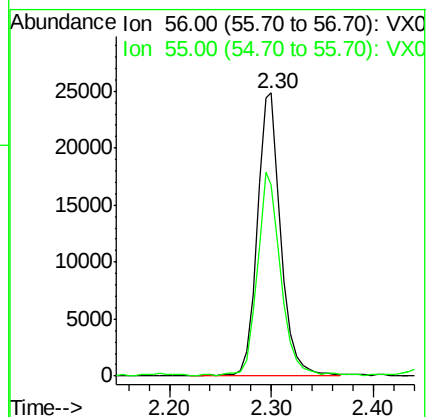
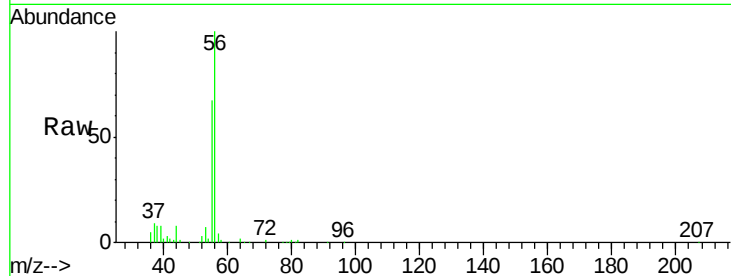
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 39651

Ion Ratio Lower Upper

56 100

55 72.5 57.4 86.2



#14

Allyl chloride

Concen: 45.253 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

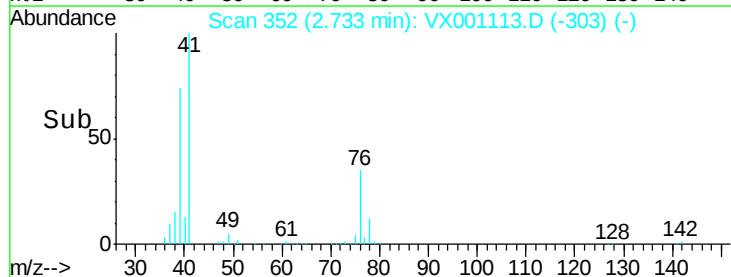
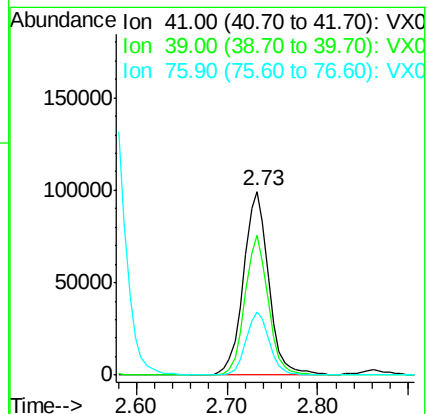
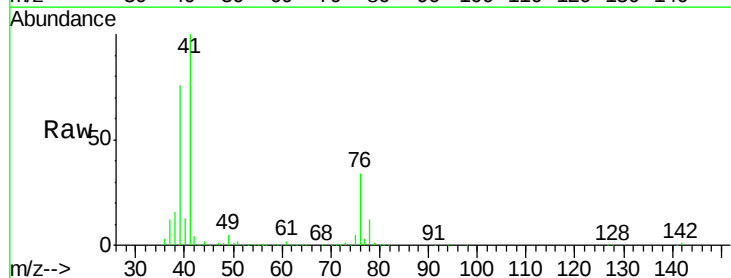
Tgt Ion: 41 Resp: 190484

Ion Ratio Lower Upper

41 100

39 70.1 53.0 79.6

76 31.4 25.9 38.9





#15

Acrylonitrile

Concen: 228.606 ug/l

RT: 3.15 min Scan# 421

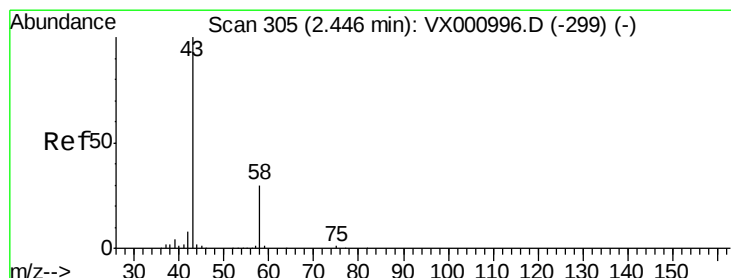
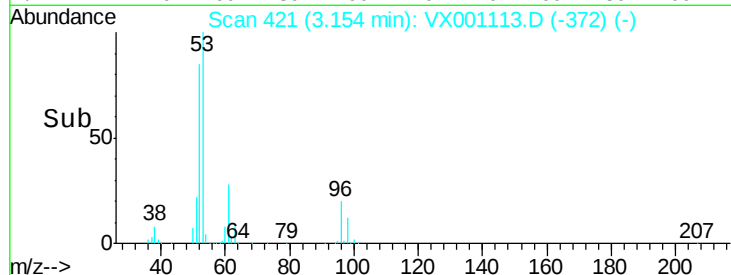
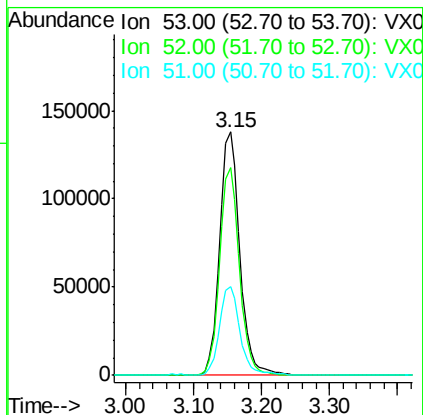
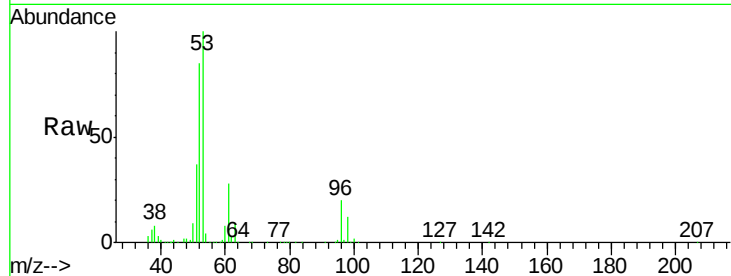
Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	282353
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.4	99.6
51	37.3	29.0	43.6



#16

Acetone

Concen: 265.268 ug/l

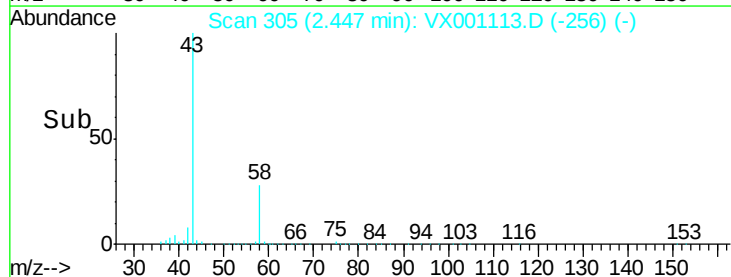
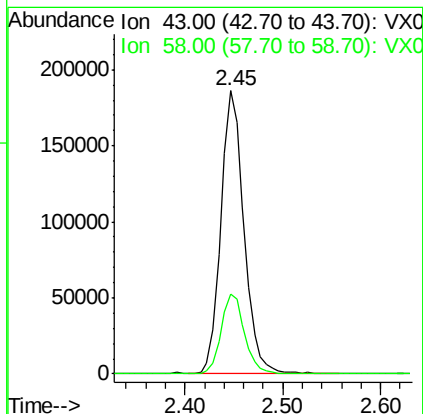
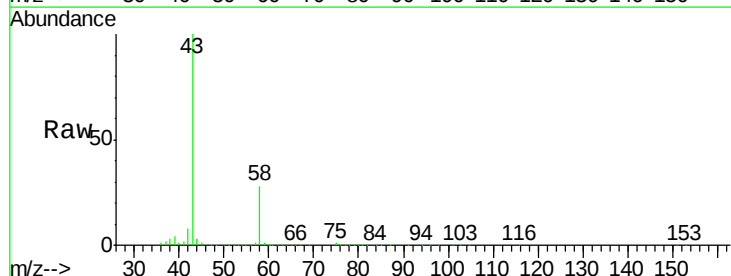
RT: 2.45 min Scan# 305

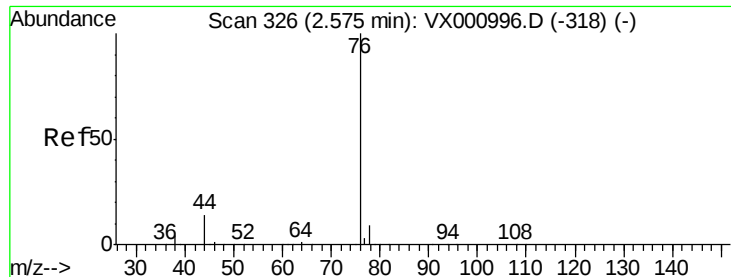
Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Tgt Ion:	43	Resp:	302270
Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.7	35.5

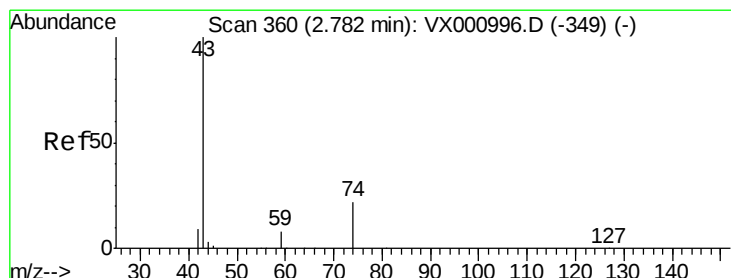
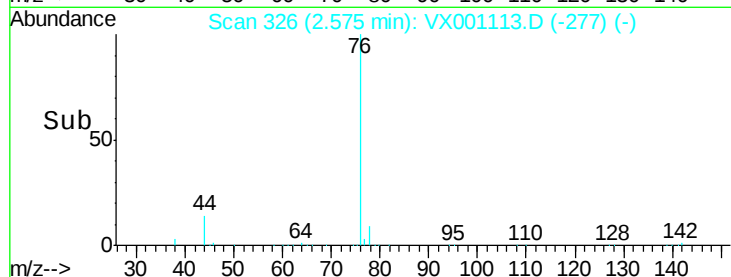
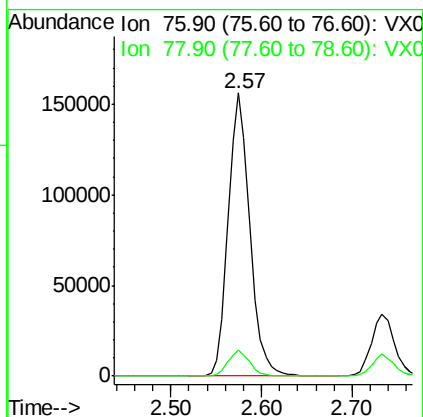
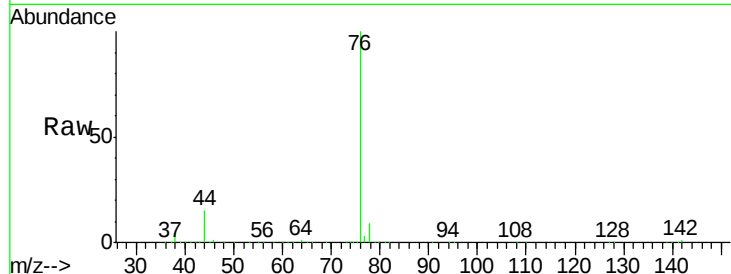




#17
Carbon Disulfide
Concen: 39.134 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

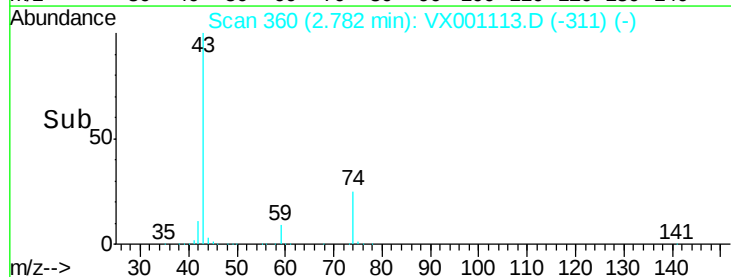
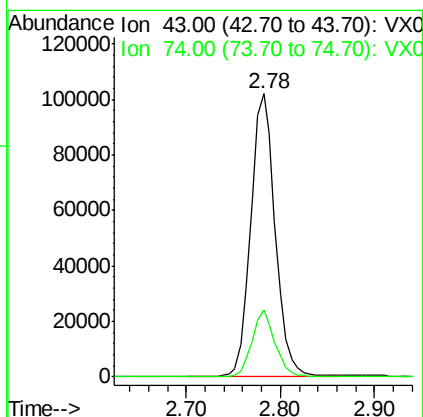
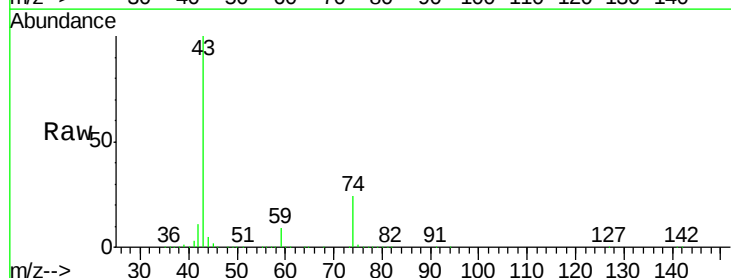
Instrument :
MSVOA_X
ClientSampleId :

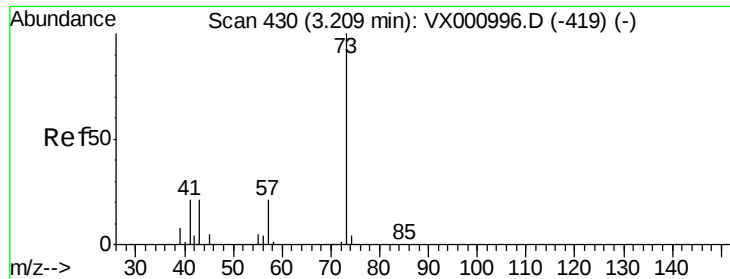
Tot Ion: 76 Resp: 259408
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 53.857 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion: 43 Resp: 185703
Ion Ratio Lower Upper
43 100
74 22.5 18.3 27.5

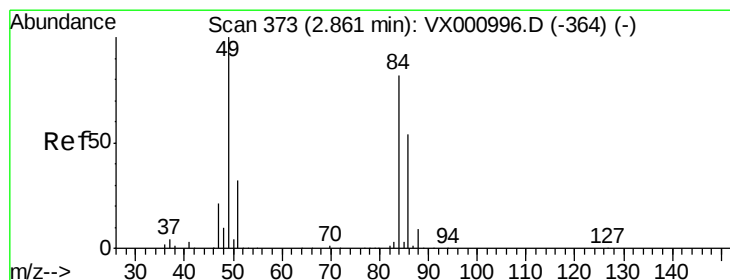
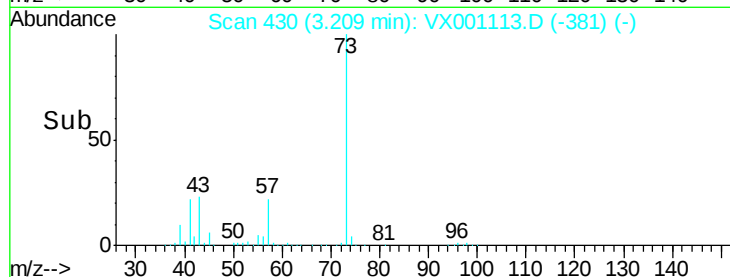
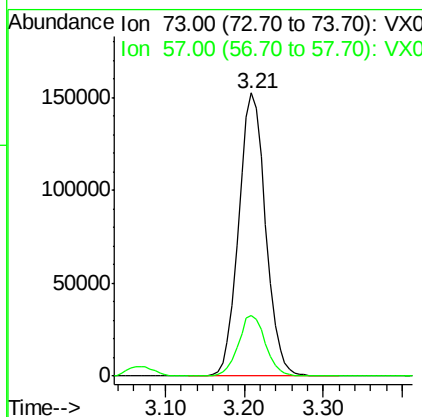
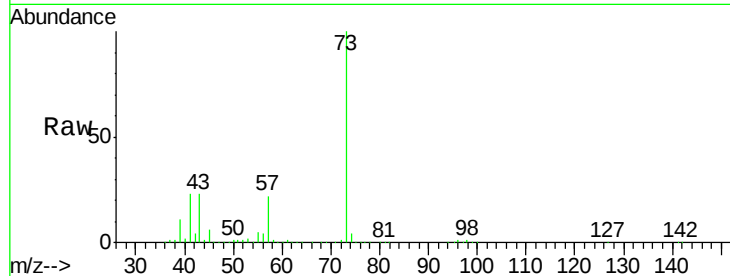




#19
Methvl tert-butvl Ether
Concen: 46.455 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

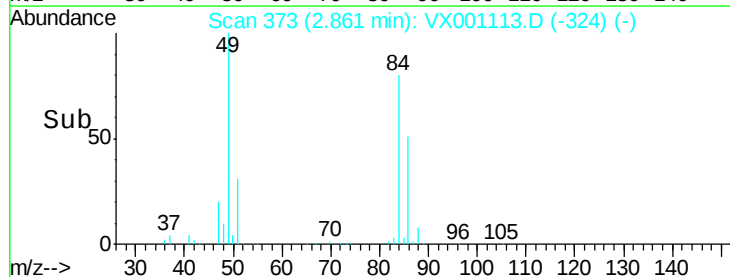
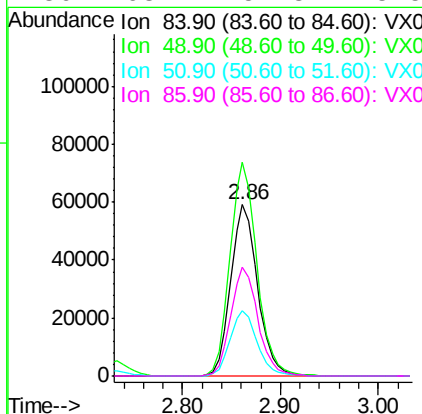
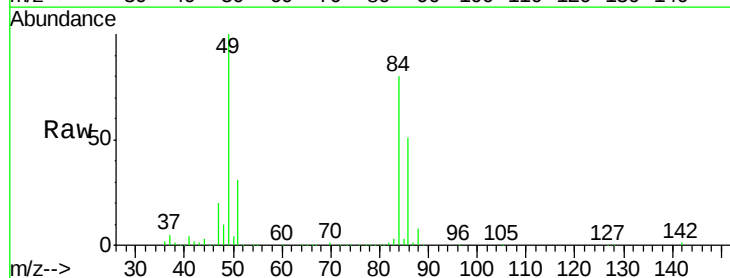
Instrument :
MSVOA_X
ClientSampleId :

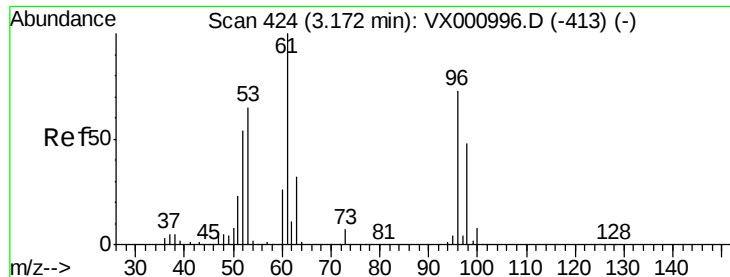
Tot Ion: 73 Resp: 363238
Ion Ratio Lower Upper
73 100
57 21.6 17.1 25.7



#20
Methylene Chloride
Concen: 47.056 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion: 84 Resp: 113230
Ion Ratio Lower Upper
84 100
49 124.7 97.1 145.7
51 38.0 30.8 46.2
86 63.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 42.290 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampled :

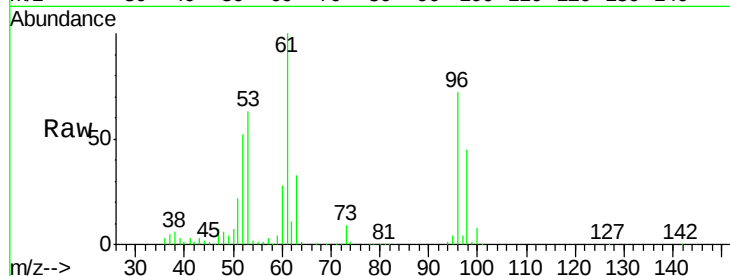
Tot Ion: 96 Resp: 109500

Ion Ratio Lower Upper

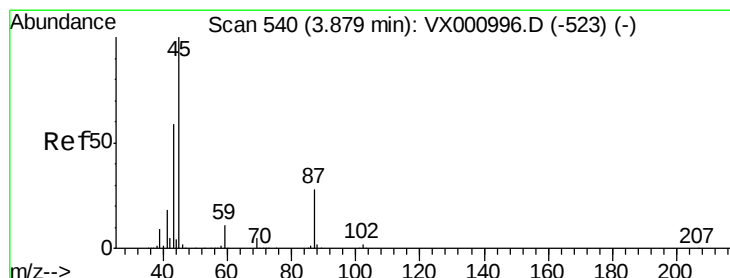
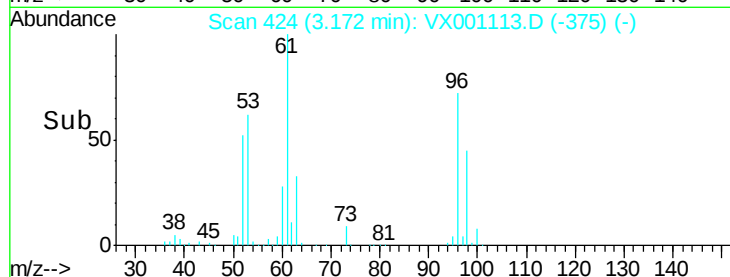
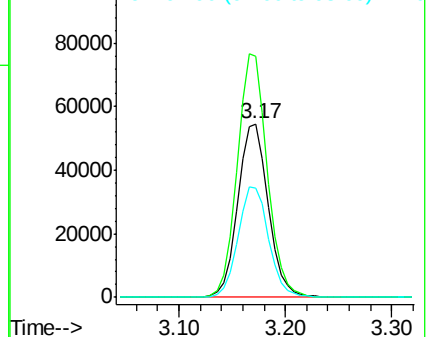
96 100

61 138.8 109.4 164.2

98 63.0 52.6 78.8



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: 45.130 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Tgt Ion: 45 Resp: 367722

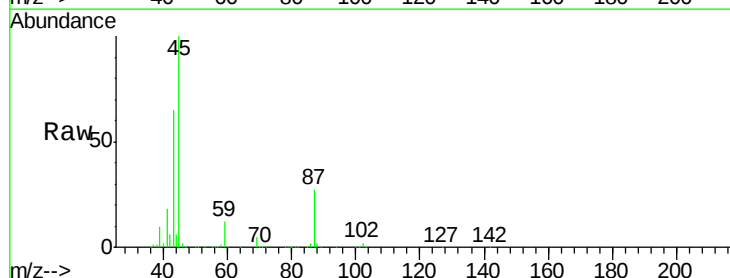
Ion Ratio Lower Upper

45 100

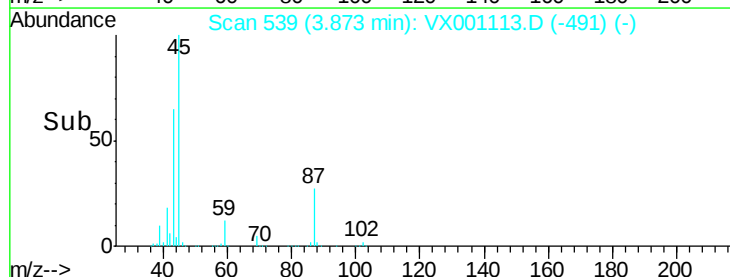
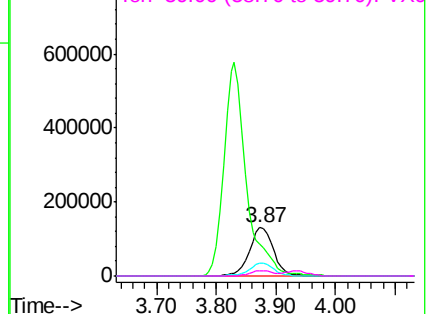
43 65.2 47.0 70.4

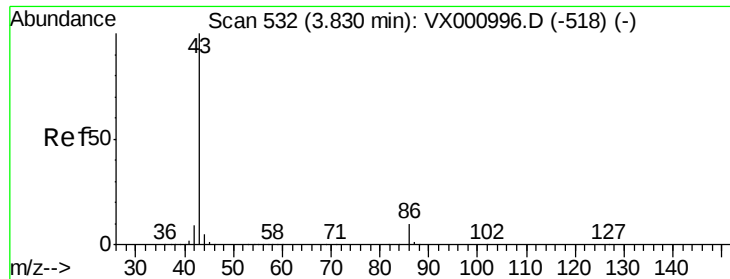
87 27.4 22.5 33.7

59 11.6 8.8 13.2



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: 225.180 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

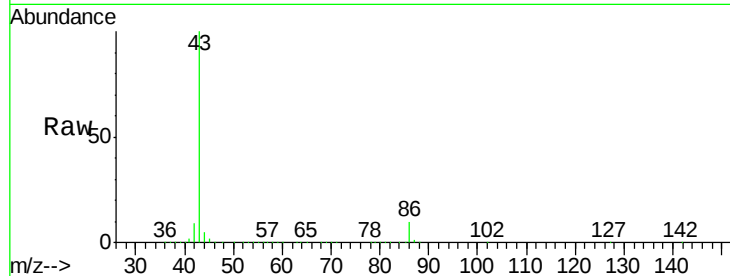
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1519040

Ion Ratio Lower Upper

43 100

86 10.0 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX000996.D (-518) (-)

Ion 86.00 (85.70 to 86.70): VX000996.D (-518) (-)

3.83

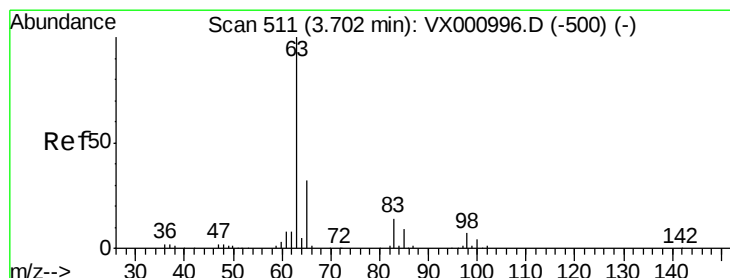
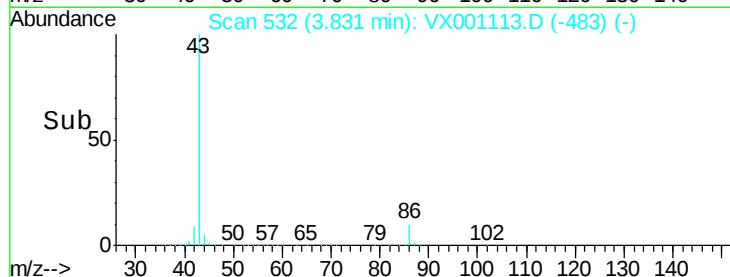
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.603 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

