

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070918\
 Data File : VX003245.D
 Acq On : 09 Jul 2018 14:49
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070918

Quant Time: Jul 10 03:50:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	213406	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	5.51	113	182025	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	8.72	98	670734	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	253832	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	216771	50.448	ug/l	99
3) Chloromethane	1.32	50	176010	45.052	ug/l	99
4) Vinyl Chloride	1.40	62	188724	47.065	ug/l	99
5) Bromomethane	1.64	94	65570	55.375	ug/l	99
6) Chloroethane	1.71	64	108751	48.950	ug/l	99
7) Trichlorofluoromethane	1.92	101	285835	47.954	ug/l	96
8) Diethyl Ether	2.19	74	101765	47.230	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	164410	47.109	ug/l	95
10) Methyl Iodide	2.51	142	122934	33.948	ug/l	97
11) Tert butyl alcohol	3.08	59	191913	237.982	ug/l	100
12) 1,1-Dichloroethene	2.37	96	147780	46.526	ug/l	93
13) Acrolein	2.29	56	139142	214.120	ug/l	100
14) Allyl chloride	2.73	41	282567	48.031	ug/l	94
15) Acrylonitrile	3.15	53	417172	231.673	ug/l	99
16) Acetone	2.45	43	377728	239.192	ug/l	95
17) Carbon Disulfide	2.57	76	421203	47.722	ug/l	99
18) Methyl Acetate	2.78	43	218762	49.105	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	497881	46.930	ug/l	100
20) Methylene Chloride	2.85	84	160336	49.540	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	158411	46.788	ug/l	93
22) Diisopropyl ether	3.87	45	514590	42.994	ug/l	96
23) Vinyl Acetate	3.82	43	2258225	222.231	ug/l	99
24) 1,1-Dichloroethane	3.70	63	286485	45.988	ug/l	98
25) 2-Butanone	4.71	43	651866	233.281	ug/l	97
26) 2,2-Dichloropropane	4.58	77	262354	48.149	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	187653	45.098	ug/l	94
28) Bromochloromethane	5.02	49	141546	45.097	ug/l	88
29) Tetrahydrofuran	5.17	42	414801	228.708	ug/l	96
30) Chloroform	5.21	83	312296	45.574	ug/l	97
31) Cyclohexane	5.57	56	276549	47.407	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	282111	46.667	ug/l	98
36) 1,1-Dichloropropene	5.80	75	239615	48.581	ug/l	99
37) Ethyl Acetate	4.87	43	248543	45.964	ug/l	98
38) Carbon Tetrachloride	5.78	117	259313	48.060	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	287328	49.447	ug/l	95
40) Benzene	6.15	78	687408	47.029	ug/l	100
41) Methacrylonitrile	5.07	41	142641	48.184	ug/l	97
42) 1,2-Dichloroethane	6.20	62	248828	45.564	ug/l	98
43) Isopropyl Acetate	6.47	43	405332	47.736	ug/l	97
44) Trichloroethene	7.21	130	209041	48.362	ug/l	98
45) 1,2-Dichloropropane	7.52	63	173712	45.711	ug/l	100
46) Dibromomethane	7.67	93	120319	46.451	ug/l	94
47) Bromodichloromethane	7.90	83	230493	48.226	ug/l	98
48) Methyl methacrylate	7.78	41	212397	48.772	ug/l	93
49) 1,4-Dioxane	7.76	88	86944	954.836	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1299492	245.824	ug/l	97
52) Toluene	8.79	92	444879	48.146	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	281159	49.995	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	260429	50.883	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	178012	46.439	ug/l	96
56) Ethyl methacrylate	9.18	69	263390	50.167	ug/l	92
57) 1,3-Dichloropropane	9.37	76	290059	46.977	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	689456	272.229	ug/l	96
59) 2-Hexanone	9.50	43	1000524	249.187	ug/l	95
60) Dibromochloromethane	9.59	129	198098	49.495	ug/l	99
61) 1,2-Dibromoethane	9.68	107	190744	47.481	ug/l	99
64) Tetrachloroethene	9.34	164	232074	49.436	ug/l	97
65) Chlorobenzene	10.14	112	515083	48.816	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	193187	50.745	ug/l	99
67) Ethyl Benzene	10.26	91	865724	50.734	ug/l	100
68) m/p-Xylenes	10.36	106	684941	103.183	ug/l	97
69) o-Xylene	10.70	106	327481	50.923	ug/l	97
70) Styrene	10.71	104	542908	52.063	ug/l	98
71) Bromoform	10.86	173	159982	51.074	ug/l #	99
73) Isopropylbenzene	11.02	105	895245	50.082	ug/l	99
74) N-amyl acetate	6.47	43	405332	47.532	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	260906	47.057	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	311891	63.742	ug/l	80
77) Bromobenzene	11.26	156	253217	49.063	ug/l	94
78) n-propylbenzene	11.37	91	1013912	51.015	ug/l	98
79) 2-Chlorotoluene	11.43	91	594780	49.122	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	754300	50.676	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	79803	53.305	ug/l	93
82) 4-Chlorotoluene	11.51	91	705171	49.880	ug/l	98
83) tert-Butylbenzene	11.77	119	746480	50.206	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	775839	50.900	ug/l	98
85) sec-Butylbenzene	11.95	105	898008	51.100	ug/l	98
86) p-Isopropyltoluene	12.07	119	827530	51.685	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	461790	48.777	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	464821	48.496	ug/l	99
89) n-Butylbenzene	12.39	91	708380	52.954	ug/l	99
90) Hexachloroethane	12.60	117	124549	50.951	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	455283	47.891	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59211	49.775	ug/l	90

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QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

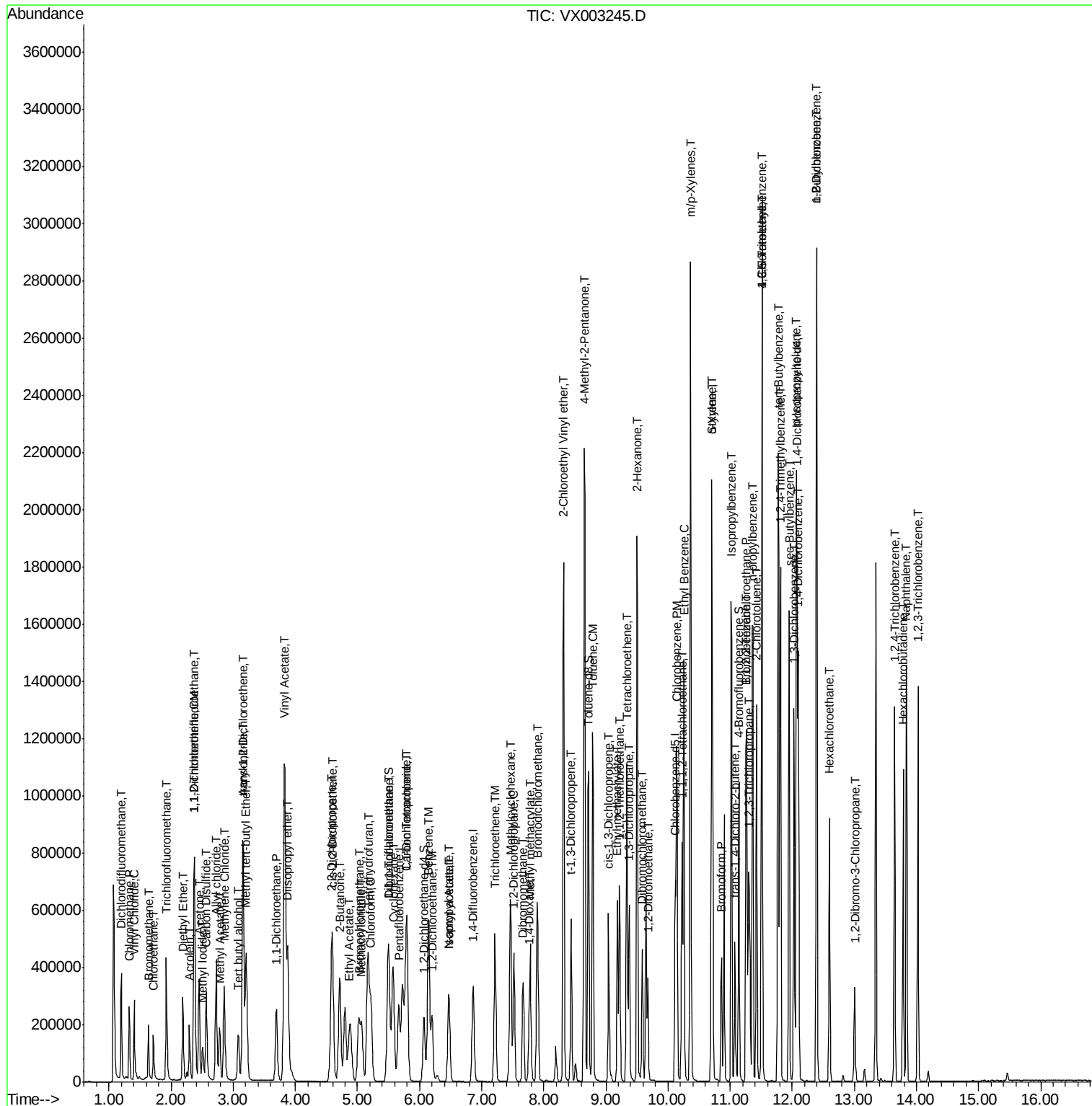
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	351554	50.812	ug/l	99
94) Hexachlorobutadiene	13.79	225	175471	50.943	ug/l	99
95) Naphthalene	13.84	128	933835	51.588	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	351498	50.939	ug/l	99

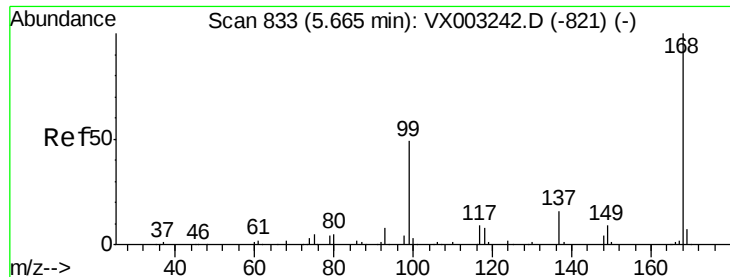
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

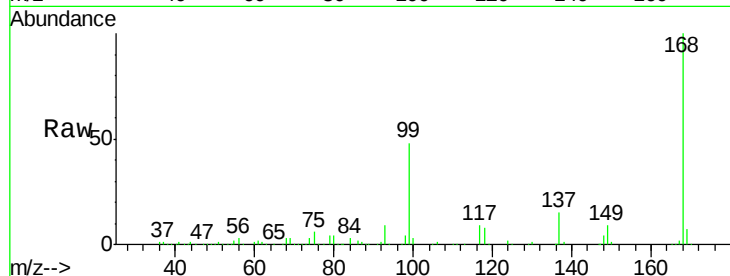
ICVVX070918

Tgt Ion:168 Resp: 282638

Ion Ratio Lower Upper

168 100

99 47.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

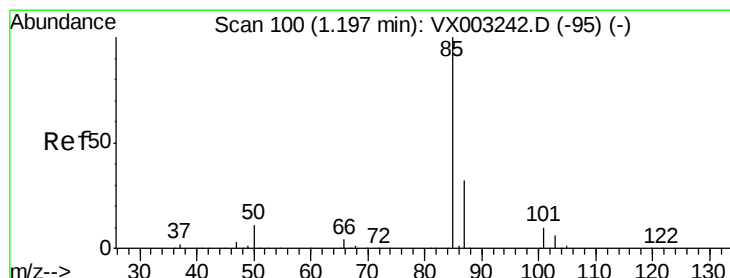
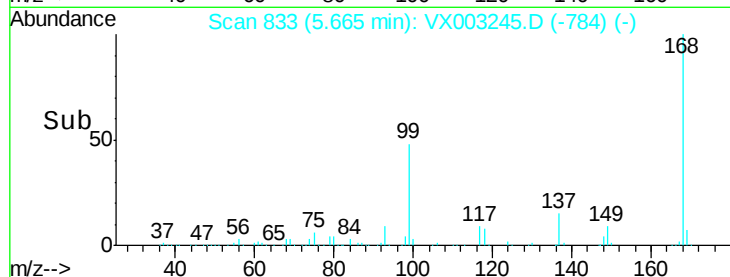
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.448 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003245.D

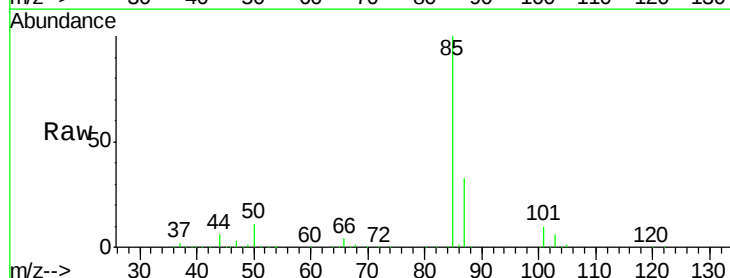
Acq: 09 Jul 2018 14:49

Tgt Ion: 85 Resp: 216771

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

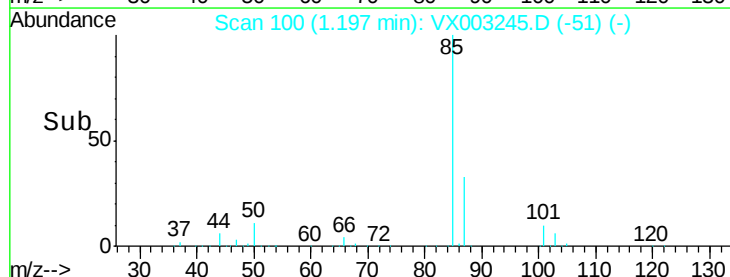
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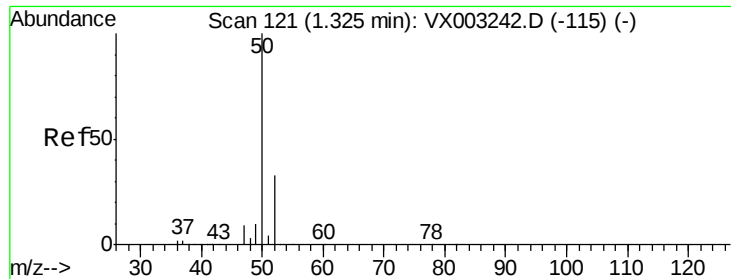
50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 45.052 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

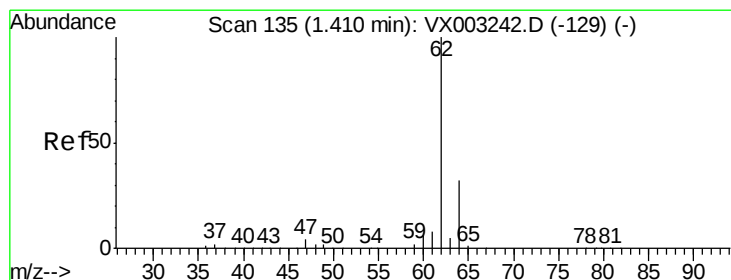
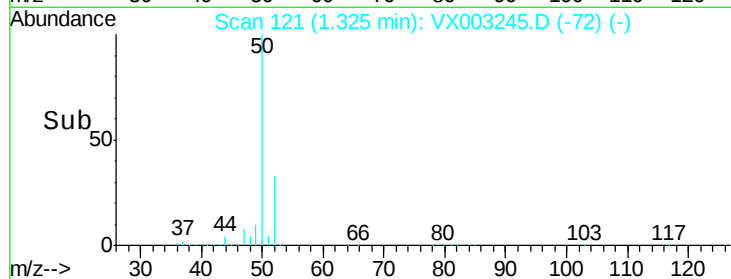
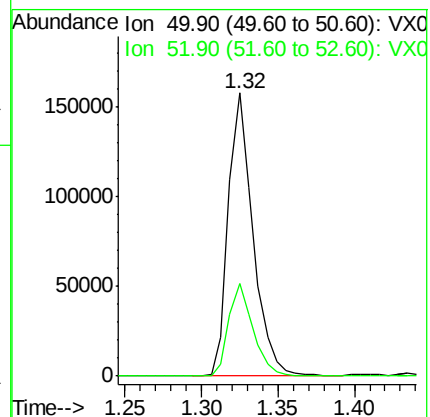
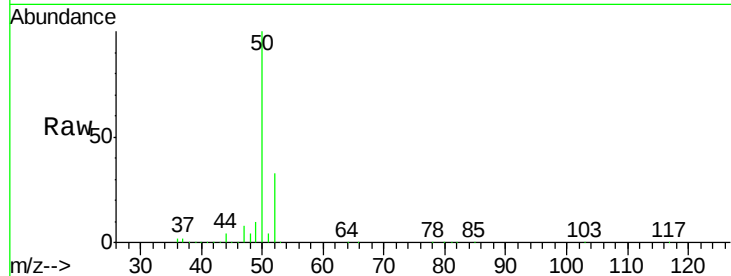
ICVVX070918

Tgt Ion: 50 Resp: 176010

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



#4

Vinyl Chloride

Concen: 47.065 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003245.D

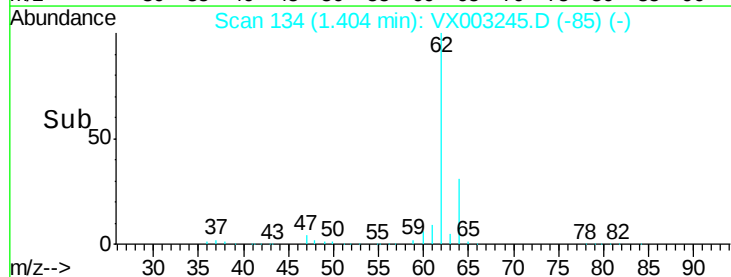
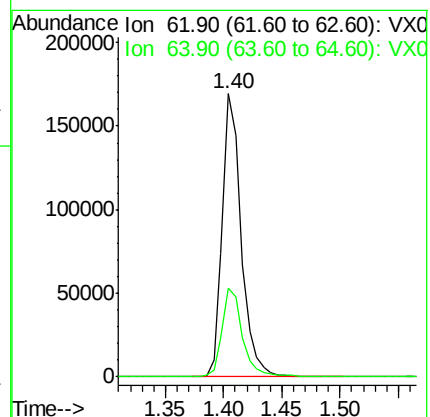
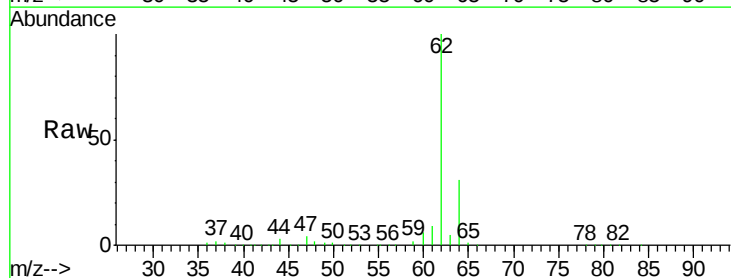
Acq: 09 Jul 2018 14:49

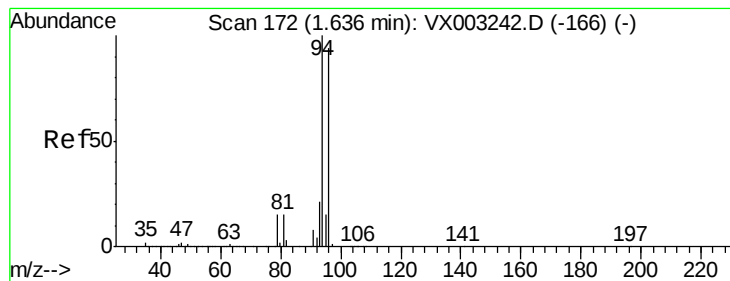
Tgt Ion: 62 Resp: 188724

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 55.375 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

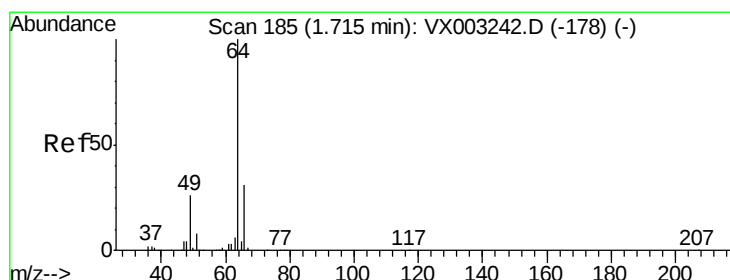
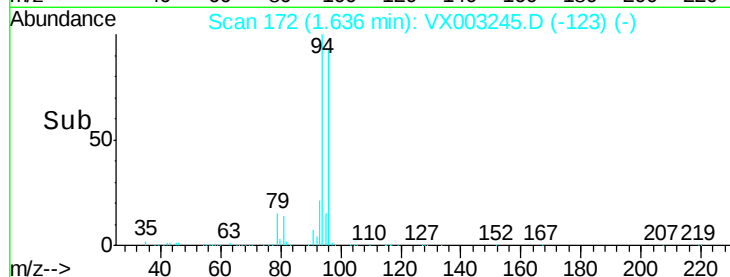
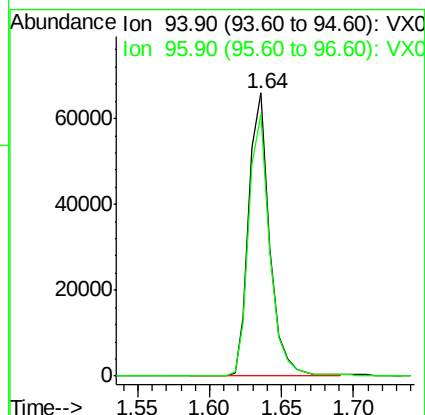
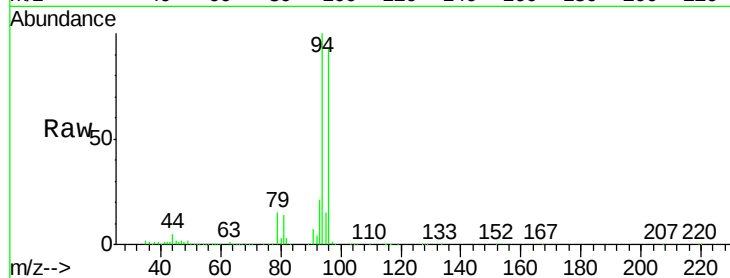
ICVVX070918

Tgt Ion: 94 Resp: 65570

Ion Ratio Lower Upper

94 100

96 92.8 74.9 112.3



#6

Chloroethane

Concen: 48.950 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.01 min

Lab File: VX003245.D

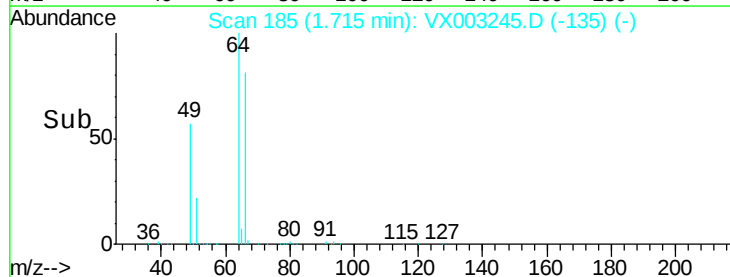
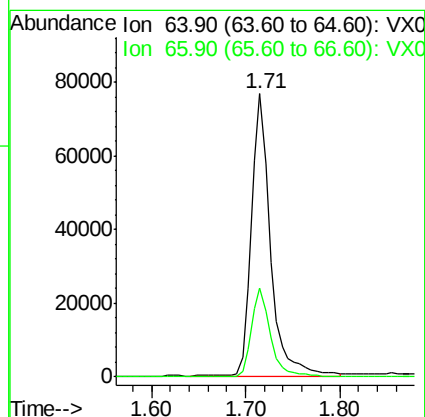
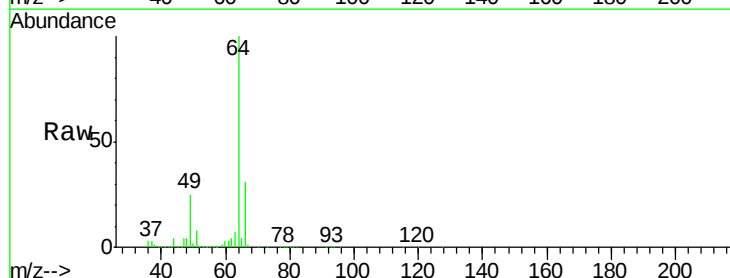
Acq: 09 Jul 2018 14:49

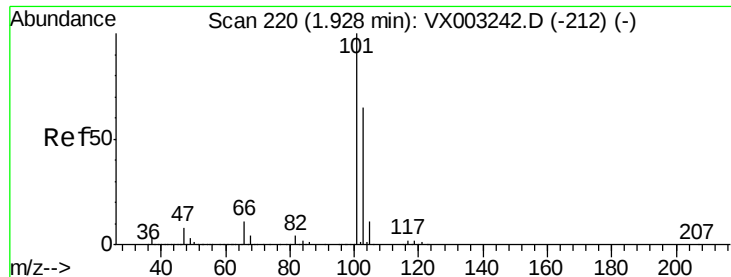
Tgt Ion: 64 Resp: 108751

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3



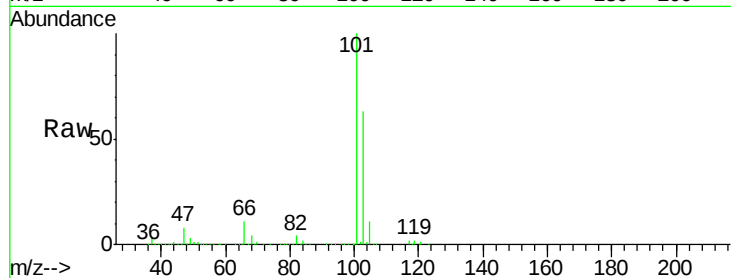


#7

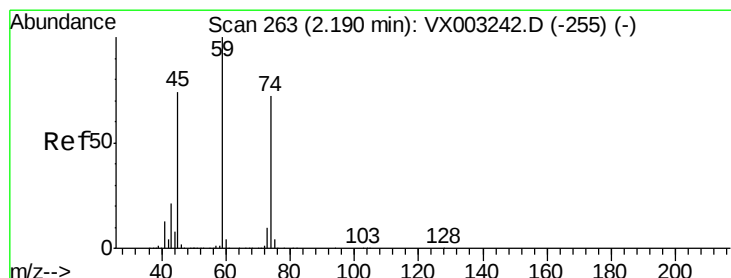
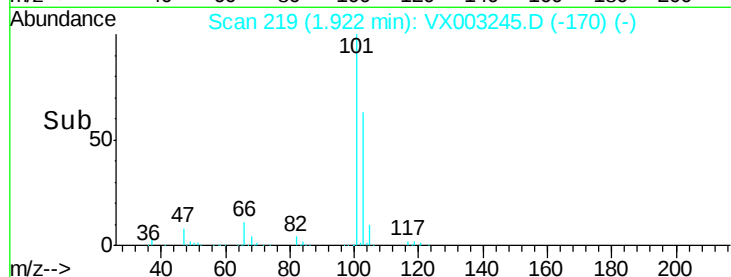
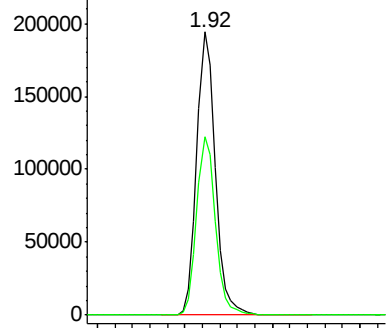
Trichlorofluoromethane
 Concen: 47.954 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:101 Resp: 285835
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.8 79.2



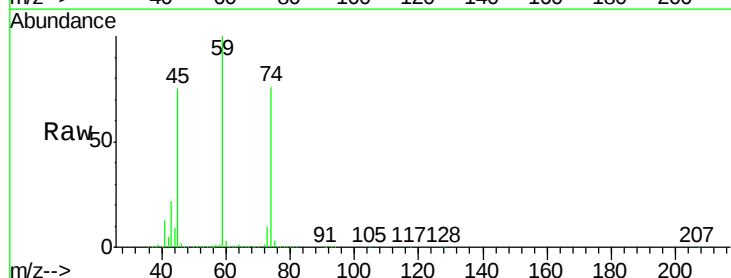
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



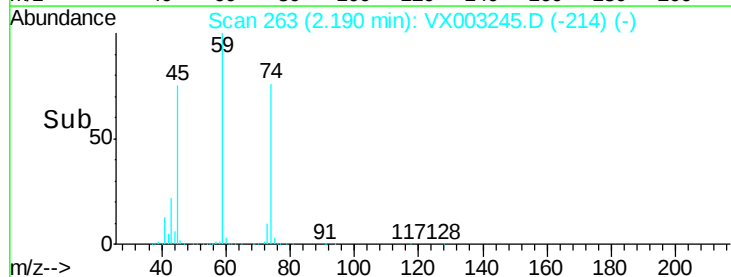
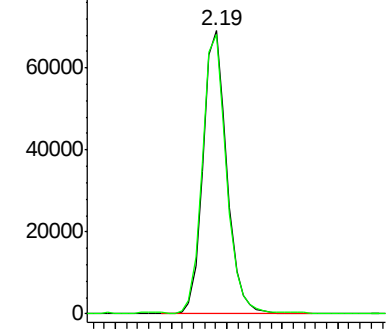
#8

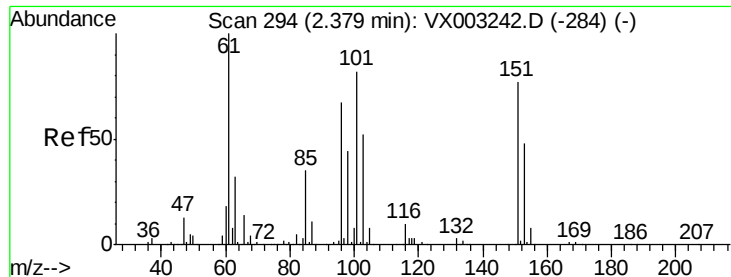
Diethyl Ether
 Concen: 47.230 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003245.D
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Tgt Ion: 74 Resp: 101765
 Ion Ratio Lower Upper
 74 100
 45 99.6 53.1 159.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.109 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

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ClientSampled :

ICVVX070918

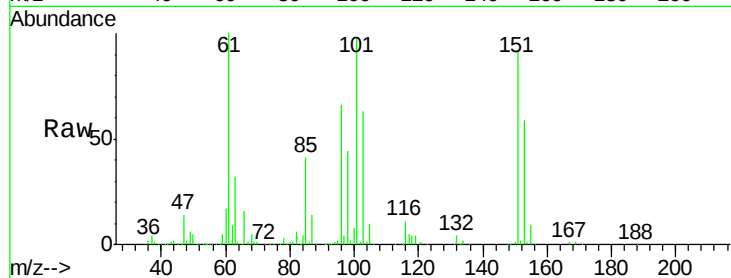
Tgt Ion:101 Resp: 164410

Ion Ratio Lower Upper

101 100

85 43.2 36.0 54.0

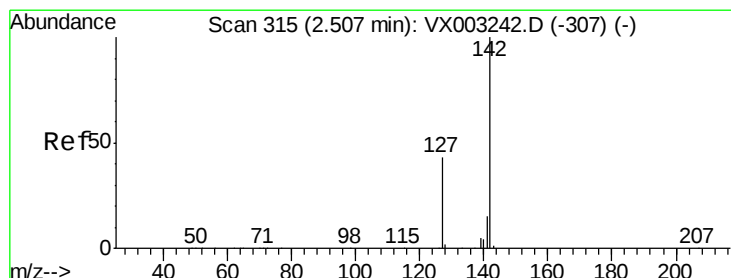
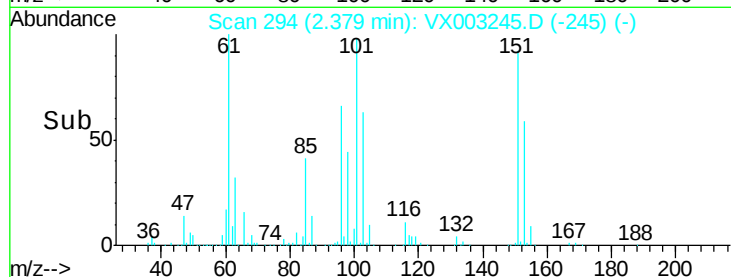
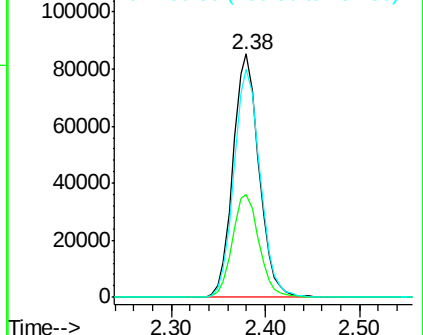
151 94.4 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 33.948 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

