

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006111.D
 Acq On : 20 Nov 2018 20:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

Quant Time: Nov 21 08:23:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243508	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192247	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	5.50	113	157674	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	8.71	98	599508	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	11.14	95	223152	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	119227	49.220	ug/l	99
3) Chloromethane	1.32	50	154345	50.440	ug/l	99
4) Vinyl Chloride	1.41	62	150508	48.356	ug/l	97
5) Bromomethane	1.64	94	122120	50.939	ug/l	100
6) Chloroethane	1.71	64	85171	58.368	ug/l	97
7) Trichlorofluoromethane	1.93	101	202075	49.629	ug/l	99
8) Diethyl Ether	2.19	74	82480	47.921	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118263	48.982	ug/l	99
10) Methyl Iodide	2.51	142	141841	46.858	ug/l	99
11) Tert butyl alcohol	3.07	59	200998	250.153	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112226	47.680	ug/l	98
13) Acrolein	2.29	56	115345	239.900	ug/l	100
14) Allyl chloride	2.73	41	239766	49.791	ug/l	99
15) Acrylonitrile	3.15	53	429608	242.068	ug/l	99
16) Acetone	2.45	43	397056	236.894	ug/l	99
17) Carbon Disulfide	2.57	76	328025	51.613	ug/l	98
18) Methyl Acetate	2.78	43	220701	51.347	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	399714	49.131	ug/l	100
20) Methylene Chloride	2.85	84	126387	49.818	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	120708	49.016	ug/l	98
22) Diisopropyl ether	3.87	45	541005	52.481	ug/l	95
23) Vinyl Acetate	3.82	43	2296846	268.565	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242356	49.903	ug/l	100
25) 2-Butanone	4.70	43	779883	250.682	ug/l	100
26) 2,2-Dichloropropane	4.59	77	204682	51.136	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	167557	48.681	ug/l	98
28) Bromochloromethane	5.02	49	140698	49.708	ug/l	100
29) Tetrahydrofuran	5.15	42	500755	258.025	ug/l	99
30) Chloroform	5.21	83	283055	48.096	ug/l	99
31) Cyclohexane	5.57	56	255771	50.419	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	243629	51.268	ug/l	99
36) 1,1-Dichloropropene	5.80	75	214798	50.308	ug/l	99
37) Ethyl Acetate	4.85	43	281762	51.293	ug/l	100
38) Carbon Tetrachloride	5.78	117	212469	52.943	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	252437	51.896	ug/l	96
40) Benzene	6.14	78	630692	50.137	ug/l	99
41) Methacrylonitrile	5.06	41	154319	50.977	ug/l	99
42) 1,2-Dichloroethane	6.20	62	231478	49.220	ug/l	100
43) Isopropyl Acetate	6.46	43	418238	52.721	ug/l	99
44) Trichloroethene	7.21	130	176701	50.541	ug/l	99
45) 1,2-Dichloropropane	7.52	63	171467	51.506	ug/l	98
46) Dibromomethane	7.66	93	112130	49.183	ug/l	100
47) Bromodichloromethane	7.90	83	214907	50.966	ug/l	96
48) Methyl methacrylate	7.77	41	222086	55.199	ug/l	100
49) 1,4-Dioxane	7.75	88	97147	1017.743	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1501495	264.012	ug/l	99
52) Toluene	8.79	92	404819	52.029	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	235213	53.455	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	259314	53.310	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	165632	49.154	ug/l	98
56) Ethyl methacrylate	9.18	69	256828	49.005	ug/l	99
57) 1,3-Dichloropropane	9.37	76	279936	50.400	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	732271	250.044	ug/l	99
59) 2-Hexanone	9.49	43	1206050	267.213	ug/l	100
60) Dibromochloromethane	9.59	129	174802	52.912	ug/l	99
61) 1,2-Dibromoethane	9.67	107	177978	51.268	ug/l	99
64) Tetrachloroethene	9.34	164	181984	50.698	ug/l	98
65) Chlorobenzene	10.14	112	457123	51.091	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	161924	52.714	ug/l	100
67) Ethyl Benzene	10.25	91	792434	54.092	ug/l	100
68) m/p-Xylenes	10.36	106	617861	108.310	ug/l	98
69) o-Xylene	10.70	106	294907	54.121	ug/l	99
70) Styrene	10.71	104	490011	55.152	ug/l	100
71) Bromoform	10.86	173	144784	52.657	ug/l #	98
73) Isopropylbenzene	11.02	105	799287	54.249	ug/l	100
74) N-amyl acetate	10.90	43	380482	50.633	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	277138	49.913	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	326813	65.189	ug/l	88
77) Bromobenzene	11.26	156	212492	51.483	ug/l	99
78) n-propylbenzene	11.36	91	939872	54.776	ug/l	100
79) 2-Chlorotoluene	11.42	91	546267	52.624	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	678459	54.617	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	82856	55.899	ug/l	97
82) 4-Chlorotoluene	11.51	91	653962	53.983	ug/l	100
83) tert-Butylbenzene	11.77	119	664993	54.835	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	698545	55.128	ug/l	99
85) sec-Butylbenzene	11.94	105	817267	55.096	ug/l	99
86) p-Isopropyltoluene	12.07	119	725327	54.844	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	394686	51.863	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	391081	49.572	ug/l	99
89) n-Butylbenzene	12.39	91	650254	54.305	ug/l	99
90) Hexachloroethane	12.60	117	112462	53.287	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	391618	50.334	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	66299	51.458	ug/l	99

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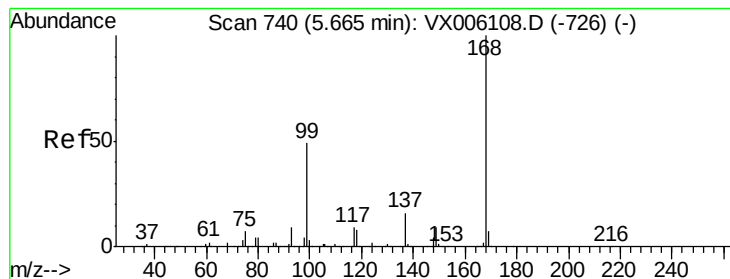
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

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QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	289901	52.893	ug/l	99
94) Hexachlorobutadiene	13.79	225	134545	50.369	ug/l	99
95) Naphthalene	13.83	128	908281	56.356	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	291539	52.175	ug/l	100

(#) = 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# 740

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

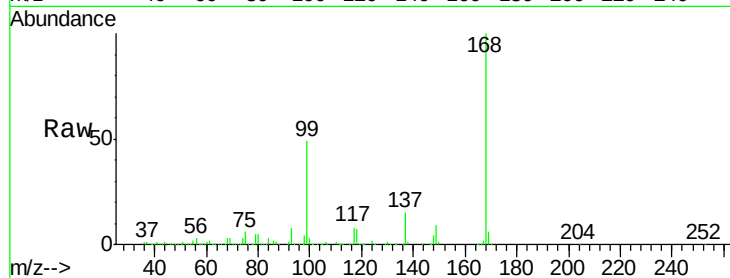
ICVVX112018

Tgt Ion:168 Resp: 325967

Ion Ratio Lower Upper

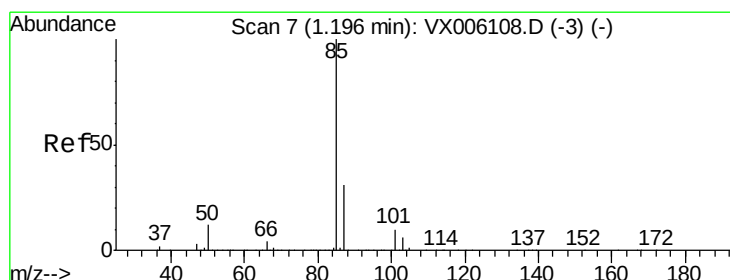
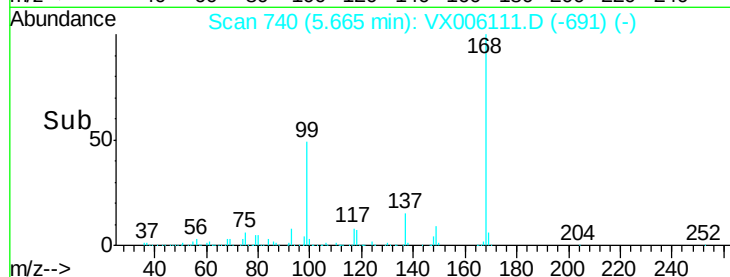
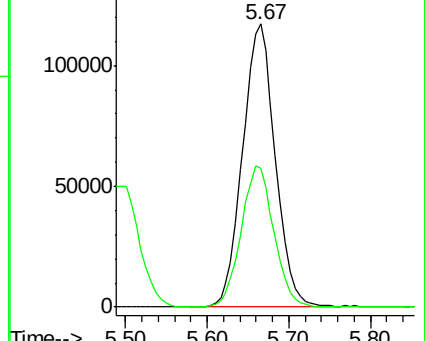
168 100

99 48.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.220 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006111.D

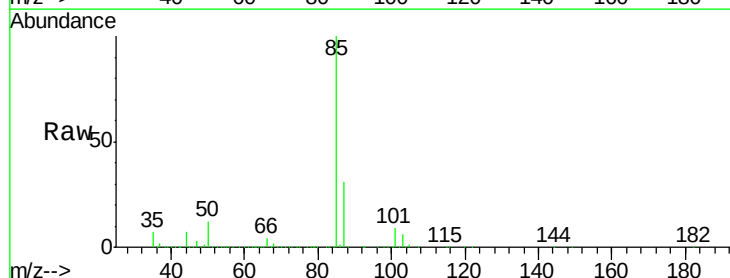
Acq: 20 Nov 2018 20:22

Tgt Ion: 85 Resp: 119227

Ion Ratio Lower Upper

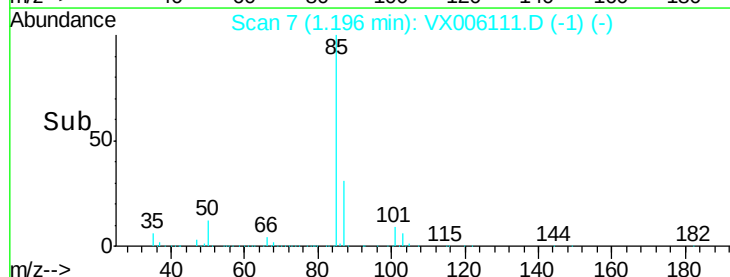
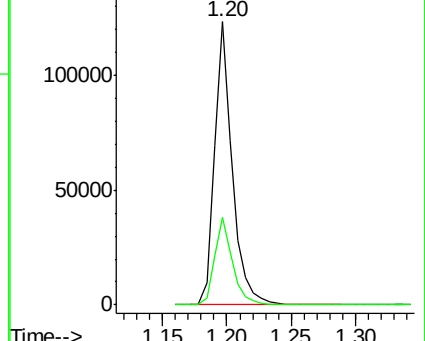
85 100

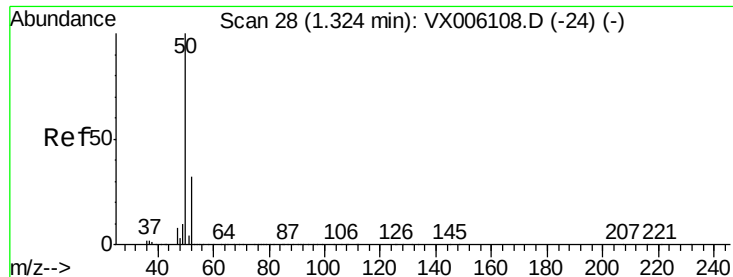
87 30.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.440 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

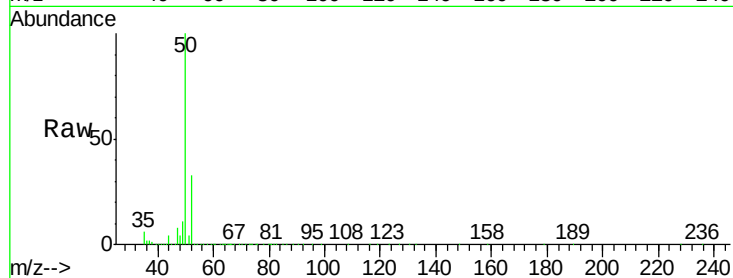
ICVVX112018

Tgt Ion: 50 Resp: 154345

Ion Ratio Lower Upper

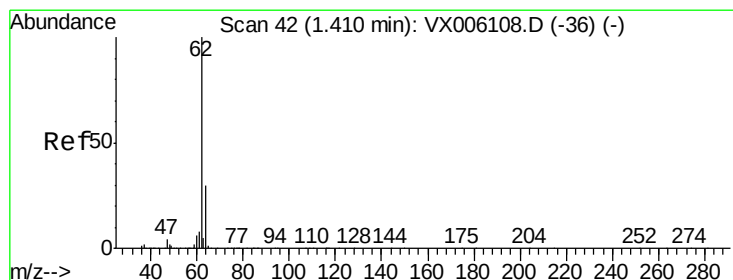
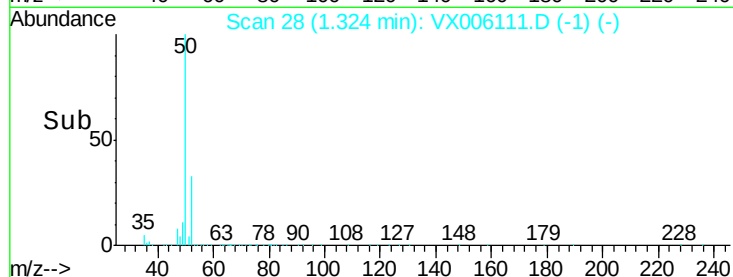
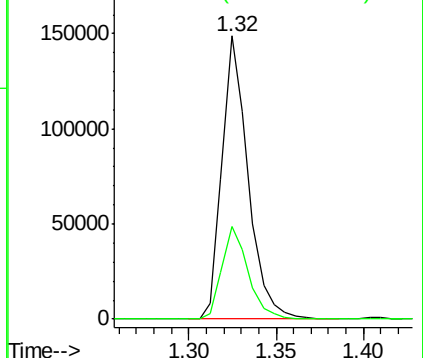
50 100

52 32.6 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.356 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006111.D

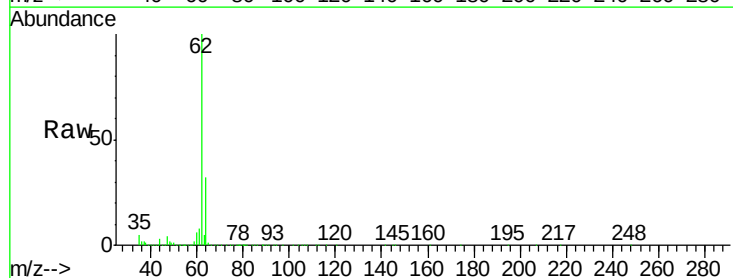
Acq: 20 Nov 2018 20:22

Tgt Ion: 62 Resp: 150508

Ion Ratio Lower Upper

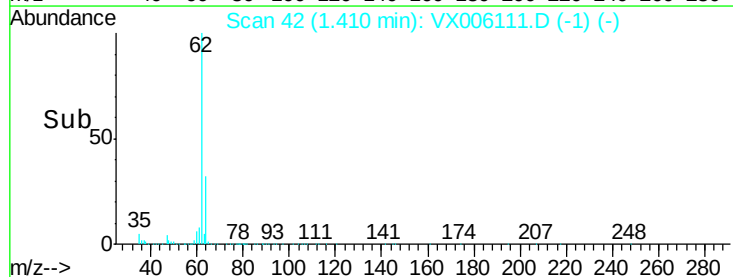
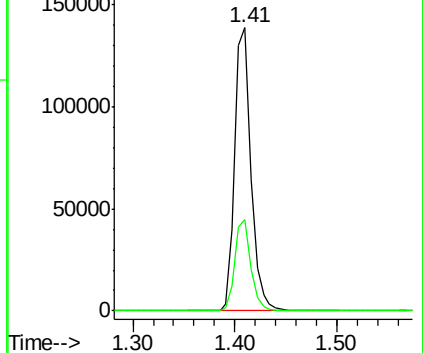
62 100

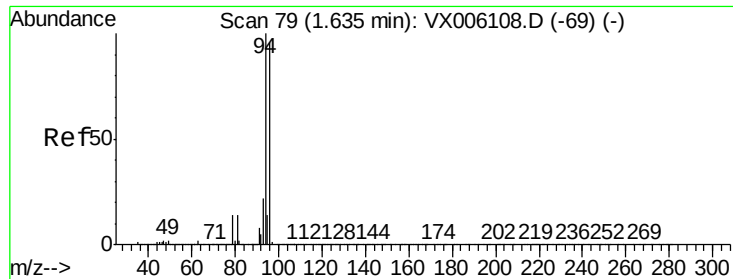
64 32.2 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.939 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

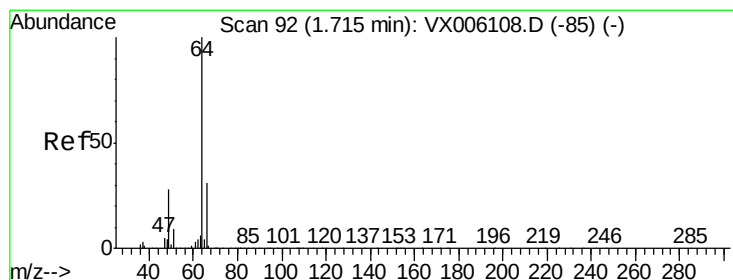
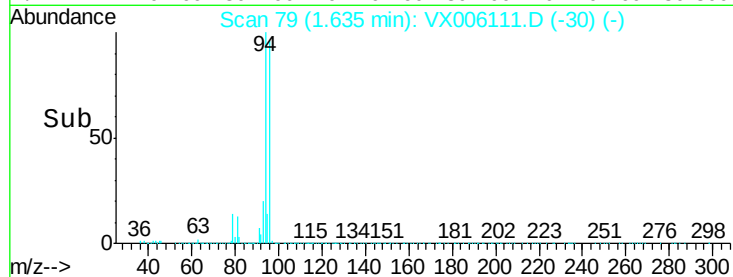
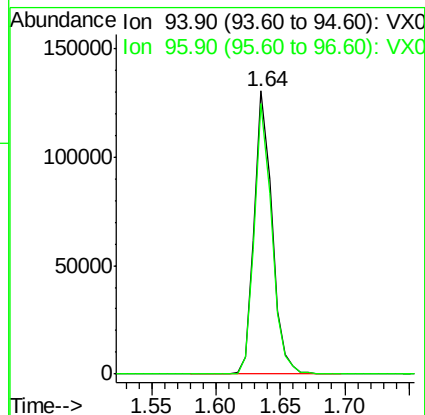
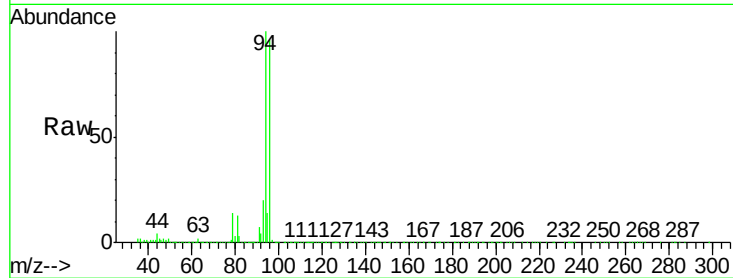
ICVVX112018