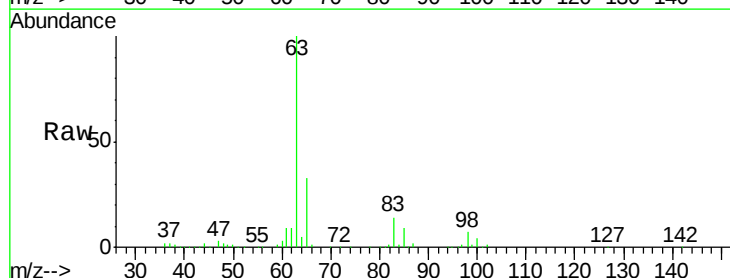
Tgt Ion: 63 Resp: 203857

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX000996.D (-500) (-)

Ion 97.90 (97.60 to 98.60): VX000996.D (-500) (-)

Ion 99.90 (99.60 to 100.60): VX000996.D (-500) (-)

3.70

100000

80000

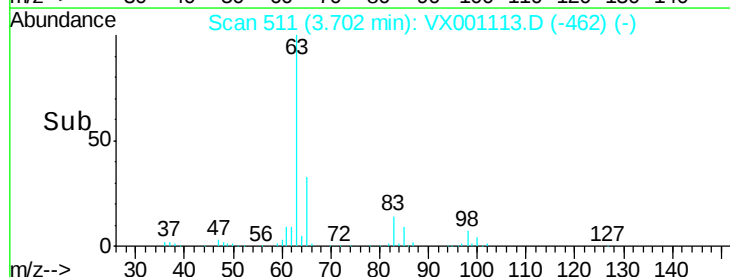
60000

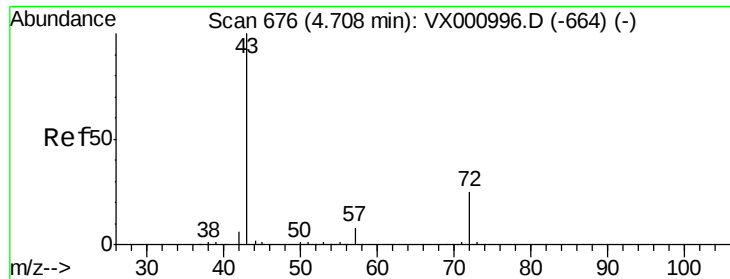
40000

20000

0

Time-->





#25

2-Butanone

Concen: 239.689 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

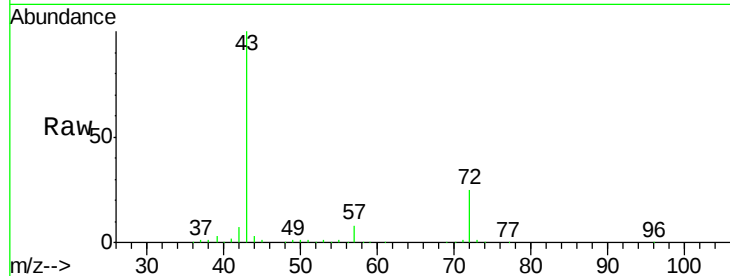
ClientSampleId :

Tot Ion: 43 Resp: 426360

Ion Ratio Lower Upper

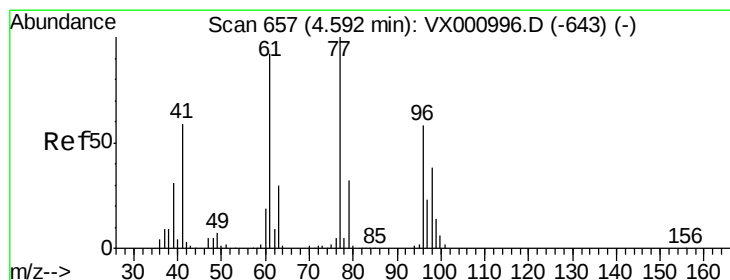
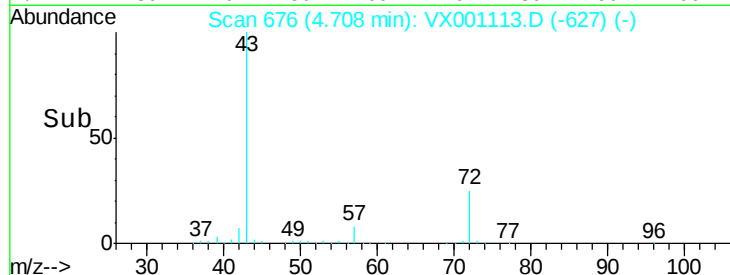
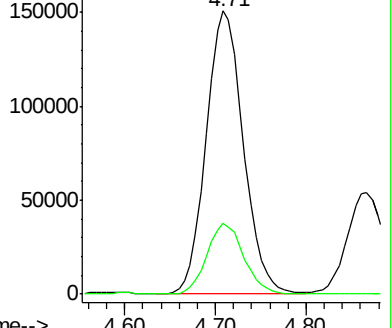
43 100

72 24.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX000996.D (-664) (-)

Ion 72.00 (71.70 to 72.70): VX000996.D (-664) (-)



#26

2,2-Dichloropropane

Concen: 44.960 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001113.D

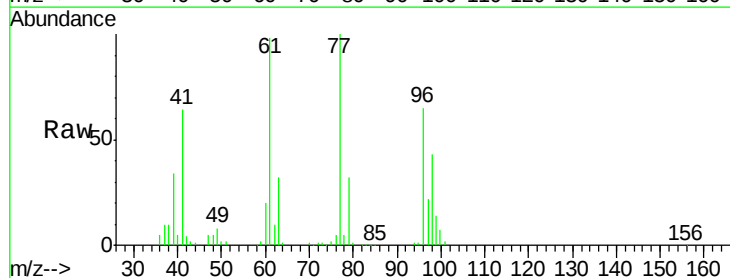
Acq: 25 Apr 2018 10:50

Tgt Ion: 77 Resp: 176771

Ion Ratio Lower Upper

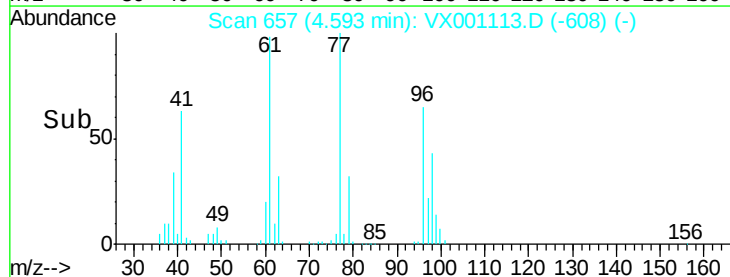
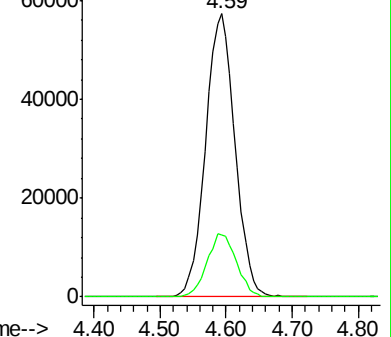
77 100

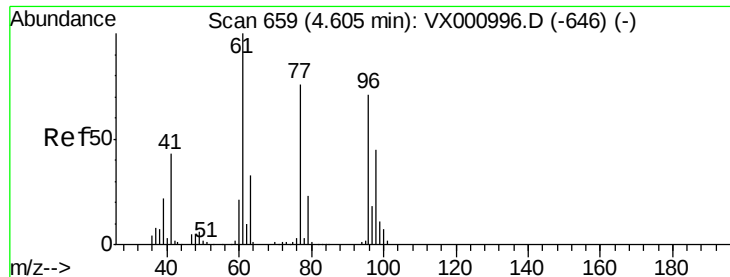
97 22.5 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX000996.D (-643) (-)

Ion 96.90 (96.60 to 97.60): VX000996.D (-643) (-)



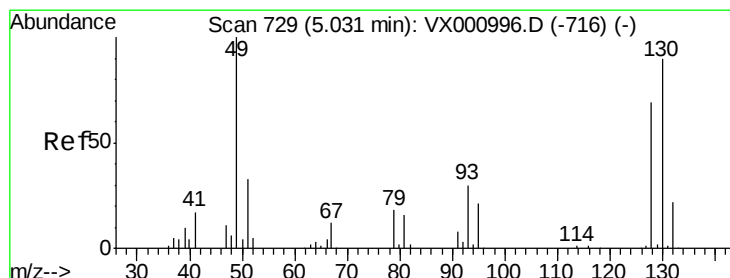
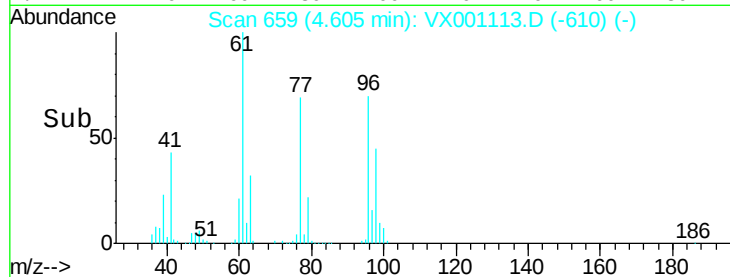
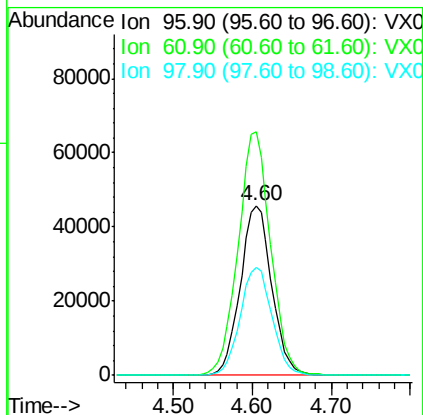
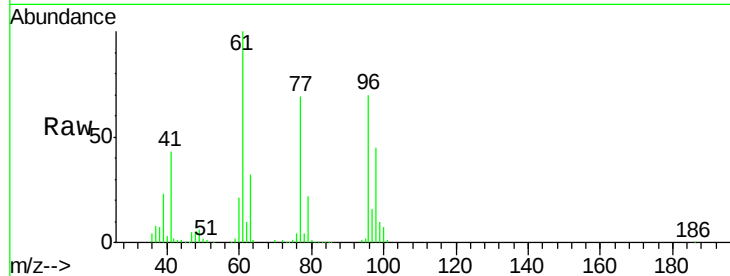


#27

cis-1,2-Dichloroethene
Concen: 43.898 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampled :

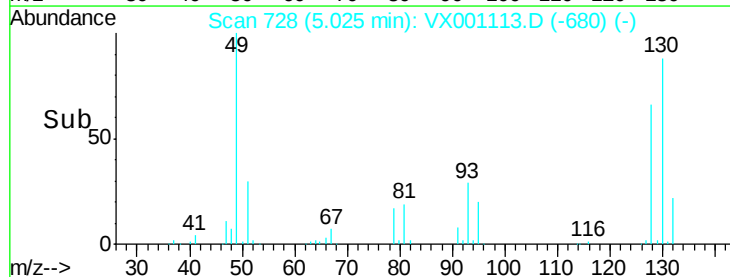
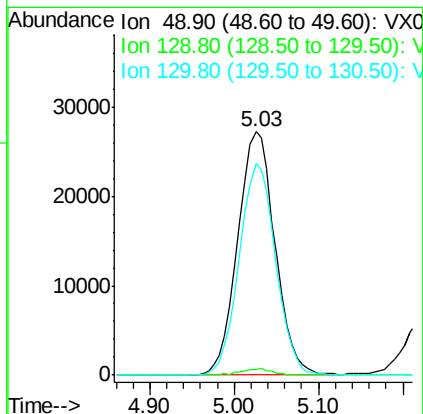
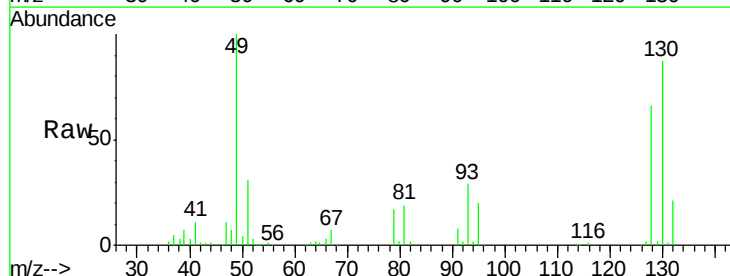
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	297.0
98	64.7	0.0	130.0

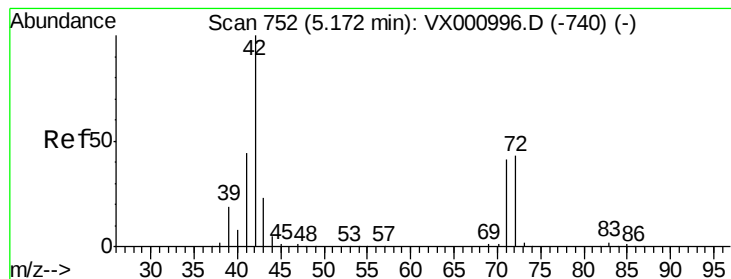


#28

Bromochloromethane
Concen: 46.473 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	84.9	70.6	105.8





#29

Tetrahydrofuran

Concen: 229.830 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampled :

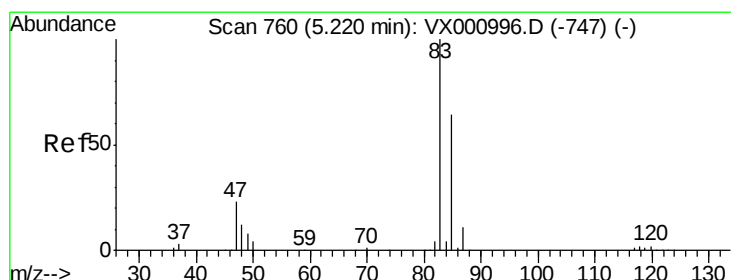
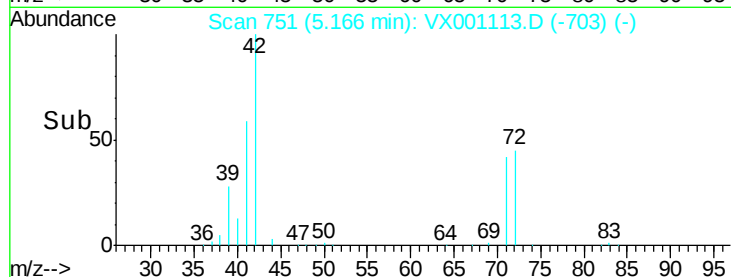
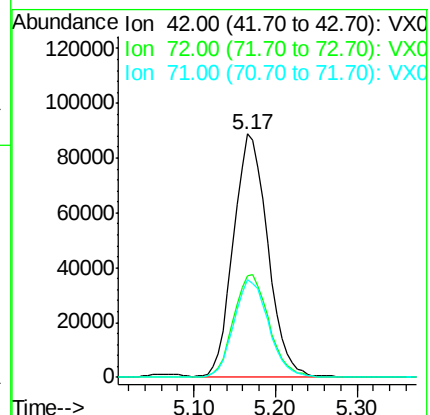
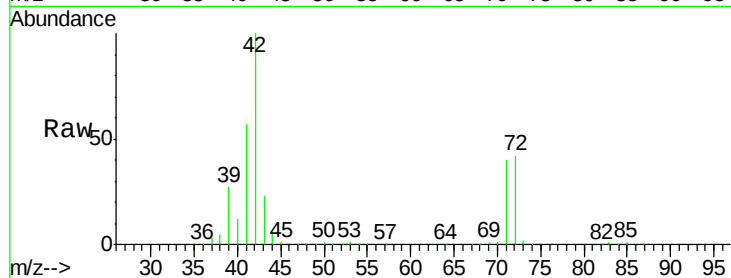
Tot Ion: 42 Resp: 258342

Ion Ratio Lower Upper

42 100

72 43.7 34.6 52.0

71 40.5 32.6 49.0



#30

Chloroform

Concen: 46.143 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001113.D

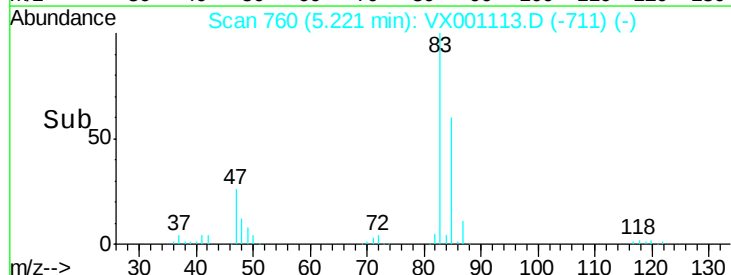
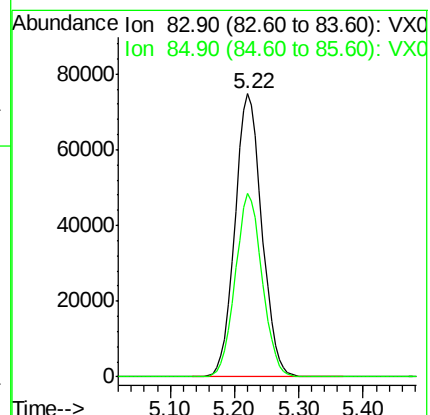
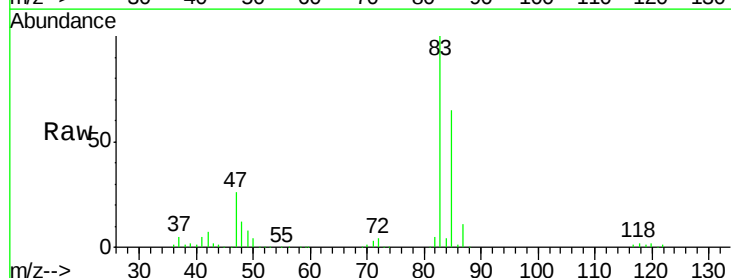
Acq: 25 Apr 2018 10:50

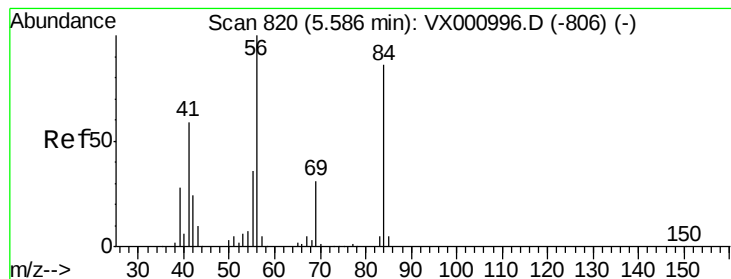
Tgt Ion: 83 Resp: 218415

Ion Ratio Lower Upper

83 100

85 64.7 51.3 76.9





#31

Cyclohexane

Concen: 42.541 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampled :

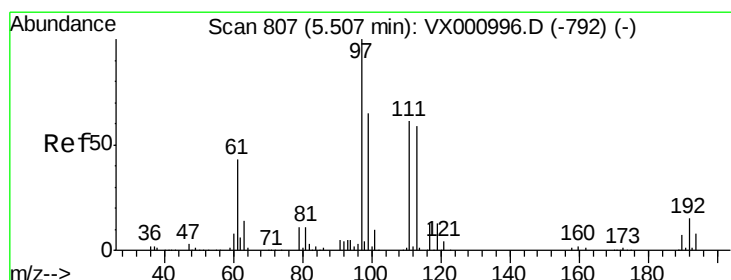
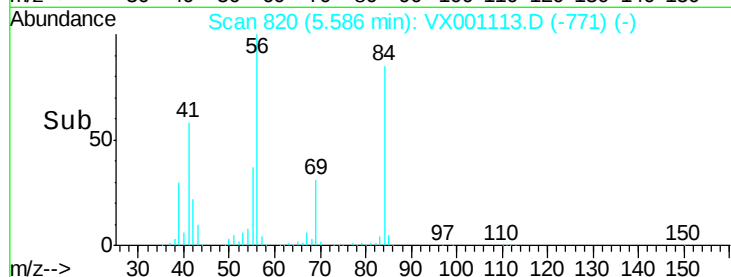
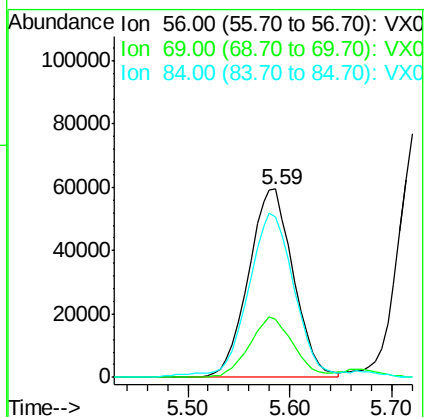
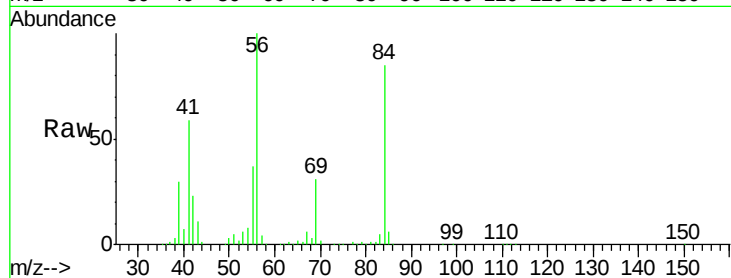
Tot Ion: 56 Resp: 181486

Ion Ratio Lower Upper

56 100

69 30.9 24.6 36.8

84 83.4 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 45.883 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

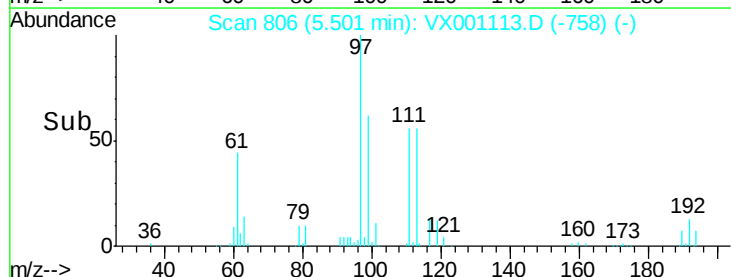
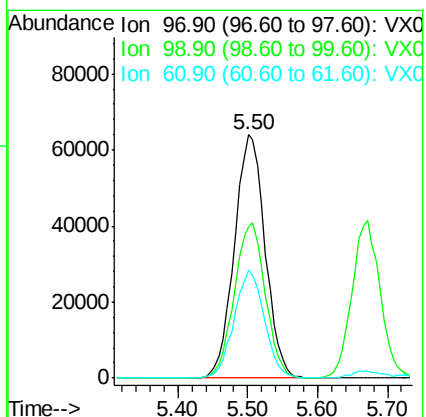
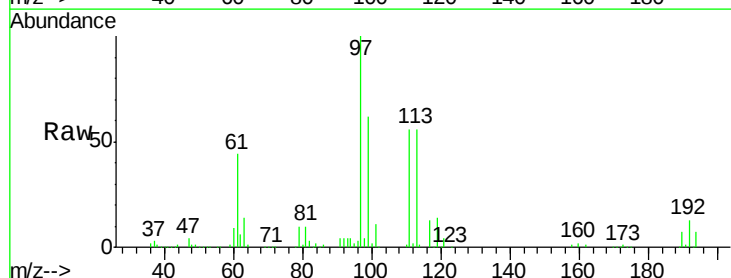
Tgt Ion: 97 Resp: 194729

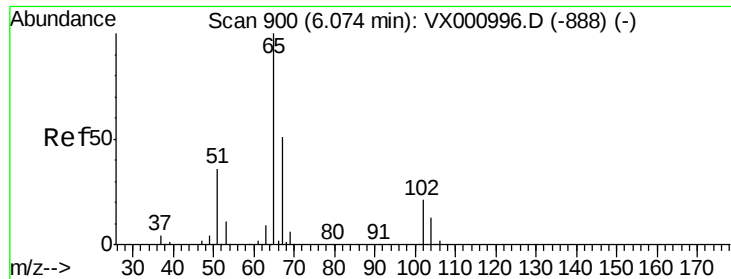
Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

61 43.9 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 44.194 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

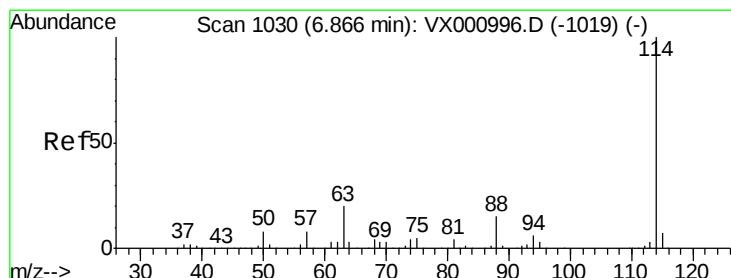
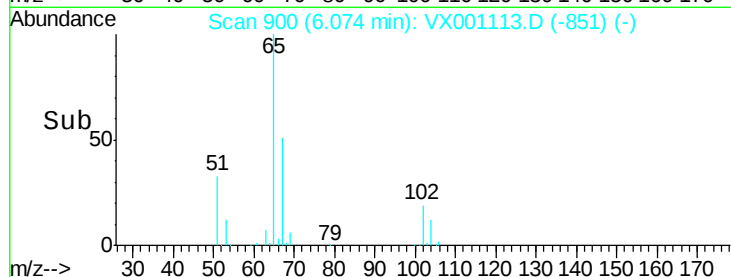
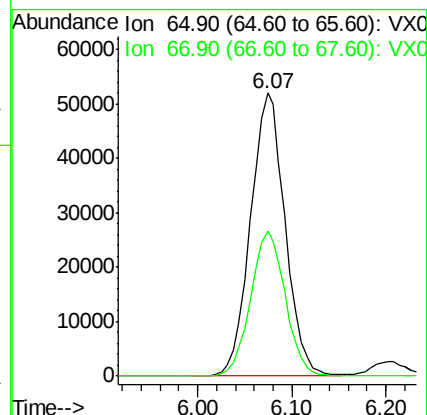
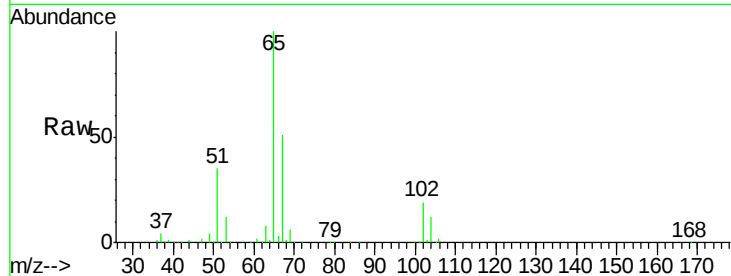
ClientSampleId :