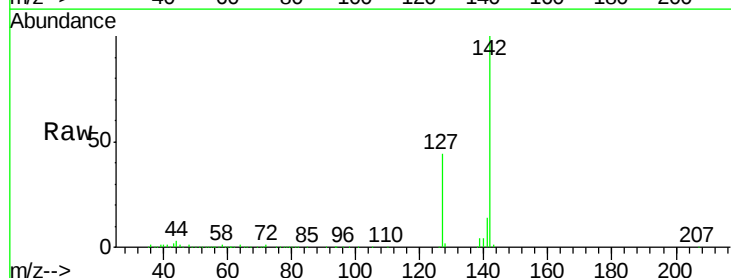
Tgt Ion:142 Resp: 122934

Ion Ratio Lower Upper

142 100

127 43.3 36.6 55.0

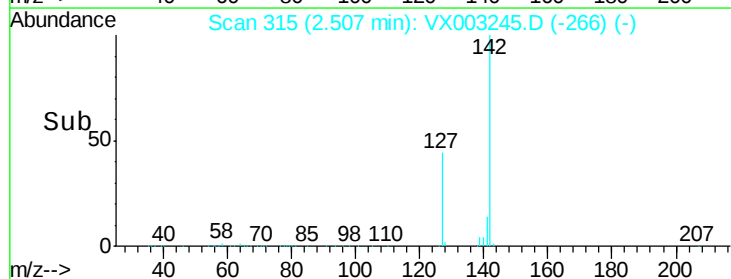
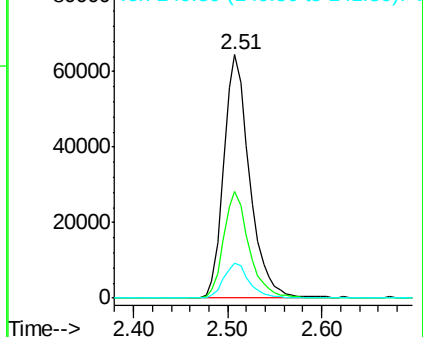
141 14.4 11.3 16.9

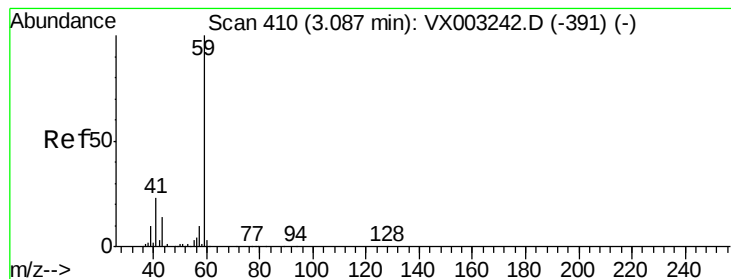


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



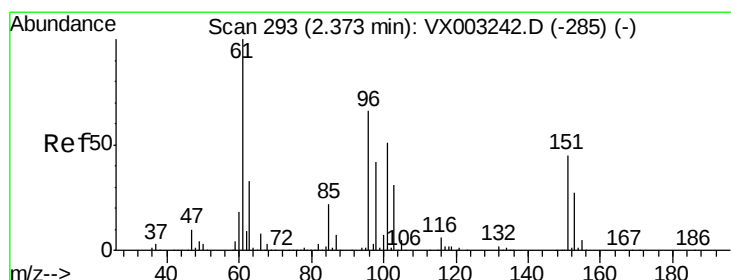
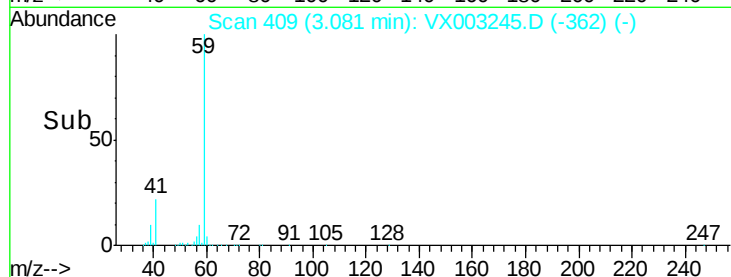
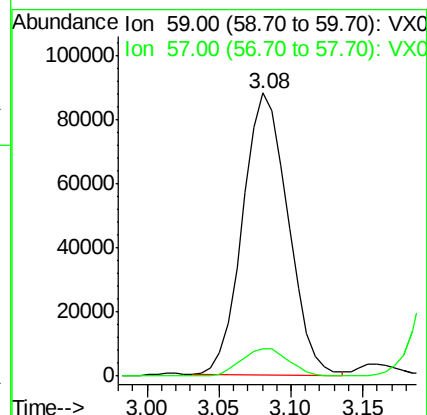
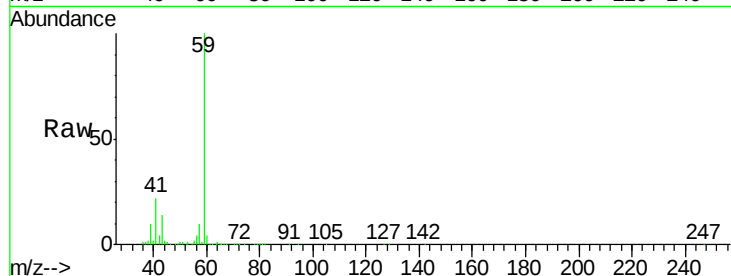


#11

Tert butyl alcohol
 Concen: 237.982 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070918

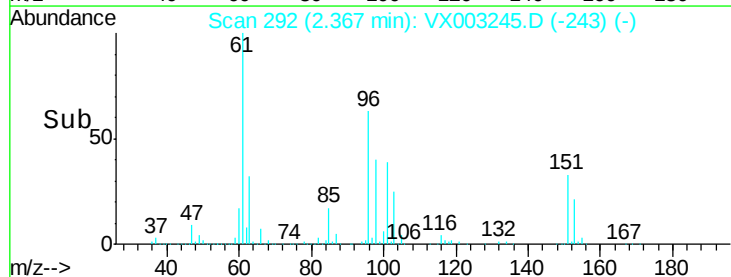
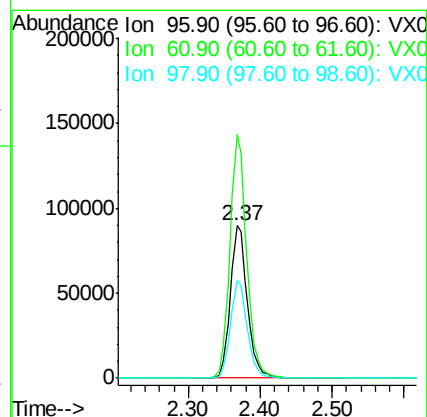
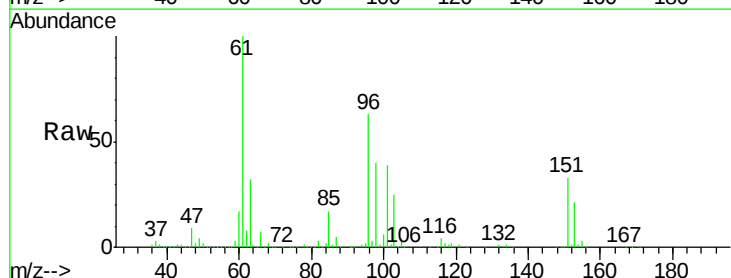
Tgt Ion: 59 Resp: 191913
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

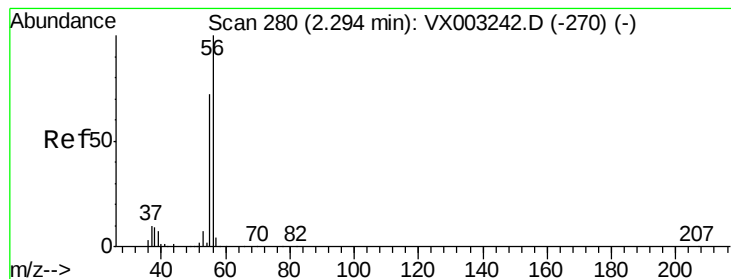


#12

1,1-Dichloroethene
 Concen: 46.526 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

Tgt Ion: 96 Resp: 147780
 Ion Ratio Lower Upper
 96 100
 61 159.8 137.9 206.9
 98 63.9 51.6 77.4





#13

Acrolein

Concen: 214.120 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

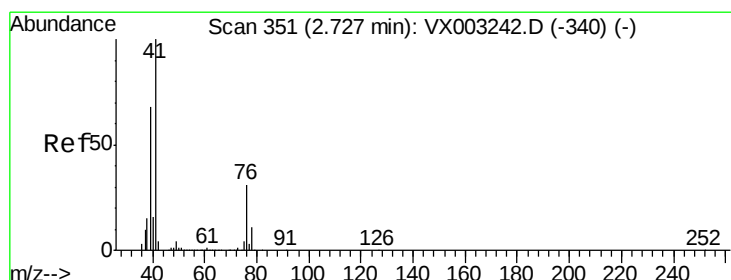
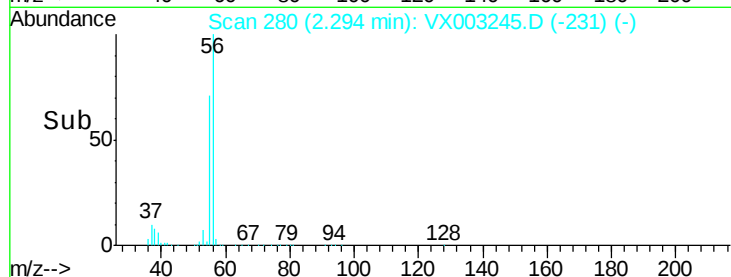
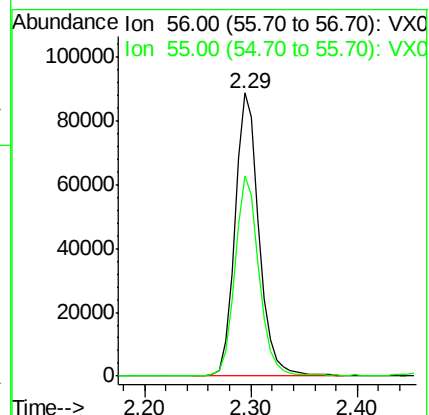
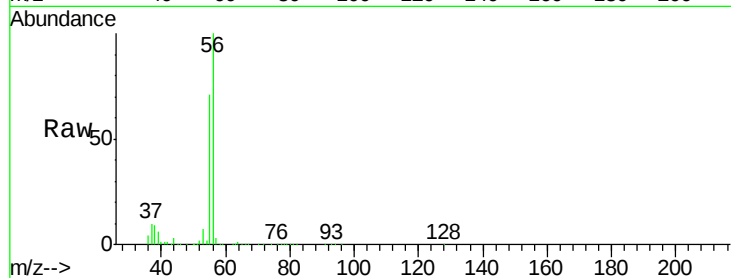
ICVVX070918

Tgt Ion: 56 Resp: 139142

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 48.031 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

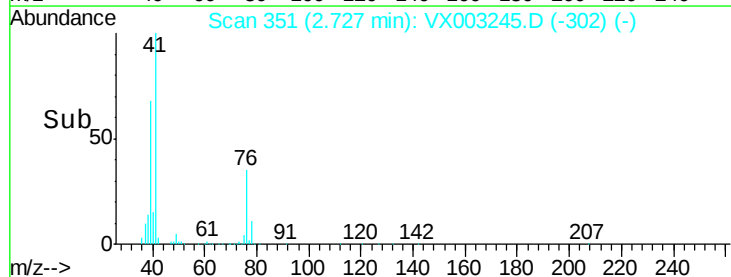
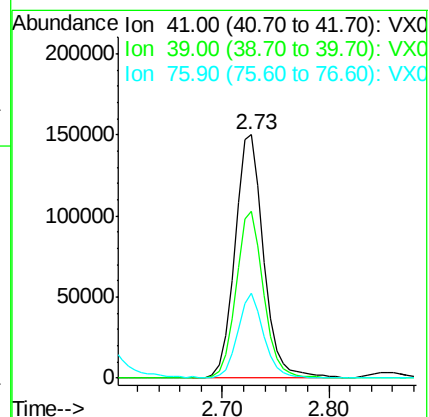
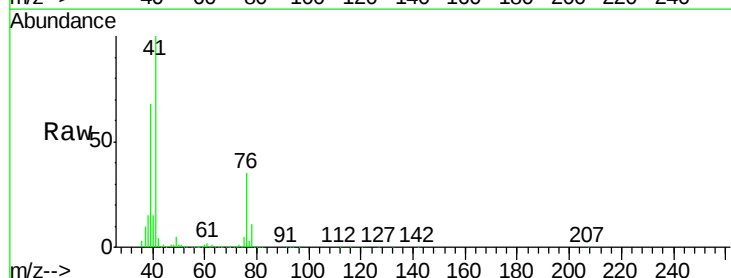
Tgt Ion: 41 Resp: 282567

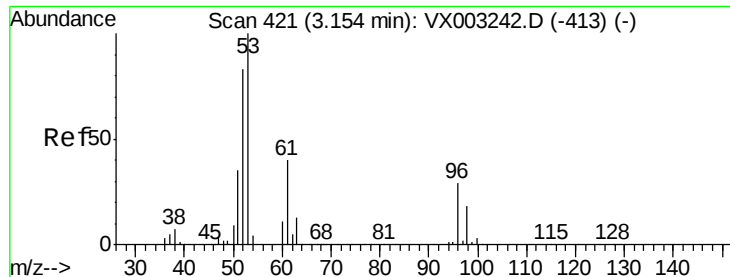
Ion Ratio Lower Upper

41 100

39 65.6 56.8 85.2

76 31.6 23.8 35.8





#15

Acrylonitrile

Concen: 231.673 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampled :

ICVVX070918

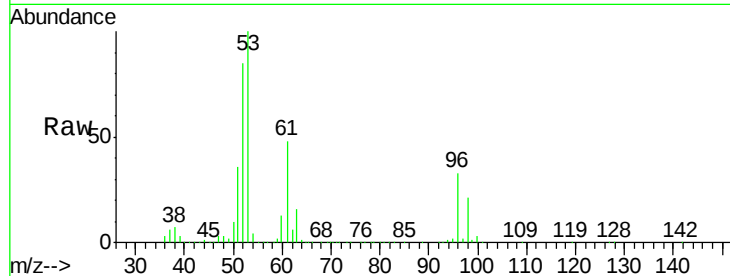
Tgt Ion: 53 Resp: 417172

Ion Ratio Lower Upper

53 100

52 83.6 66.7 100.1

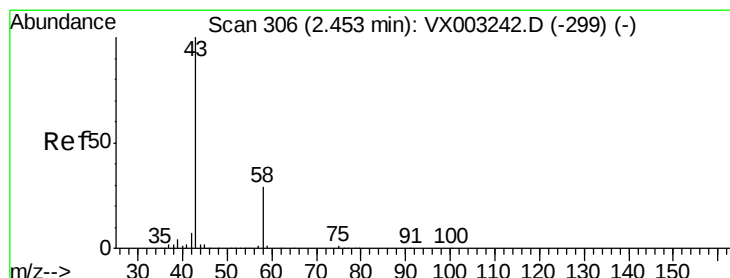
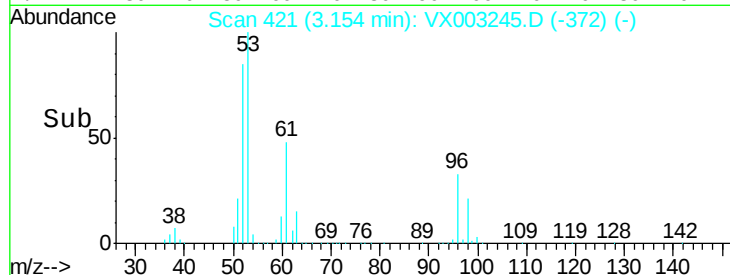
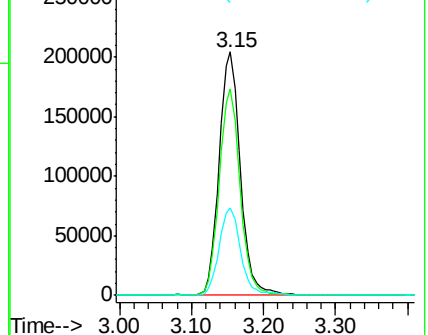
51 36.6 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 239.192 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003245.D

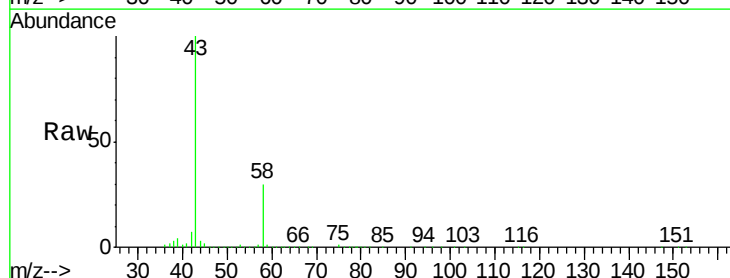
Acq: 09 Jul 2018 14:49

Tgt Ion: 43 Resp: 377728

Ion Ratio Lower Upper

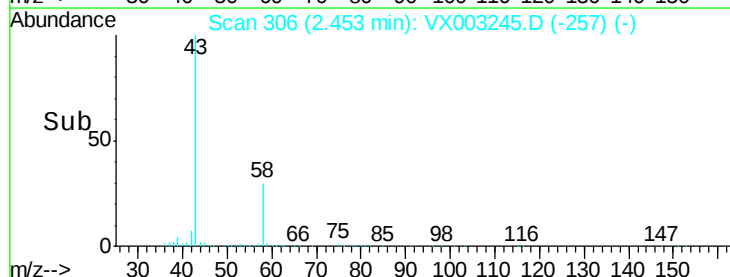
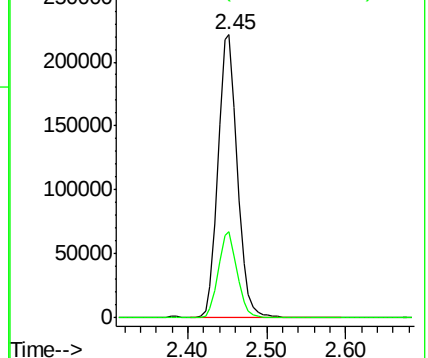
43 100

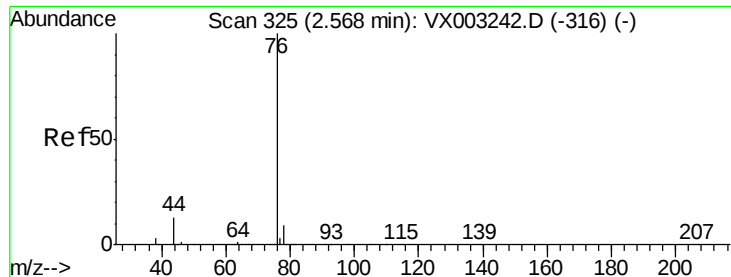
58 30.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.722 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

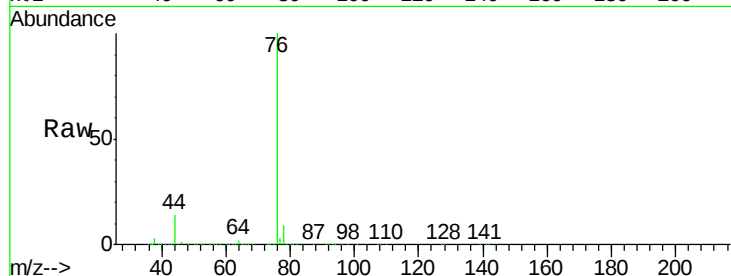
ICVVX070918

Tgt Ion: 76 Resp: 421203

Ion Ratio Lower Upper

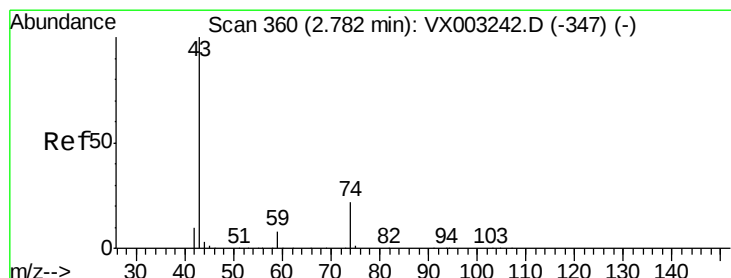
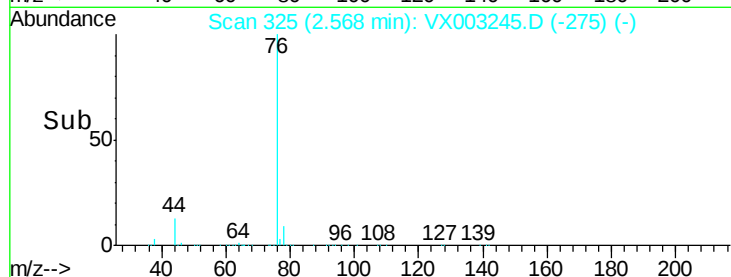
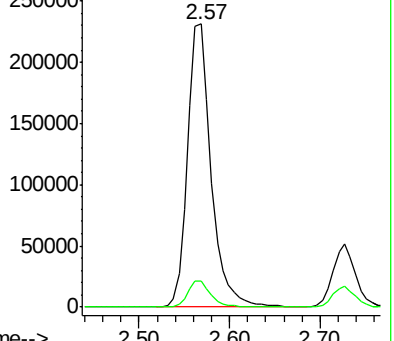
76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.105 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003245.D

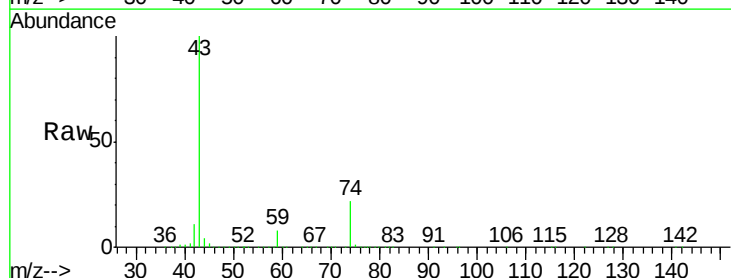
Acq: 09 Jul 2018 14:49

Tgt Ion: 43 Resp: 218762

Ion Ratio Lower Upper

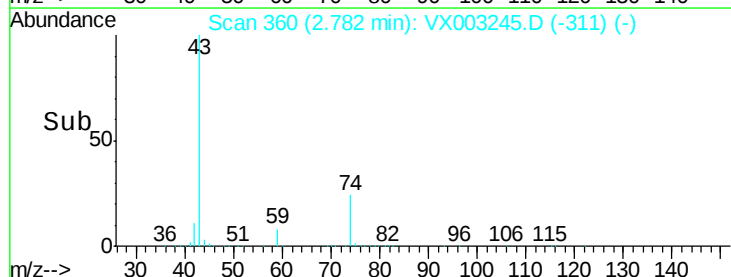
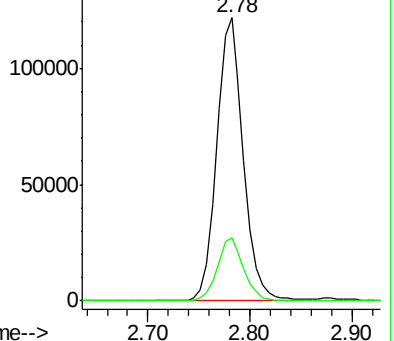
43 100

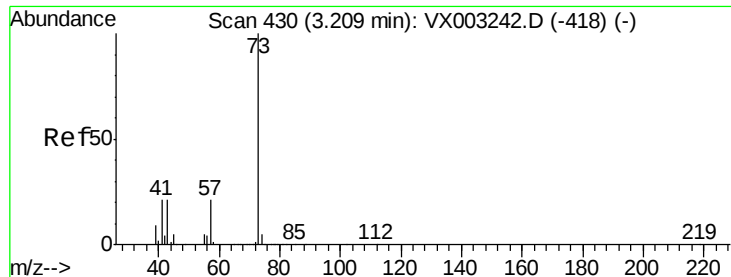
74 21.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

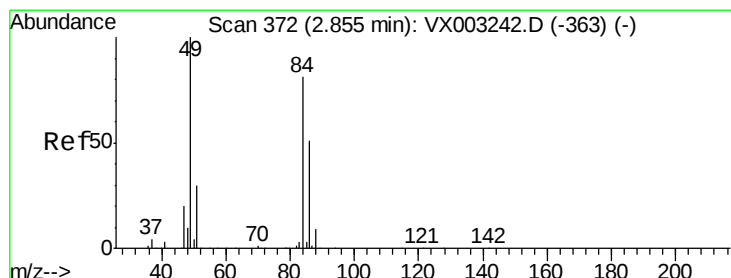
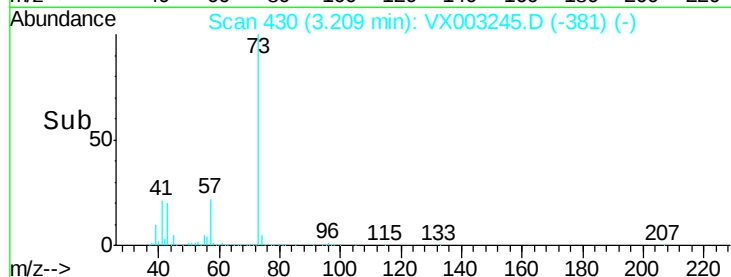
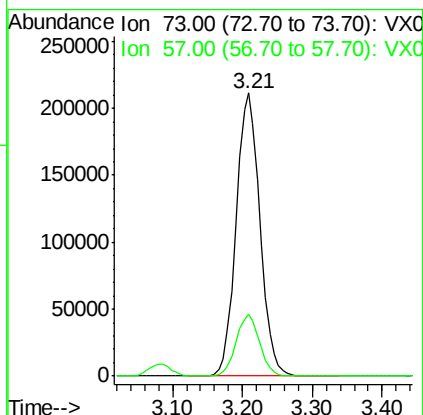
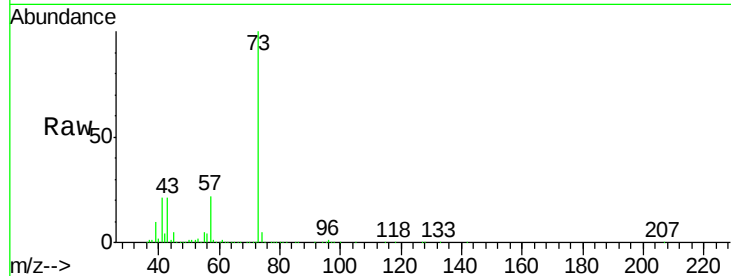




#19
Methyl tert-butyl Ether
Concen: 46.930 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

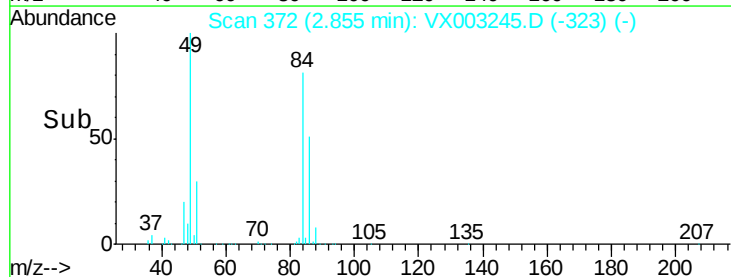
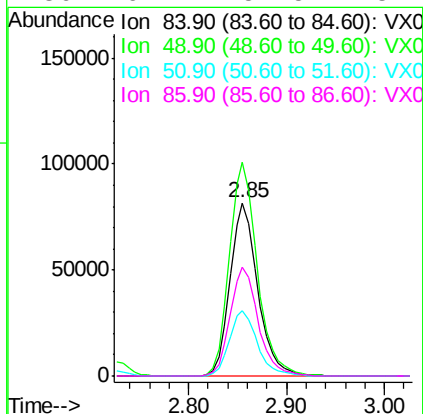
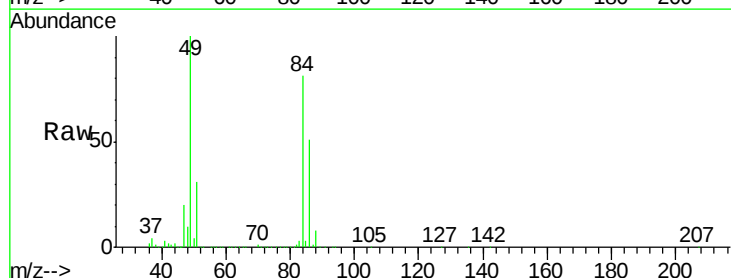
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070918

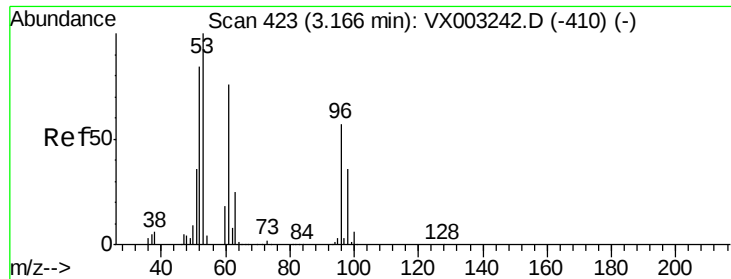
Tgt Ion: 73 Resp: 497881
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 49.540 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Tgt Ion: 84 Resp: 160336
Ion Ratio Lower Upper
84 100
49 123.0 107.8 161.6
51 37.5 32.8 49.2
86 62.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.788 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070918

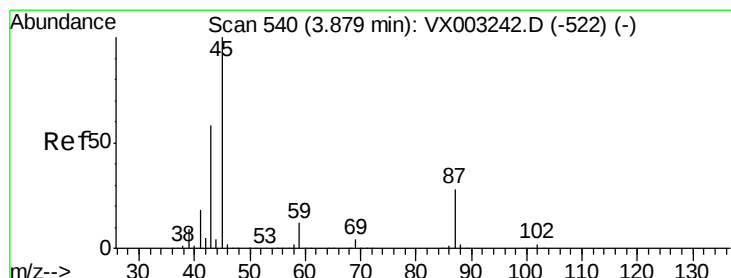
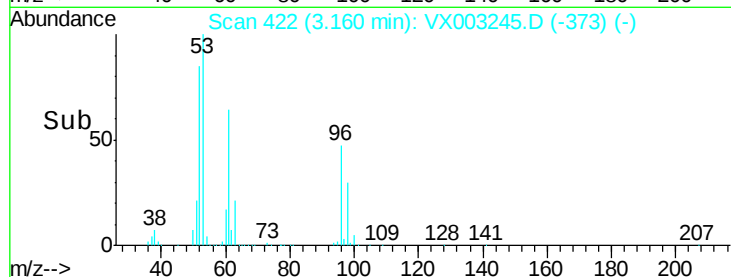
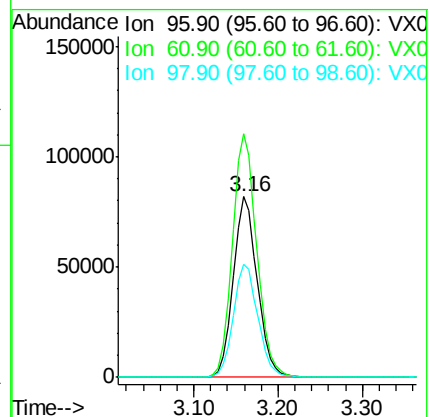
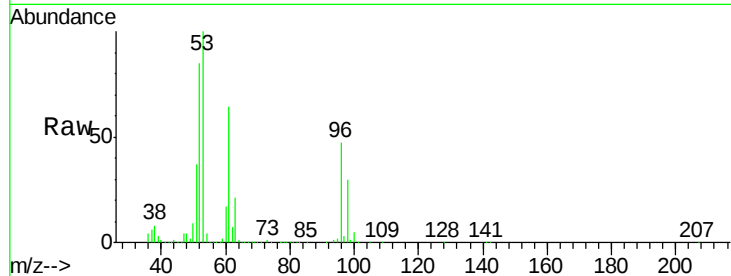
Tgt Ion: 96 Resp: 158411