Tgt Ion: 94 Resp: 122120

Ion Ratio Lower Upper

94 100

96 95.6 76.7 115.1



#6

Chloroethane

Concen: 58.368 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006111.D

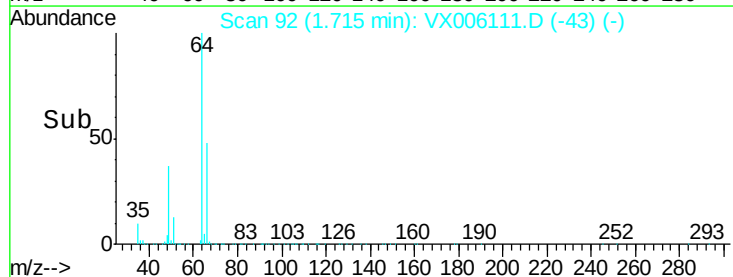
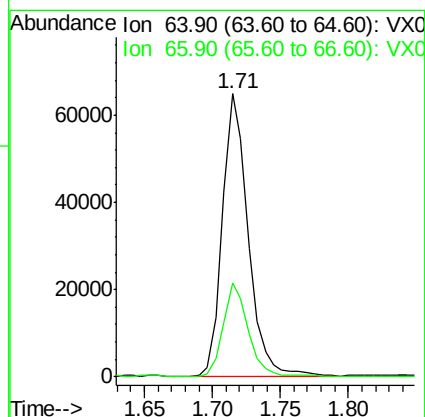
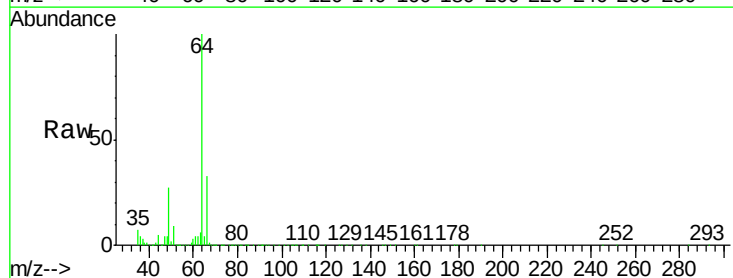
Acq: 20 Nov 2018 20:22

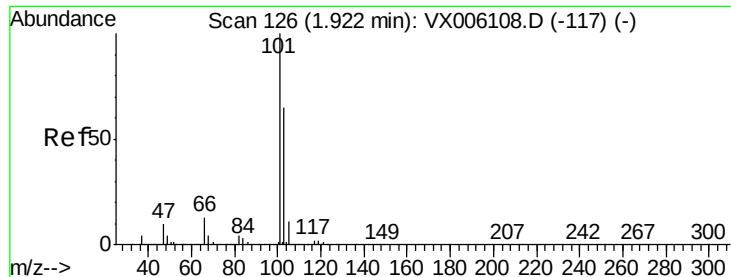
Tgt Ion: 64 Resp: 85171

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7



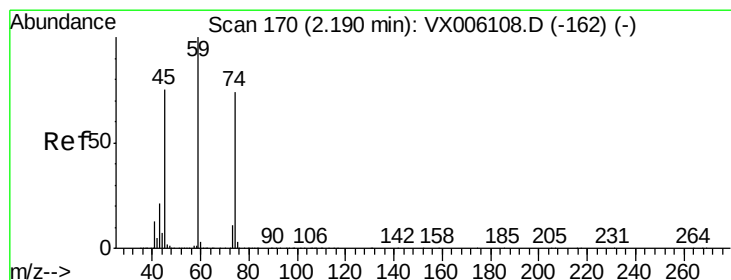
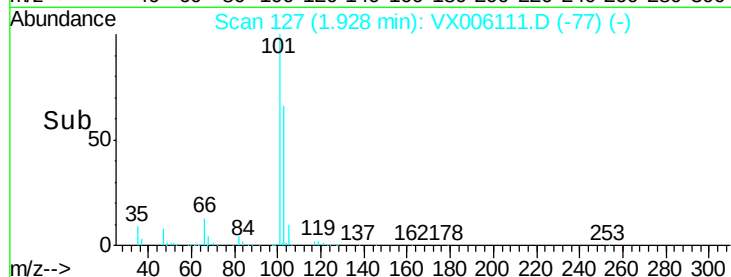
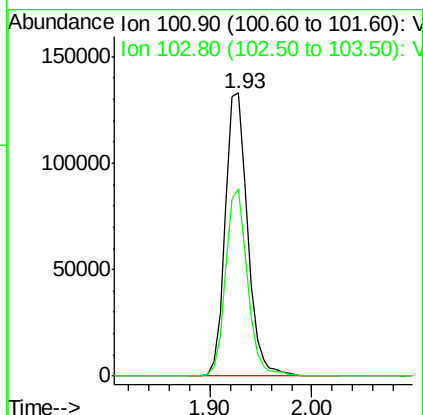
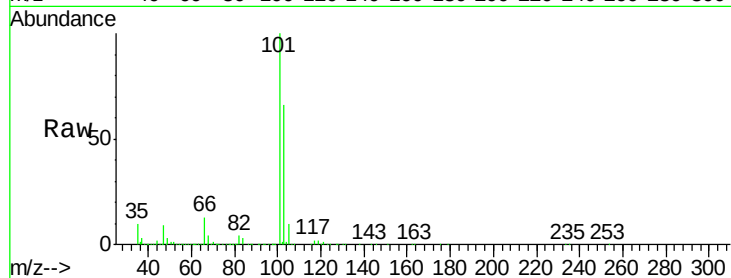


#7

Trichlorofluoromethane
Concen: 49.629 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampled :
ICVVX112018

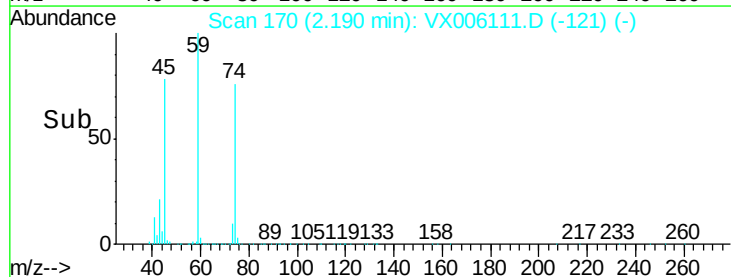
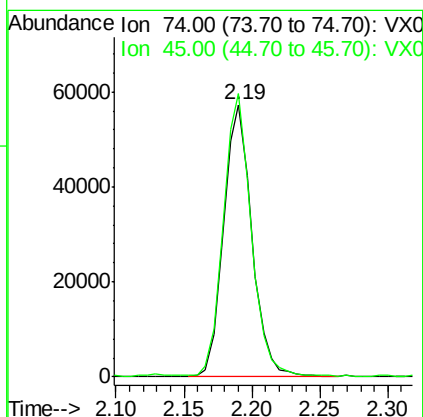
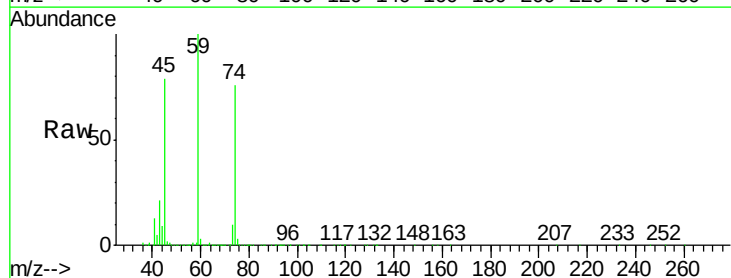
Tgt Ion:101 Resp: 202075
Ion Ratio Lower Upper
101 100
103 66.2 52.1 78.1

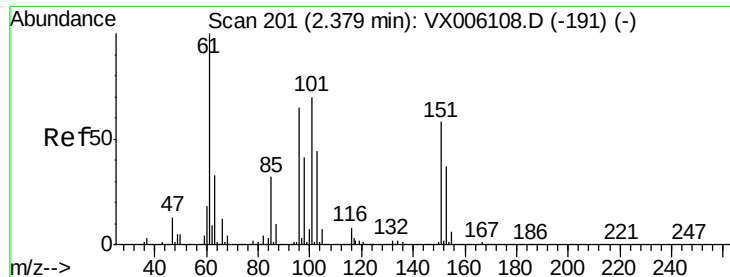


#8

Diethyl Ether
Concen: 47.921 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion: 74 Resp: 82480
Ion Ratio Lower Upper
74 100
45 102.4 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.982 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

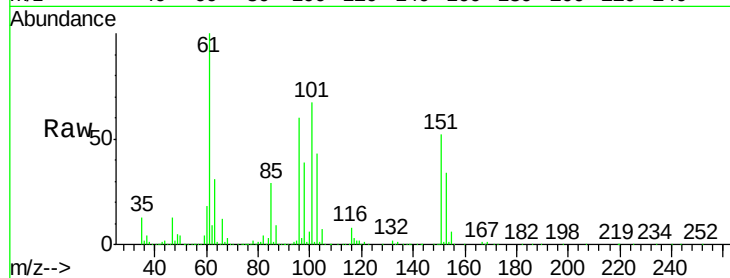
Tgt Ion:101 Resp: 118263

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

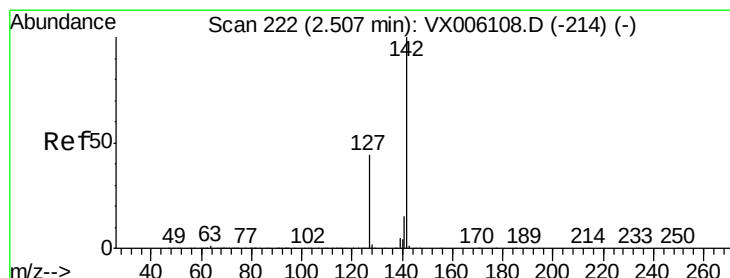
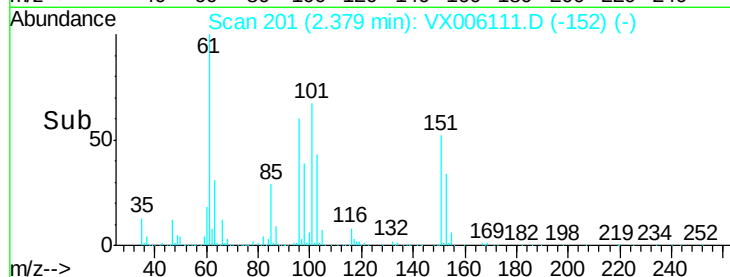
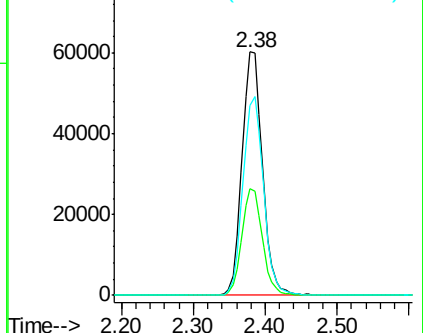
151 82.5 65.8 98.6



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: 46.858 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

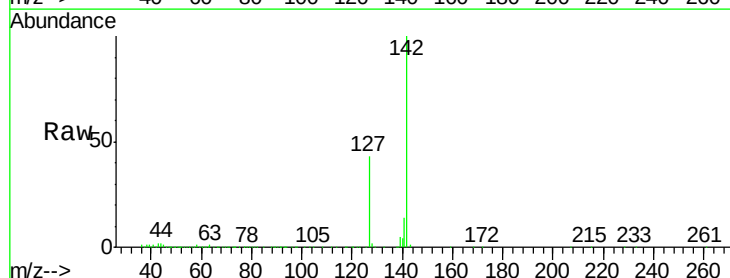
Tgt Ion:142 Resp: 141841

Ion Ratio Lower Upper

142 100

127 44.3 36.0 54.0

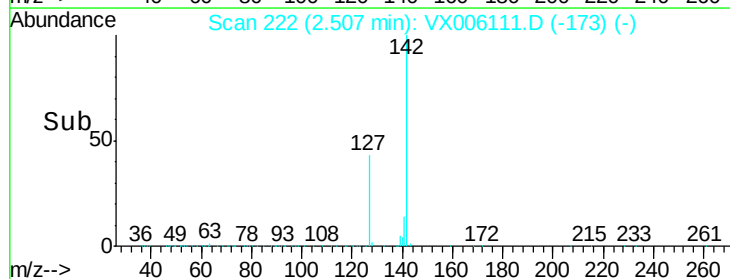
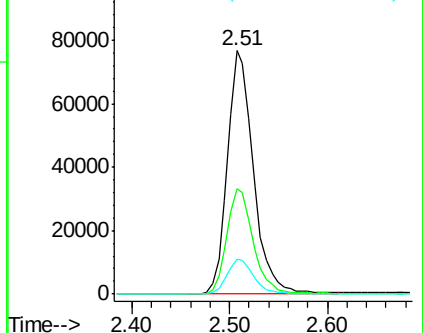
141 14.7 11.7 17.5

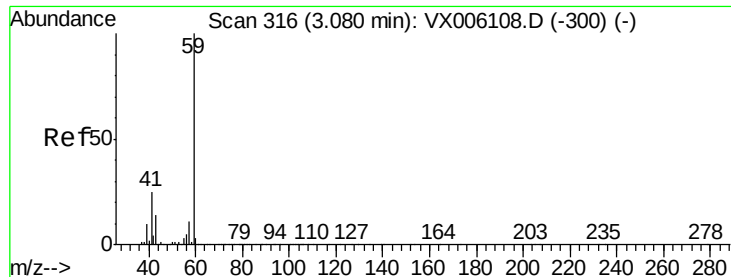


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



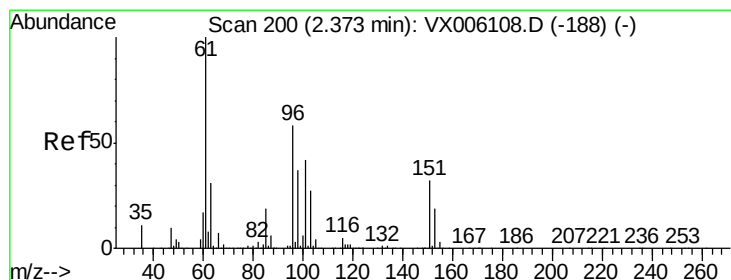
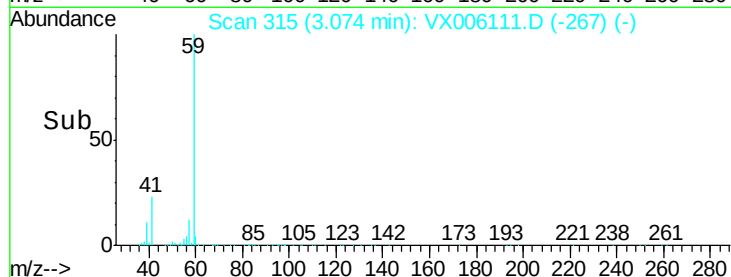
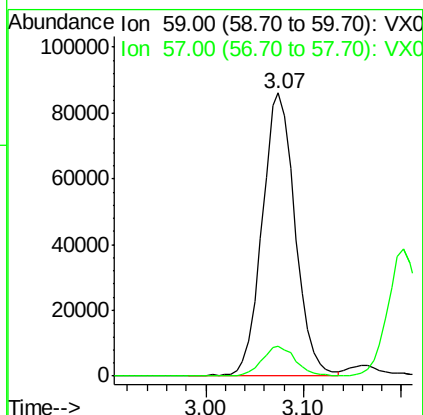
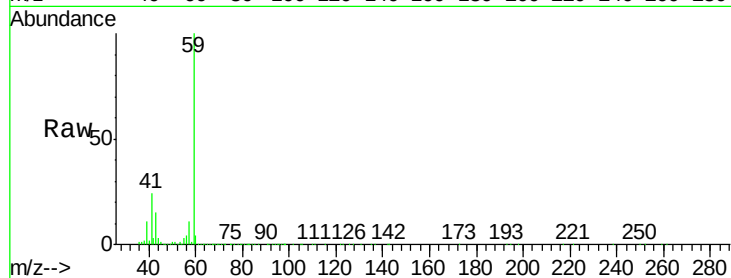


#11

Tert butyl alcohol
Concen: 250.153 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

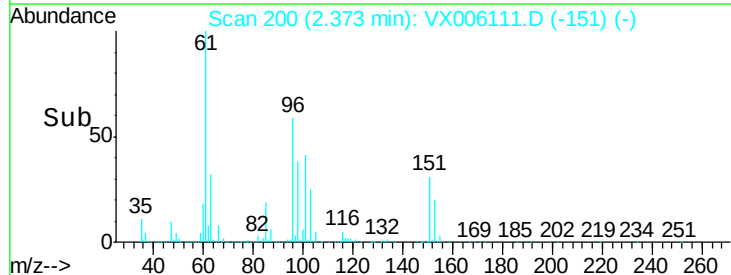
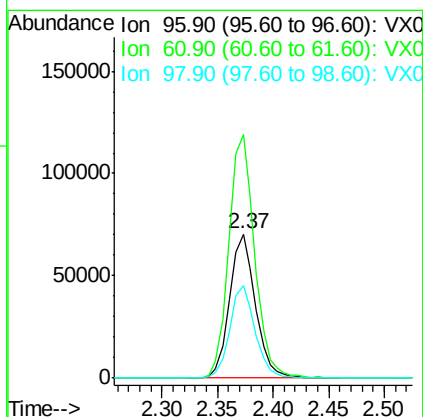
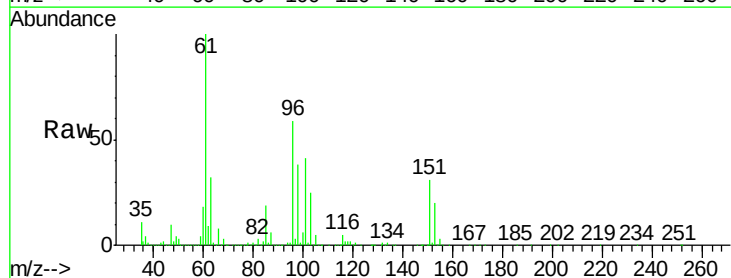
Tgt Ion: 59 Resp: 200998
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

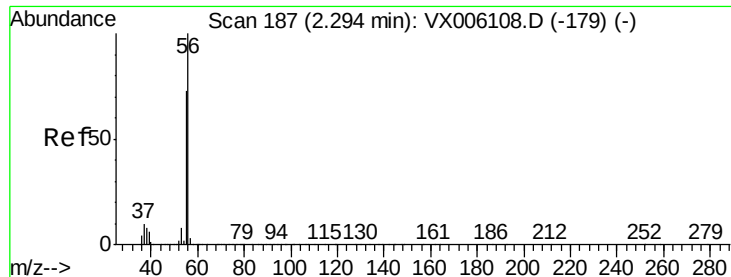


#12

1,1-Dichloroethene
Concen: 47.680 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion: 96 Resp: 112226
Ion Ratio Lower Upper
96 100
61 169.1 138.2 207.4
98 63.9 51.3 76.9





#13

Acrolein

Concen: 239.900 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

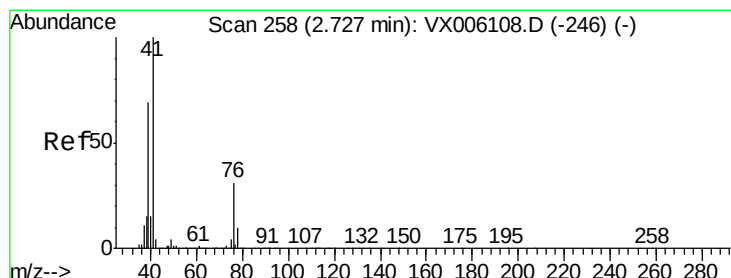
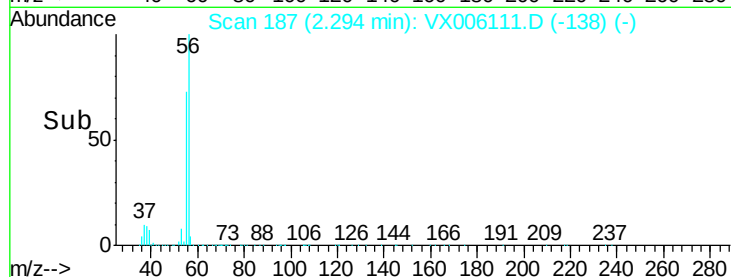
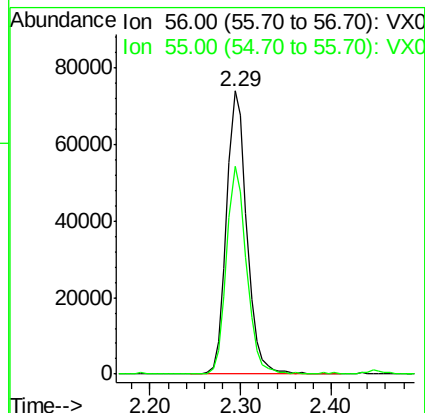
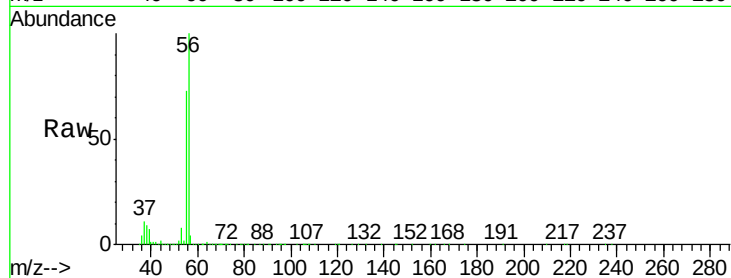
ICVVX112018