Tot Ion: 65 Resp: 133735

Ion Ratio Lower Upper

65 100

67 51.3 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: VX001113.D

Acq: 25 Apr 2018 10:50

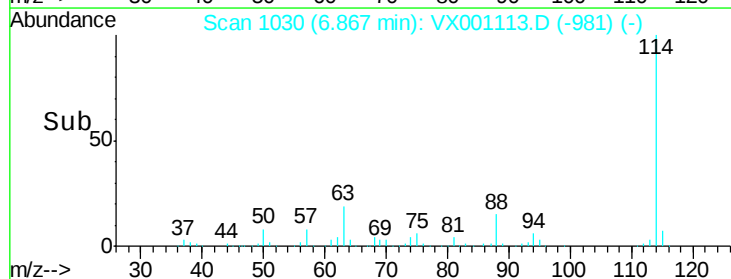
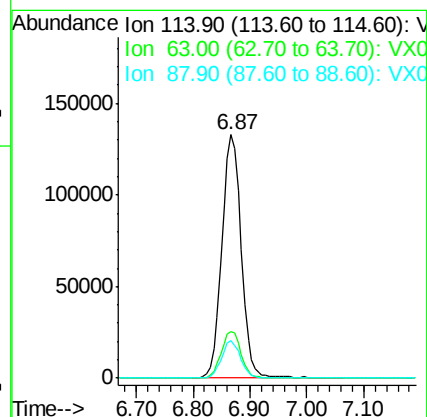
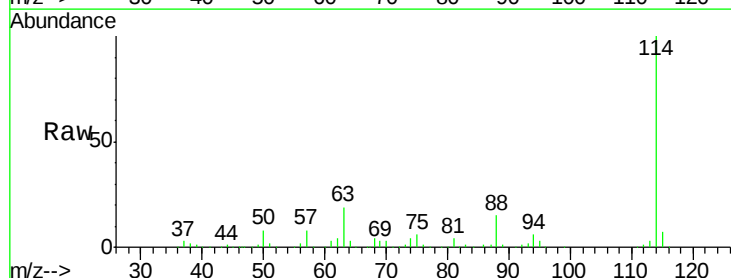
Tgt Ion: 114 Resp: 314698

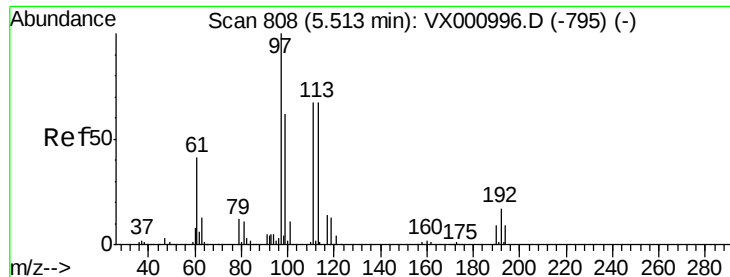
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.4

88 15.2 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.129 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

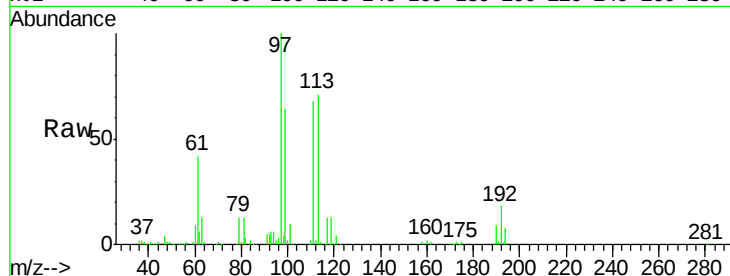
Tot Ion:113 Resp: 110695

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.2

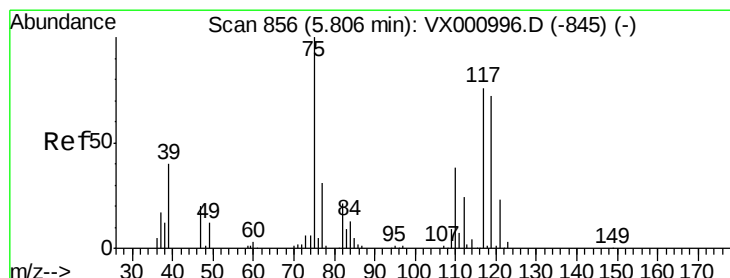
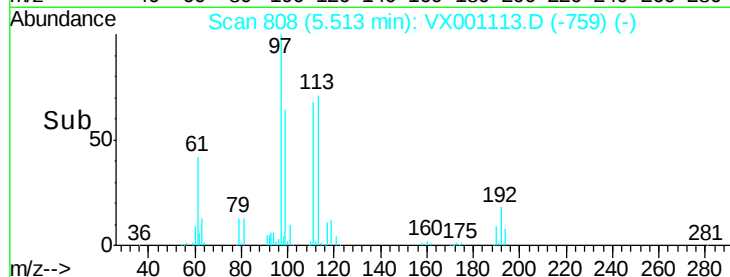
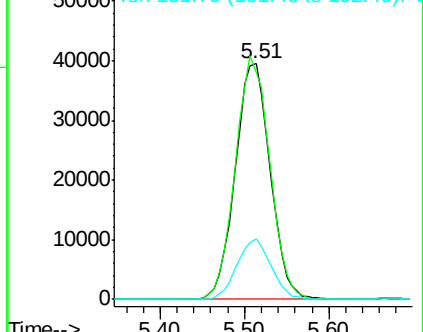
192 25.1 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.646 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

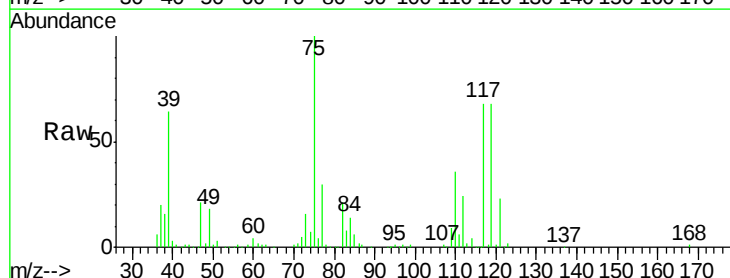
Tgt Ion: 75 Resp: 161409

Ion Ratio Lower Upper

75 100

110 37.3 18.7 56.1

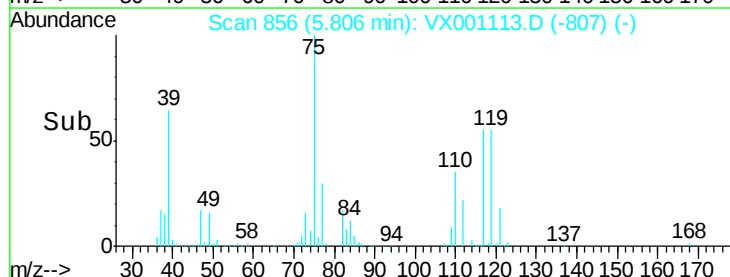
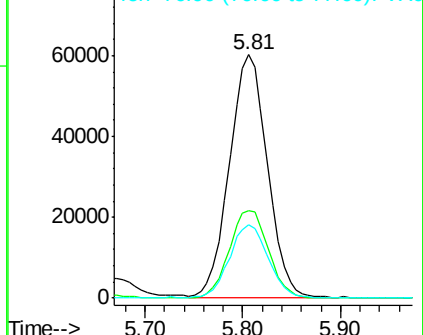
77 30.8 25.0 37.4

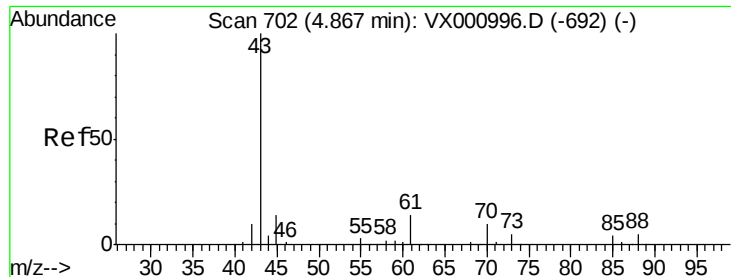


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

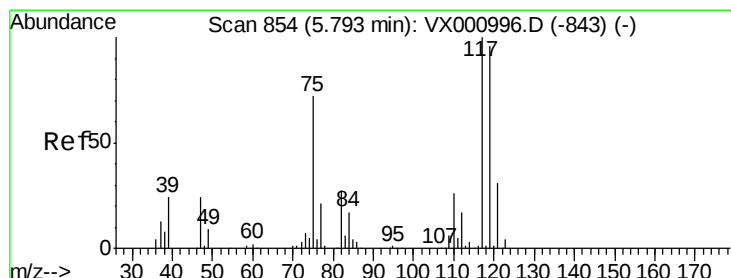
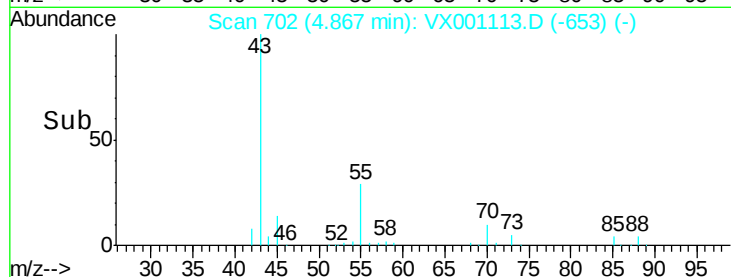
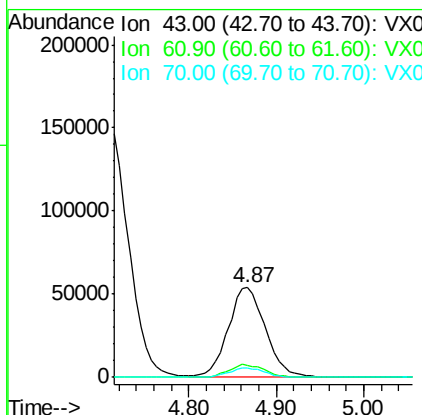
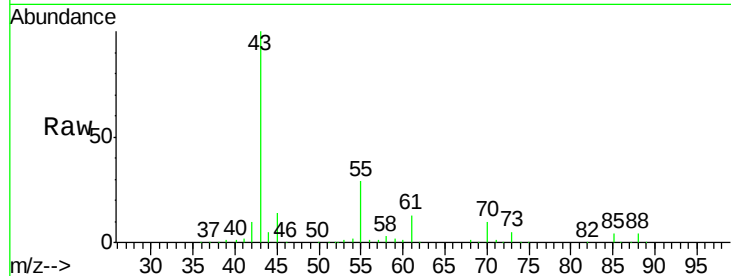




#37
Ethyl Acetate
Concen: 46.526 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

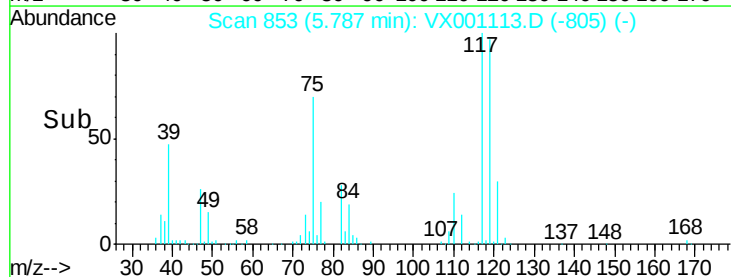
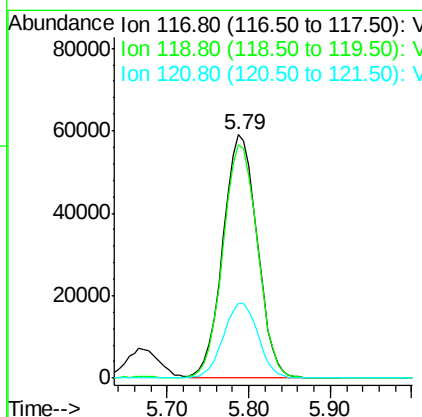
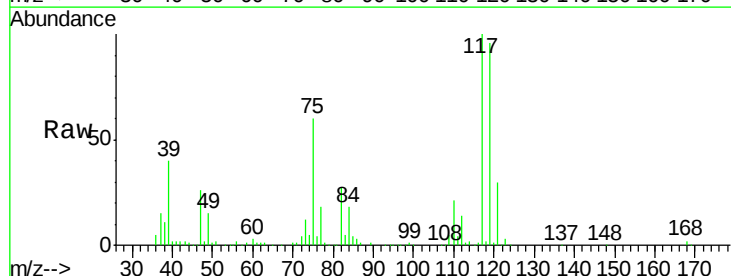
Instrument :
MSVOA_X
ClientSampleId :

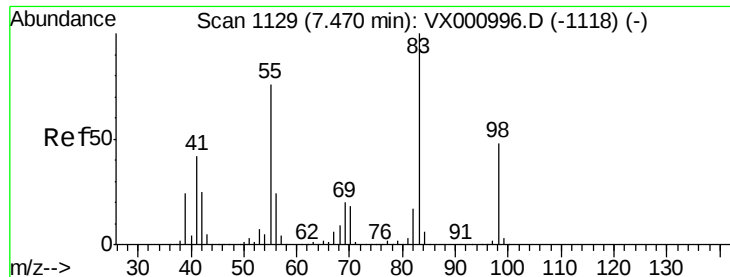
Tot Ion: 43 Resp: 157830
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 10.2 8.3 12.5



#38
Carbon Tetrachloride
Concen: 46.091 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion: 117 Resp: 172594
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7
121 30.5 24.5 36.7

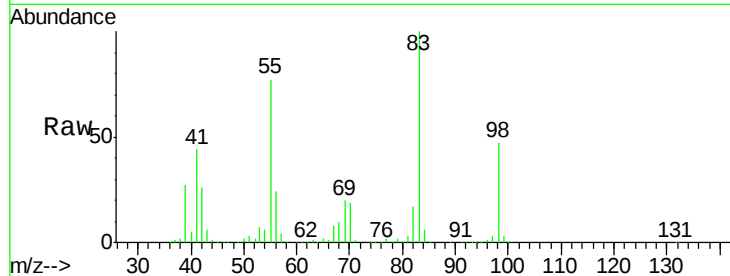




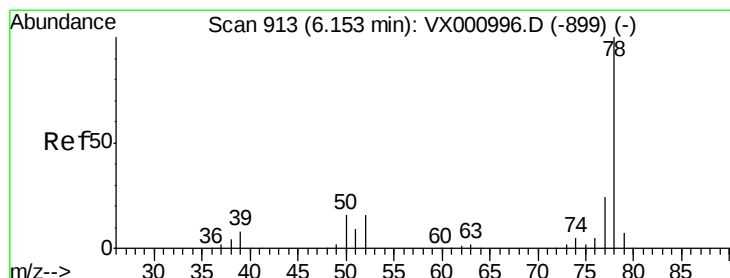
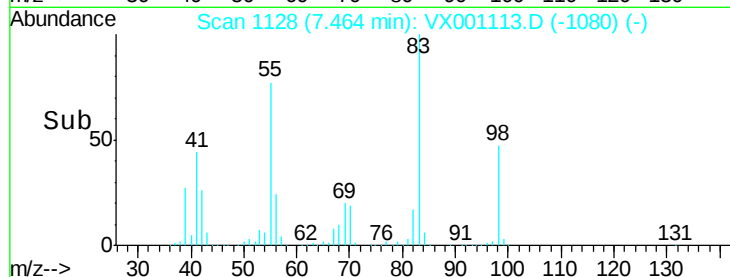
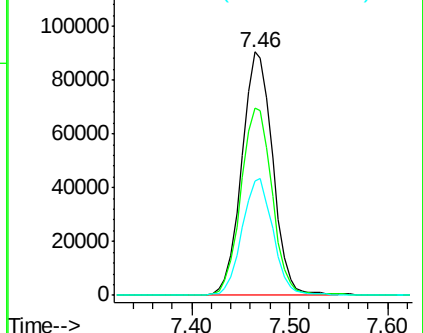
#39
Methvlcvclohexane
Concen: 46.088 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 198388
Ion Ratio Lower Upper
83 100
55 76.8 60.6 91.0
98 46.7 38.2 57.4

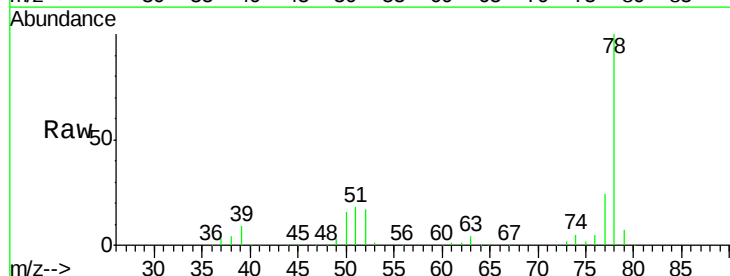


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

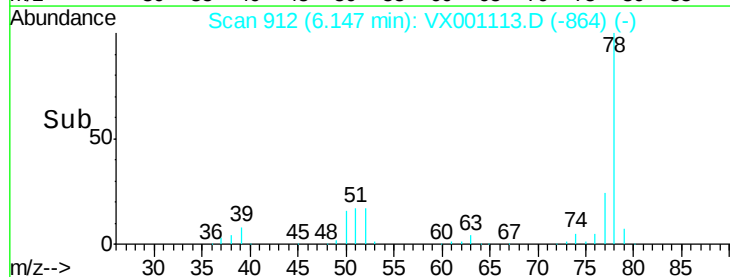
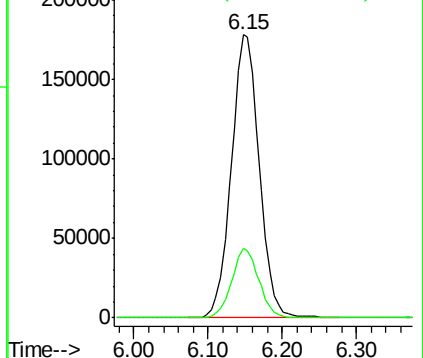


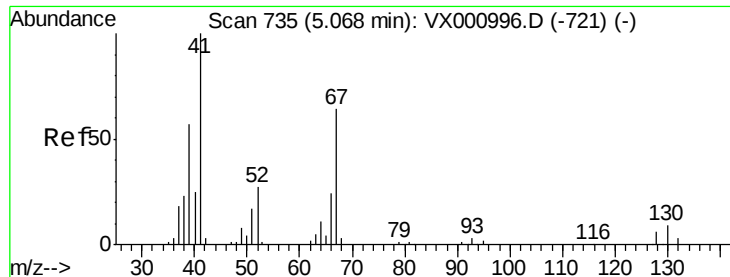
#40
Benzene
Concen: 45.385 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion: 78 Resp: 466625
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

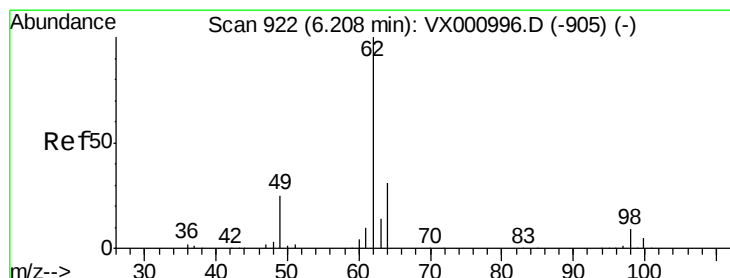
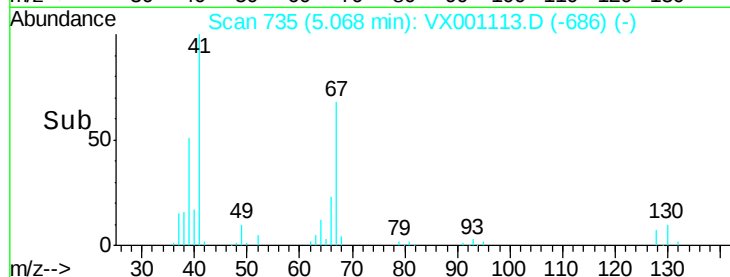
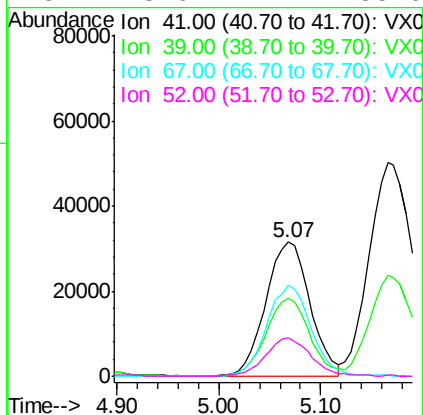
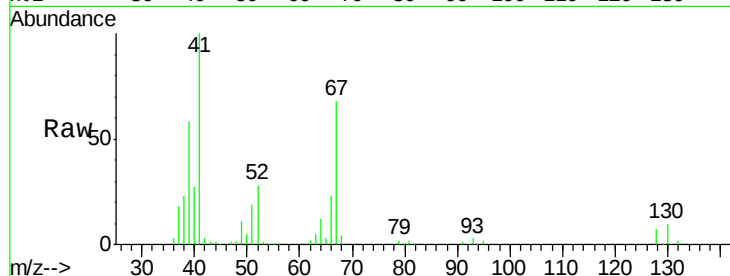




#41
Methacrylonitrile
Concen: 44.608 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

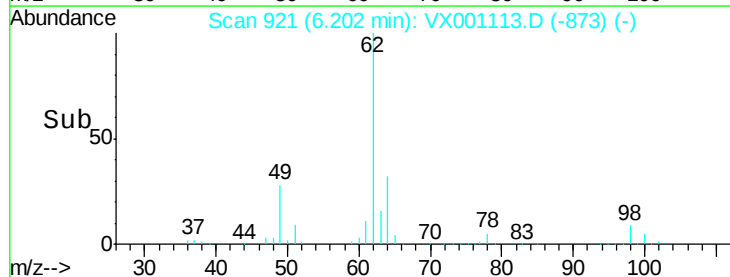
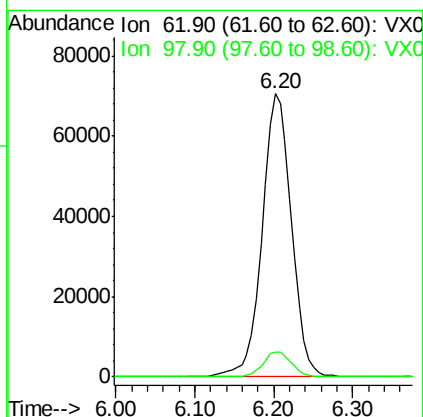
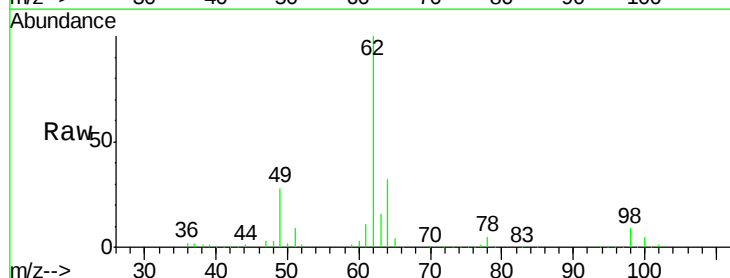
Instrument :
MSVOA_X
ClientSampled :

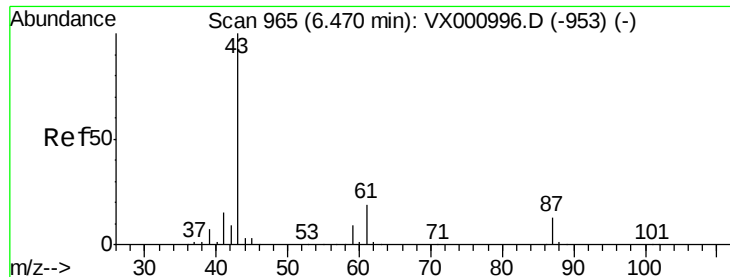
Tot Ion:	41	Resp:	94497
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.2	67.8
67	68.4	53.8	80.8
52	28.6	22.4	33.6



#42
1,2-Dichloroethane
Concen: 46.104 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion:	62	Resp:	181945
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6



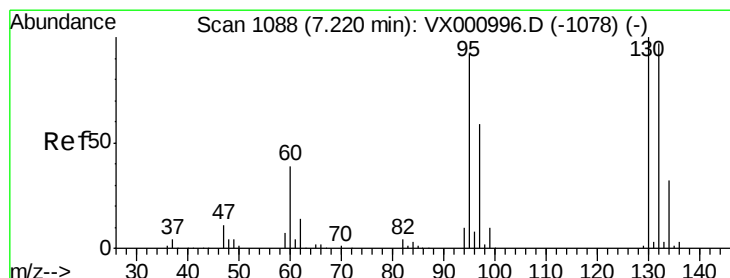
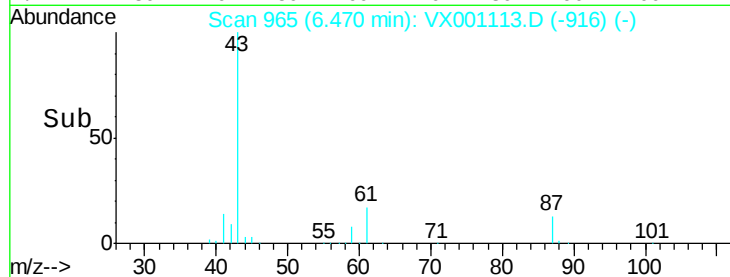
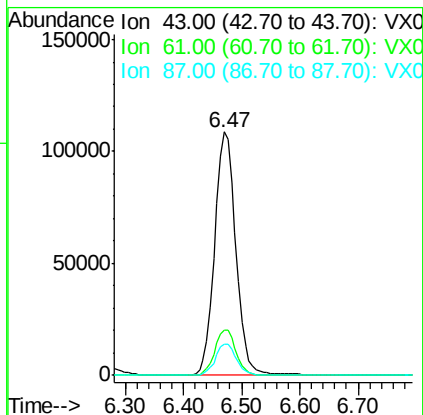
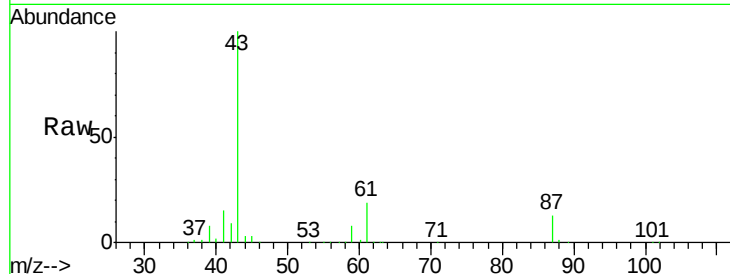


#43

Isopropyl Acetate
 Concen: 46.899 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX001113.D
 Acq: 25 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampled :

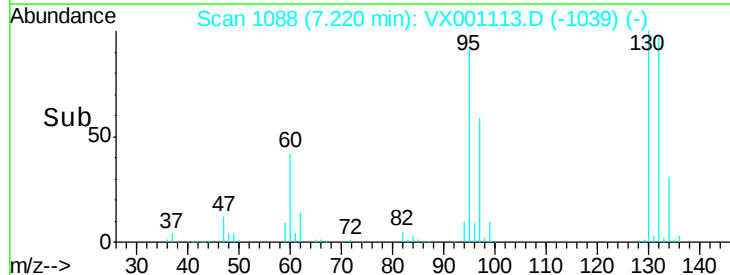
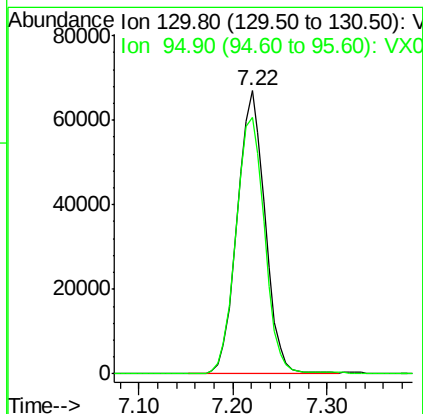
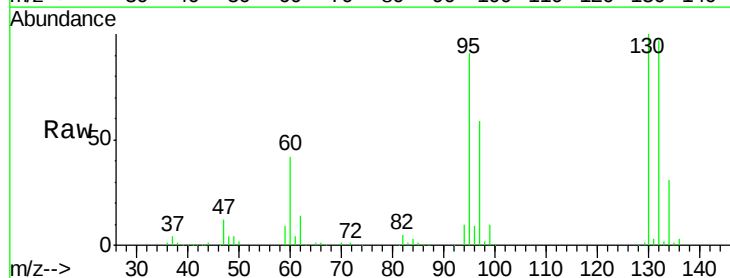
Tot Ion	43	Resp	272947
Ion Ratio	Lower	Upper	
43	100		
61	18.6	15.4	23.2
87	12.9	10.6	15.8

