

Data File : VX000999.D

Acq On : 19 Apr 2018 19:45

Operator : JC/MD

Sample : VSTDICV050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

Quant Time: Apr 20 05:12:27 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	256923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	146460	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
35) Dibromofluoromethane	5.51	113	123761	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
50) Toluene-d8	8.73	98	450452	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	11.14	95	185647	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	175696	55.14	ug/l	98
3) Chloromethane	1.32	50	156923	52.89	ug/l	99
4) Vinyl Chloride	1.41	62	157572	51.24	ug/l	99
5) Bromomethane	1.64	94	99012	57.01	ug/l	100
6) Chloroethane	1.73	64	90721	49.65	ug/l	99
7) Trichlorofluoromethane	1.93	101	227250	49.19	ug/l	100
8) Diethyl Ether	2.19	74	83906	49.17	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	131493	48.58	ug/l	99
10) Methyl Iodide	2.52	142	128112	48.27	ug/l	100
11) Tert butyl alcohol	3.07	59	125039	254.57	ug/l	99
12) 1,1-Dichloroethene	2.38	96	124127	49.59	ug/l	99
13) Acrolein	2.30	56	48752	315.60	ug/l	99
14) Allyl chloride	2.73	41	226232	49.94	ug/l	99
15) Acrylonitrile	3.15	53	330555	248.67	ug/l	99
16) Acetone	2.45	43	288470	235.22	ug/l	99
17) Carbon Disulfide	2.57	76	366588	51.38	ug/l	100
18) Methyl Acetate	2.78	43	200077	53.91	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	419034	49.79	ug/l	99
20) Methylene Chloride	2.86	84	133649	51.76	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	135816	48.74	ug/l	99
22) Diisopropyl ether	3.88	45	447698	51.05	ug/l	99
23) Vinyl Acetate	3.83	43	1852030	255.09	ug/l	100
24) 1,1-Dichloroethane	3.70	63	243029	49.41	ug/l	99
25) 2-Butanone	4.71	43	478395	249.89	ug/l	100
26) 2,2-Dichloropropane	4.59	77	210445	49.73	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	156181	50.31	ug/l	98
28) Bromochloromethane	5.03	49	100625	53.19	ug/l	100
29) Tetrahydrofuran	5.17	42	306367	253.24	ug/l	99
30) Chloroform	5.23	83	251585	49.38	ug/l	99
31) Cyclohexane	5.58	56	224315	48.86	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	232248	50.85	ug/l	99
36) 1,1-Dichloropropene	5.81	75	199474	48.90	ug/l	100
37) Ethyl Acetate	4.87	43	189685	50.70	ug/l	100
38) Carbon Tetrachloride	5.79	117	205391	49.73	ug/l	97

Data File : VX000999.D

Acq On : 19 Apr 2018 19:45

Operator : JC/MD

Sample : VSTDICV050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

Quant Time: Apr 20 05:12:27 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)
39) Methylcyclohexane	7.47	83	233240	49.13	ug/l	100
40) Benzene	6.15	78	557462	49.16	ug/l	99
41) Methacrylonitrile	5.07	41	111800	47.85	ug/l	99
42) 1,2-Dichloroethane	6.21	62	209301	48.08	ug/l	99
43) Isopropyl Acetate	6.47	43	325313	50.68	ug/l	100
44) Trichloroethene	7.22	130	169658	48.97	ug/l	99
45) 1,2-Dichloropropane	7.52	63	144359	50.63	ug/l	100
46) Dibromomethane	7.67	93	97739	49.06	ug/l	98
47) Bromodichloromethane	7.91	83	189859	51.44	ug/l	98
48) Methyl methacrylate	7.79	41	172608	49.94	ug/l	99
49) 1,4-Dioxane	7.76	88	51608	1015.34	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	991965	254.51	ug/l	99
52) Toluene	8.79	92	369044	49.86	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	231490	52.44	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	223818	53.77	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	146427	49.77	ug/l	99
56) Ethyl methacrylate	9.19	69	223300	51.68	ug/l	99
57) 1,3-Dichloropropane	9.38	76	237433	48.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	539407	255.78	ug/l	100
59) 2-Hexanone	9.51	43	749830	251.34	ug/l	100
60) Dibromochloromethane	9.59	129	164522	53.25	ug/l	100
61) 1,2-Dibromoethane	9.68	107	156863	50.52	ug/l	100
64) Tetrachloroethene	9.34	164	168753	48.51	ug/l	98
65) Chlorobenzene	10.15	112	432184	49.54	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	157678	52.66	ug/l	99
67) Ethyl Benzene	10.26	91	725008	50.05	ug/l	99
68) m/p-Xylenes	10.37	106	570227	99.88	ug/l	100
69) o-Xylene	10.71	106	273001	49.60	ug/l	98
70) Styrene	10.72	104	462237	50.99	ug/l	99
71) Bromoform	10.87	173	137218	49.27	ug/l	99
73) Isopropylbenzene	11.02	105	746009	50.03	ug/l	99
74) N-amyl acetate	6.47	43	325313	51.00	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	217487	51.53	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	250531	63.32	ug/l	87
77) Bromobenzene	11.26	156	214829	49.64	ug/l	100
78) n-propylbenzene	11.37	91	848668	49.58	ug/l	100
79) 2-Chlorotoluene	11.43	91	498722	49.31	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	633676	50.14	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	62469	48.55	ug/l	96
82) 4-Chlorotoluene	11.52	91	600844	49.16	ug/l	100
83) tert-Butylbenzene	11.77	119	648221	50.84	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	654360	50.31	ug/l	100
85) sec-Butylbenzene	11.95	105	753278	49.49	ug/l	99
86) p-Isopropyltoluene	12.07	119	704756	50.06	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	398411	49.17	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	403500	48.52	ug/l	100
89) n-Butylbenzene	12.40	91	621529	49.62	ug/l	99