Tgt Ion: 56 Resp: 115345

Ion Ratio Lower Upper

56 100

55 72.1 57.8 86.6



#14

Allyl chloride

Concen: 49.791 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

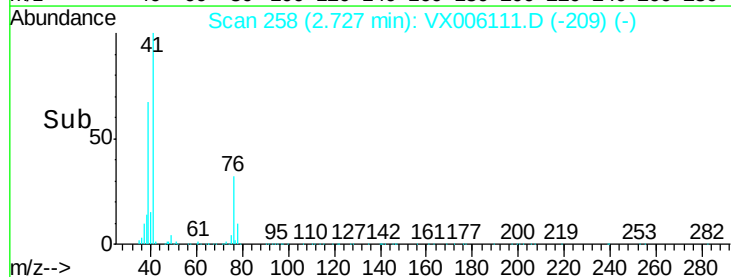
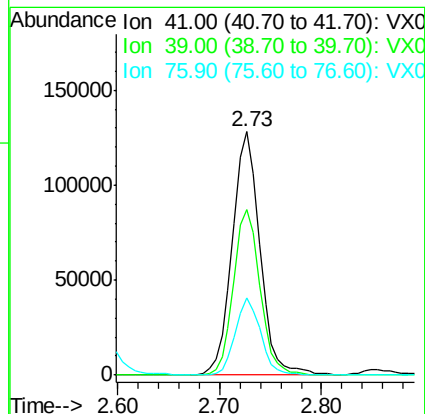
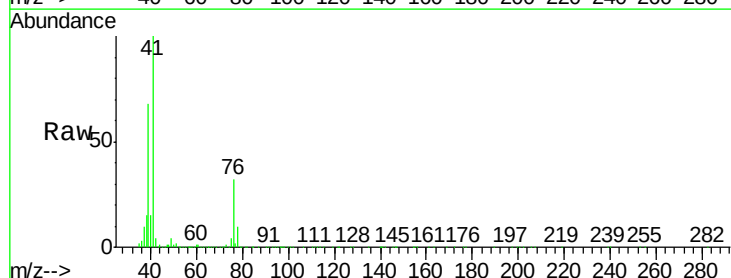
Tgt Ion: 41 Resp: 239766

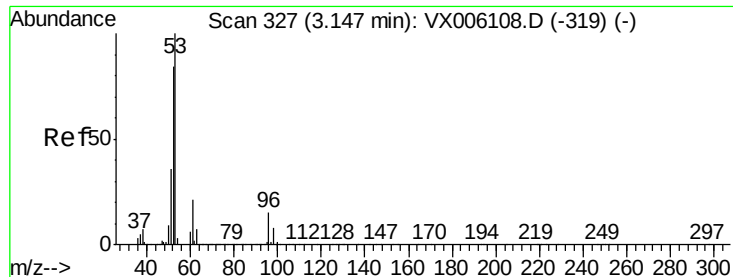
Ion Ratio Lower Upper

41 100

39 65.2 52.5 78.7

76 28.8 23.4 35.2





#15

Acrylonitrile

Concen: 242.068 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

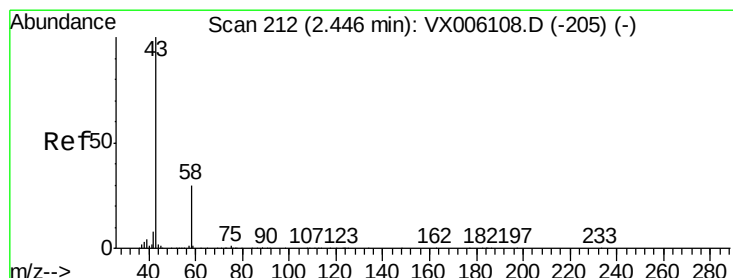
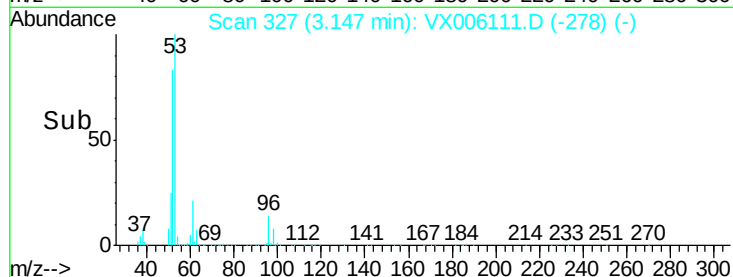
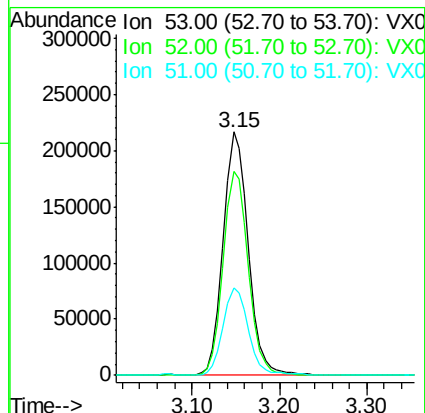
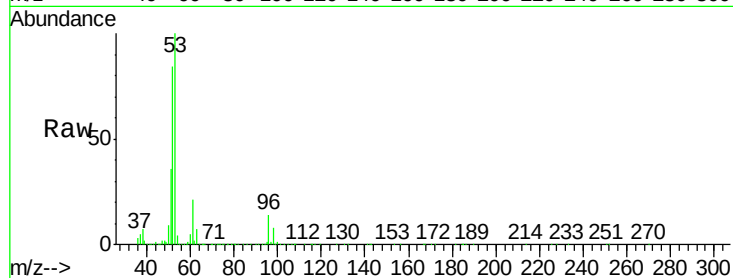
Tgt Ion: 53 Resp: 429608

Ion Ratio Lower Upper

53 100

52 84.2 66.4 99.6

51 36.6 29.4 44.0



#16

Acetone

Concen: 236.894 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006111.D

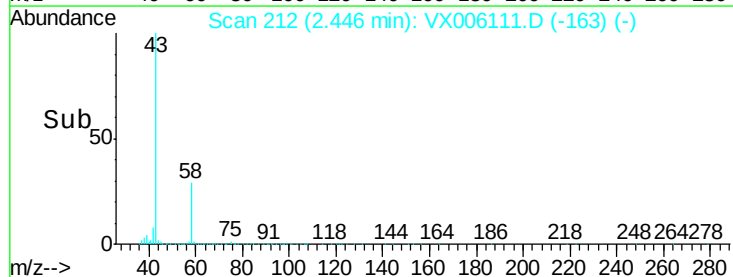
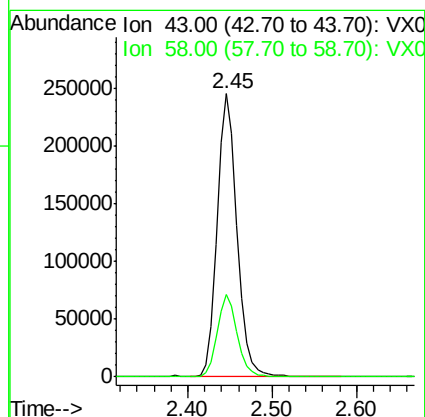
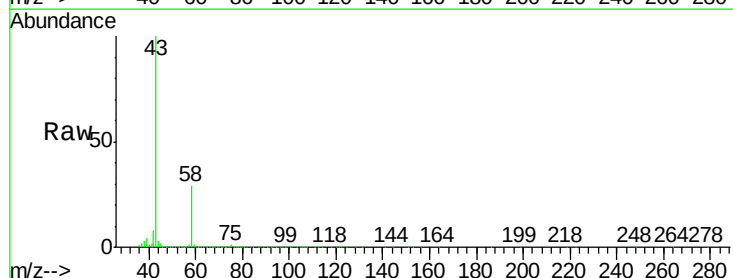
Acq: 20 Nov 2018 20:22

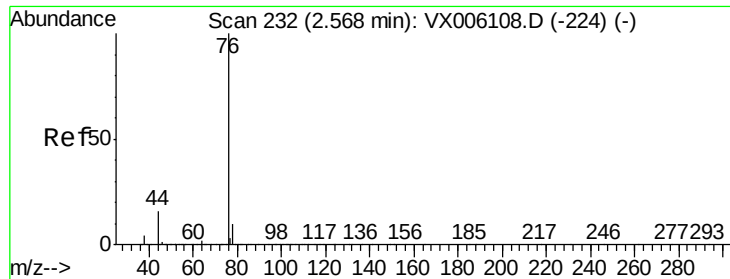
Tgt Ion: 43 Resp: 397056

Ion Ratio Lower Upper

43 100

58 29.3 23.8 35.8





#17

Carbon Disulfide

Concen: 51.613 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

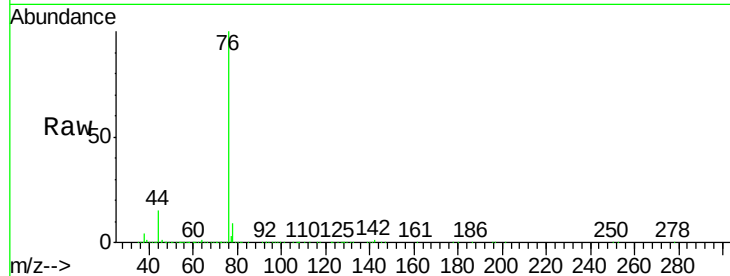
ICVVX112018

Tgt Ion: 76 Resp: 328025

Ion Ratio Lower Upper

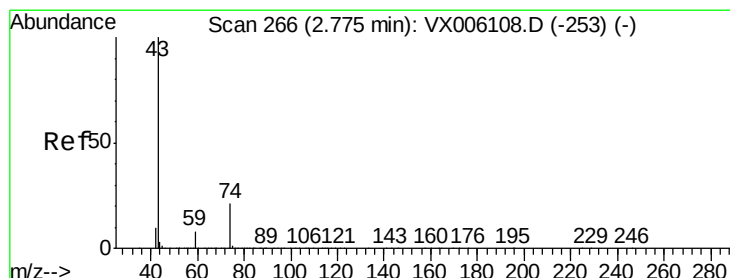
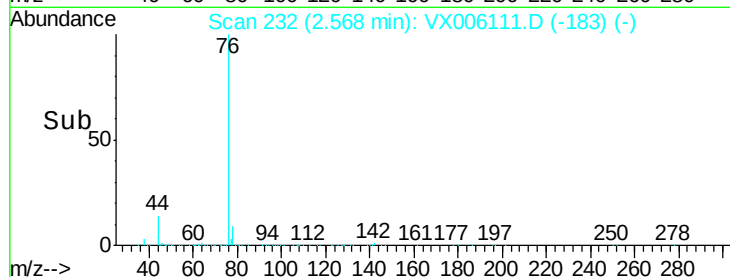
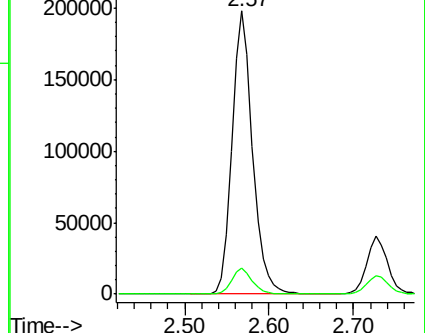
76 100

78 9.0 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.347 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006111.D

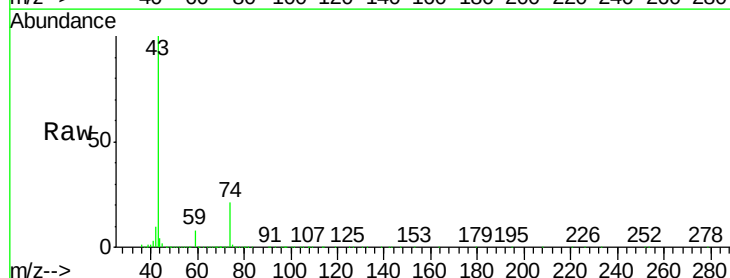
Acq: 20 Nov 2018 20:22

Tgt Ion: 43 Resp: 220701

Ion Ratio Lower Upper

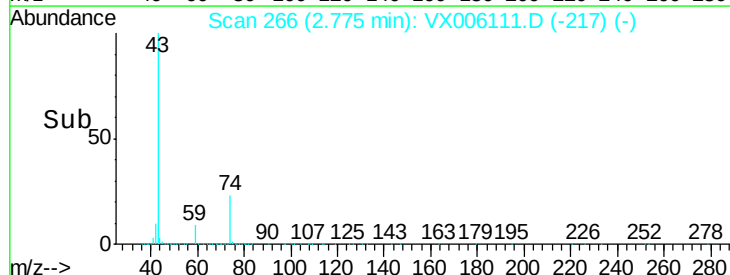
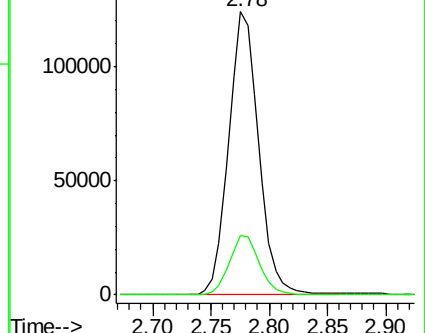
43 100

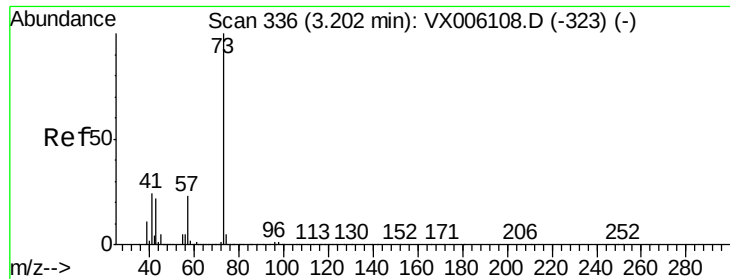
74 21.0 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



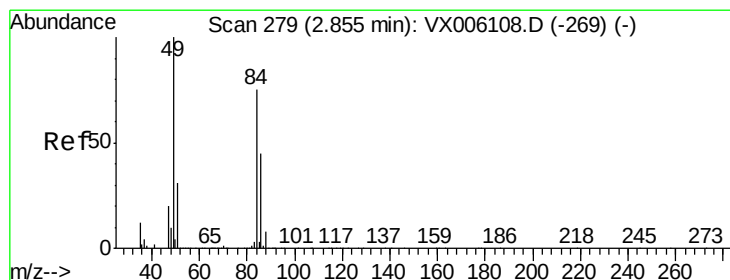
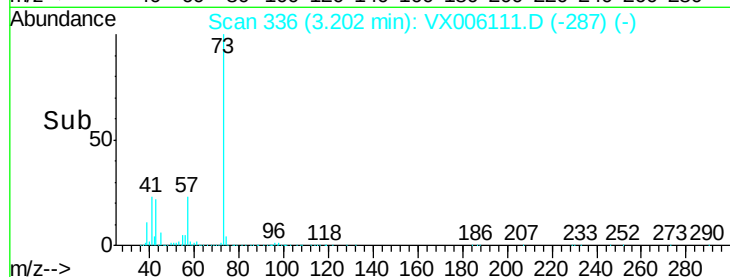
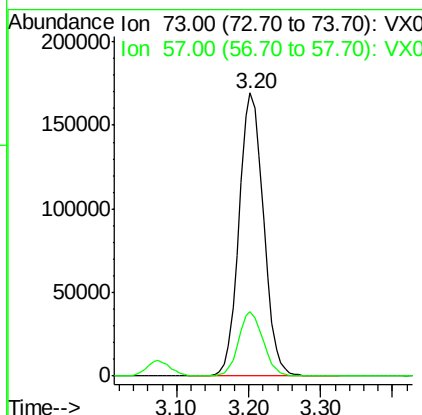
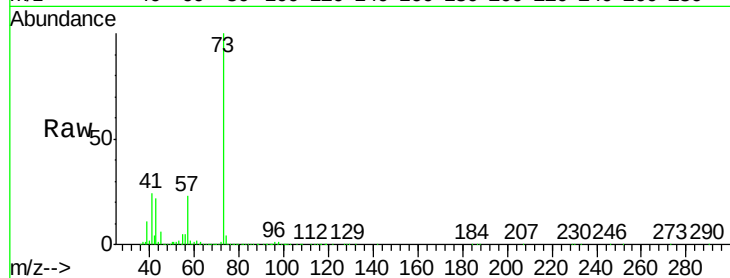


#19

Methyl tert-butyl Ether
Concen: 49.131 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

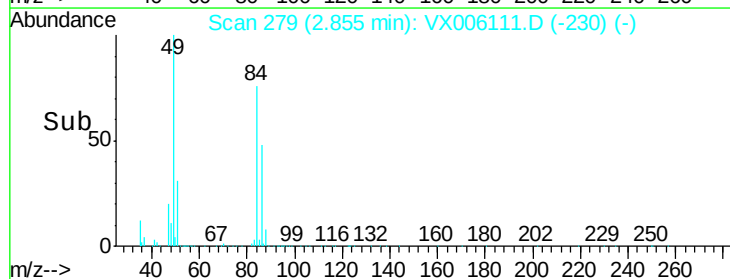
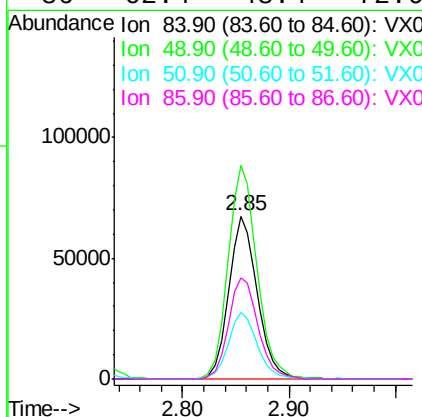
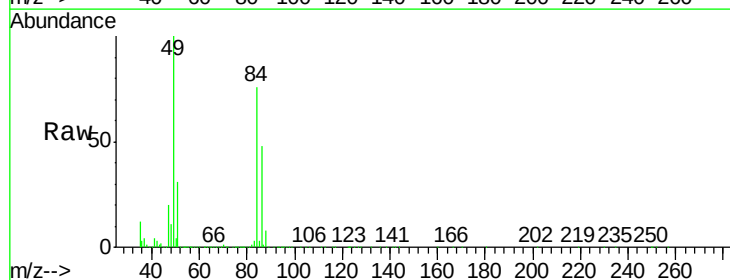
Tgt Ion: 73 Resp: 399714
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4

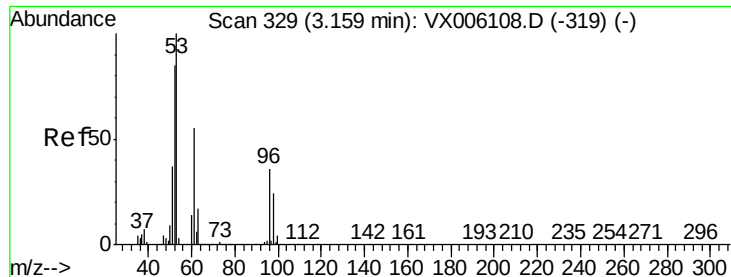


#20

Methylene Chloride
Concen: 49.818 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion: 84 Resp: 126387
Ion Ratio Lower Upper
84 100
49 131.1 106.6 159.8
51 41.0 32.6 49.0
86 62.4 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 49.016 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