Ion Ratio Lower Upper

96 100

61 134.7 117.0 175.4

98 62.9 52.4 78.6



#22

Diisopropyl ether

Concen: 42.994 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Tgt Ion: 45 Resp: 514590

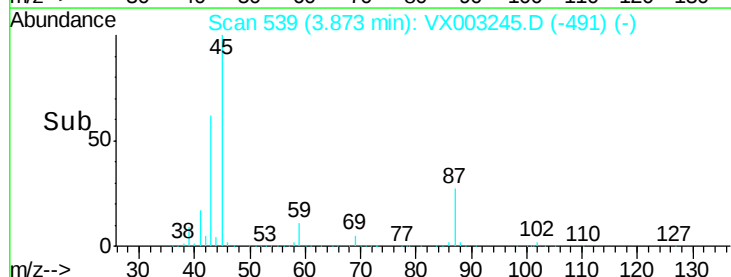
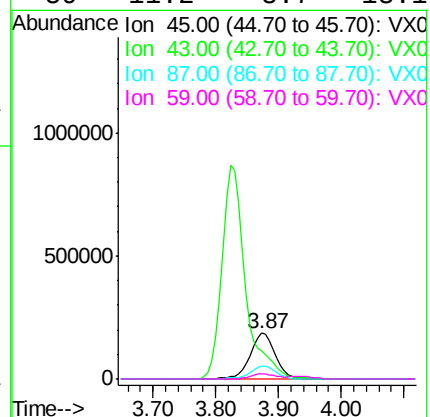
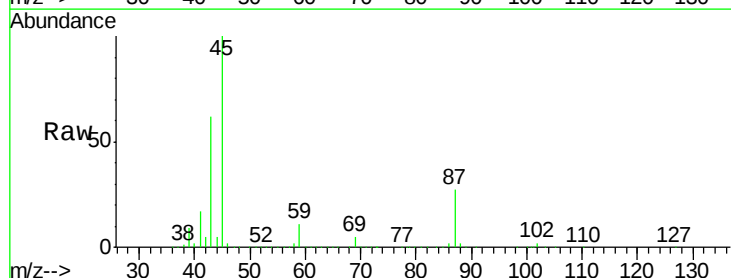
Ion Ratio Lower Upper

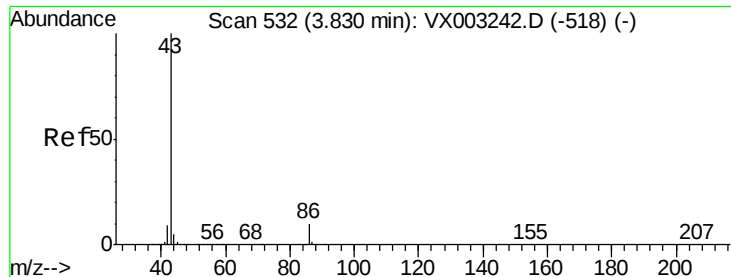
45 100

43 62.2 46.8 70.2

87 26.8 20.2 30.4

59 11.2 8.7 13.1





#23

Vinyl Acetate

Concen: 222.231 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

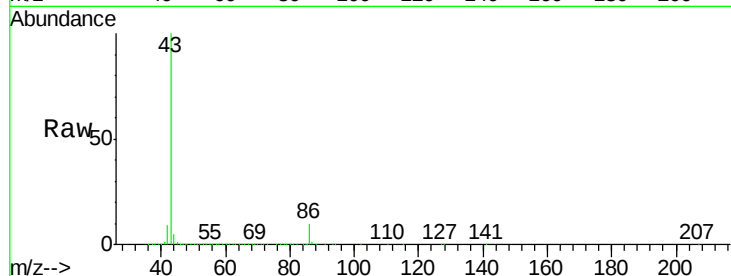
ICVVX070918

Tgt Ion: 43 Resp: 2258225

Ion Ratio Lower Upper

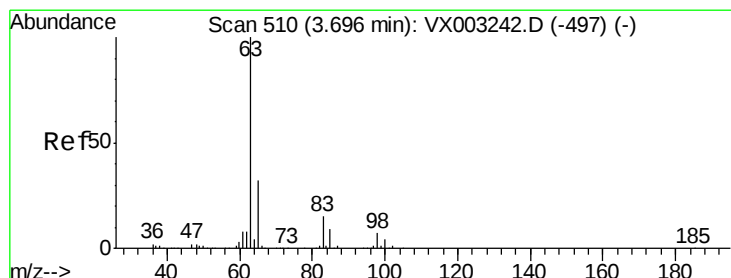
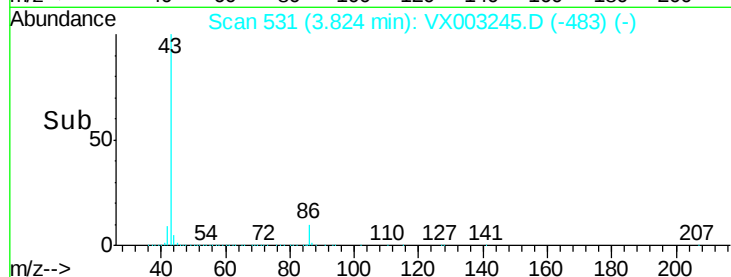
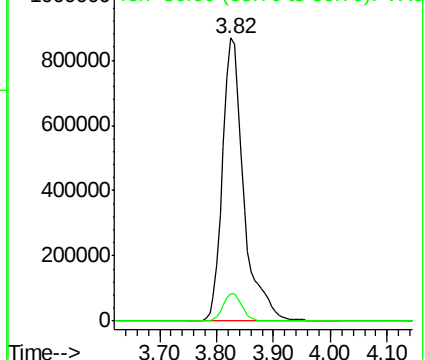
43 100

86 9.7 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.988 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

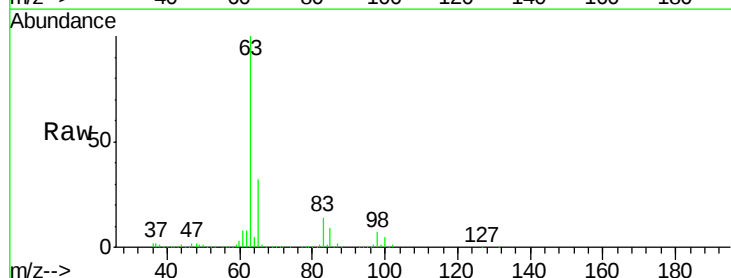
Tgt Ion: 63 Resp: 286485

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

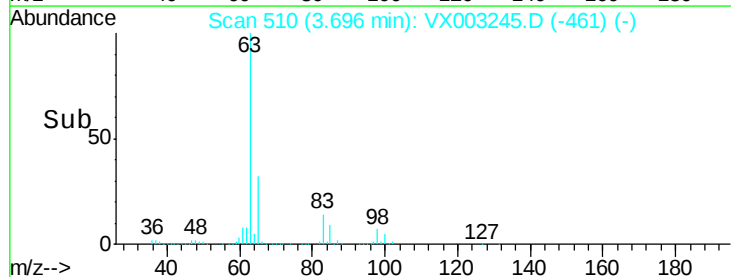
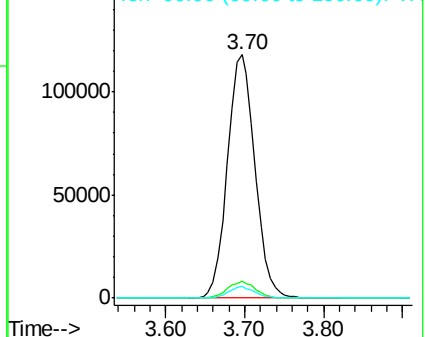
100 4.7 2.0 6.0

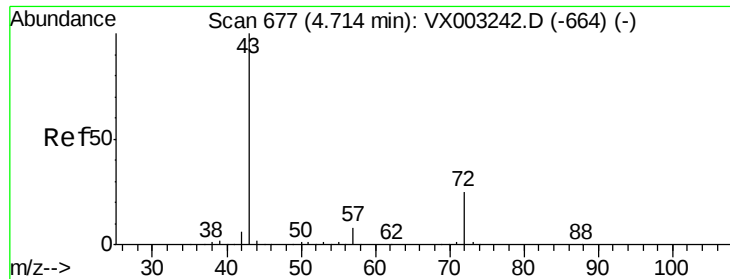


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 233.281 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampled :

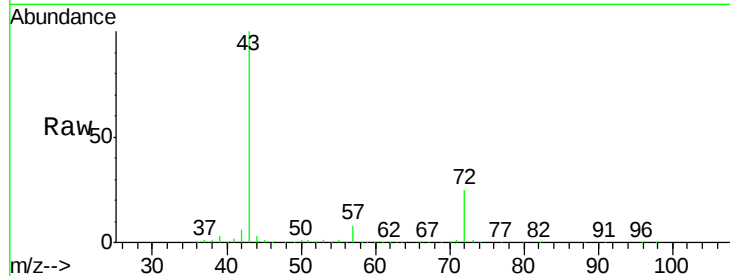
ICVVX070918

Tgt Ion: 43 Resp: 651866

Ion Ratio Lower Upper

43 100

72 24.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

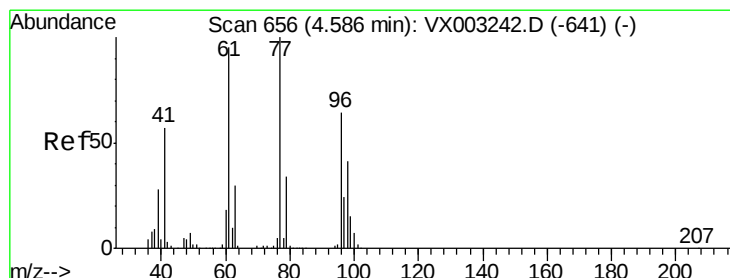
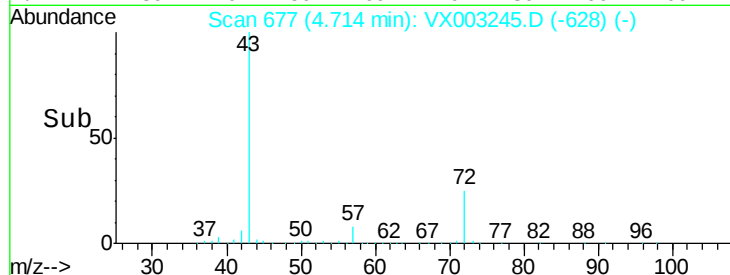
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 48.149 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003245.D

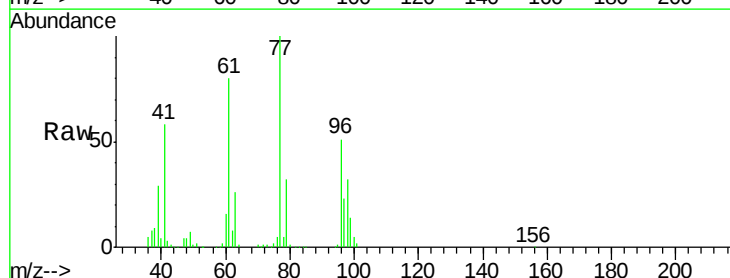
Acq: 09 Jul 2018 14:49

Tgt Ion: 77 Resp: 262354

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

60000

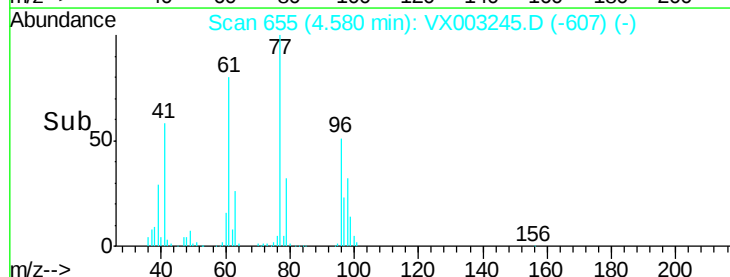
40000

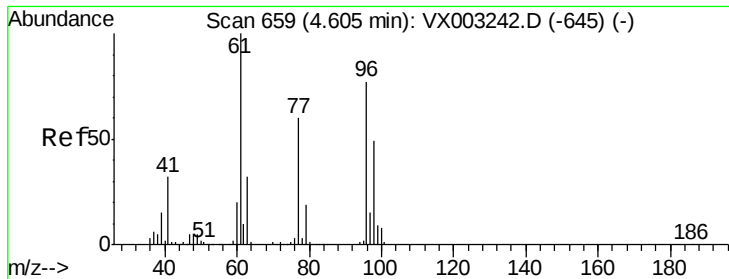
20000

0

4.40 4.50 4.60 4.70

Time-->



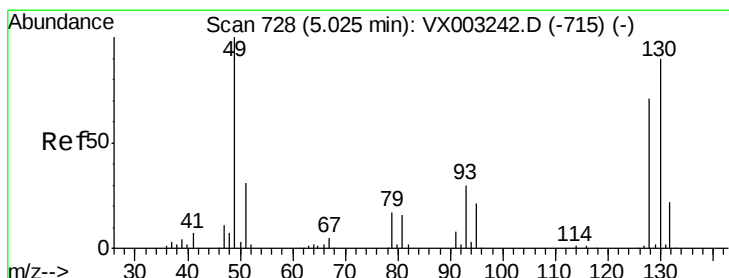
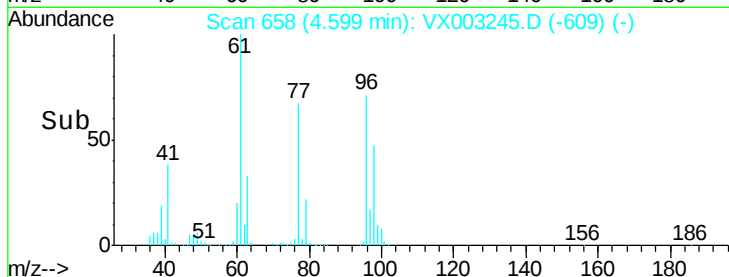
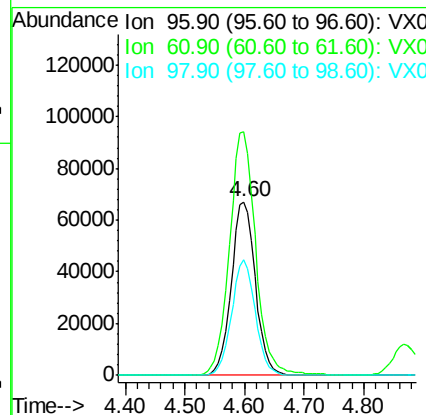
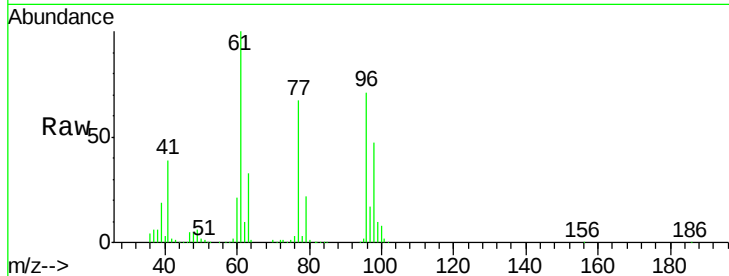


#27

cis-1,2-Dichloroethene
 Concen: 45.098 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070918

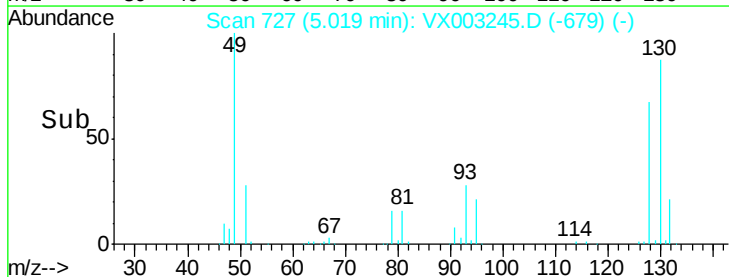
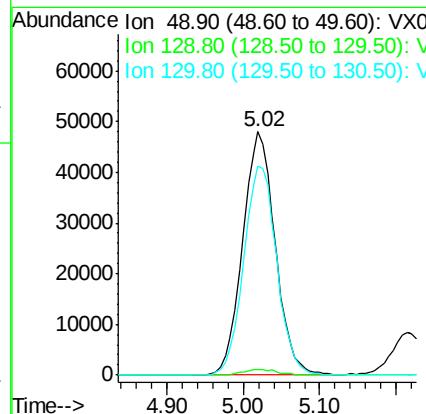
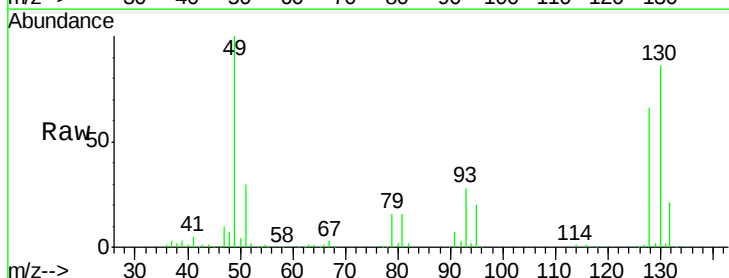
Tgt Ion: 96 Resp: 187653
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 330.2
 98 65.5 0.0 130.2

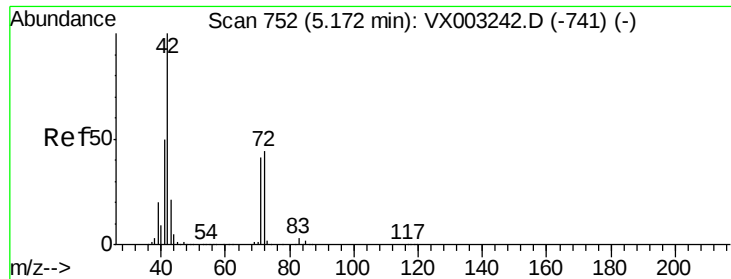


#28

Bromochloromethane
 Concen: 45.097 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

Tgt Ion: 49 Resp: 141546
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 87.2 61.2 91.8

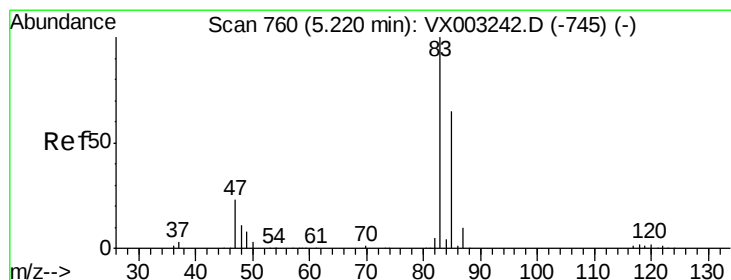
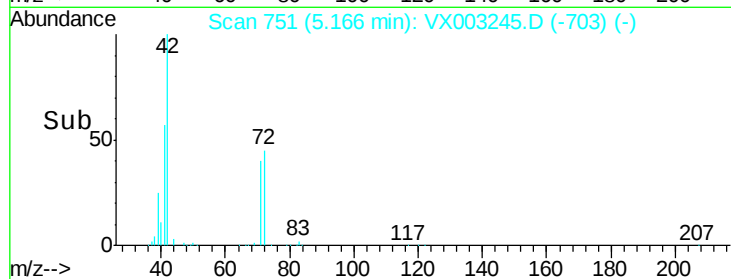
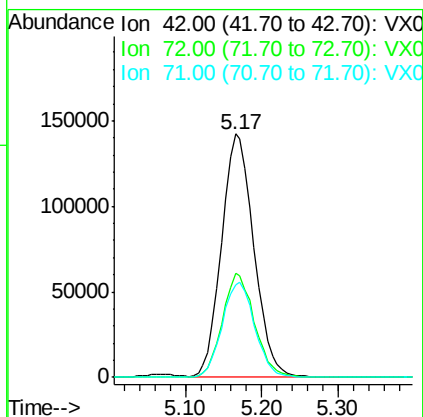
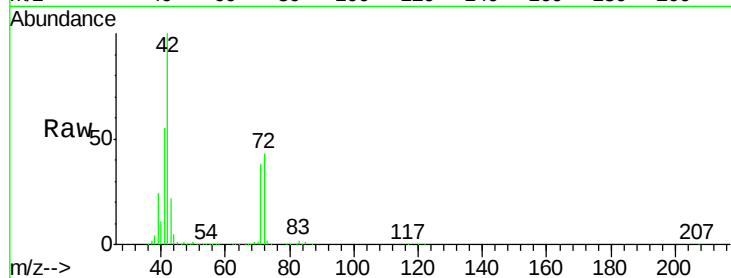




#29
Tetrahydrofuran
Concen: 228.708 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

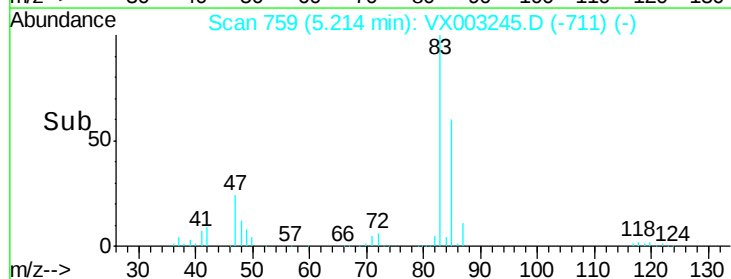
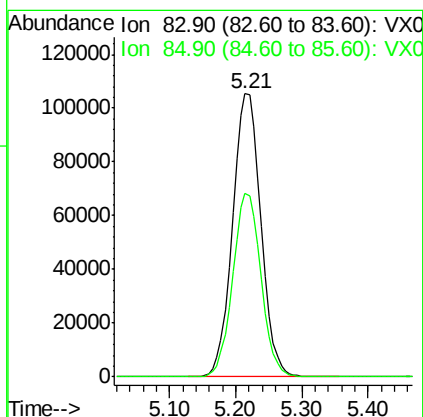
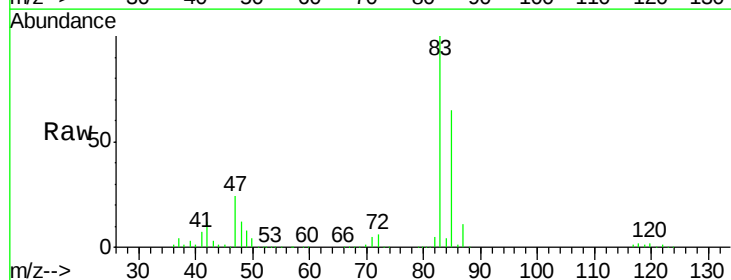
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070918

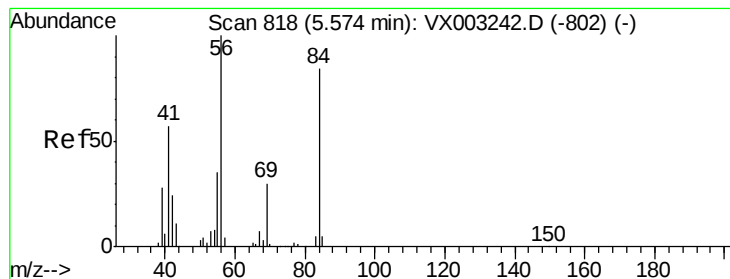
Tgt Ion: 42 Resp: 414801
Ion Ratio Lower Upper
42 100
72 42.7 32.0 48.0
71 39.5 30.1 45.1



#30
Chloroform
Concen: 45.574 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Tgt Ion: 83 Resp: 312296
Ion Ratio Lower Upper
83 100
85 65.1 50.4 75.6





#31

Cyclohexane

Concen: 47.407 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070918

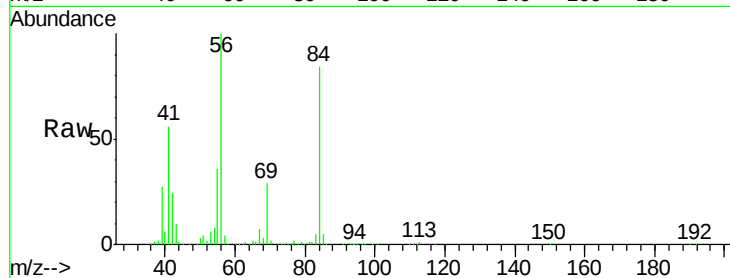
Tgt Ion: 56 Resp: 276549

Ion Ratio Lower Upper

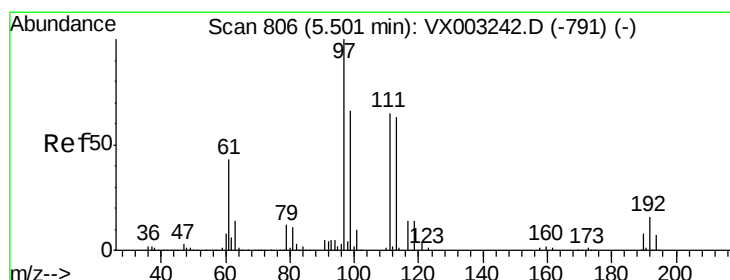
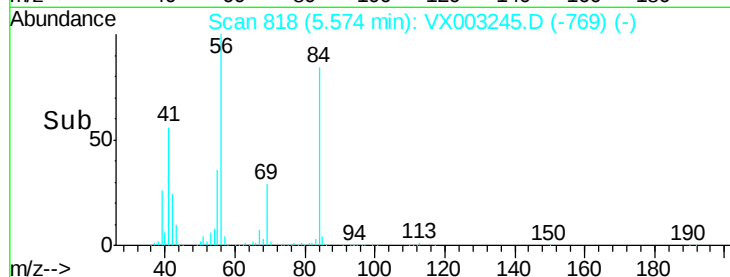
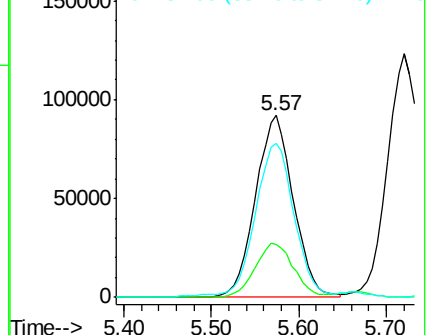
56 100

69 29.2 23.7 35.5

84 83.4 64.1 96.1



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: 46.667 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

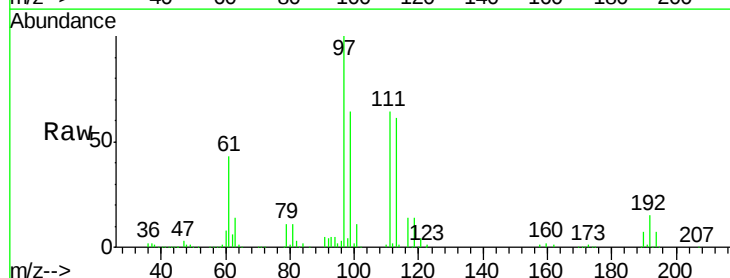
Tgt Ion: 97 Resp: 282111

Ion Ratio Lower Upper

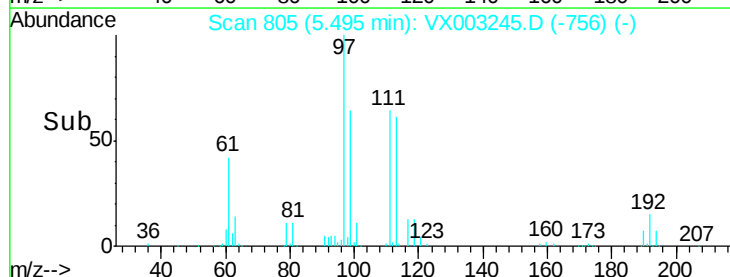
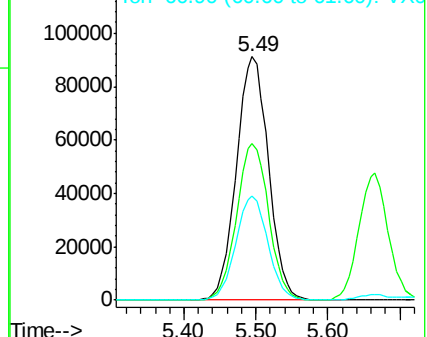
97 100

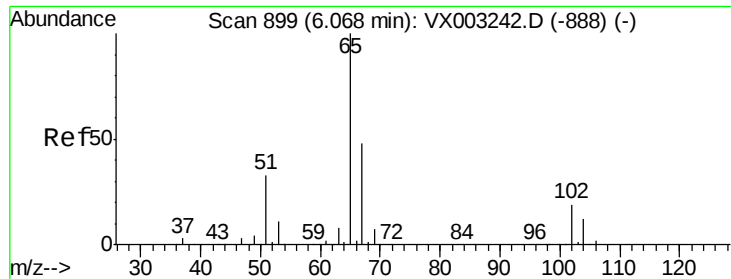
99 64.3 51.6 77.4

61 42.7 36.4 54.6



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: 47.977 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

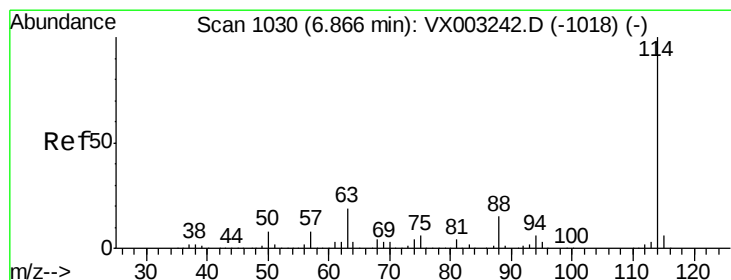
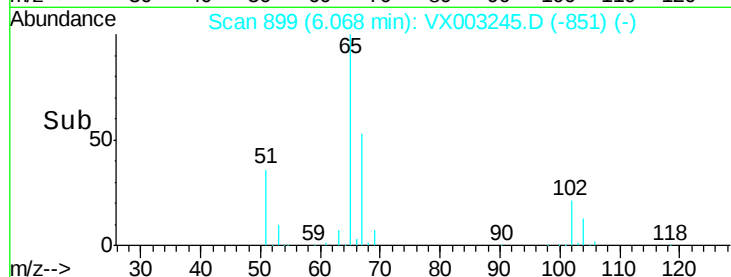
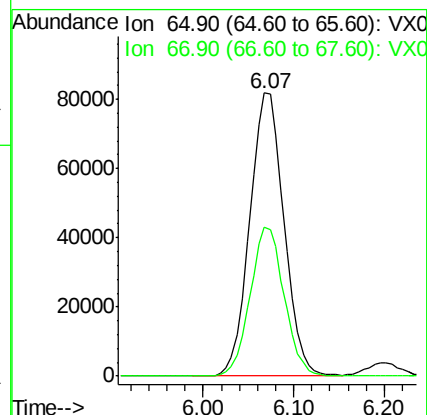
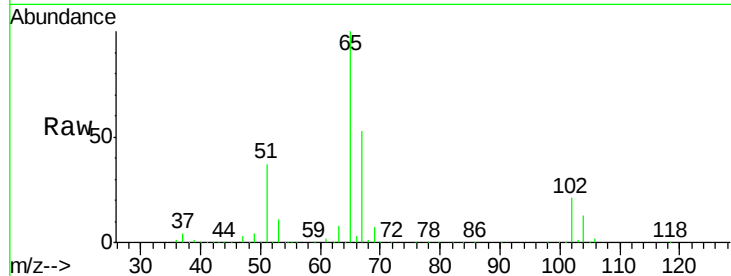
ICVVX070918

Tgt Ion: 65 Resp: 213406

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

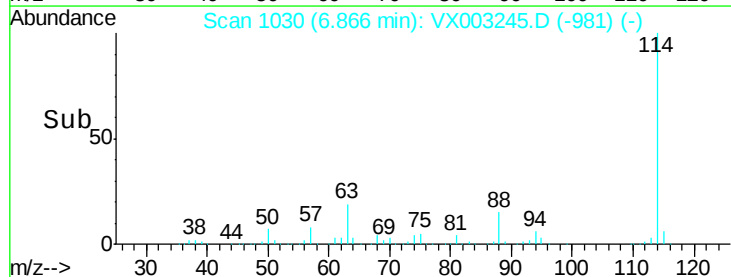
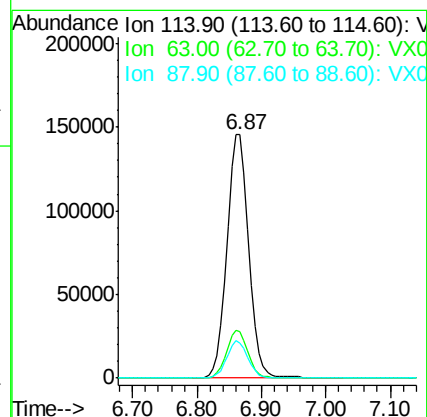
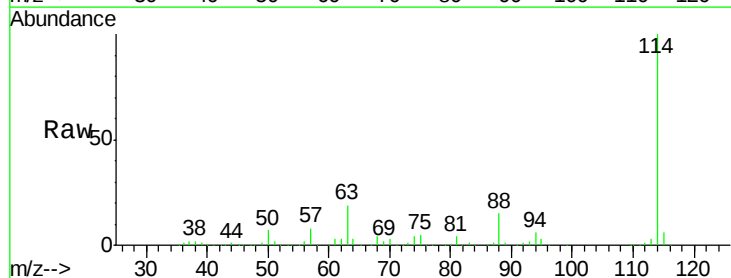
Tgt Ion: 114 Resp: 348429