90) Hexachloroethane	12.60	117	108088	54.18	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	387217	49.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48171	54.48	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041918\
Quantitation Report (Not Reviewed)

Data File : VX000999.D
Acq On : 19 Apr 2018 19:45
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

Quant Time: Apr 20 05:12:27 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

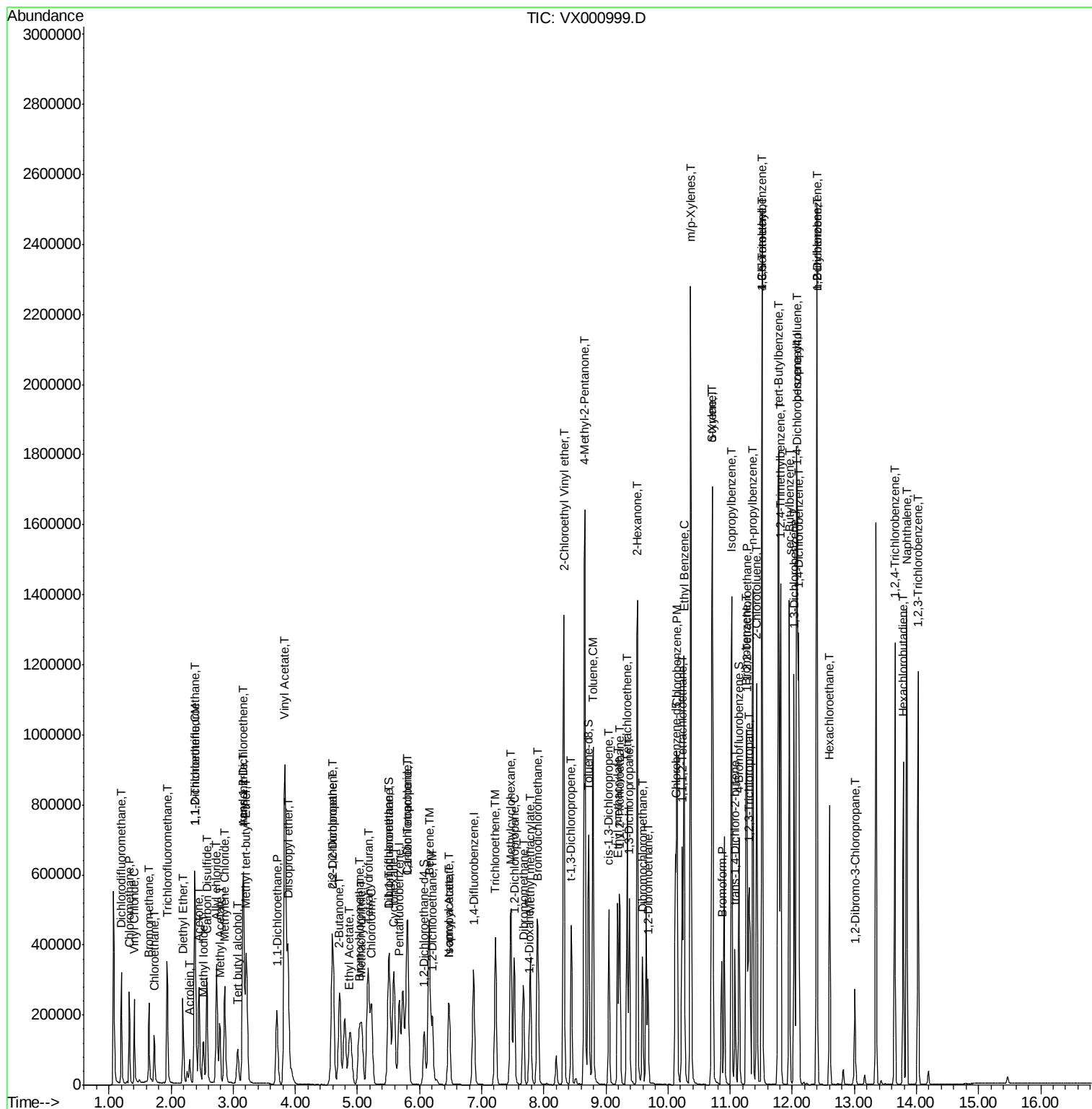
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	326491	49.59	ug/l	100
94) Hexachlorobutadiene	13.79	225	150156	50.40	ug/l	100
95) Naphthalene	13.84	128	845520	52.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	315671	49.57	ug/l	99

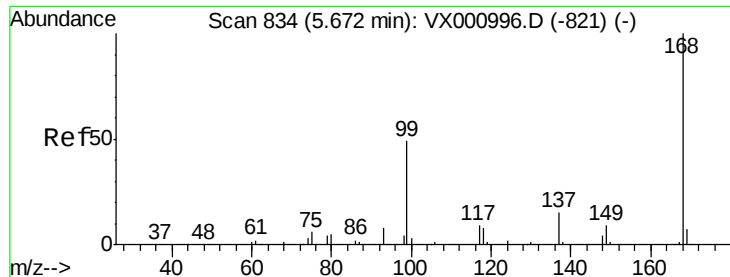
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
ALS Vial      : 8      Sample Multiplier: 1
```

ICVVX041918

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

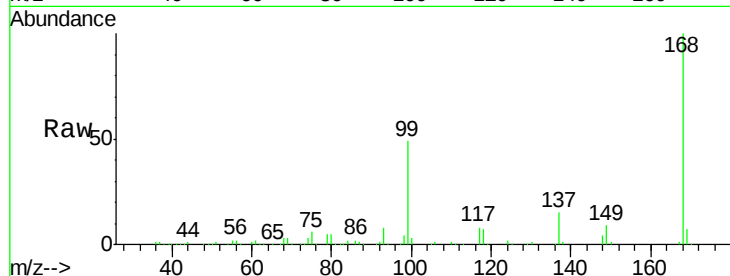
ICVVX041918

Tgt Ion:168 Resp: 256923

Ion Ratio Lower Upper

168 100

99 48.6 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

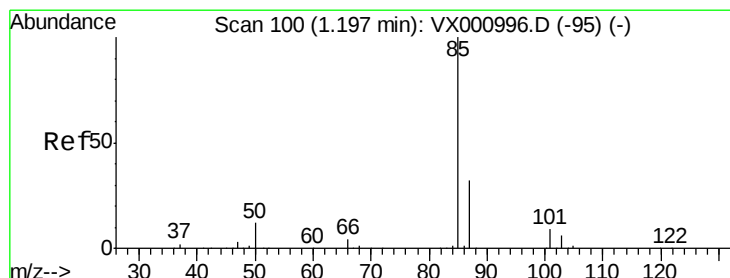
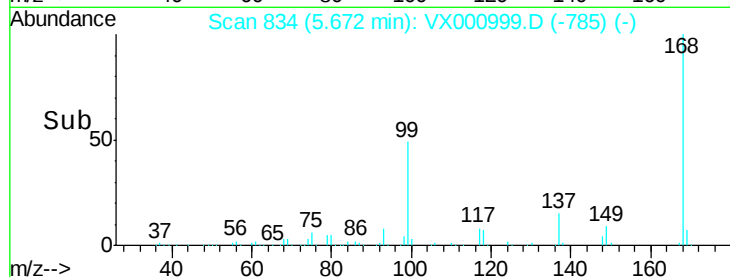
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 55.14 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000999.D

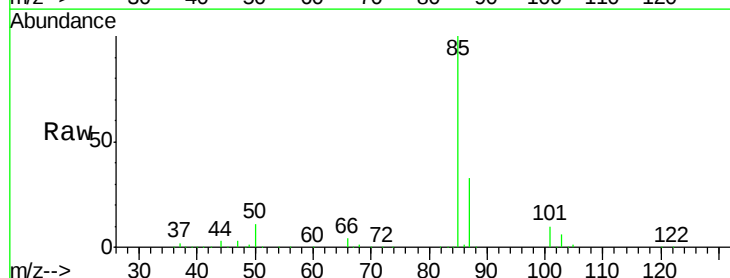
Acq: 19 Apr 2018 19:45

Tgt Ion: 85 Resp: 175696

Ion Ratio Lower Upper

85 100

87 32.6 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

200000

150000

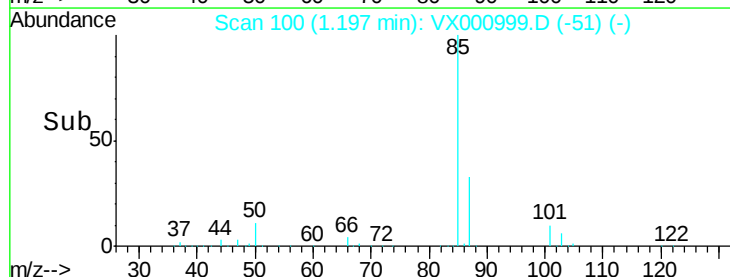
100000

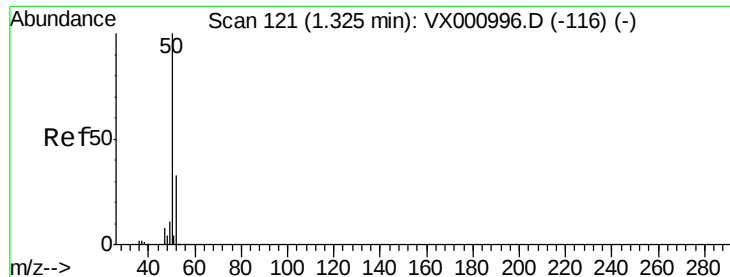
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 52.89 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

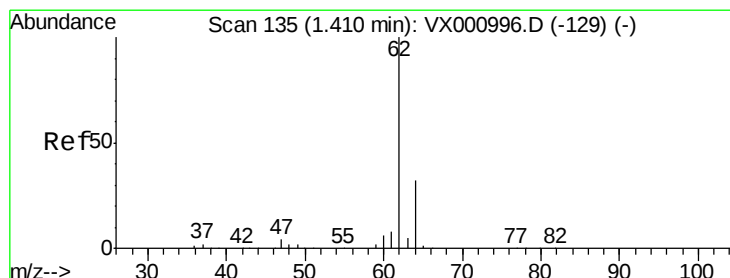
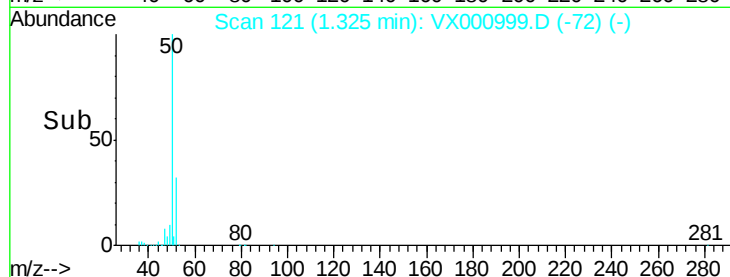
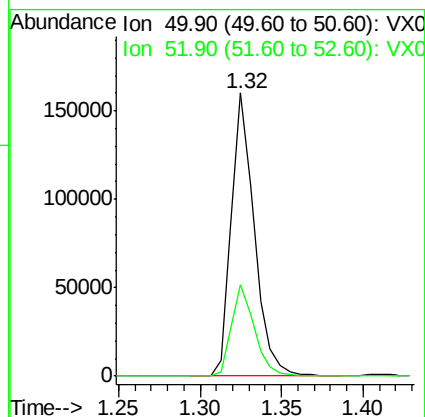
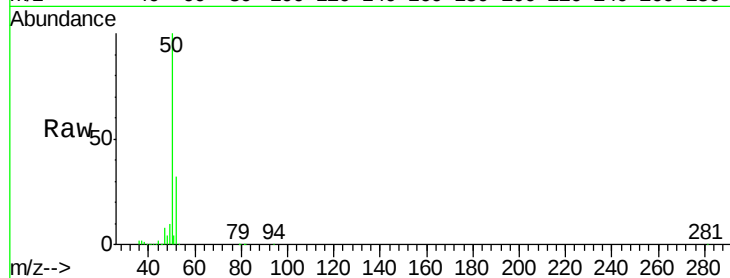
ICVVX041918

Tgt Ion: 50 Resp: 156923

Ion Ratio Lower Upper

50 100

52 32.3 26.3 39.5



#4

Vinyl Chloride

Concen: 51.24 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000999.D

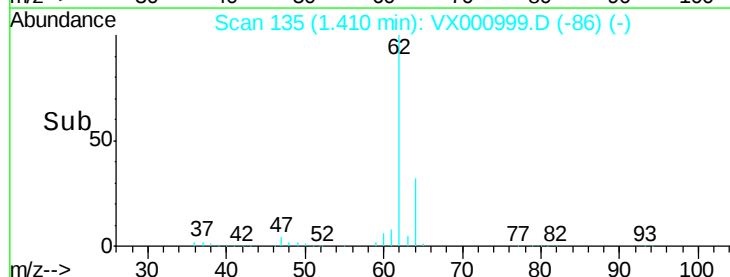
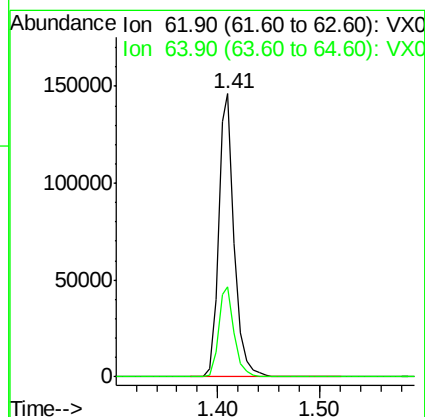
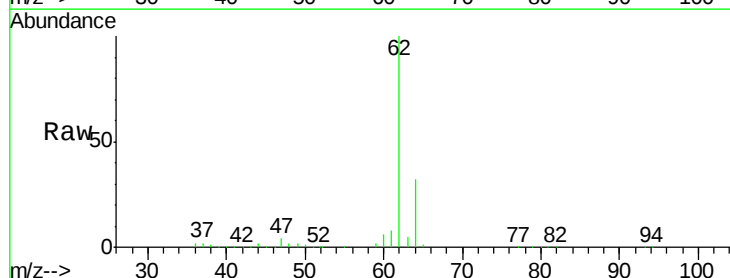
Acq: 19 Apr 2018 19:45

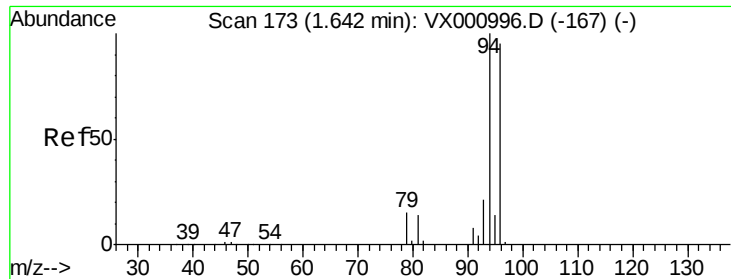
Tgt Ion: 62 Resp: 157572

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 57.01 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

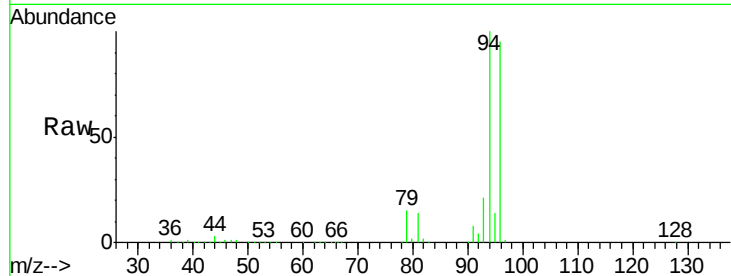
ICVVX041918

Tgt Ion: 94 Resp: 99012

Ion Ratio Lower Upper

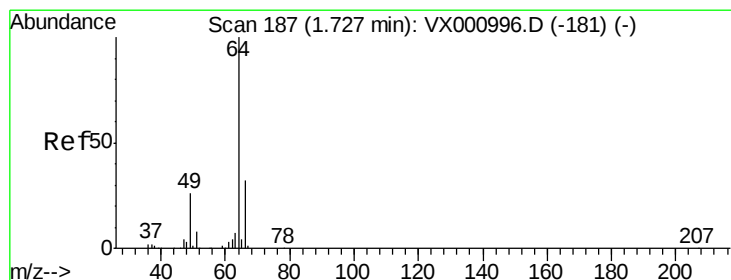
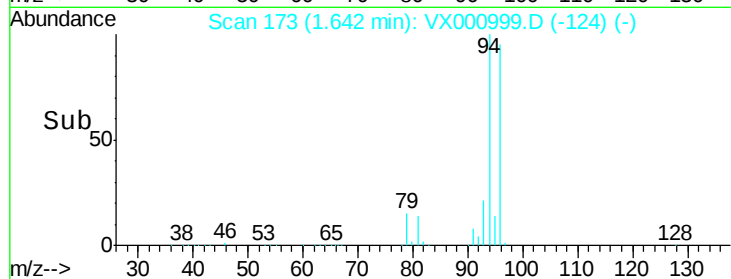
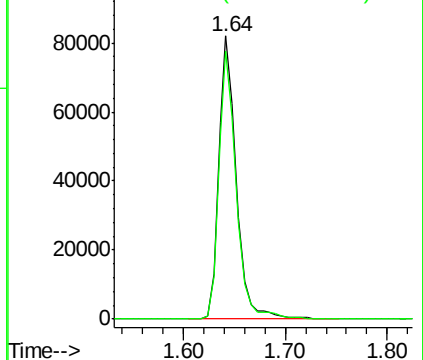
94 100

96 94.5 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: 49.65 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000999.D

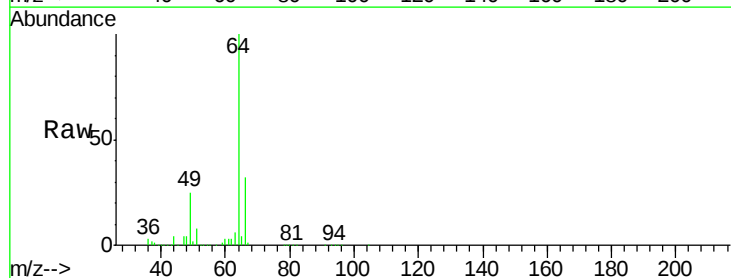
Acq: 19 Apr 2018 19:45

Tgt Ion: 64 Resp: 90721

Ion Ratio Lower Upper

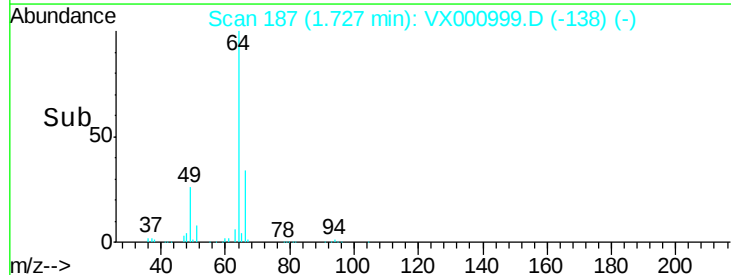
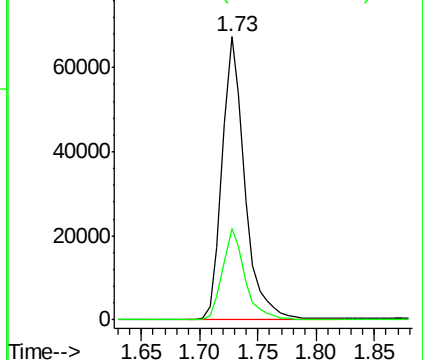
64 100

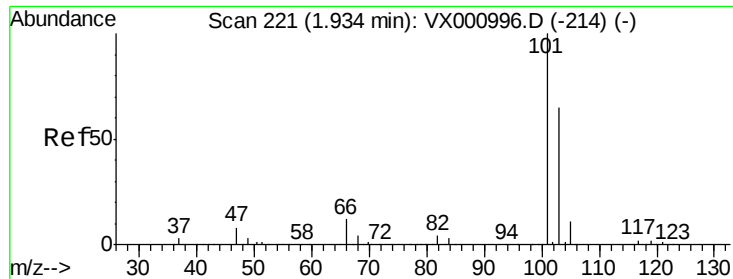
66 32.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



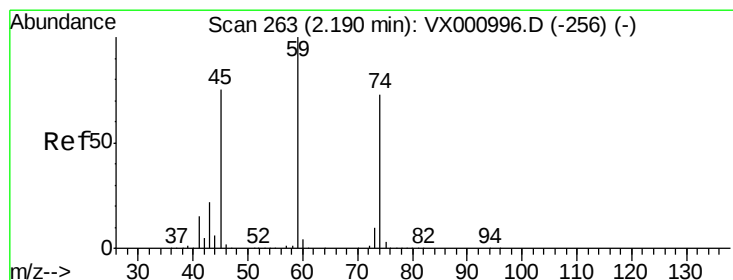
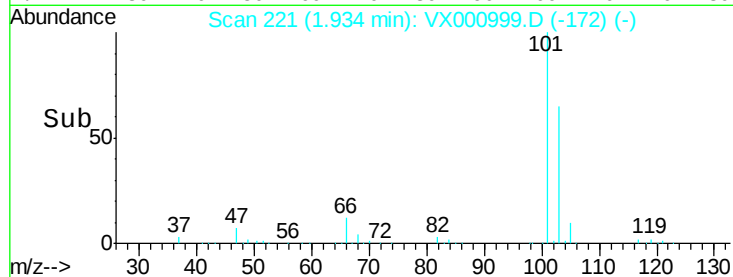
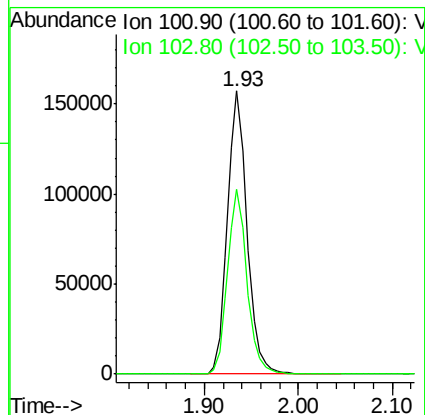
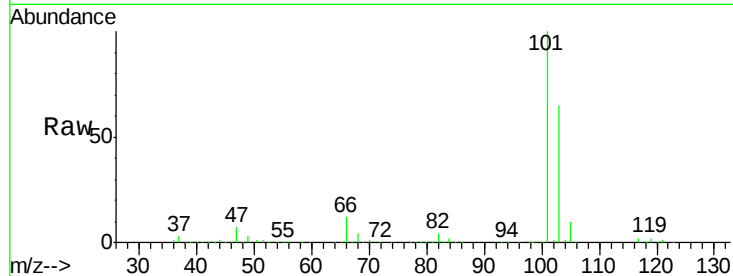


#7

Trichlorofluoromethane
Concen: 49.19 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

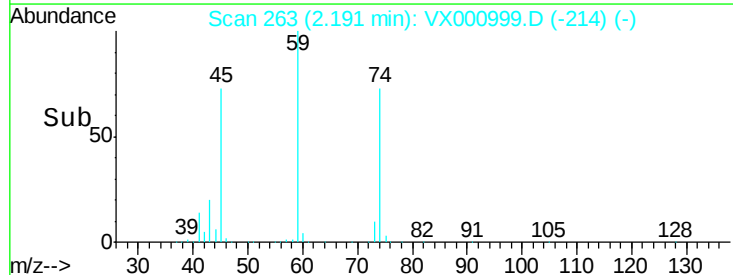
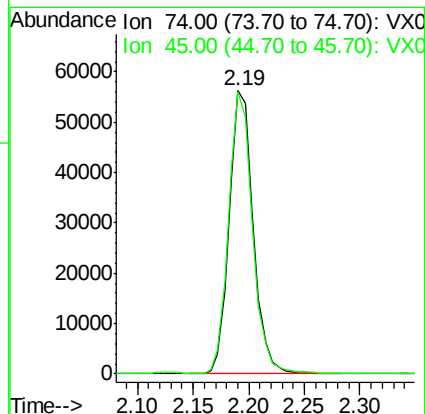
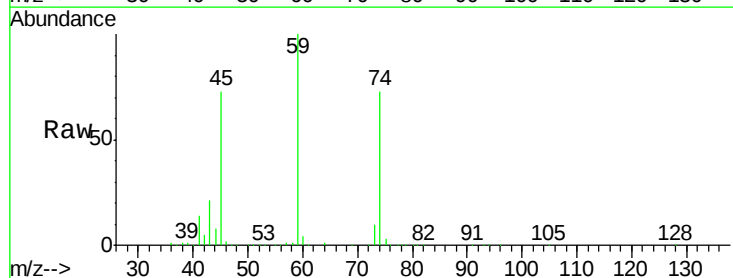
Tgt Ion: 101 Resp: 227250
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

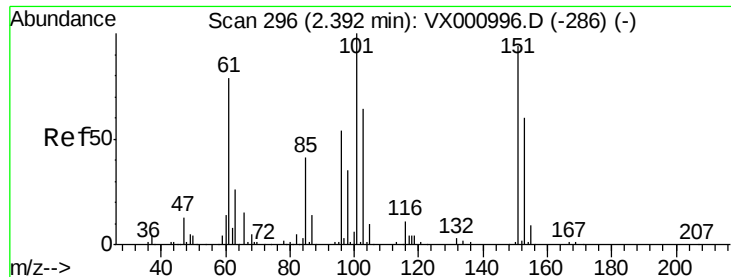


#8

Diethyl Ether
Concen: 49.17 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Tgt Ion: 74 Resp: 83906
Ion Ratio Lower Upper
74 100
45 98.8 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.58 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041918

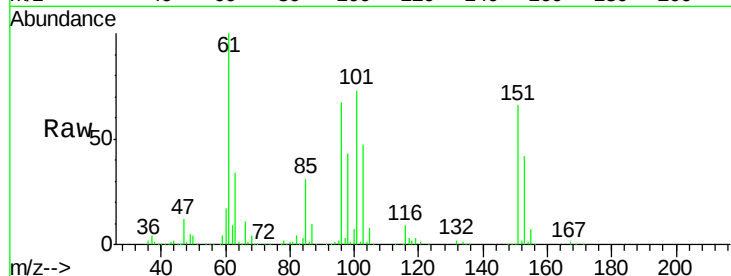
Tgt Ion:101 Resp: 131493

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

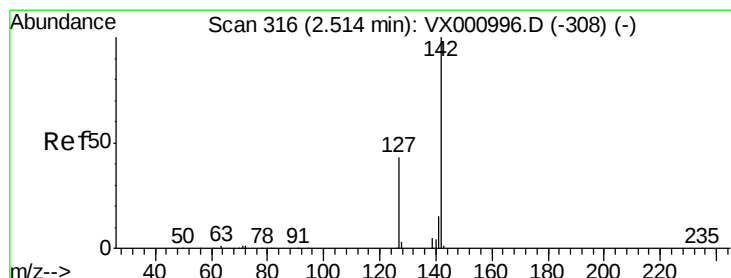
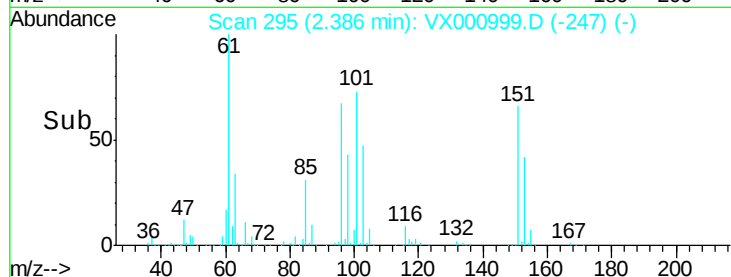
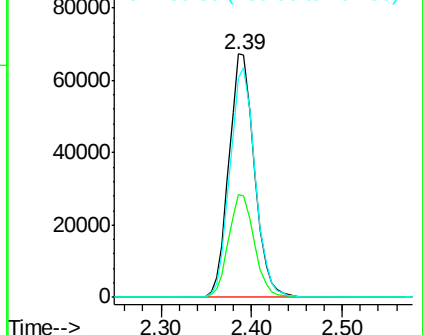
151 93.4 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.27 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

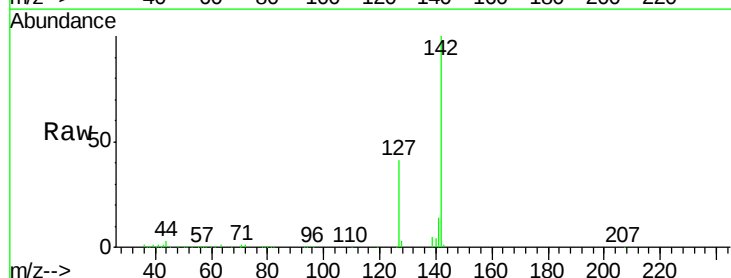
Tgt Ion:142 Resp: 128112

Ion Ratio Lower Upper

142 100

127 42.4 34.0 51.0

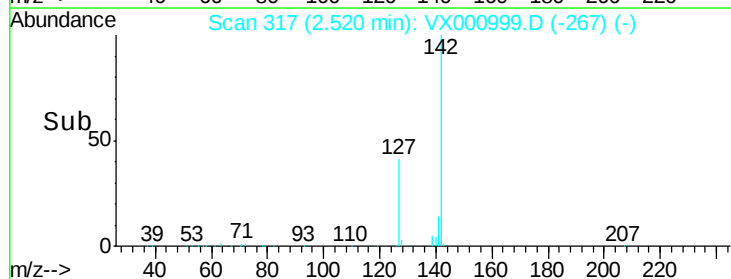
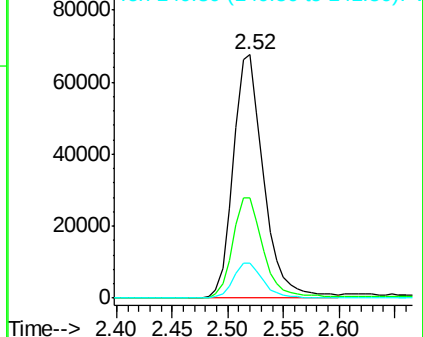
141 14.3 11.4 17.2

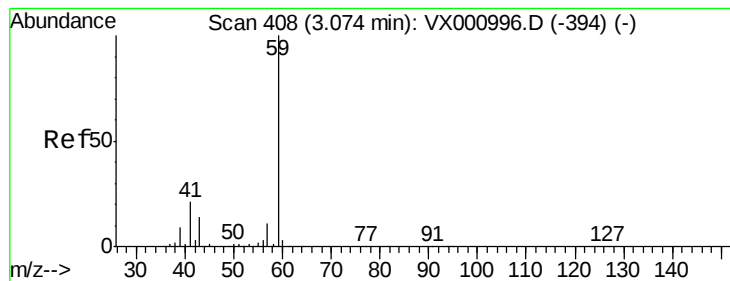


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



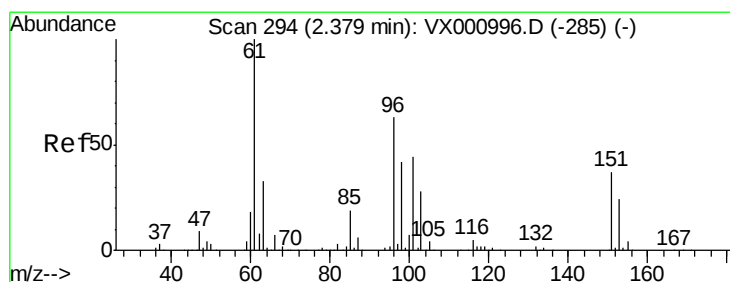
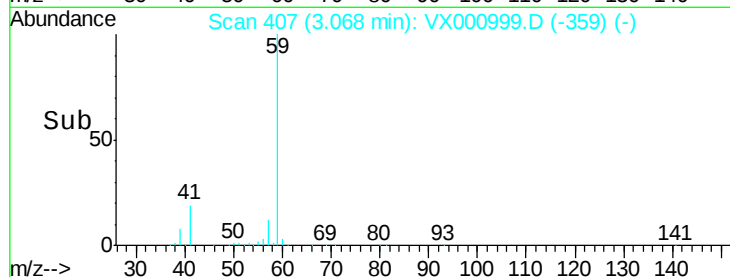
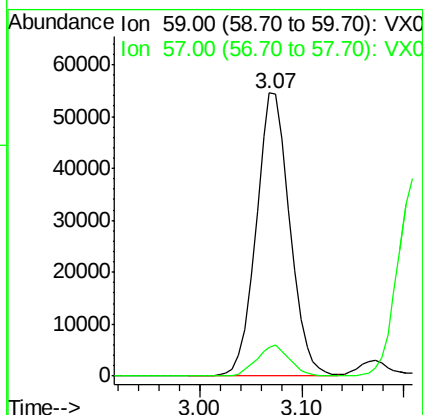
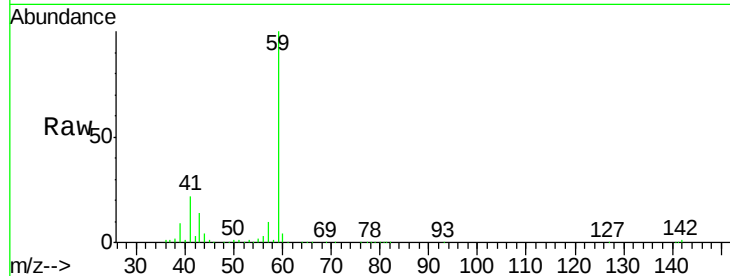


#11

Tert butyl alcohol
 Concen: 254.57 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041918

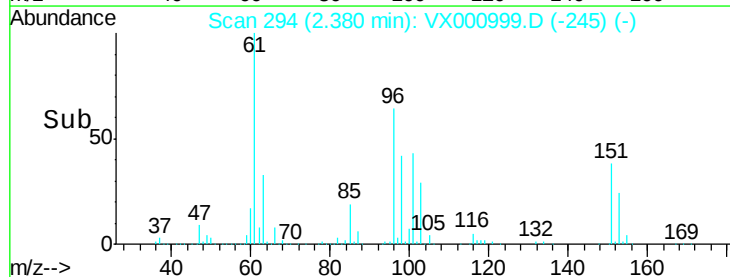
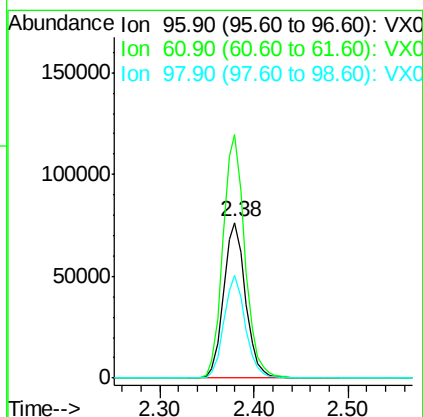
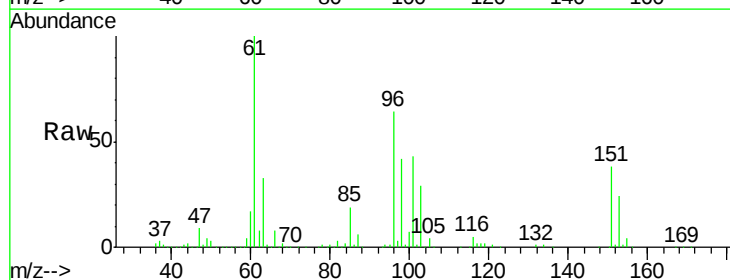
Tgt Ion: 59 Resp: 125039
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.3 12.5

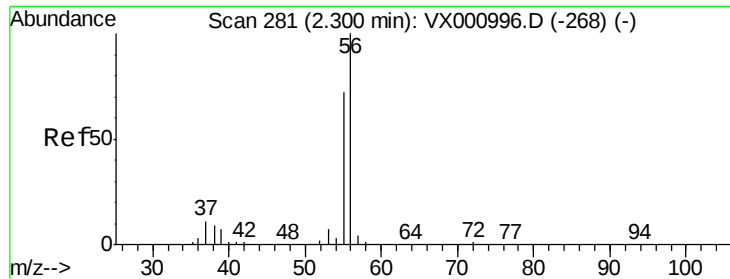


#12

1,1-Dichloroethene
 Concen: 49.59 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

Tgt Ion: 96 Resp: 124127
 Ion Ratio Lower Upper
 96 100
 61 156.2 126.4 189.6
 98 65.7 52.6 78.8





#13

Acrolein