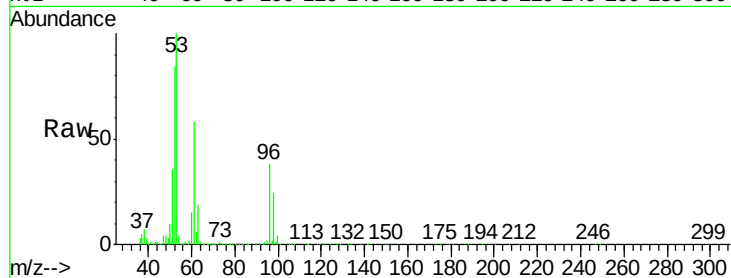
Tgt Ion: 96 Resp: 120708

Ion Ratio Lower Upper

96 100

61 150.6 122.0 183.0

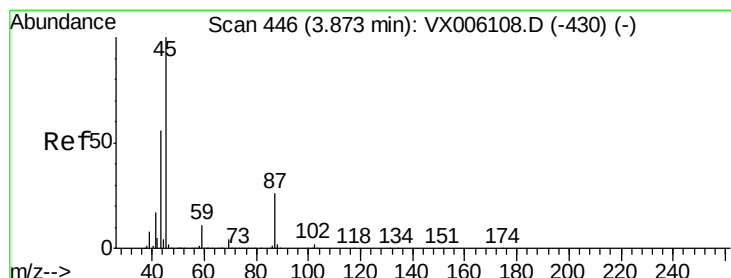
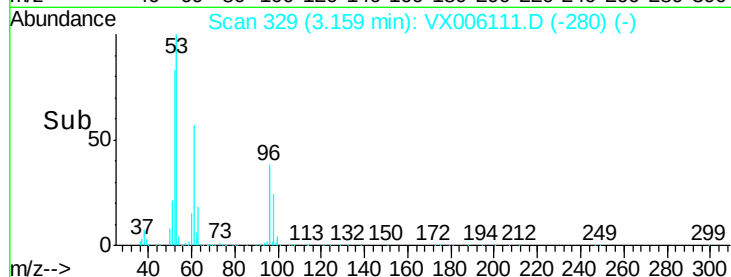
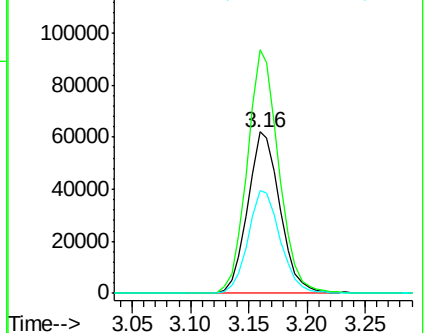
98 63.9 52.7 79.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.481 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.01 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Tgt Ion: 45 Resp: 541005

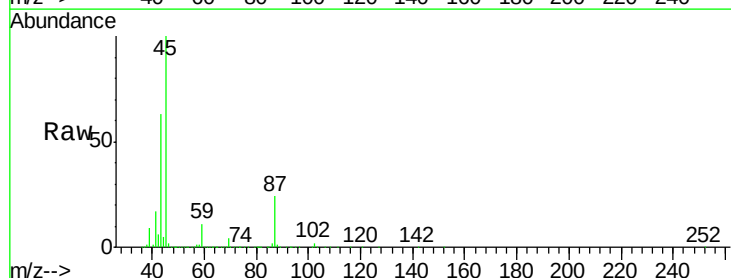
Ion Ratio Lower Upper

45 100

43 62.5 45.8 68.8

87 24.1 21.0 31.4

59 10.9 8.6 12.8

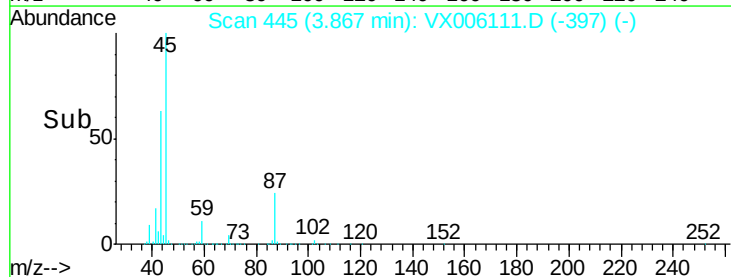
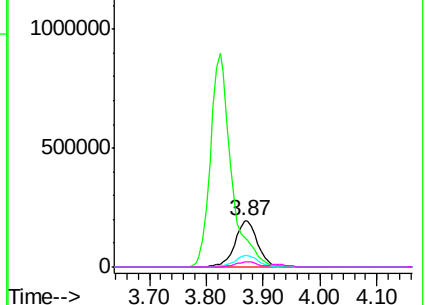


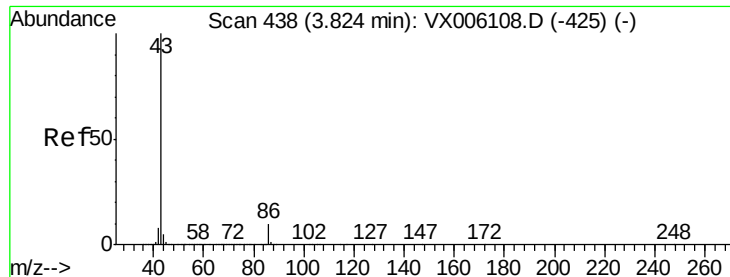
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

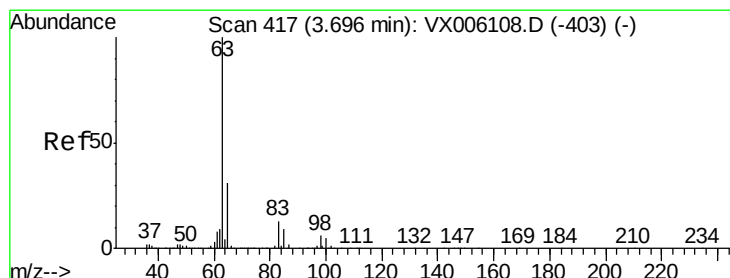
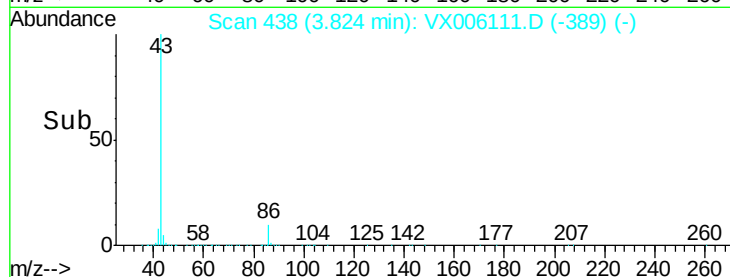
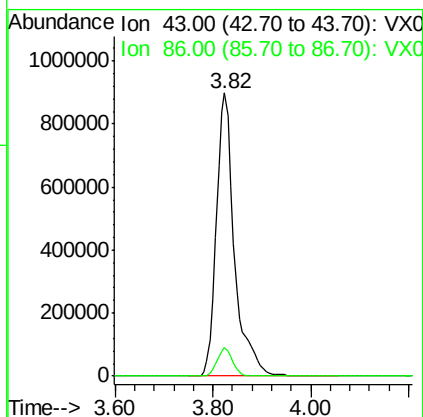
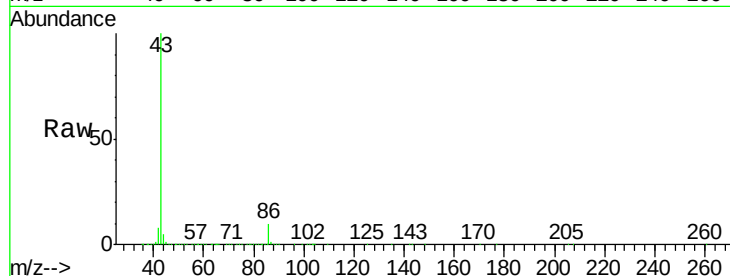




#23
 Vinyl Acetate
 Concen: 268.565 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

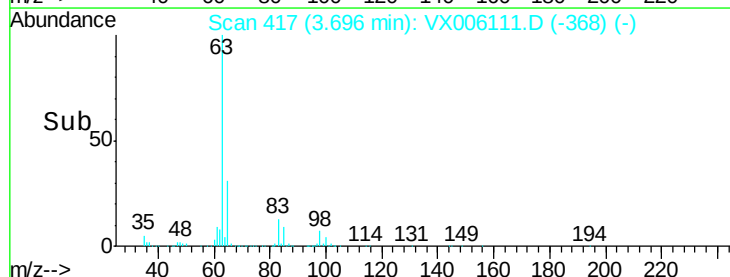
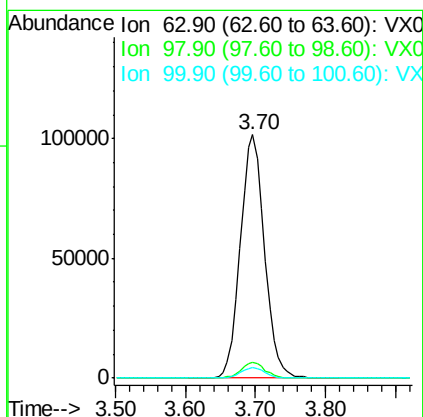
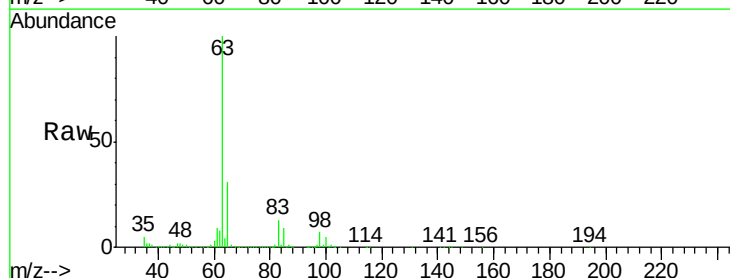
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

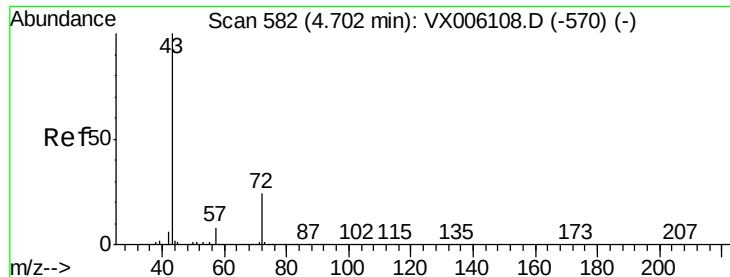
Tgt Ion: 43 Resp: 2296846
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 49.903 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion: 63 Resp: 242356
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.5 2.4 7.1





#25

2-Butanone

Concen: 250.682 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

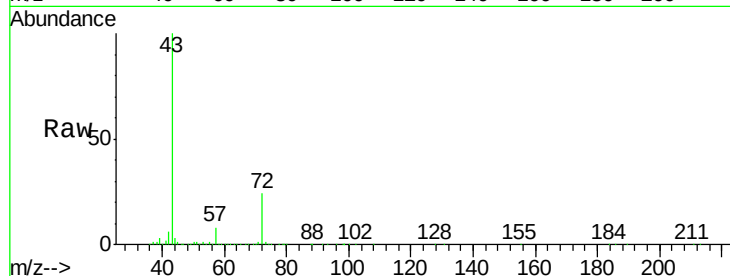
ICVVX112018

Tgt Ion: 43 Resp: 779883

Ion Ratio Lower Upper

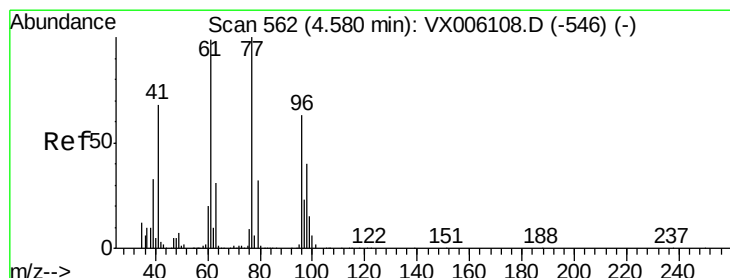
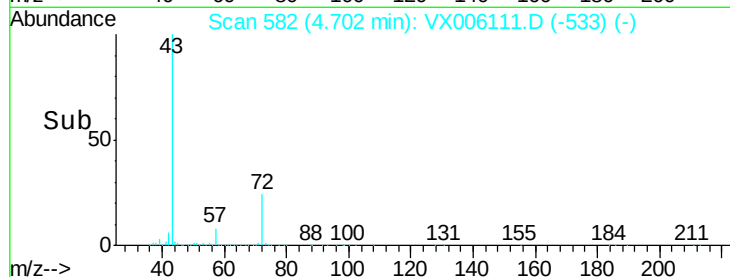
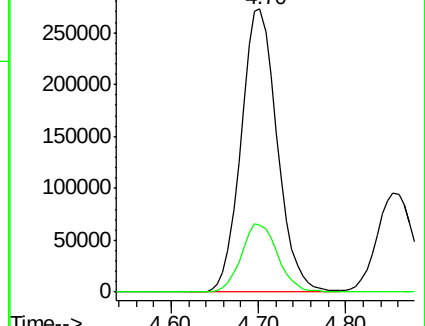
43 100

72 23.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.136 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006111.D

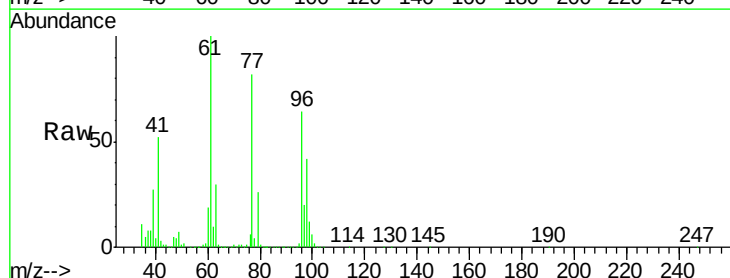
Acq: 20 Nov 2018 20:22

Tgt Ion: 77 Resp: 204682

Ion Ratio Lower Upper

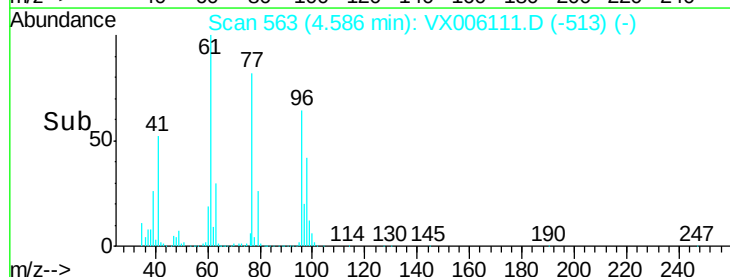
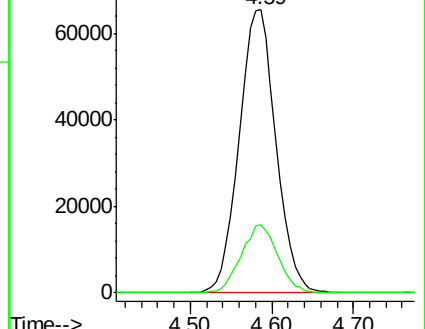
77 100

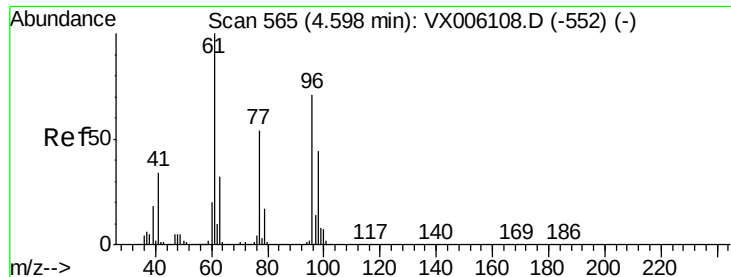
97 24.1 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 48.681 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

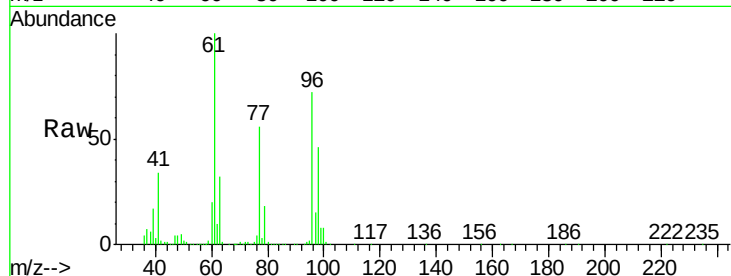
Tgt Ion: 96 Resp: 167557

Ion Ratio Lower Upper

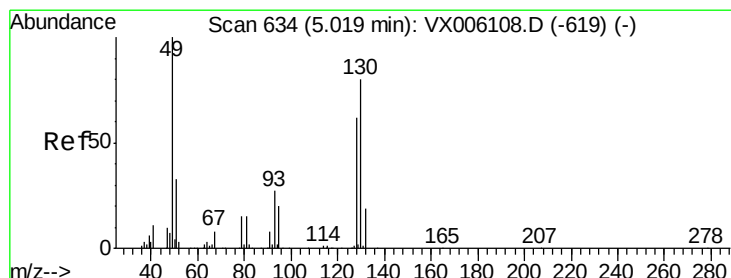
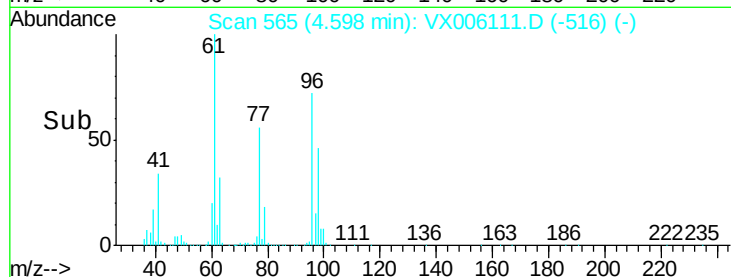
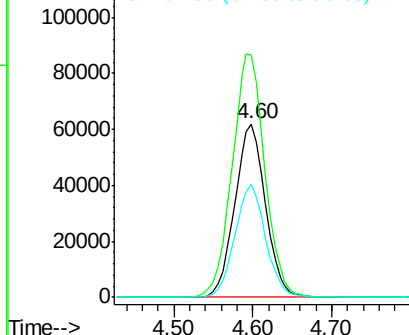
96 100

61 148.9 0.0 291.6

98 65.0 0.0 128.2



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



#28

Bromochloromethane

Concen: 49.708 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

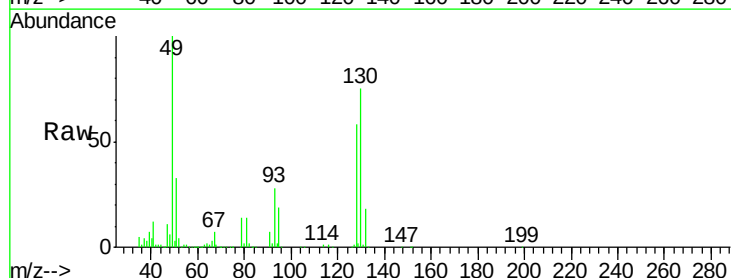
Tgt Ion: 49 Resp: 140698

Ion Ratio Lower Upper

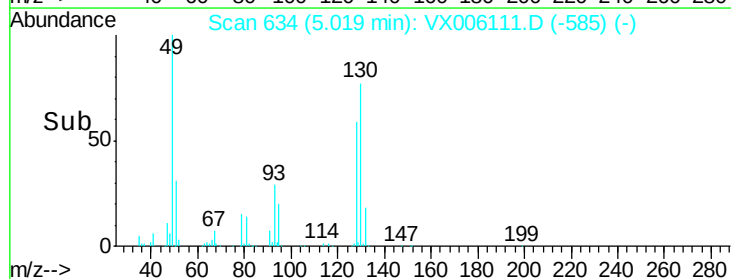
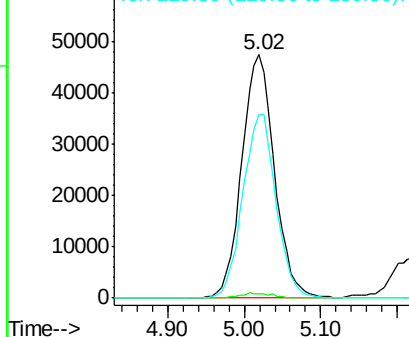
49 100