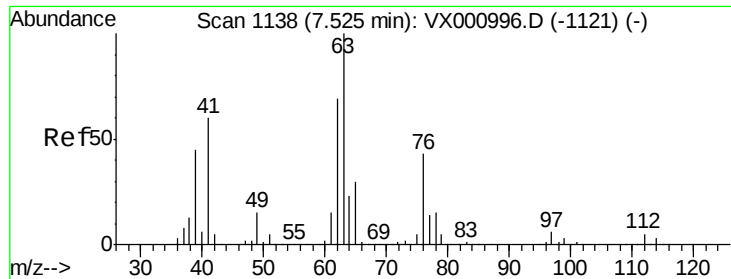


#44

Trichloroethene
 Concen: 44.035 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001113.D
 Acq: 25 Apr 2018 10:50

Tgt Ion	130	Resp	138318
Ion Ratio	Lower	Upper	
130	100		
95	90.8	0.0	184.2





#45

1,2-Dichloropropane

Concen: 46.298 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

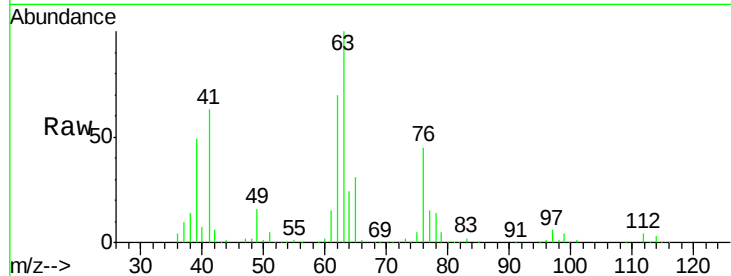
ClientSampled :

Tot Ion: 63 Resp: 119691

Ion Ratio Lower Upper

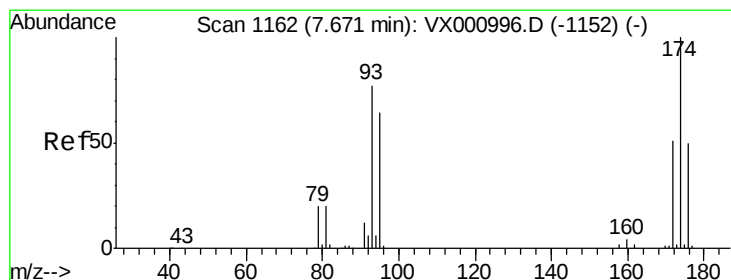
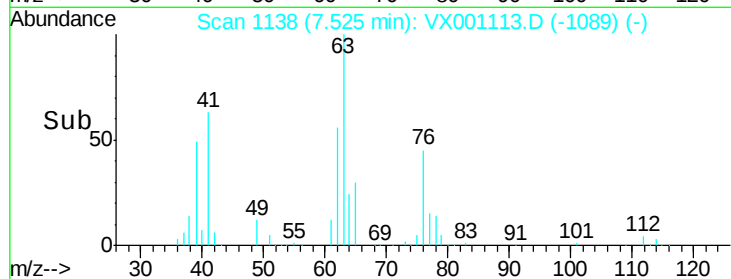
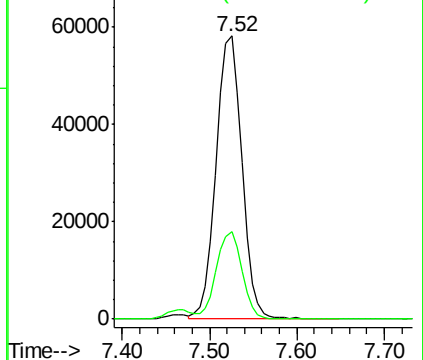
63 100

65 30.7 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.177 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

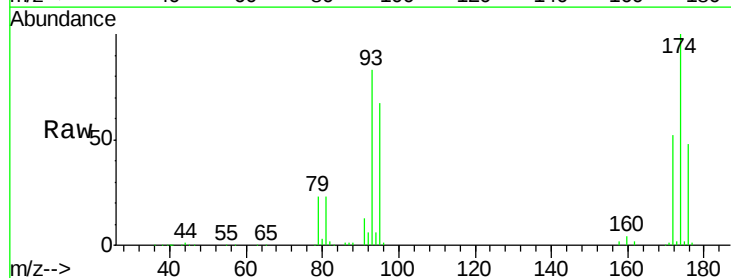
Tgt Ion: 93 Resp: 83410

Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

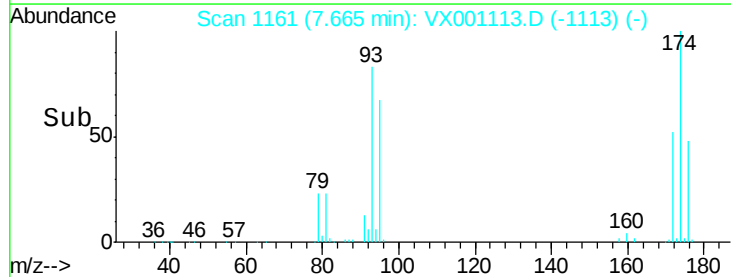
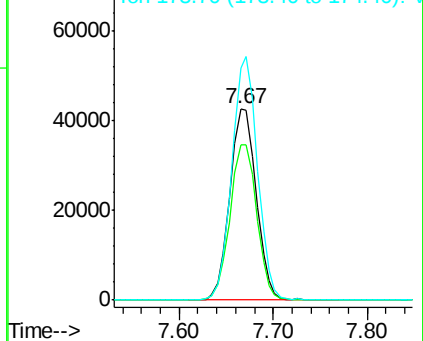
174 123.0 101.8 152.6

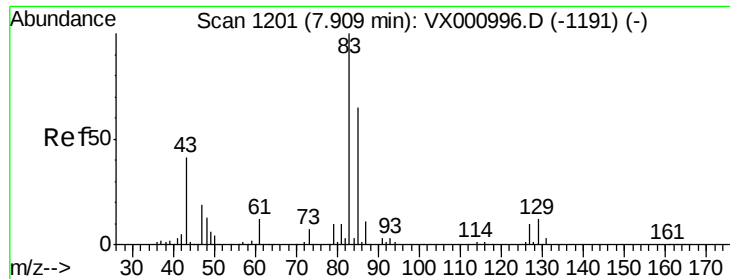


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.704 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampled :

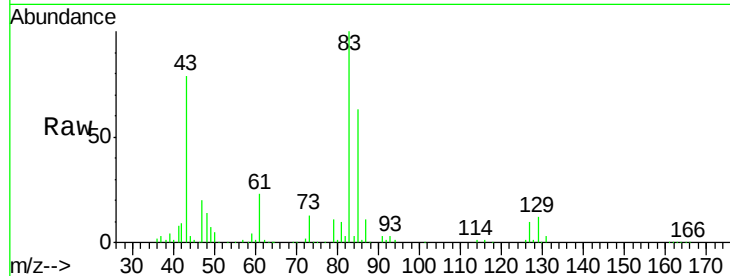
Tot Ion: 83 Resp: 159631

Ion Ratio Lower Upper

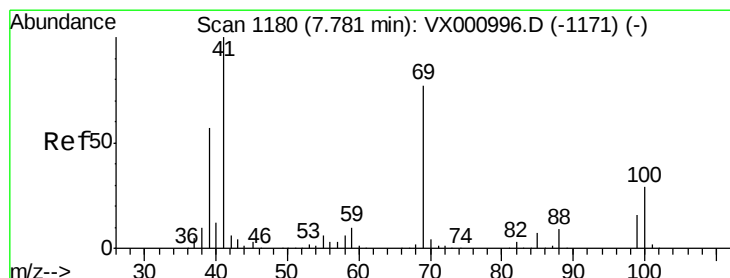
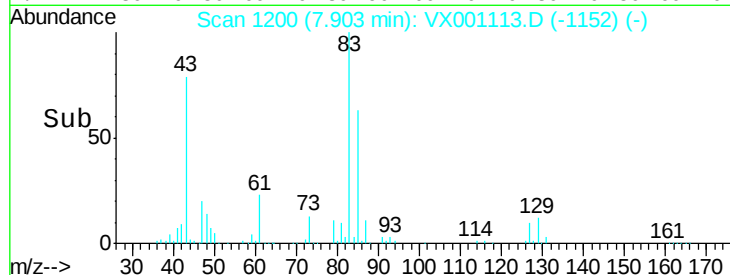
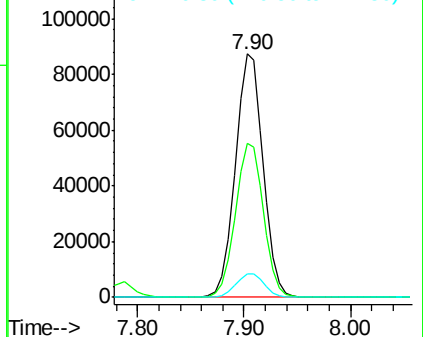
83 100

85 63.1 52.3 78.5

127 9.7 7.8 11.6



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: 47.400 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

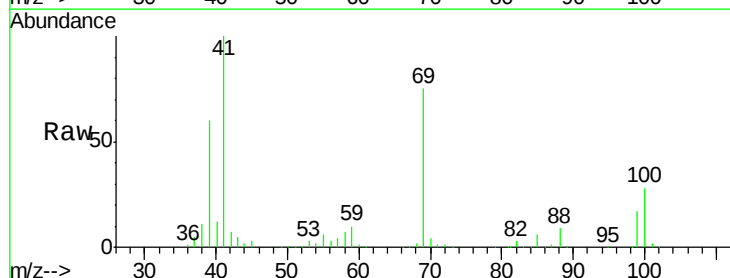
Tgt Ion: 41 Resp: 148539

Ion Ratio Lower Upper

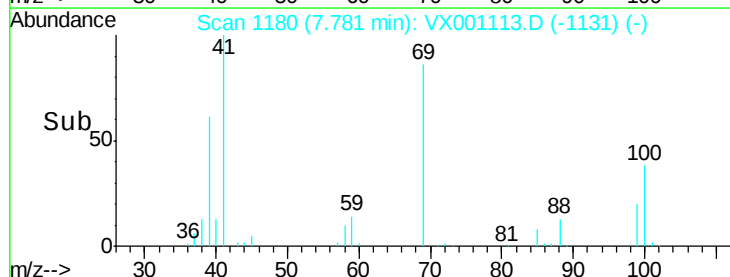
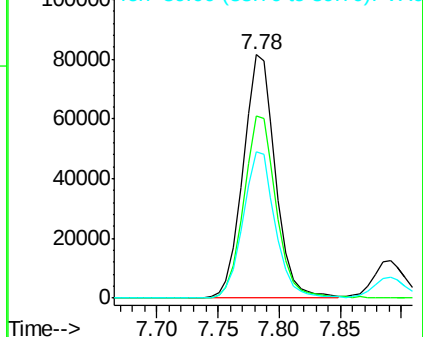
41 100

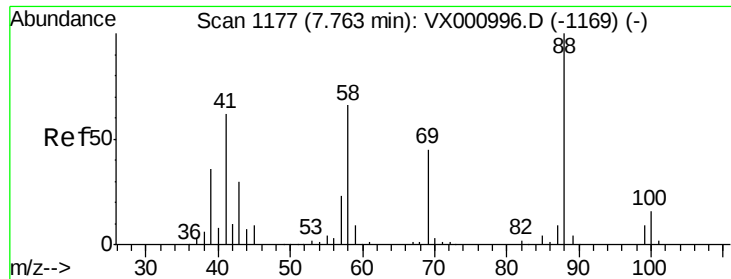
69 75.8 62.6 94.0

39 60.0 45.3 67.9



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

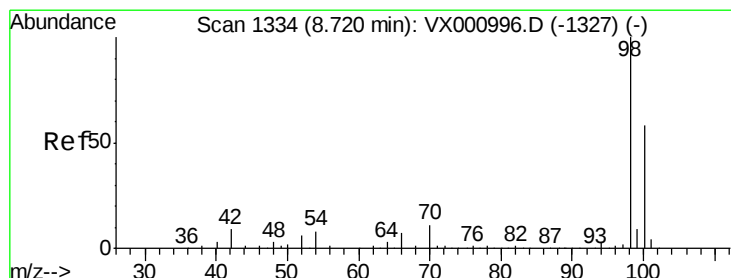
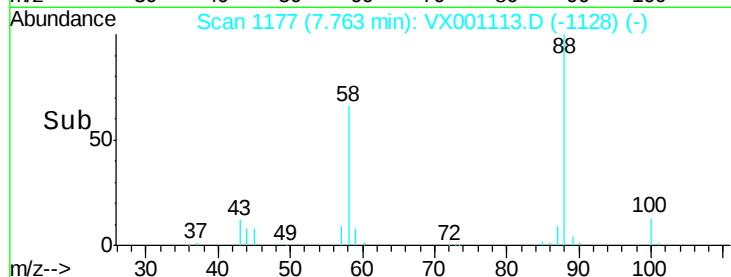
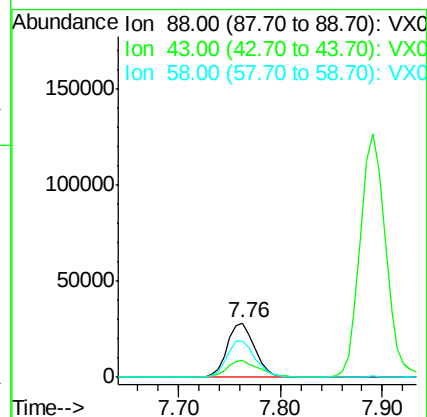
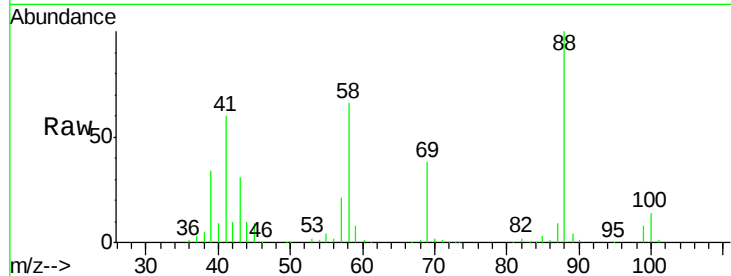




#49
1,4-Dioxane
Concen: 1154.060 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

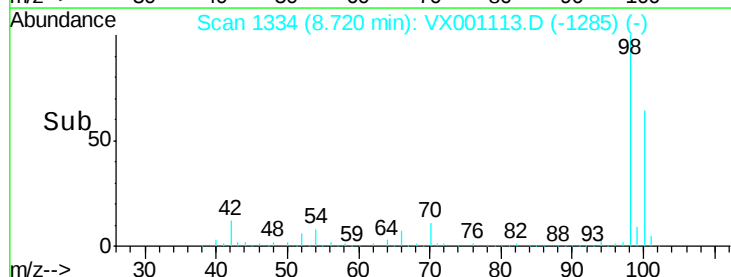
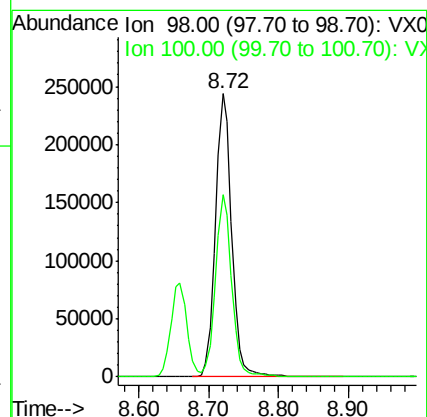
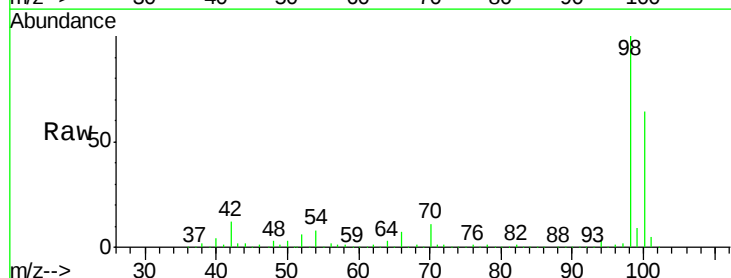
Instrument :
MSVOA_X
ClientSampleId :

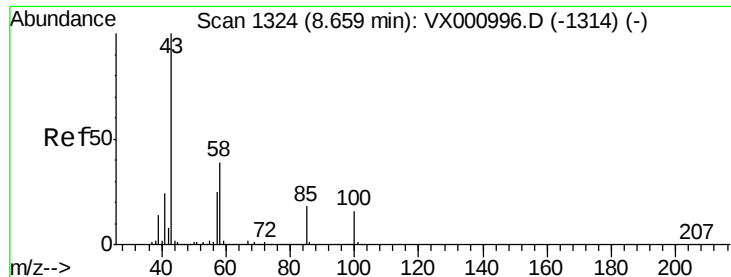
Tot Ion: 88 Resp: 53182
Ion Ratio Lower Upper
88 100
43 35.2 29.2 43.8
58 69.4 55.0 82.6



#50
Toluene-d8
Concen: 44.280 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion: 98 Resp: 392904
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

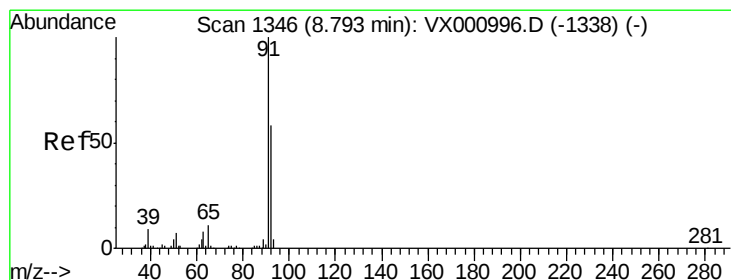
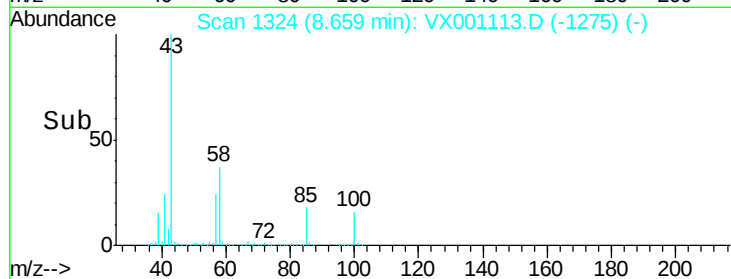
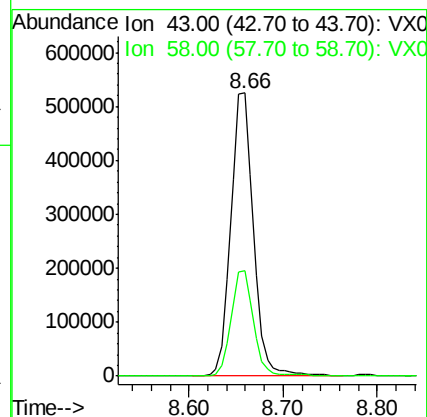
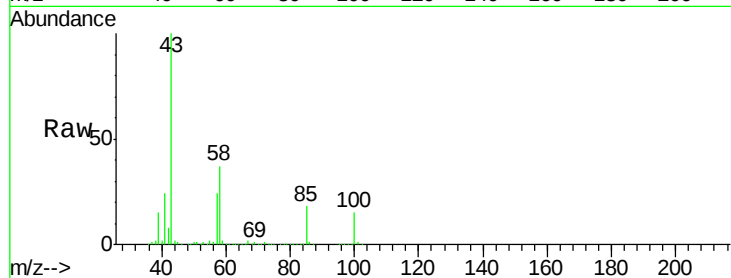




#51
4-Methyl-2-Pentanone
Concen: 247.868 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

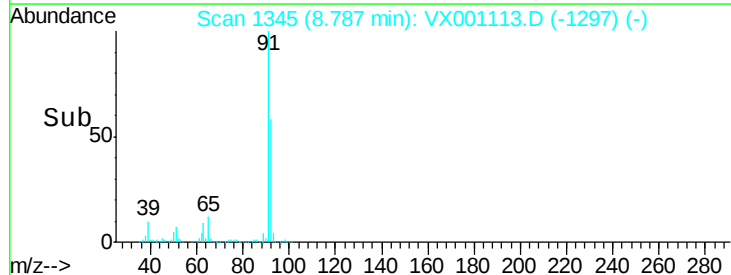
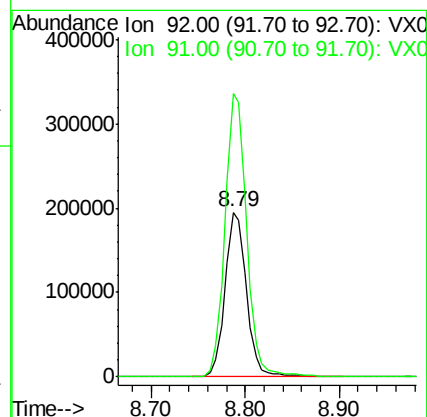
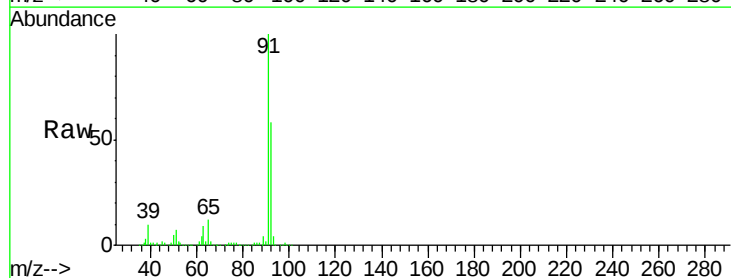
Instrument :
MSVOA_X
ClientSampled :

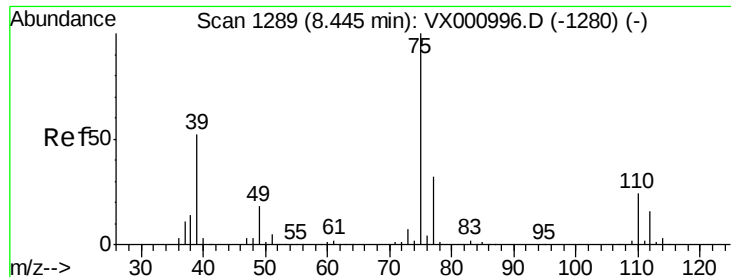
Tot Ion: 43 Resp: 875886
Ion Ratio Lower Upper
43 100
58 37.5 30.2 45.4



#52
Toluene
Concen: 45.923 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion: 92 Resp: 308165
Ion Ratio Lower Upper
92 100
91 174.1 138.2 207.4

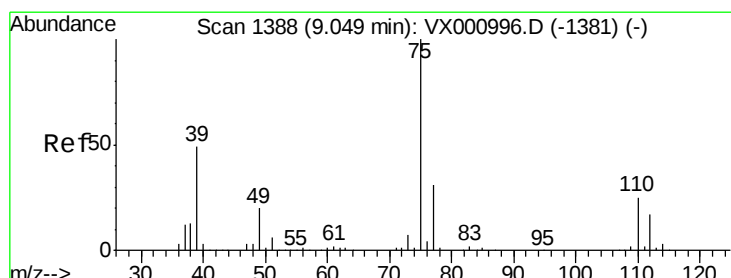
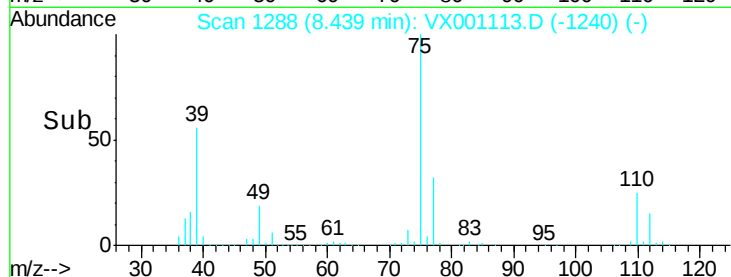
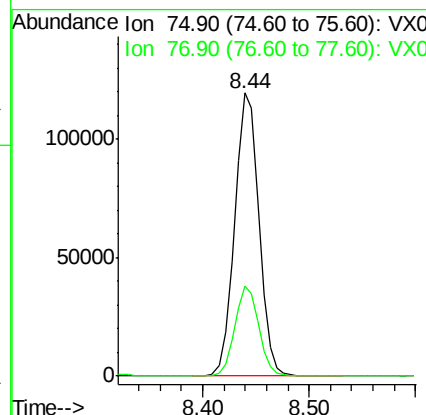
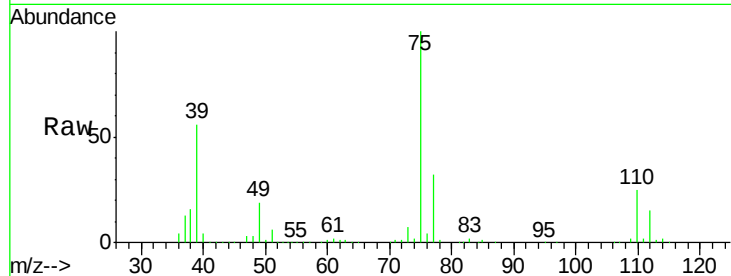




#53
 t-1,3-Dichloropropene
 Concen: 47.928 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX001113.D
 Acq: 25 Apr 2018 10:50

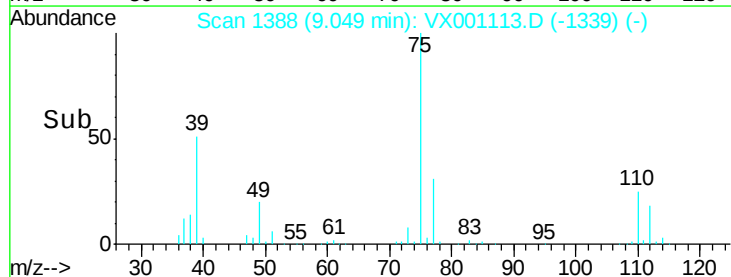
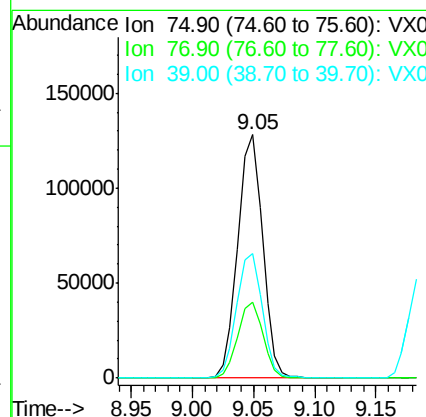
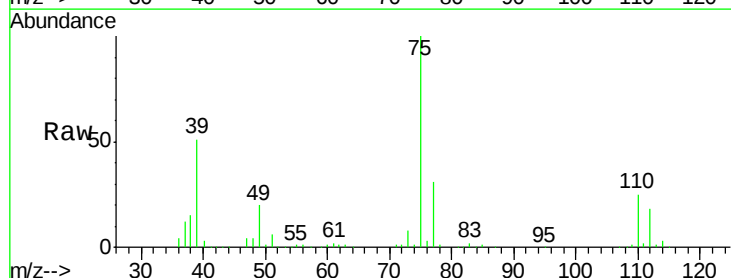
Instrument :
 MSVOA_X
 ClientSampleId :