Concen: 315.60 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

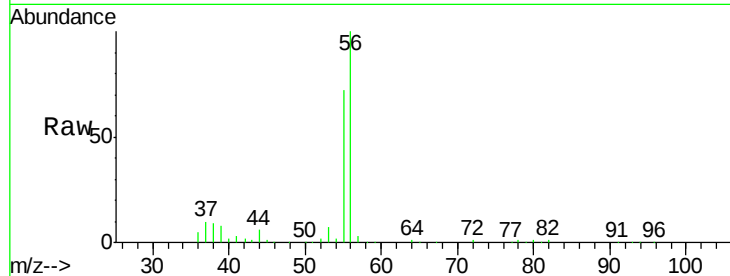
ICVVX041918

Tgt Ion: 56 Resp: 48752

Ion Ratio Lower Upper

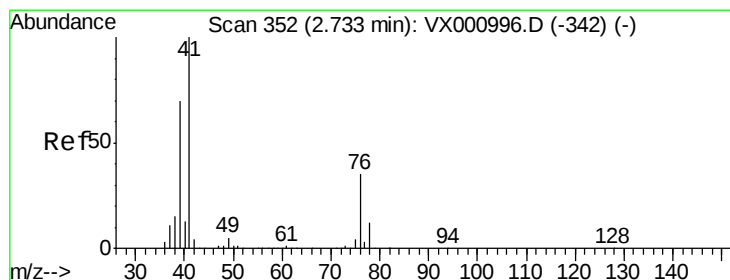
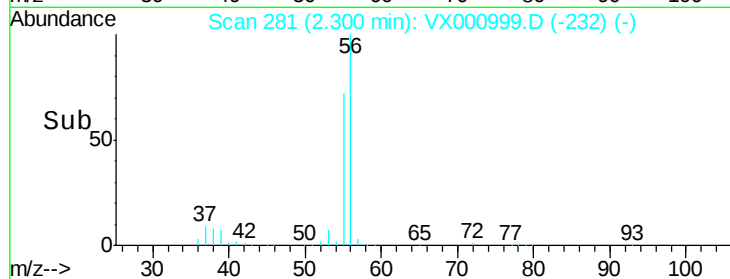
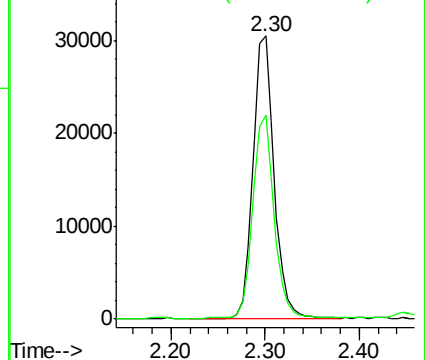
56 100

55 72.4 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.94 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

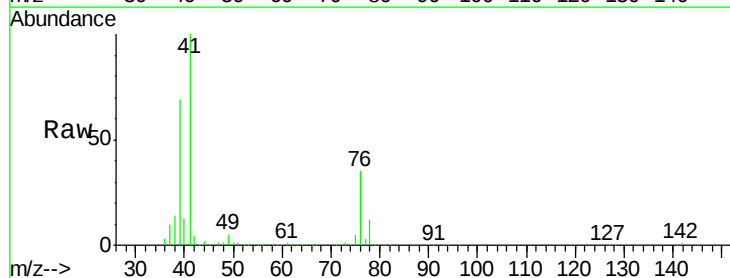
Tgt Ion: 41 Resp: 226232

Ion Ratio Lower Upper

41 100

39 64.7 53.0 79.6

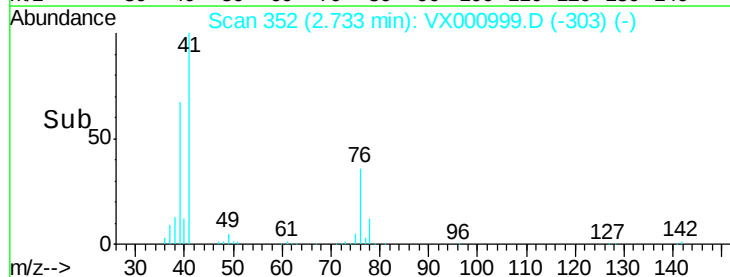
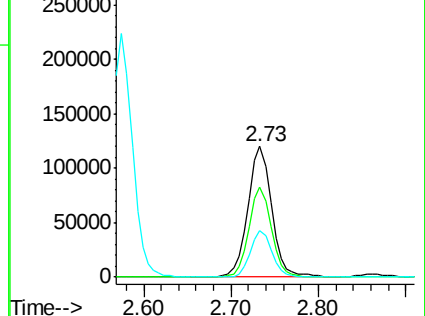
76 32.6 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 248.67 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041918

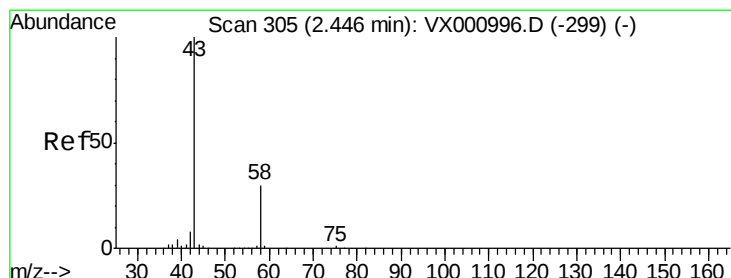
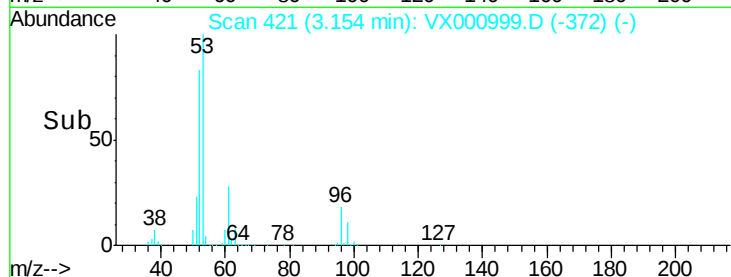
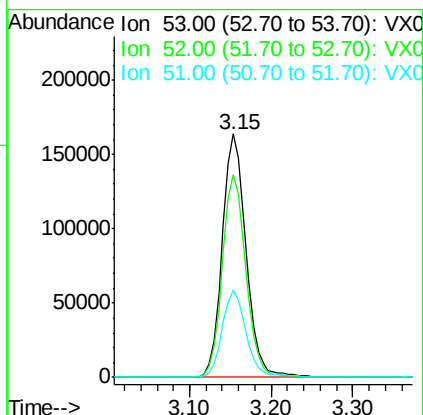
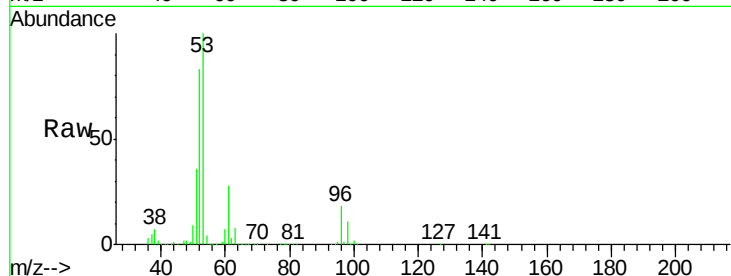
Tgt Ion: 53 Resp: 330555

Ion Ratio Lower Upper

53 100

52 82.6 66.4 99.6

51 36.0 29.0 43.6



#16

Acetone

Concen: 235.22 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX000999.D

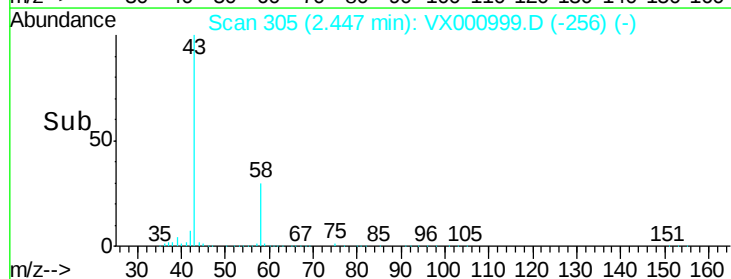
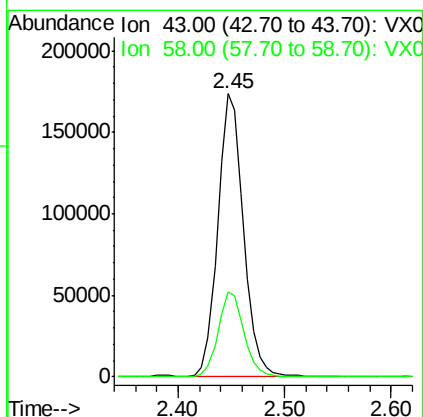
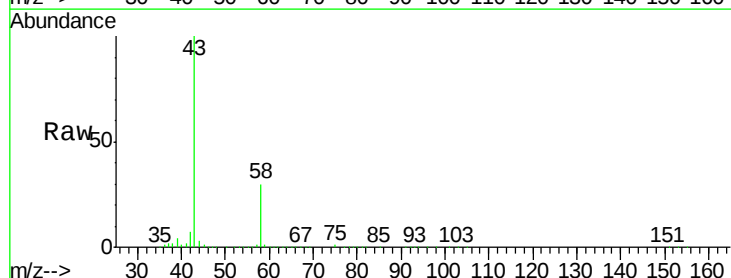
Acq: 19 Apr 2018 19:45

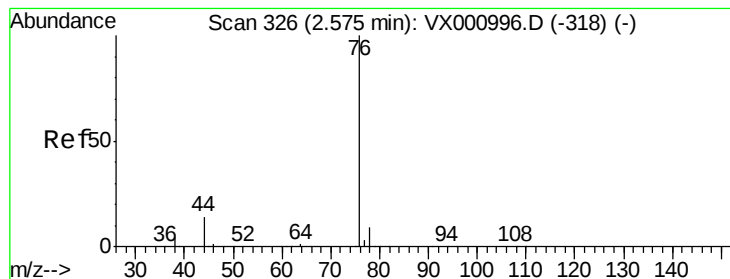
Tgt Ion: 43 Resp: 288470

Ion Ratio Lower Upper

43 100

58 30.0 23.7 35.5





#17

Carbon Disulfide

Concen: 51.38 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

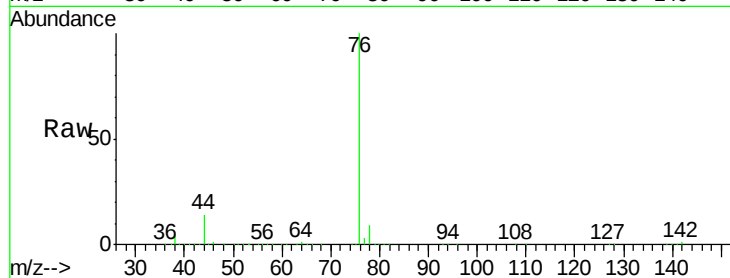
ICVVX041918

Tgt Ion: 76 Resp: 366588

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

150000

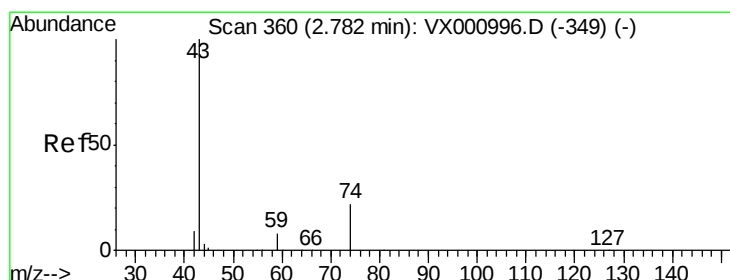
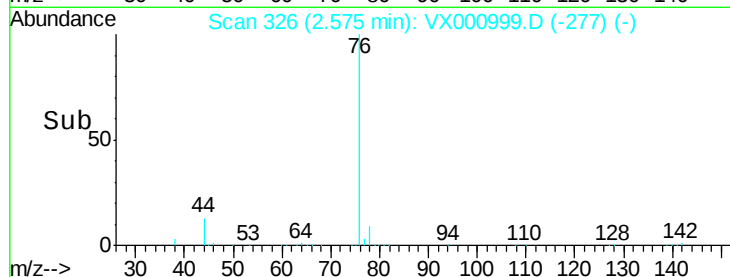
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 53.91 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000999.D

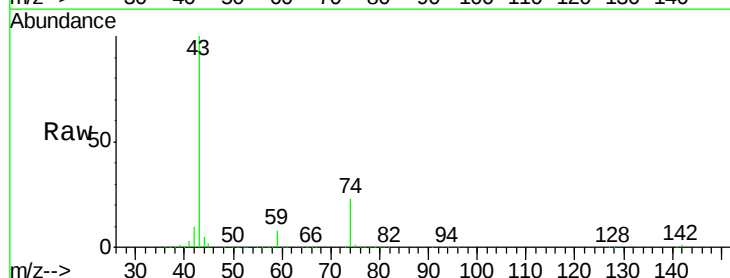
Acq: 19 Apr 2018 19:45

Tgt Ion: 43 Resp: 200077

Ion Ratio Lower Upper

43 100

74 22.4 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

60000

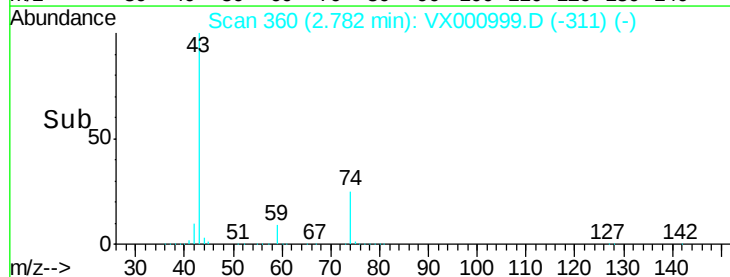
40000

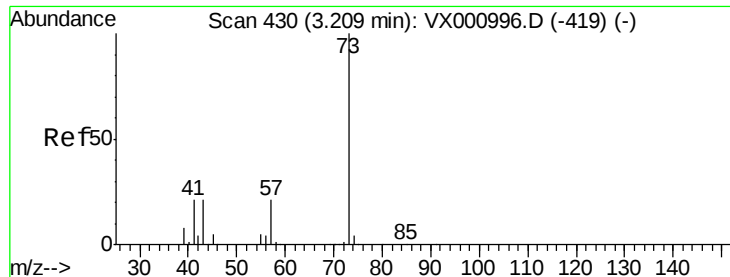
20000

0

Time-->

2.65 2.70 2.75 2.80 2.85

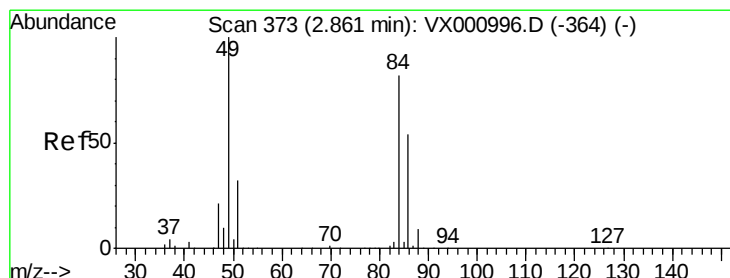
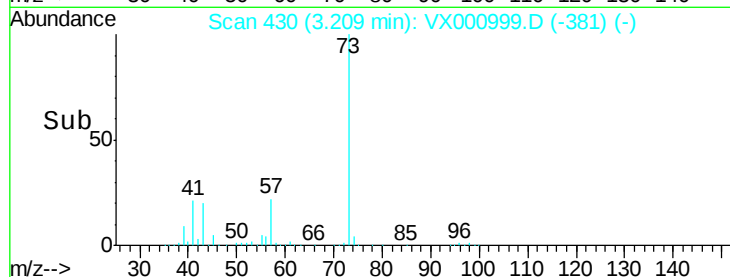
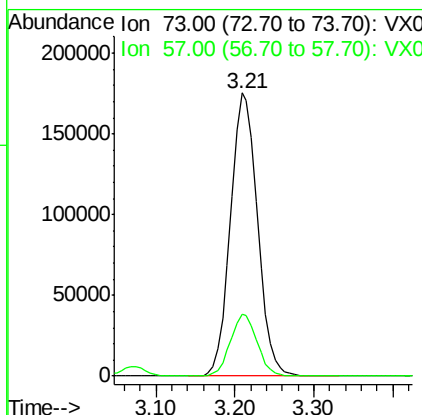
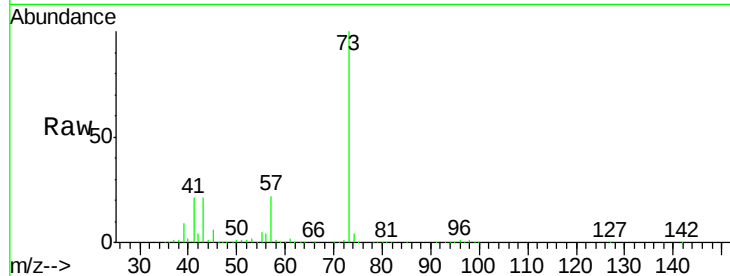




#19
Methyl tert-butyl Ether
Concen: 49.79 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

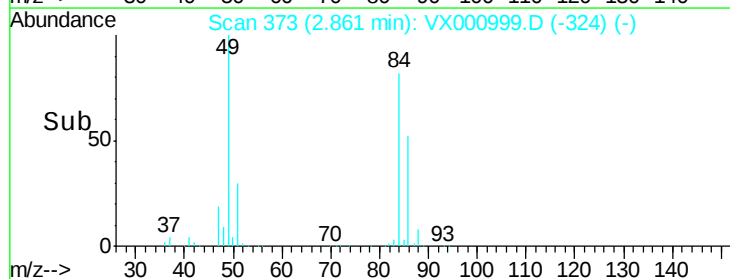
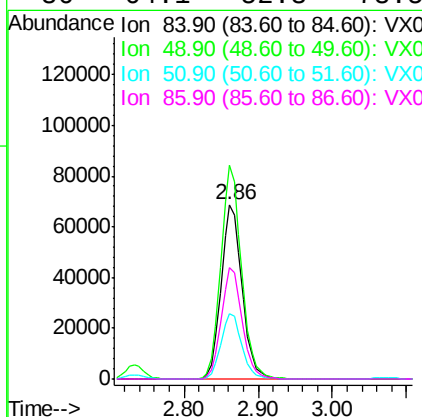
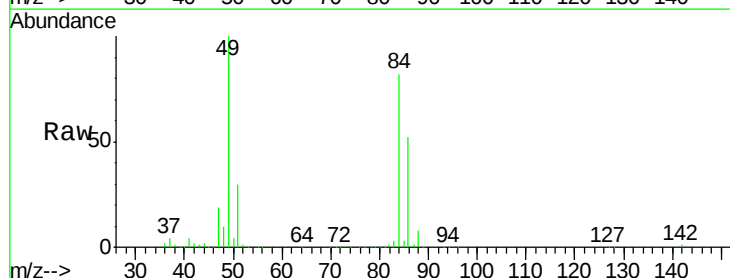
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

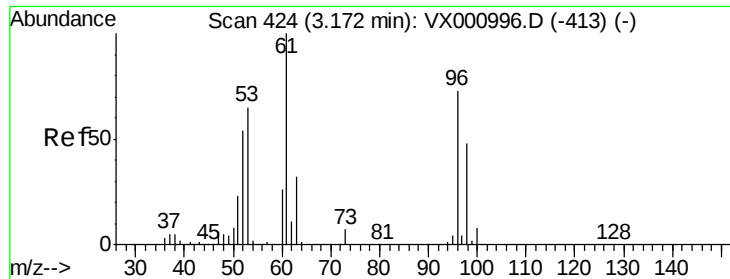
Tgt Ion: 73 Resp: 419034
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#20
Methylene Chloride
Concen: 51.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Tgt Ion: 84 Resp: 133649
Ion Ratio Lower Upper
84 100
49 122.4 97.1 145.7
51 37.2 30.8 46.2
86 64.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.74 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041918

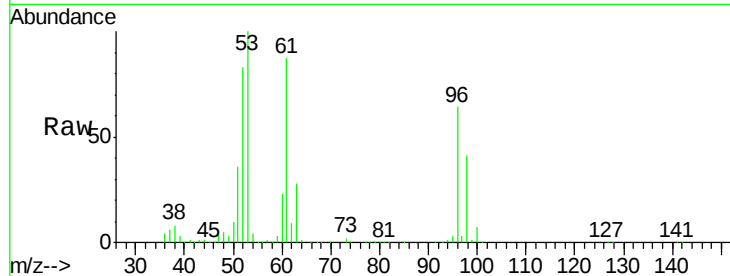
Tgt Ion: 96 Resp: 135816

Ion Ratio Lower Upper

96 100

61 135.8 109.4 164.2

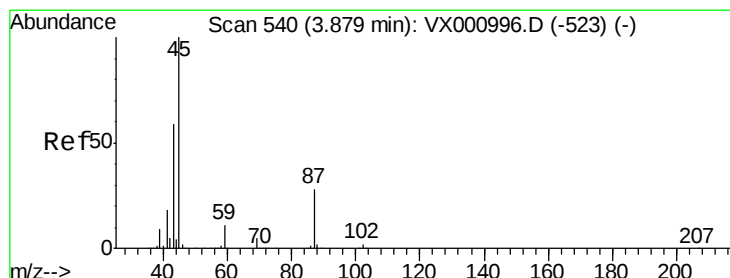
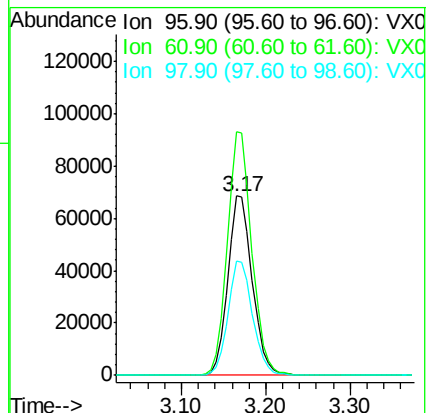
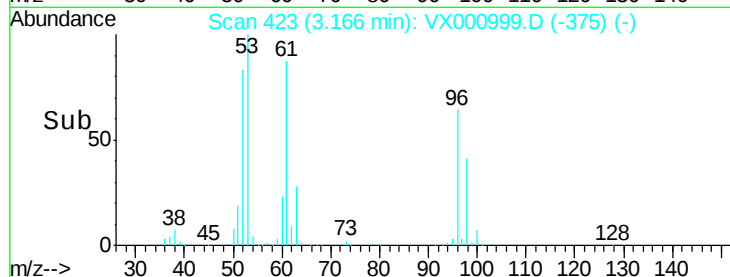
98 63.9 52.6 78.8



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: 51.05 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Tgt Ion: 45 Resp: 447698

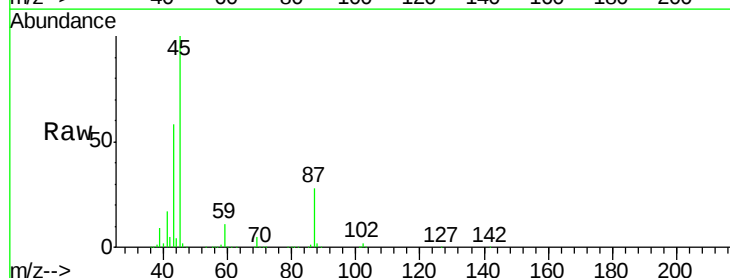
Ion Ratio Lower Upper

45 100

43 57.5 47.0 70.4

87 27.8 22.5 33.7

59 11.3 8.8 13.2

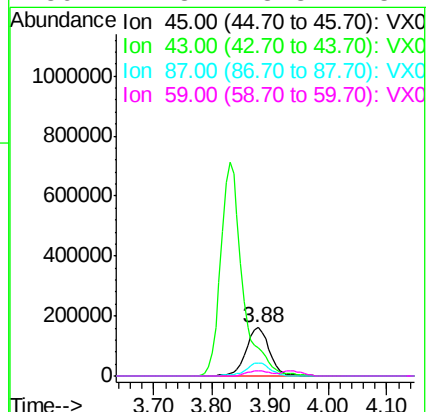
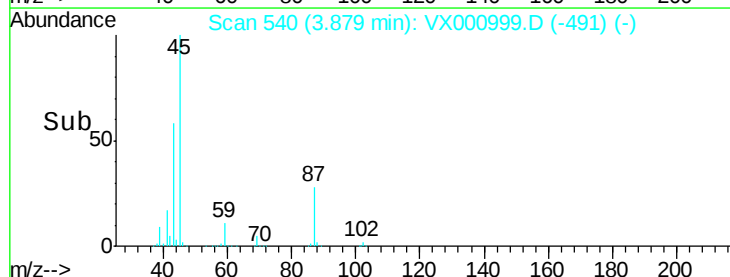


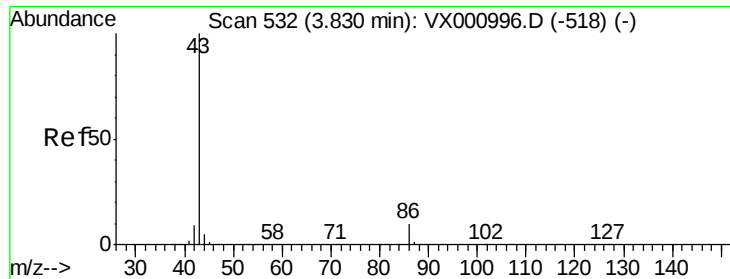
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 255.09 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

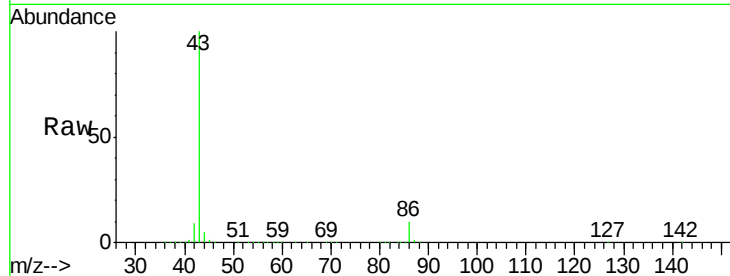
ICVVX041918

Tgt Ion: 43 Resp: 1852030

Ion Ratio Lower Upper

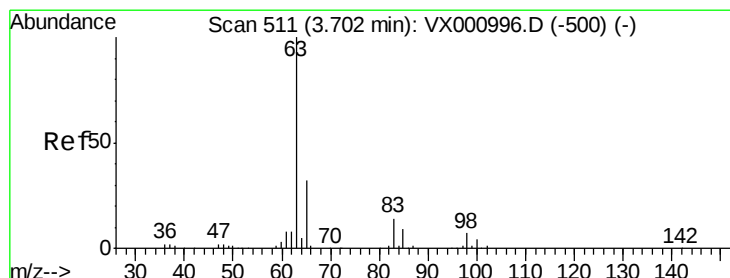
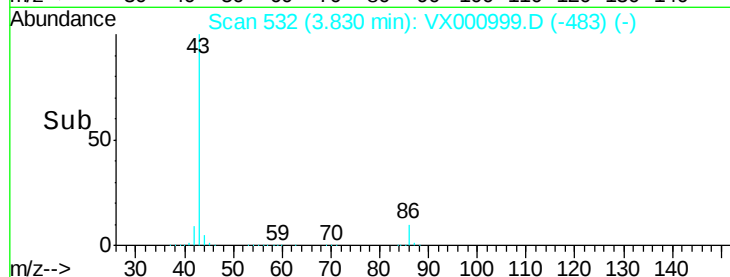
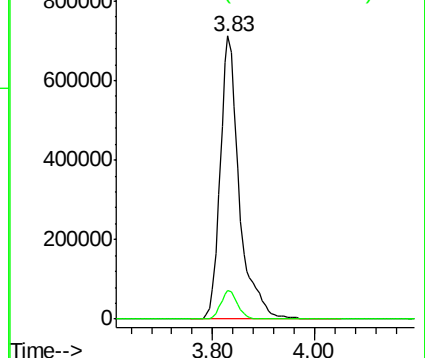
43 100

86 10.1 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.41 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

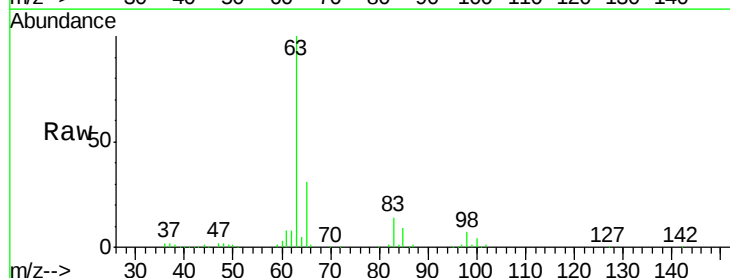
Tgt Ion: 63 Resp: 243029

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

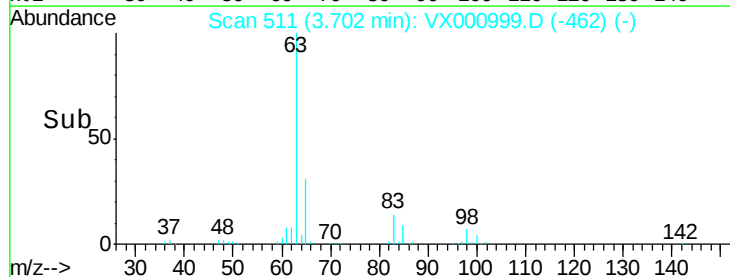
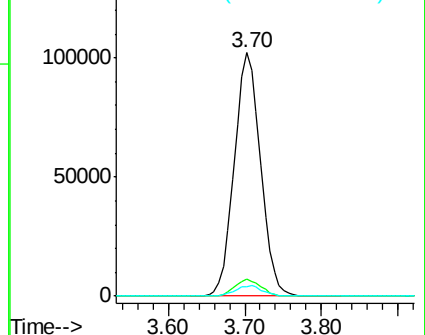
100 4.1 2.1 6.3

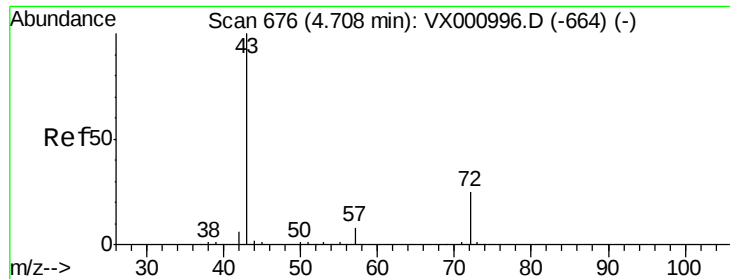


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.89 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

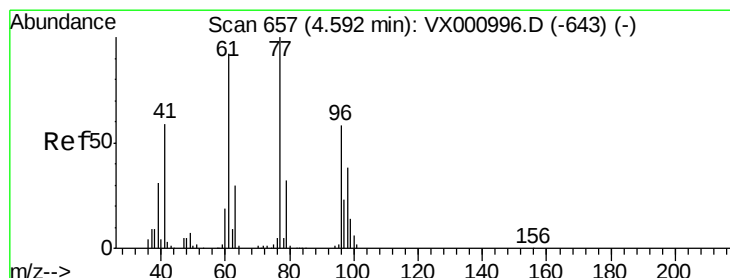
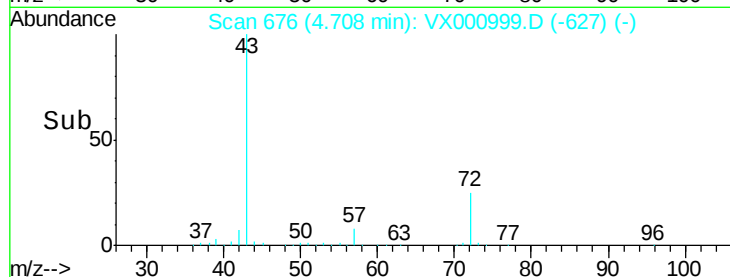
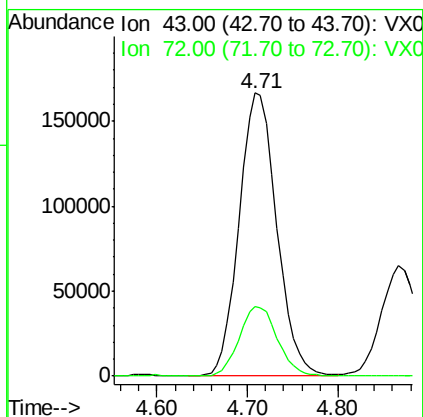
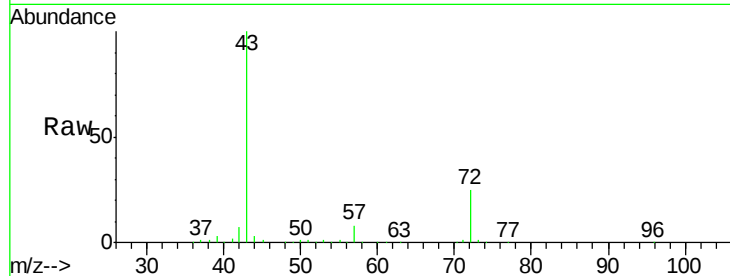
ICVVX041918

Tgt Ion: 43 Resp: 478395

Ion Ratio Lower Upper

43 100

72 24.7 19.9 29.9



#26

2,2-Dichloropropane

Concen: 49.73 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000999.D

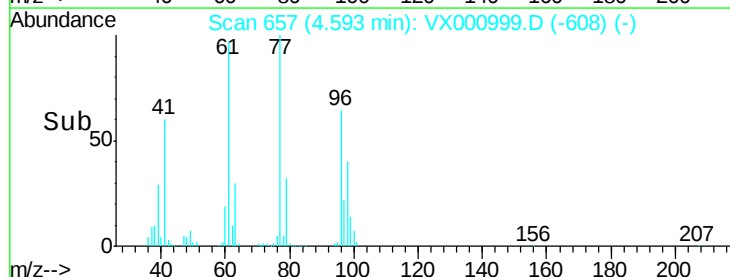
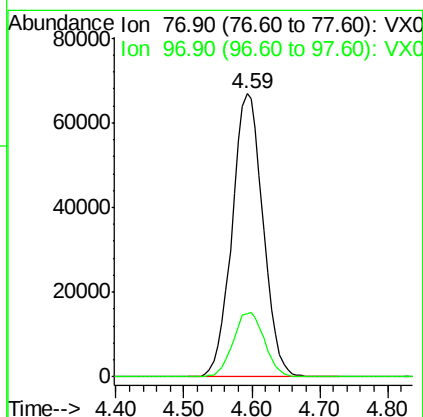
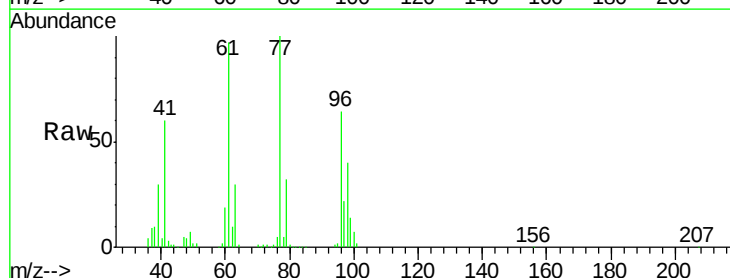
Acq: 19 Apr 2018 19:45

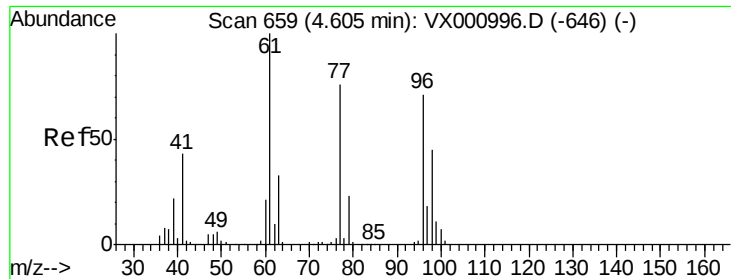
Tgt Ion: 77 Resp: 210445

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4



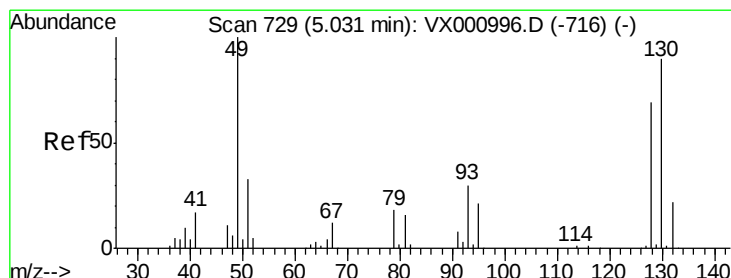