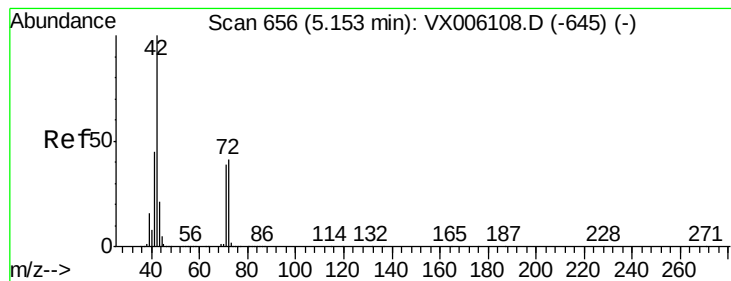
129 2.1 0.0 4.4

130 76.6 61.6 92.4



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





#29

Tetrahydrofuran

Concen: 258.025 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

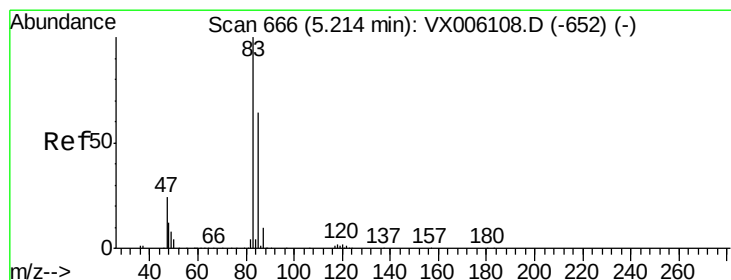
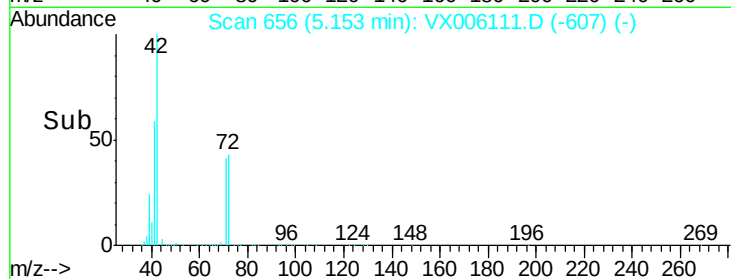
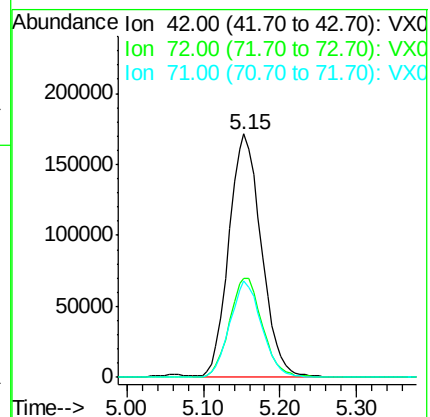
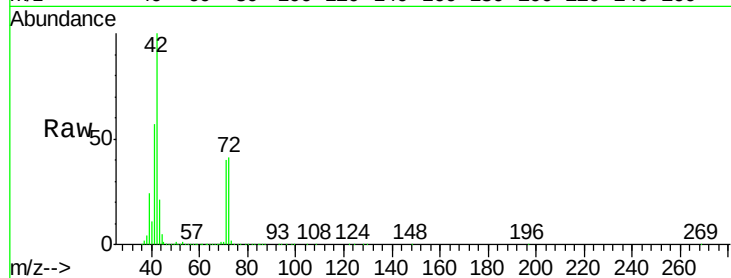
Tgt Ion: 42 Resp: 500755

Ion Ratio Lower Upper

42 100

72 41.8 33.0 49.6

71 39.2 31.0 46.4



#30

Chloroform

Concen: 48.096 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006111.D

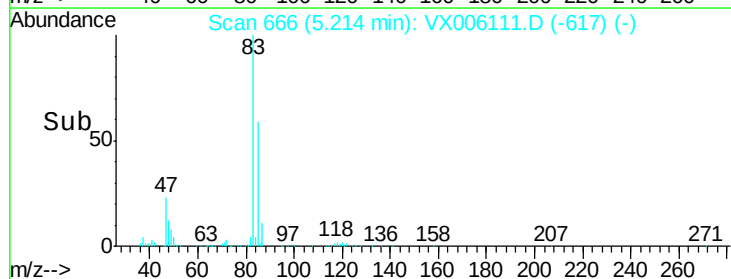
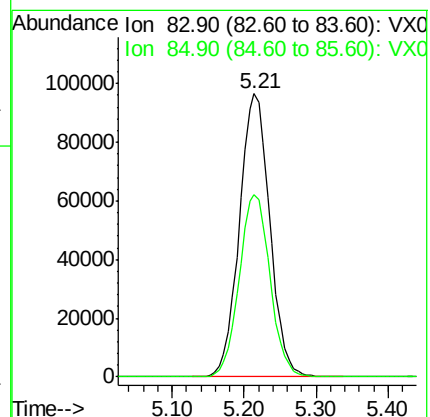
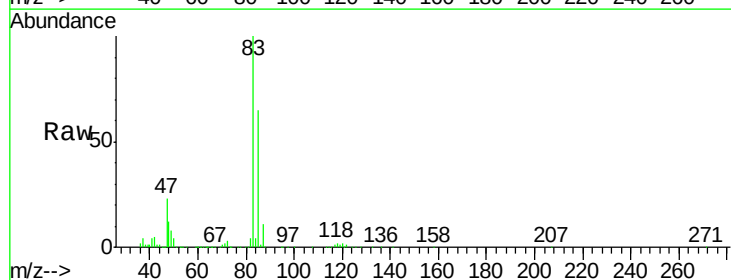
Acq: 20 Nov 2018 20:22

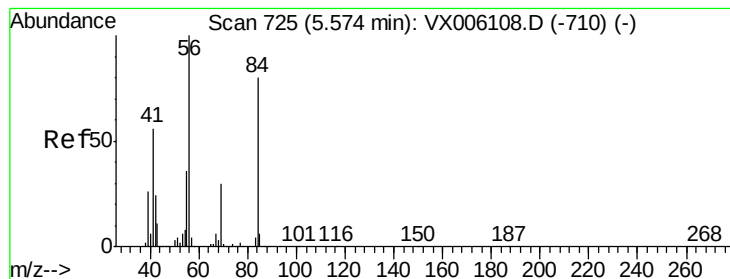
Tgt Ion: 83 Resp: 283055

Ion Ratio Lower Upper

83 100

85 64.5 51.0 76.4





#31

Cyclohexane

Concen: 50.419 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

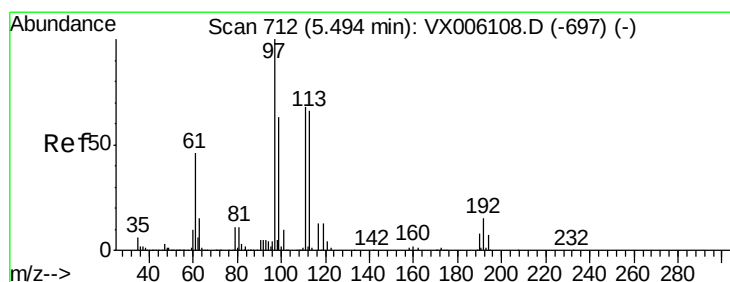
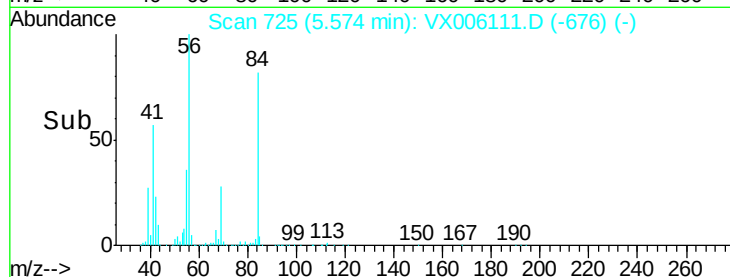
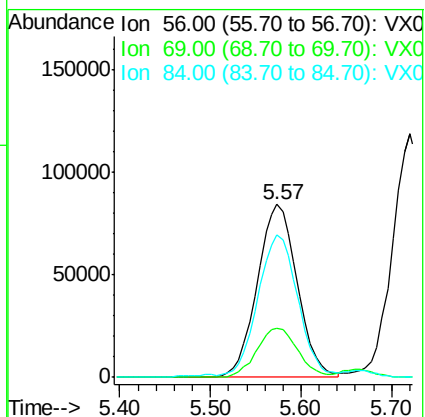
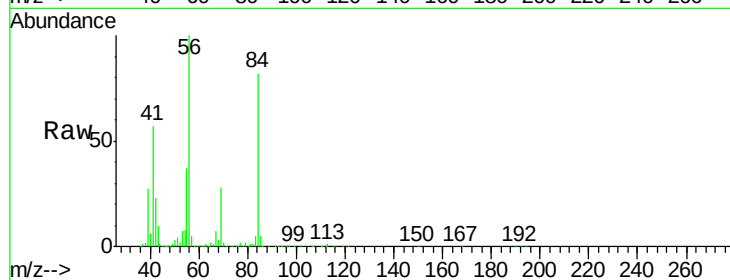
Tgt Ion: 56 Resp: 255771

Ion Ratio Lower Upper

56 100

69 28.2 23.9 35.9

84 81.1 63.6 95.4



#32

1,1,1-Trichloroethane

Concen: 51.268 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

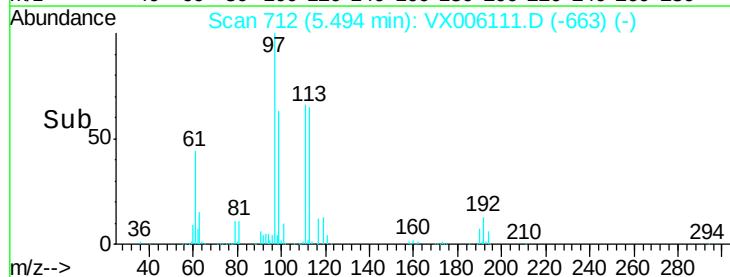
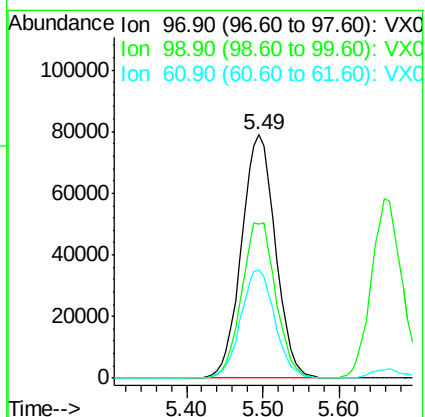
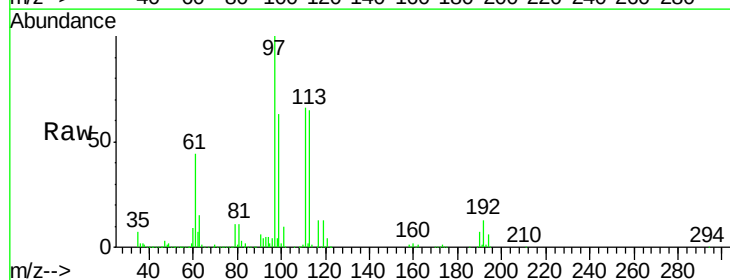
Tgt Ion: 97 Resp: 243629

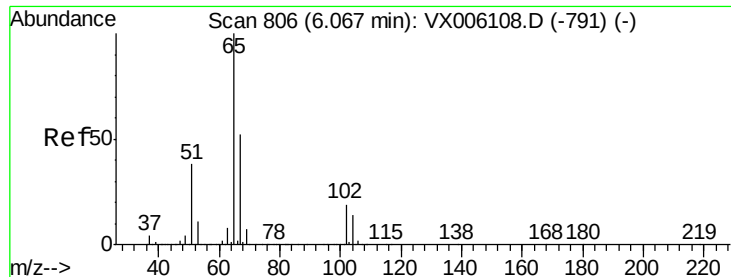
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 44.8 36.6 55.0

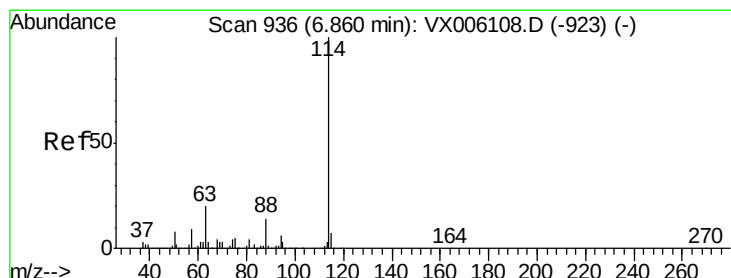
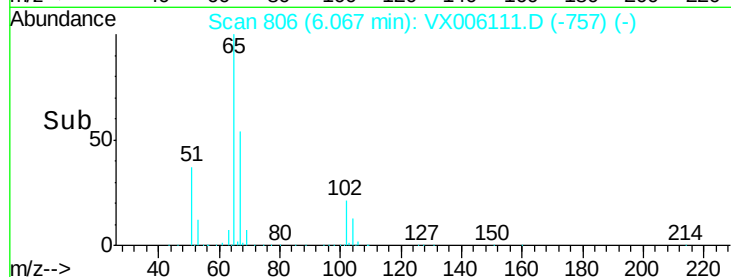
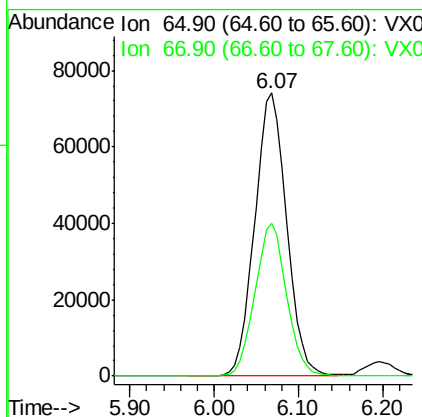
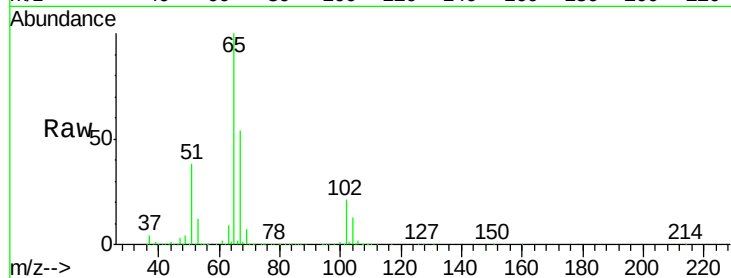




#33
 1,2-Dichloroethane-d4
 Concen: 50.898 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

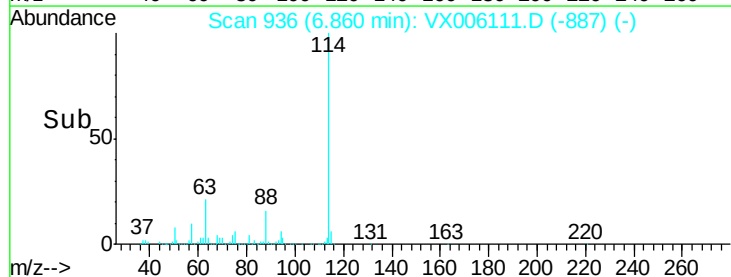
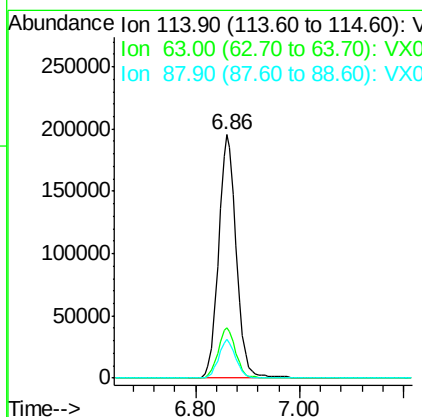
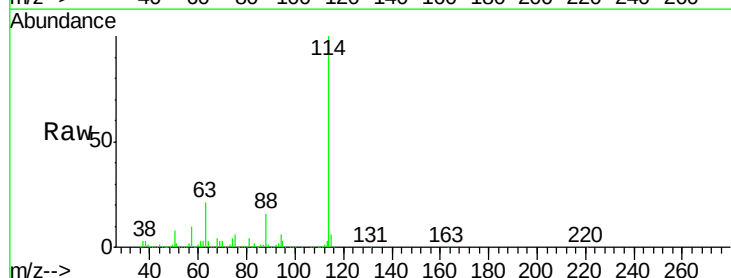
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

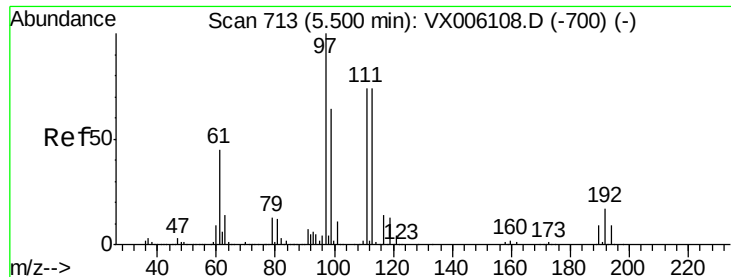
Tgt Ion: 65 Resp: 192247
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion: 114 Resp: 469323
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.2
 88 16.0 0.0 28.6

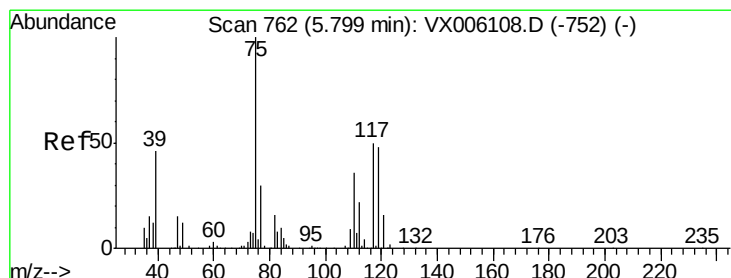
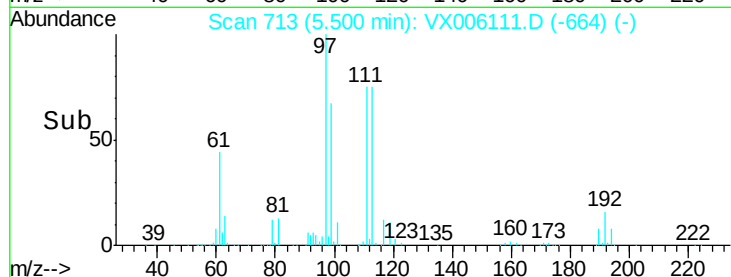
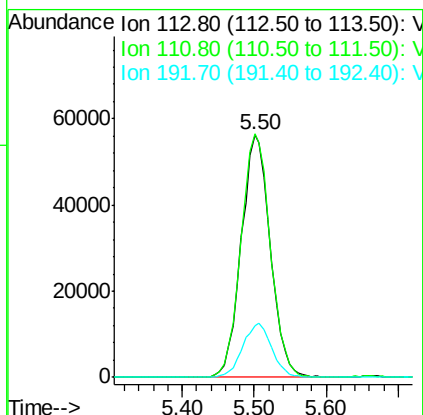
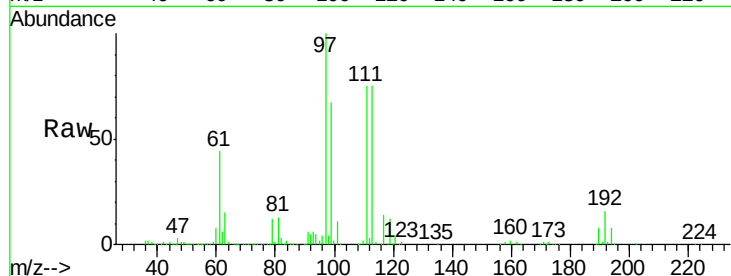




#35
 Dibromofluoromethane
 Concen: 52.337 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

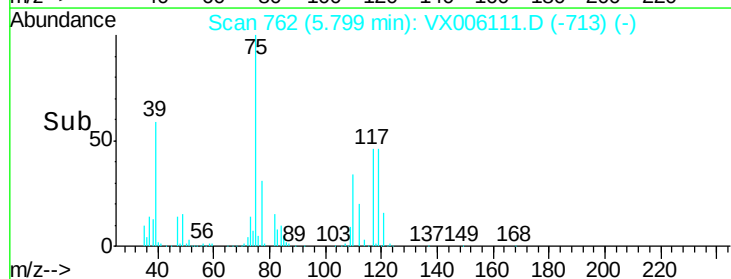
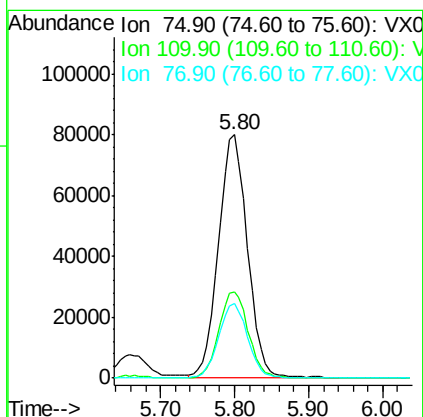
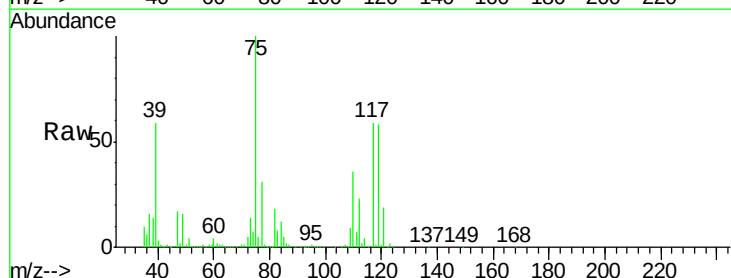
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