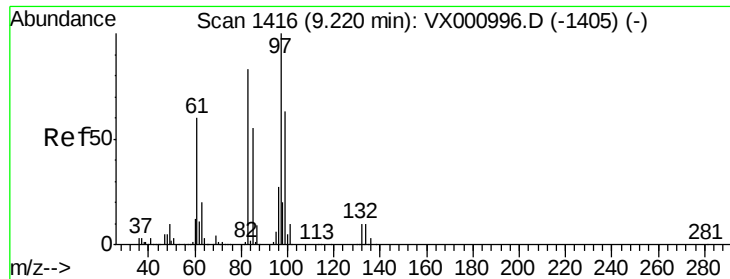
Tot Ion: 75 Resp: 191804
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 47.915 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001113.D
 Acq: 25 Apr 2018 10:50

Tgt Ion: 75 Resp: 180816
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6
 39 51.1 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 47.105 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

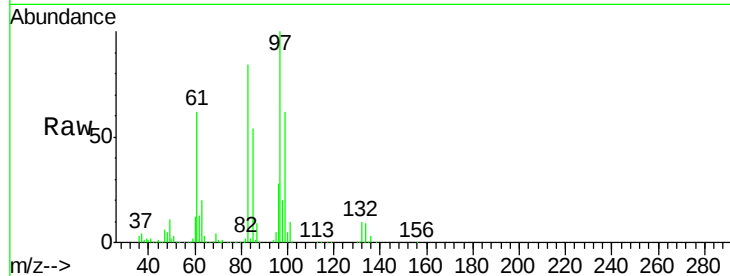
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 125639

Ion	Ratio	Lower	Upper
97	100		
83	83.8	66.2	99.4
85	54.4	44.2	66.4
99	61.7	50.2	75.4

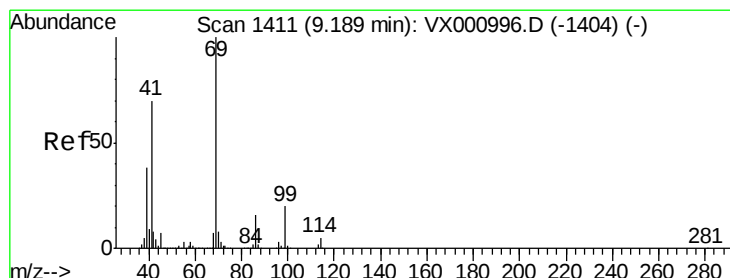
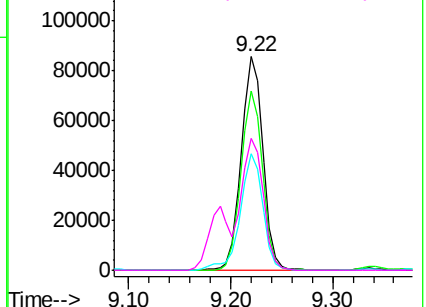
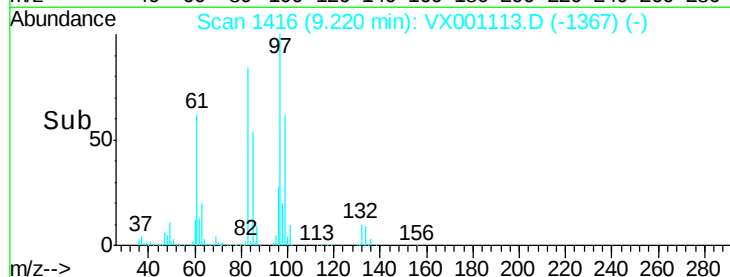


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.034 ug/l

RT: 9.19 min Scan# 1411

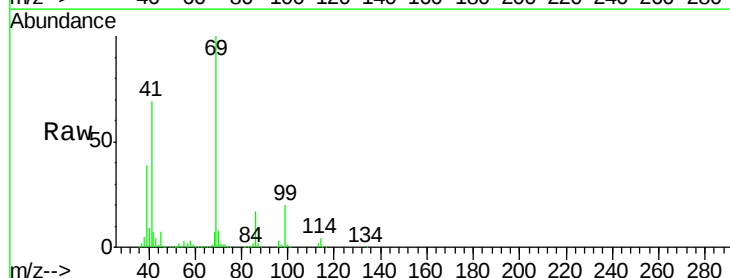
Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Tgt Ion: 69 Resp: 188173

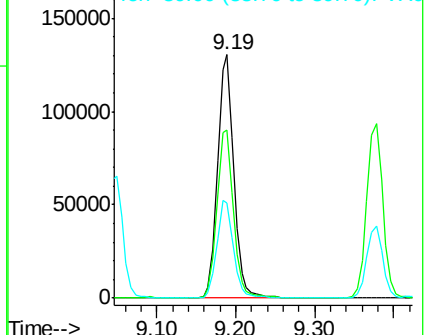
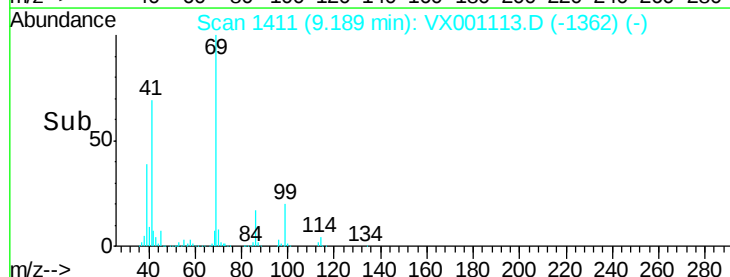
Ion	Ratio	Lower	Upper
69	100		
41	70.1	56.3	84.5
39	40.5	30.4	45.6

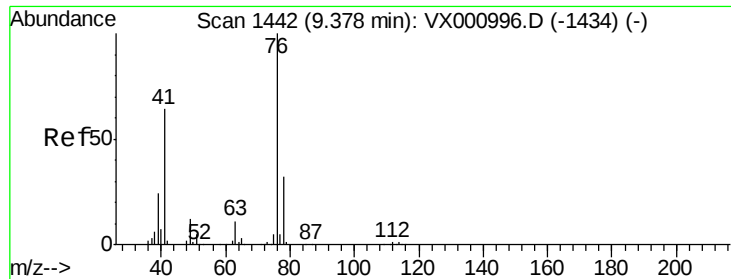


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

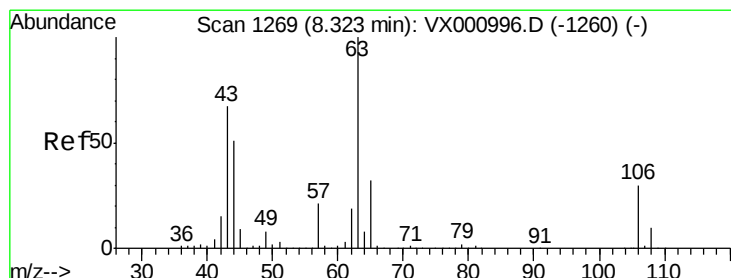
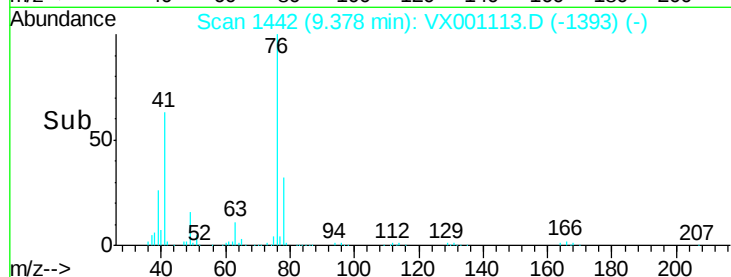
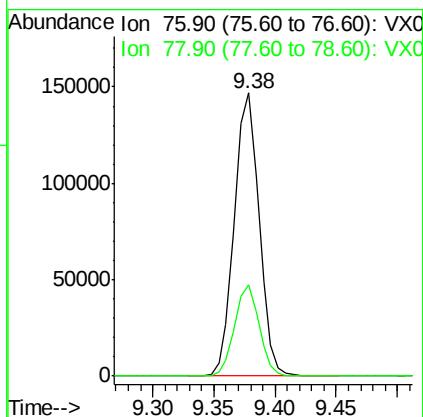
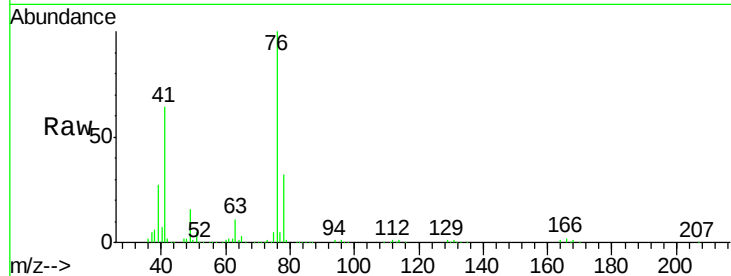




#57
 1,3-Dichloropropane
 Concen: 46.610 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001113.D
 Acq: 25 Apr 2018 10:50

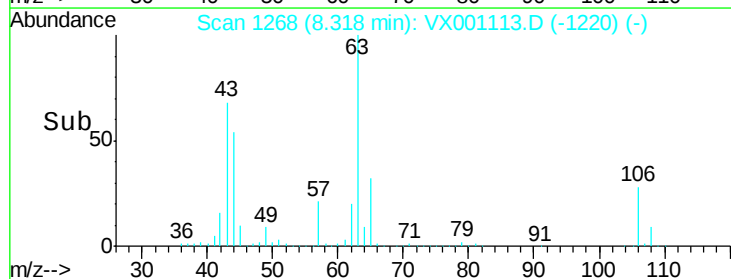
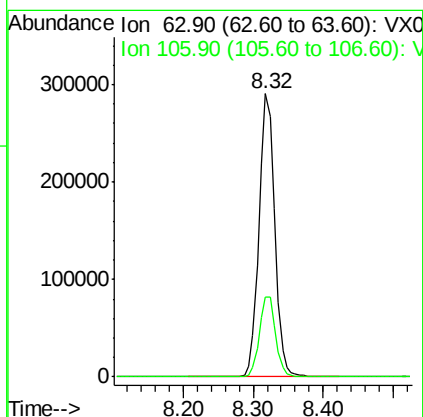
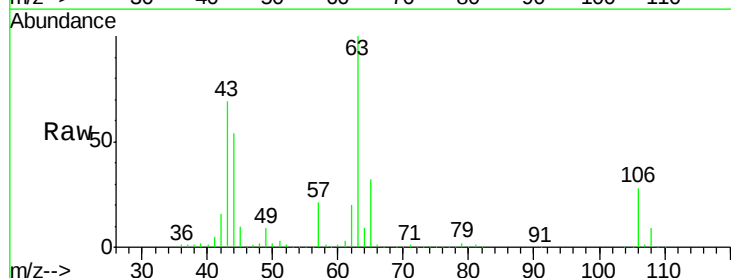
Instrument :
 MSVOA_X
 ClientSampled :

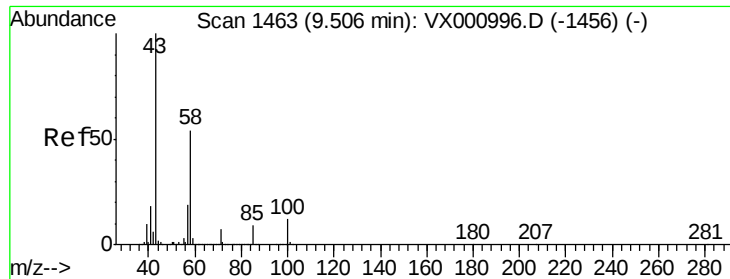
Tot Ion: 76 Resp: 205948
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.359 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001113.D
 Acq: 25 Apr 2018 10:50

Tgt Ion: 63 Resp: 457639
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.8 35.6

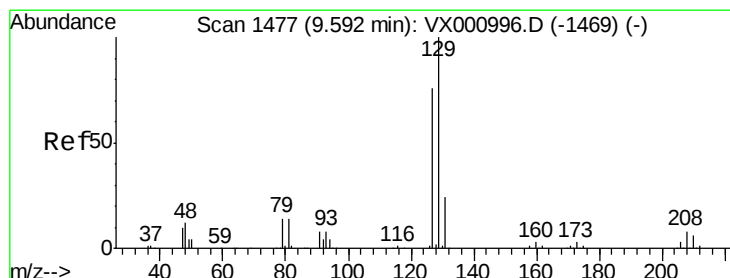
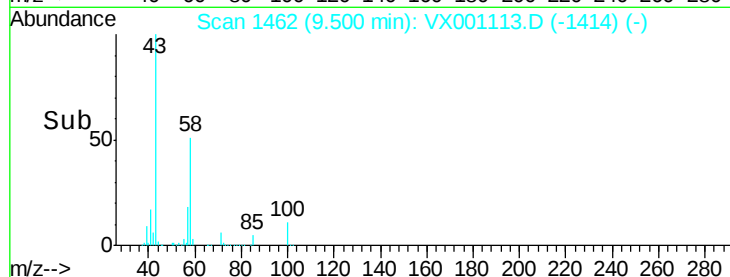
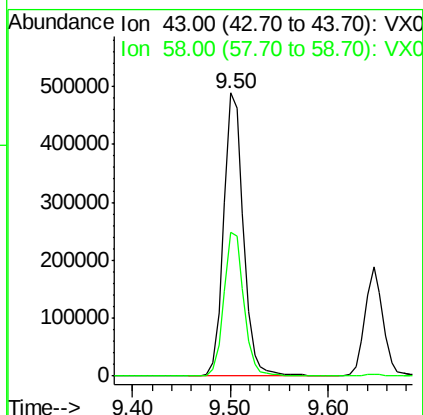
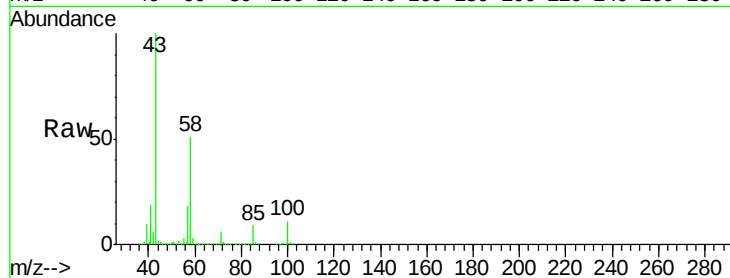




#59
2-Hexanone
Concen: 253.037 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

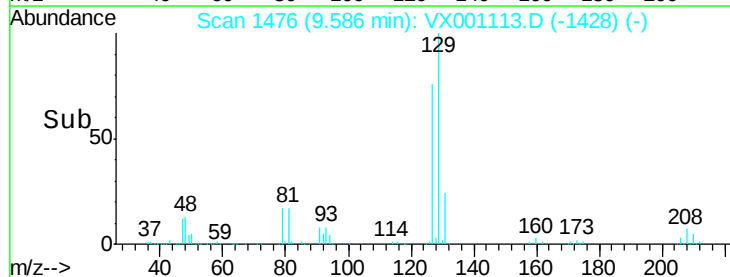
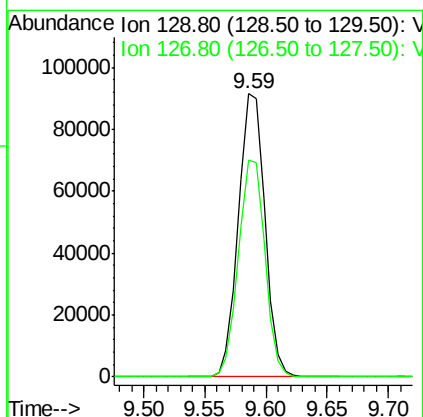
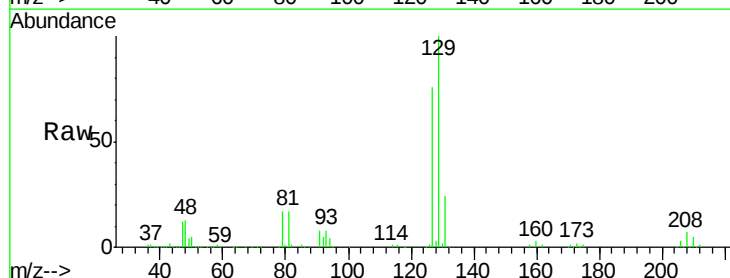
Instrument :
MSVOA_X
ClientSampleId :

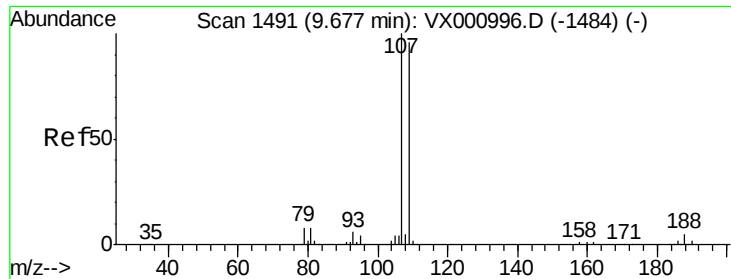
Tot Ion: 43 Resp: 684404
Ion Ratio Lower Upper
43 100
58 51.4 26.3 78.9



#60
Dibromochloromethane
Concen: 49.129 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion: 129 Resp: 137624
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 47.611 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

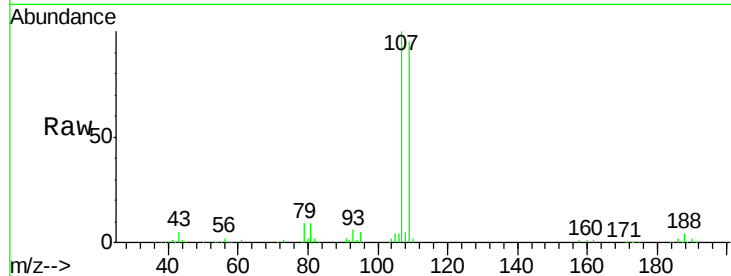
ClientSampleId :

Tot Ion:107 Resp: 134016

Ion Ratio Lower Upper

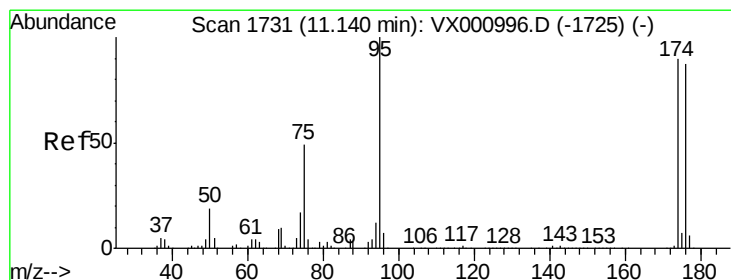
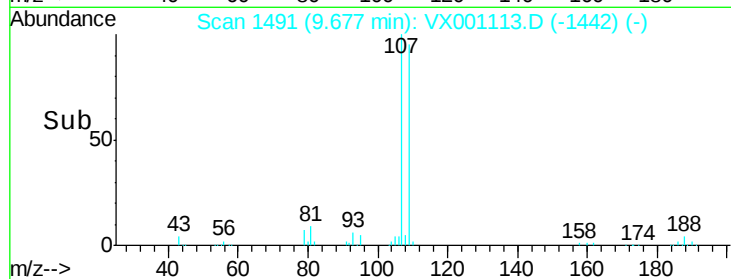
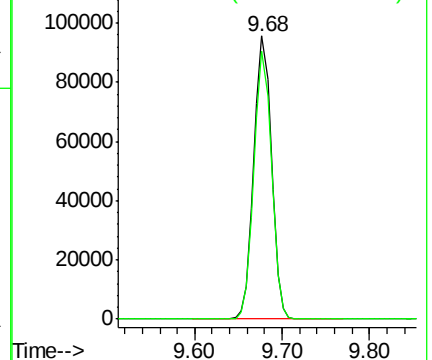
107 100

109 94.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.394 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

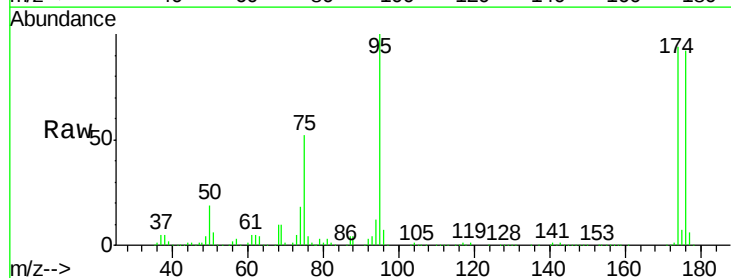
Tgt Ion: 95 Resp: 165319

Ion Ratio Lower Upper

95 100

174 98.6 0.0 198.4

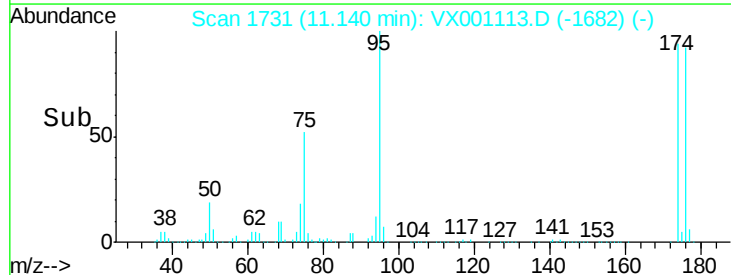
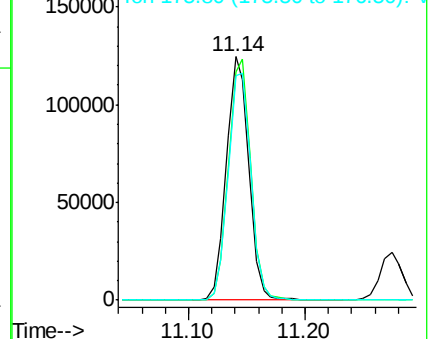
176 95.5 0.0 192.0

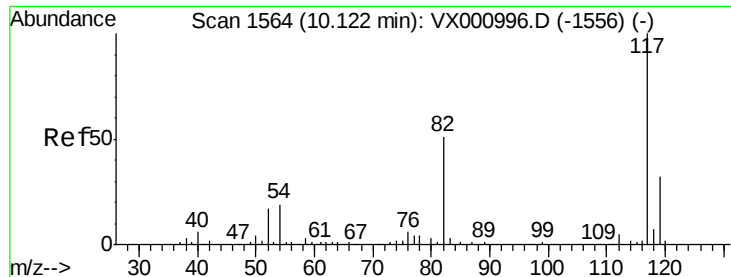


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

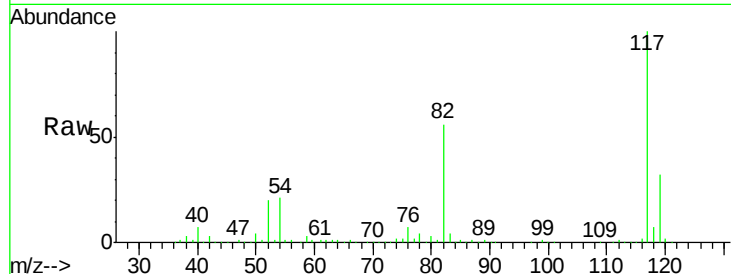




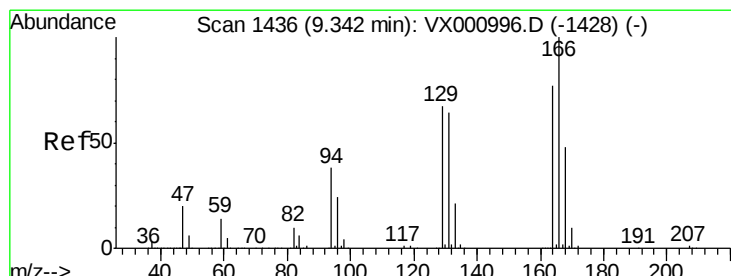
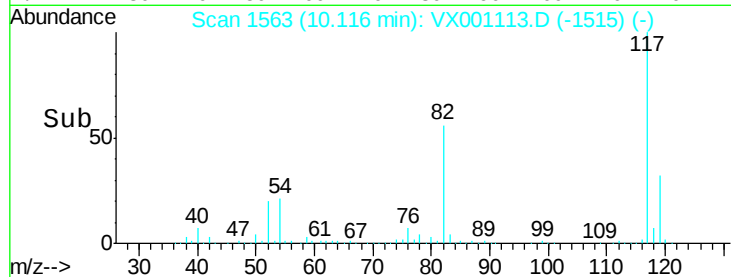
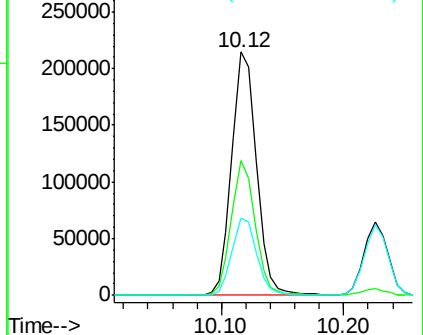
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 302023
Ion Ratio Lower Upper
117 100
82 55.6 40.6 60.8
119 31.9 26.0 39.0



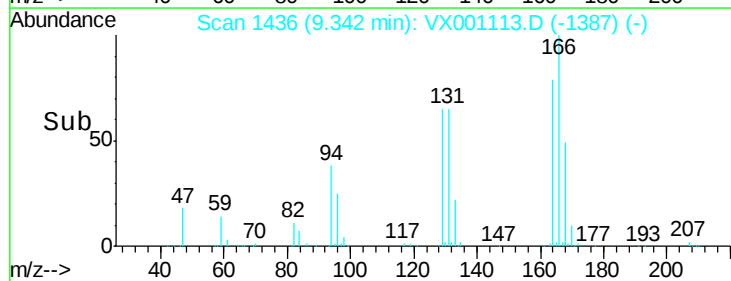
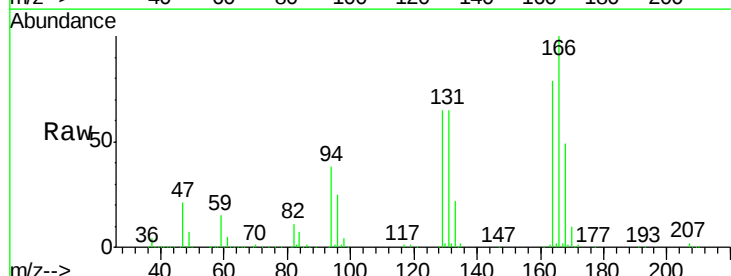
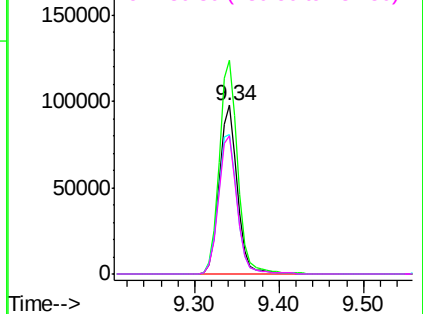
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

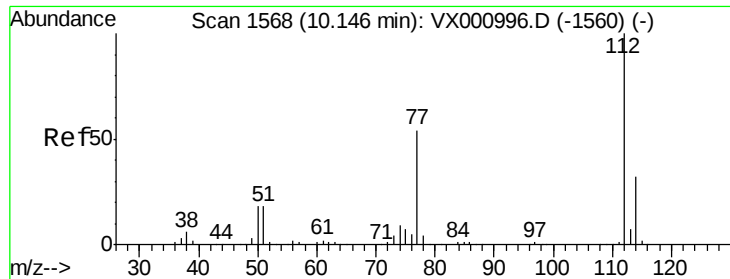


#64
Tetrachloroethene
Concen: 45.373 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion:164 Resp: 145526
Ion Ratio Lower Upper
164 100
166 126.5 103.5 155.3
129 82.5 69.6 104.4
131 82.1 65.8 98.8