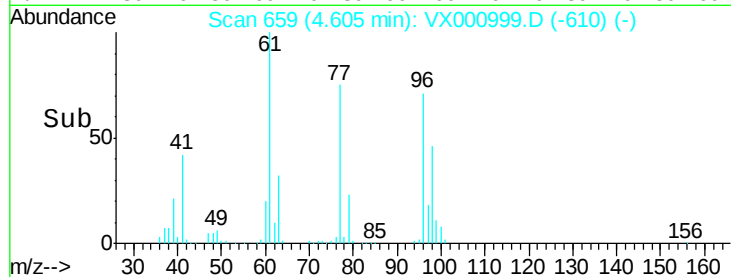
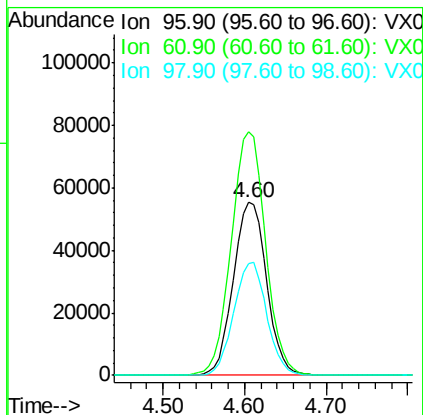
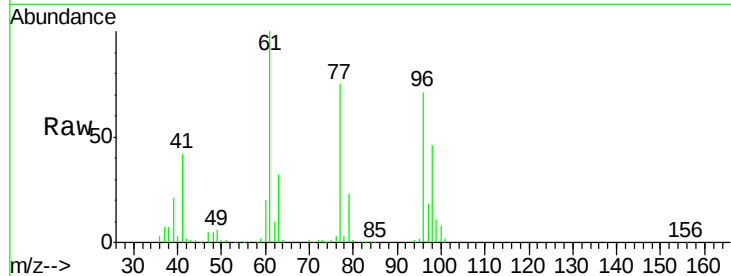


#27

cis-1,2-Dichloroethene
 Concen: 50.31 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX041918

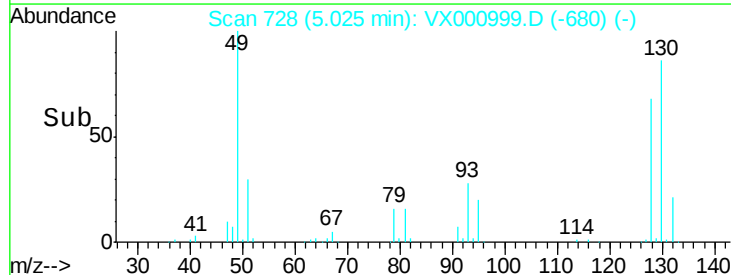
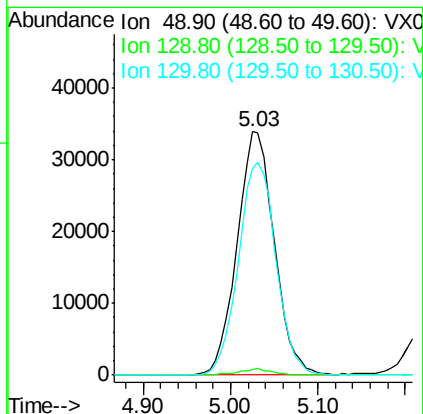
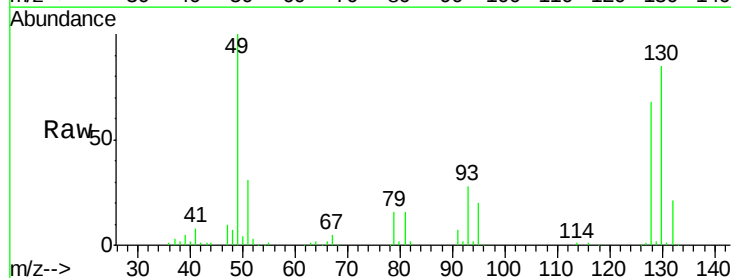
Tgt Ion: 96 Resp: 156181
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 297.0
 98 64.7 0.0 130.0

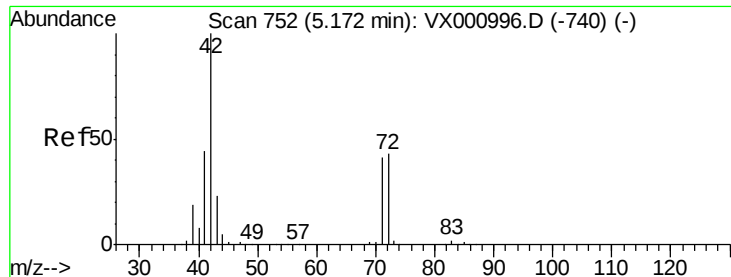


#28

Bromochloromethane
 Concen: 53.19 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

Tgt Ion: 49 Resp: 100625
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 88.2 70.6 105.8





#29

Tetrahydrofuran

Concen: 253.24 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

ICVVX041918

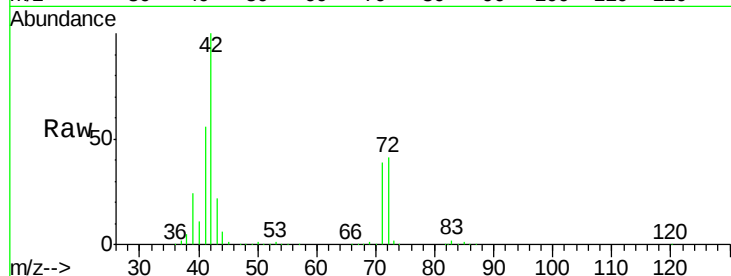
Tgt Ion: 42 Resp: 306367

Ion Ratio Lower Upper

42 100

72 42.8 34.6 52.0

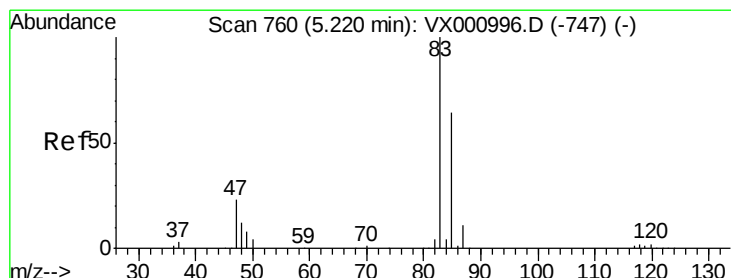
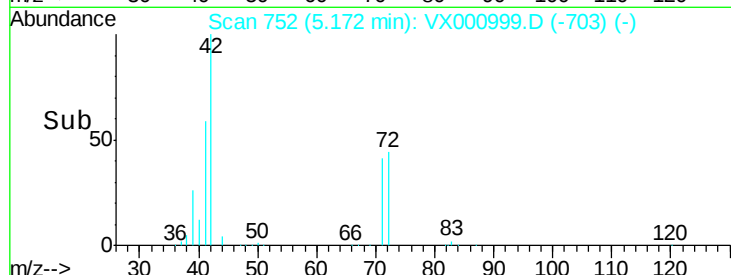
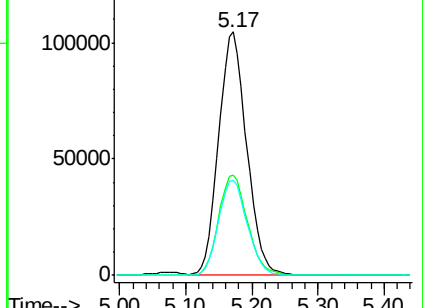
71 40.3 32.6 49.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.38 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX000999.D

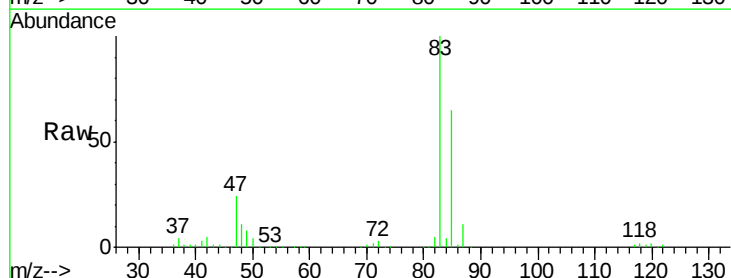
Acq: 19 Apr 2018 19:45

Tgt Ion: 83 Resp: 251585

Ion Ratio Lower Upper

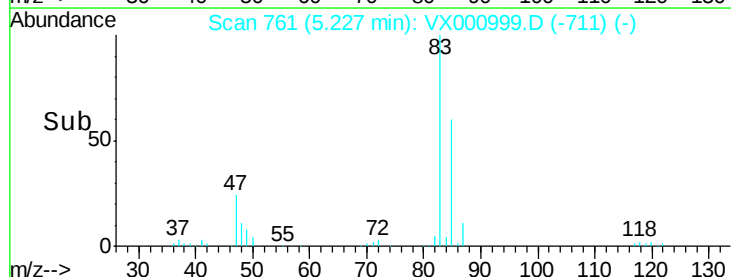
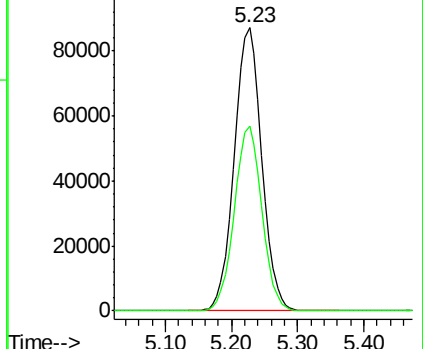
83 100

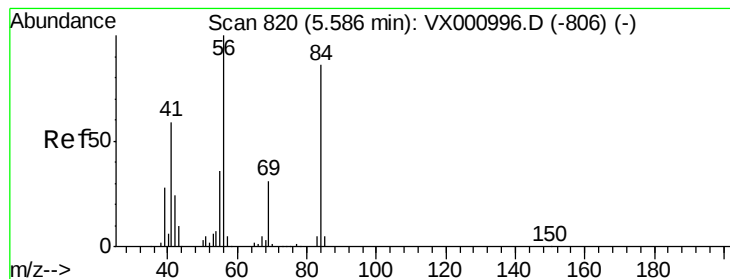
85 65.1 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.86 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

ICVX041918

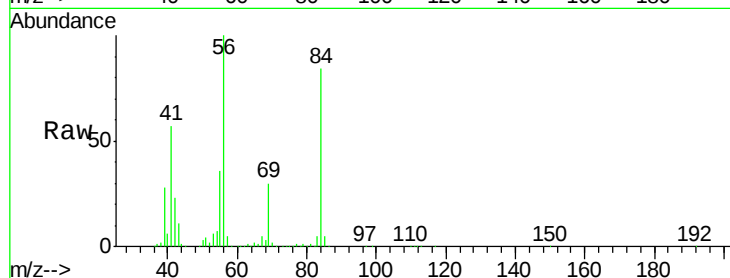
Tgt Ion: 56 Resp: 224315

Ion Ratio Lower Upper

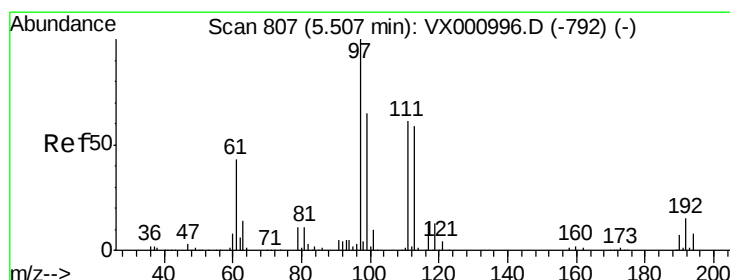
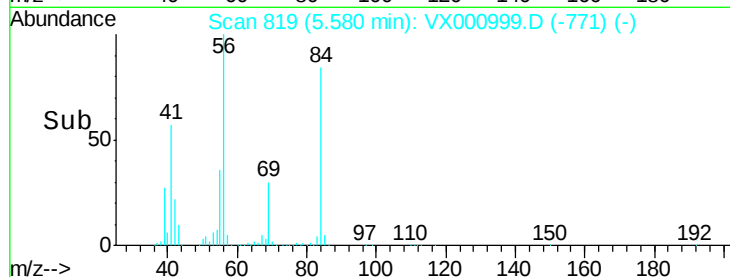
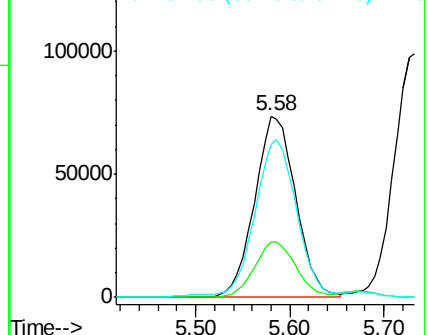
56 100

69 30.4 24.6 36.8

84 83.1 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.85 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

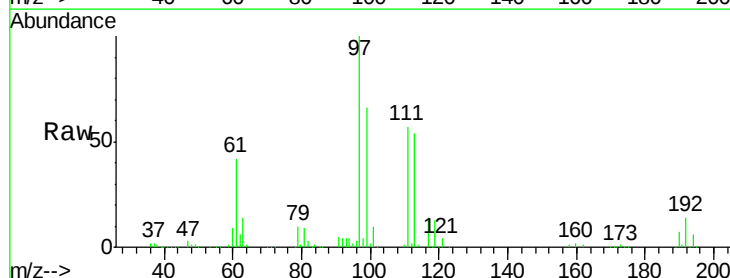
Tgt Ion: 97 Resp: 232248

Ion Ratio Lower Upper

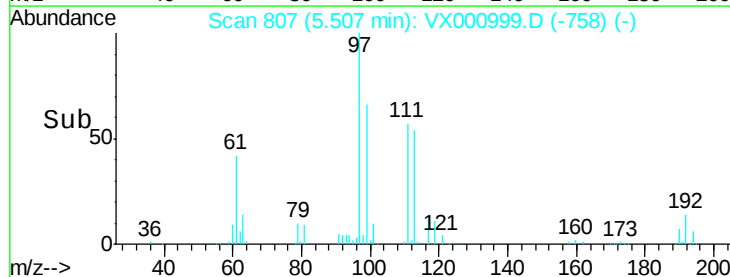
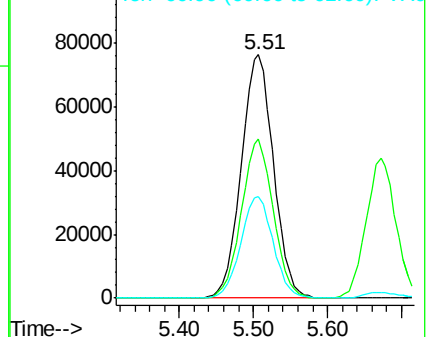
97 100

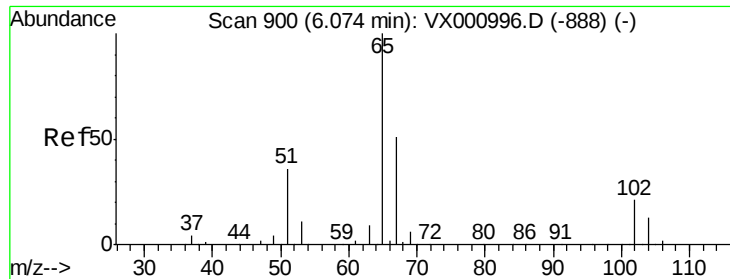
99 64.5 51.1 76.7

61 41.9 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.97 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

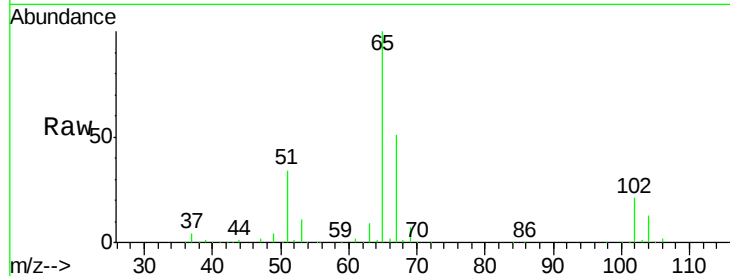
ICVVX041918

Tgt Ion: 65 Resp: 146460

Ion Ratio Lower Upper

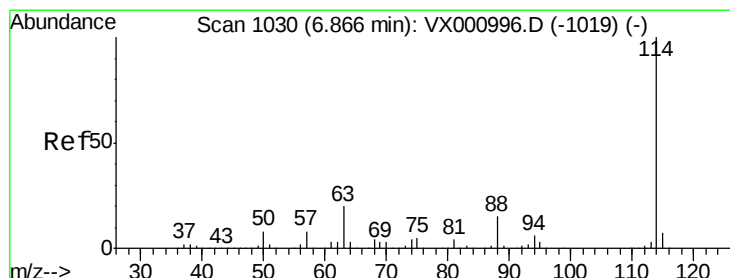
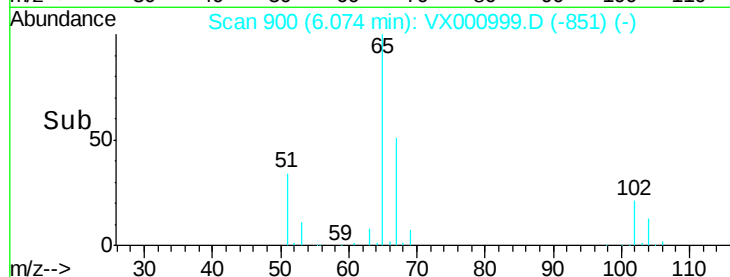
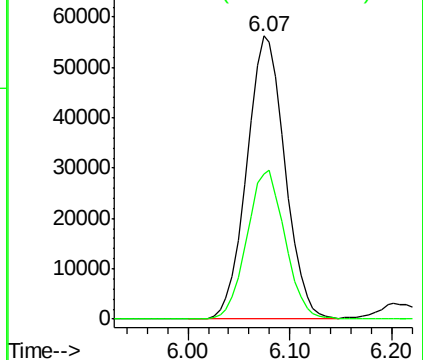
65 100

67 52.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

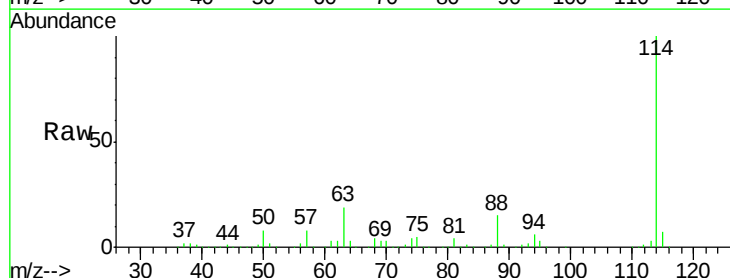
Tgt Ion: 114 Resp: 347107

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.4

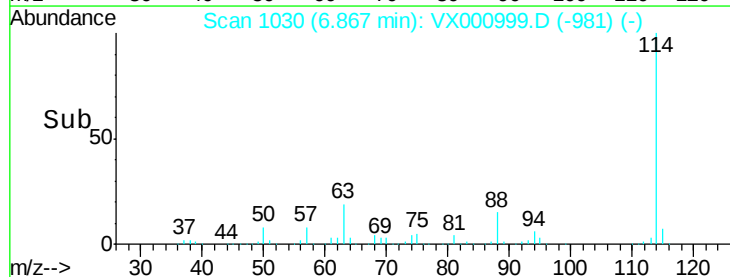
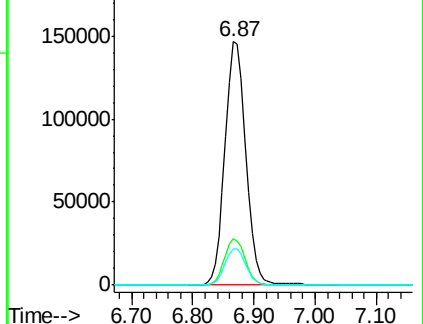
88 15.1 0.0 29.8

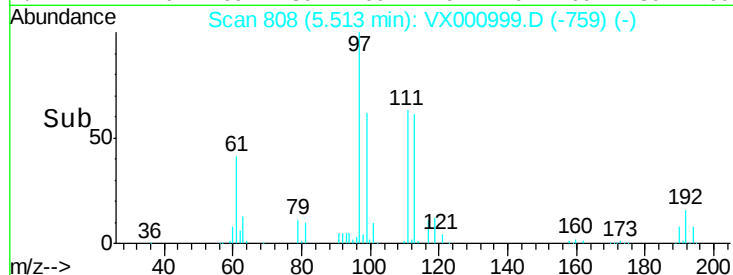
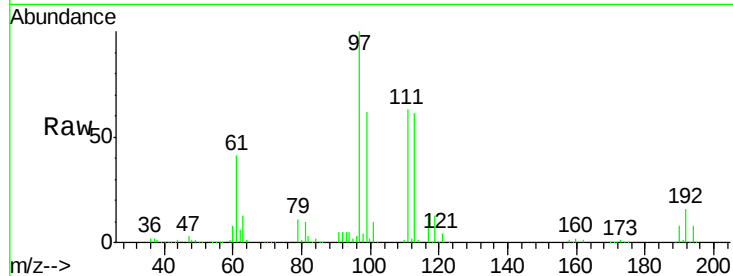
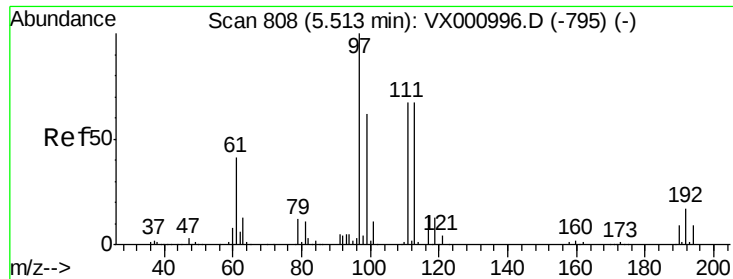


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

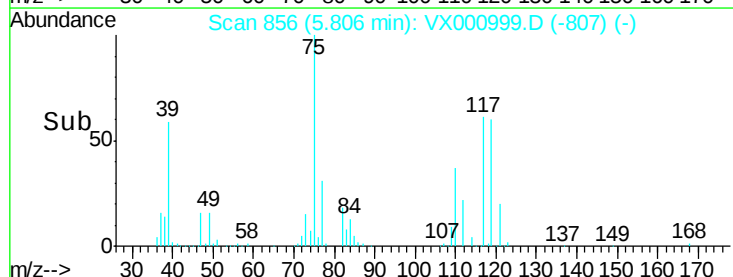
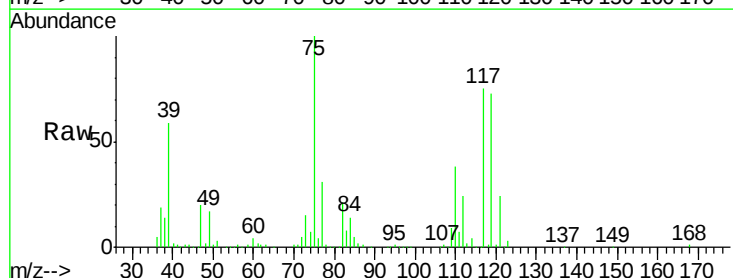
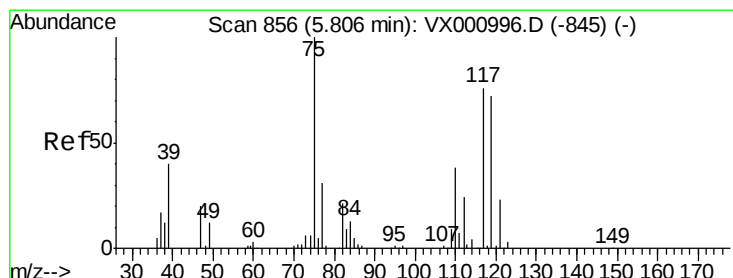
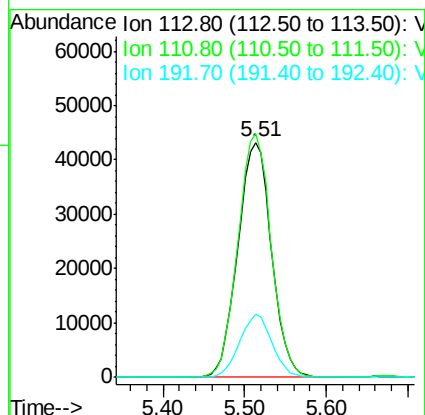




#35
Dibromofluoromethane
Concen: 46.76 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

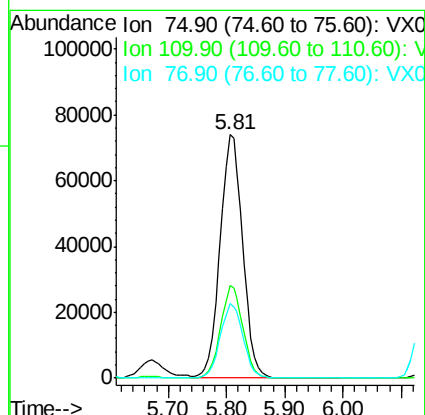
Instrument :
MSVOA_X
ClientSampled :
ICVVX041918

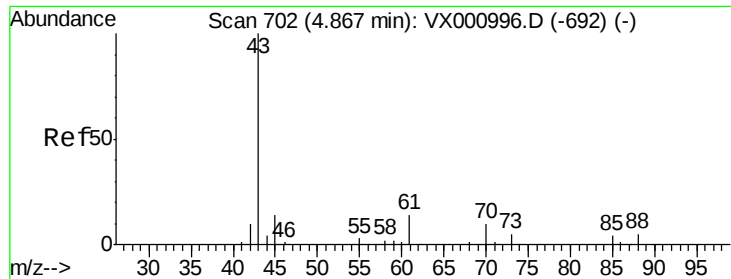
Tgt Ion:113 Resp: 123761
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 26.0 20.4 30.6



#36
1,1-Dichloropropene
Concen: 48.90 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Tgt Ion: 75 Resp: 199474
Ion Ratio Lower Upper
75 100
110 37.4 18.7 56.1
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 50.70 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

ICVX041918

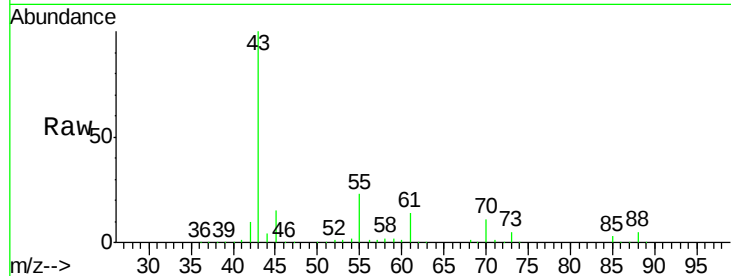
Tgt Ion: 43 Resp: 189685

Ion Ratio Lower Upper

43 100

61 13.3 10.7 16.1

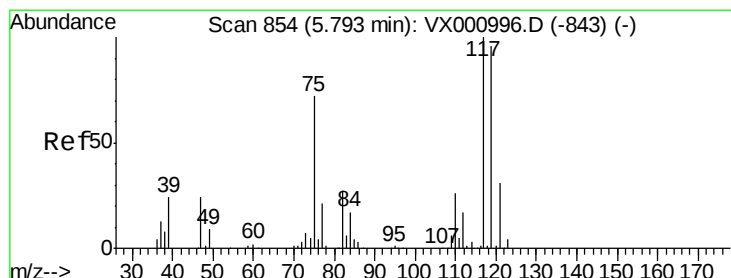
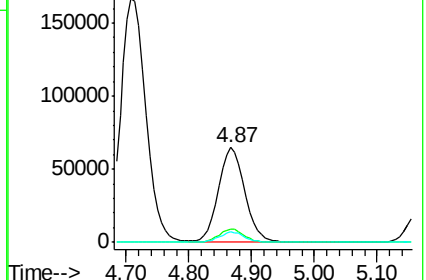
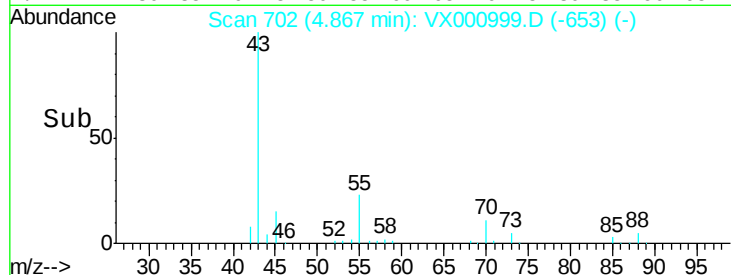
70 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.73 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

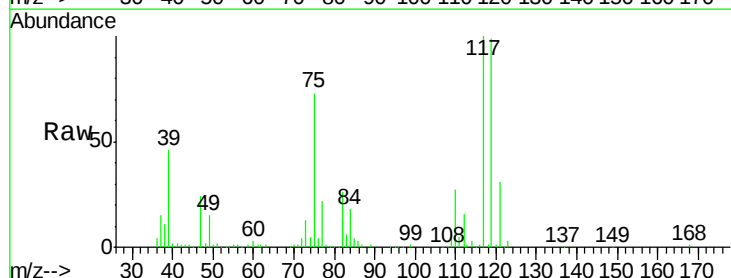
Tgt Ion: 117 Resp: 205391

Ion Ratio Lower Upper

117 100

119 98.6 76.5 114.7

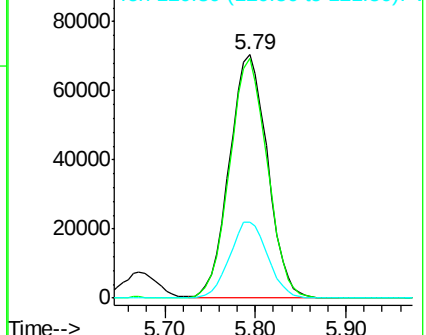
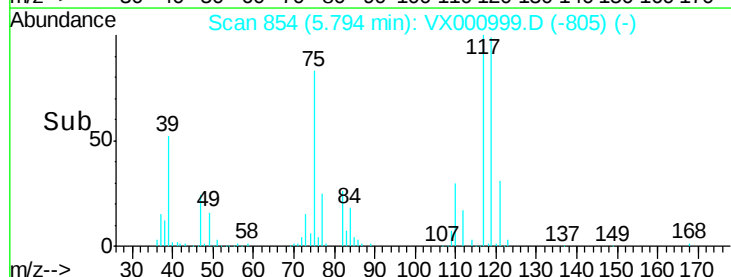
121 31.4 24.5 36.7

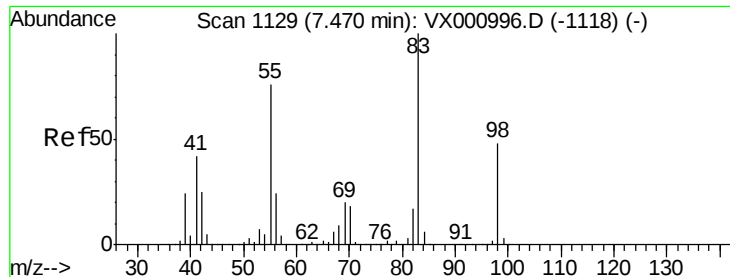


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

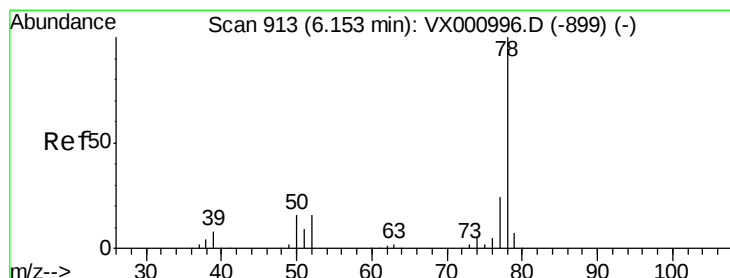
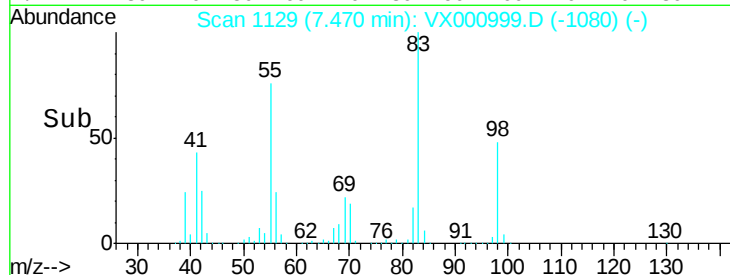
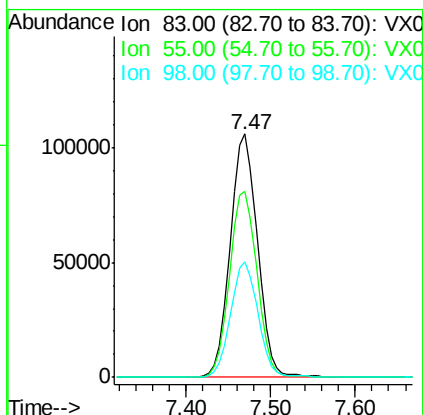
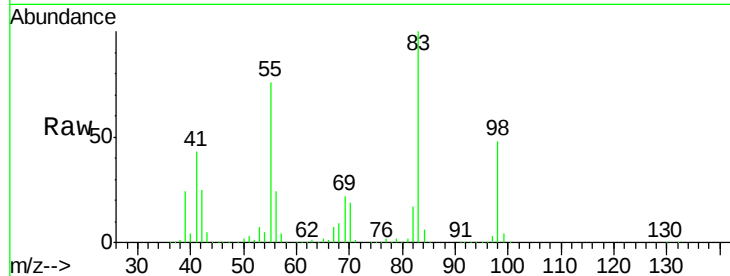




#39
Methylcyclohexane
Concen: 49.13 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

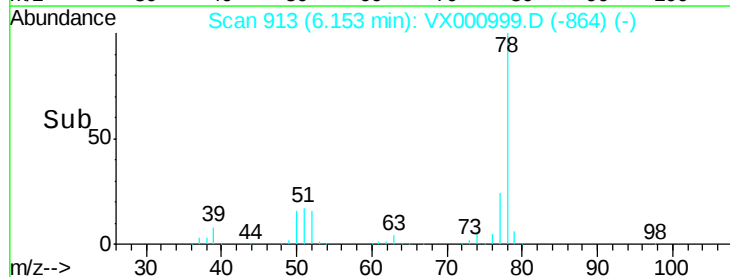
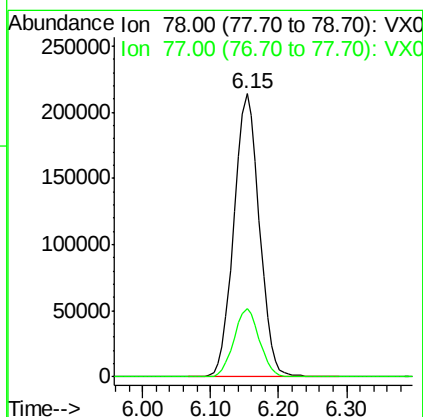
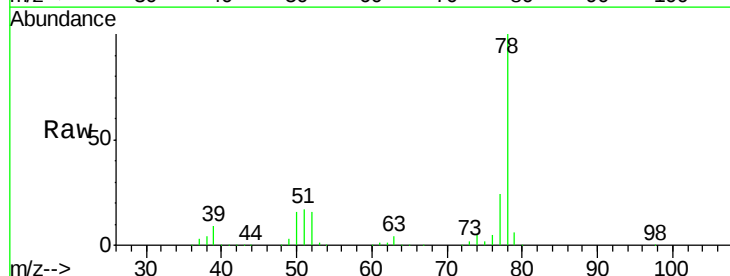
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

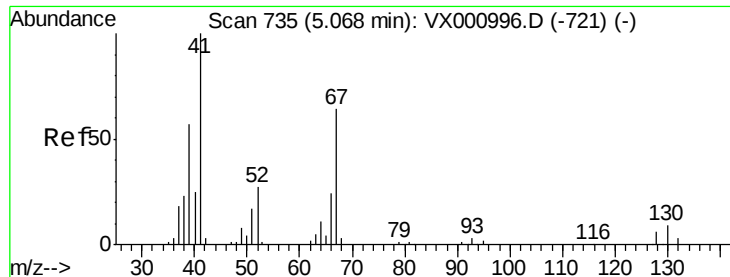
Tgt Ion: 83 Resp: 233240
Ion Ratio Lower Upper
83 100
55 76.1 60.6 91.0
98 47.6 38.2 57.4



#40
Benzene
Concen: 49.16 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Tgt Ion: 78 Resp: 557462
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

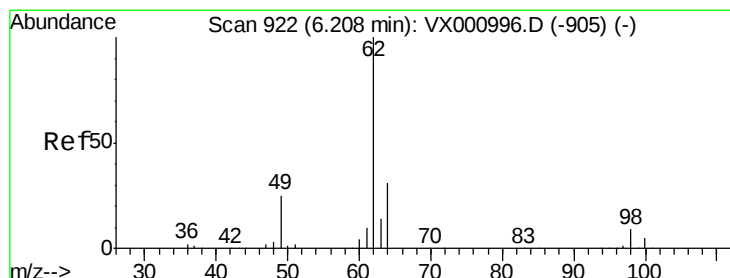