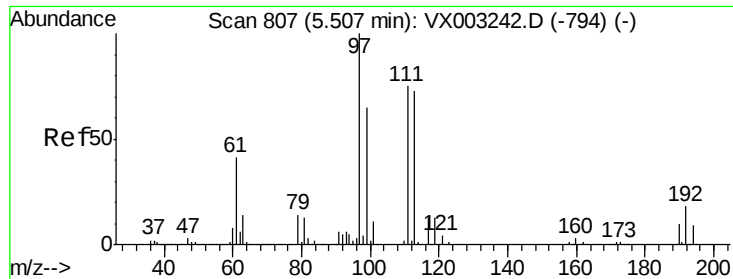
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.4

88 14.6 0.0 30.0

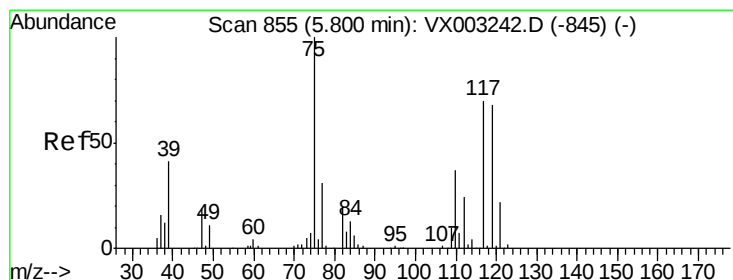
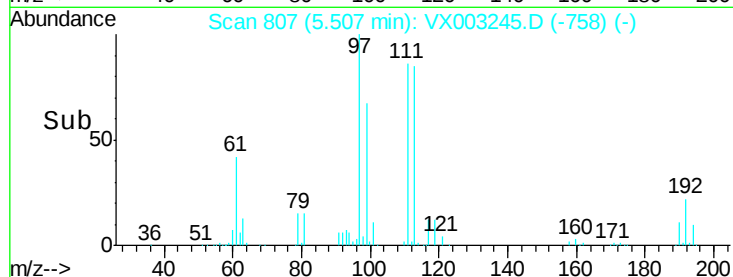
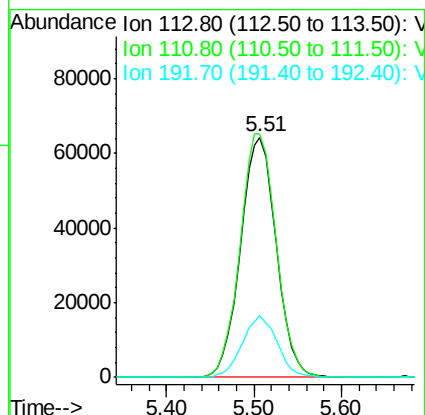
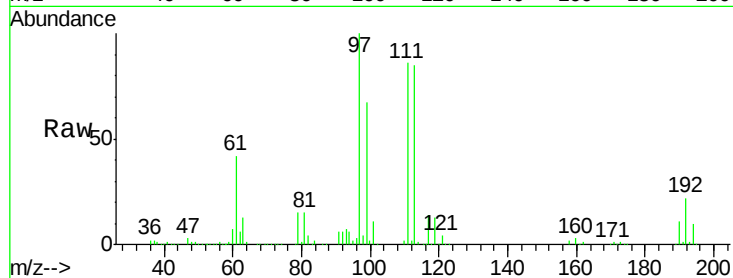




#35
 Dibromofluoromethane
 Concen: 48.627 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

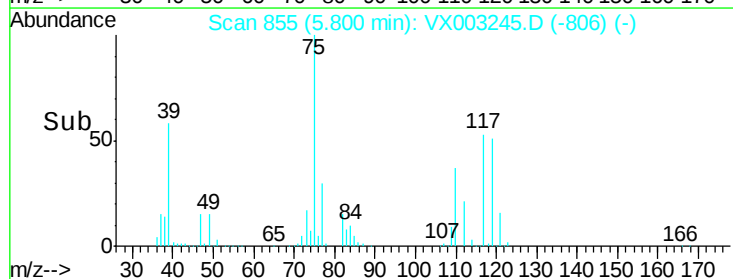
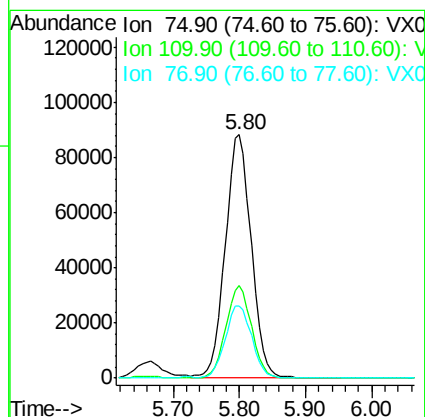
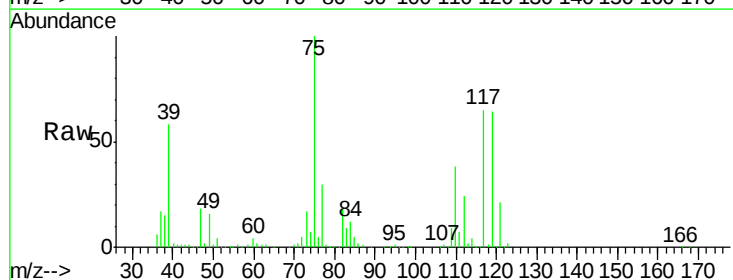
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070918

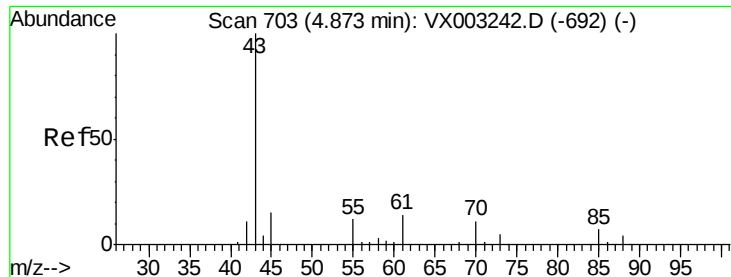
Tgt Ion:113 Resp: 182025
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.0
 192 25.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 48.581 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

Tgt Ion: 75 Resp: 239615
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.1 54.4
 77 30.1 24.3 36.5

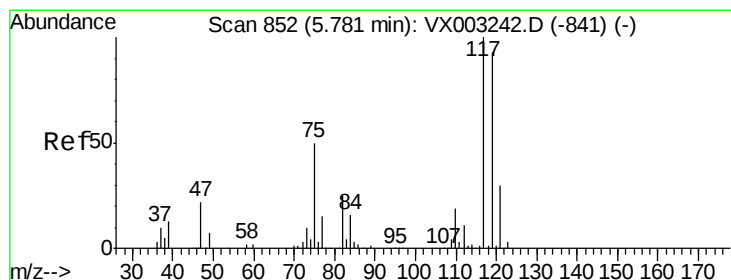
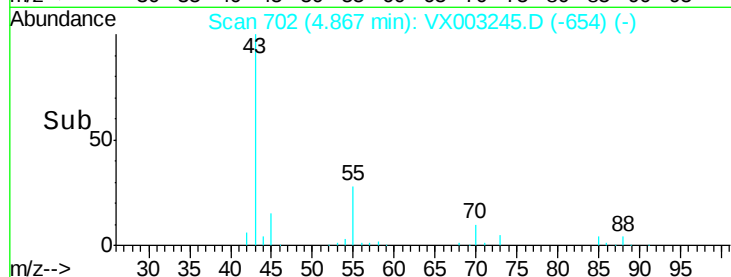
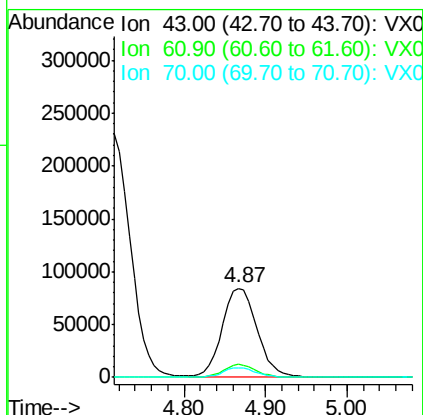
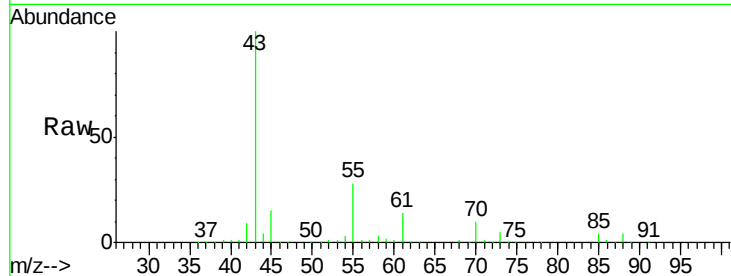




#37
Ethyl Acetate
Concen: 45.964 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

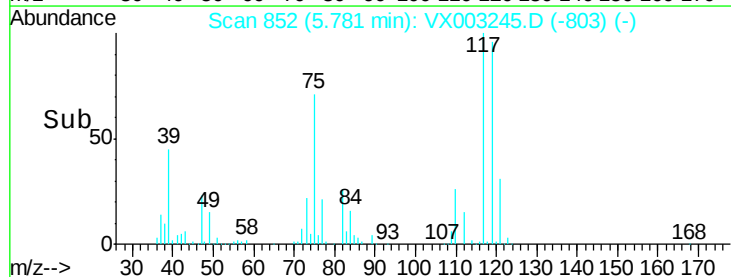
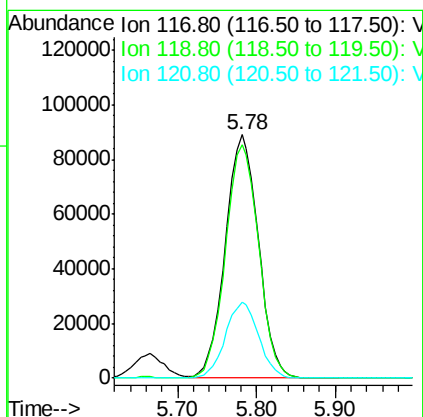
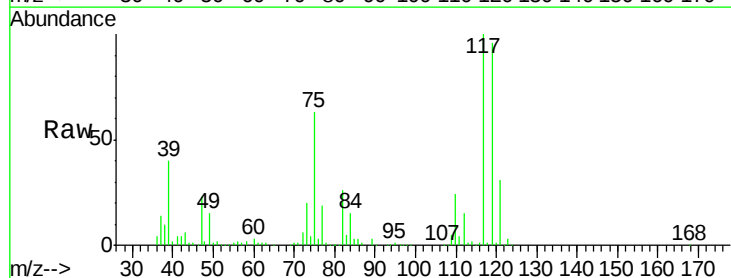
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070918

Tgt Ion: 43 Resp: 248543
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 10.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 48.060 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Tgt Ion: 117 Resp: 259313
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
121 31.0 24.4 36.6

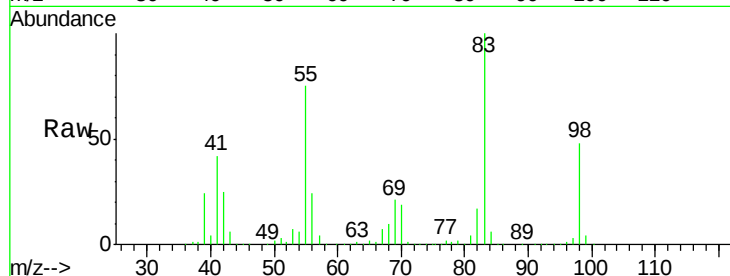




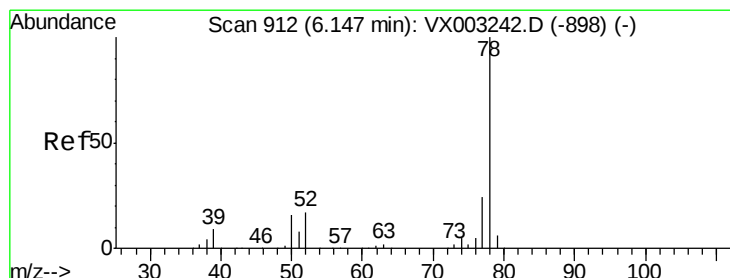
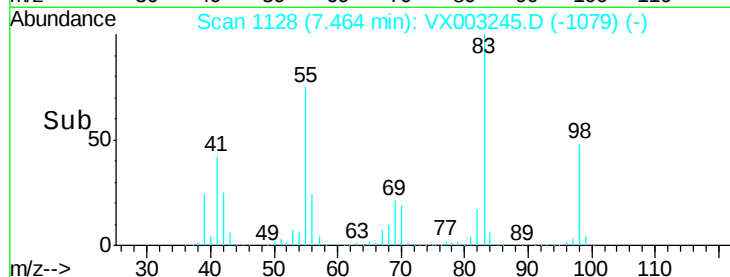
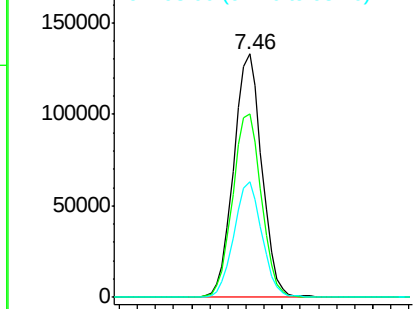
#39
Methylcyclohexane
Concen: 49.447 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070918

Tgt Ion: 83 Resp: 287328
Ion Ratio Lower Upper
83 100
55 75.4 65.4 98.0
98 47.7 37.4 56.0

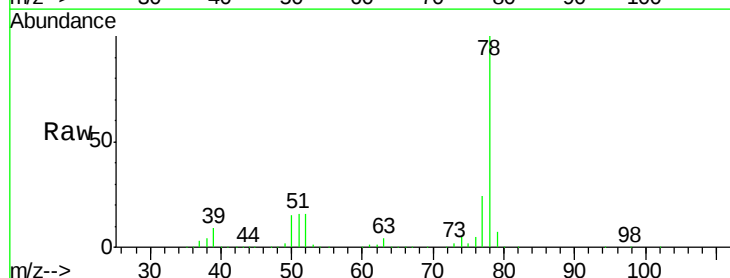


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

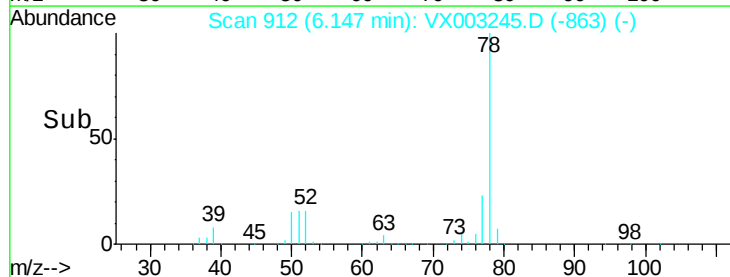
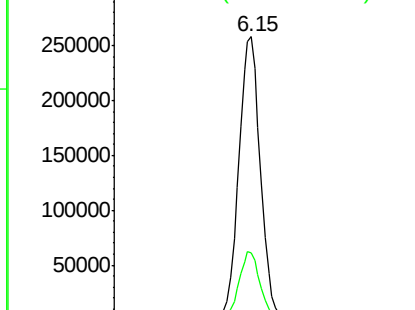


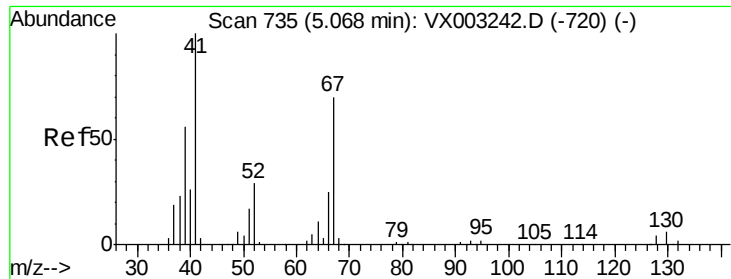
#40
Benzene
Concen: 47.029 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Tgt Ion: 78 Resp: 687408
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7



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





#41

Methacrylonitrile

Concen: 48.184 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070918

Tgt Ion: 41 Resp: 142641

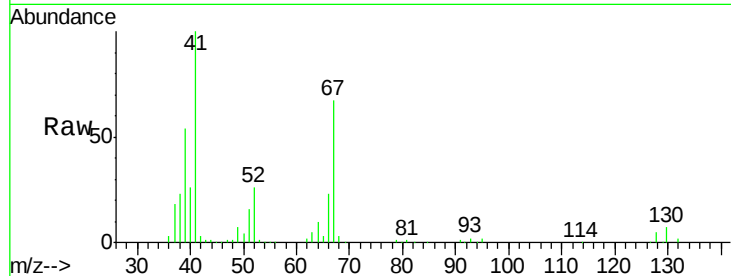
Ion Ratio Lower Upper

41 100

39 55.2 45.8 68.6

67 67.7 51.3 76.9

52 27.7 23.0 34.6

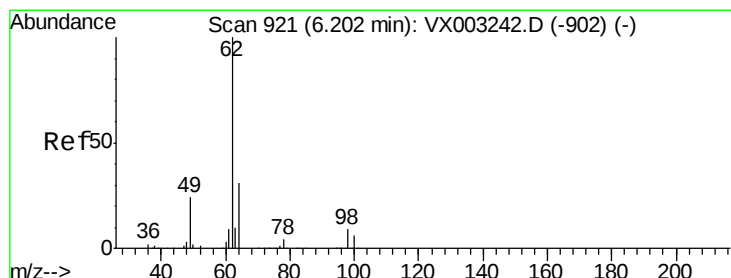
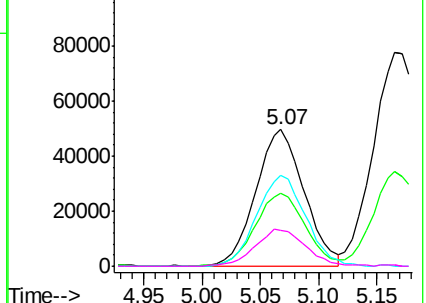
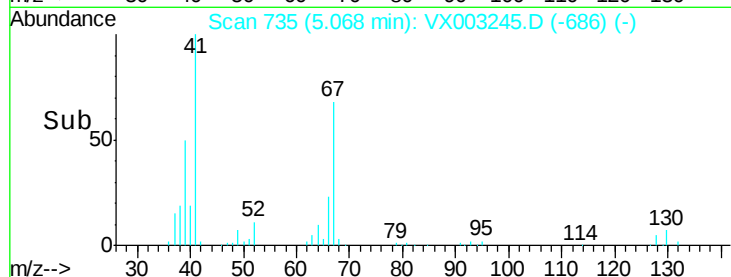


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 45.564 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX003245.D

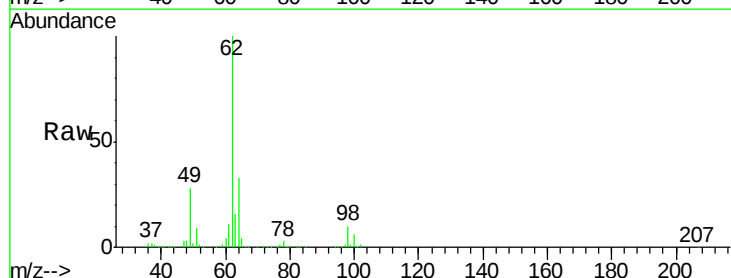
Acq: 09 Jul 2018 14:49

Tgt Ion: 62 Resp: 248828

Ion Ratio Lower Upper

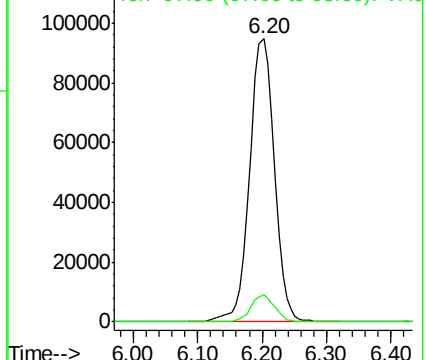
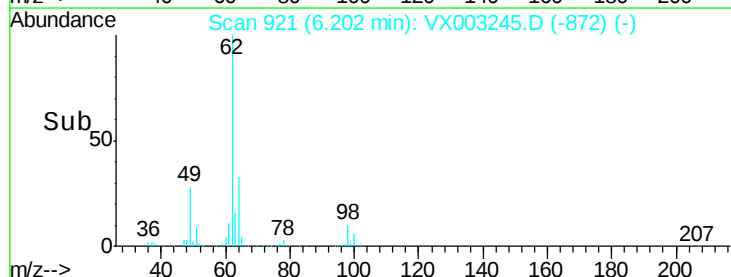
62 100

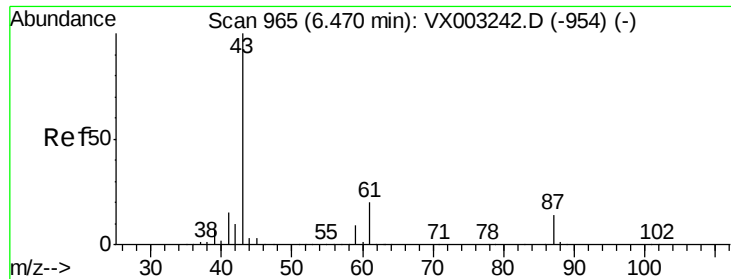
98 9.2 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

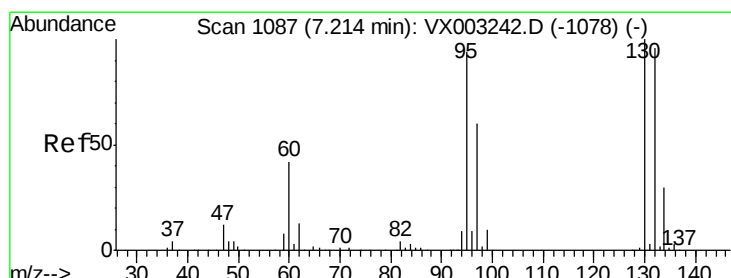
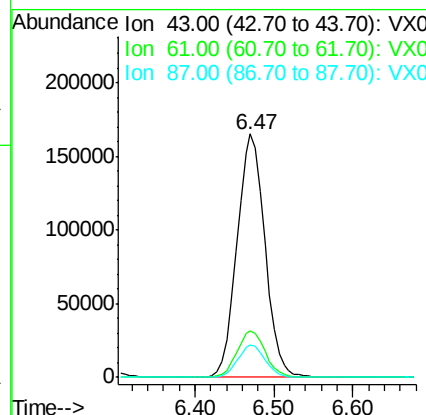
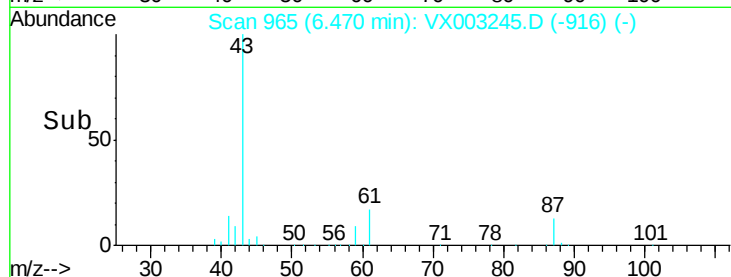
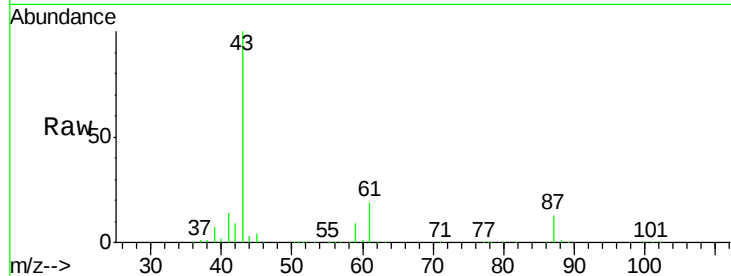




#43
Isopropyl Acetate
Concen: 47.736 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

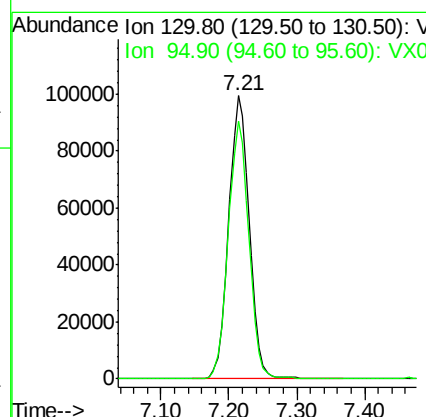
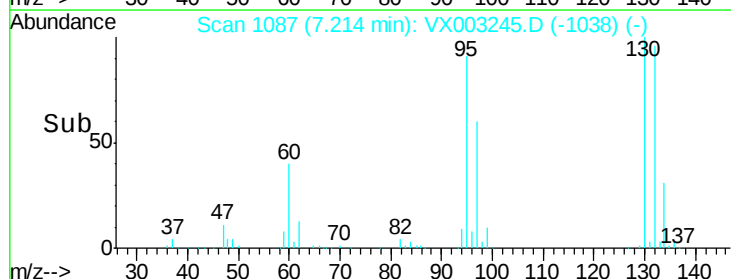
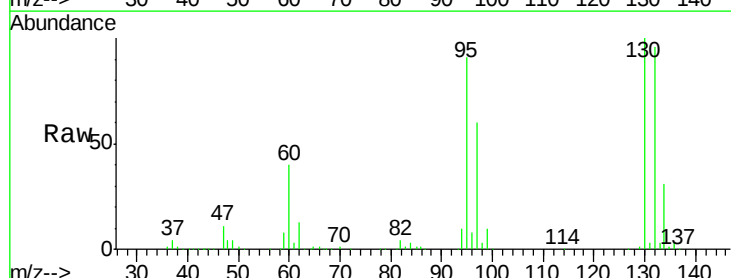
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070918

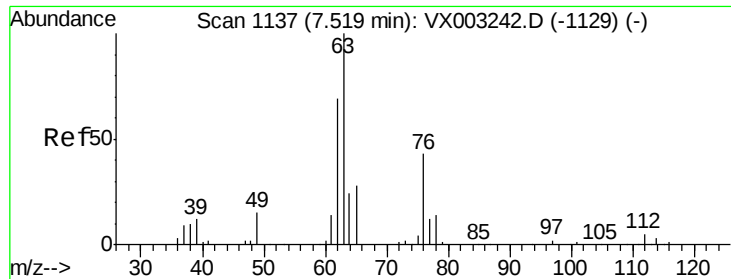
Tgt Ion: 43 Resp: 405332
Ion Ratio Lower Upper
43 100
61 19.3 14.4 21.6
87 13.1 9.5 14.3



#44
Trichloroethene
Concen: 48.362 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Tgt Ion:130 Resp: 209041
Ion Ratio Lower Upper
130 100
95 90.9 0.0 185.4





#45

1,2-Dichloropropane

Concen: 45.711 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

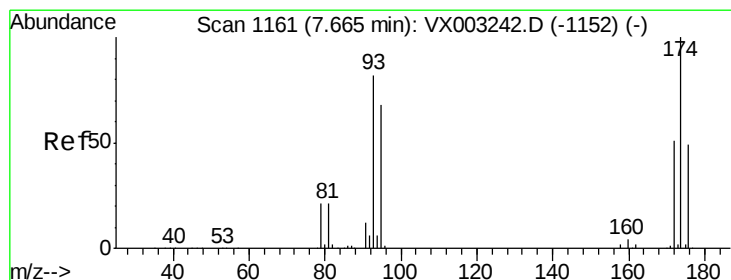
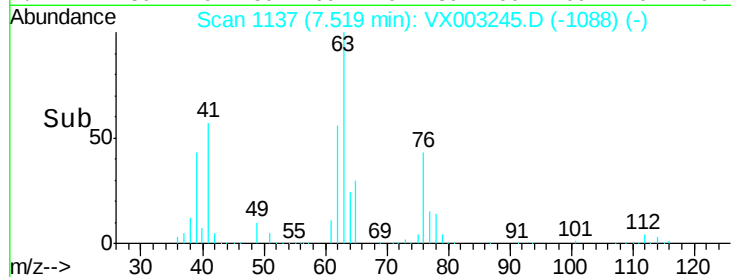
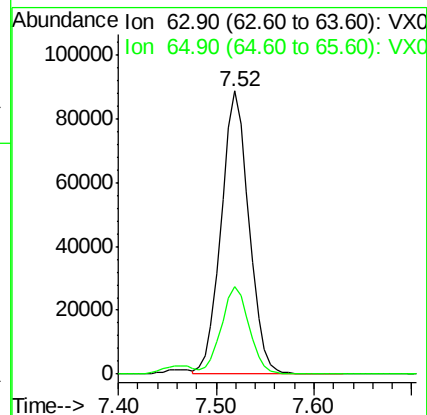
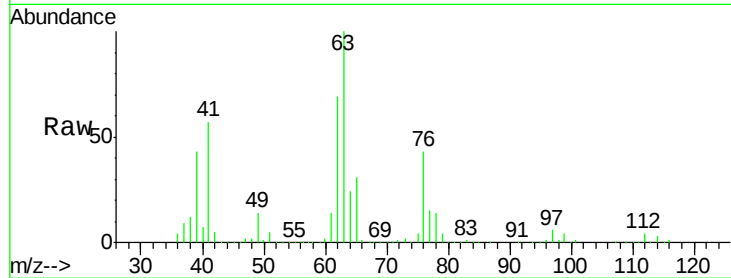
ICVVX070918

Tgt Ion: 63 Resp: 173712

Ion Ratio Lower Upper

63 100

65 31.0 24.7 37.1



#46

Dibromomethane

Concen: 46.451 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

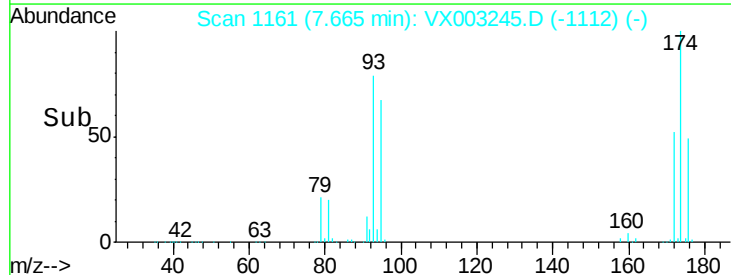
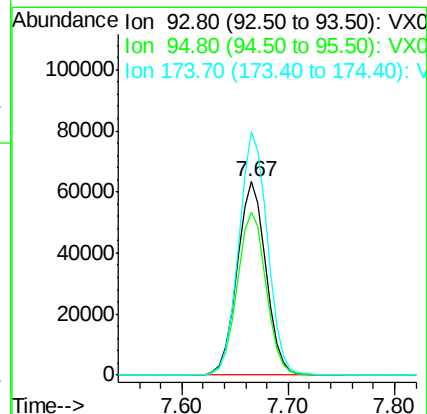
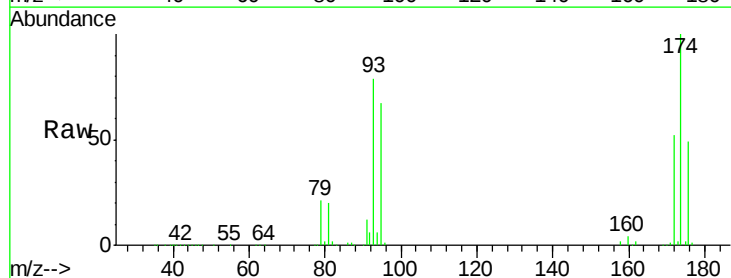
Tgt Ion: 93 Resp: 120319