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





#65

Chlorobenzene

Concen: 45.360 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

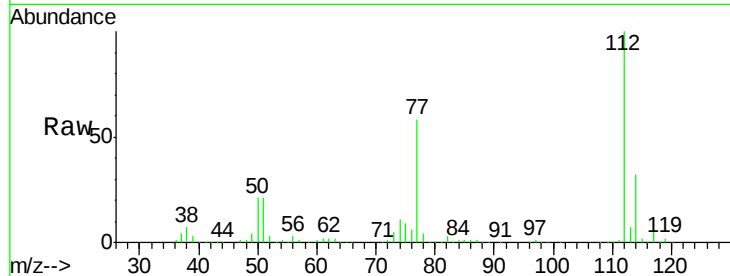
ClientSampled :

Tot Ion:112 Resp: 364789

Ion Ratio Lower Upper

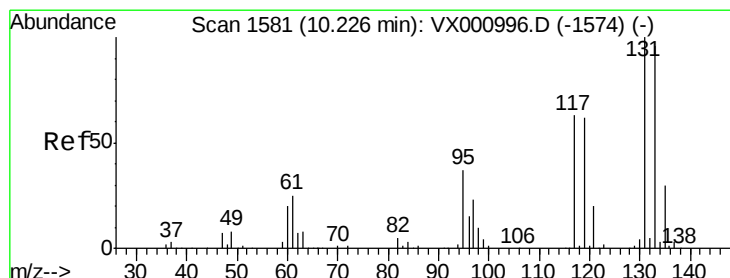
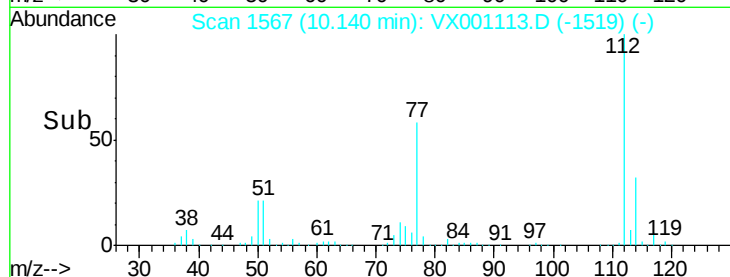
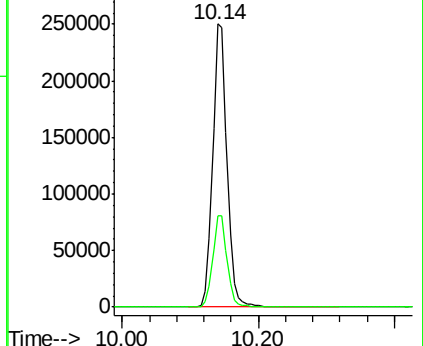
112 100

114 32.1 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.648 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

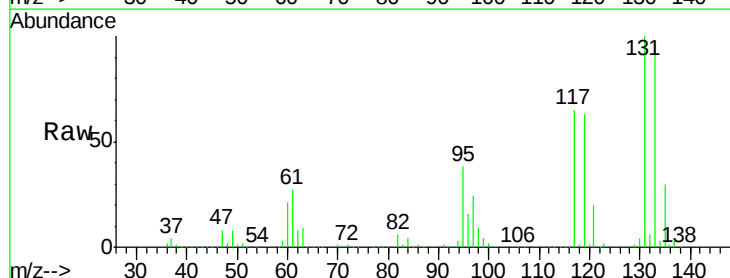
Tgt Ion:131 Resp: 134282

Ion Ratio Lower Upper

131 100

133 96.5 47.6 142.8

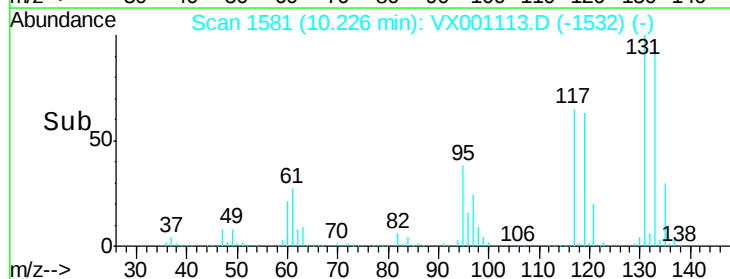
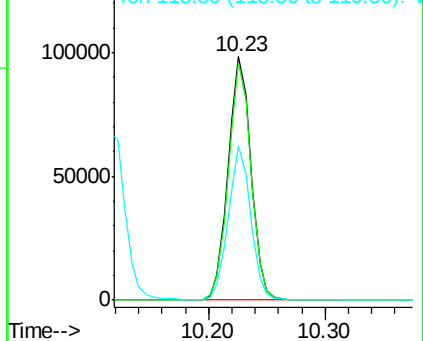
119 62.2 31.1 93.2

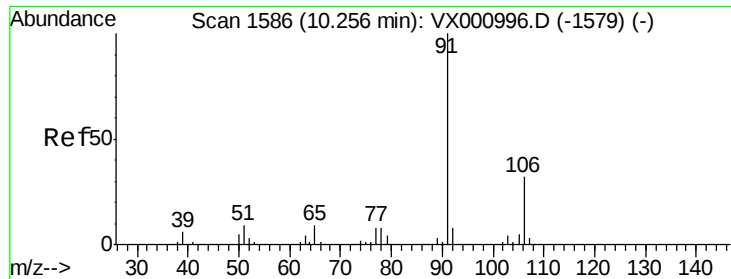


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

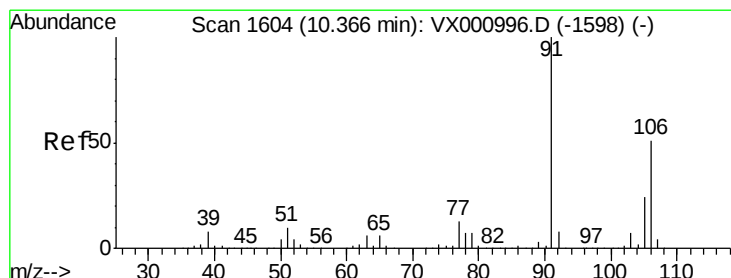
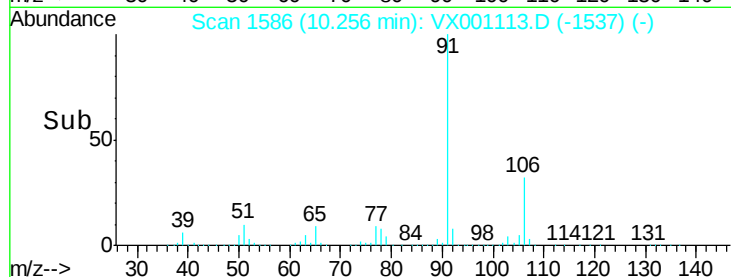
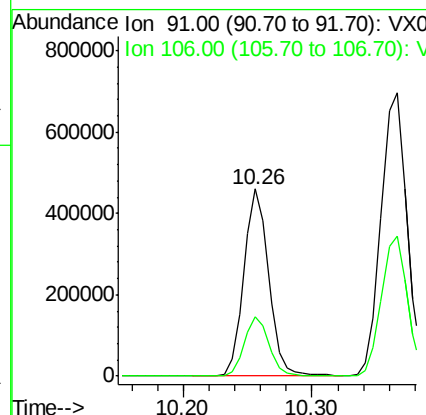
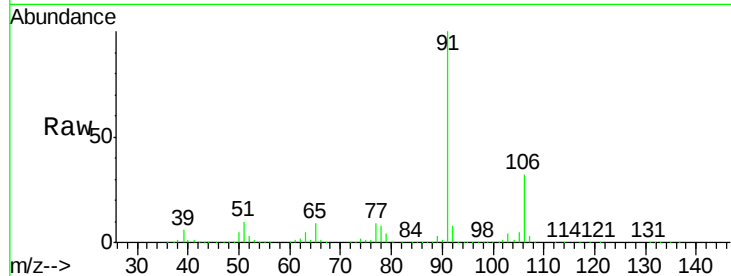




#67
Ethyl Benzene
Concen: 46.108 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

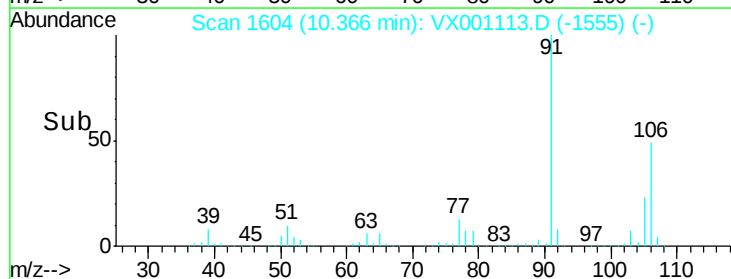
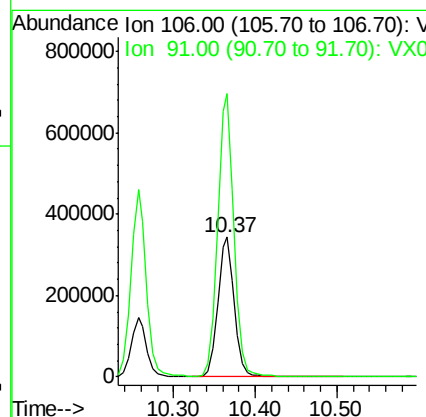
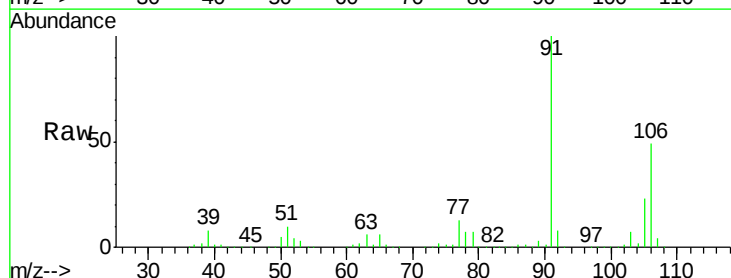
Instrument :
MSVOA_X
ClientSampleId :

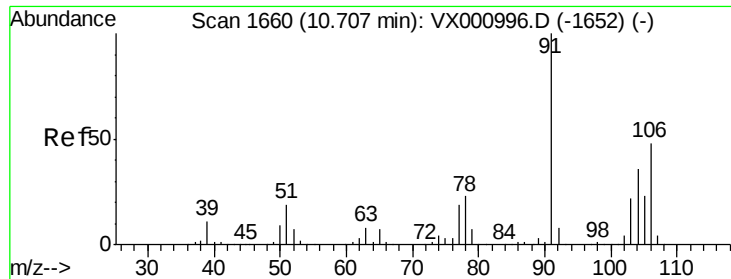
Tot Ion: 91 Resp: 615780
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 92.513 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion: 106 Resp: 486955
Ion Ratio Lower Upper
106 100
91 202.1 159.3 238.9

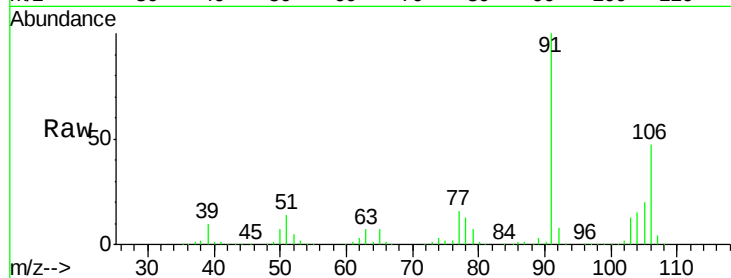




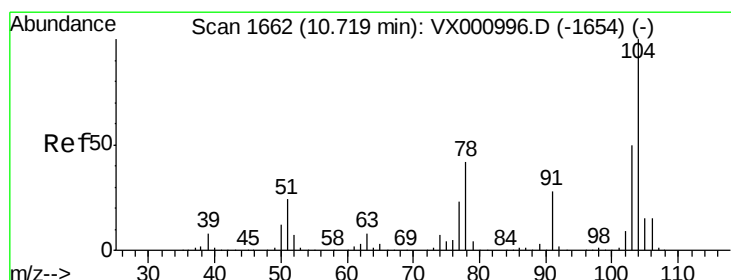
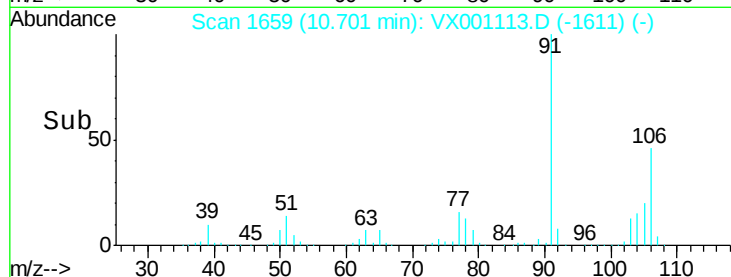
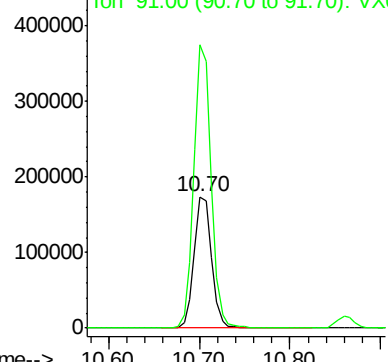
#69
o-Xylene
Concen: 46.465 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 235788
Ion Ratio Lower Upper
106 100
91 212.2 105.1 315.1

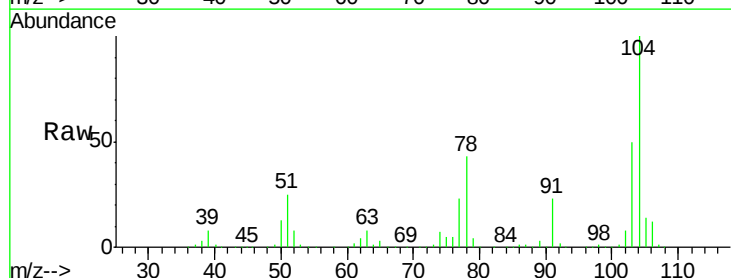


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

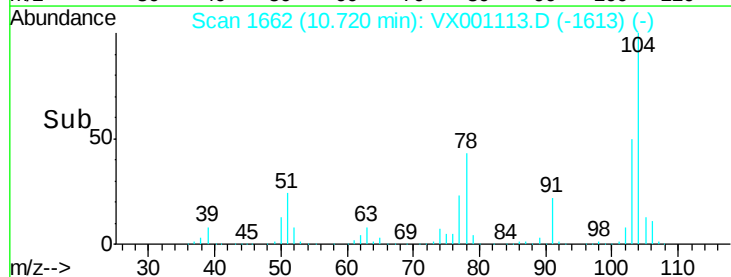
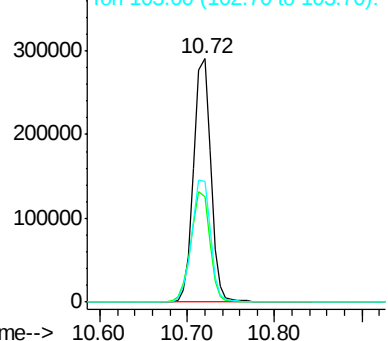


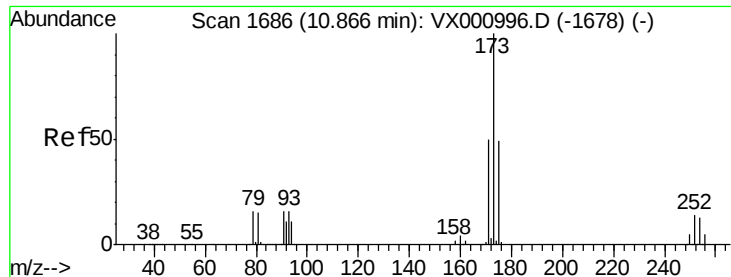
#70
Styrene
Concen: 47.308 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion:104 Resp: 395369
Ion Ratio Lower Upper
104 100
78 50.2 39.4 59.2
103 55.1 44.2 66.2



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

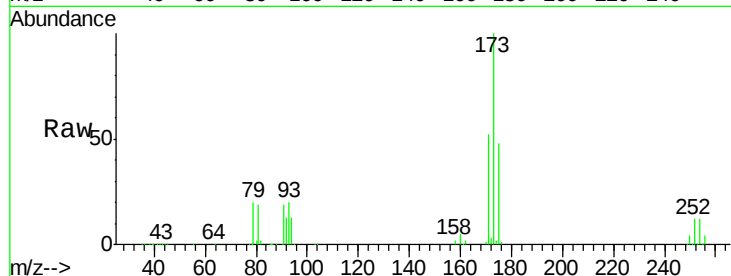




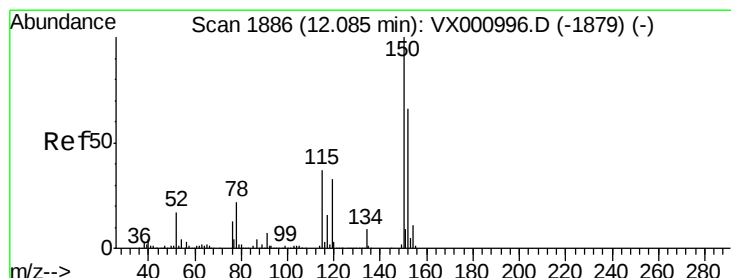
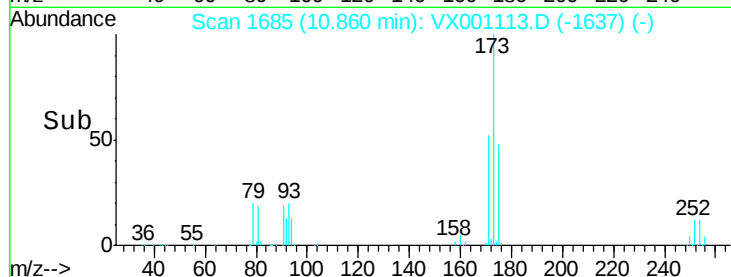
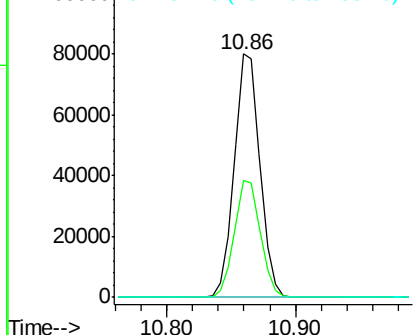
#71
Bromoform
Concen: 43.585 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 111059
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.3
254 0.2 0.2 0.2

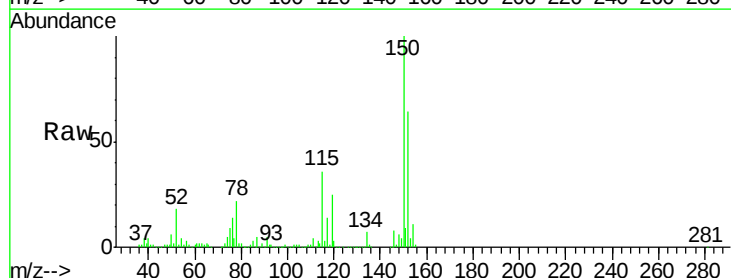


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

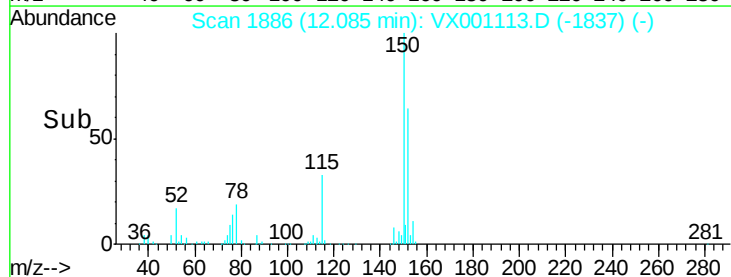
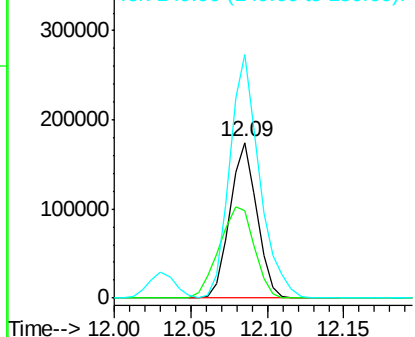


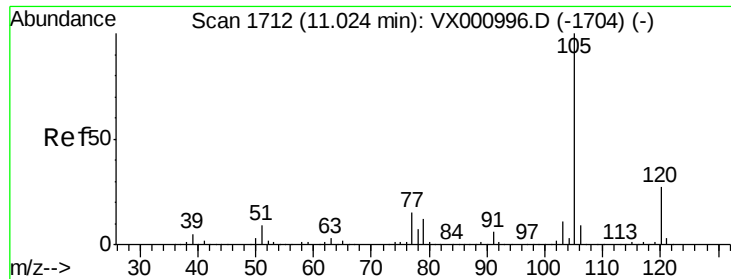
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001113.D
Acq: 25 Apr 2018 10:50

Tgt Ion:152 Resp: 212204
Ion Ratio Lower Upper
152 100
115 77.3 38.2 114.6
150 173.7 0.0 350.4



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: 46.988 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

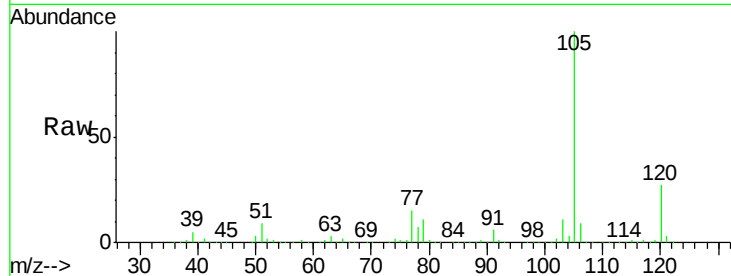
ClientSampleId :

Tot Ion:105 Resp: 651868

Ion Ratio Lower Upper

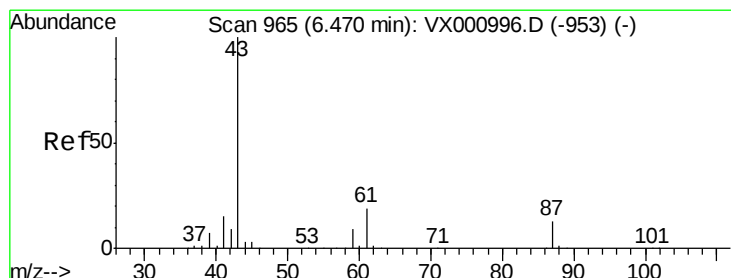
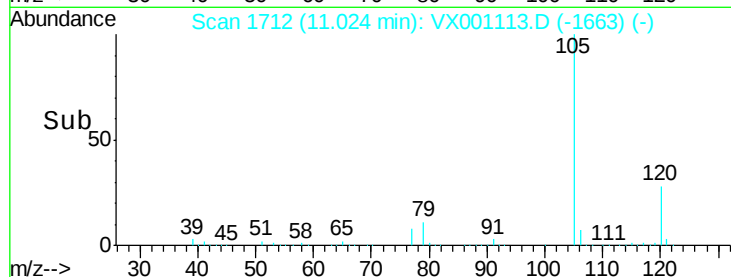
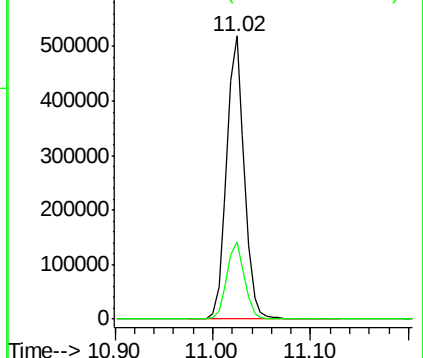
105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.993 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Tgt Ion: 43 Resp: 272947

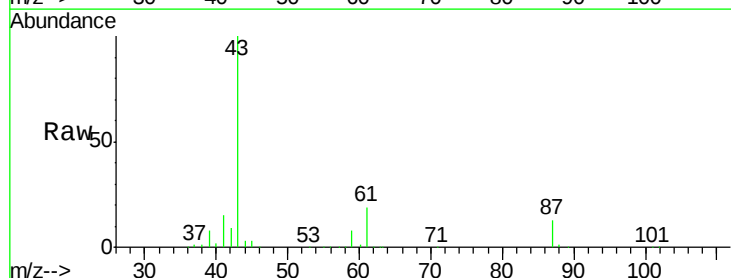
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.6 15.4 23.2

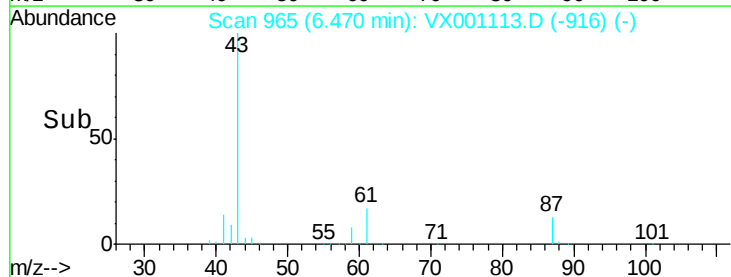
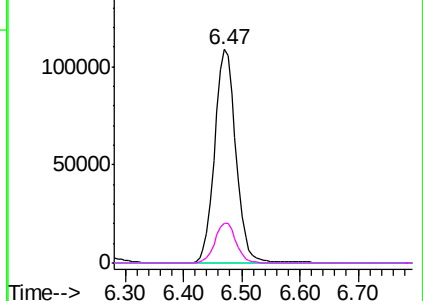


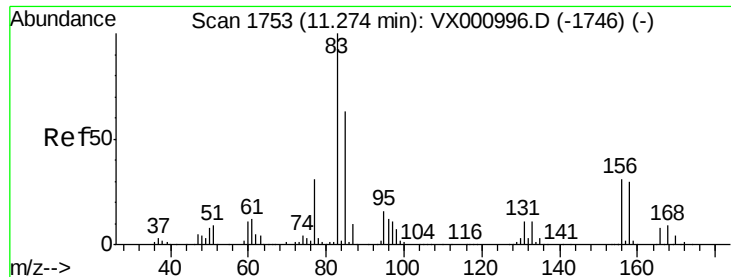
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.180 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