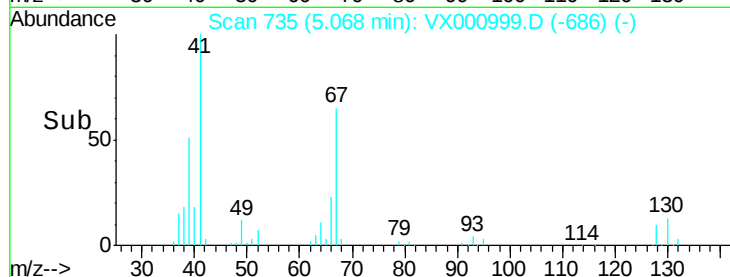
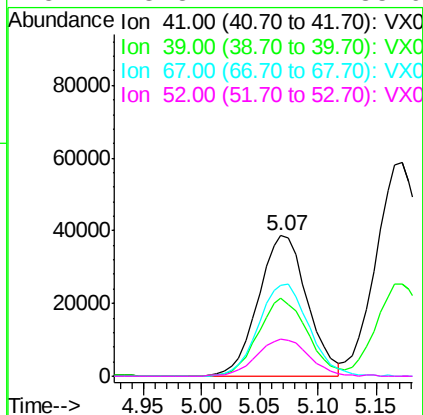
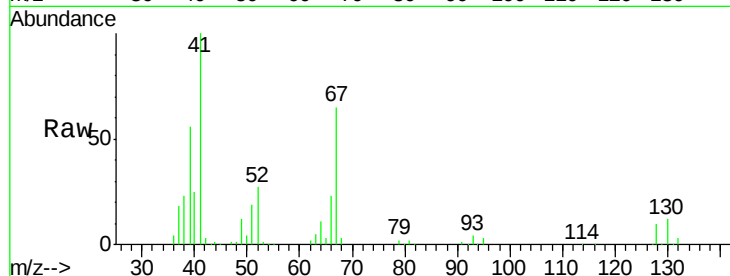




#41
Methacrylonitrile
Concen: 47.85 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

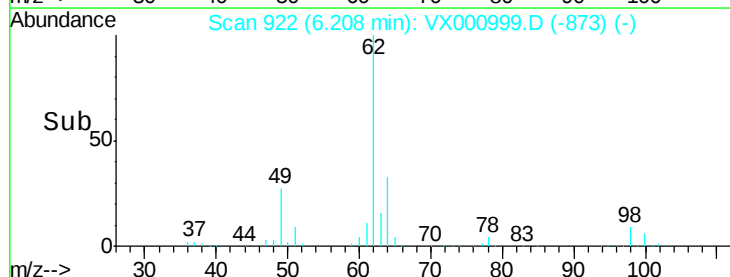
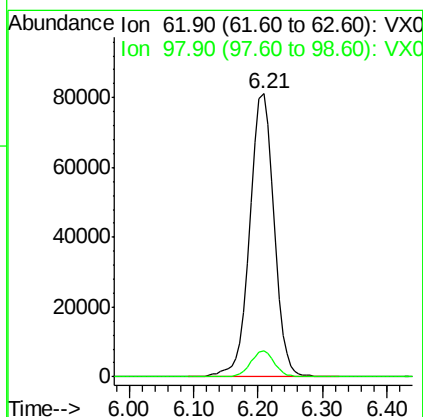
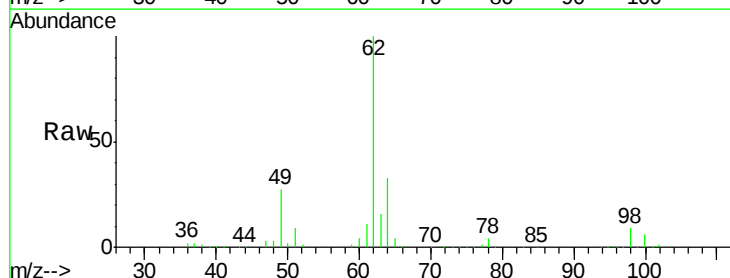
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

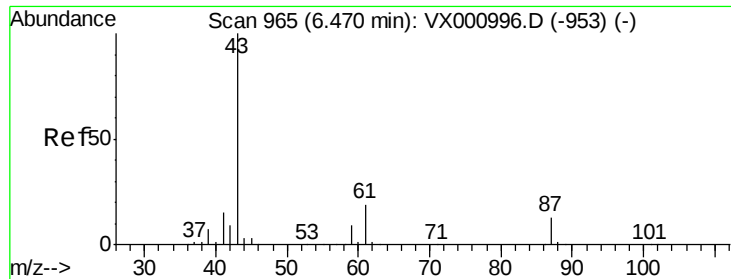
Tgt Ion:	41	Resp:	111800
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.2	67.8
67	67.9	53.8	80.8
52	28.8	22.4	33.6



#42
1,2-Dichloroethane
Concen: 48.08 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Tgt Ion:	62	Resp:	209301
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6





#43

Isopropyl Acetate

Concen: 50.68 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041918

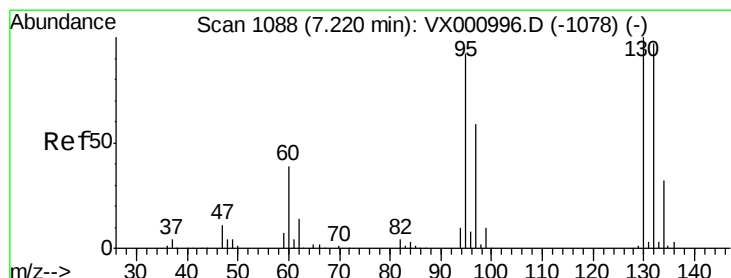
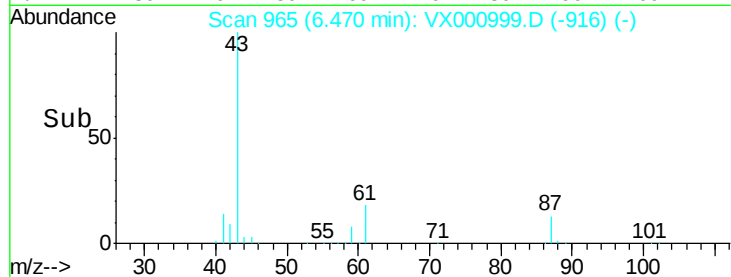
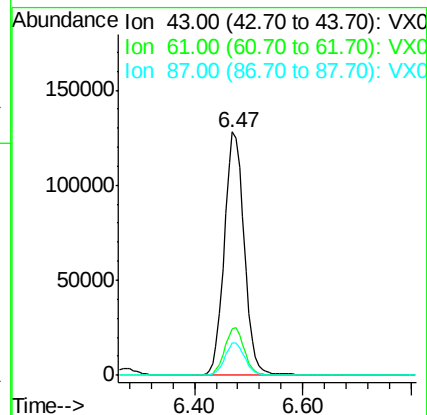
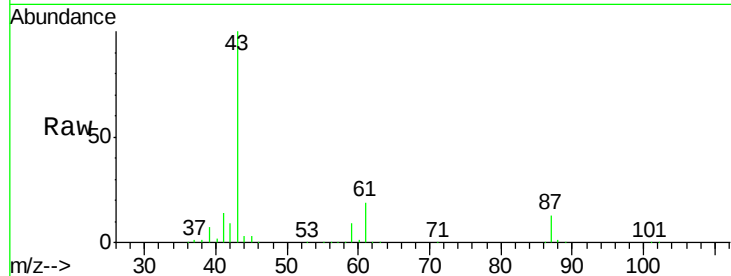
Tgt Ion: 43 Resp: 325313

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.2

87 13.3 10.6 15.8



#44

Trichloroethene

Concen: 48.97 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000999.D

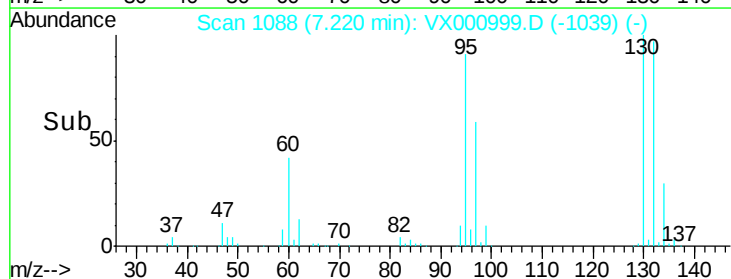
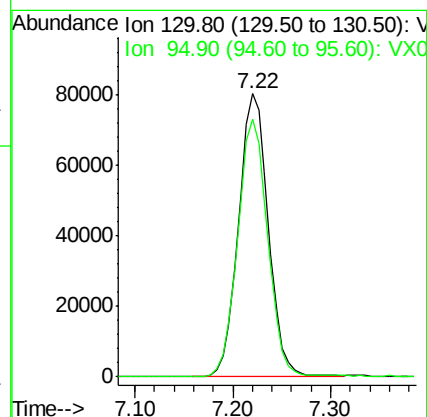
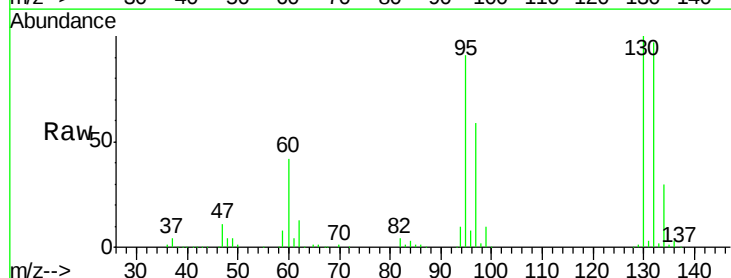
Acq: 19 Apr 2018 19:45

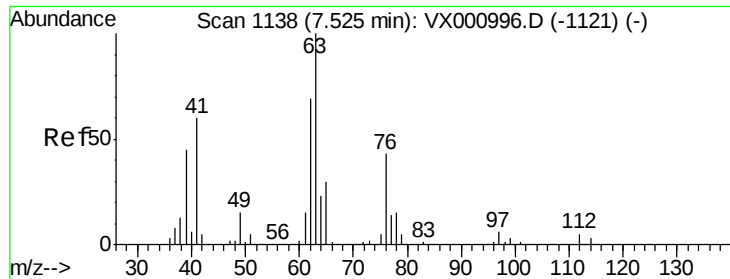
Tgt Ion:130 Resp: 169658

Ion Ratio Lower Upper

130 100

95 91.1 0.0 184.2





#45

1,2-Dichloropropane

Concen: 50.63 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

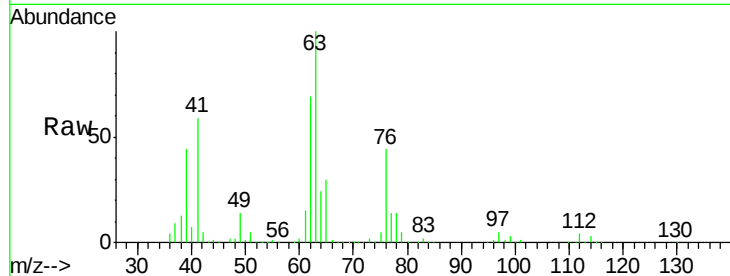
ICVVX041918

Tgt Ion: 63 Resp: 144359

Ion Ratio Lower Upper

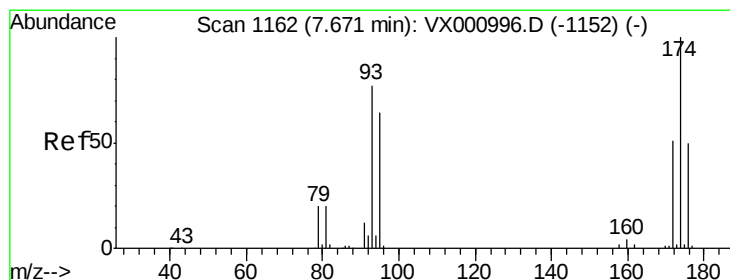
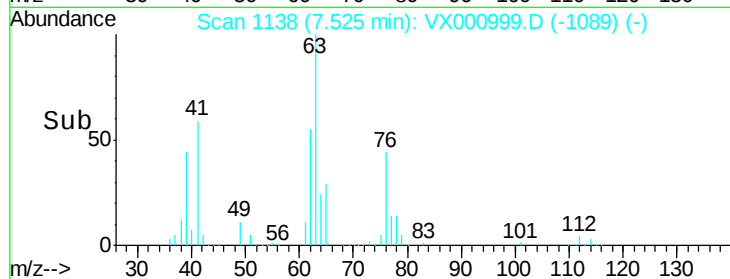
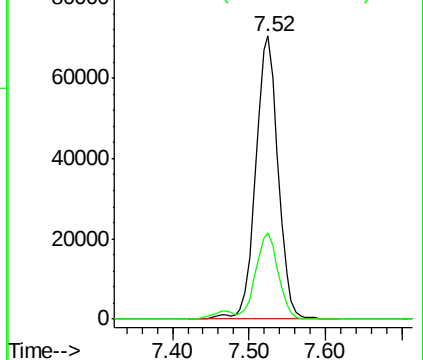
63 100

65 30.5 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: 49.06 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

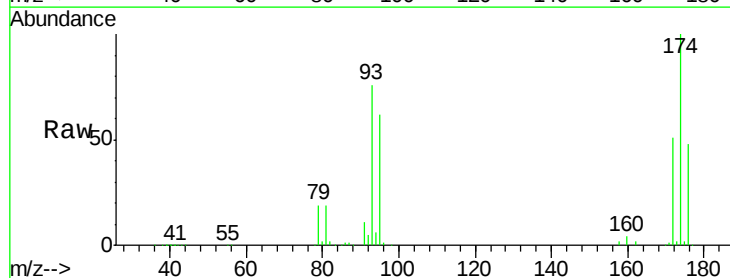
Tgt Ion: 93 Resp: 97739

Ion Ratio Lower Upper

93 100

95 83.8 66.7 100.1

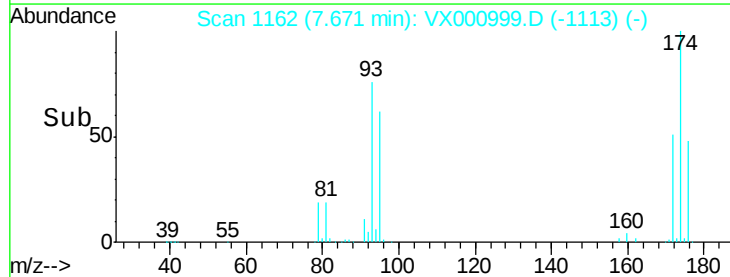
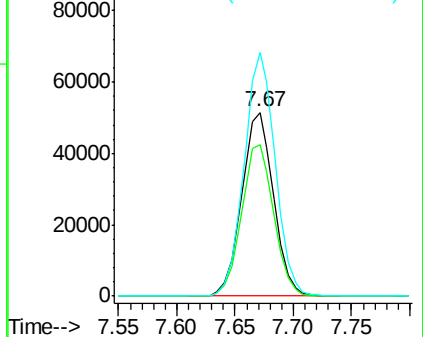
174 130.1 101.8 152.6

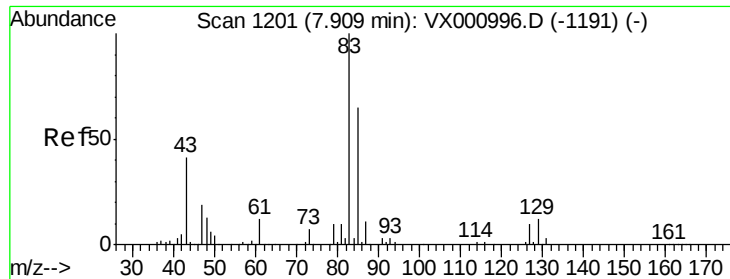


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.44 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041918

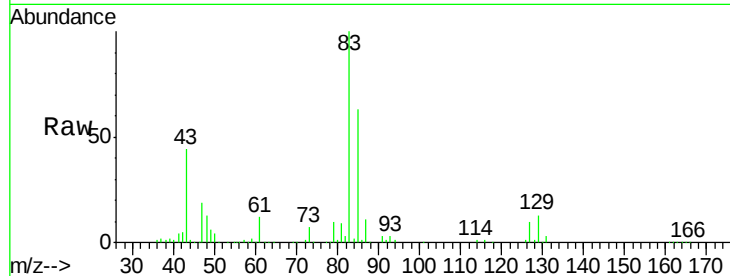
Tgt Ion: 83 Resp: 189859

Ion Ratio Lower Upper

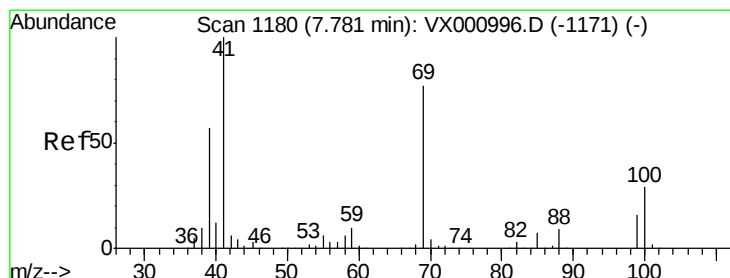
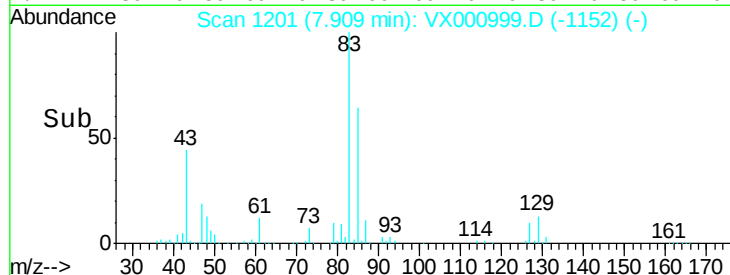
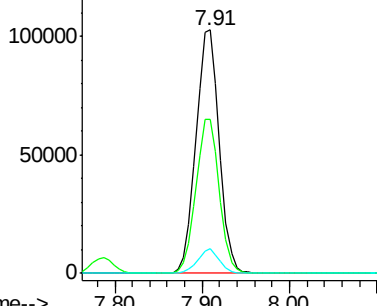
83 100

85 63.4 52.3 78.5

127 10.1 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: 49.94 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

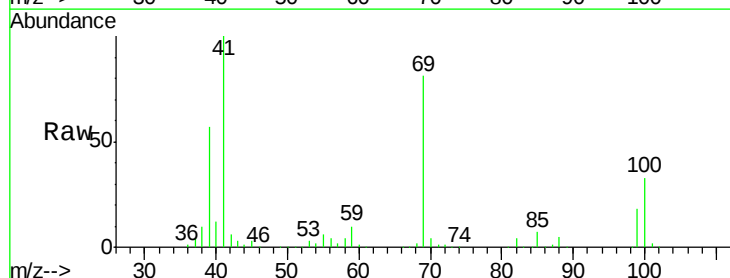
Tgt Ion: 41 Resp: 172608

Ion Ratio Lower Upper

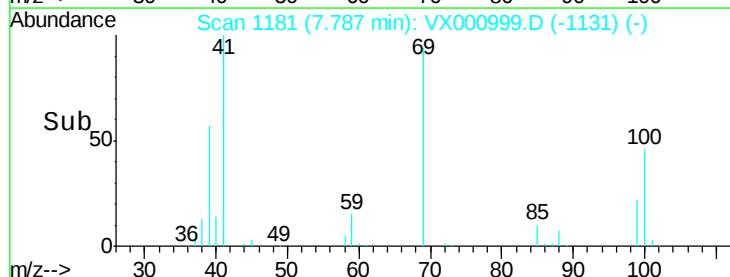
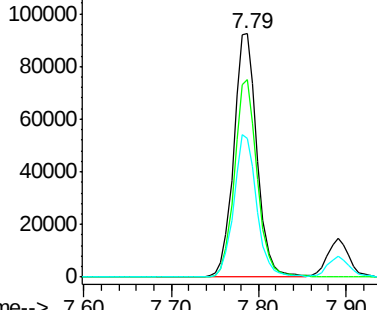
41 100

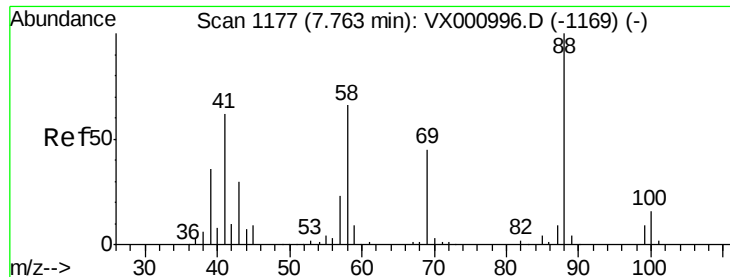
69 79.8 62.6 94.0

39 57.1 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

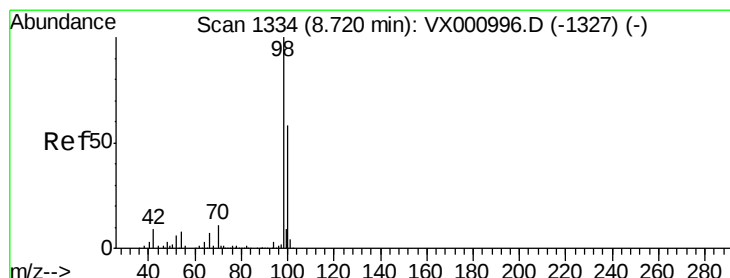
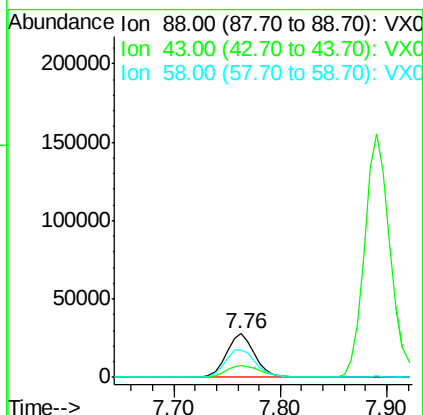
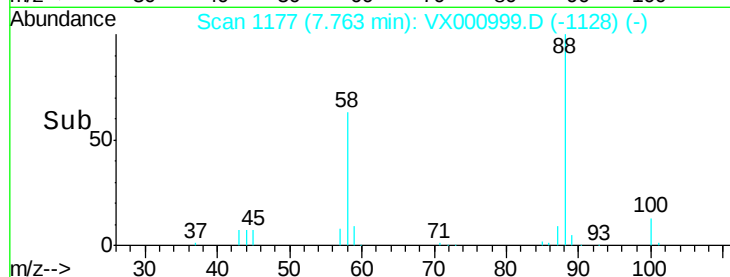
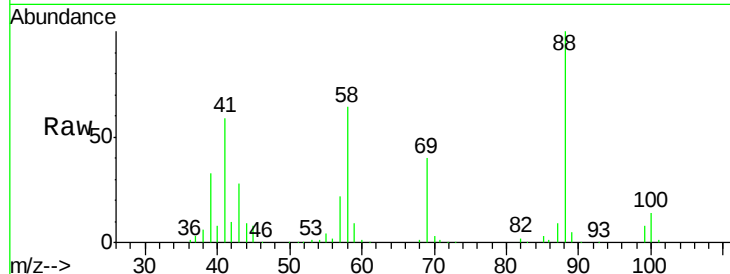




#49
1,4-Dioxane
Concen: 1015.34 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

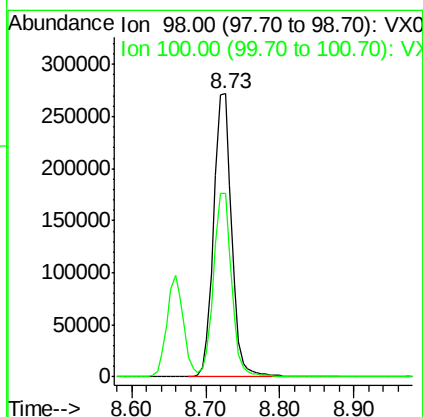
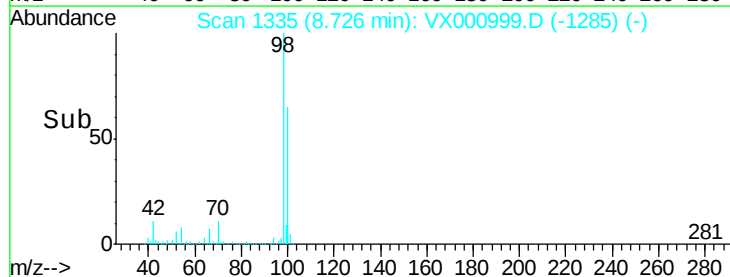
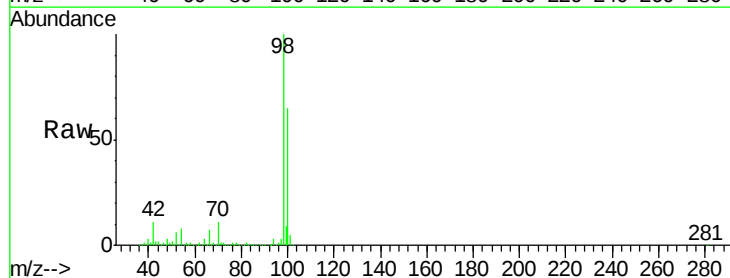
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

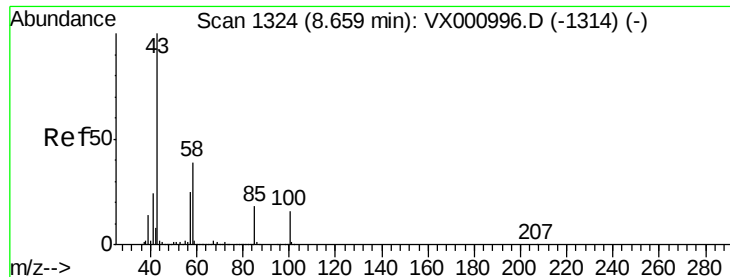
Tgt Ion: 88 Resp: 51608
Ion Ratio Lower Upper
88 100
43 34.9 29.2 43.8
58 69.5 55.0 82.6



#50
Toluene-d8
Concen: 46.03 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Tgt Ion: 98 Resp: 450452
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

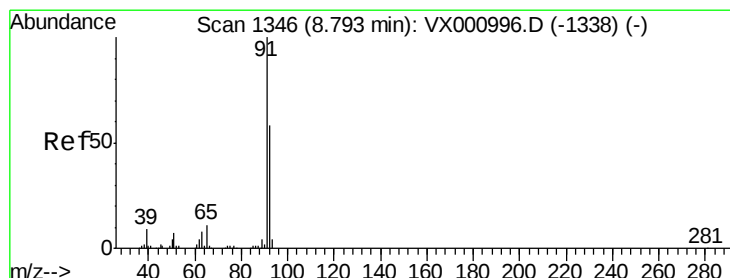
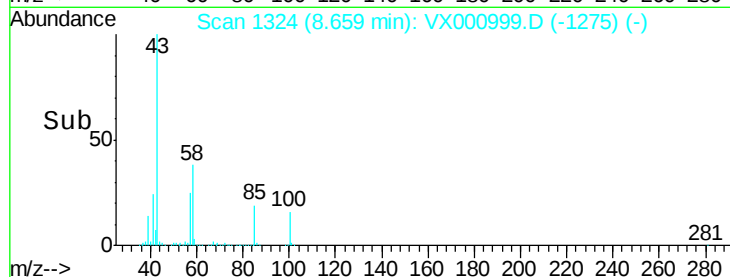
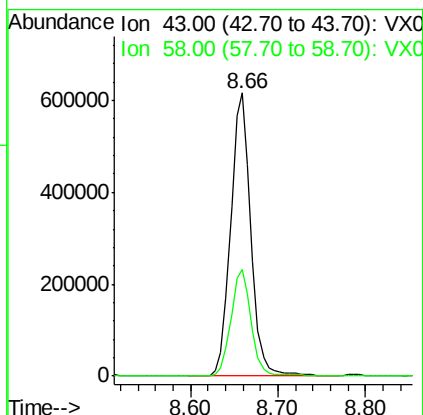
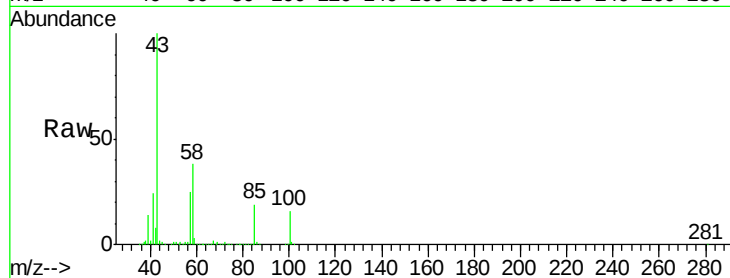




#51
 4-Methyl-2-Pentanone
 Concen: 254.51 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

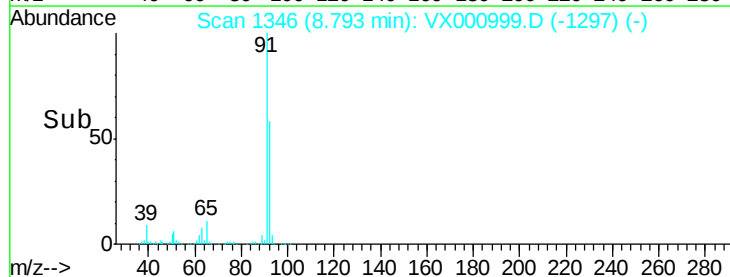
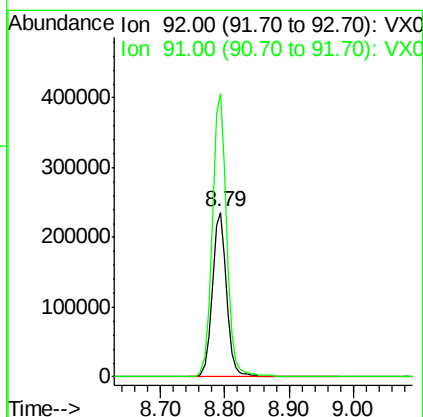
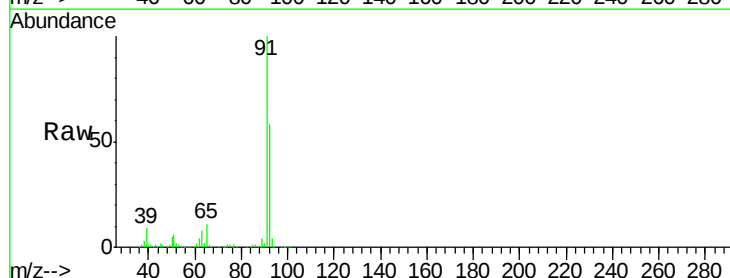
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041918

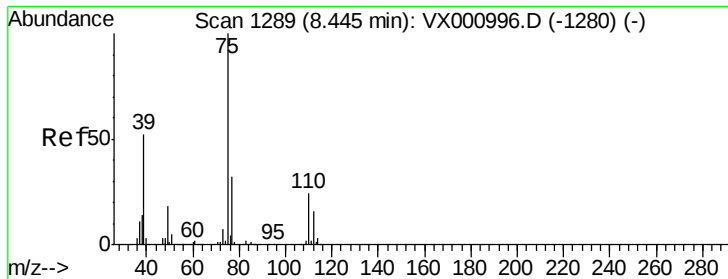
Tgt Ion: 43 Resp: 991965
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.2 45.4



#52
 Toluene
 Concen: 49.86 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

Tgt Ion: 92 Resp: 369044
 Ion Ratio Lower Upper
 92 100
 91 172.9 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 52.44 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

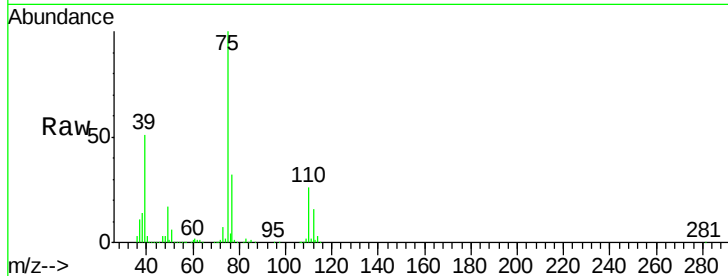
ICVVX041918

Tgt Ion: 75 Resp: 231490

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.45

150000

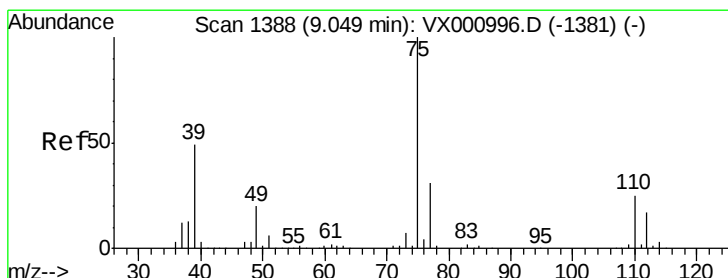
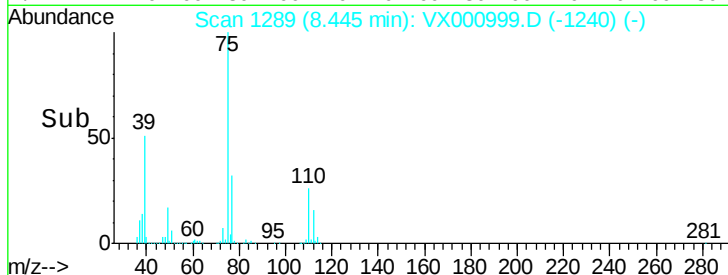
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.77 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

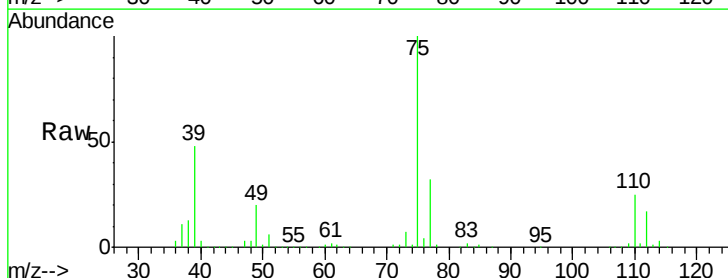
Tgt Ion: 75 Resp: 223818

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

39 47.6 39.2 58.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

150000

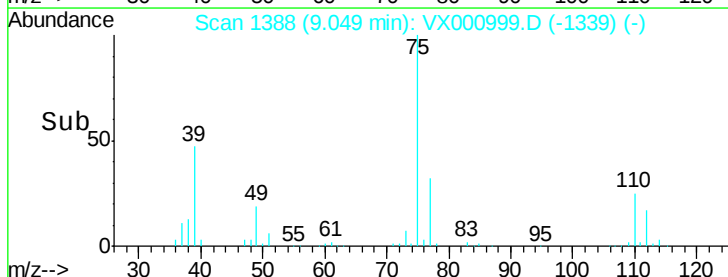
100000

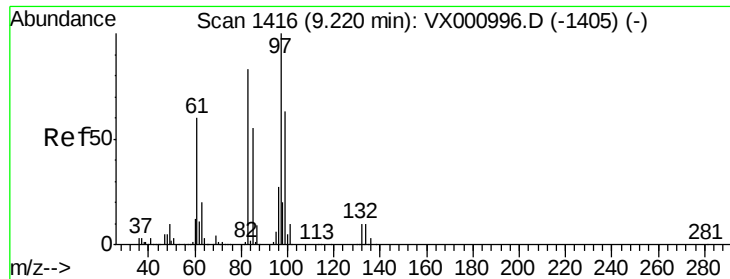
50000

0

9.00 9.10 9.20

Time-->