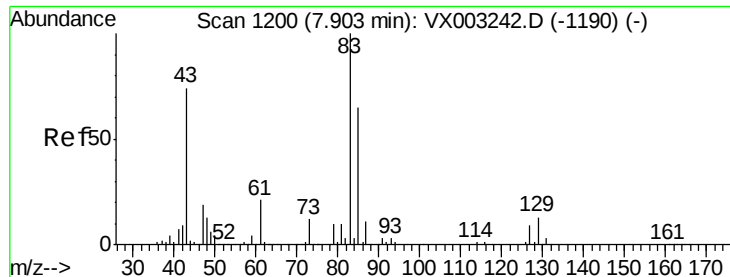
Ion Ratio Lower Upper

93 100

95 84.8 65.9 98.9

174 125.5 92.4 138.6





#47

Bromodichloromethane

Concen: 48.226 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070918

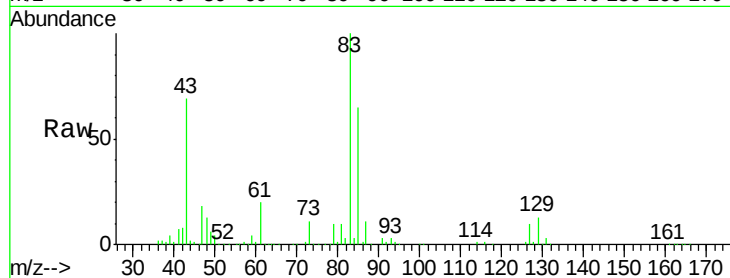
Tgt Ion: 83 Resp: 230493

Ion Ratio Lower Upper

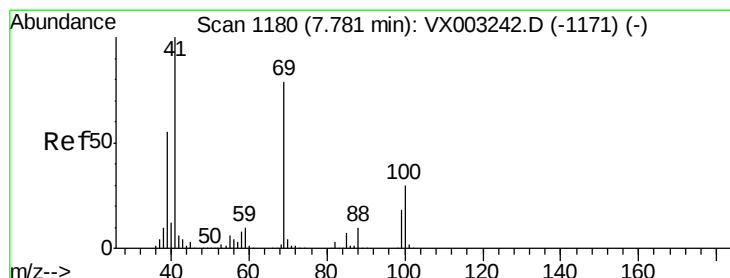
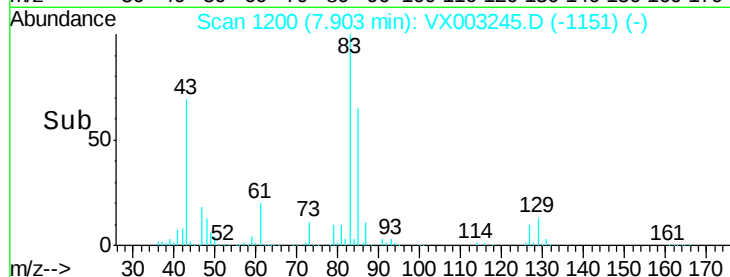
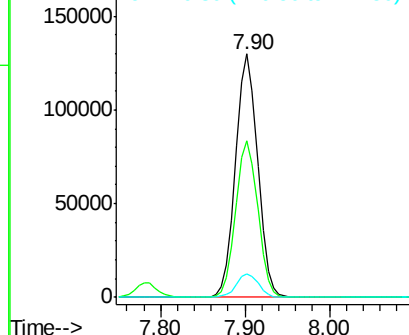
83 100

85 64.6 50.3 75.5

127 9.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.772 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

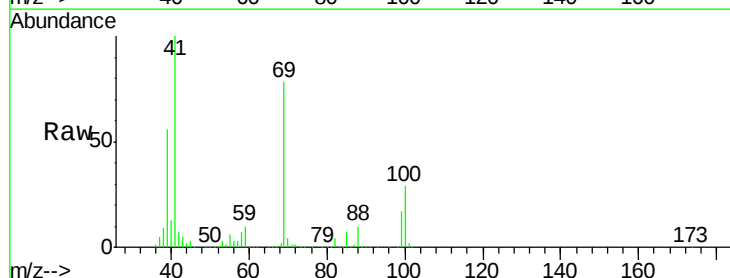
Tgt Ion: 41 Resp: 212397

Ion Ratio Lower Upper

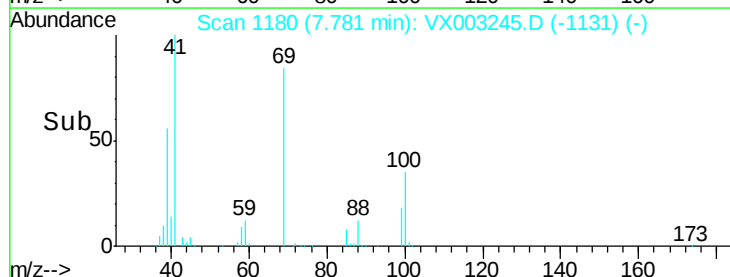
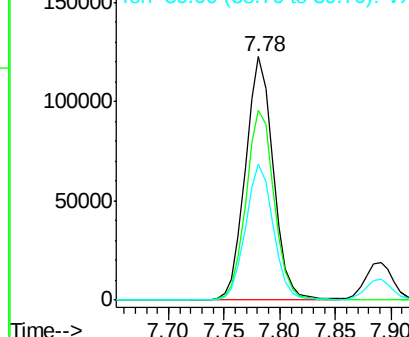
41 100

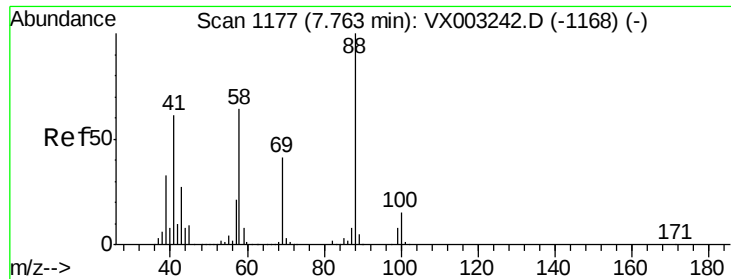
69 79.8 59.1 88.7

39 55.6 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

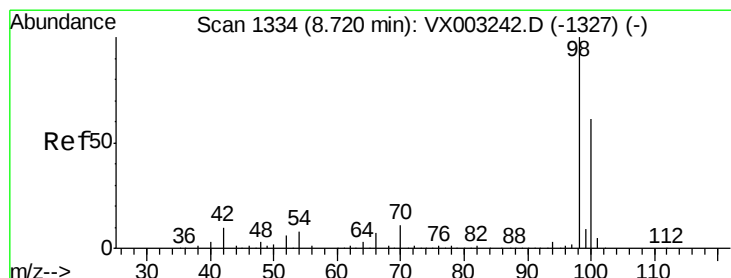
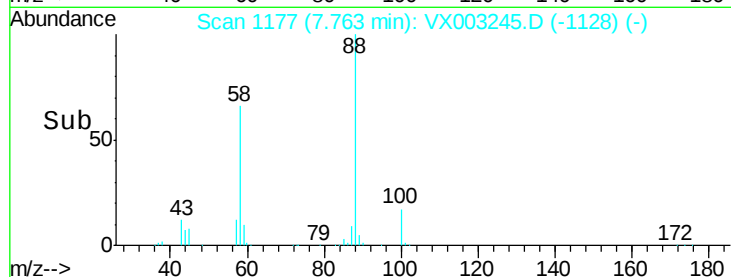
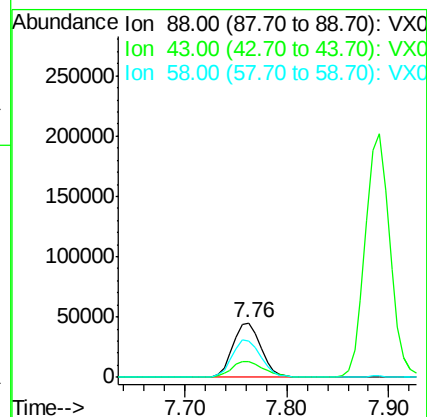
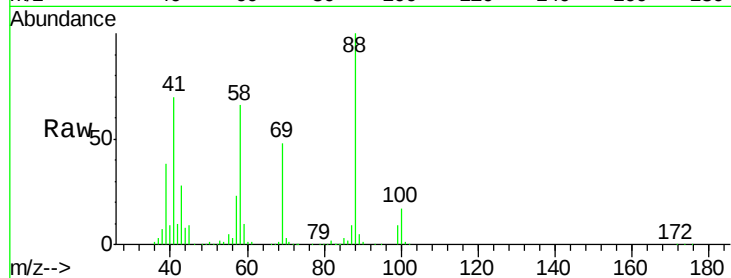




#49
 1,4-Dioxane
 Concen: 954.836 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

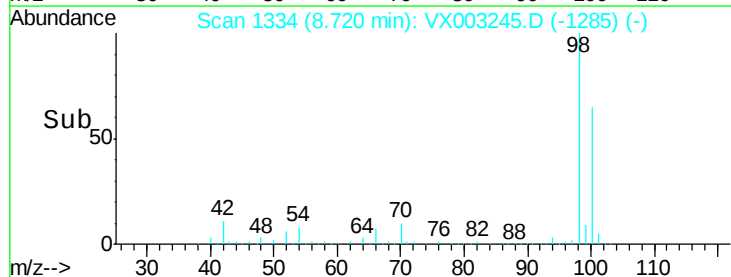
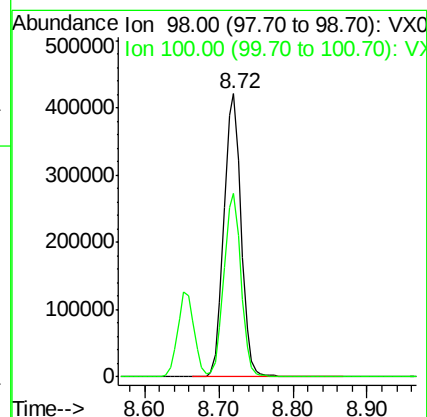
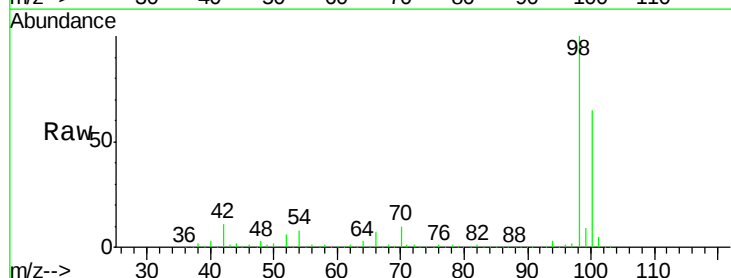
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070918

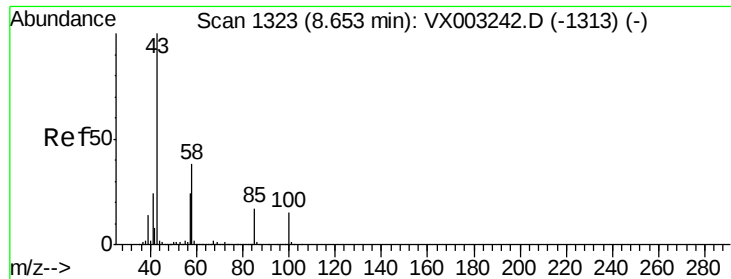
Tgt Ion: 88 Resp: 86944
 Ion Ratio Lower Upper
 88 100
 43 32.8 29.8 44.6
 58 70.5 57.1 85.7



#50
 Toluene-d8
 Concen: 50.446 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

Tgt Ion: 98 Resp: 670734
 Ion Ratio Lower Upper
 98 100
 100 64.6 50.9 76.3

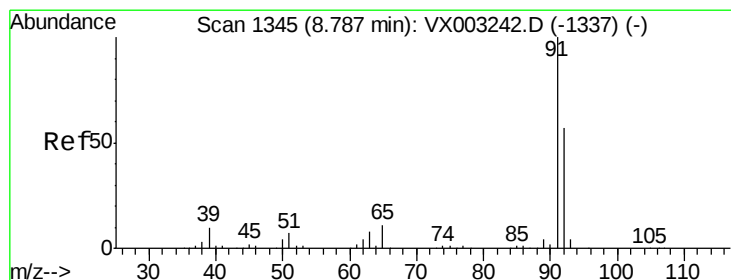
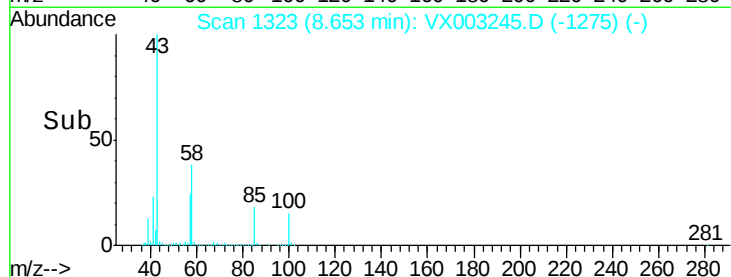
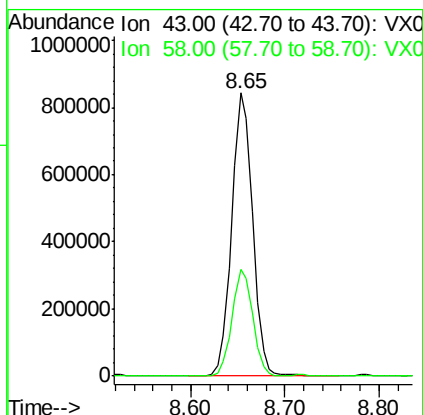
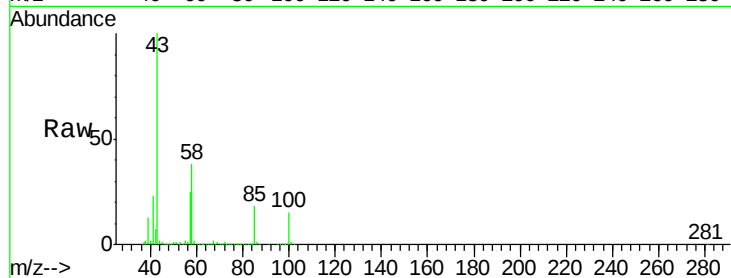




#51
 4-Methyl-2-Pentanone
 Concen: 245.824 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

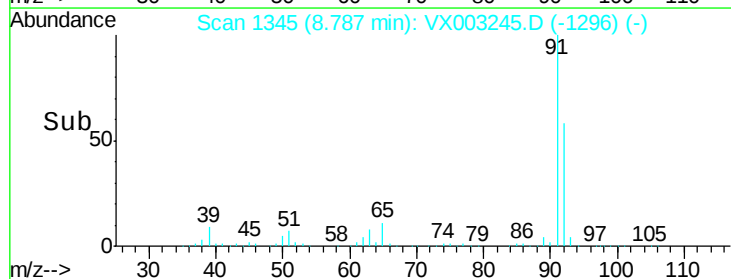
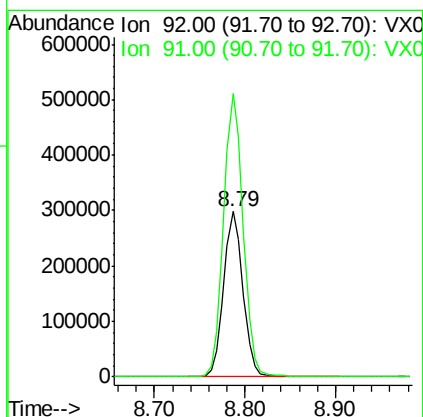
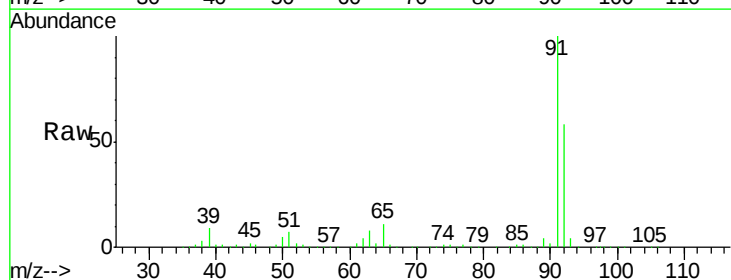
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070918

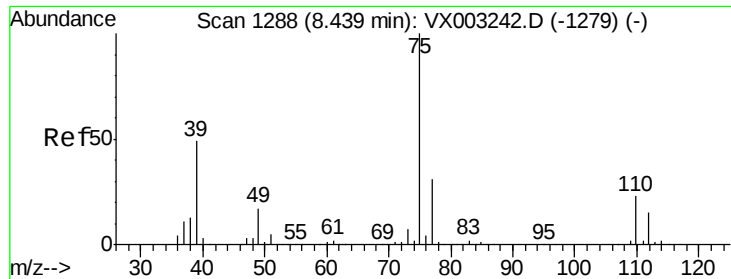
Tgt Ion: 43 Resp: 1299492
 Ion Ratio Lower Upper
 43 100
 58 37.6 28.6 42.8



#52
 Toluene
 Concen: 48.146 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

Tgt Ion: 92 Resp: 444879
 Ion Ratio Lower Upper
 92 100
 91 173.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 49.995 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

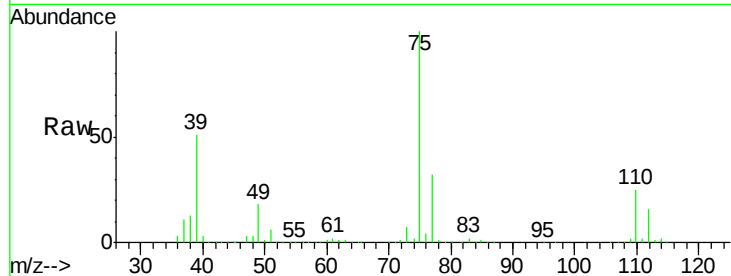
ICVVX070918

Tgt Ion: 75 Resp: 281159

Ion Ratio Lower Upper

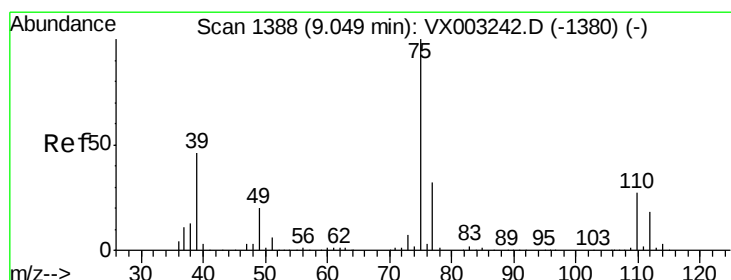
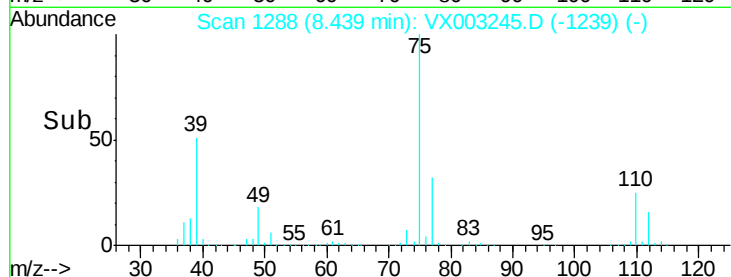
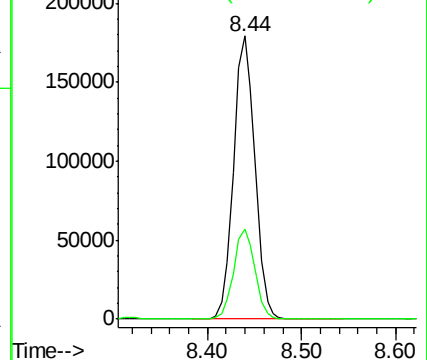
75 100

77 31.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.883 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

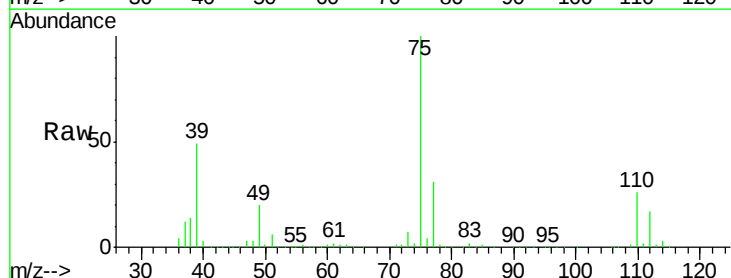
Tgt Ion: 75 Resp: 260429

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

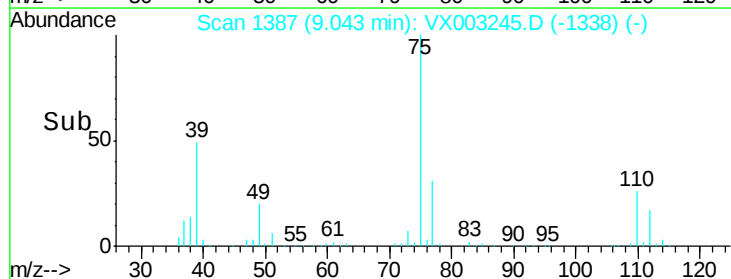
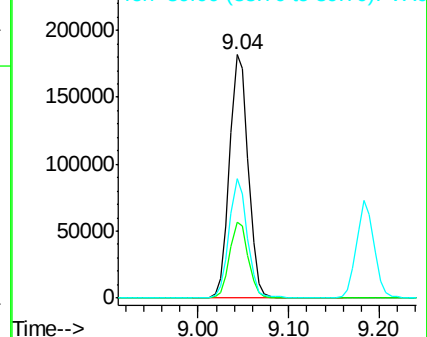
39 49.2 42.4 63.6

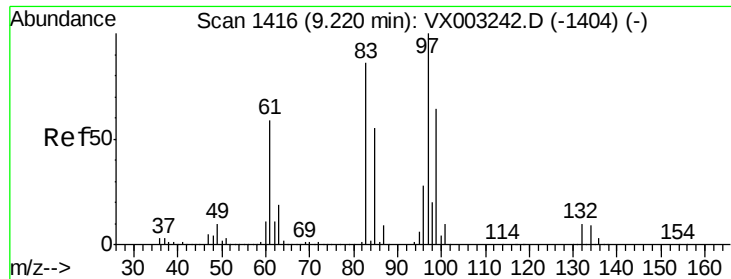


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

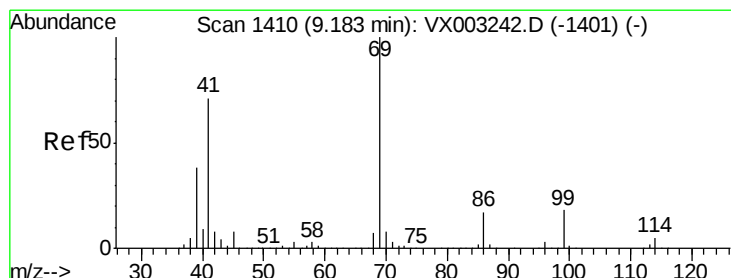
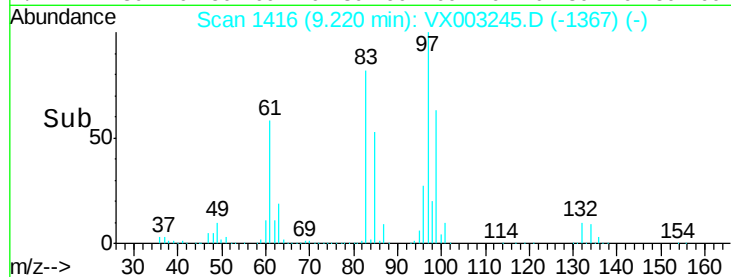
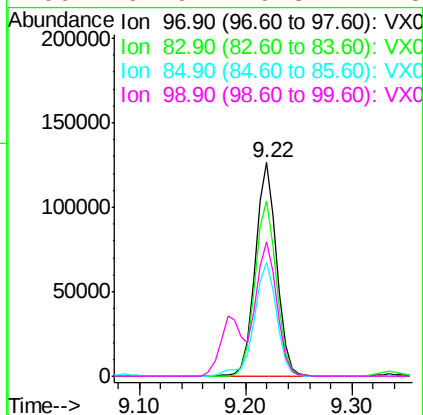
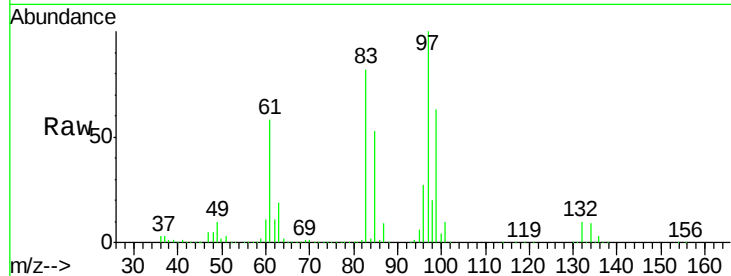




#55
 1,1,2-Trichloroethane
 Concen: 46.439 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

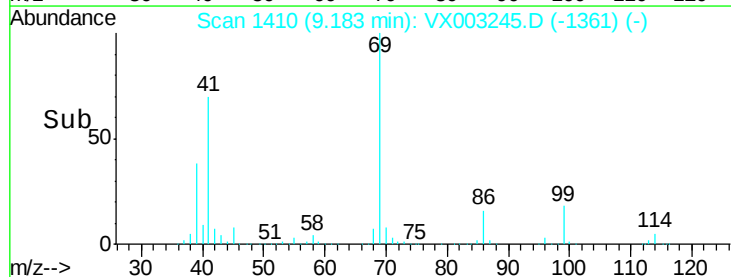
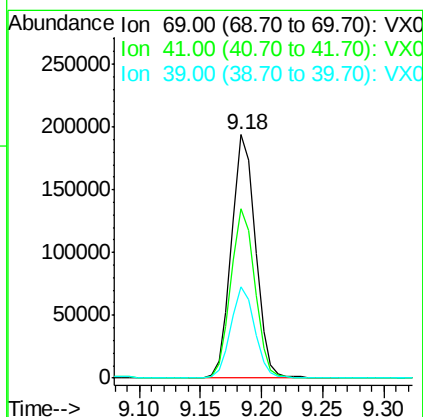
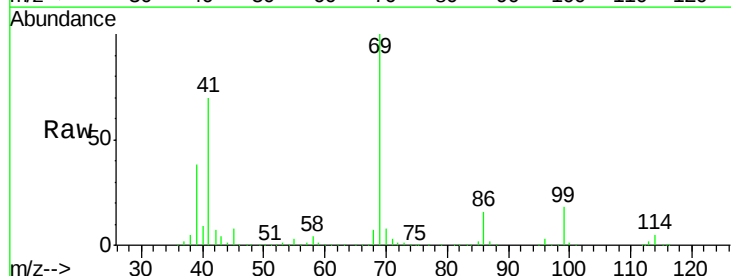
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070918

Tgt Ion:	97	Resp:	178012
Ion	Ratio	Lower	Upper
97	100		
83	82.0	70.2	105.2
85	53.2	44.9	67.3
99	62.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 50.167 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

Tgt Ion:	69	Resp:	263390
Ion	Ratio	Lower	Upper
69	100		
41	69.8	60.3	90.5
39	37.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 46.977 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

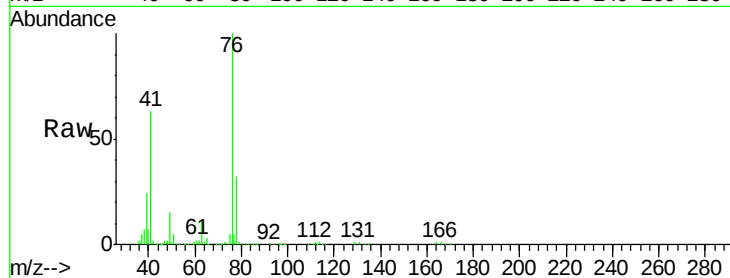
ICVVX070918

Tgt Ion: 76 Resp: 290059

Ion Ratio Lower Upper

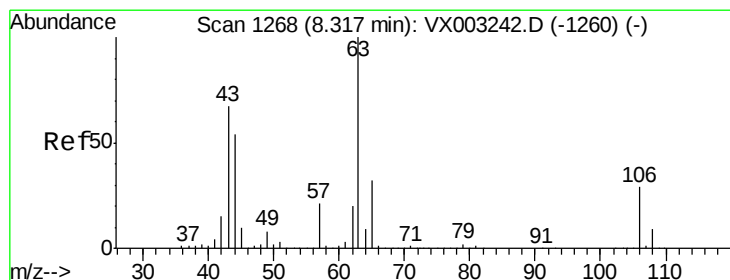
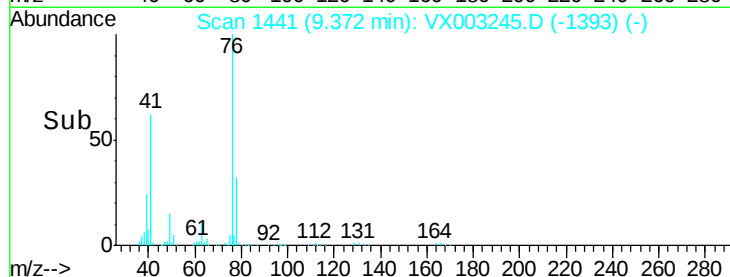
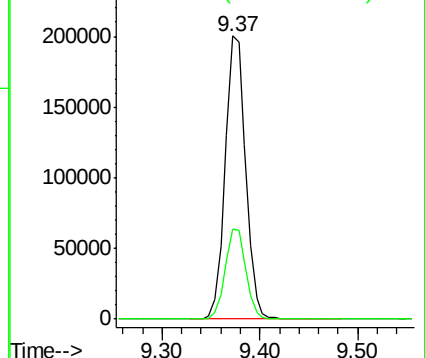
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 272.229 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003245.D

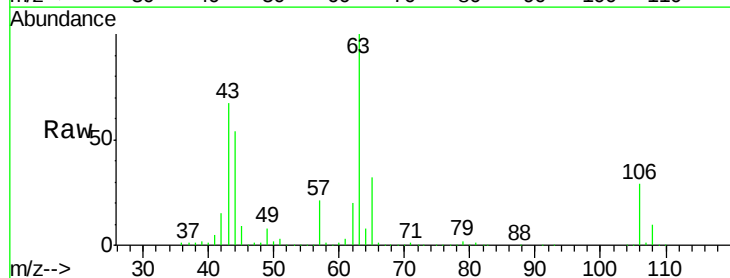
Acq: 09 Jul 2018 14:49

Tgt Ion: 63 Resp: 689456

Ion Ratio Lower Upper

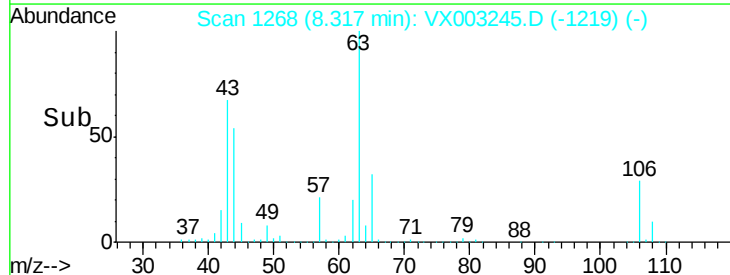
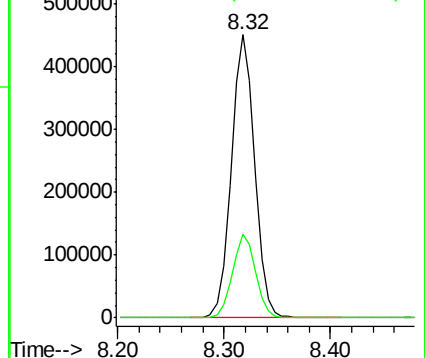
63 100

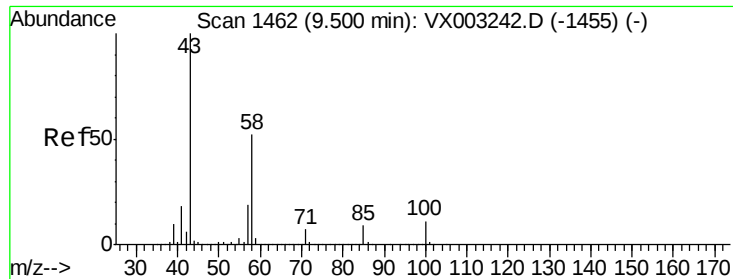
106 29.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