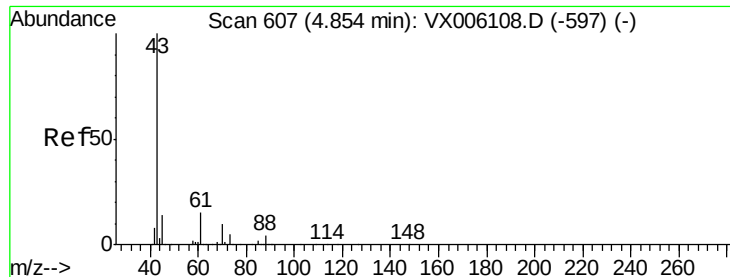
Tgt Ion:113 Resp: 157674
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.5 122.3
 192 22.4 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 50.308 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion: 75 Resp: 214798
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.8 53.3
 77 30.6 24.5 36.7

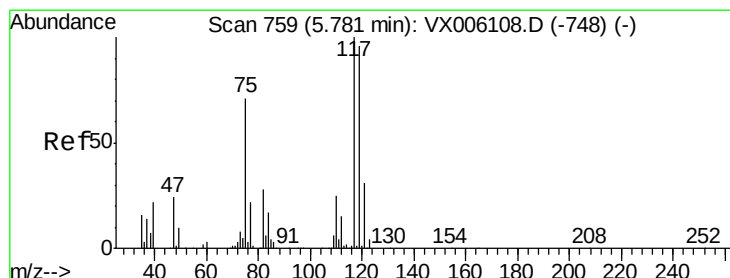
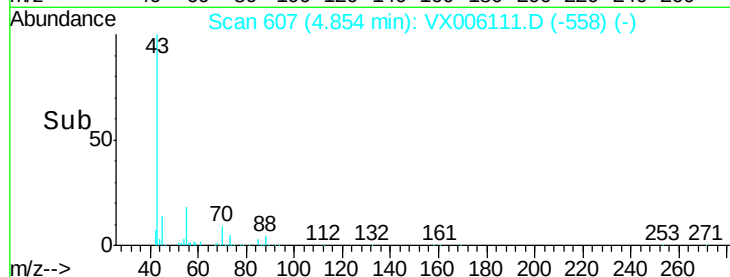
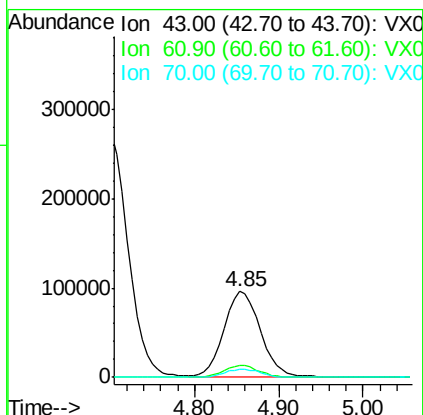
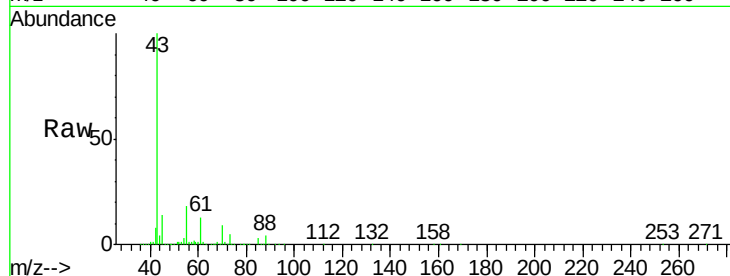




#37
 Ethyl Acetate
 Concen: 51.293 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

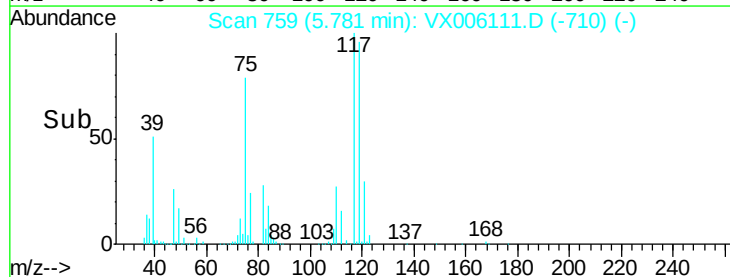
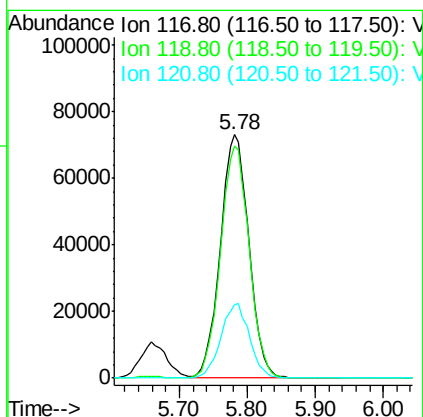
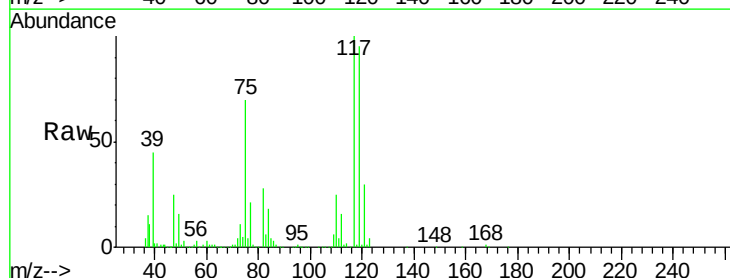
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

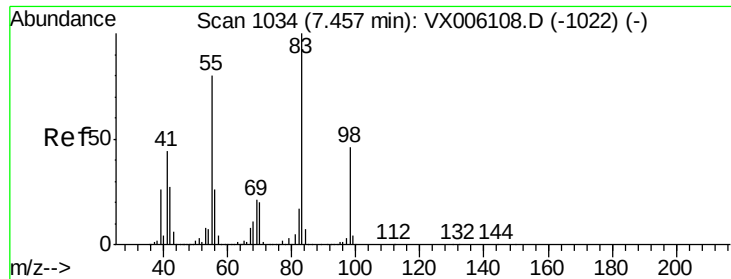
Tgt Ion: 43 Resp: 281762
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.5 15.7
 70 9.7 7.9 11.9



#38
 Carbon Tetrachloride
 Concen: 52.943 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion: 117 Resp: 212469
 Ion Ratio Lower Upper
 117 100
 119 95.3 76.3 114.5
 121 30.2 24.7 37.1

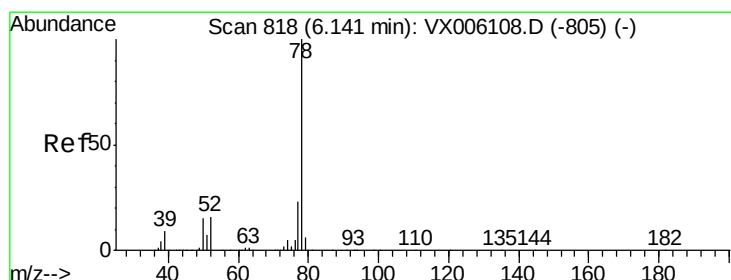
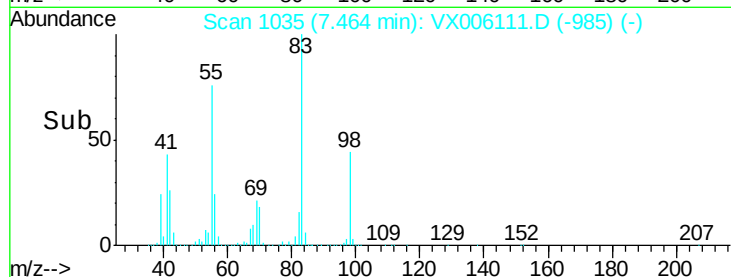
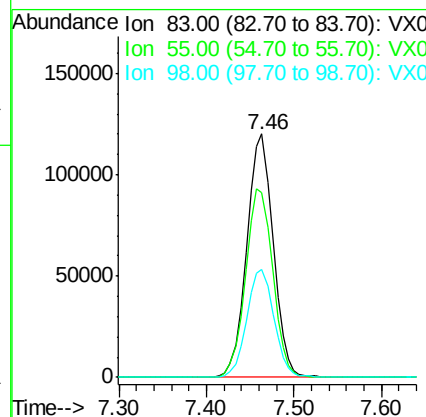
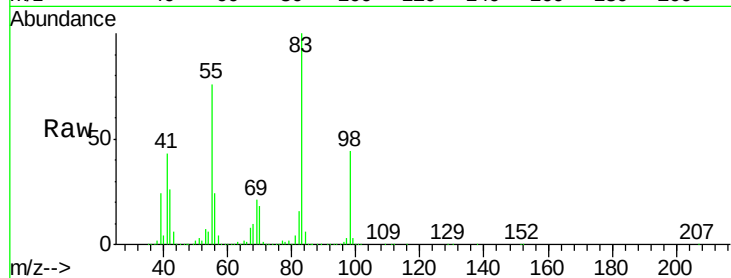




#39
Methylcyclohexane
Concen: 51.896 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

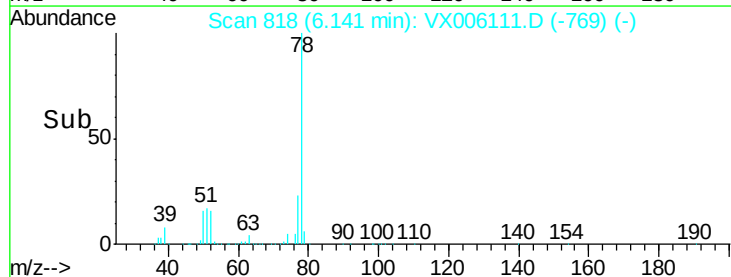
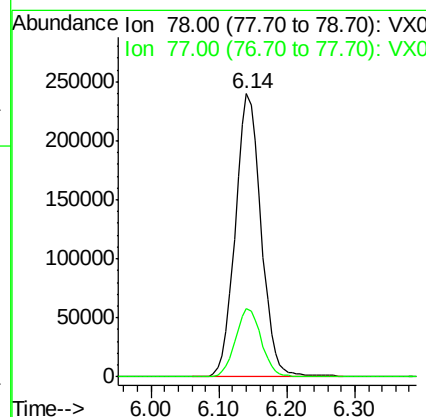
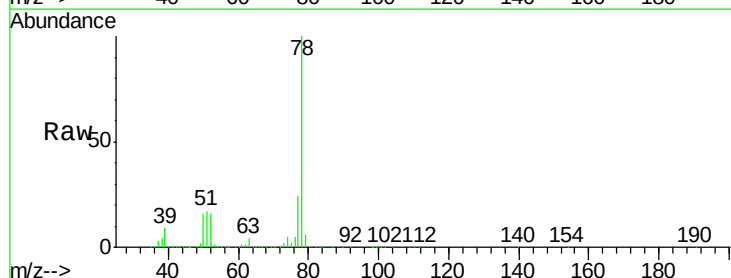
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

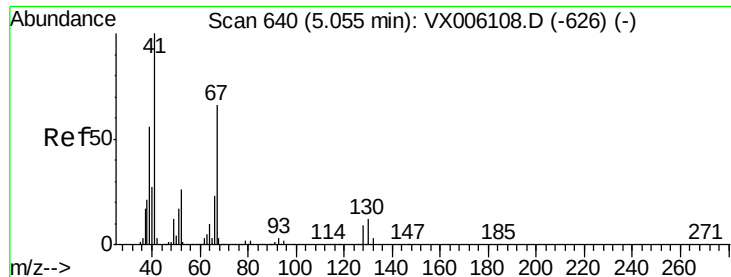
Tgt Ion: 83 Resp: 252437
Ion Ratio Lower Upper
83 100
55 75.8 63.9 95.9
98 44.4 36.8 55.2



#40
Benzene
Concen: 50.137 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion: 78 Resp: 630692
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

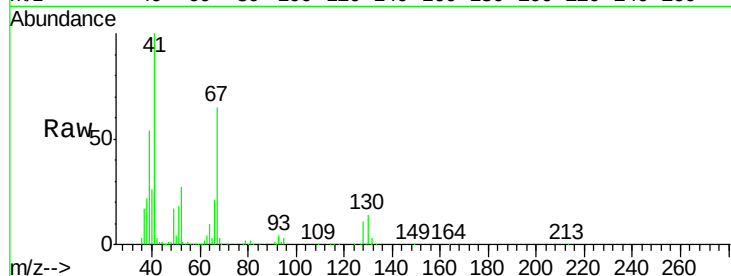




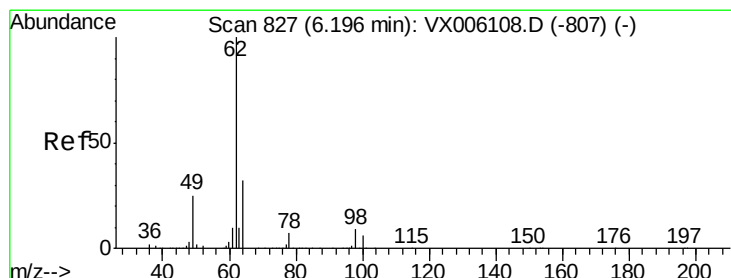
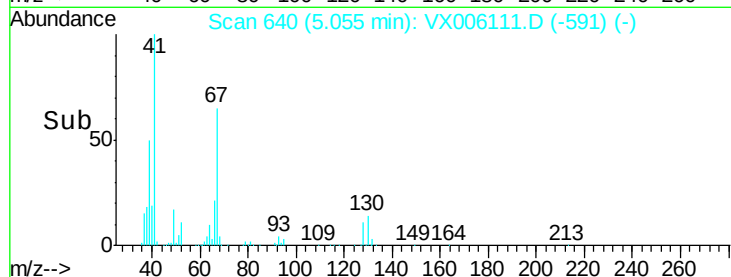
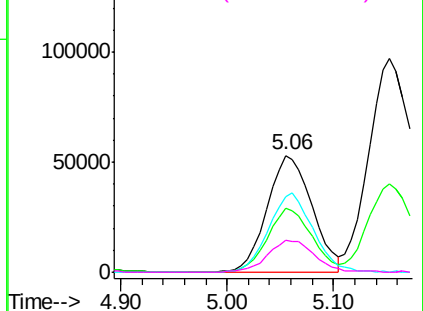
#41
Methacrylonitrile
Concen: 50.977 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

Tgt Ion:	41	Resp:	154319
Ion	Ratio	Lower	Upper
41	100		
39	54.0	44.1	66.1
67	68.0	54.1	81.1
52	28.2	21.7	32.5

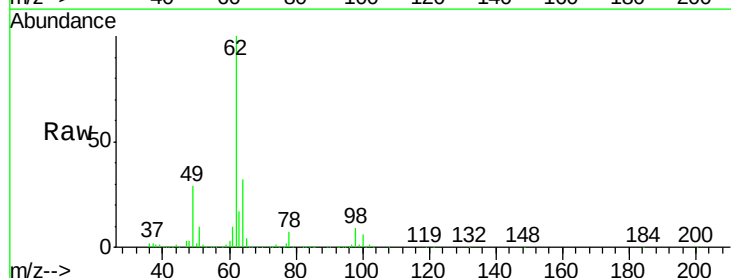


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

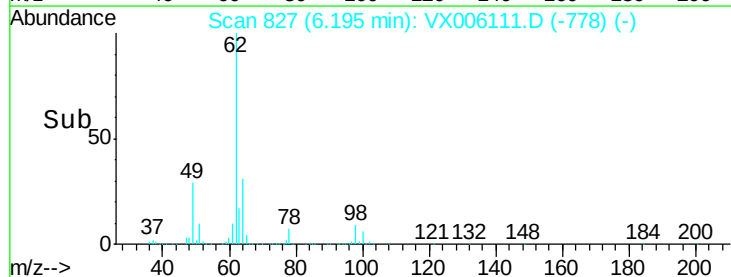
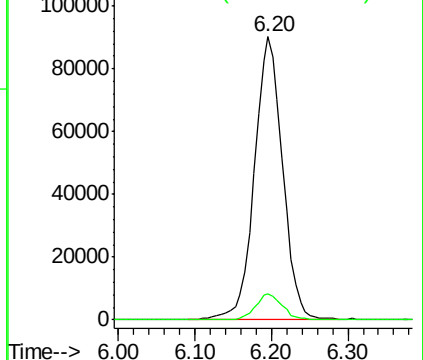


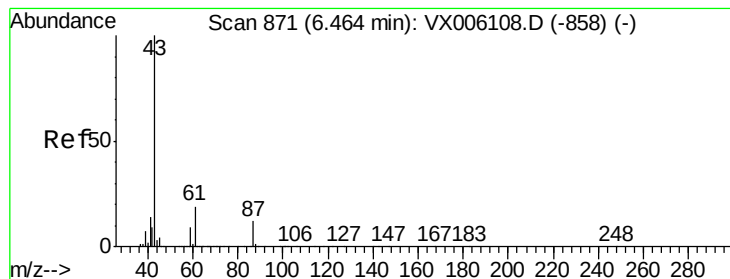
#42
1,2-Dichloroethane
Concen: 49.220 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion:	62	Resp:	231478
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 52.721 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

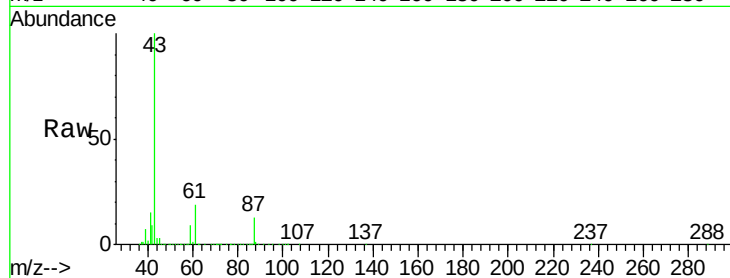
Tgt Ion: 43 Resp: 418238

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

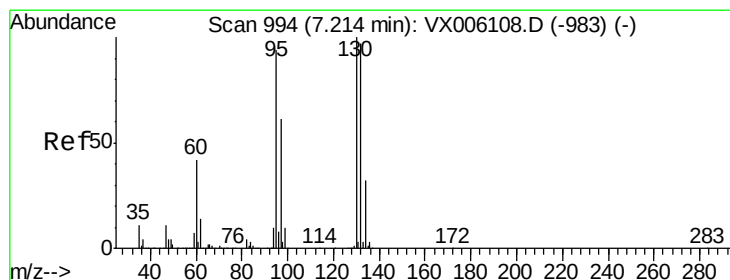
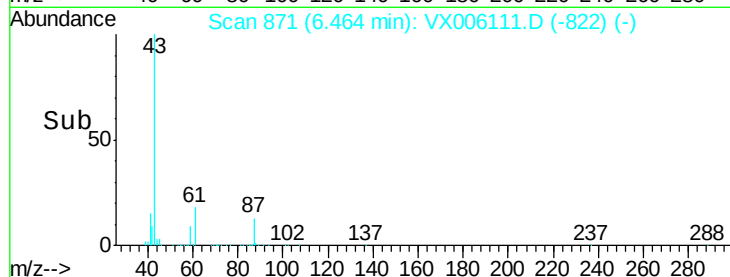
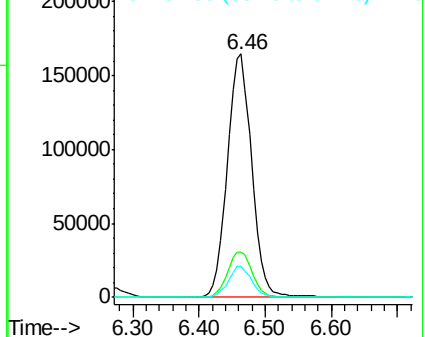
87 12.4 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.541 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006111.D