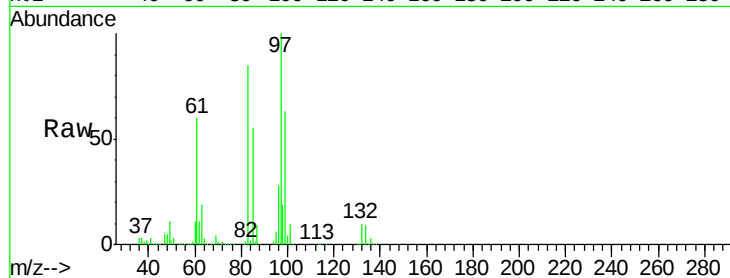




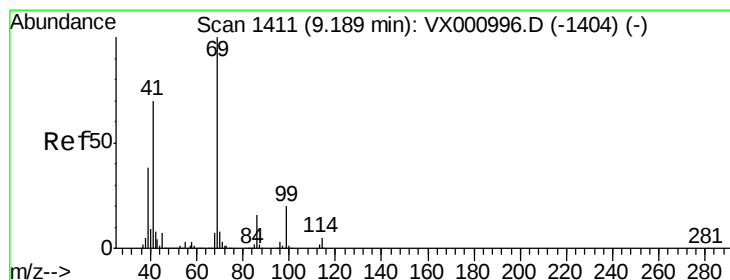
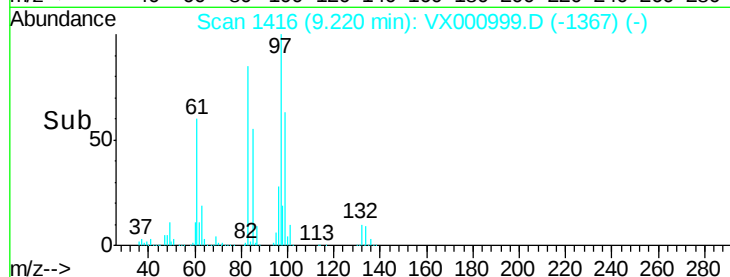
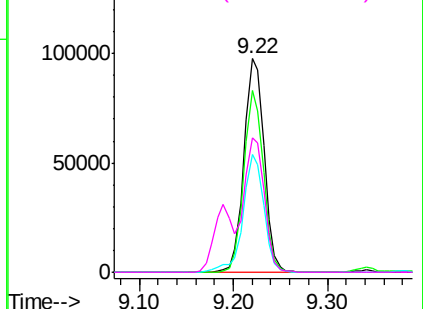
#55
 1,1,2-Trichloroethane
 Concen: 49.77 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041918

Tgt Ion:	97	Resp:	146427
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.2	99.4
85	55.4	44.2	66.4
99	62.8	50.2	75.4

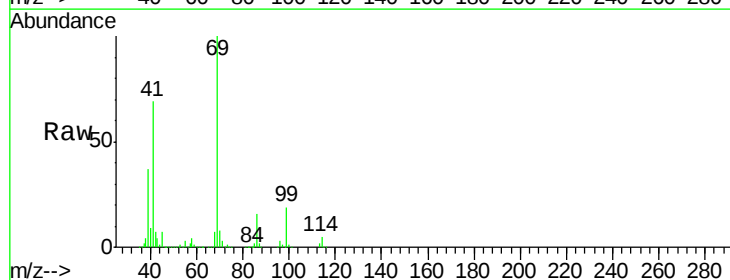


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

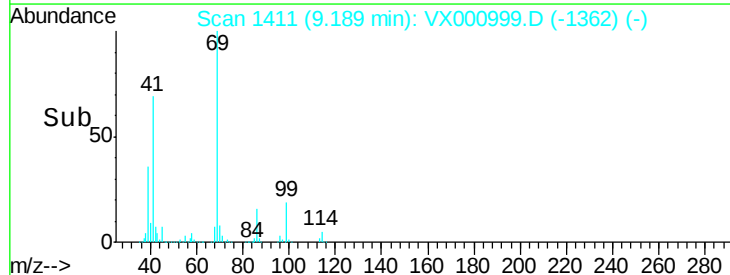
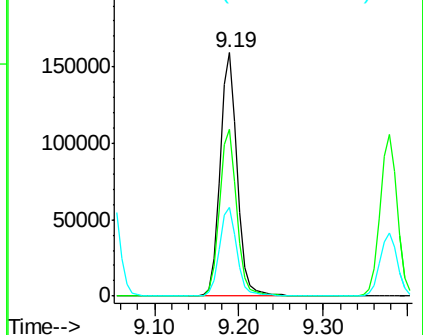


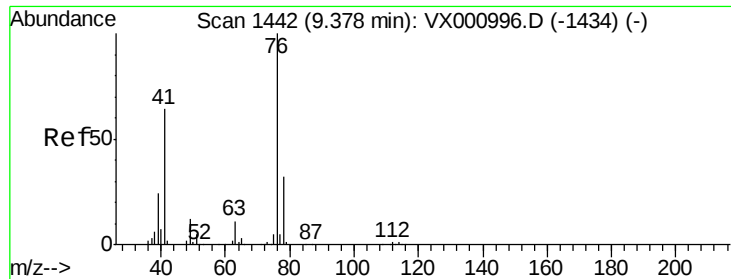
#56
 Ethyl methacrylate
 Concen: 51.68 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

Tgt Ion:	69	Resp:	223300
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.3	84.5
39	37.3	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

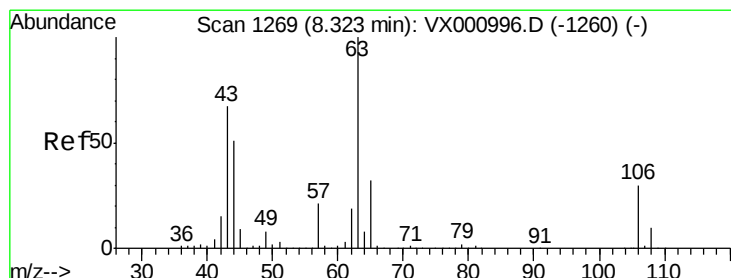
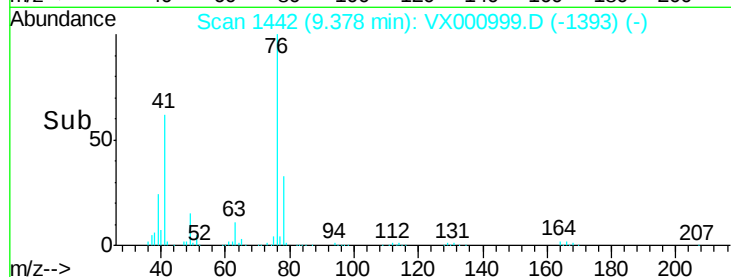
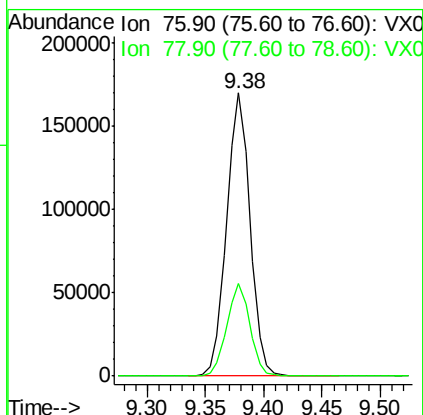
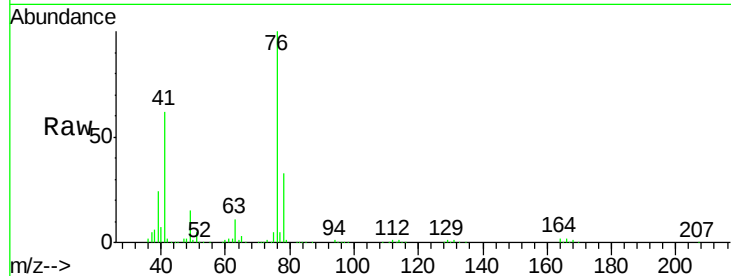




#57
 1,3-Dichloropropane
 Concen: 48.72 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

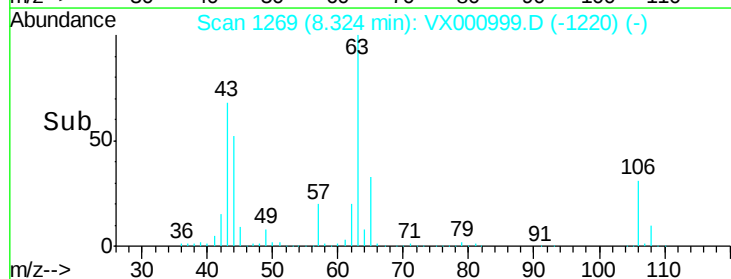
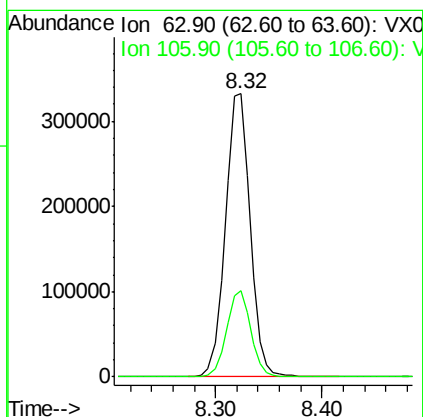
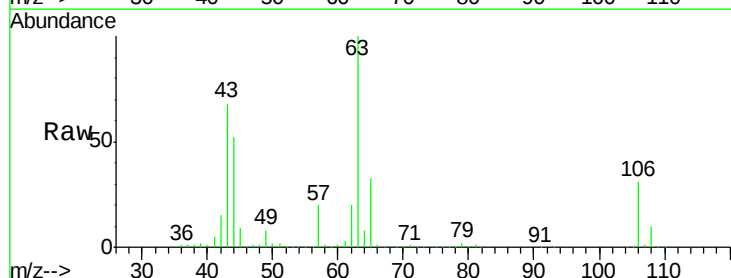
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041918

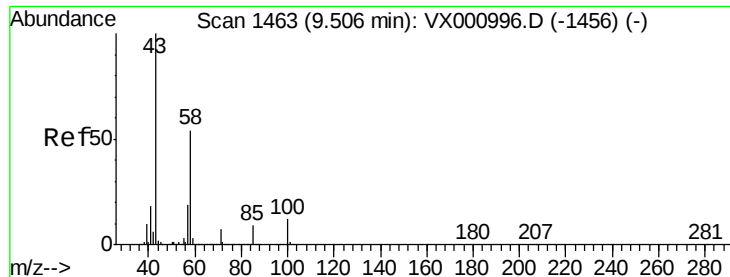
Tgt Ion: 76 Resp: 237433
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.78 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

Tgt Ion: 63 Resp: 539407
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.6

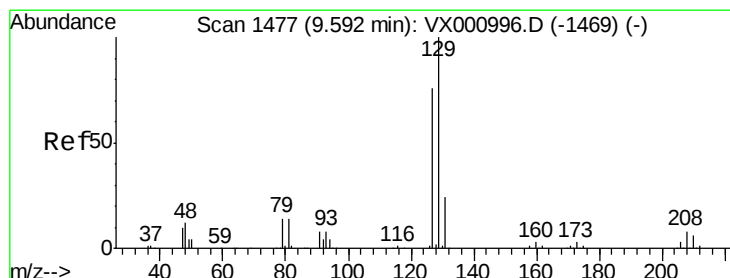
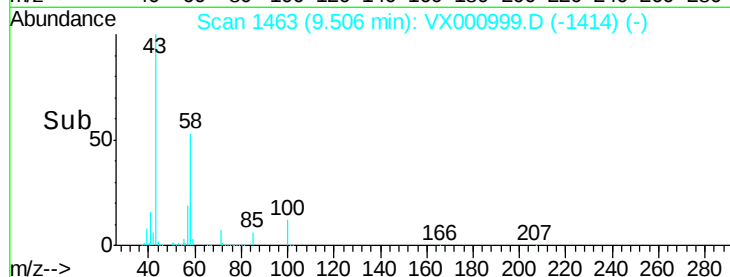
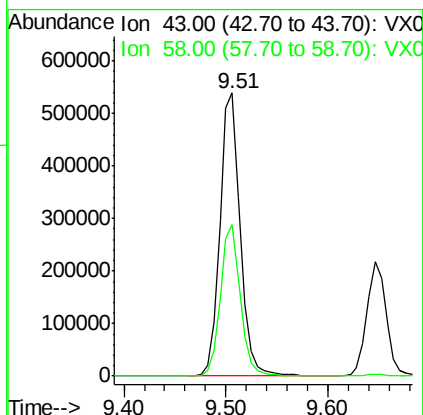
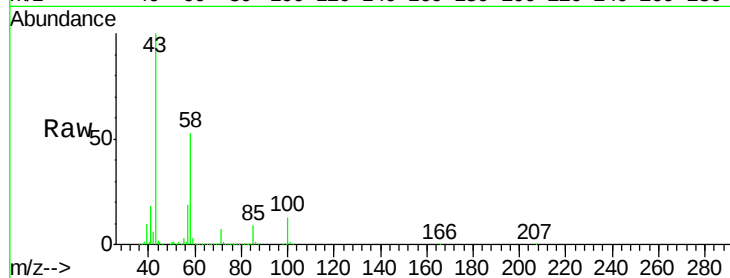




#59
2-Hexanone
Concen: 251.34 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

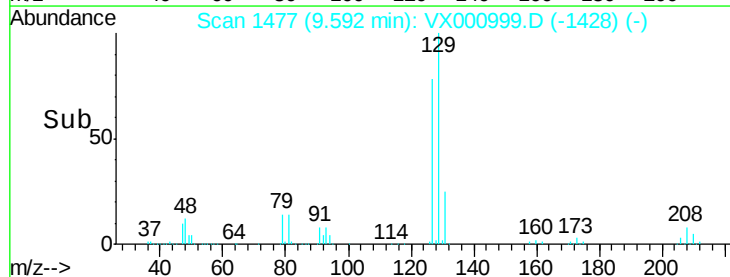
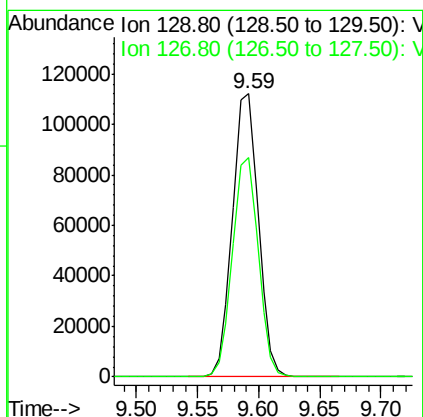
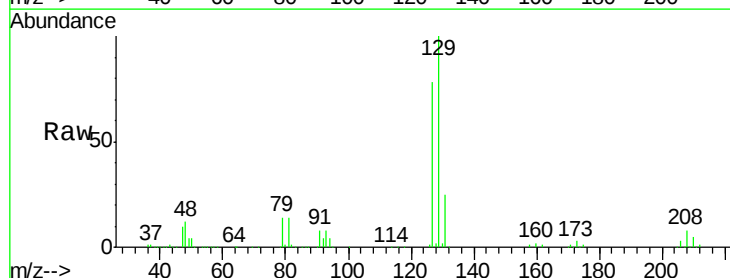
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

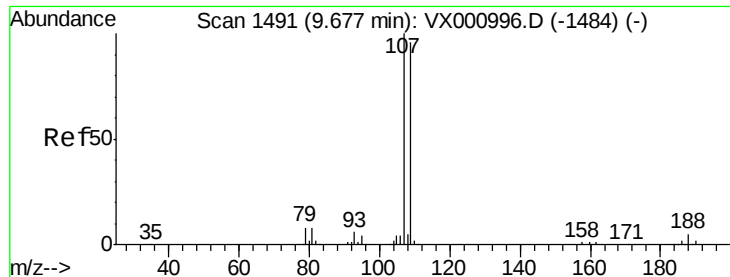
Tgt Ion: 43 Resp: 749830
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.9



#60
Dibromochloromethane
Concen: 53.25 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Tgt Ion: 129 Resp: 164522
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.52 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

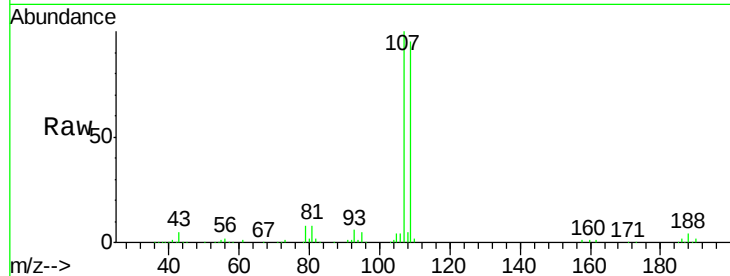
ICVVX041918

Tgt Ion: 107 Resp: 156863

Ion Ratio Lower Upper

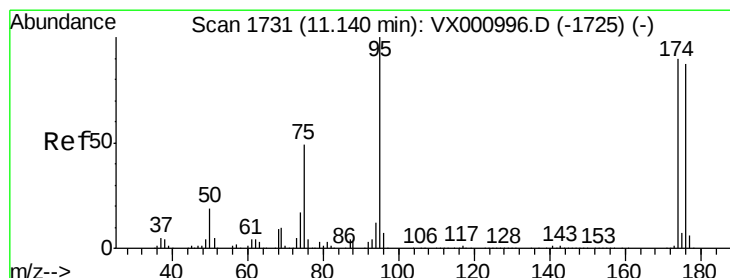
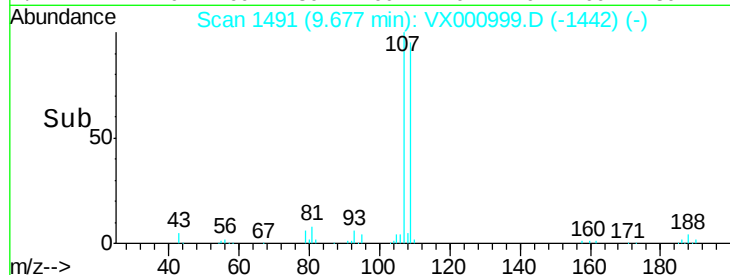
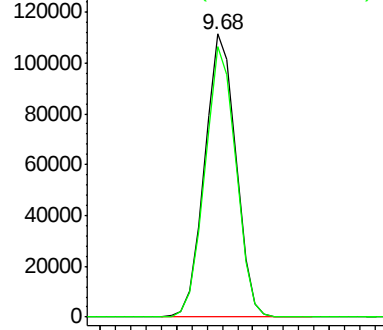
107 100

109 95.0 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: 45.20 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

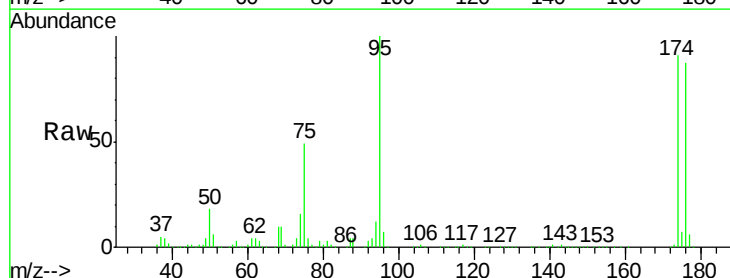
Tgt Ion: 95 Resp: 185647

Ion Ratio Lower Upper

95 100

174 98.6 0.0 198.4

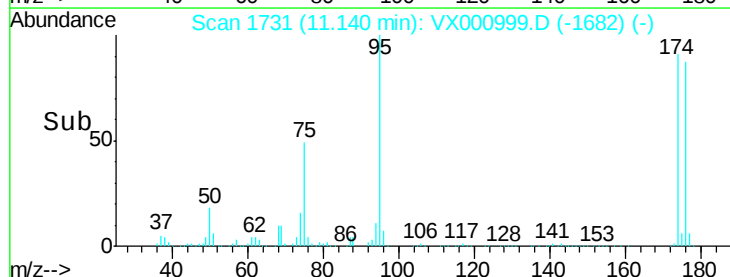
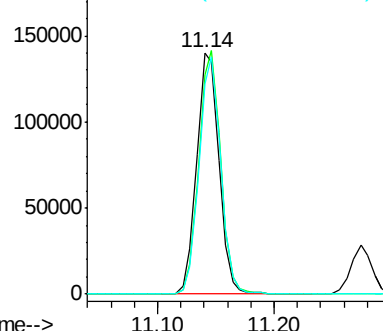
176 95.6 0.0 192.0

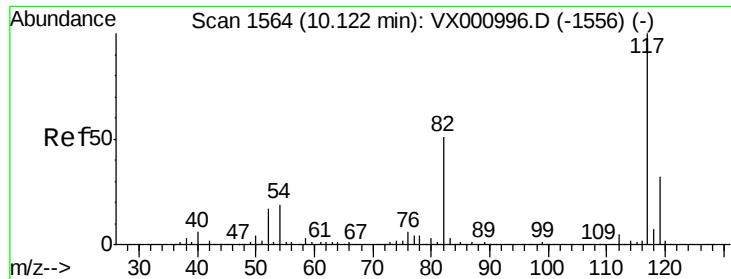


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

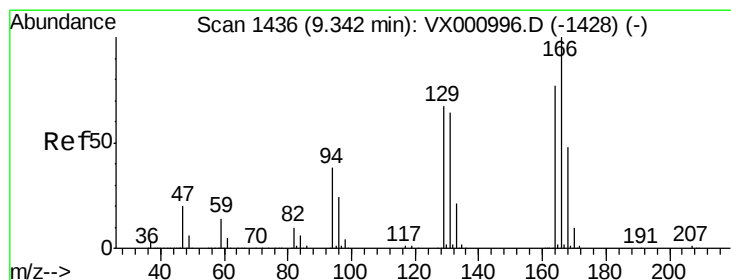
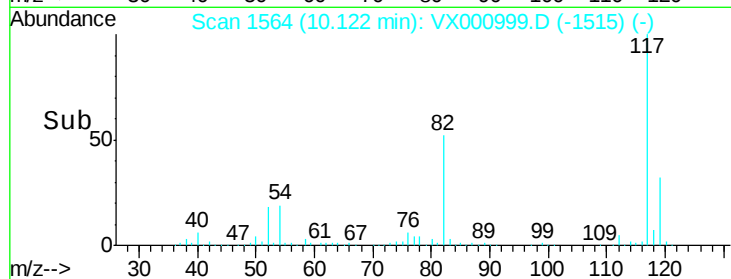
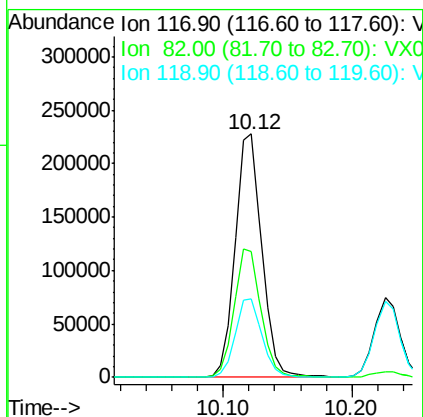
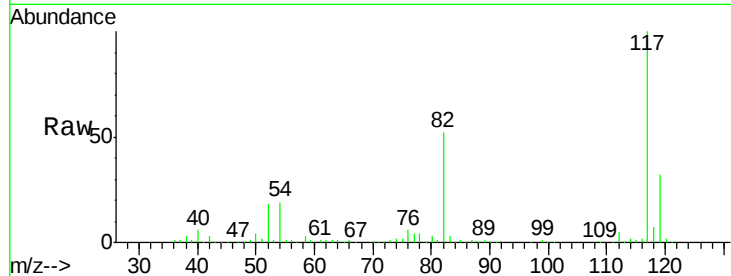




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

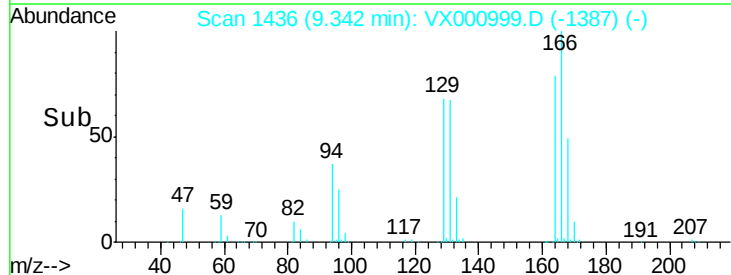
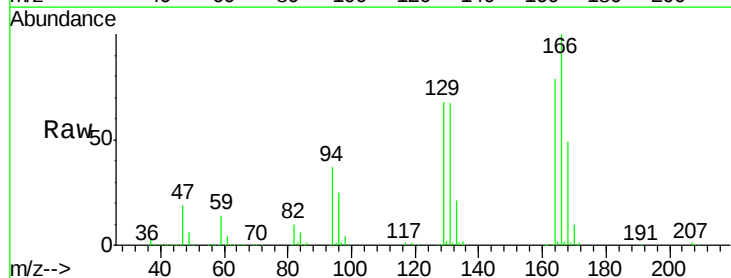
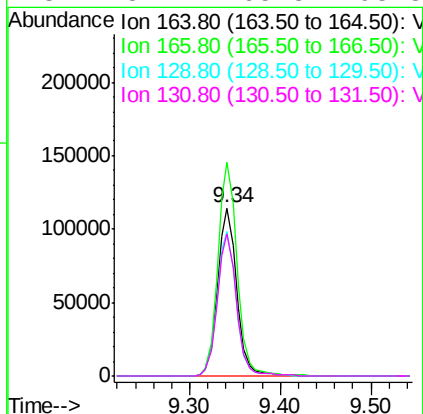
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

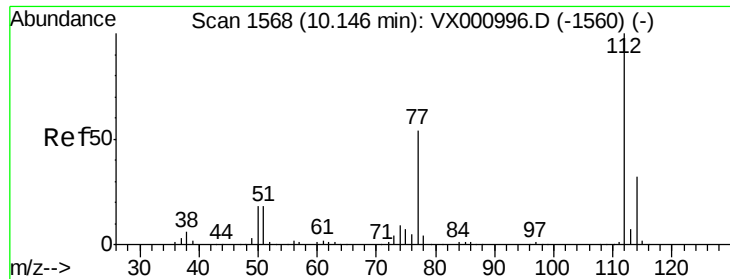
Tgt Ion:117 Resp: 327600
Ion Ratio Lower Upper
117 100
82 51.6 40.6 60.8
119 32.4 26.0 39.0



#64
Tetrachloroethene
Concen: 48.51 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Tgt Ion:164 Resp: 168753
Ion Ratio Lower Upper
164 100
166 127.2 103.5 155.3
129 86.5 69.6 104.4
131 84.7 65.8 98.8





#65

Chlorobenzene

Concen: 49.54 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

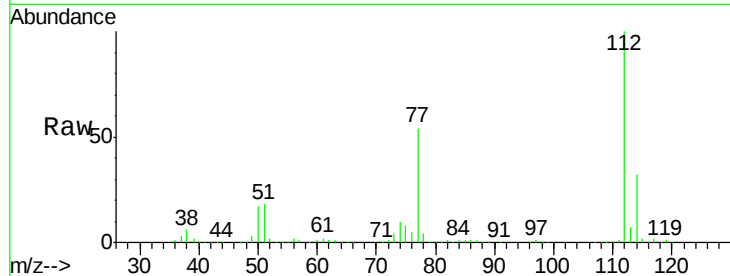
ICVVX041918

Tgt Ion:112 Resp: 432184

Ion Ratio Lower Upper

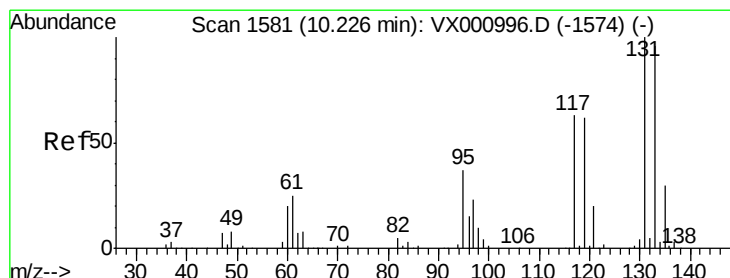
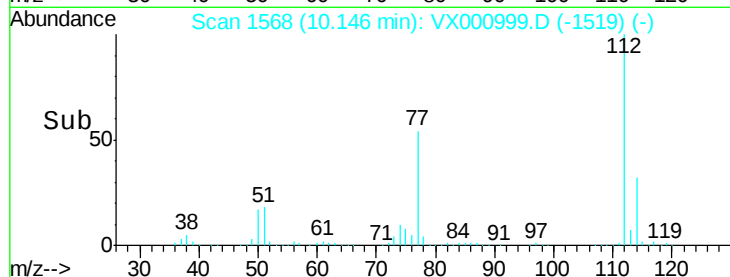
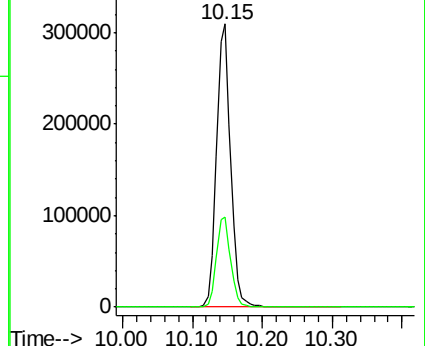
112 100

114 32.0 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: 52.66 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

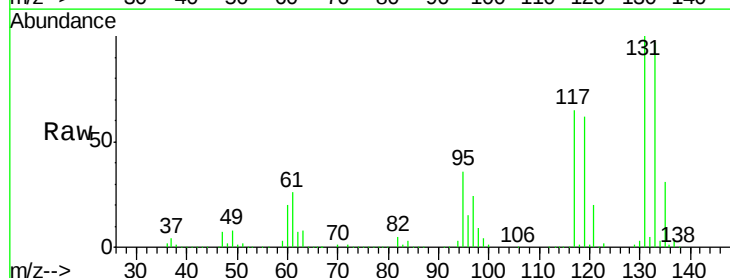
Tgt Ion:131 Resp: 157678

Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.8

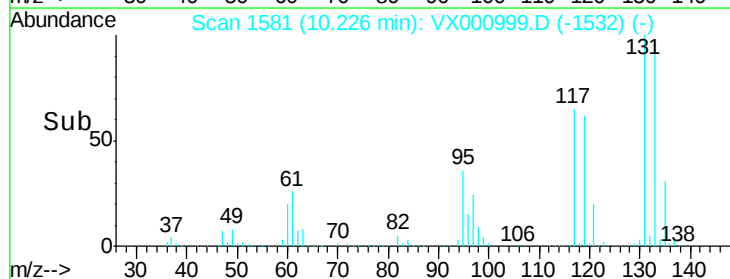
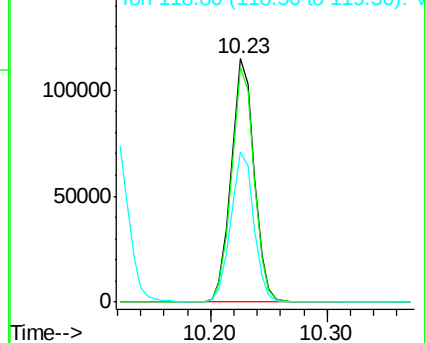
119 61.9 31.1 93.2

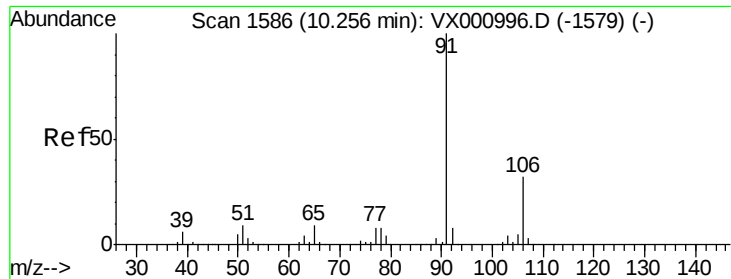


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

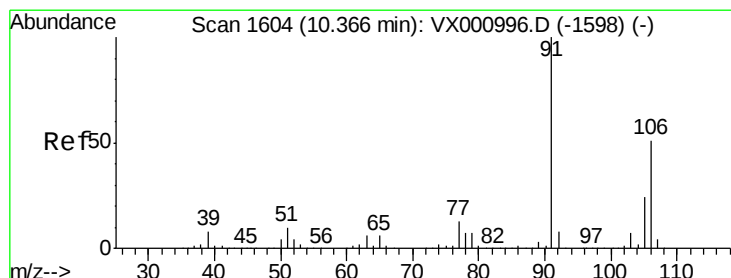
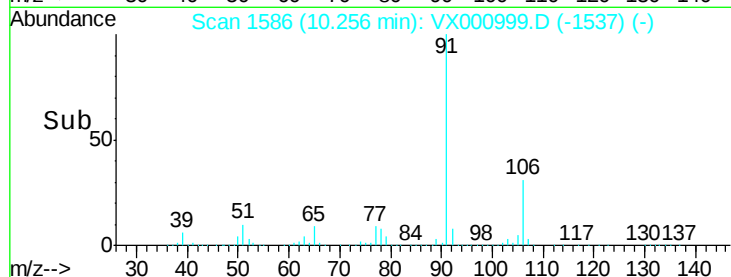
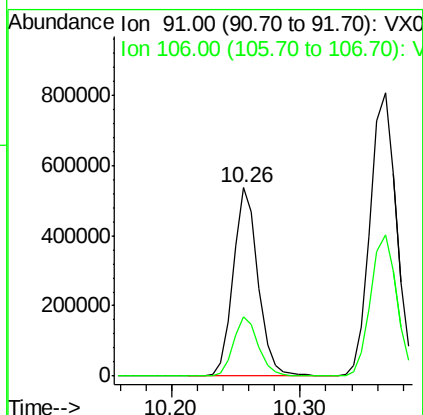
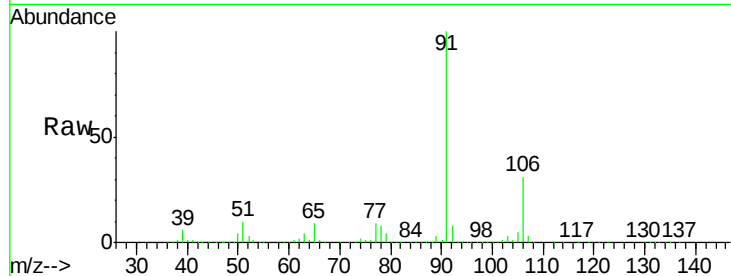




#67
Ethyl Benzene
Concen: 50.05 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

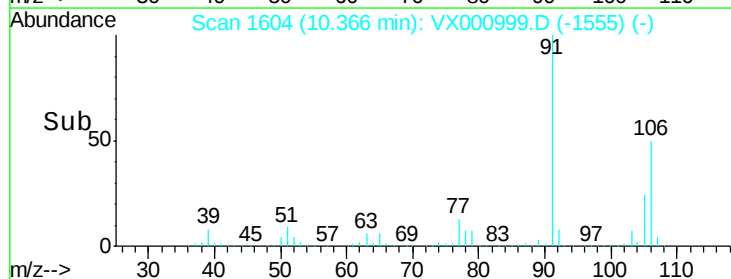
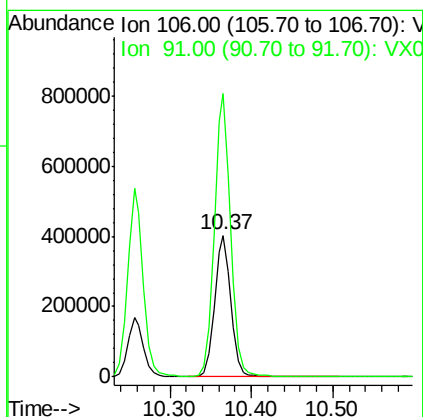
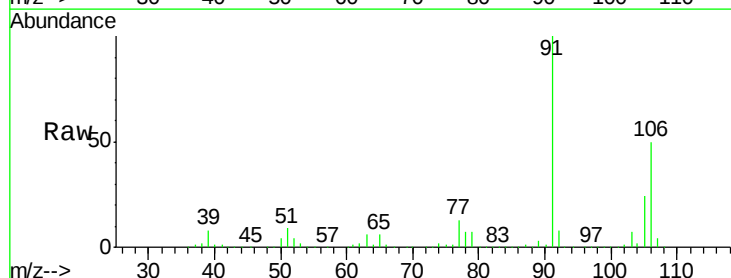
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

Tgt Ion: 91 Resp: 725008
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 99.88 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Tgt Ion: 106 Resp: 570227
Ion Ratio Lower Upper
106 100
91 199.7 159.3 238.9