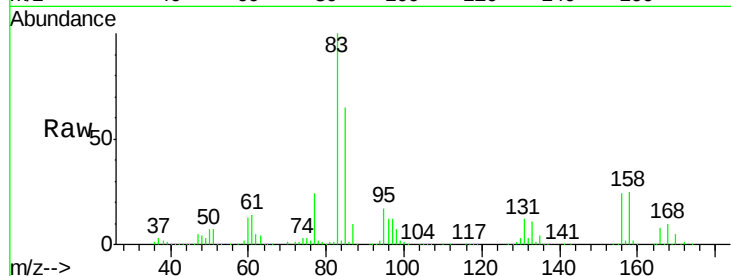
Tot Ion: 83 Resp: 189215

Ion Ratio Lower Upper

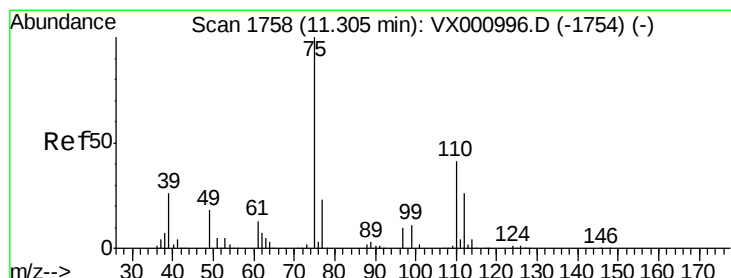
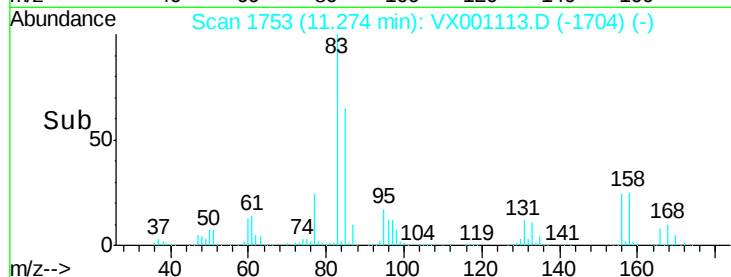
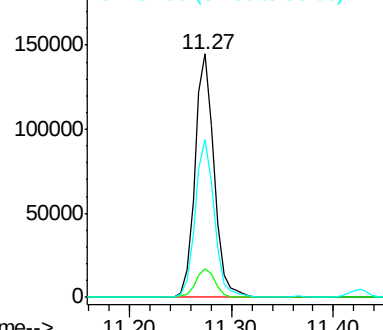
83 100

131 11.9 5.8 17.4

85 64.9 32.0 96.2



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: 58.232 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001113.D

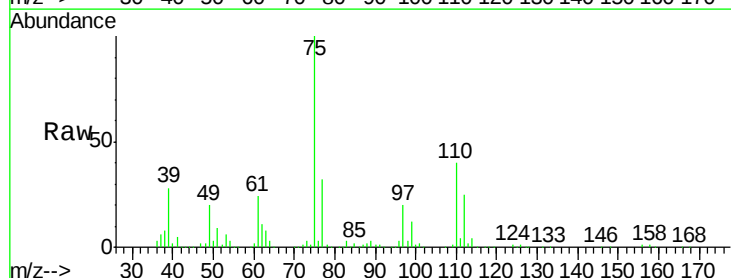
Acq: 25 Apr 2018 10:50

Tgt Ion: 75 Resp: 214391

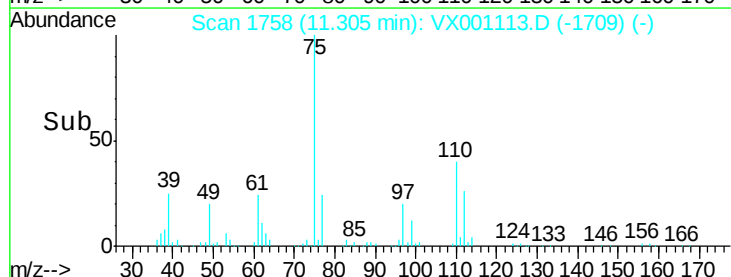
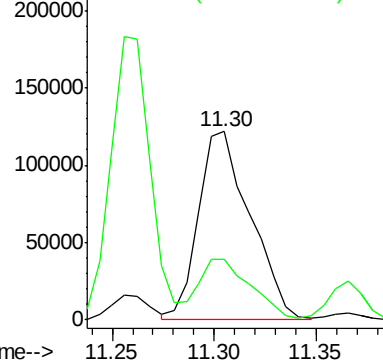
Ion Ratio Lower Upper

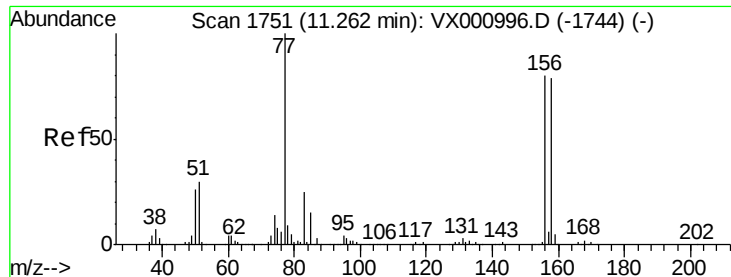
75 100

77 31.3 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.224 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

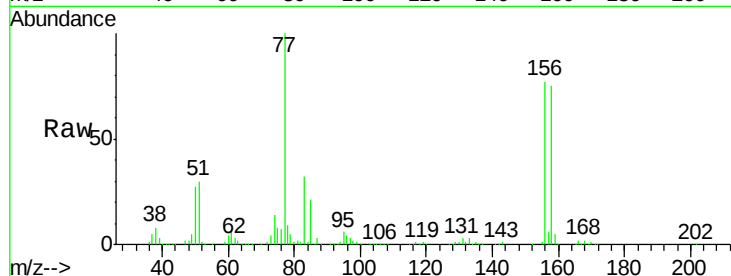
Tot Ion:156 Resp: 182116

Ion Ratio Lower Upper

156 100

77 134.4 66.3 199.0

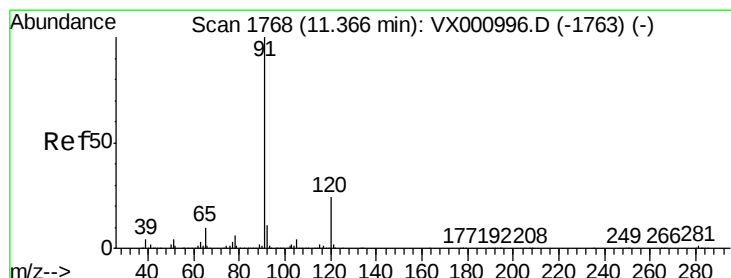
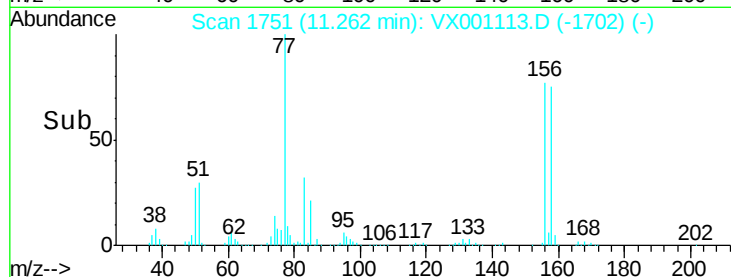
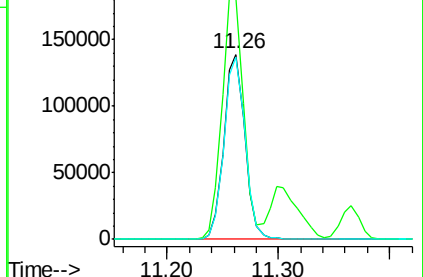
158 98.7 48.9 146.6



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: 46.763 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001113.D

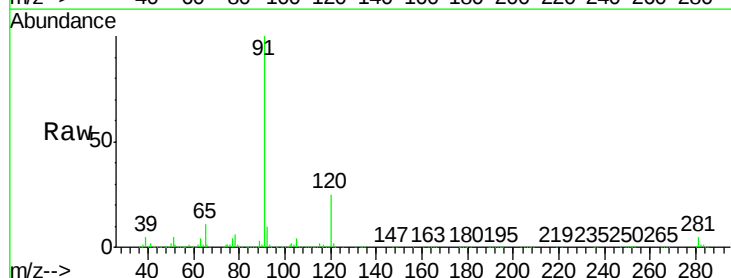
Acq: 25 Apr 2018 10:50

Tgt Ion: 91 Resp: 744756

Ion Ratio Lower Upper

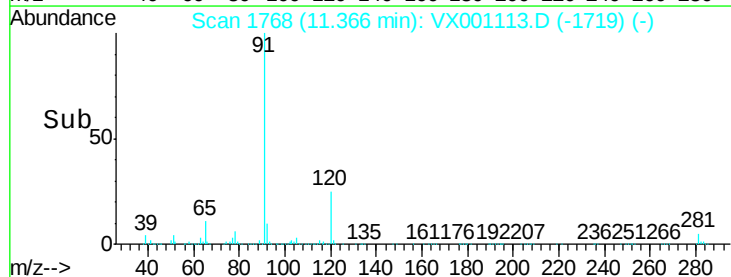
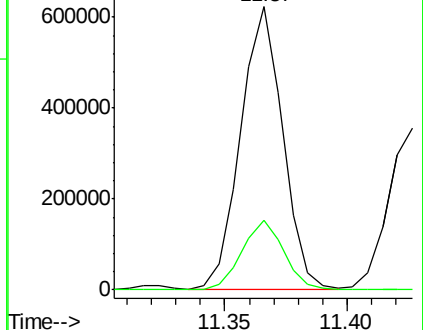
91 100

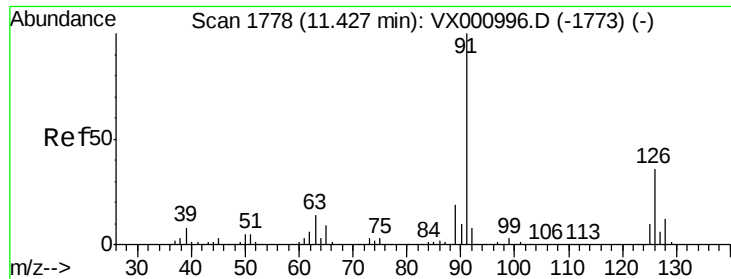
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.563 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

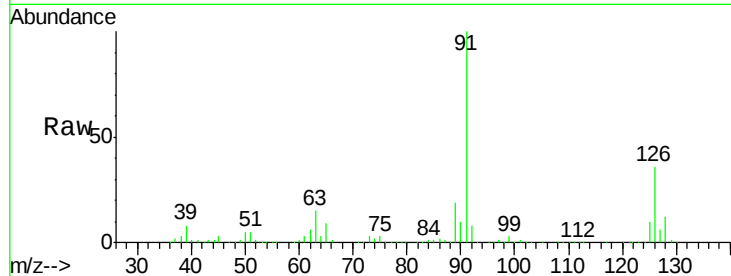
ClientSampleId :

Tot Ion: 91 Resp: 438206

Ion Ratio Lower Upper

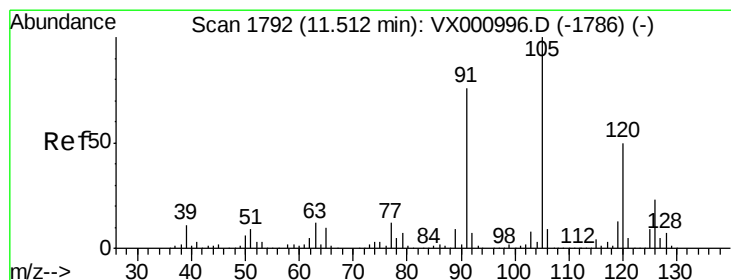
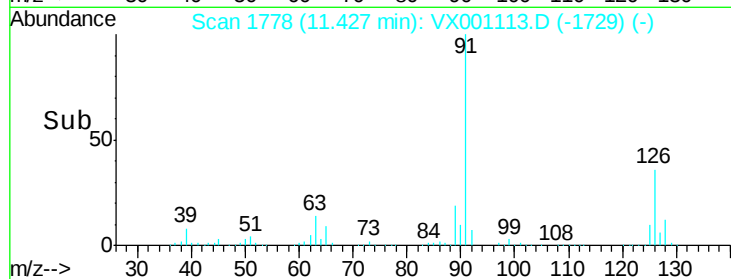
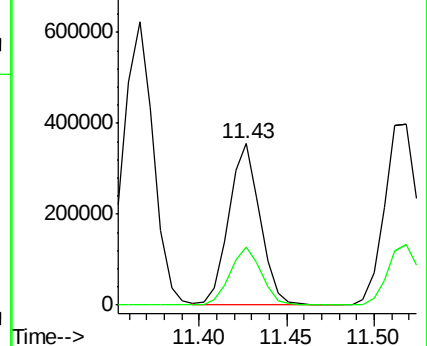
91 100

126 36.4 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000996.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.873 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001113.D

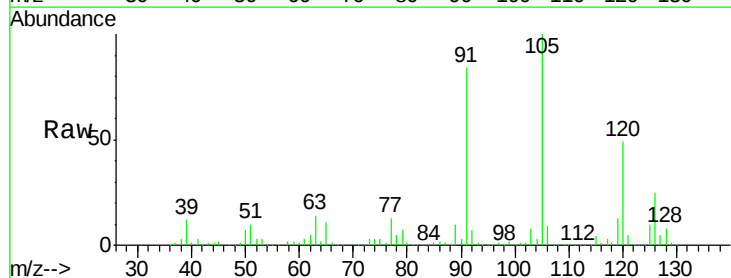
Acq: 25 Apr 2018 10:50

Tgt Ion: 105 Resp: 562971

Ion Ratio Lower Upper

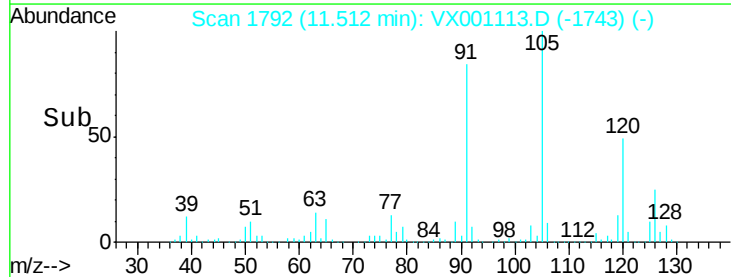
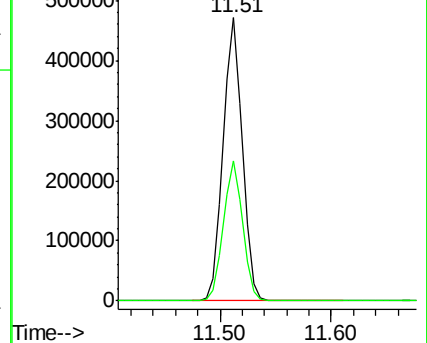
105 100

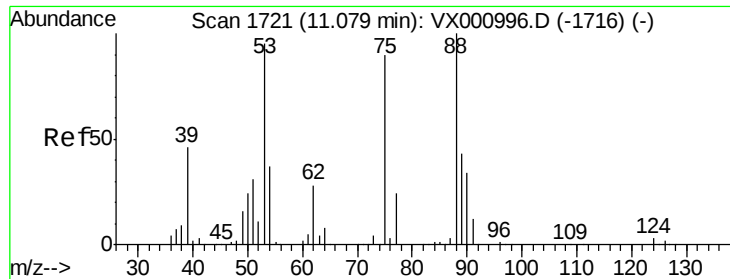
120 49.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000996.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000996.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.504 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

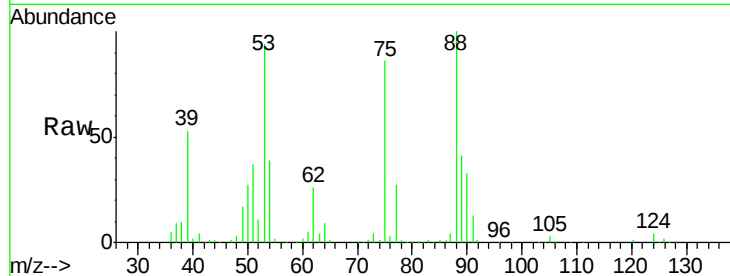
Tot Ion: 75 Resp: 49087

Ion Ratio Lower Upper

75 100

53 111.9 83.4 125.2

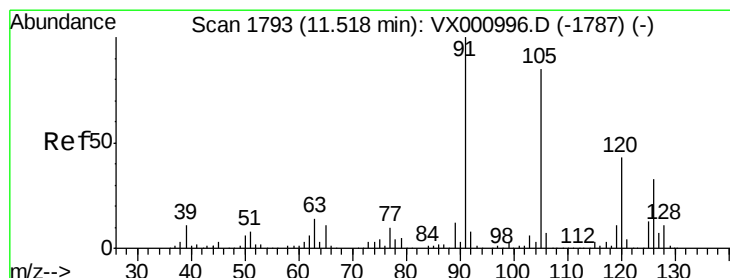
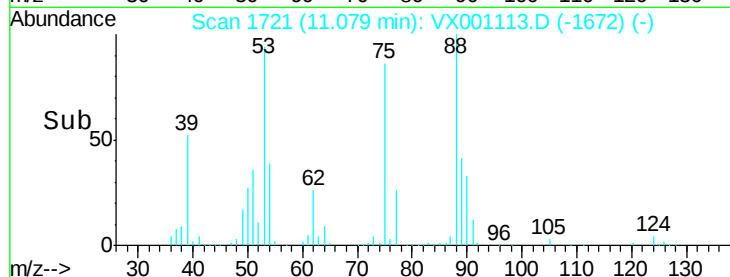
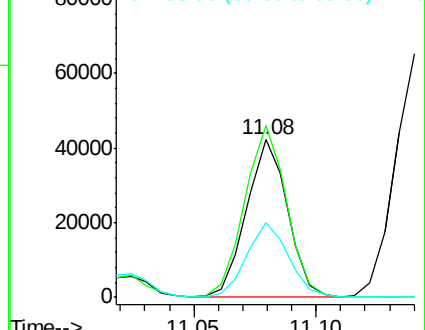
89 48.9 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.305 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001113.D

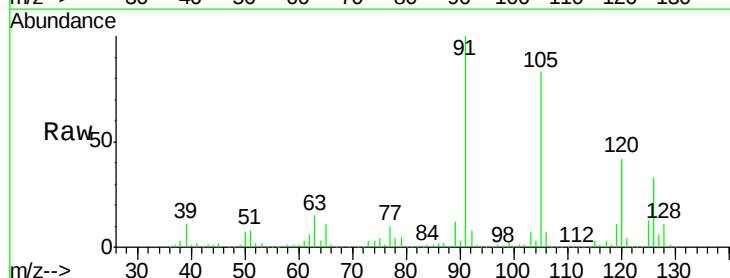
Acq: 25 Apr 2018 10:50

Tgt Ion: 91 Resp: 526547

Ion Ratio Lower Upper

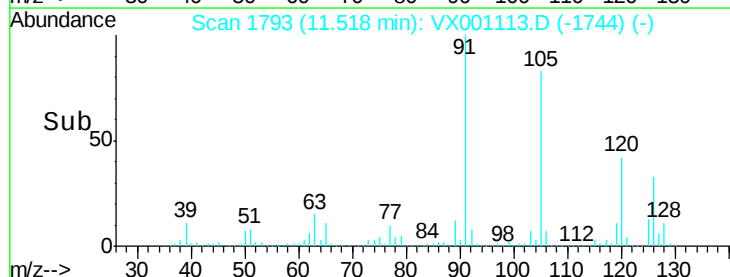
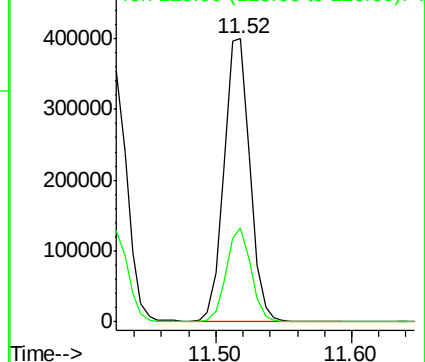
91 100

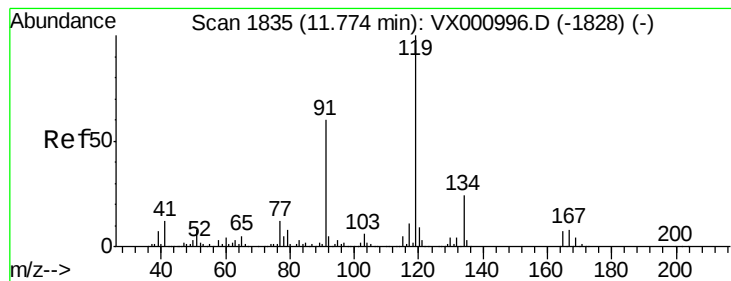
126 31.8 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.327 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

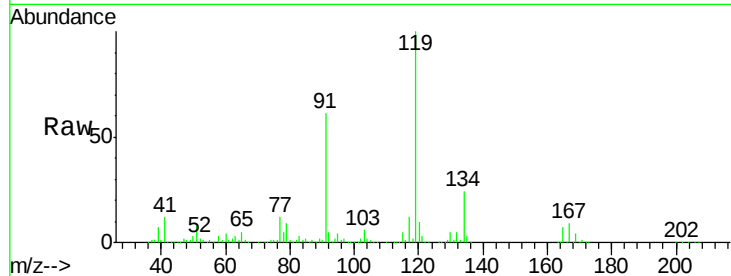
Tot Ion:119 Resp: 573328

Ion Ratio Lower Upper

119 100

91 55.8 27.0 81.0

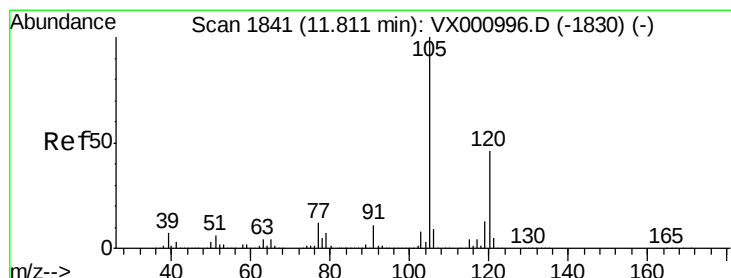
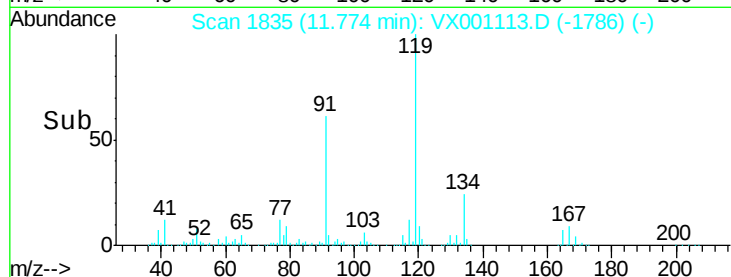
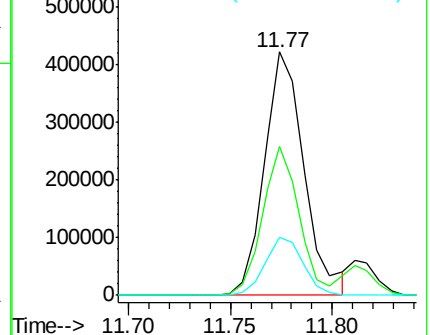
134 23.1 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.804 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001113.D

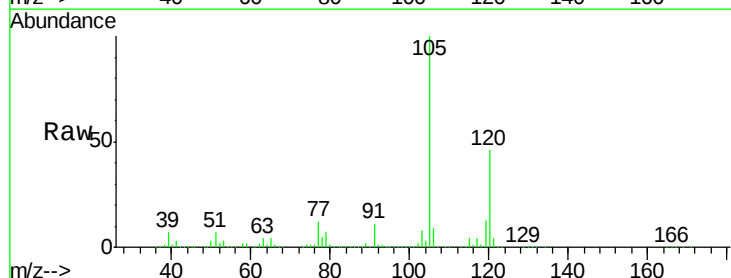
Acq: 25 Apr 2018 10:50

Tgt Ion:105 Resp: 578536

Ion Ratio Lower Upper

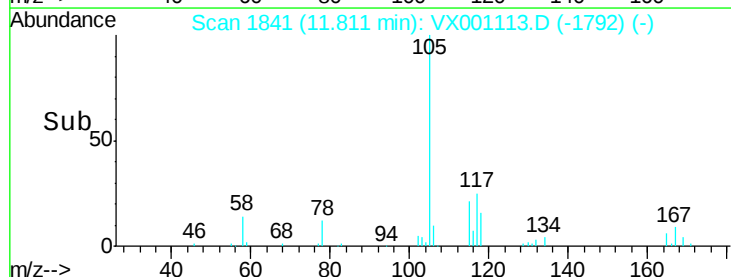
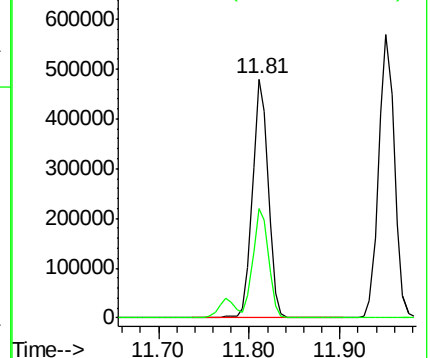
105 100

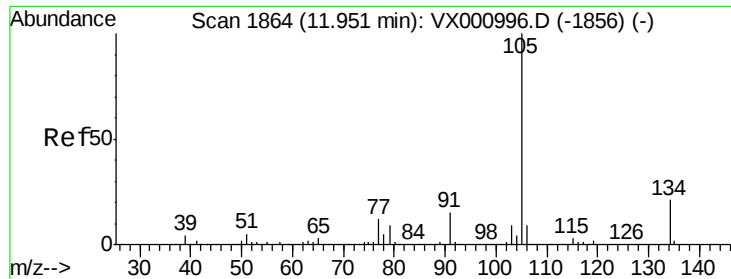
120 45.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.427 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

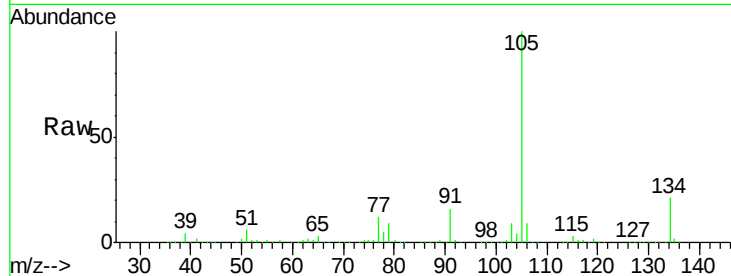
ClientSampleId :

Tot Ion:105 Resp: 685774

Ion Ratio Lower Upper

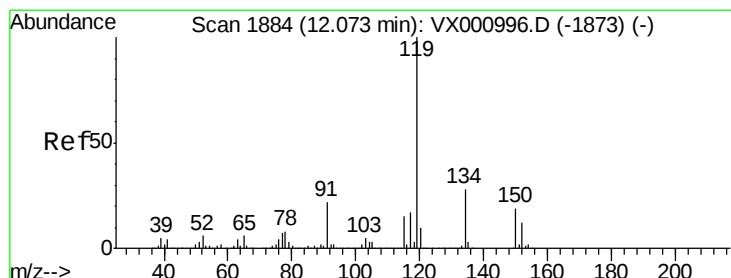
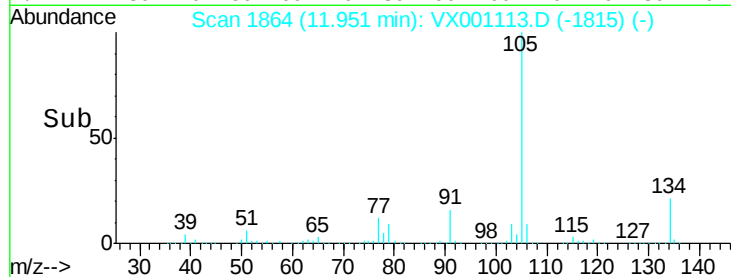
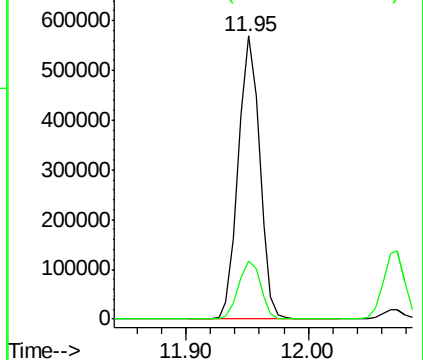
105 100