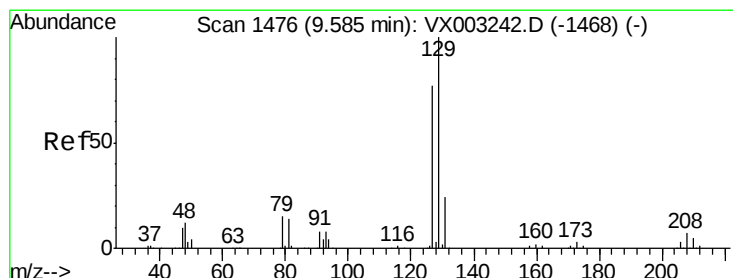
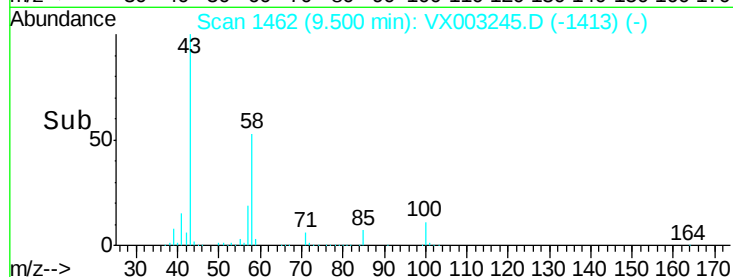
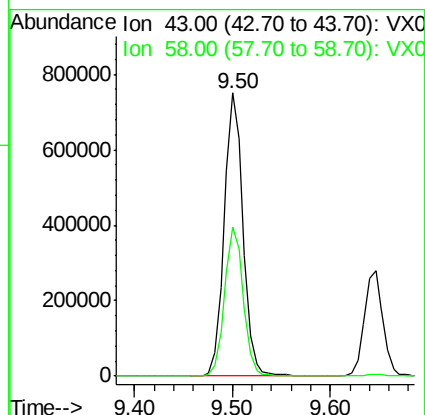
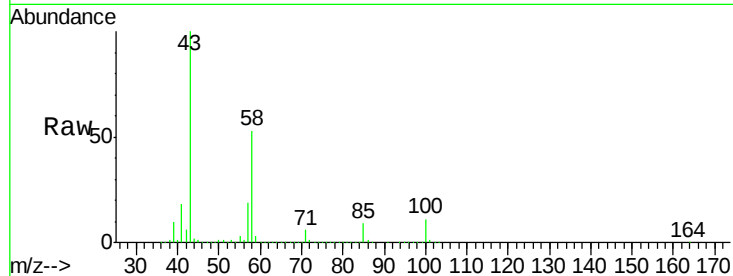




#59
2-Hexanone
Concen: 249.187 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

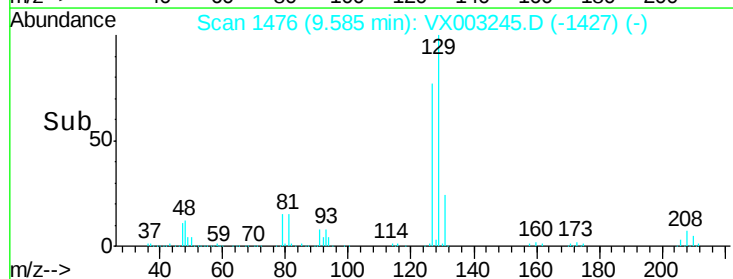
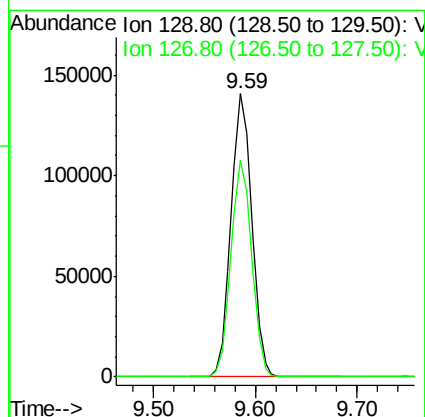
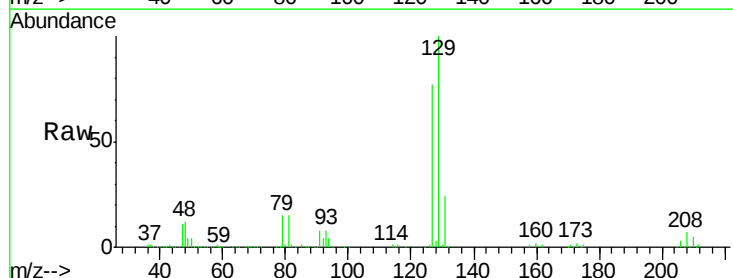
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070918

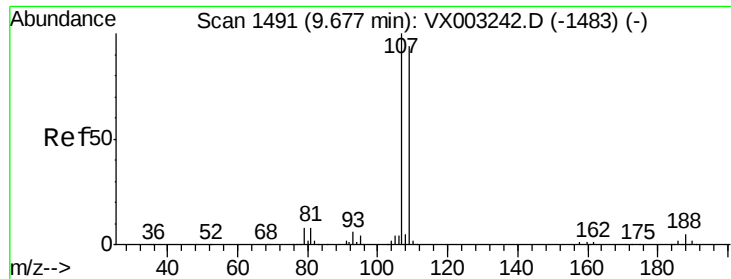
Tgt Ion: 43 Resp: 1000524
Ion Ratio Lower Upper
43 100
58 52.5 24.6 73.6



#60
Dibromochloromethane
Concen: 49.495 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Tgt Ion: 129 Resp: 198098
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 47.481 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

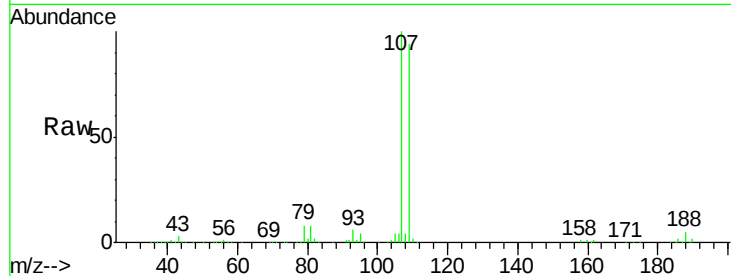
ICVVX070918

Tgt Ion: 107 Resp: 190744

Ion Ratio Lower Upper

107 100

109 94.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

150000

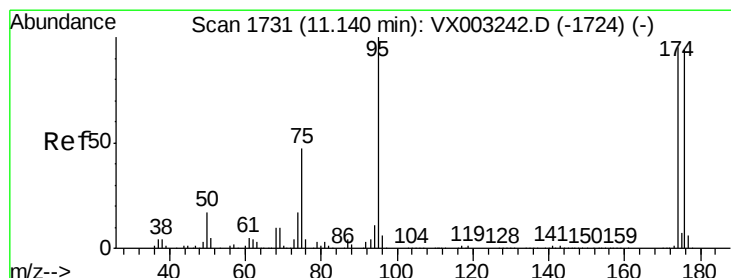
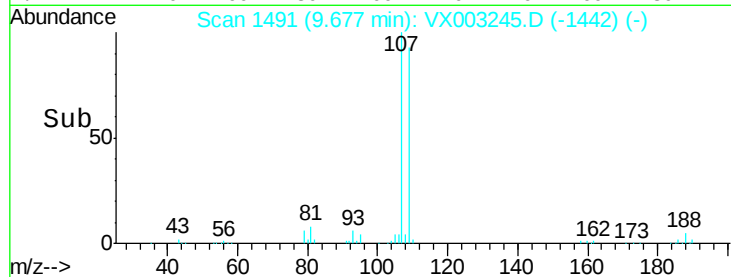
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 51.665 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

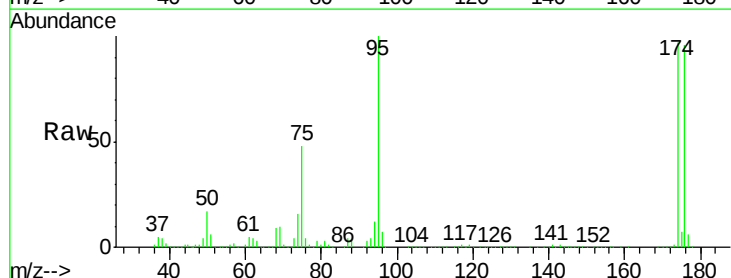
Tgt Ion: 95 Resp: 253832

Ion Ratio Lower Upper

95 100

174 99.0 0.0 187.4

176 96.6 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

250000

200000

150000

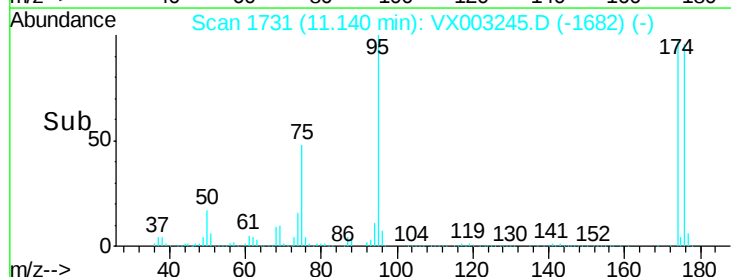
100000

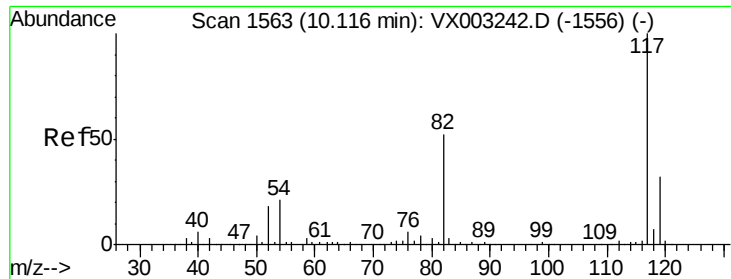
50000

0

11.10 11.20

Time-->

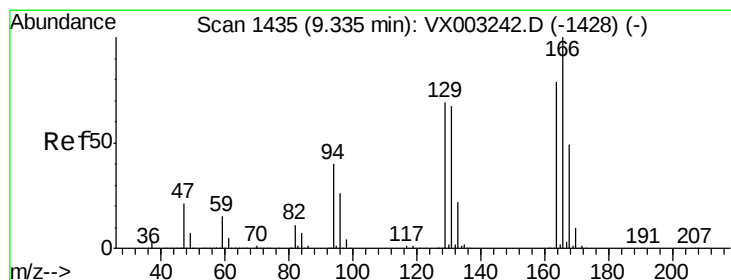
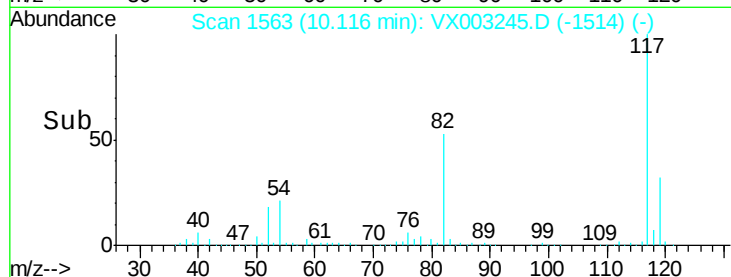
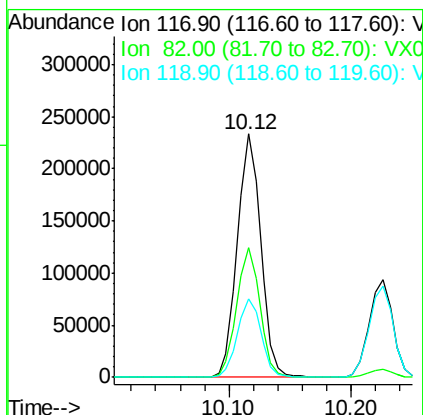
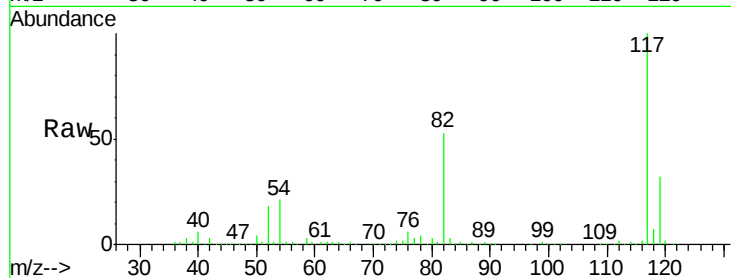




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

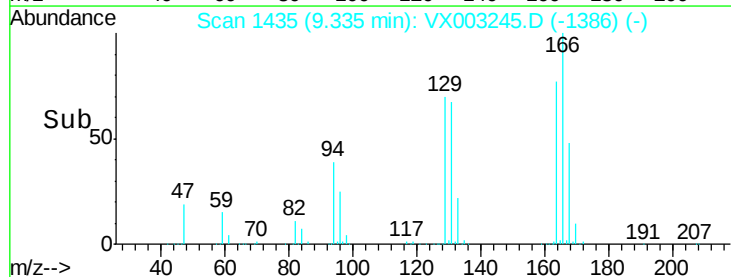
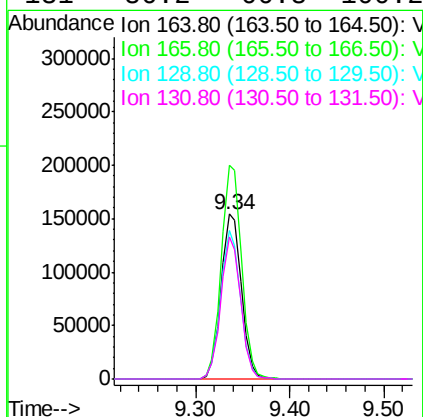
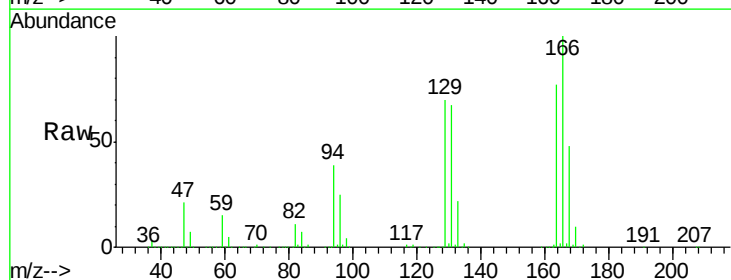
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070918

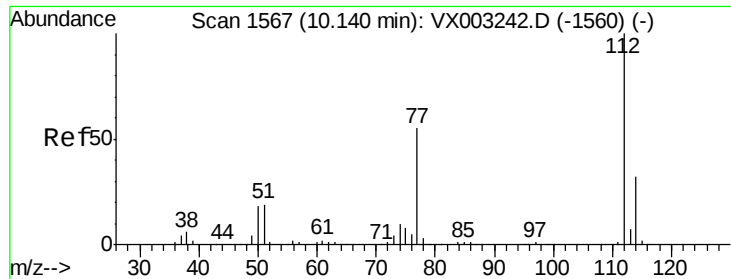
Tgt Ion:117 Resp: 310536
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 49.436 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Tgt Ion:164 Resp: 232074
Ion Ratio Lower Upper
164 100
166 129.4 102.9 154.3
129 90.3 68.6 102.8
131 86.2 66.8 100.2

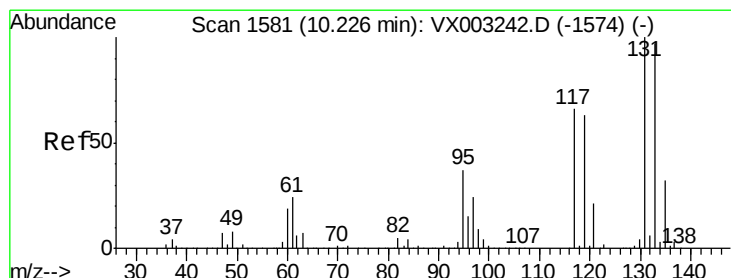
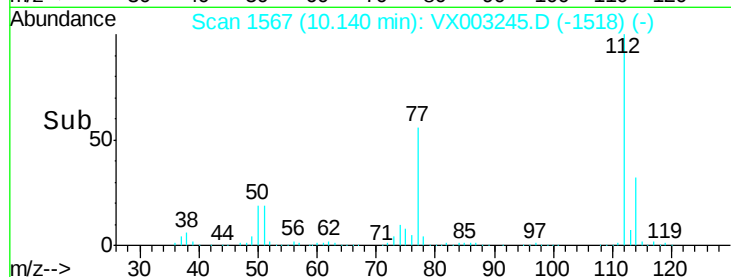
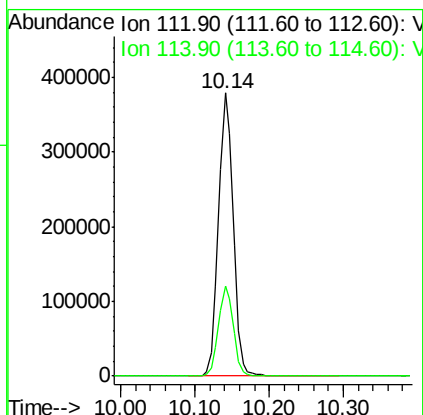
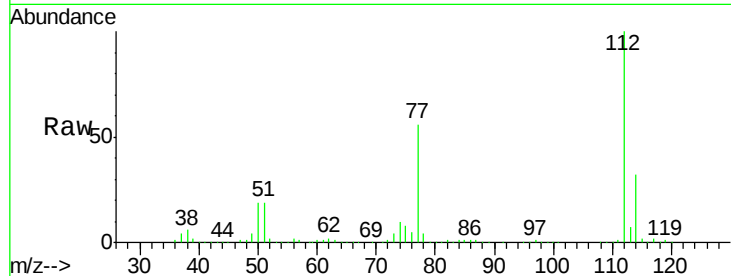




#65
Chlorobenzene
Concen: 48.816 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

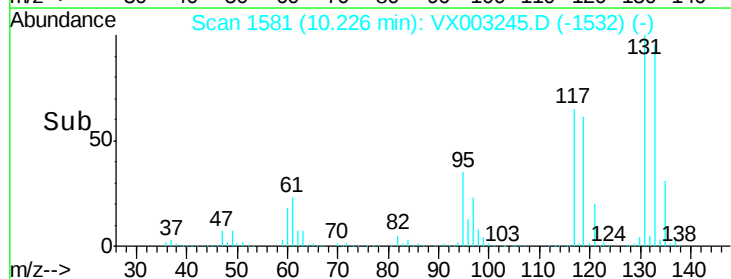
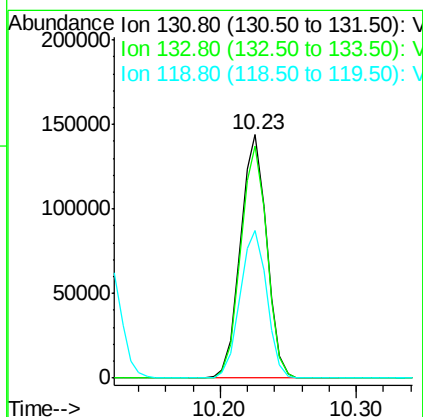
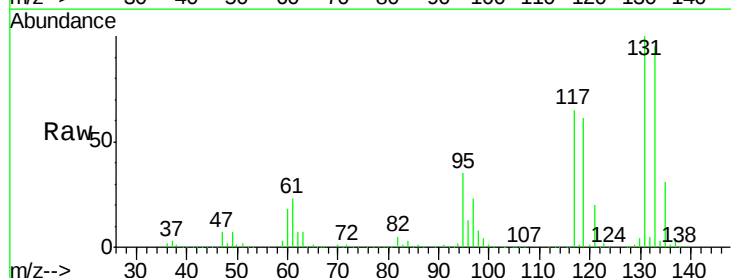
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070918

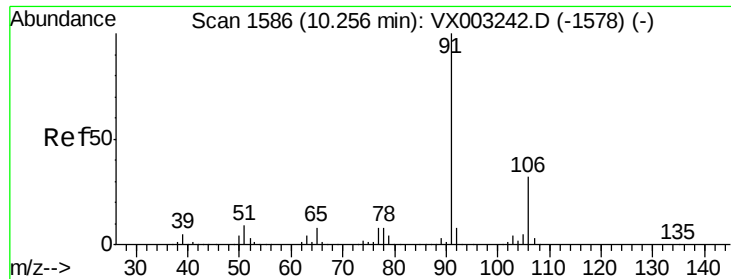
Tgt Ion:112 Resp: 515083
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.745 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Tgt Ion:131 Resp: 193187
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 62.0 31.8 95.3

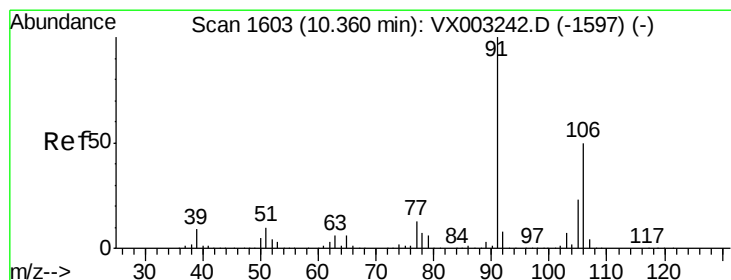
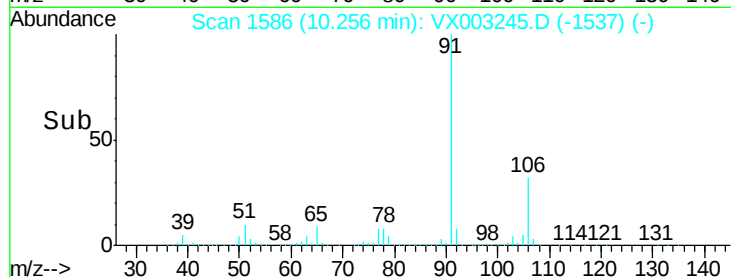
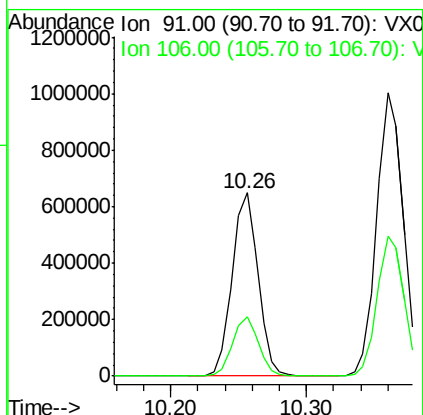
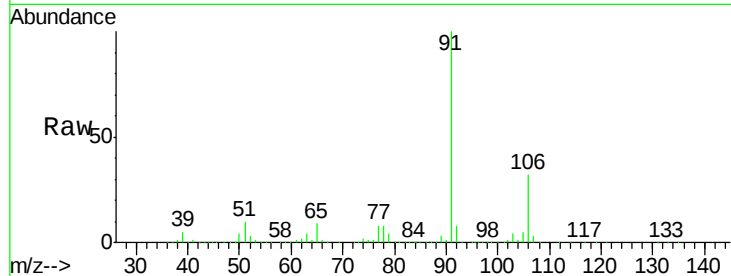




#67
Ethyl Benzene
Concen: 50.734 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

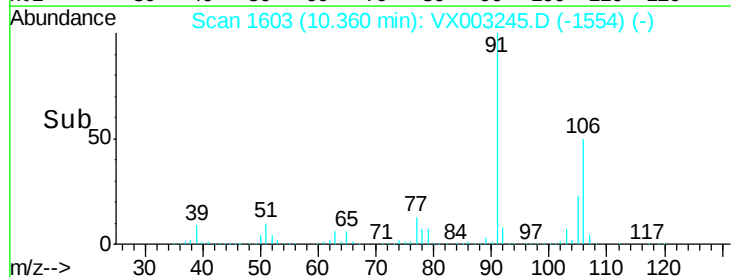
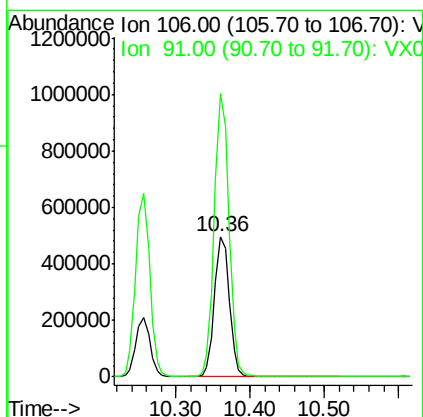
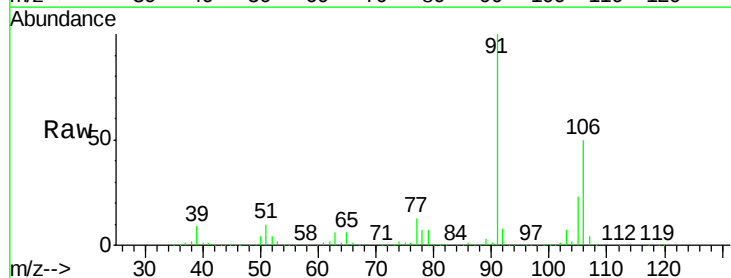
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070918

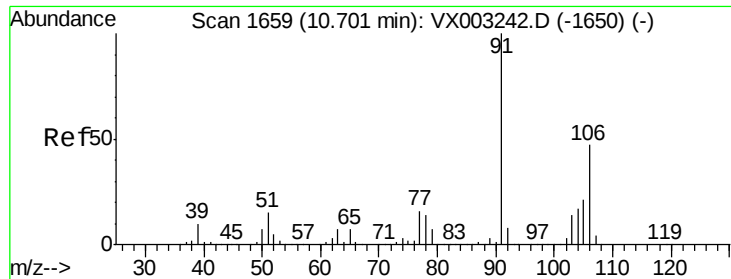
Tgt Ion: 91 Resp: 865724
Ion Ratio Lower Upper
91 100
106 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 103.183 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Tgt Ion: 106 Resp: 684941
Ion Ratio Lower Upper
106 100
91 199.2 163.4 245.2

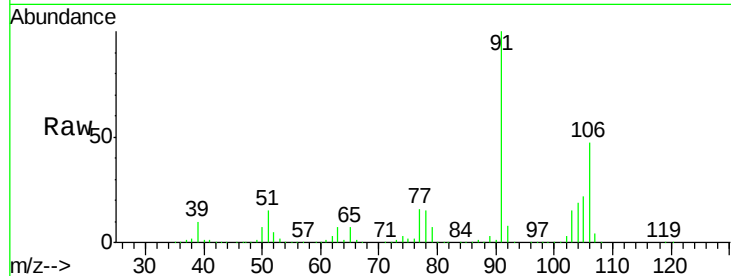




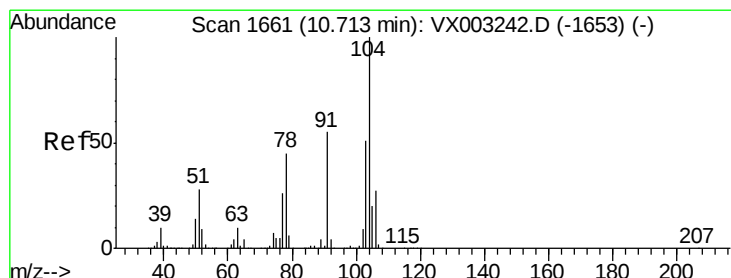
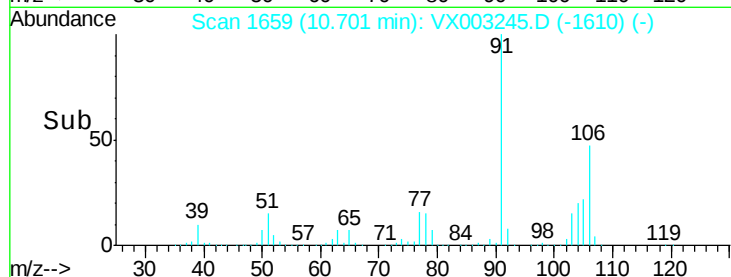
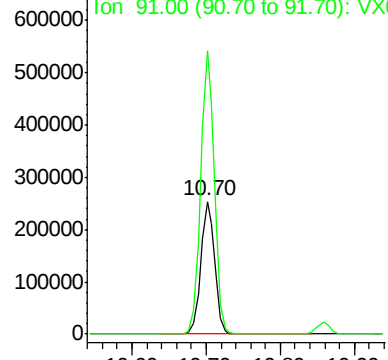
#69
o-Xylene
Concen: 50.923 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070918

Tgt Ion:106 Resp: 327481
Ion Ratio Lower Upper
106 100
91 211.5 108.2 324.6

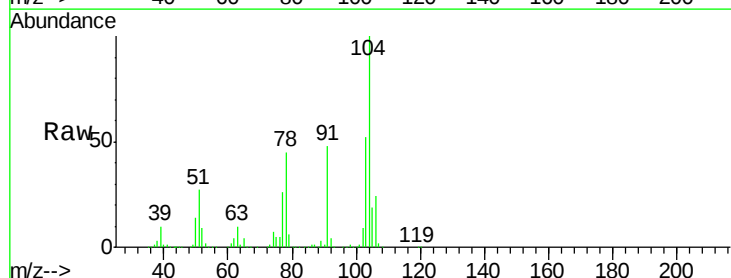


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

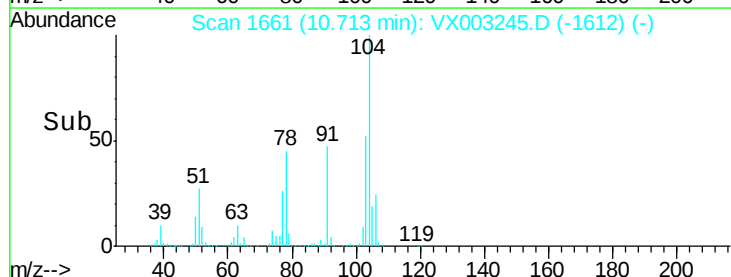
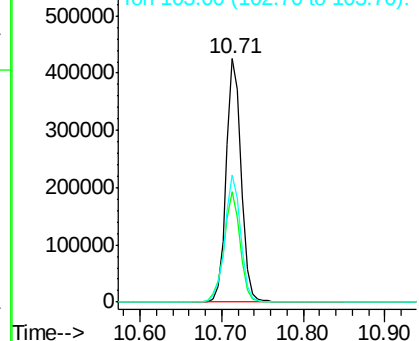


#70
Styrene
Concen: 52.063 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Tgt Ion:104 Resp: 542908
Ion Ratio Lower Upper
104 100
78 49.1 41.0 61.6
103 55.6 44.2 66.4



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

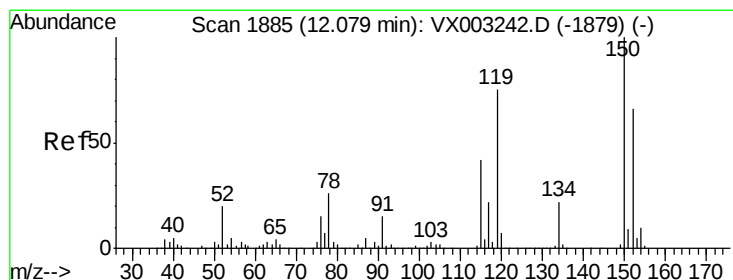
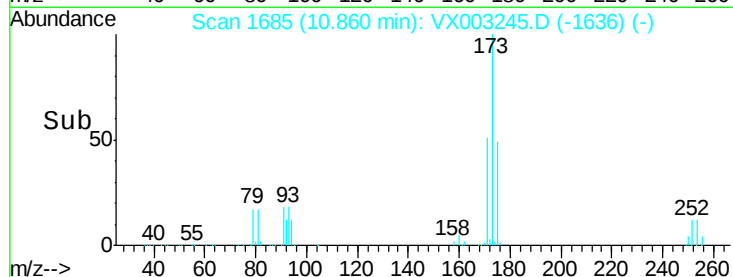
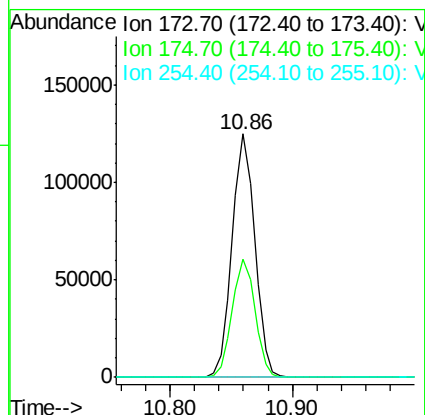
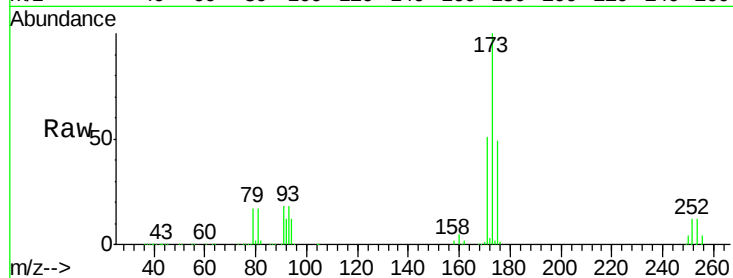