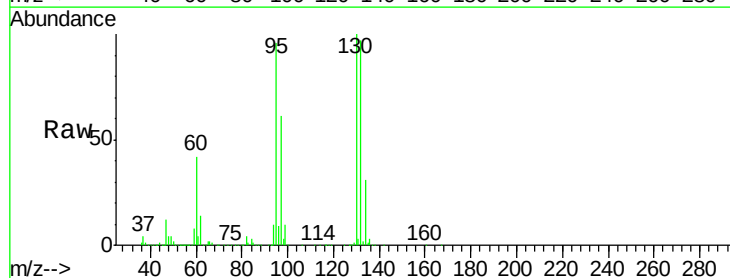
Acq: 20 Nov 2018 20:22

Tgt Ion: 130 Resp: 176701

Ion Ratio Lower Upper

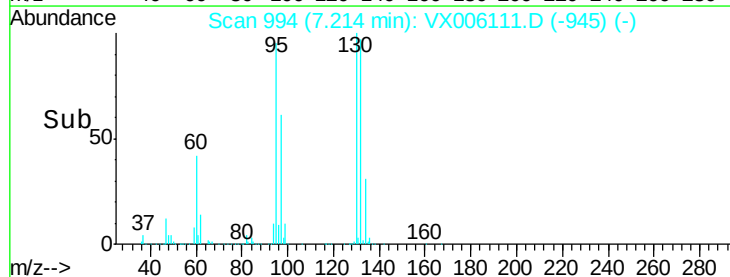
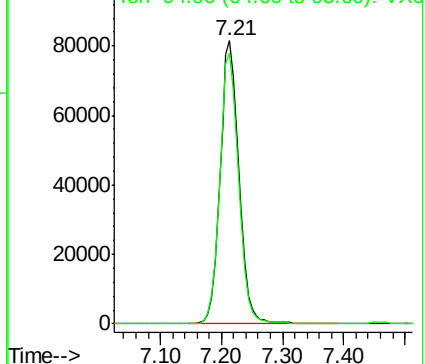
130 100

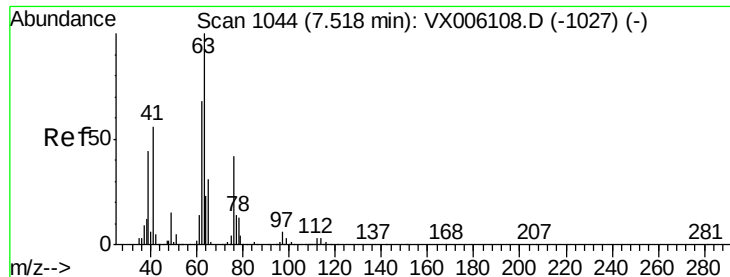
95 95.7 0.0 188.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.506 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

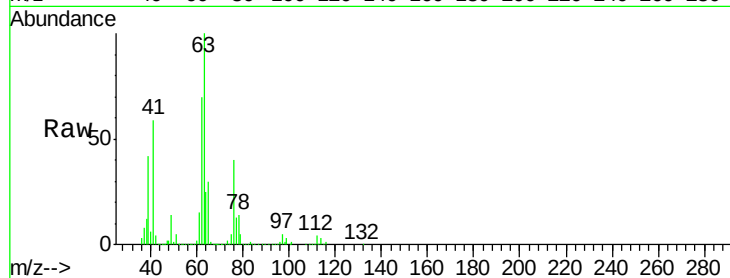
ICVVX112018

Tgt Ion: 63 Resp: 171467

Ion Ratio Lower Upper

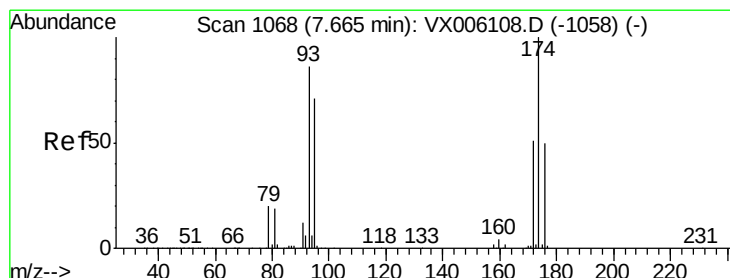
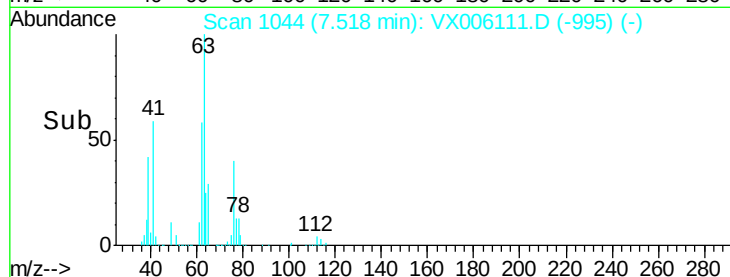
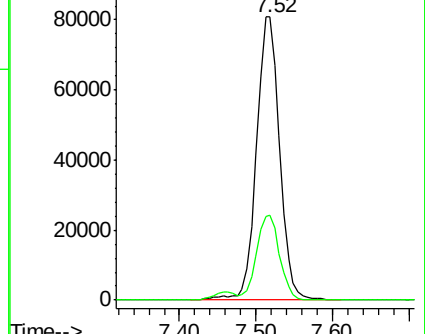
63 100

65 29.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.183 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

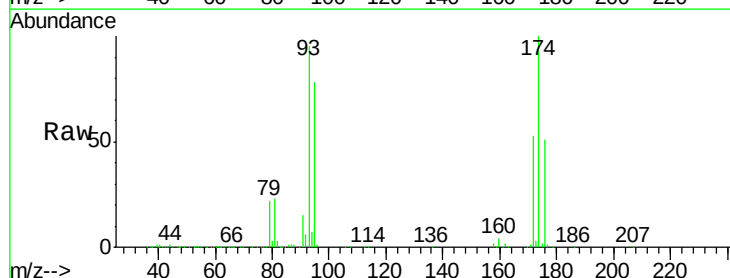
Tgt Ion: 93 Resp: 112130

Ion Ratio Lower Upper

93 100

95 83.0 66.3 99.5

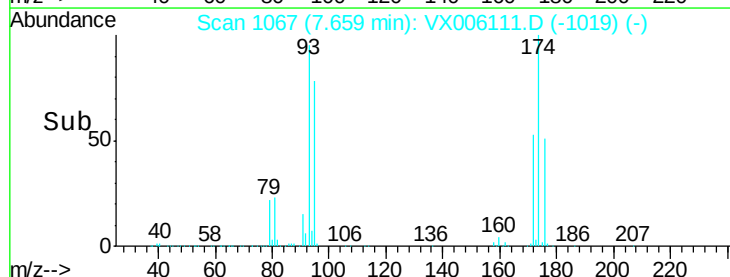
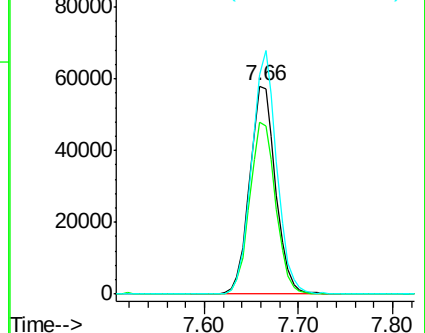
174 113.3 91.0 136.6

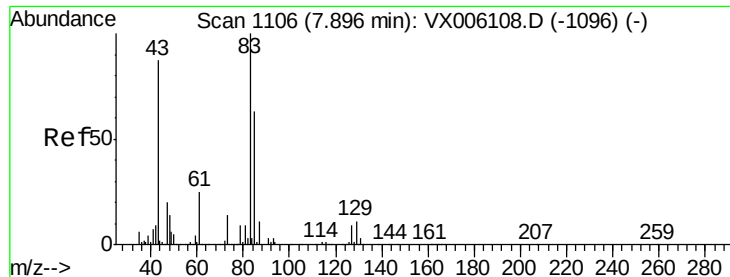


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.966 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

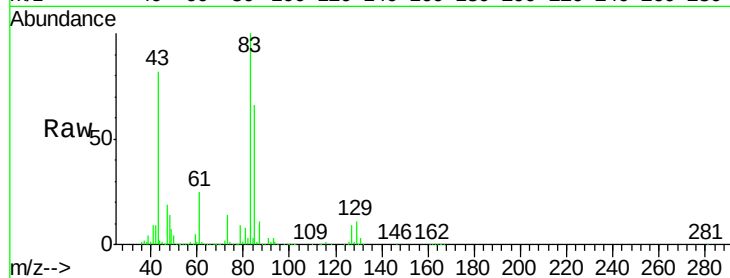
Tgt Ion: 83 Resp: 214907

Ion Ratio Lower Upper

83 100

85 66.3 50.4 75.6

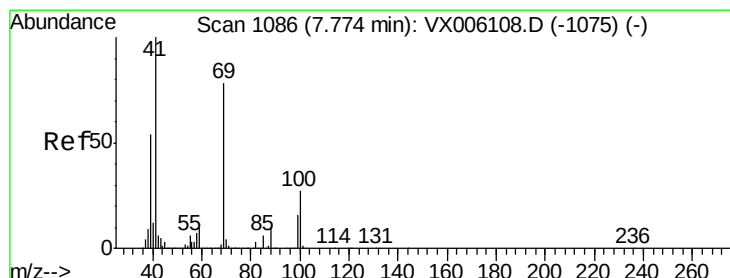
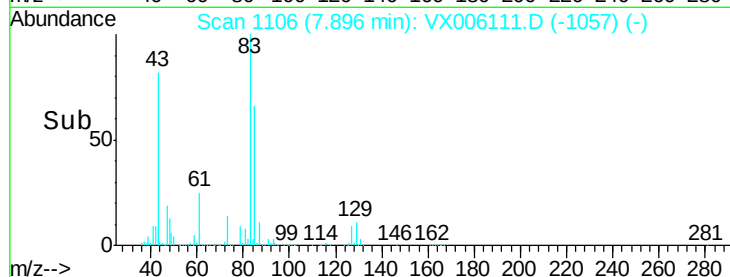
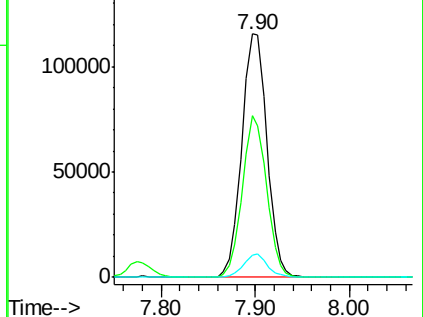
127 9.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.199 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

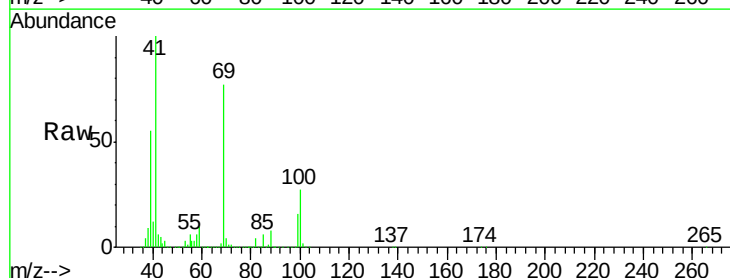
Tgt Ion: 41 Resp: 222086

Ion Ratio Lower Upper

41 100

69 78.8 62.8 94.2

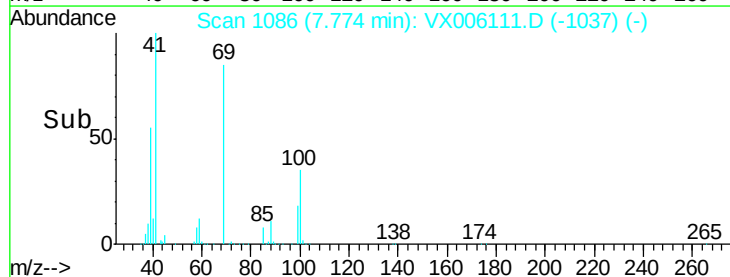
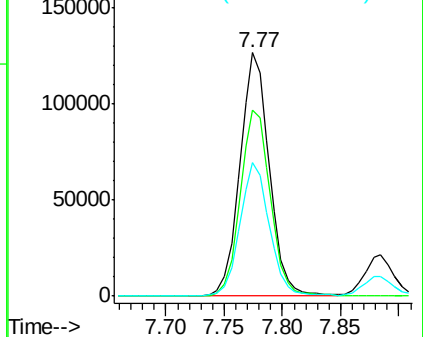
39 54.8 43.8 65.6

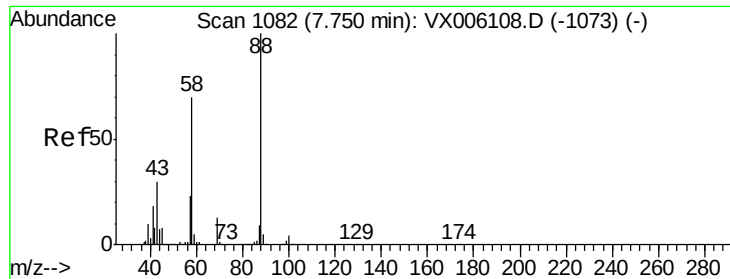


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

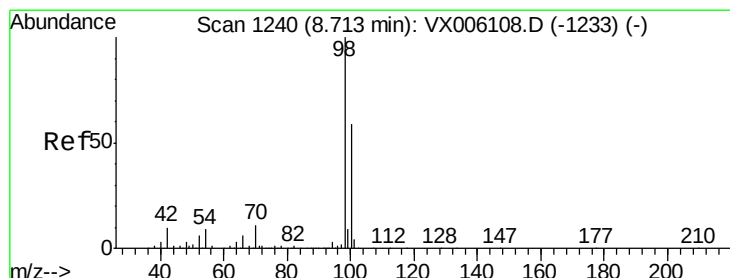
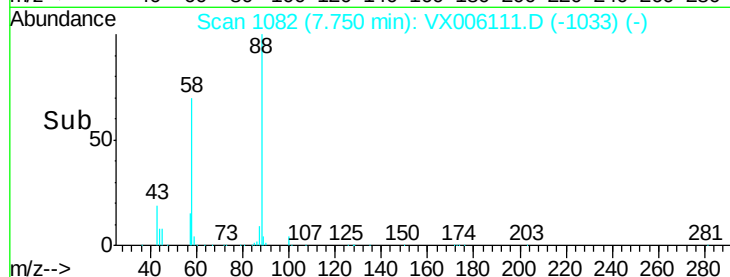
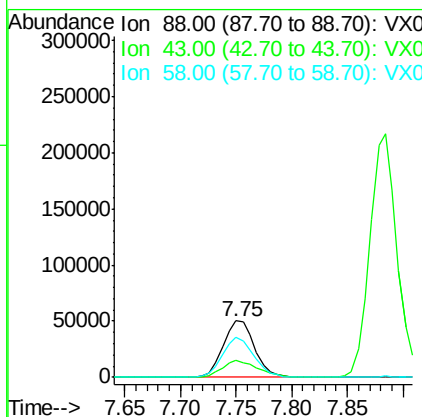
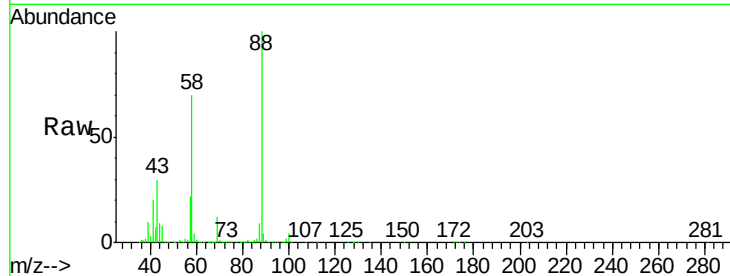




#49
 1,4-Dioxane
 Concen: 1017.743 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

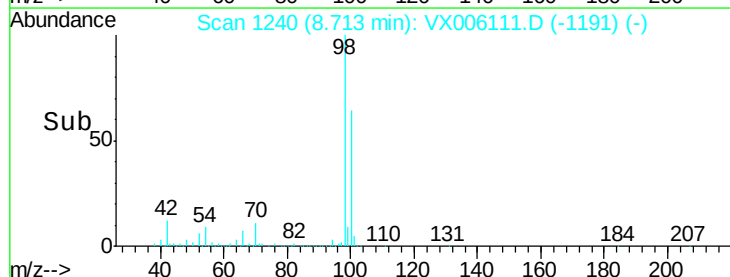
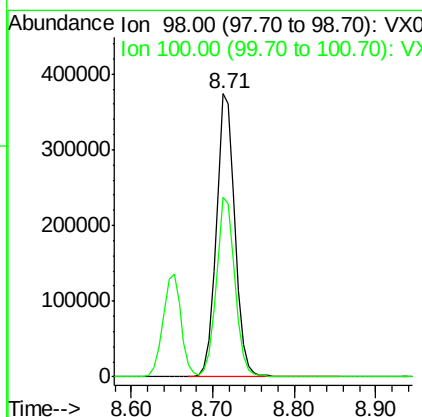
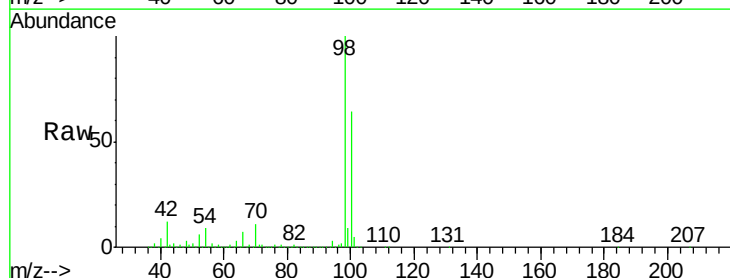
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

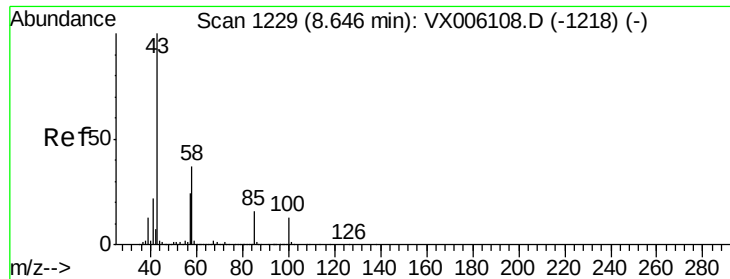
Tgt Ion: 88 Resp: 97147
 Ion Ratio Lower Upper
 88 100
 43 34.9 26.7 40.1
 58 72.6 58.5 87.7



#50
 Toluene-d8
 Concen: 52.173 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion: 98 Resp: 599508
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.0 76.4

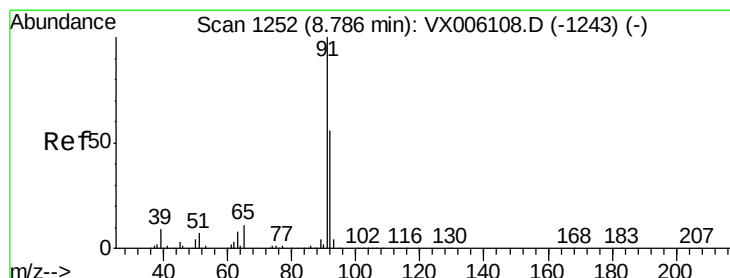
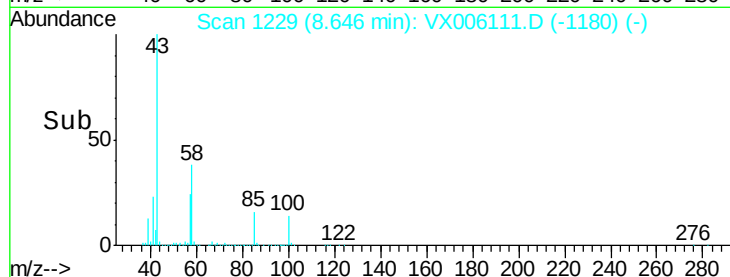
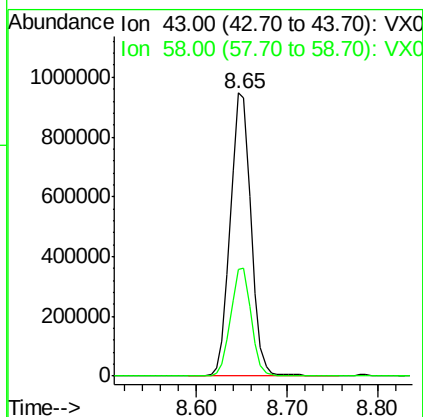
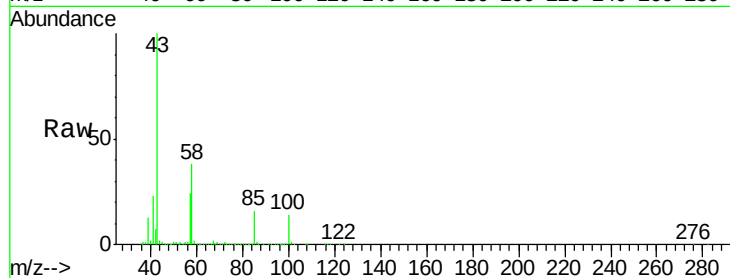