134 21.3 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.646 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

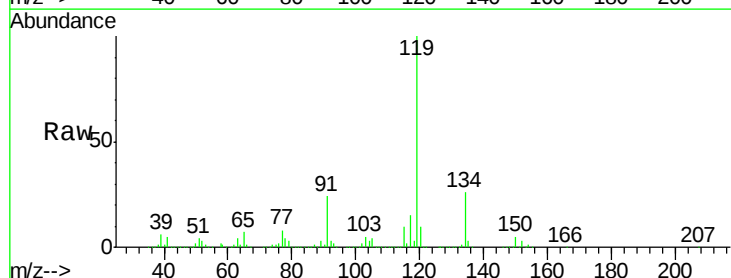
Tgt Ion:119 Resp: 637243

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

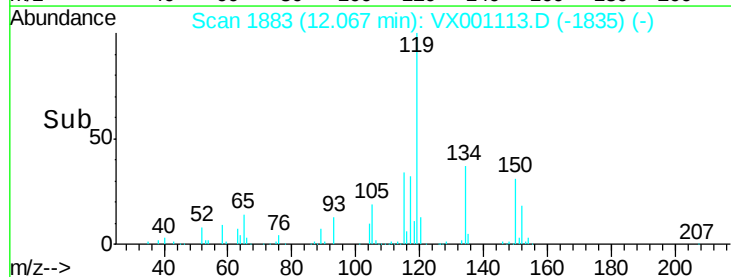
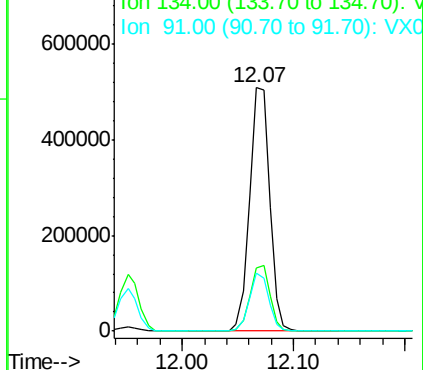
91 23.2 11.4 34.1

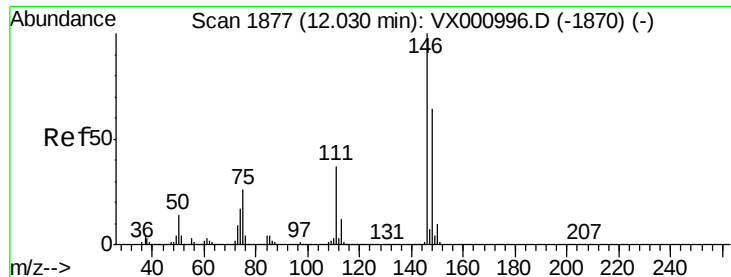


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 45.068 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

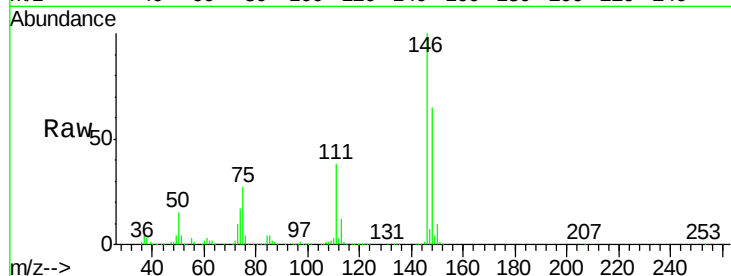
Tot Ion:146 Resp: 339760

Ion Ratio Lower Upper

146 100

111 37.2 18.3 54.8

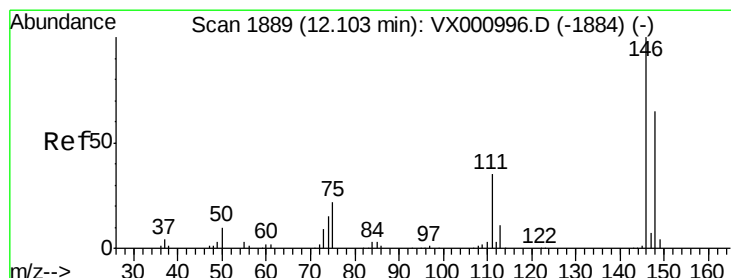
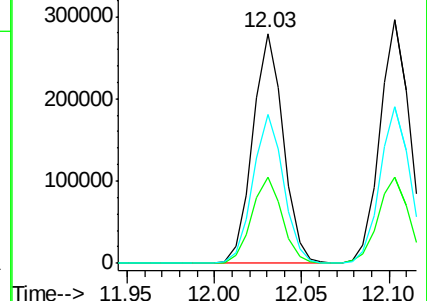
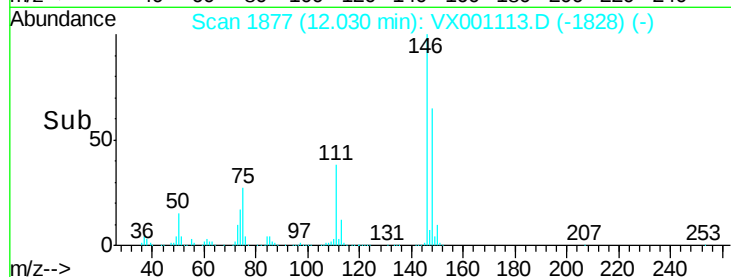
148 64.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.200 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

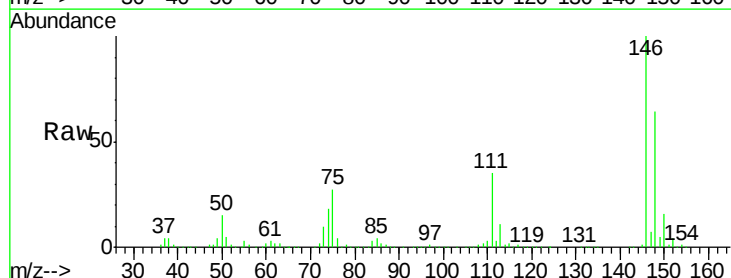
Tgt Ion:146 Resp: 349756

Ion Ratio Lower Upper

146 100

111 36.6 18.0 54.0

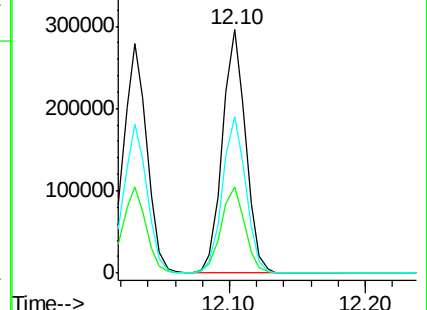
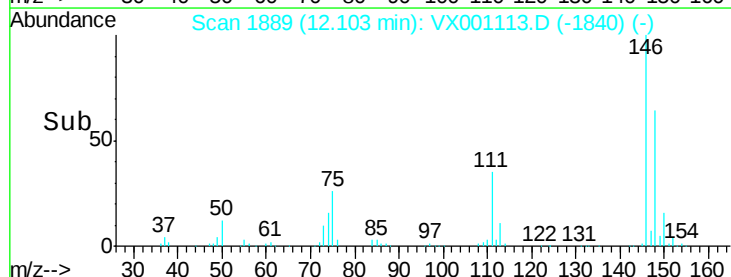
148 64.9 32.4 97.0

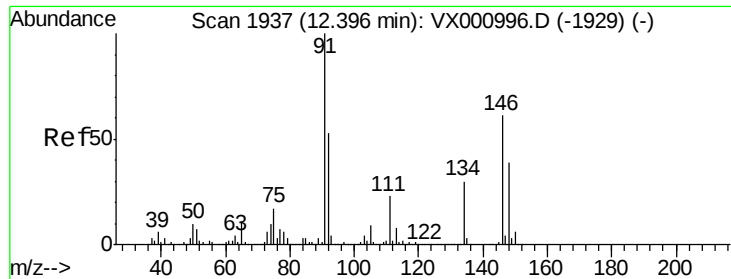


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.269 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

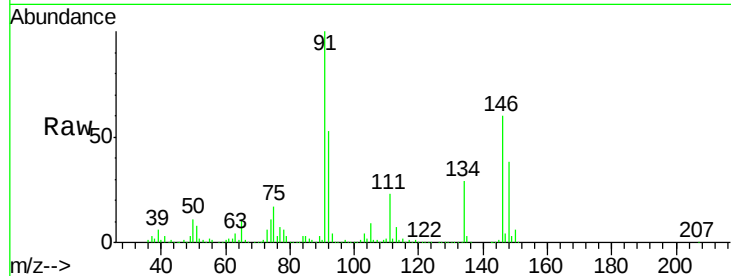
Tot Ion: 91 Resp: 562582

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

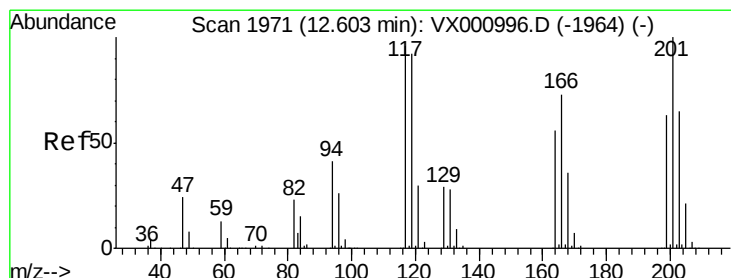
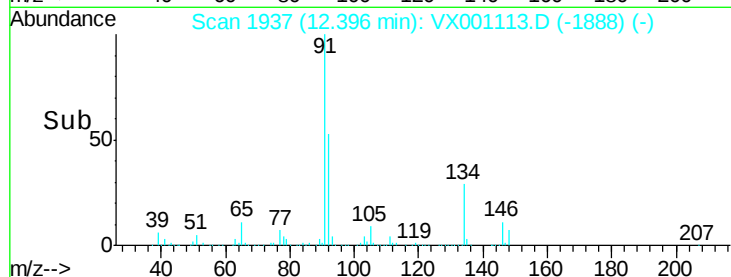
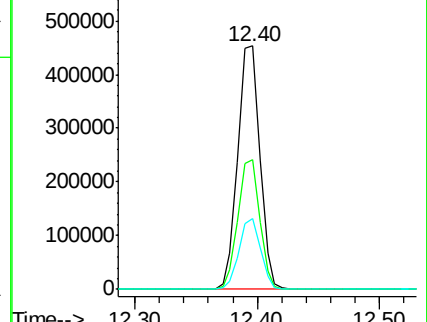
134 28.5 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX000996.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX000996.D (-1929) (-)



#90

Hexachloroethane

Concen: 50.373 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001113.D

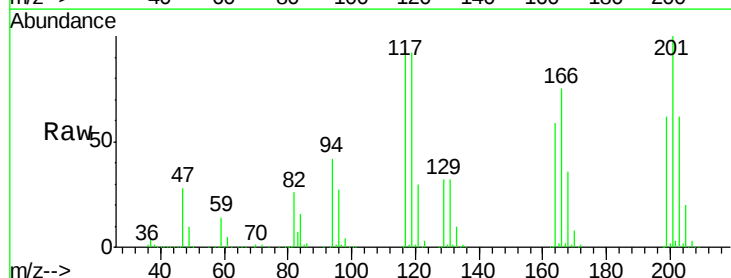
Acq: 25 Apr 2018 10:50

Tgt Ion: 117 Resp: 93502

Ion Ratio Lower Upper

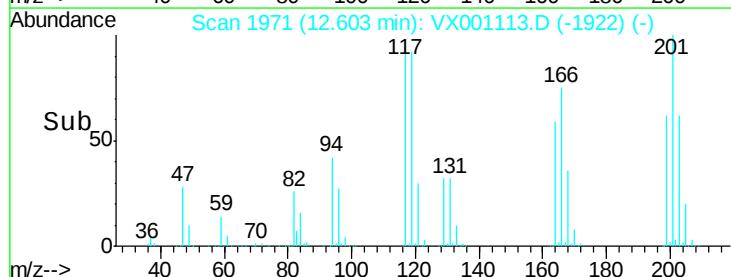
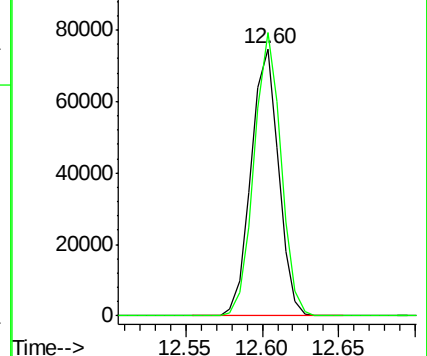
117 100

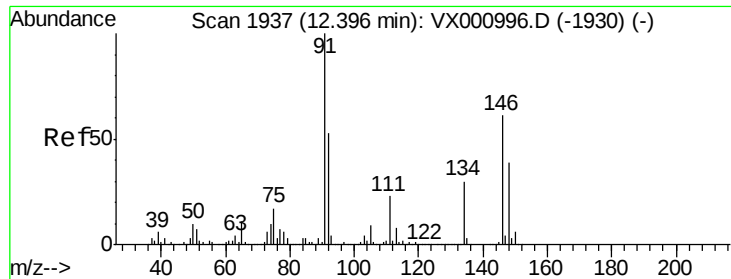
201 103.3 52.3 157.1



Abundance Ion 116.80 (116.50 to 117.50): VX000996.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000996.D (-1964) (-)





#91

1,2-Dichlorobenzene

Concen: 46.561 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

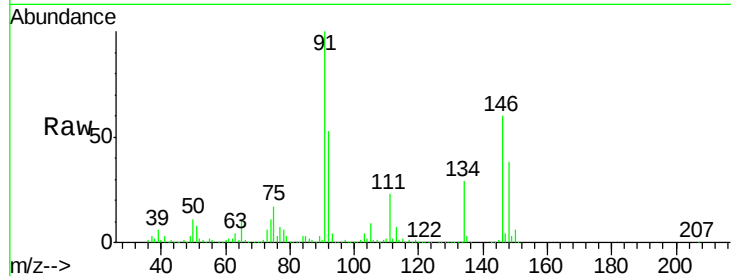
Tot Ion:146 Resp: 339811

Ion Ratio Lower Upper

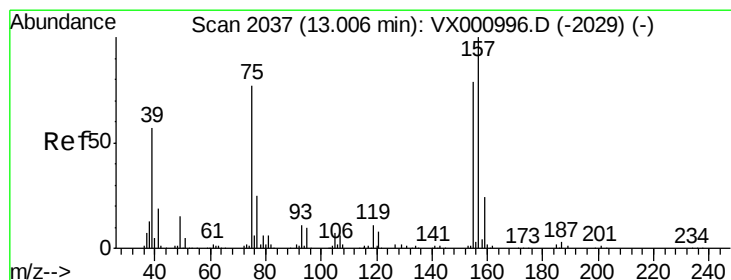
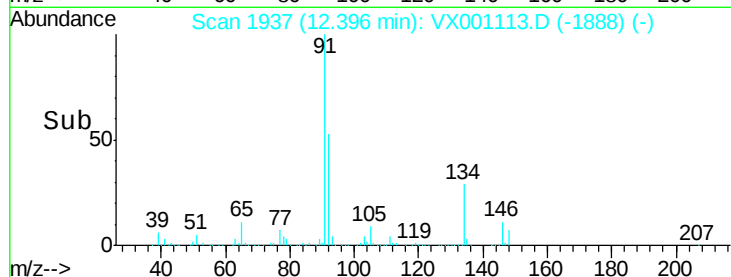
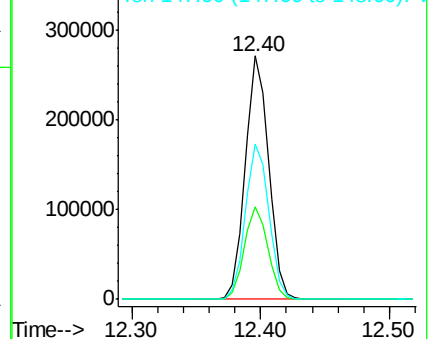
146 100

111 38.2 18.6 56.0

148 64.3 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.398 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

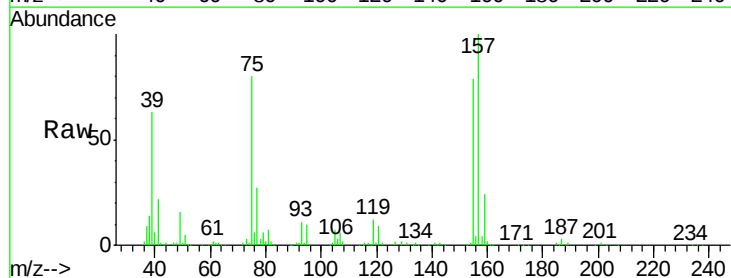
Tgt Ion: 75 Resp: 42286

Ion Ratio Lower Upper

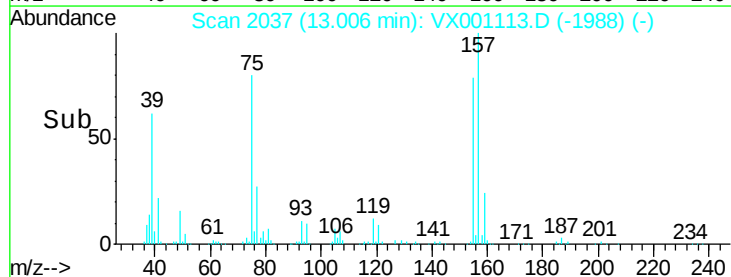
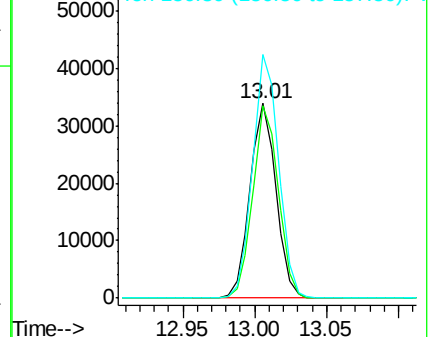
75 100

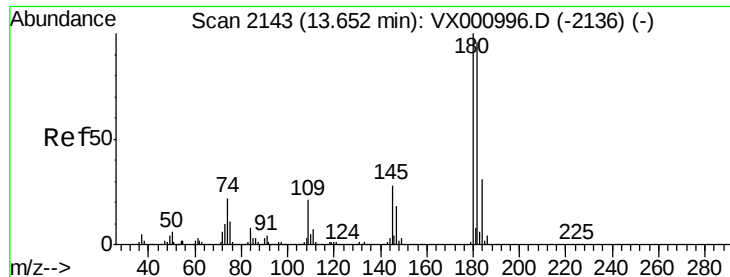
155 96.5 51.0 153.0

157 124.3 64.9 194.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

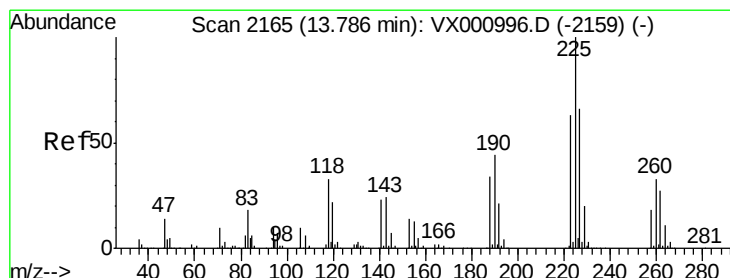
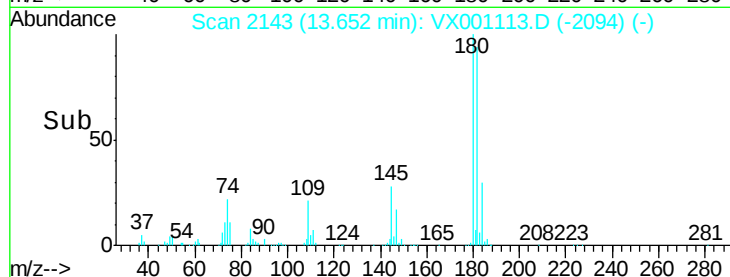
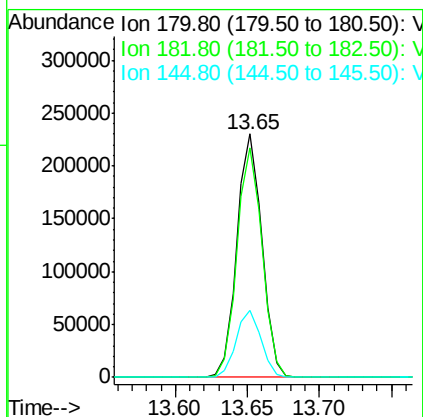
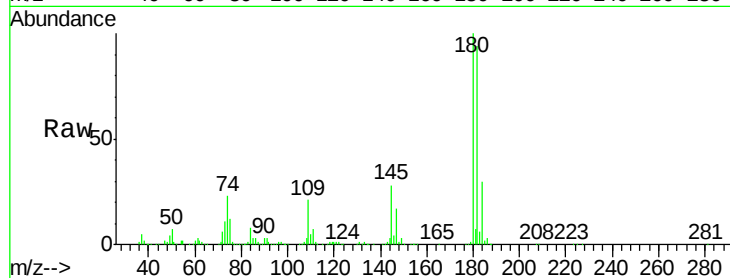




#93
 1,2,4-Trichlorobenzene
 Concen: 45.479 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001113.D
 Acq: 25 Apr 2018 10:50

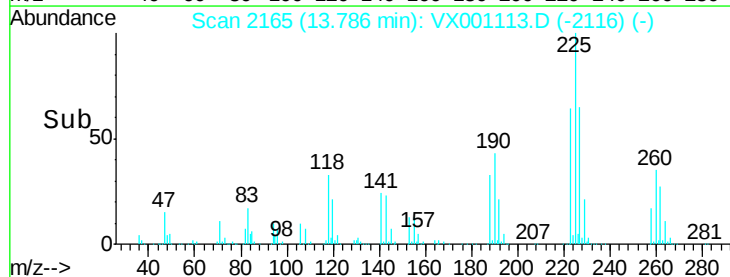
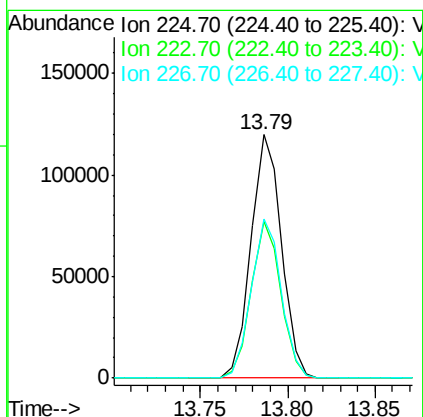
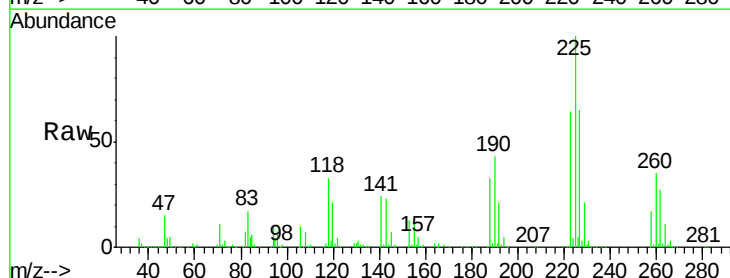
Instrument :
 MSVOA_X
 ClientSampleId :

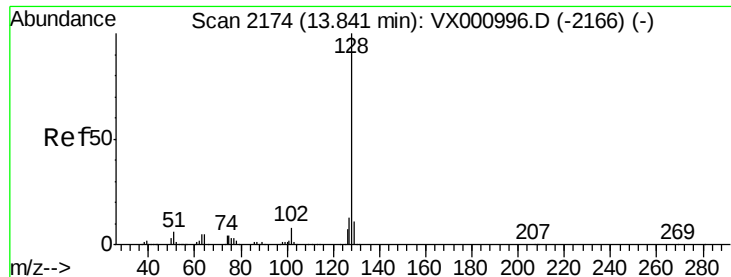
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.0
145	27.5	13.9	41.7



#94
 Hexachlorobutadiene
 Concen: 52.313 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001113.D
 Acq: 25 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.5	94.5
227	64.4	32.6	97.8





#95

Naphthalene

Concen: 47.881 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

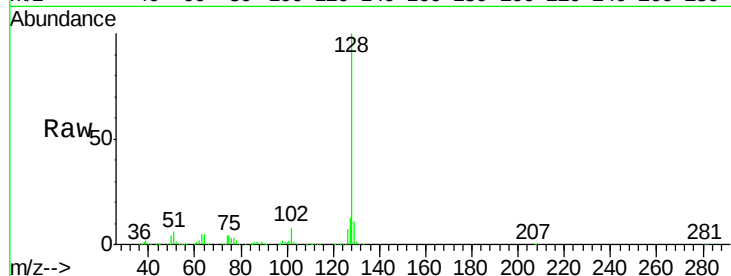
Tot Ion:128 Resp: 721446

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

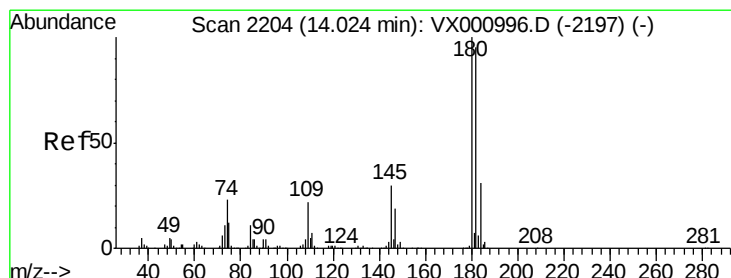
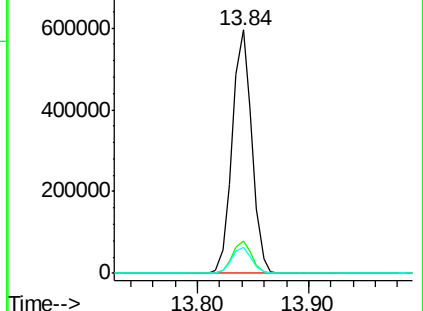
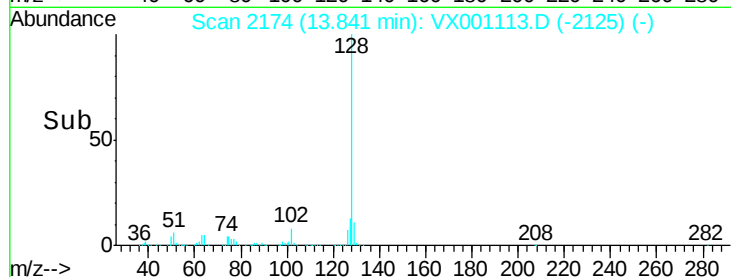
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.523 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001113.D

Acq: 25 Apr 2018 10:50

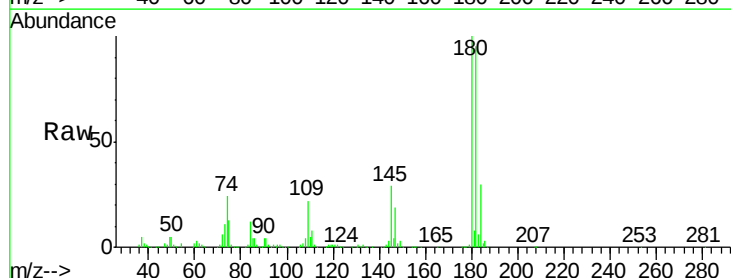
Tgt Ion:180 Resp: 275671

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 28.9 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