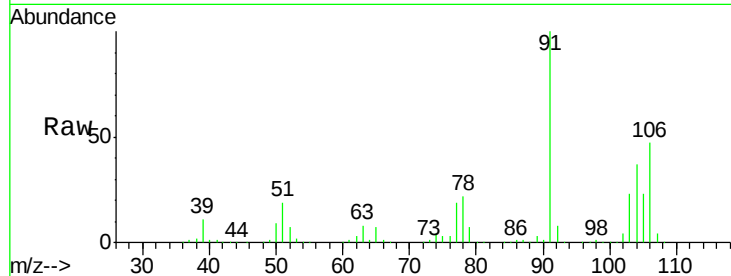




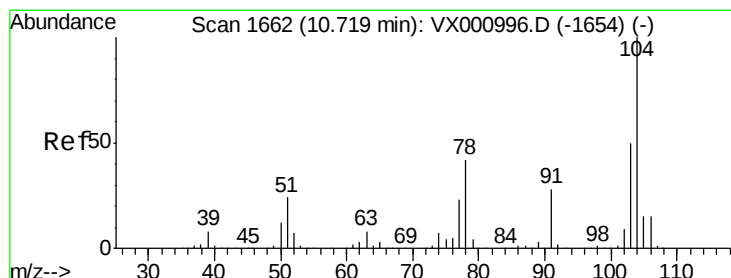
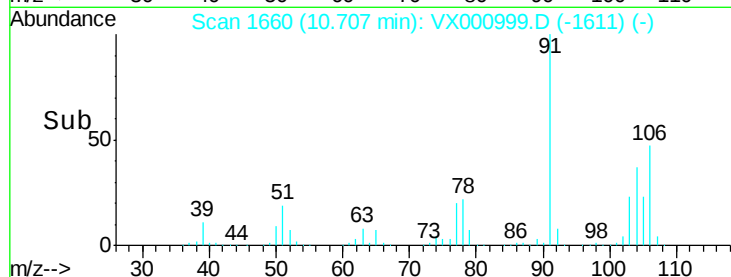
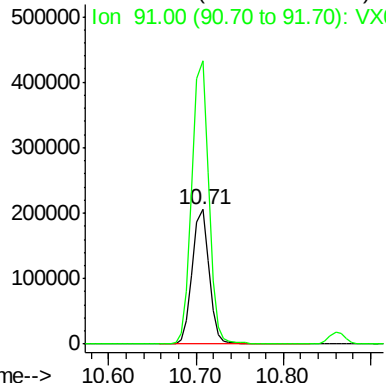
#69
o-Xylene
Concen: 49.60 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

Tgt Ion:106 Resp: 273001
Ion Ratio Lower Upper
106 100
91 212.5 105.1 315.1

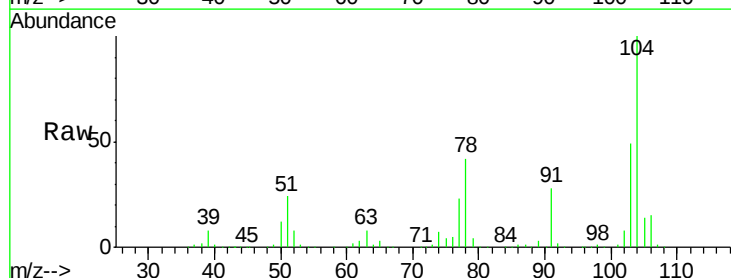


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

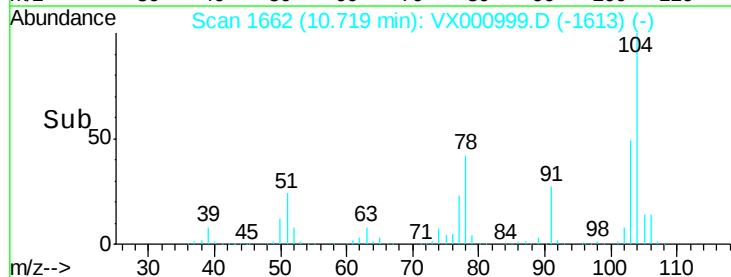
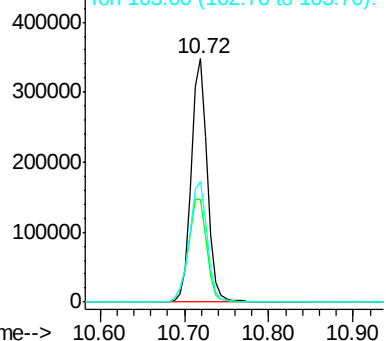


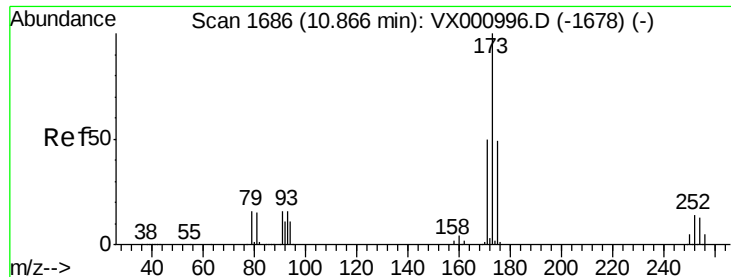
#70
Styrene
Concen: 50.99 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Tgt Ion:104 Resp: 462237
Ion Ratio Lower Upper
104 100
78 48.7 39.4 59.2
103 54.9 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: 49.27 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

ICVVX041918

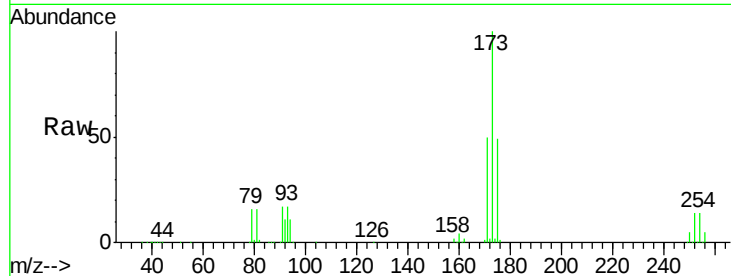
Tgt Ion:173 Resp: 137218

Ion Ratio Lower Upper

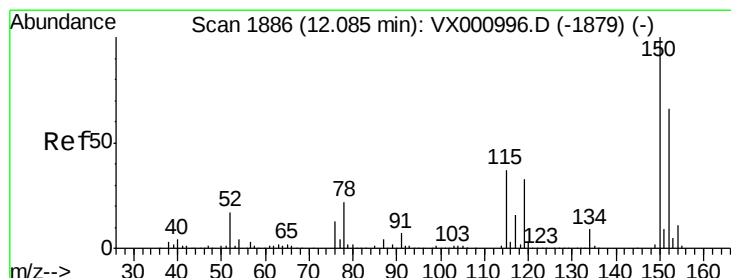
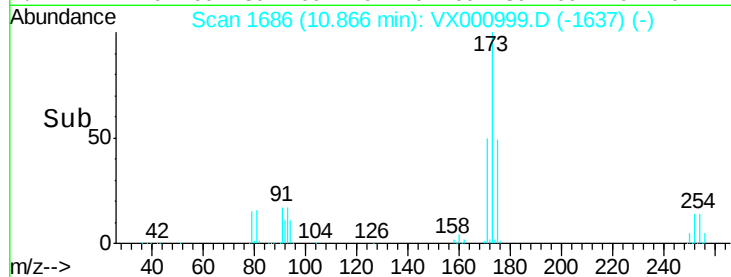
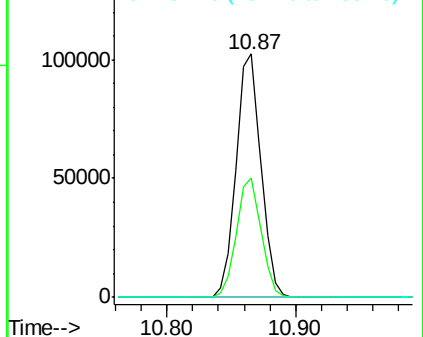
173 100

175 48.7 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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

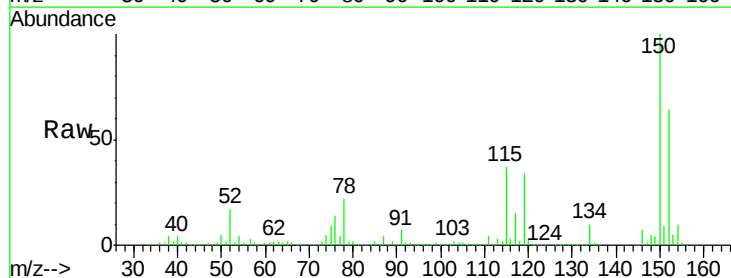
Tgt Ion:152 Resp: 228065

Ion Ratio Lower Upper

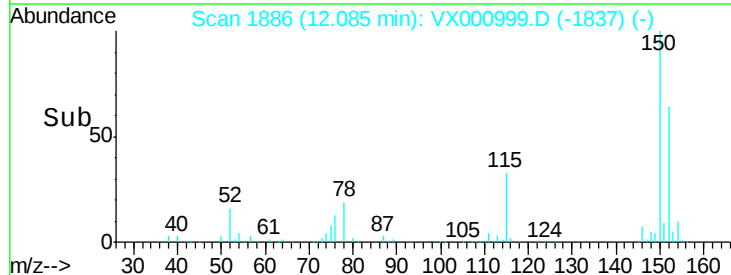
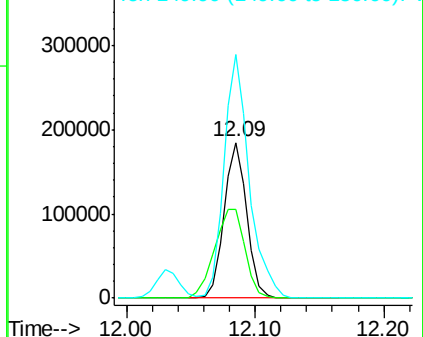
152 100

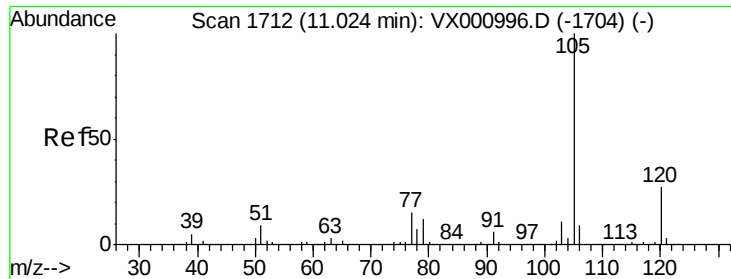
115 76.5 38.2 114.6

150 174.0 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: 50.03 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

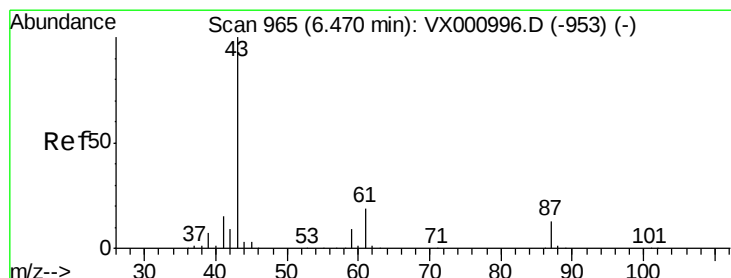
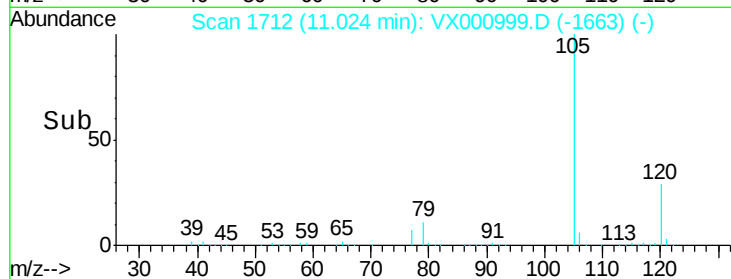
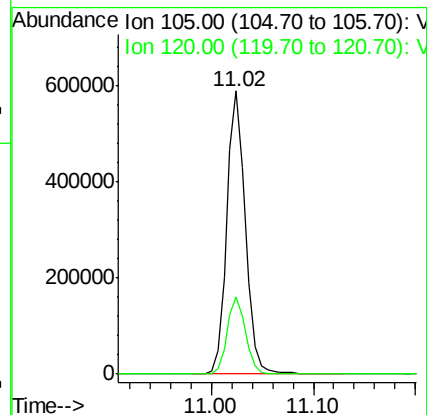
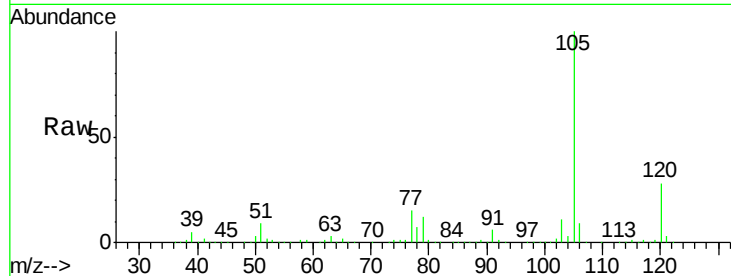
ICVVX041918

Tgt Ion: 105 Resp: 746009

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 51.00 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Tgt Ion: 43 Resp: 325313

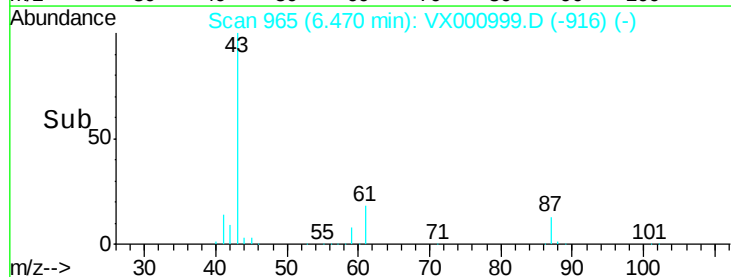
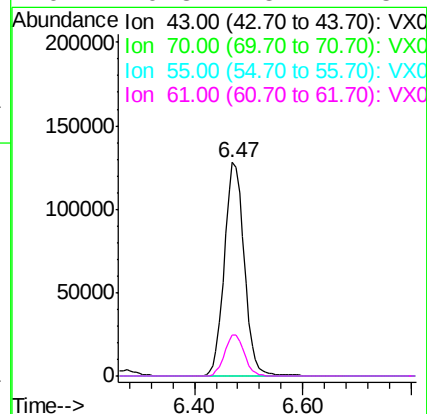
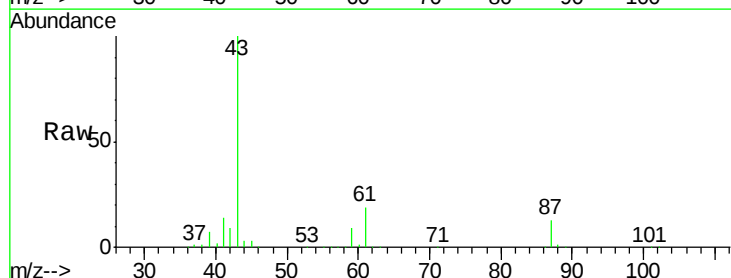
Ion Ratio Lower Upper

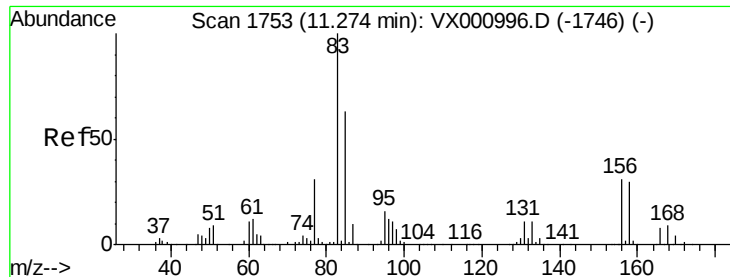
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.3 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.53 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041918

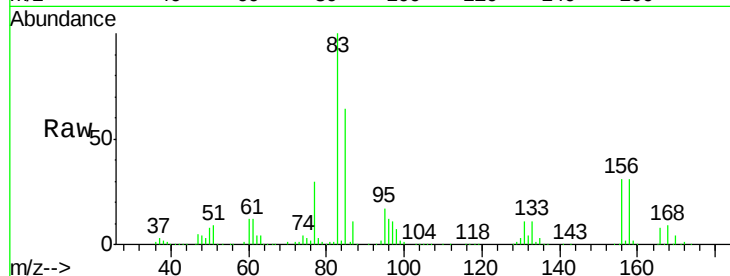
Tgt Ion: 83 Resp: 217487

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.4

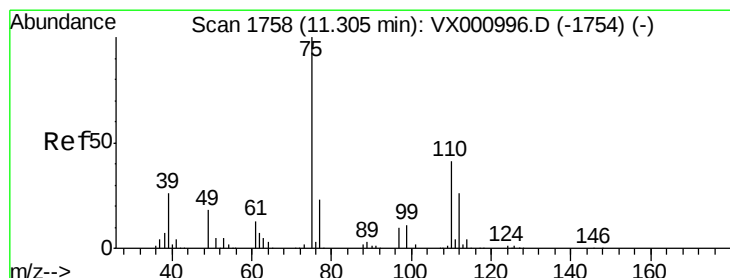
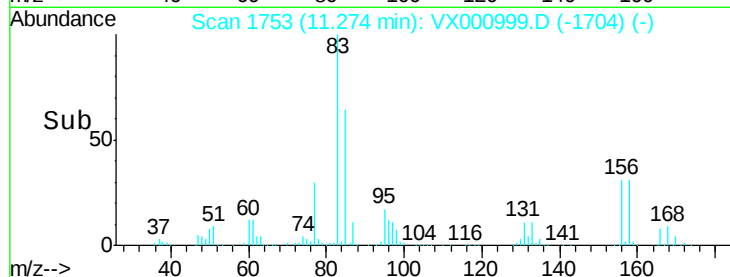
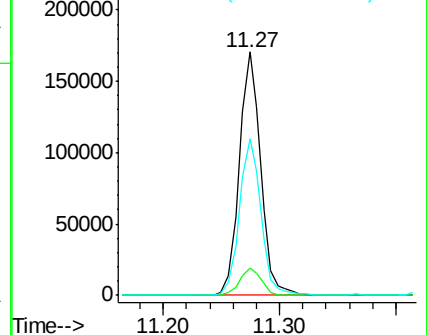
85 65.0 32.0 96.2



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: 63.32 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000999.D

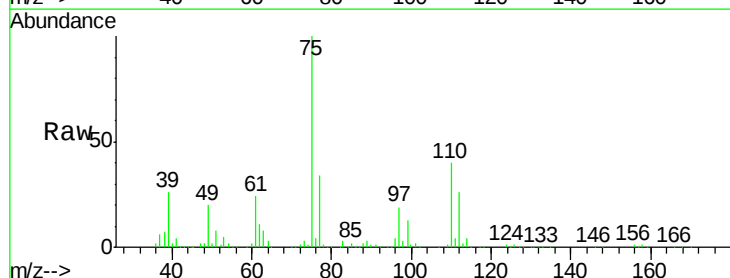
Acq: 19 Apr 2018 19:45

Tgt Ion: 75 Resp: 250531

Ion Ratio Lower Upper

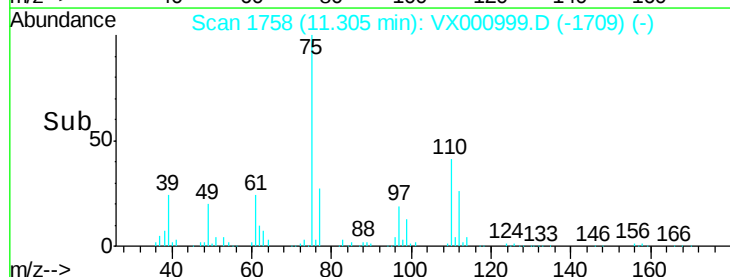
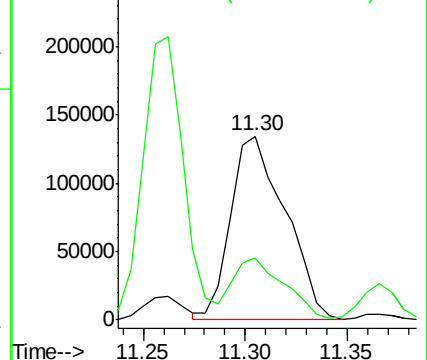
75 100

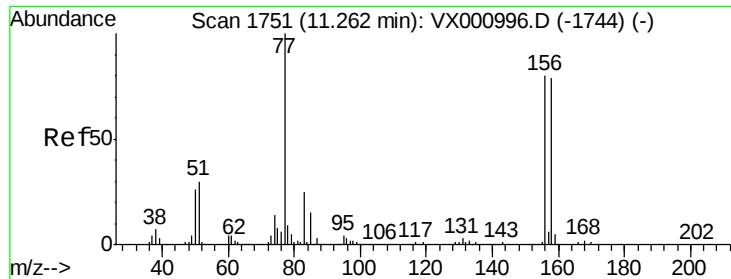
77 31.4 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.64 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041918

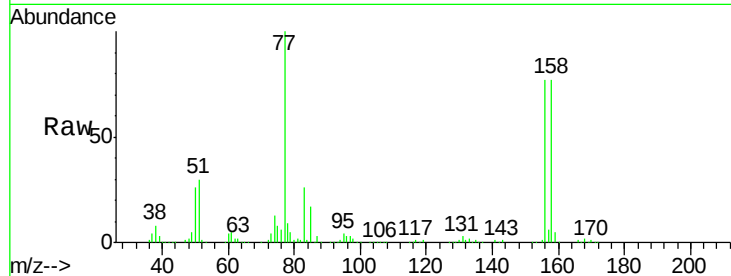
Tgt Ion: 156 Resp: 214829

Ion Ratio Lower Upper

156 100

77 133.0 66.3 199.0

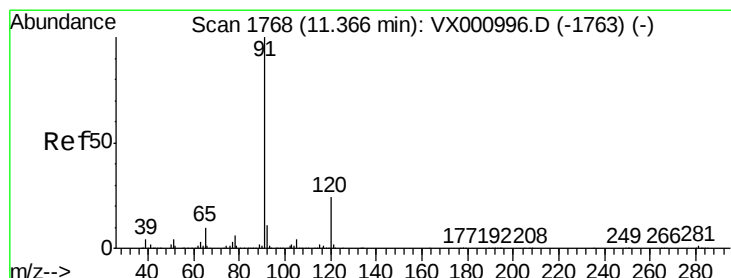
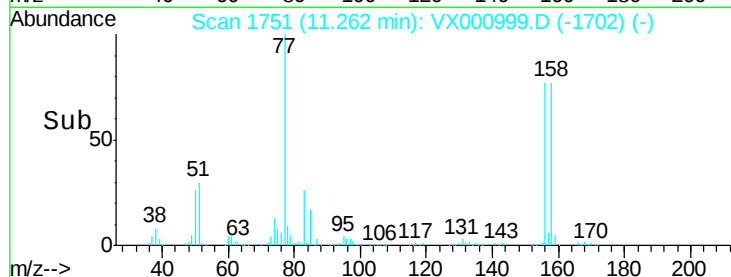
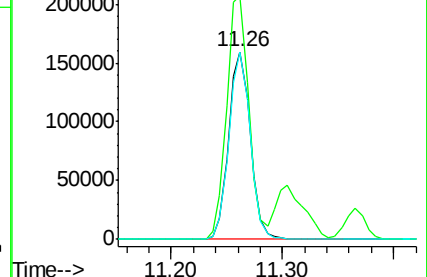
158 98.2 48.9 146.6



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: 49.58 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000999.D

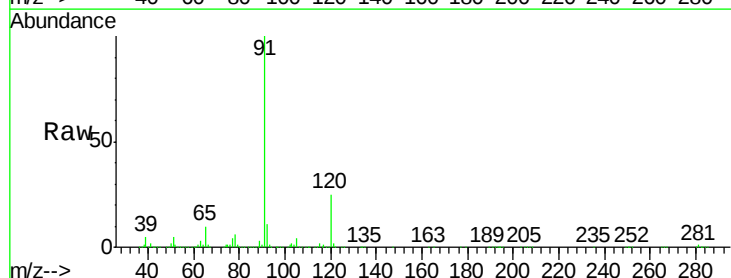
Acq: 19 Apr 2018 19:45

Tgt Ion: 91 Resp: 848668

Ion Ratio Lower Upper

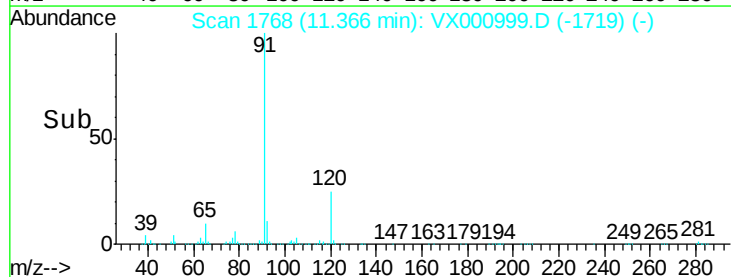
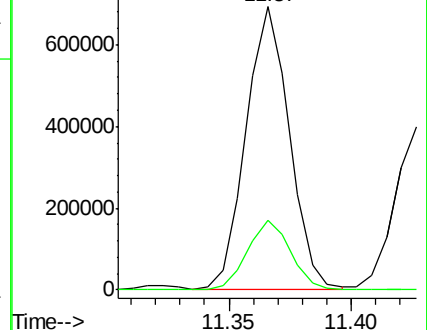
91 100

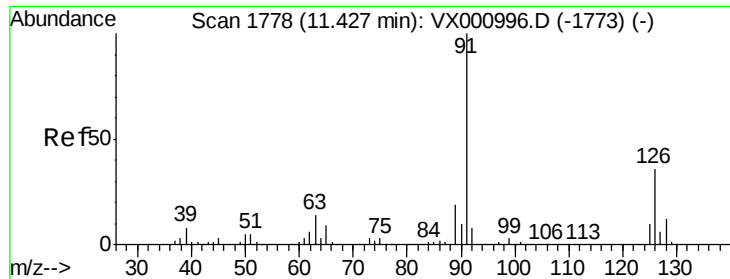
120 24.8 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.31 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

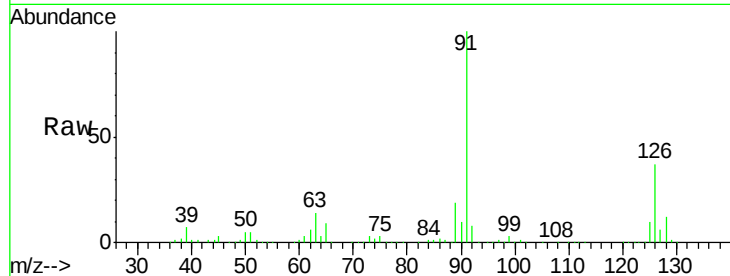
ICVVX041918

Tgt Ion: 91 Resp: 498722

Ion Ratio Lower Upper

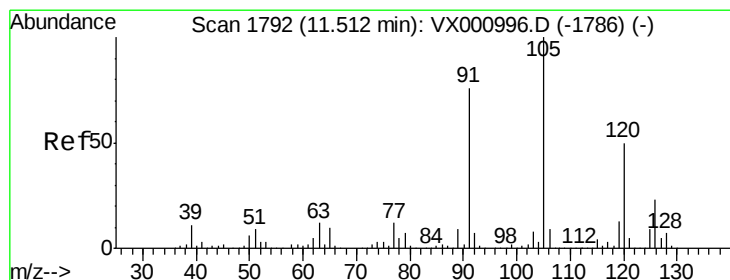
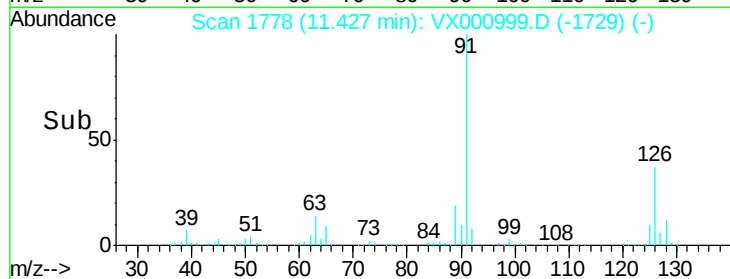
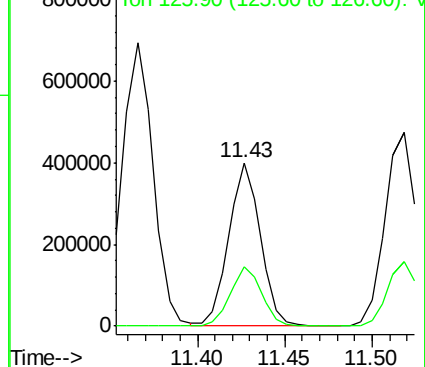
91 100

126 36.7 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.14 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000999.D

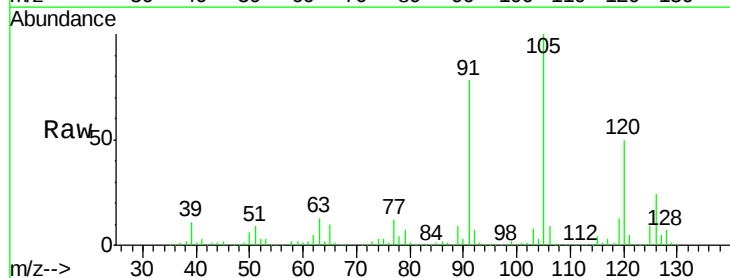
Acq: 19 Apr 2018 19:45

Tgt Ion: 105 Resp: 633676

Ion Ratio Lower Upper

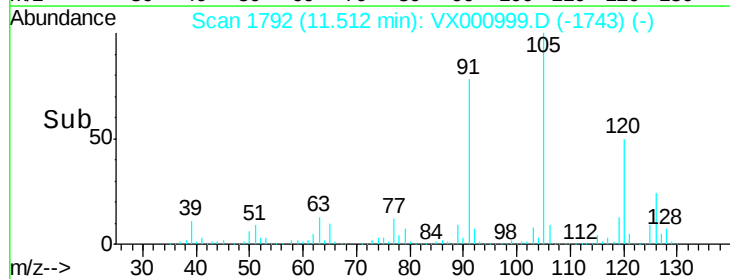
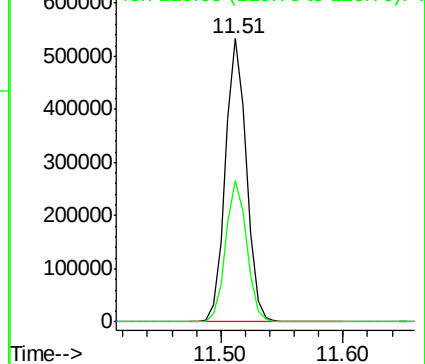
105 100

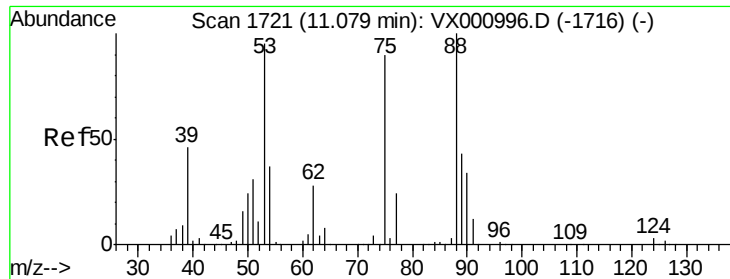
120 50.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.55 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041918

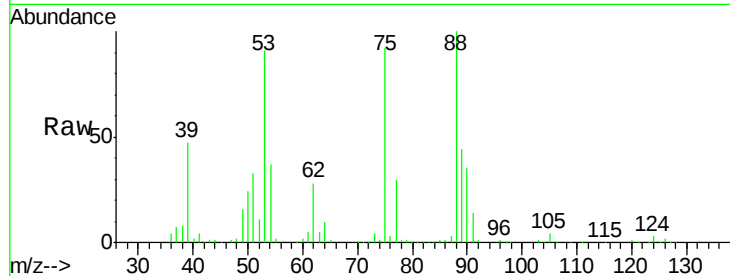
Tgt Ion: 75 Resp: 62469

Ion Ratio Lower Upper

75 100

53 99.2 83.4 125.2

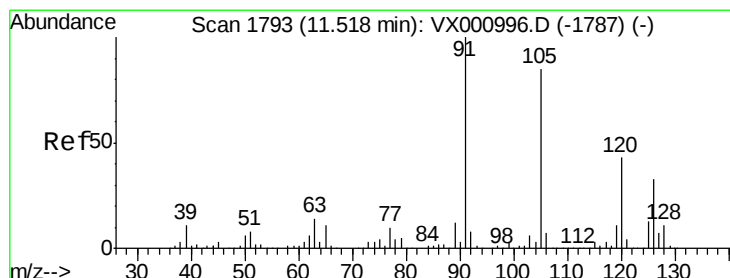
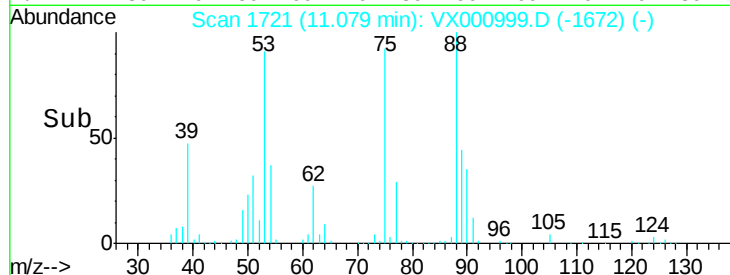
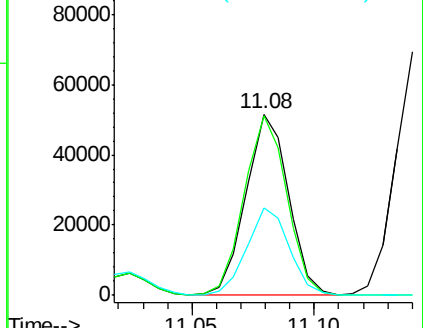
89 48.5 39.7 59.5



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: 49.16 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000999.D

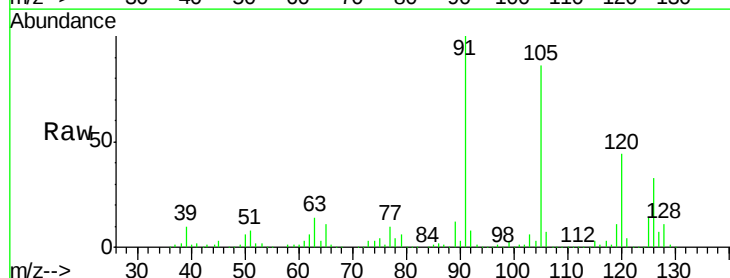
Acq: 19 Apr 2018 19:45

Tgt Ion: 91 Resp: 600844

Ion Ratio Lower Upper

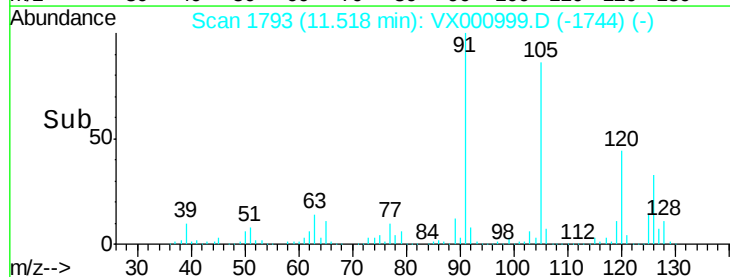
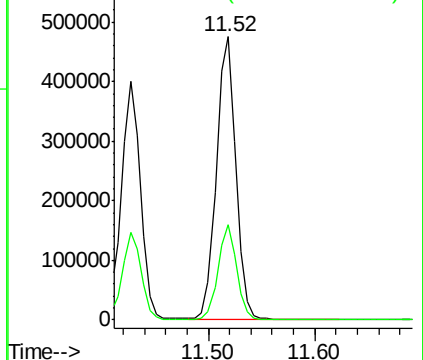
91 100

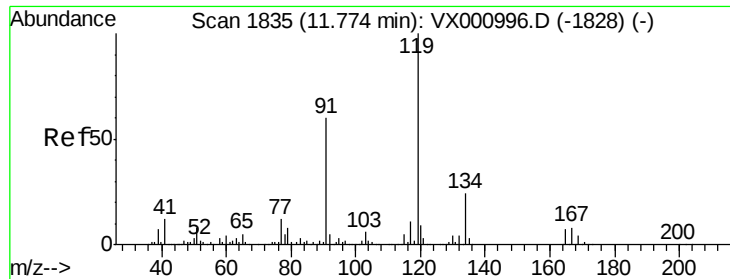
126 32.2 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