#71
Bromoform
Concen: 51.074 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

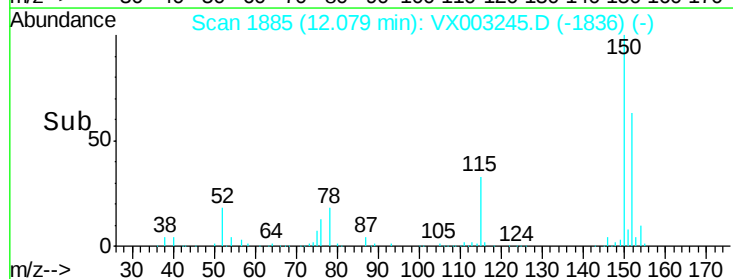
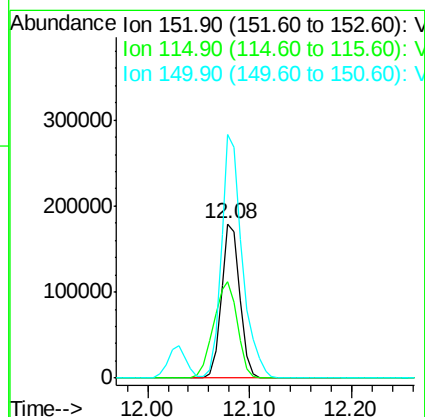
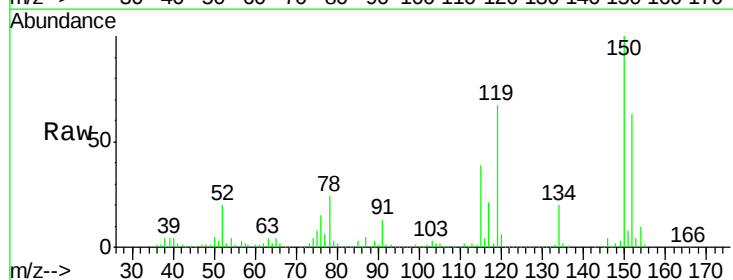
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070918

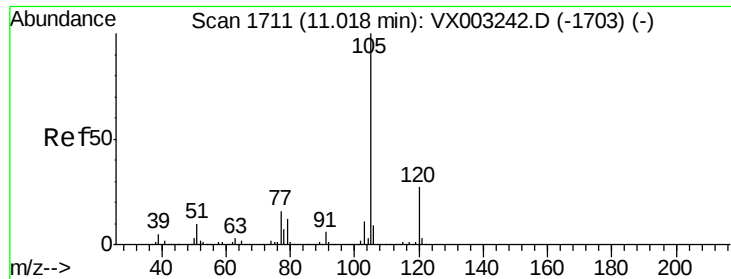
Tgt Ion:173 Resp: 159982
Ion Ratio Lower Upper
173 100
175 48.9 24.7 74.1
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Tgt Ion:152 Resp: 226406
Ion Ratio Lower Upper
152 100
115 80.8 40.1 120.2
150 177.6 0.0 347.2





#73

Isopropylbenzene

Concen: 50.082 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

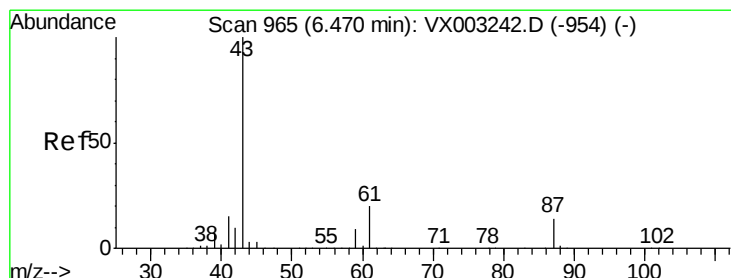
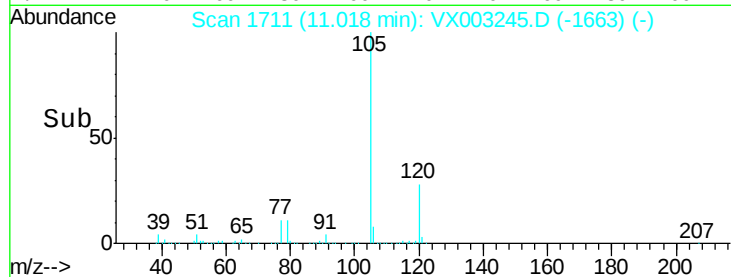
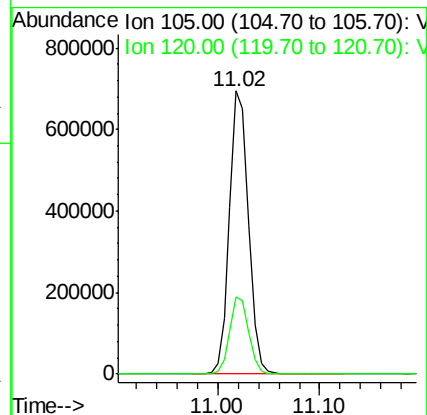
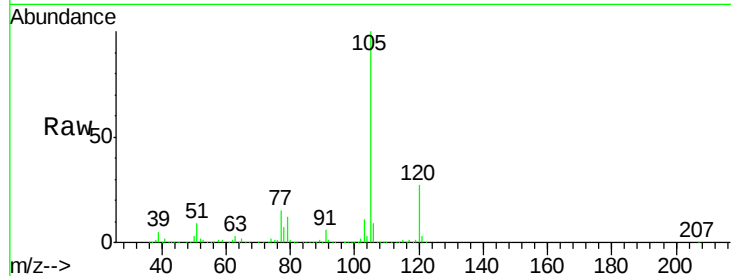
ICVVX070918

Tgt Ion: 105 Resp: 895245

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 47.532 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Tgt Ion: 43 Resp: 405332

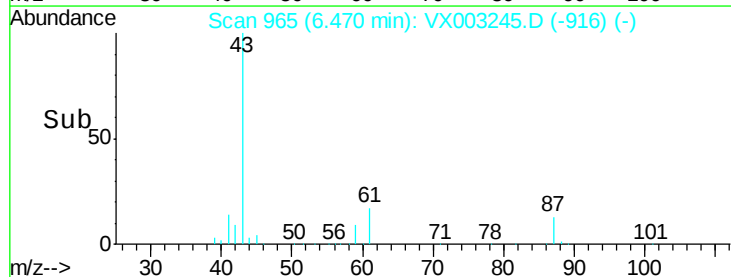
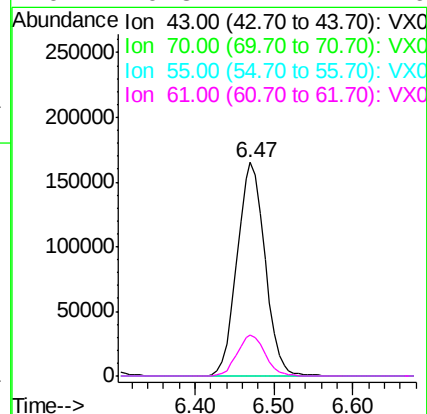
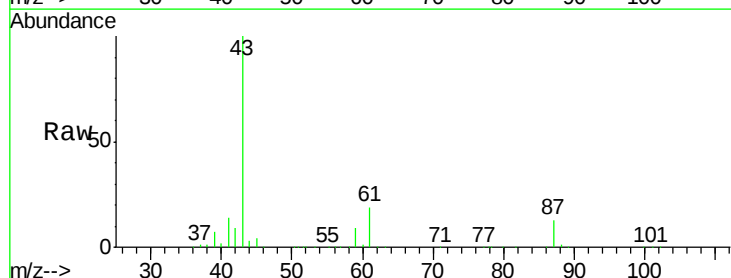
Ion Ratio Lower Upper

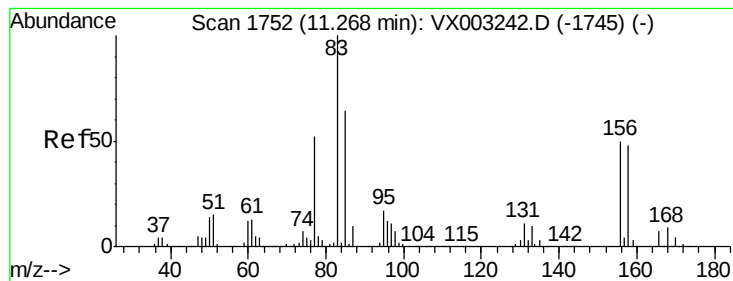
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.057 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampled :

ICVVX070918

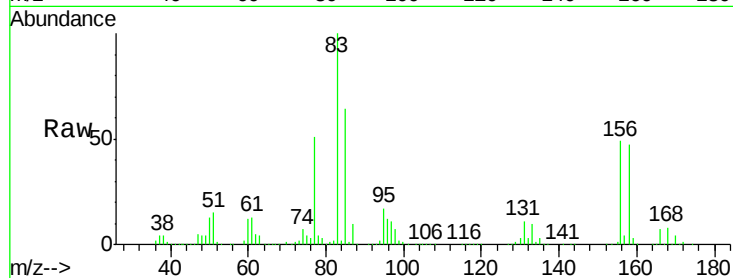
Tgt Ion: 83 Resp: 260906

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

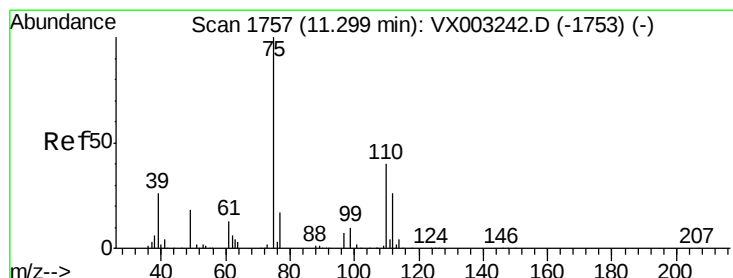
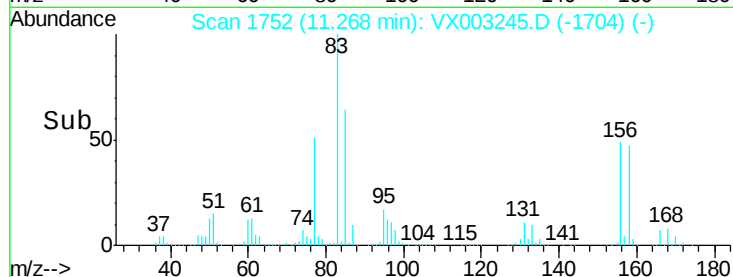
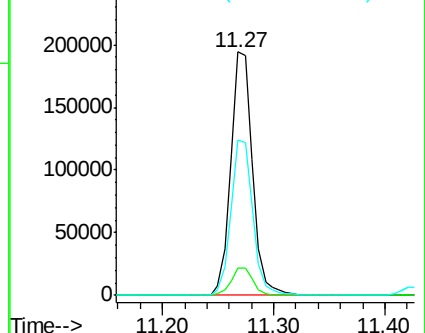
85 64.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.742 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003245.D

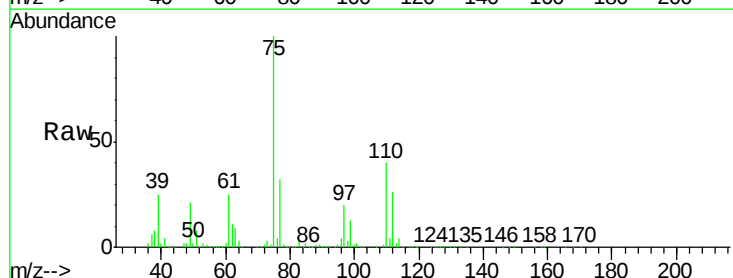
Acq: 09 Jul 2018 14:49

Tgt Ion: 75 Resp: 311891

Ion Ratio Lower Upper

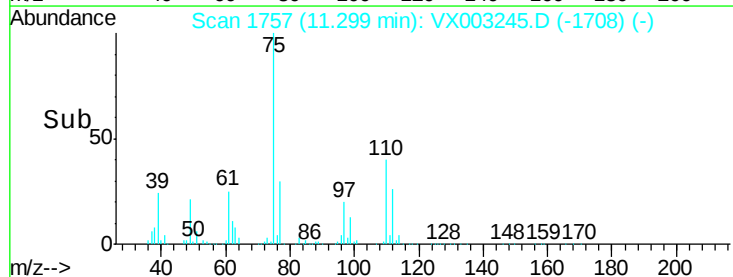
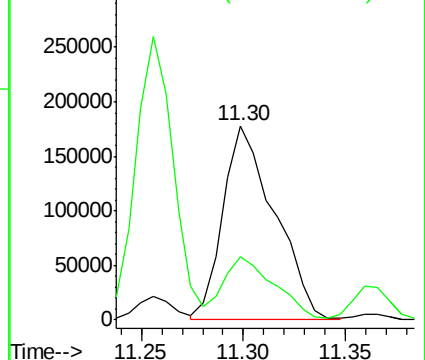
75 100

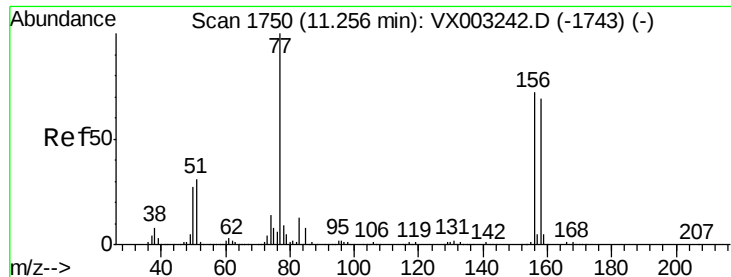
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.063 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070918

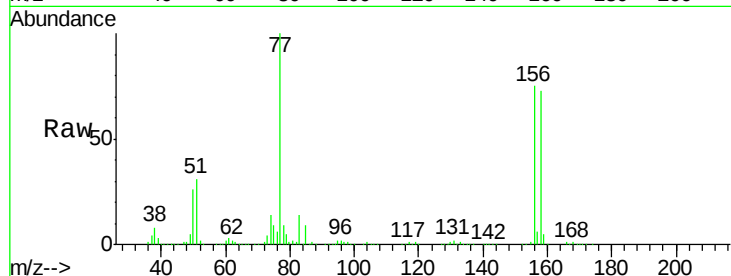
Tgt Ion:156 Resp: 253217

Ion Ratio Lower Upper

156 100

77 131.6 71.4 214.2

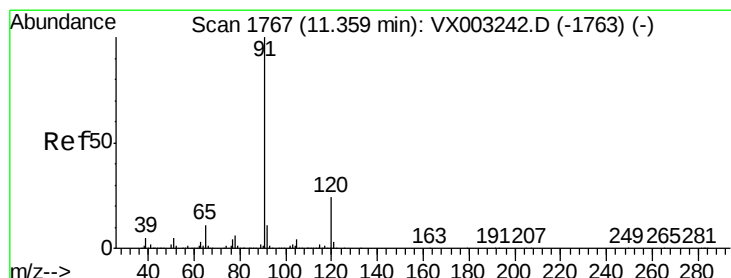
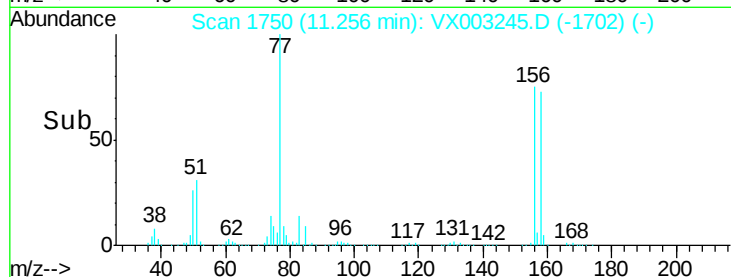
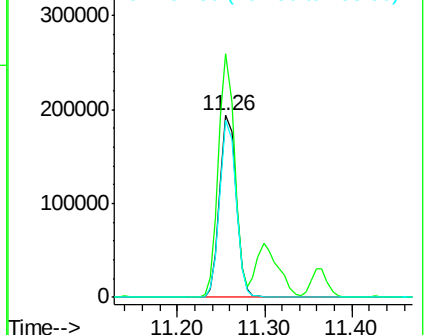
158 96.3 48.9 146.6



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: 51.015 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003245.D

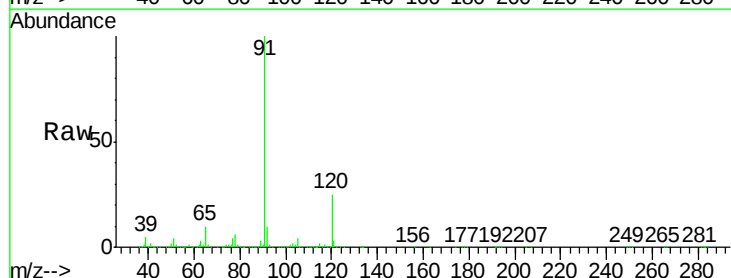
Acq: 09 Jul 2018 14:49

Tgt Ion: 91 Resp: 1013912

Ion Ratio Lower Upper

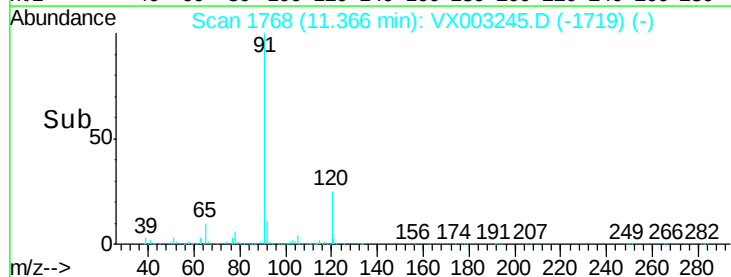
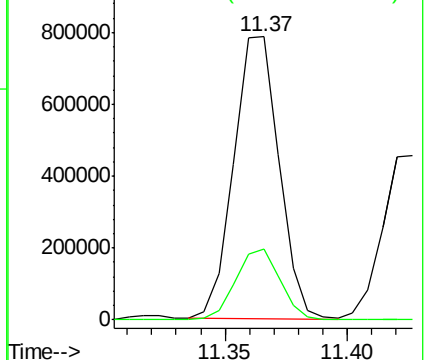
91 100

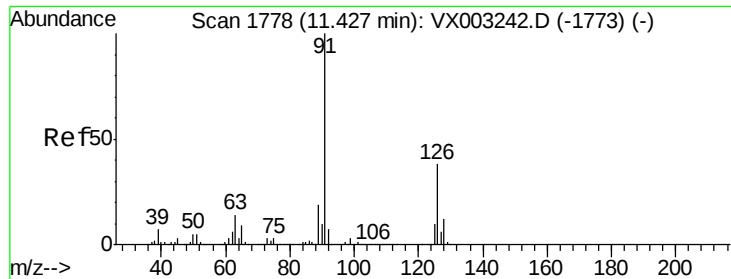
120 24.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.122 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

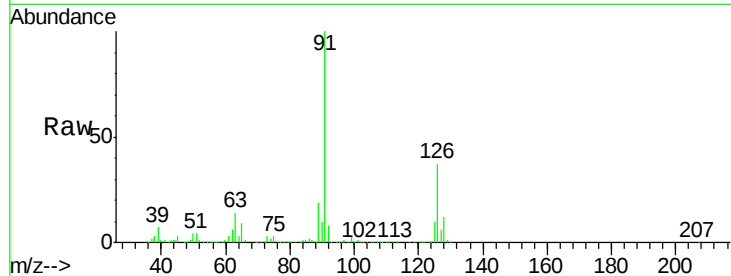
ICVVX070918

Tgt Ion: 91 Resp: 594780

Ion Ratio Lower Upper

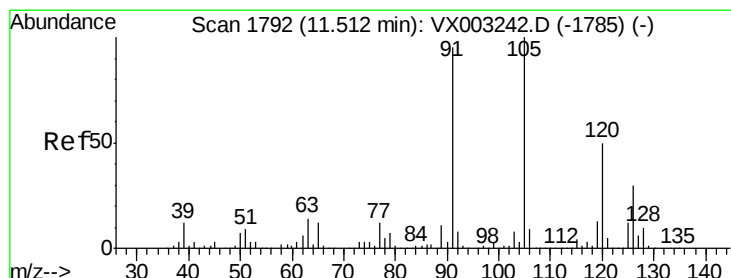
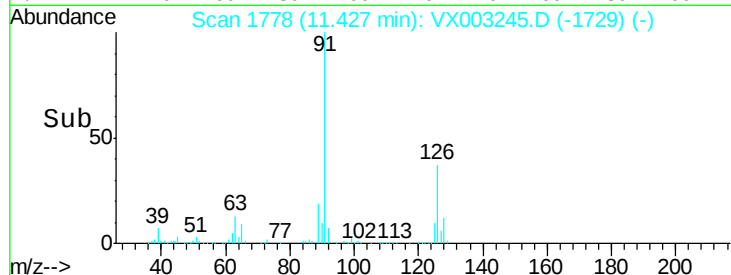
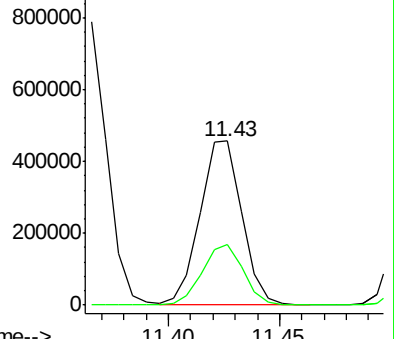
91 100

126 36.6 17.7 53.1



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: 50.676 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003245.D

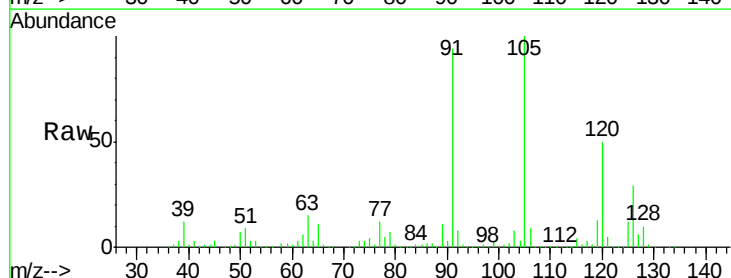
Acq: 09 Jul 2018 14:49

Tgt Ion: 105 Resp: 754300

Ion Ratio Lower Upper

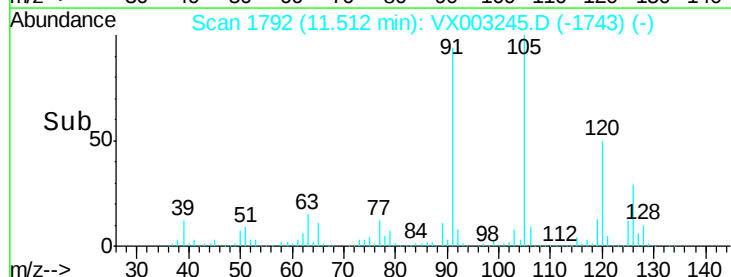
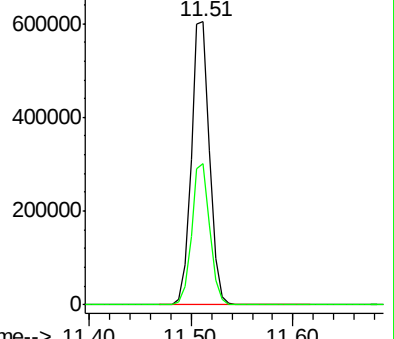
105 100

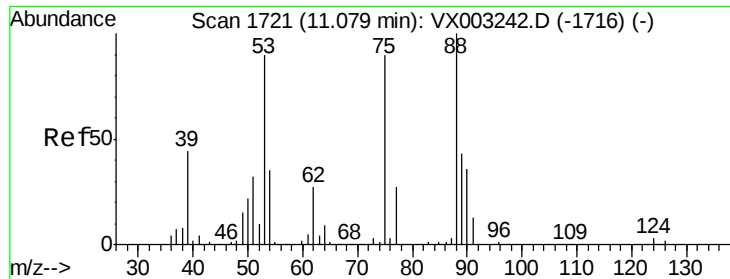
120 49.6 24.4 73.4



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: 53.305 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070918

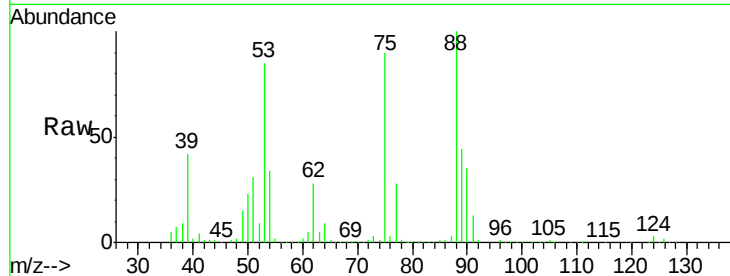
Tgt Ion: 75 Resp: 79803

Ion Ratio Lower Upper

75 100

53 100.7 86.8 130.2

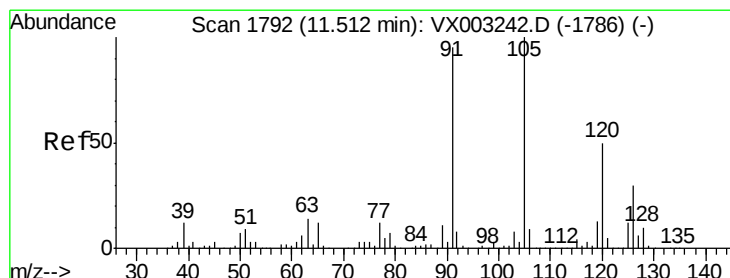
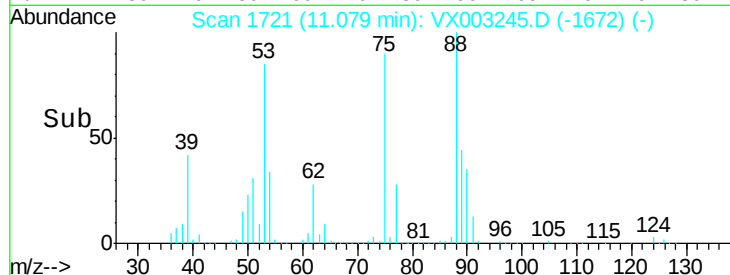
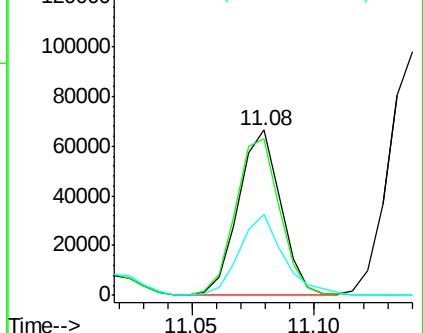
89 51.8 38.2 57.2



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: 49.880 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003245.D

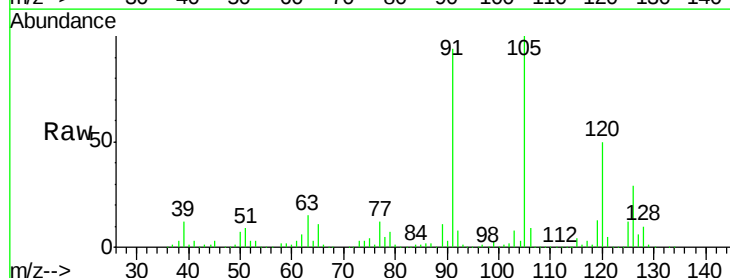
Acq: 09 Jul 2018 14:49

Tgt Ion: 91 Resp: 705171

Ion Ratio Lower Upper

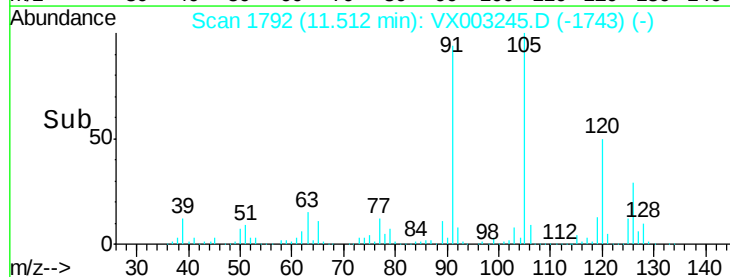
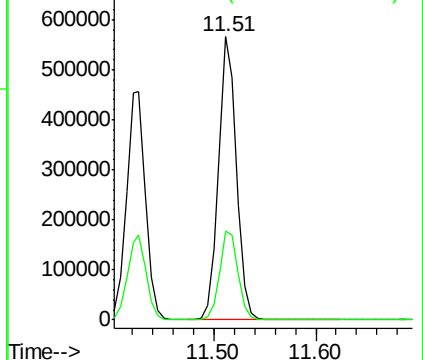
91 100

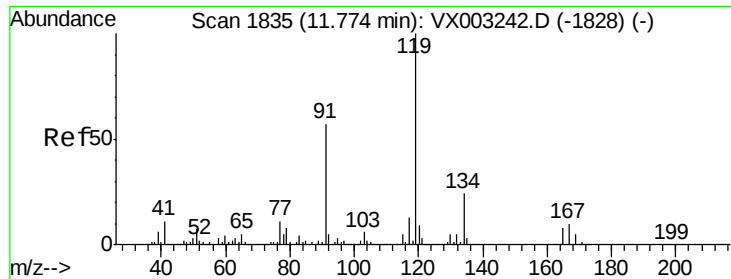
126 32.0 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

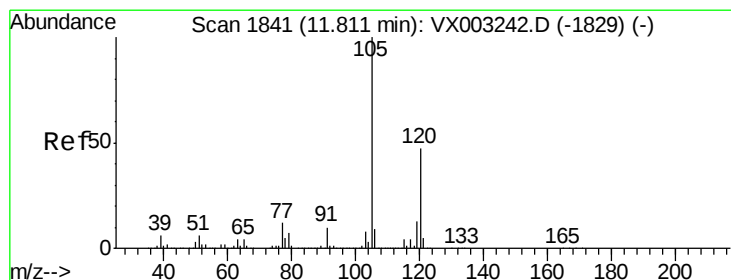
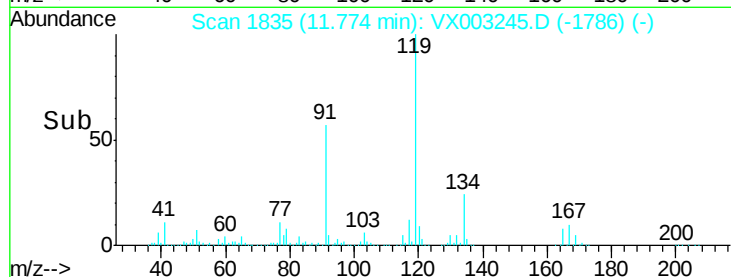
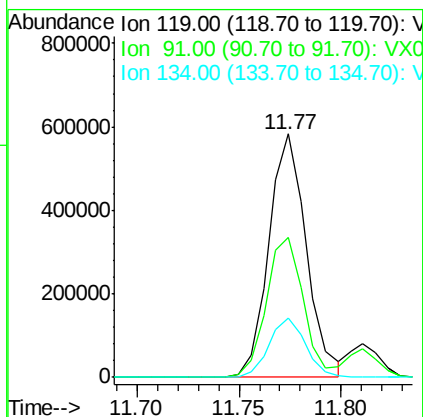
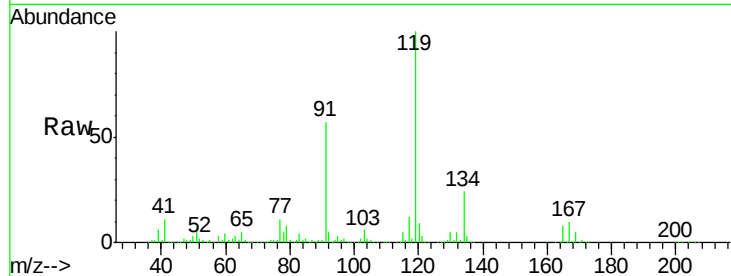




#83
 tert-Butylbenzene
 Concen: 50.206 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

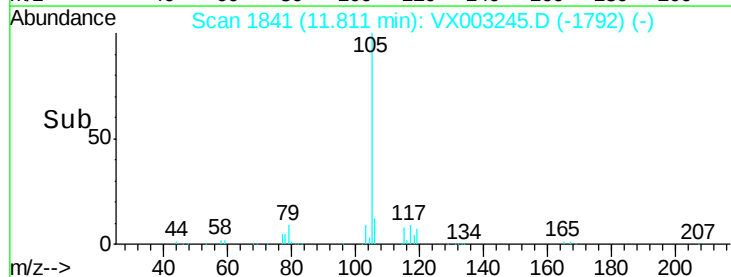
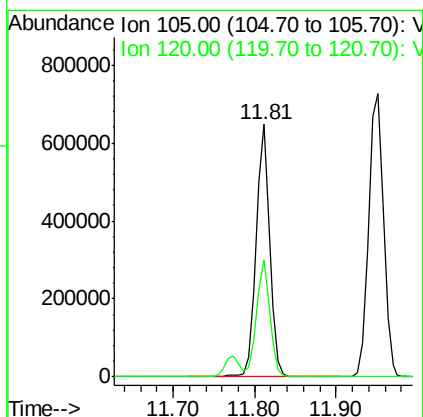
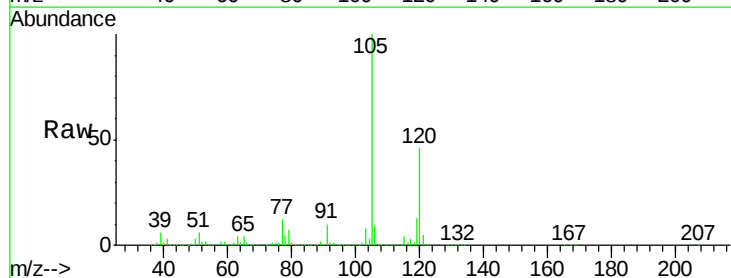
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070918

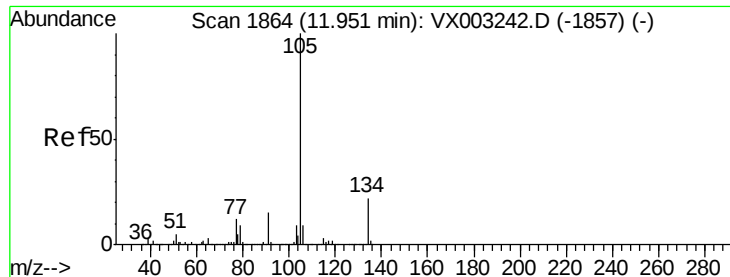
Tgt Ion:119 Resp: 746480
 Ion Ratio Lower Upper
 119 100
 91 56.0 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.900 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

Tgt Ion:105 Resp: 775839
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.100 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

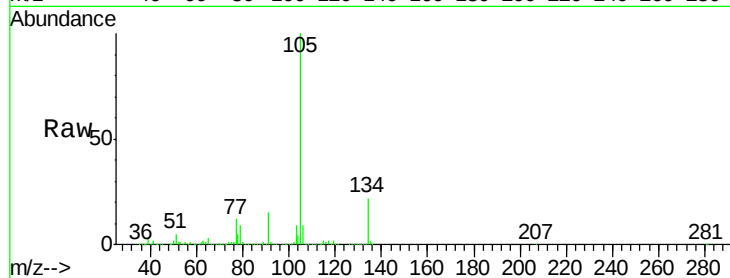
ICVVX070918

Tgt Ion:105 Resp: 898008

Ion Ratio Lower Upper

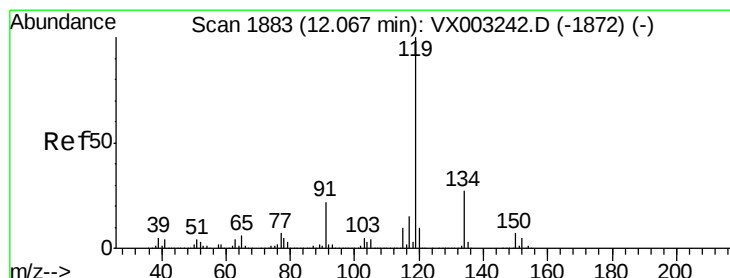
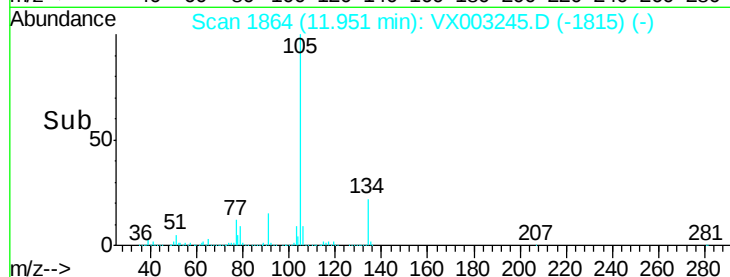
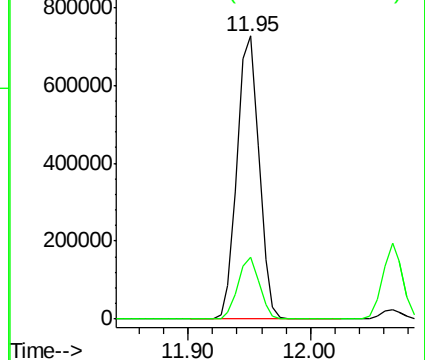
105 100

134 21.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.685 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

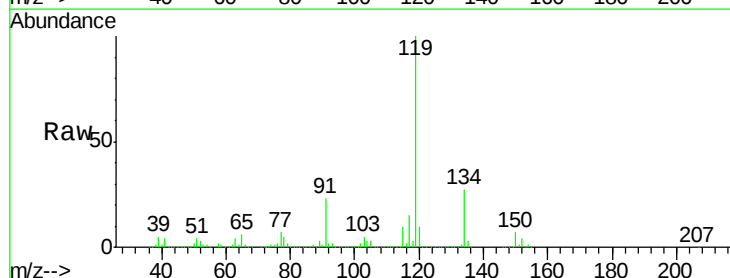
Tgt Ion:119 Resp: 827530

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

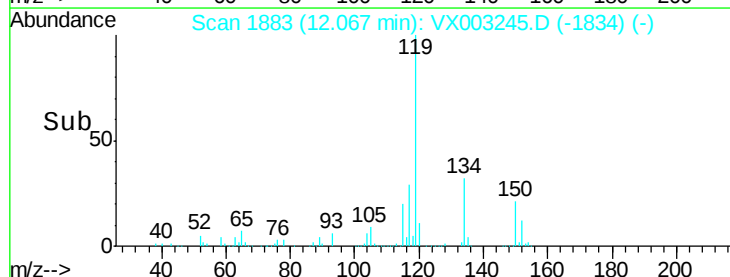
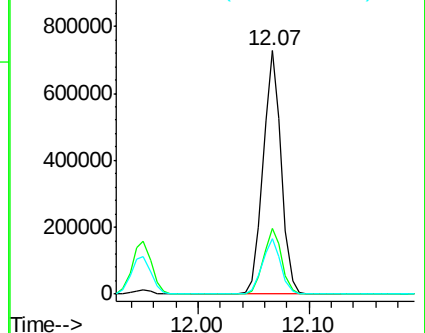
91 22.7 11.9 35.7

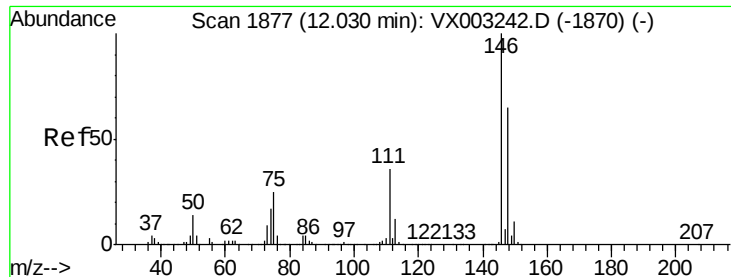


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.777 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070918

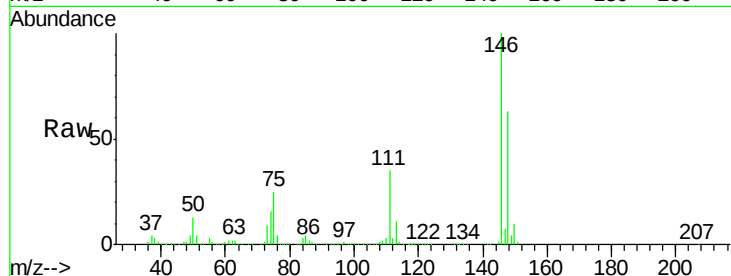
Tgt Ion:146 Resp: 461790

Ion Ratio Lower Upper

146 100

111 36.6 18.9 56.7

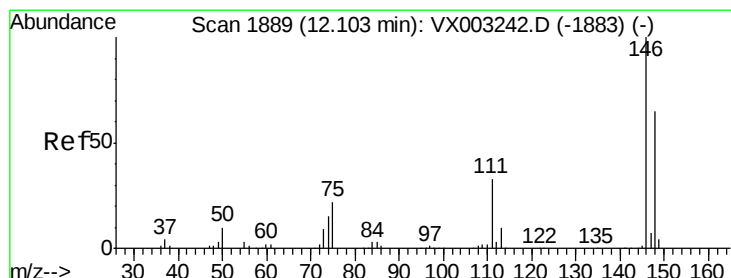
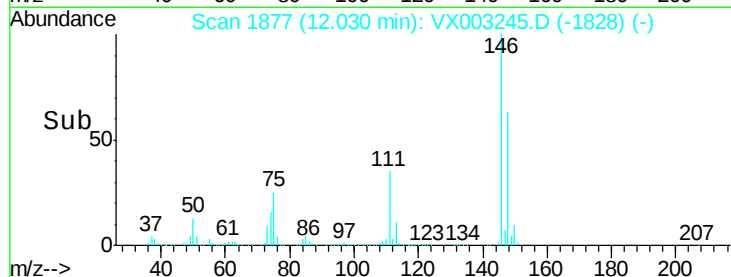
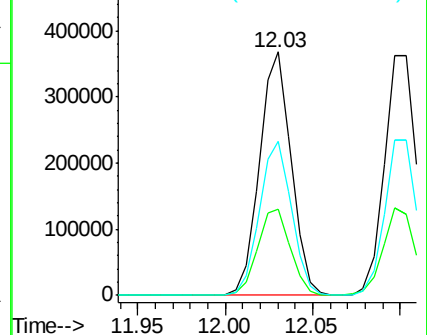
148 64.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.496 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

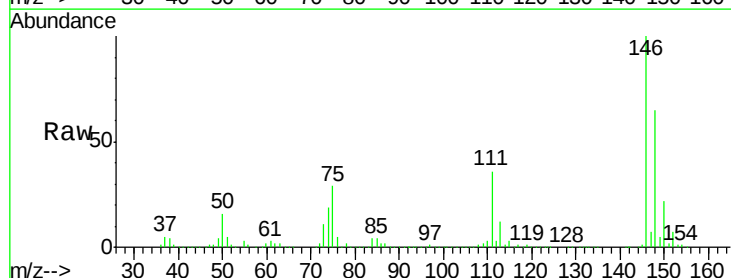
Tgt Ion:146 Resp: 464821

Ion Ratio Lower Upper

146 100

111 35.6 18.7 56.1

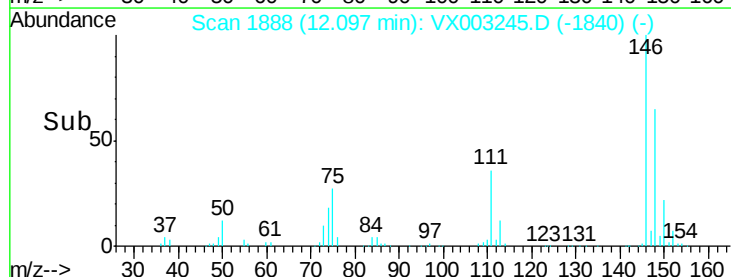
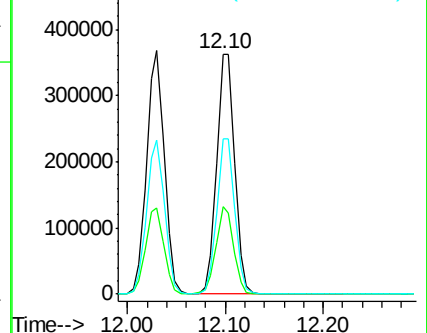
148 64.2 32.4 97.0

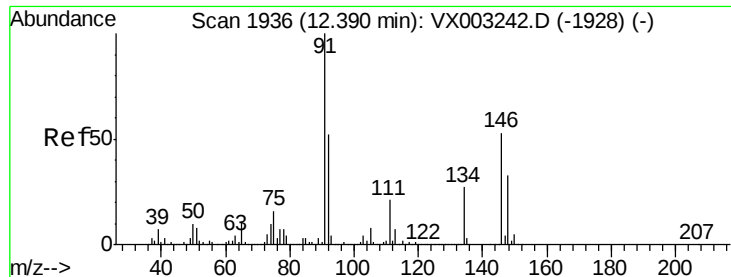


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

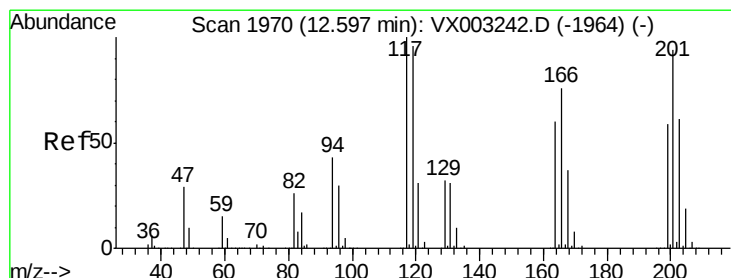
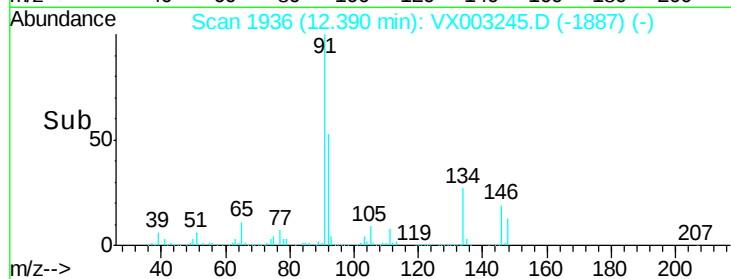
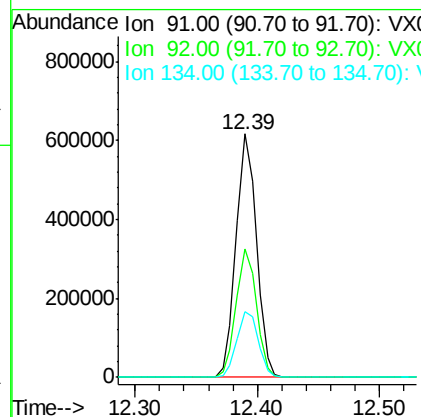
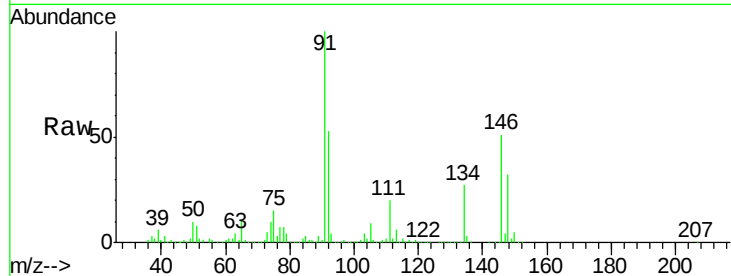




#89
n-Butylbenzene
Concen: 52.954 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

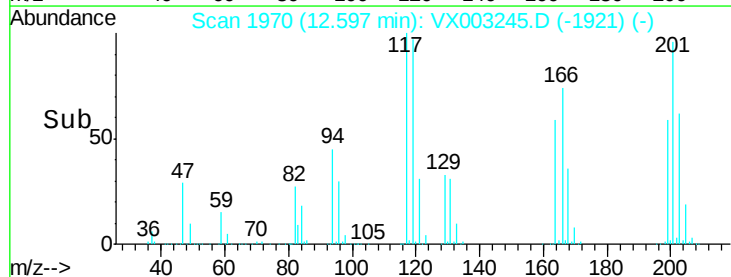
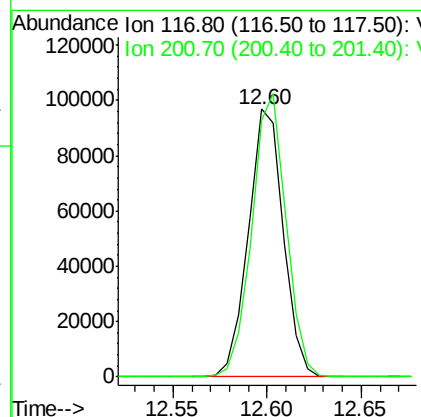
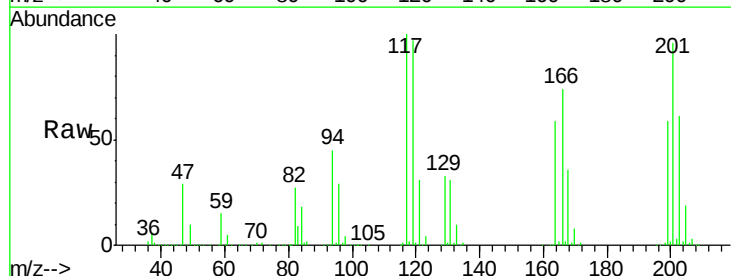
Instrument :
MSVOA_X
ClientSampleId :
ICVVX070918

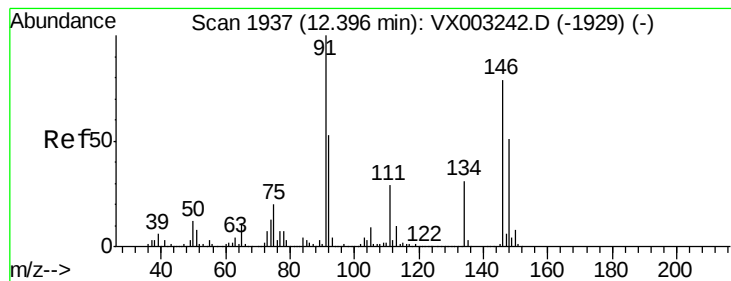
Tgt Ion: 91 Resp: 708380
Ion Ratio Lower Upper
91 100
92 52.7 26.0 78.0
134 28.2 13.5 40.5



#90
Hexachloroethane
Concen: 50.951 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003245.D
Acq: 09 Jul 2018 14:49

Tgt Ion: 117 Resp: 124549
Ion Ratio Lower Upper
117 100
201 103.2 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 47.891 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070918

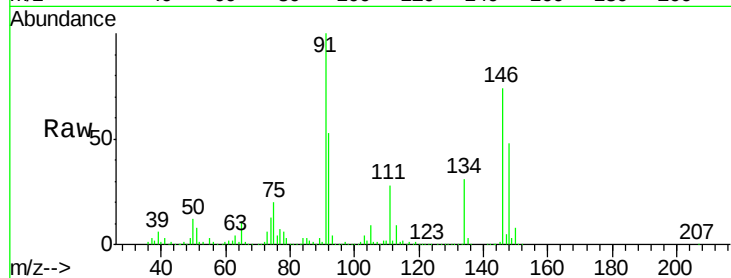
Tgt Ion:146 Resp: 455283

Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.1

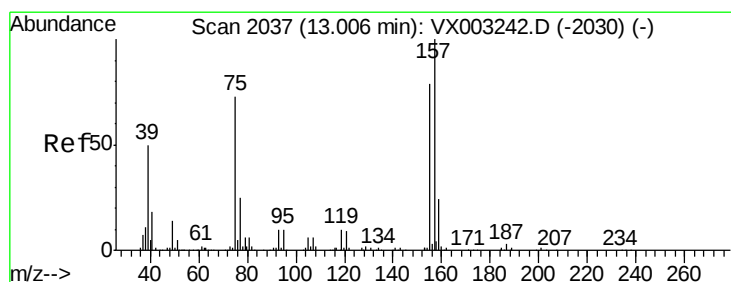
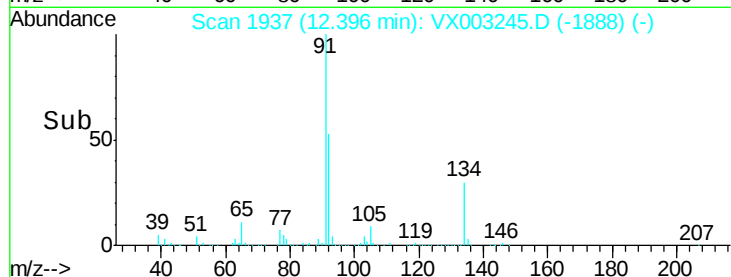
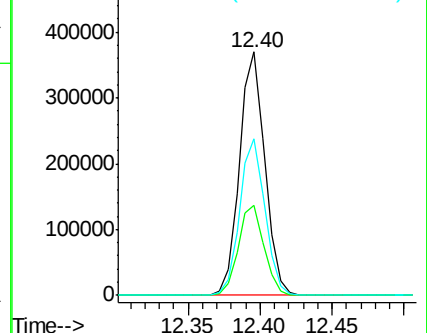
148 64.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.775 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

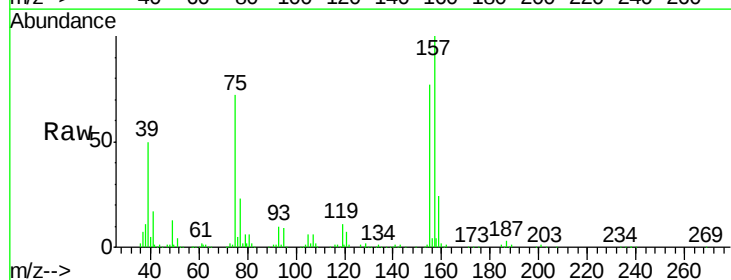
Tgt Ion: 75 Resp: 59211

Ion Ratio Lower Upper

75 100

155 102.0 45.8 137.4

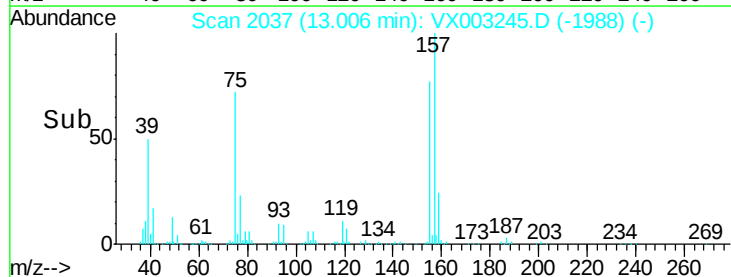
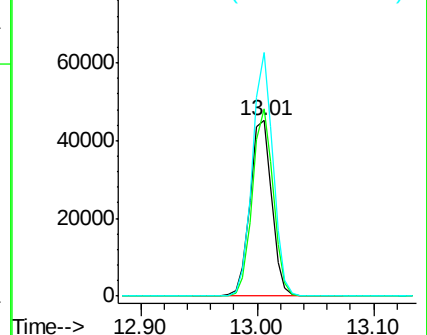
157 131.0 60.1 180.3

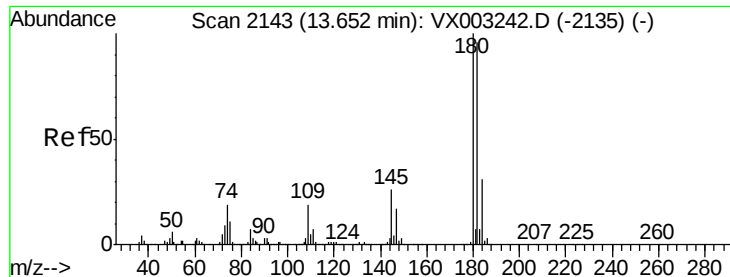


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

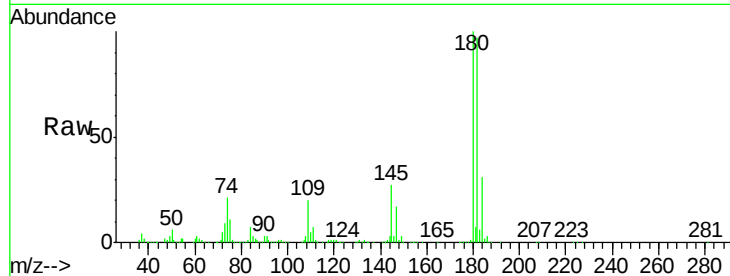




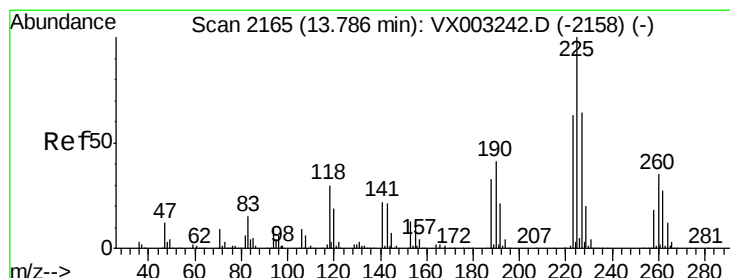
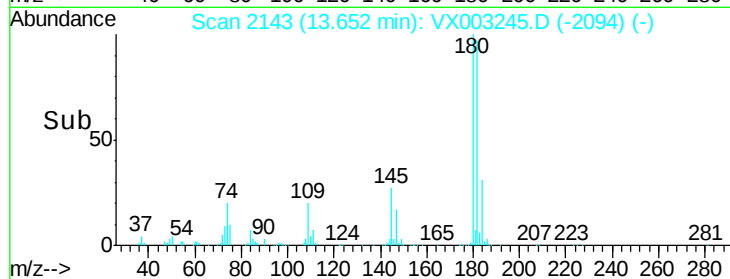
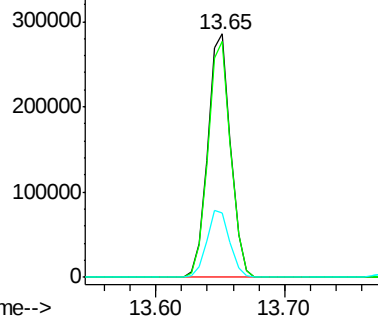
#93
 1,2,4-Trichlorobenzene
 Concen: 50.812 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070918

Tgt Ion:180 Resp: 351554
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.7 143.1
 145 27.8 14.1 42.4

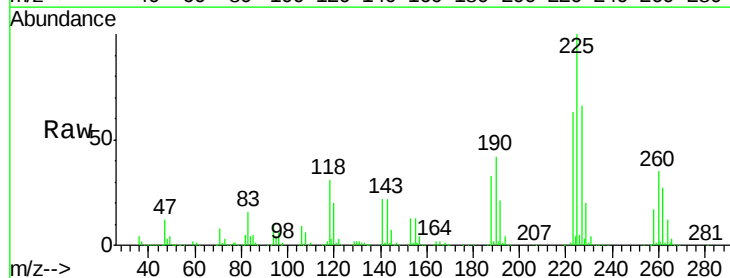


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

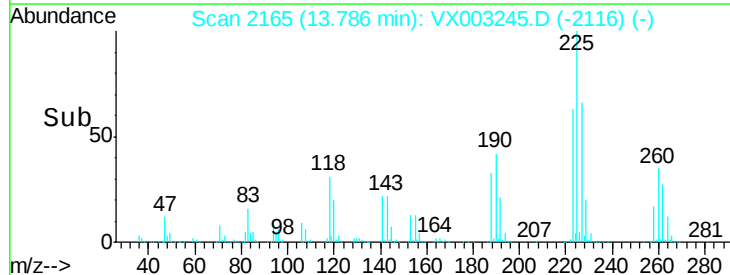
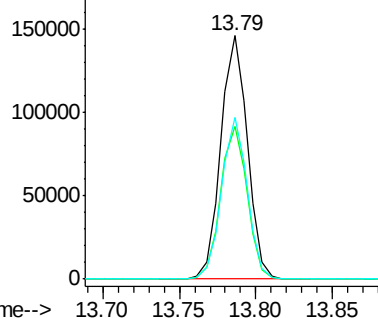


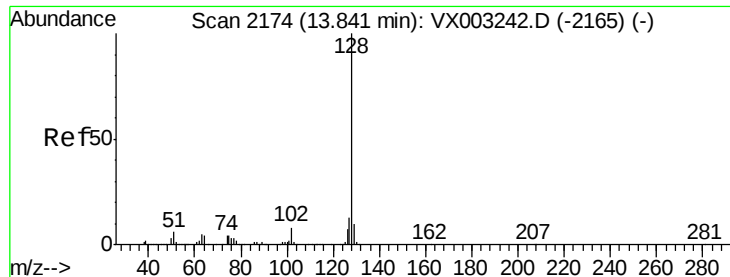
#94
 Hexachlorobutadiene
 Concen: 50.943 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003245.D
 Acq: 09 Jul 2018 14:49

Tgt Ion:225 Resp: 175471
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 64.3 32.4 97.2



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: 51.588 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

ICVVX070918

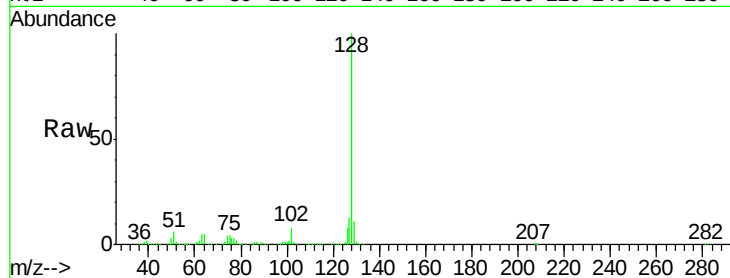
Tgt Ion:128 Resp: 933835

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

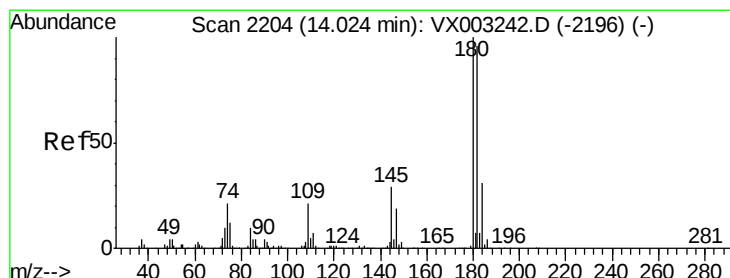
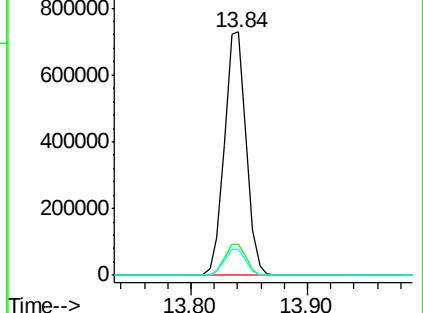
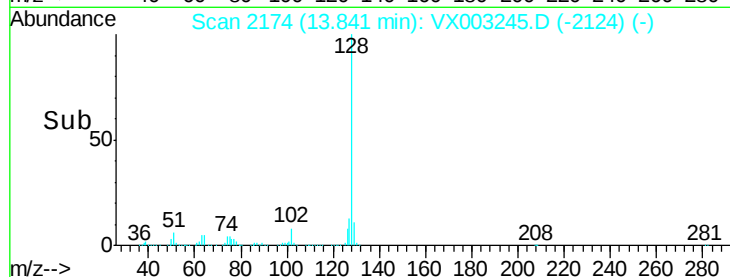
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.939 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003245.D

Acq: 09 Jul 2018 14:49

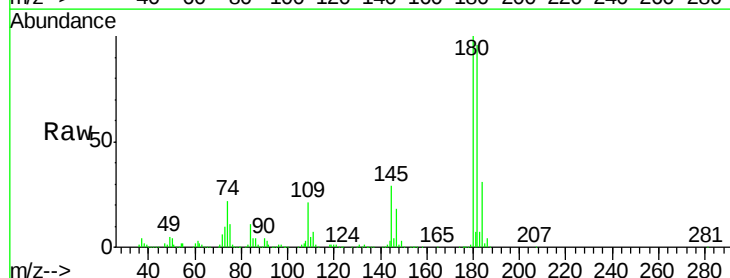
Tgt Ion:180 Resp: 351498

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.0

145 29.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