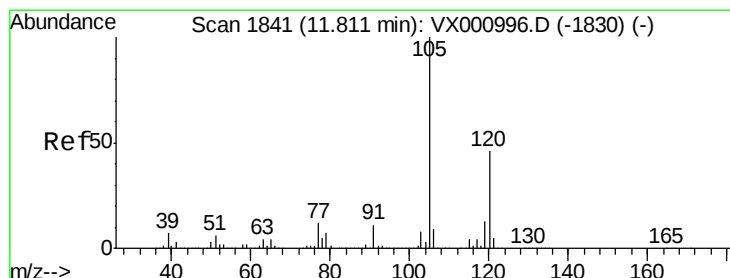
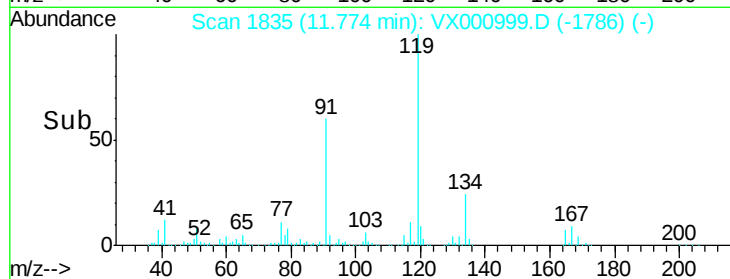
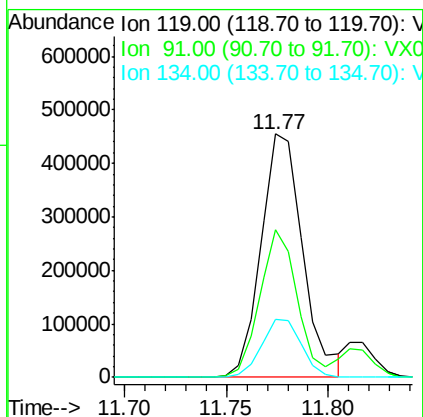
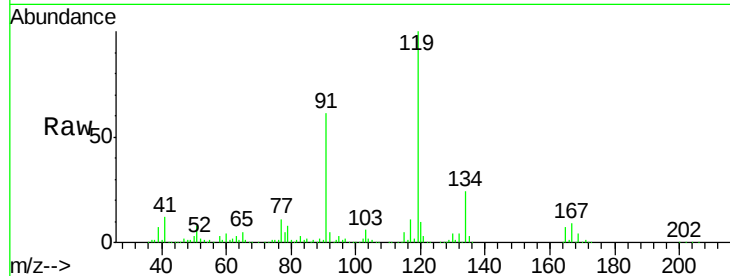




#83
 tert-Butylbenzene
 Concen: 50.84 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

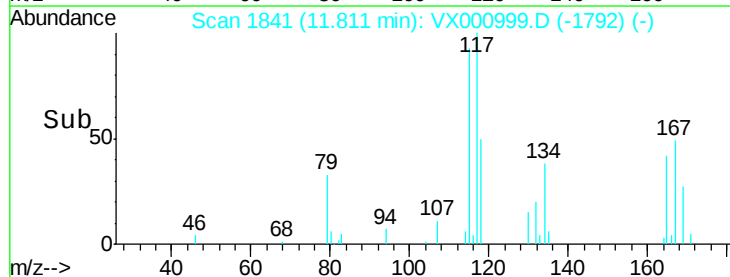
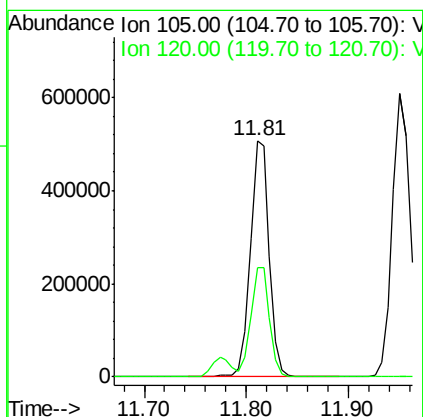
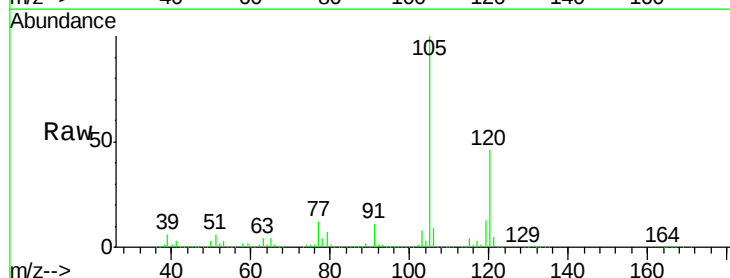
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041918

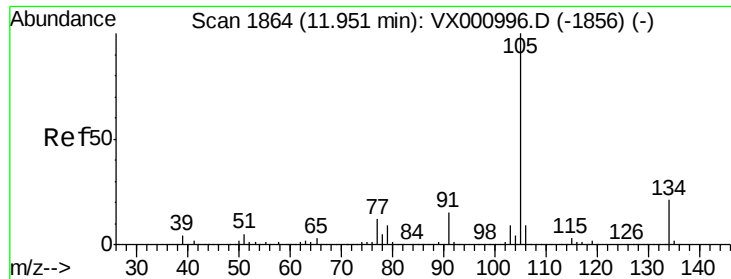
Tgt Ion:119 Resp: 648221
 Ion Ratio Lower Upper
 119 100
 91 54.4 27.0 81.0
 134 23.0 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.31 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

Tgt Ion:105 Resp: 654360
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0

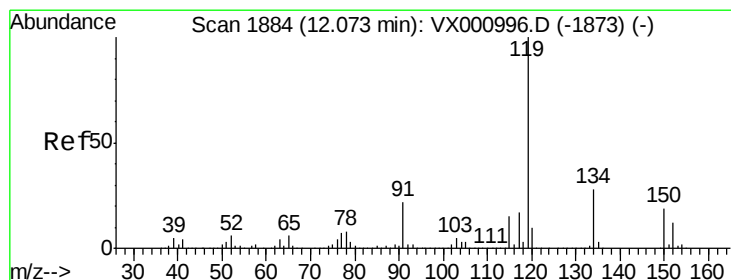
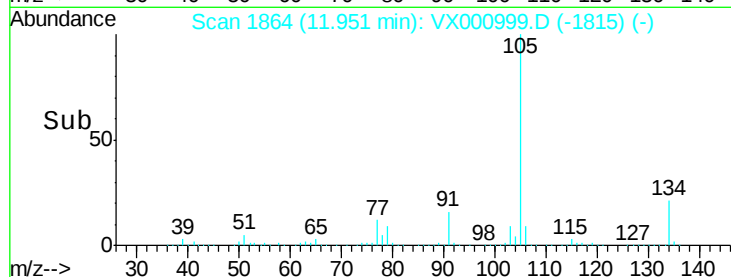
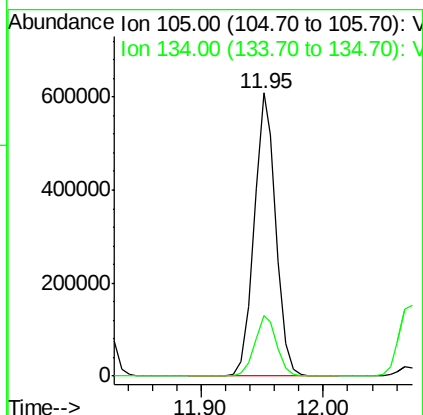
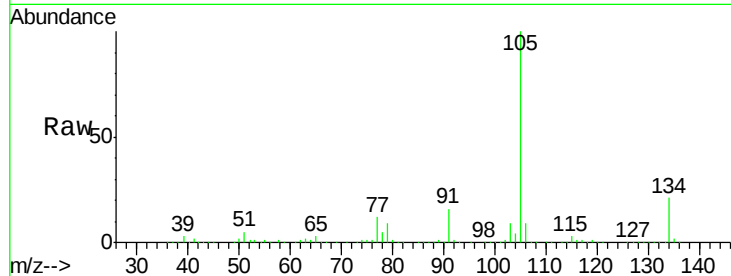




#85
 sec-Butylbenzene
 Concen: 49.49 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

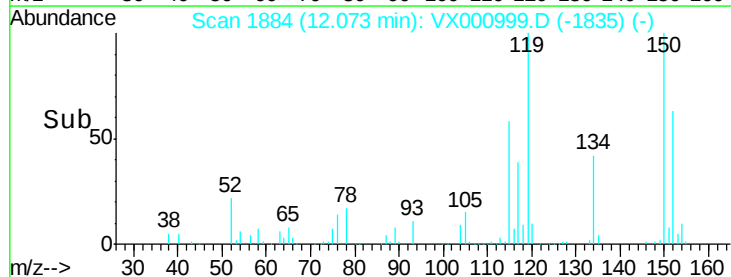
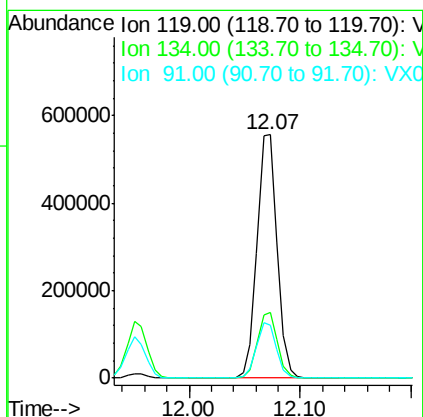
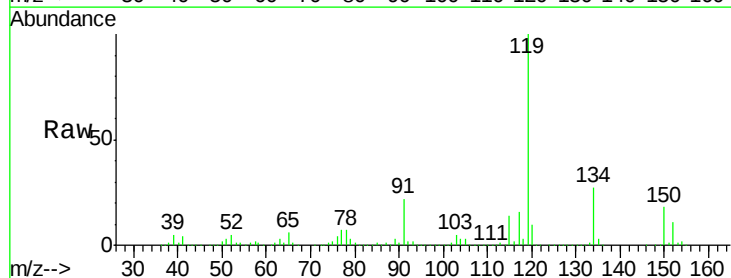
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041918

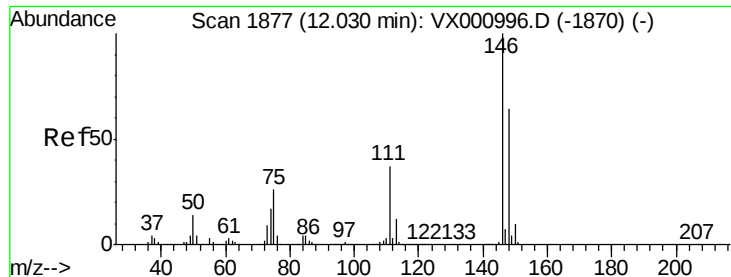
Tgt Ion:105 Resp: 753278
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 50.06 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000999.D
 Acq: 19 Apr 2018 19:45

Tgt Ion:119 Resp: 704756
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.5
 91 22.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 49.17 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041918

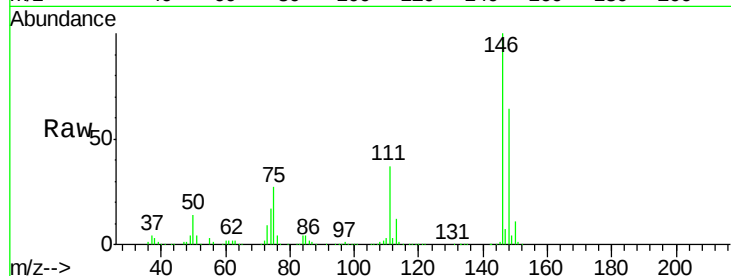
Tgt Ion:146 Resp: 398411

Ion Ratio Lower Upper

146 100

111 36.6 18.3 54.8

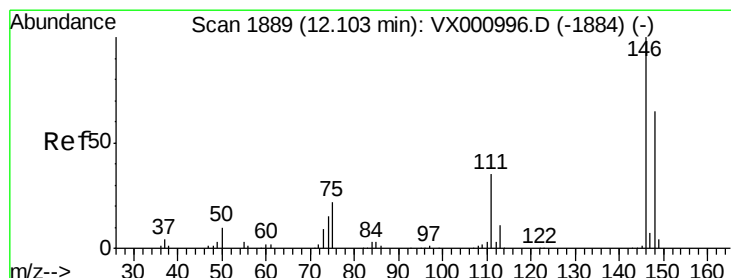
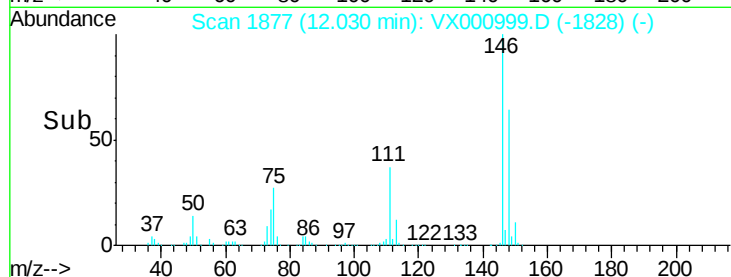
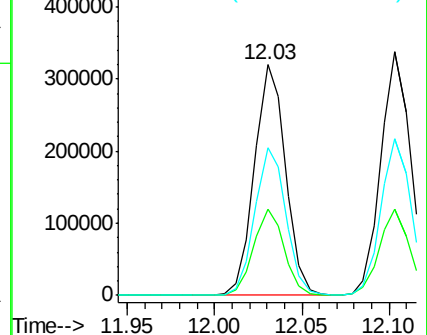
148 64.2 32.2 96.6



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: 48.52 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

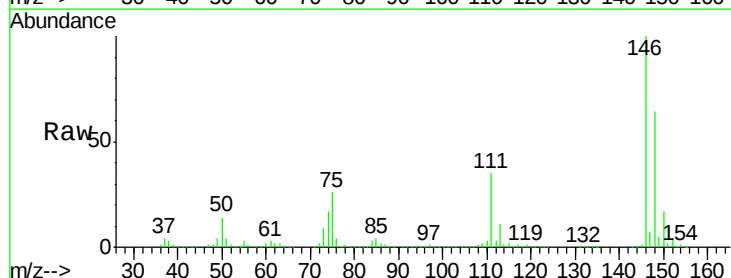
Tgt Ion:146 Resp: 403500

Ion Ratio Lower Upper

146 100

111 35.8 18.0 54.0

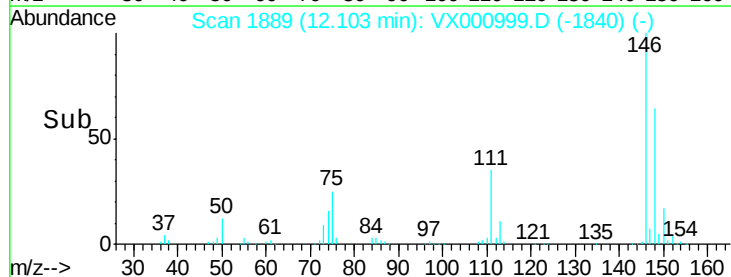
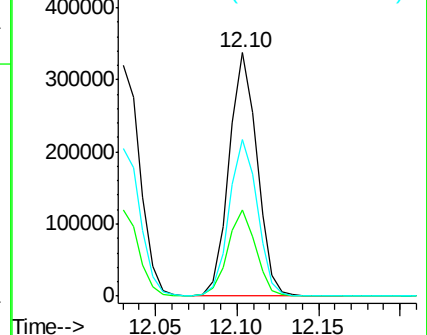
148 64.6 32.4 97.0

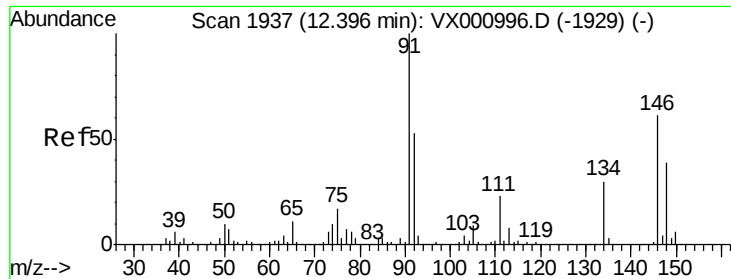


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

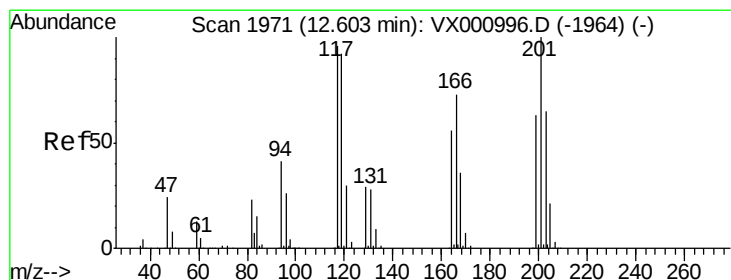
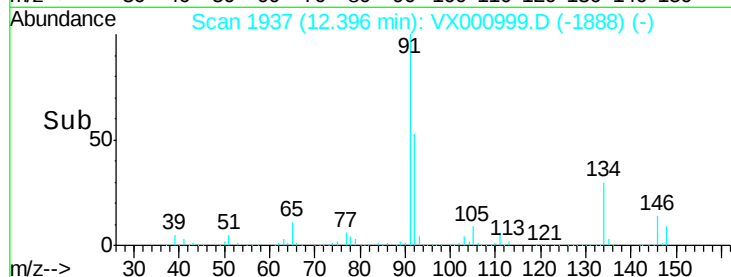
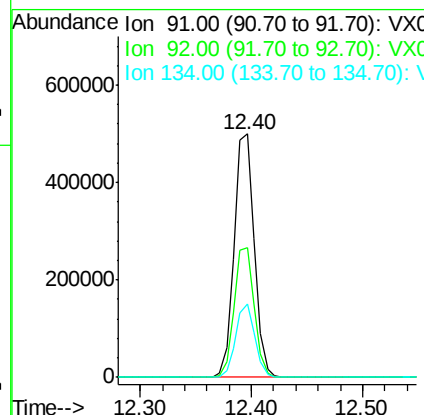
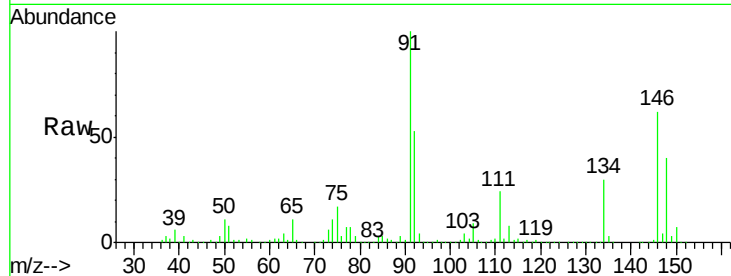




#89
n-Butylbenzene
Concen: 49.62 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

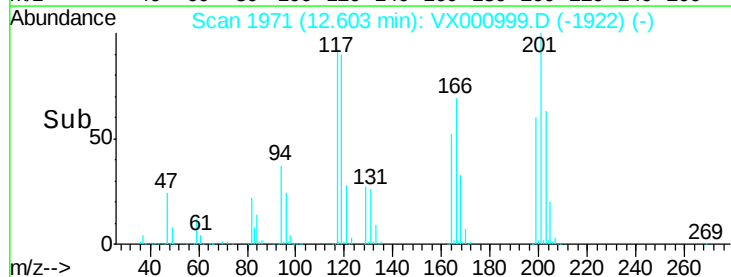
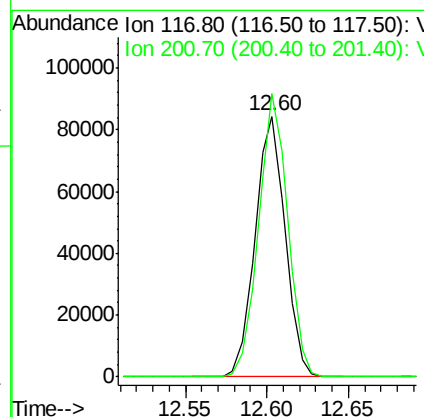
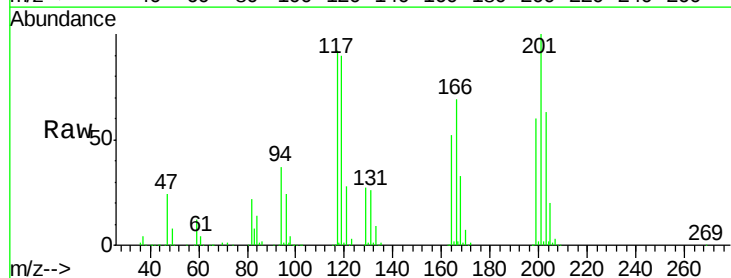
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

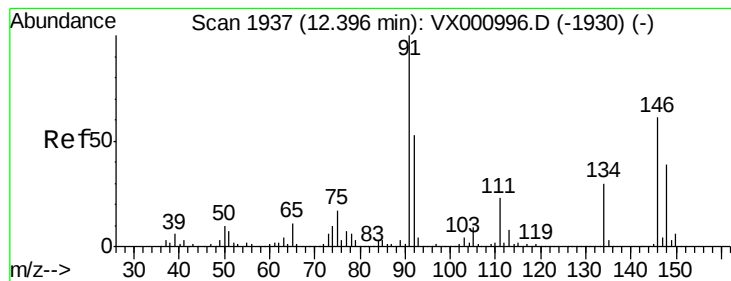
Tgt Ion: 91 Resp: 621529
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 28.9 14.4 43.0



#90
Hexachloroethane
Concen: 54.18 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Tgt Ion: 117 Resp: 108088
Ion Ratio Lower Upper
117 100
201 105.5 52.3 157.1





#91

1,2-Dichlorobenzene

Concen: 49.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041918

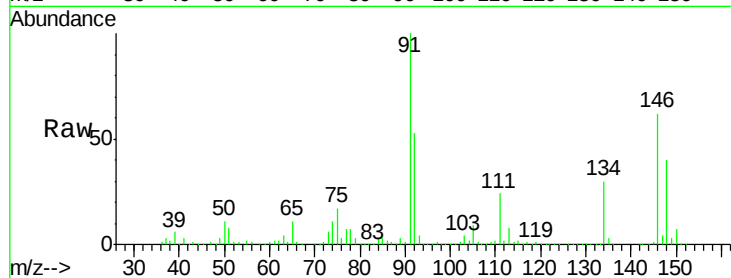
Tgt Ion:146 Resp: 387217

Ion Ratio Lower Upper

146 100

111 37.9 18.6 56.0

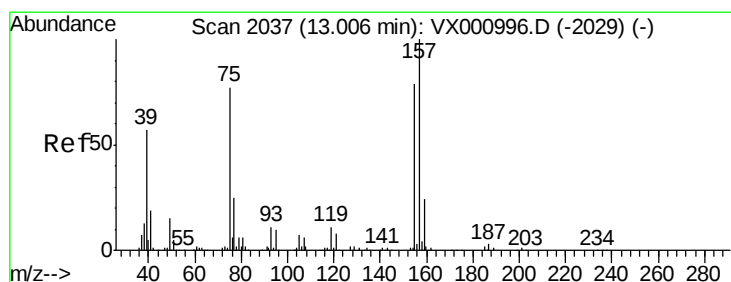
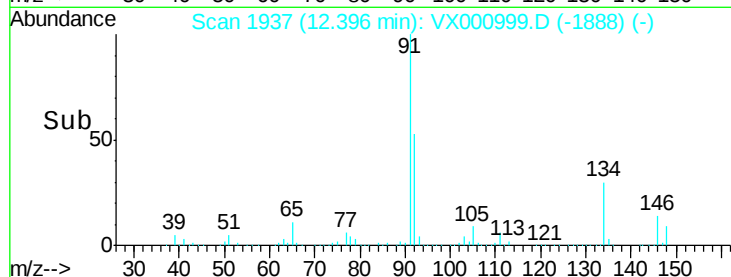
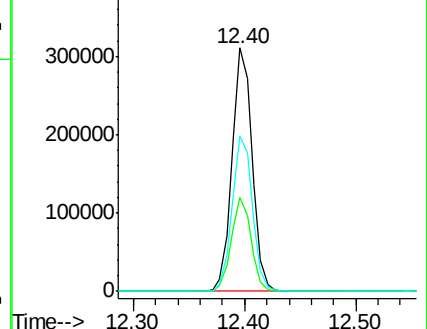
148 64.2 32.3 96.8



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: 54.48 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

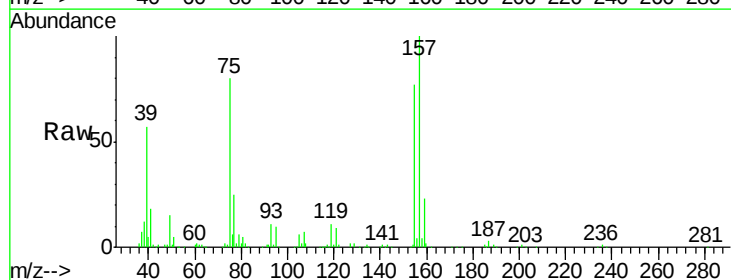
Tgt Ion: 75 Resp: 48171

Ion Ratio Lower Upper

75 100

155 100.0 51.0 153.0

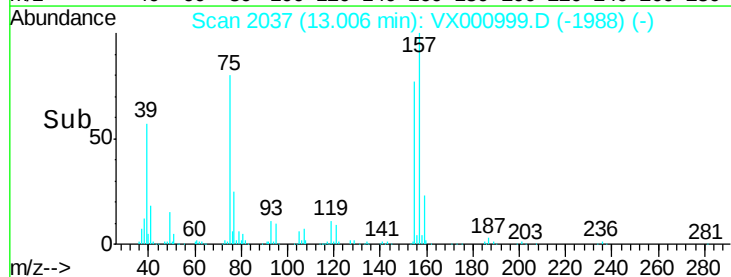
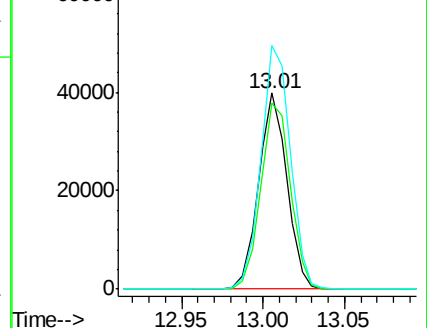
157 129.4 64.9 194.7

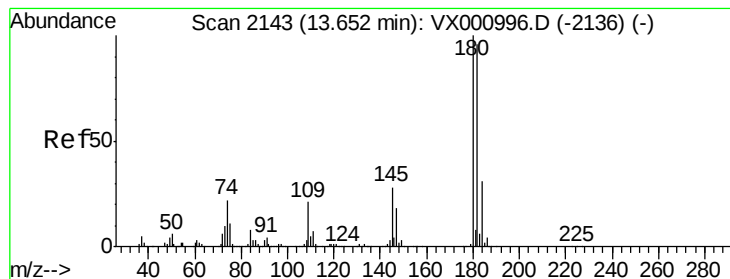


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 49.59 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041918

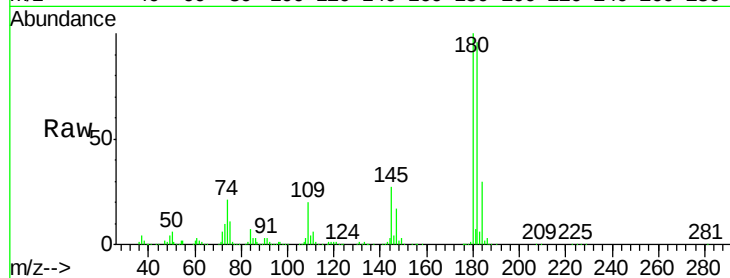
Tgt Ion:180 Resp: 326491

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.0

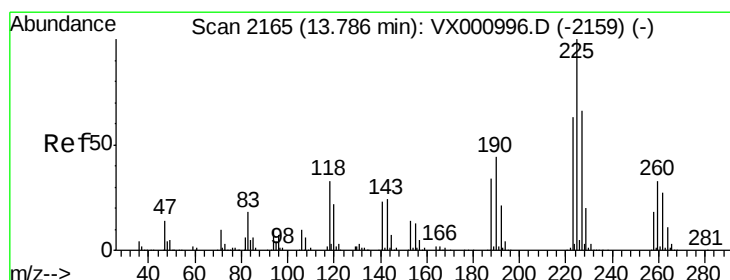
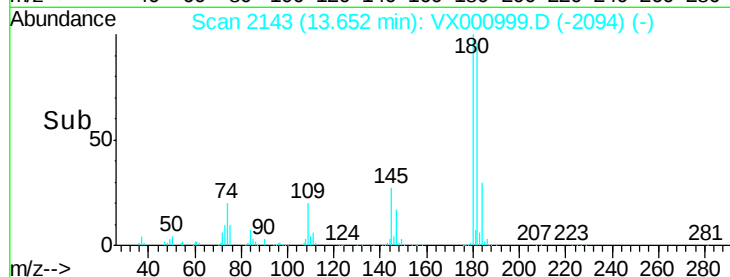
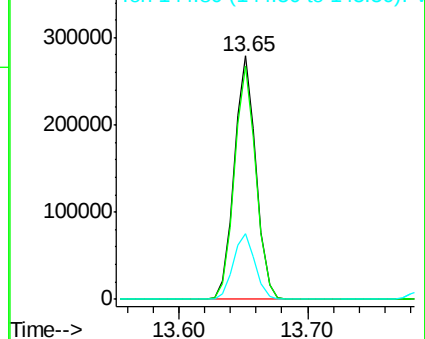
145 27.5 13.9 41.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 50.40 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX000999.D

Acq: 19 Apr 2018 19:45

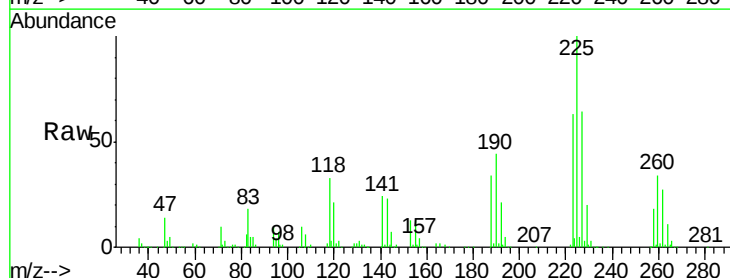
Tgt Ion:225 Resp: 150156

Ion Ratio Lower Upper

225 100

223 62.7 31.5 94.5

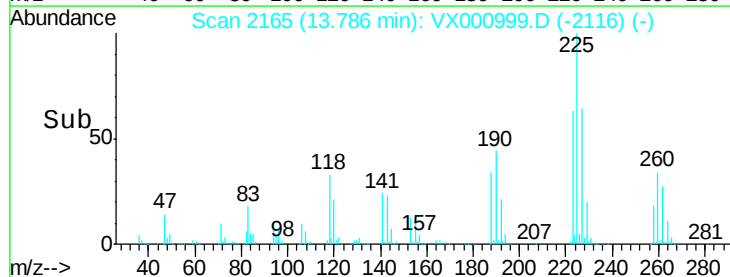
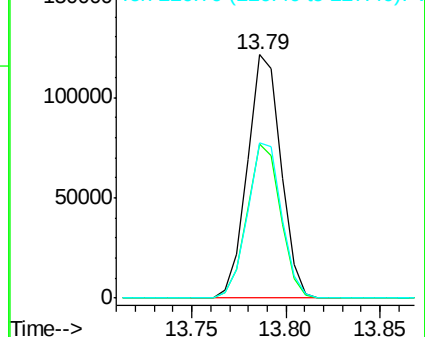
227 64.8 32.6 97.8

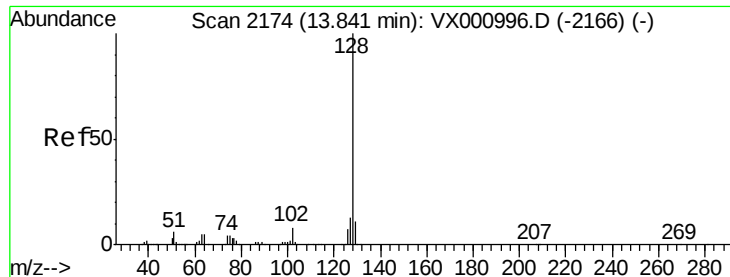


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

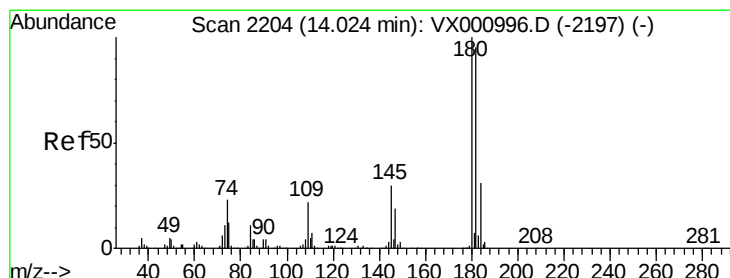
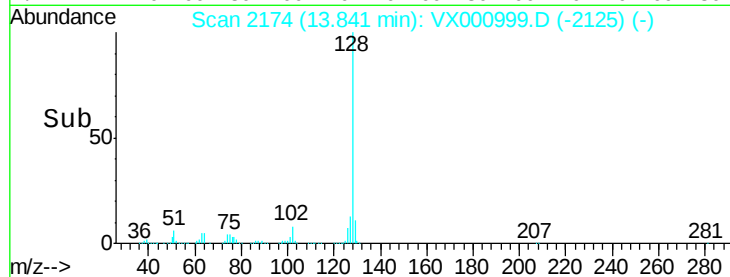
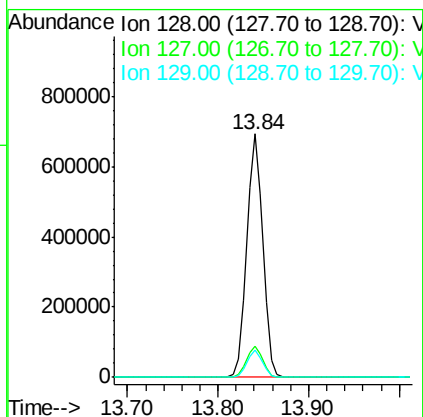
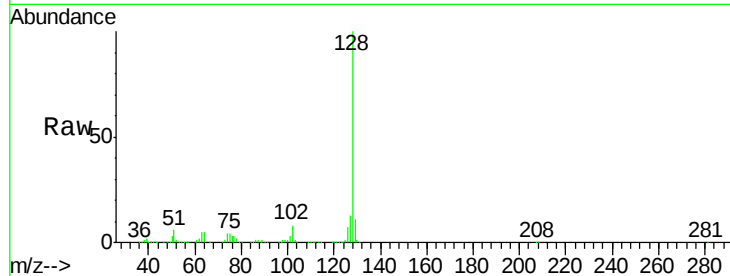




#95
Naphthalene
Concen: 52.21 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041918

Tgt Ion:128 Resp: 845520
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.57 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX000999.D
Acq: 19 Apr 2018 19:45

Tgt Ion:180 Resp: 315671
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.7
145 29.2 14.5 43.6