#51
 4-Methyl-2-Pentanone
 Concen: 264.012 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

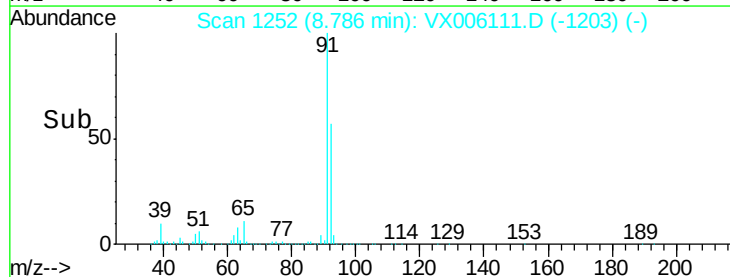
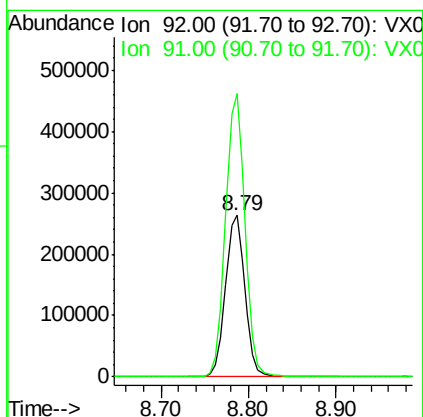
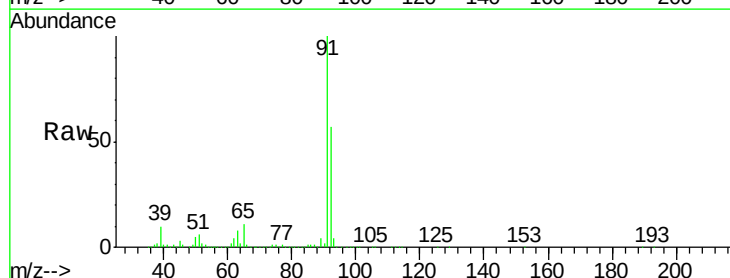
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

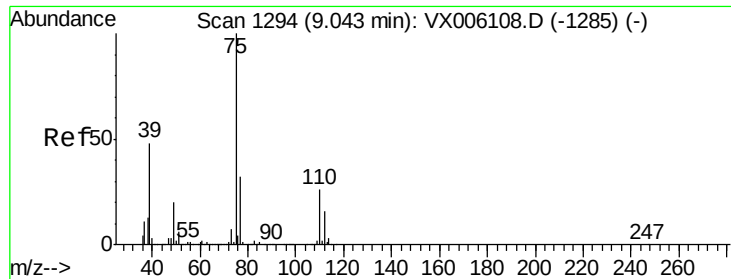
Tgt Ion: 43 Resp: 1501495
 Ion Ratio Lower Upper
 43 100
 58 37.8 29.9 44.9



#52
 Toluene
 Concen: 52.029 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion: 92 Resp: 404819
 Ion Ratio Lower Upper
 92 100
 91 175.1 142.5 213.7

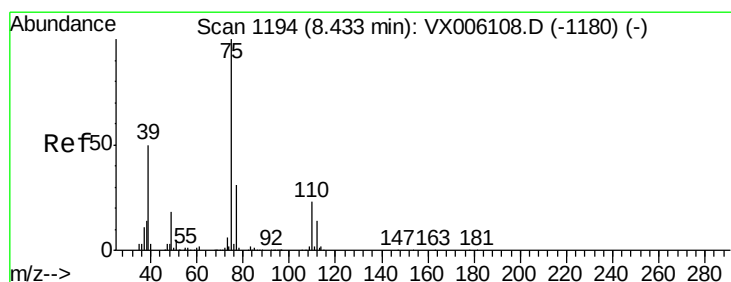
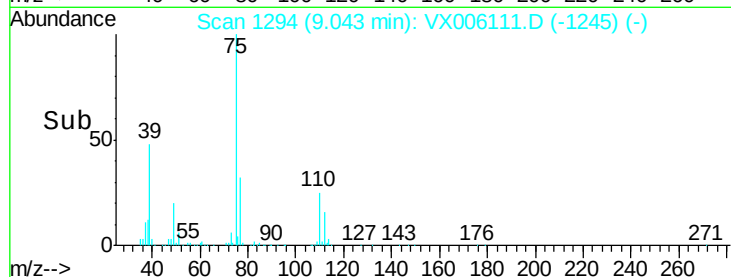
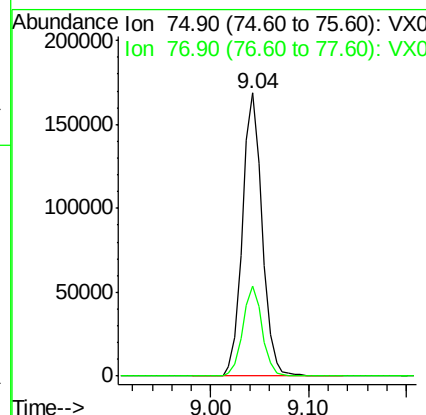
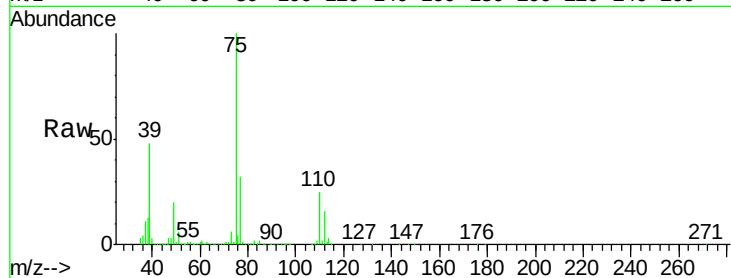




#53
t-1,3-Dichloropropene
Concen: 53.455 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

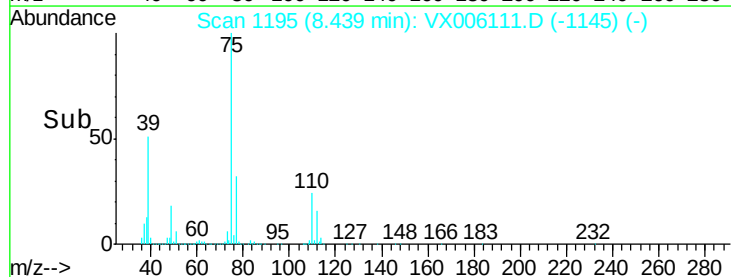
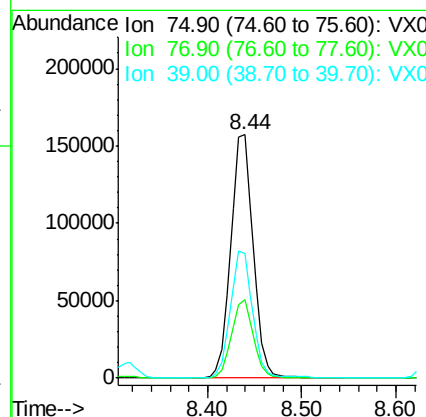
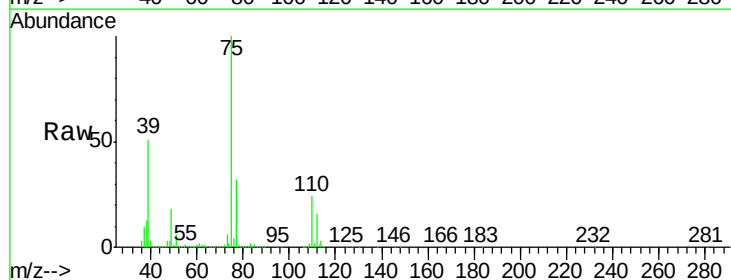
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

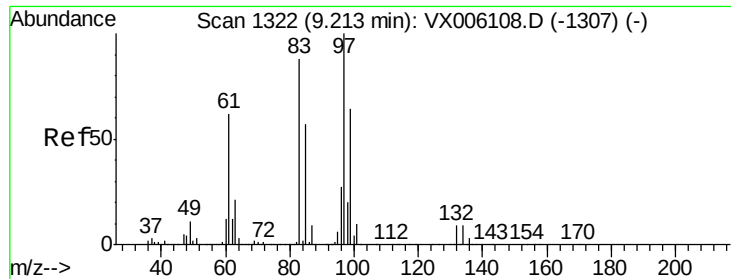
Tgt Ion: 75 Resp: 235213
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 53.310 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion: 75 Resp: 259314
Ion Ratio Lower Upper
75 100
77 32.3 24.7 37.1
39 51.0 40.3 60.5

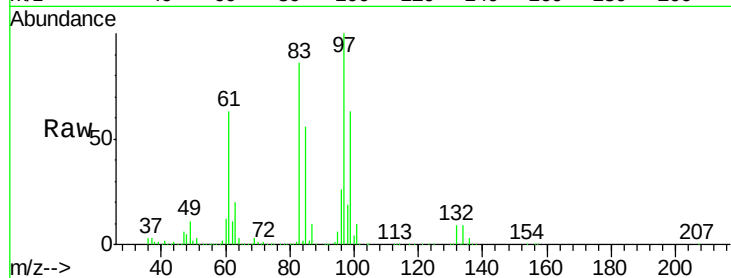




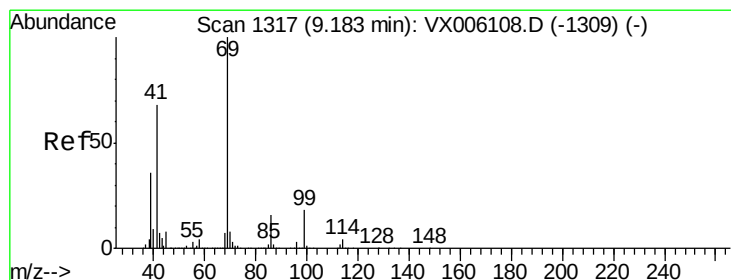
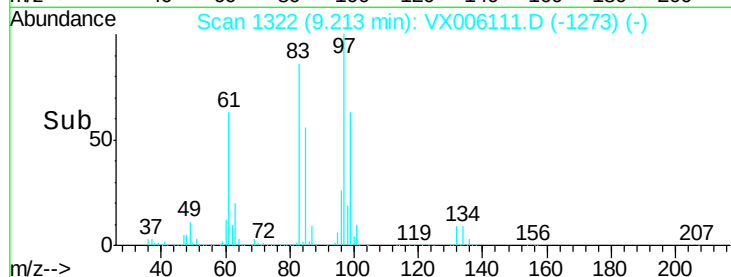
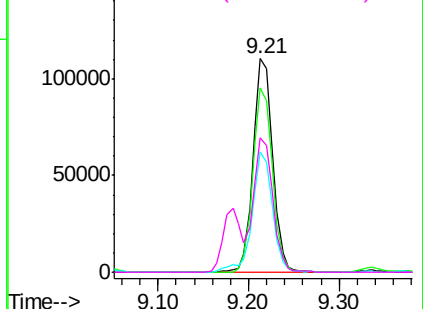
#55
 1,1,2-Trichloroethane
 Concen: 49.154 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

Tgt Ion: 97 Resp: 165632
 Ion Ratio Lower Upper
 97 100
 83 86.1 70.7 106.1
 85 56.2 45.7 68.5
 99 63.0 51.4 77.2

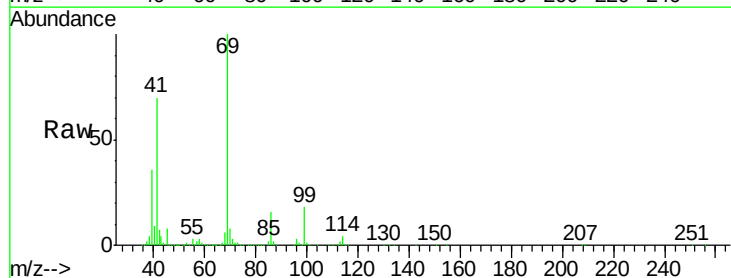


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

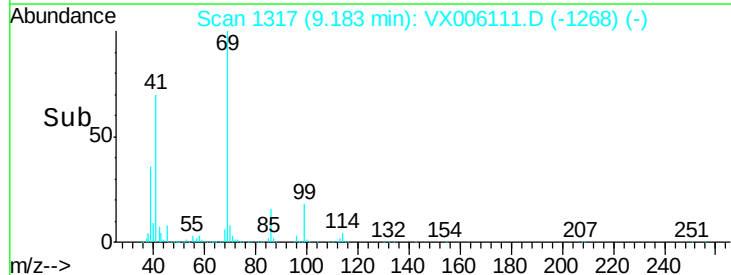
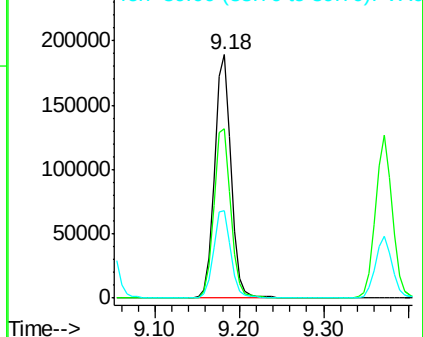


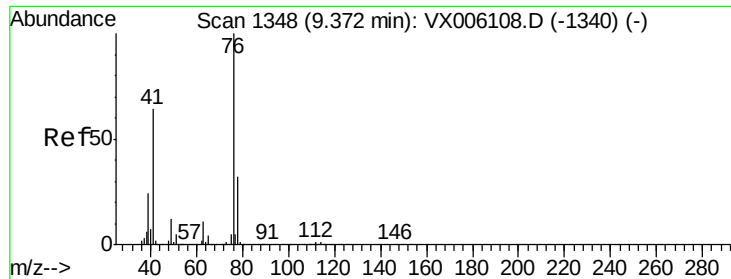
#56
 Ethyl methacrylate
 Concen: 49.005 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion: 69 Resp: 256828
 Ion Ratio Lower Upper
 69 100
 41 71.7 56.2 84.4
 39 37.3 29.4 44.0



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





#57

1,3-Dichloropropane

Concen: 50.400 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

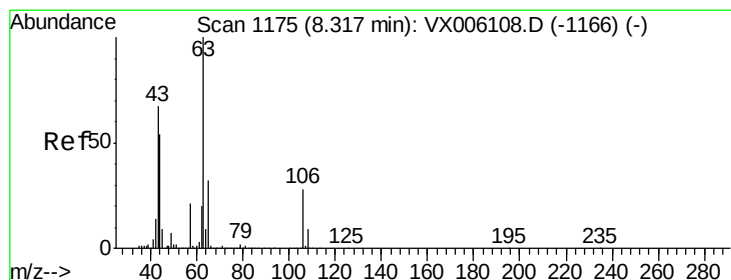
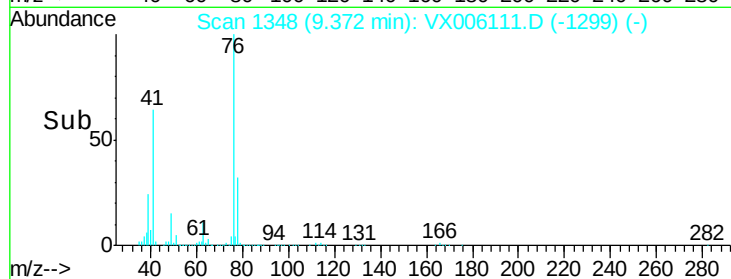
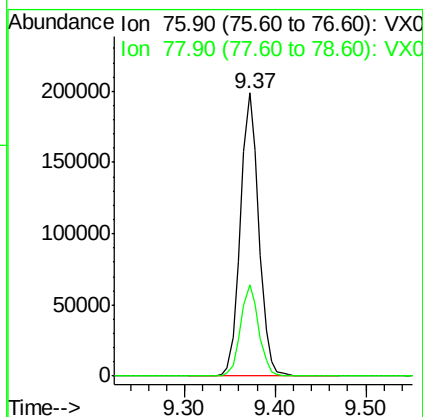
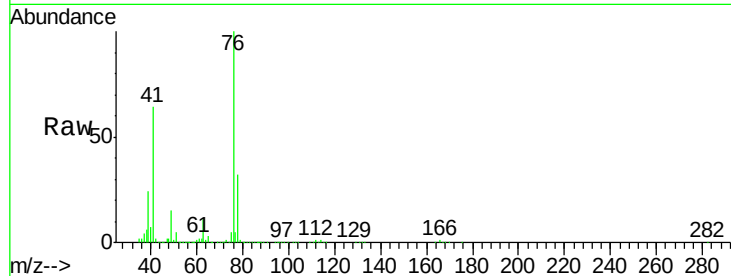
ICVVX112018

Tgt Ion: 76 Resp: 279936

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 250.044 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006111.D

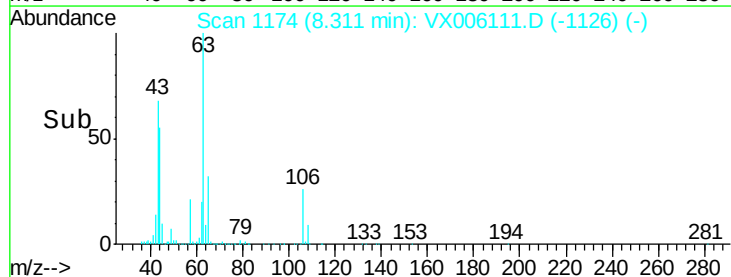
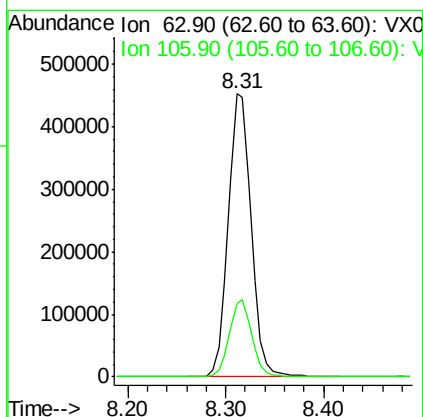
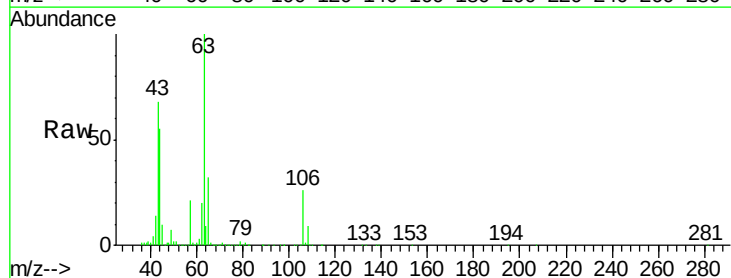
Acq: 20 Nov 2018 20:22

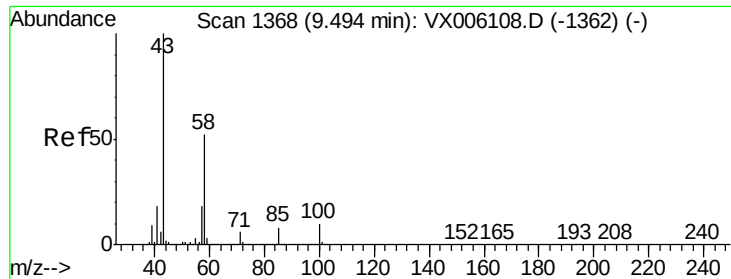
Tgt Ion: 63 Resp: 732271

Ion Ratio Lower Upper

63 100

106 26.7 21.7 32.5

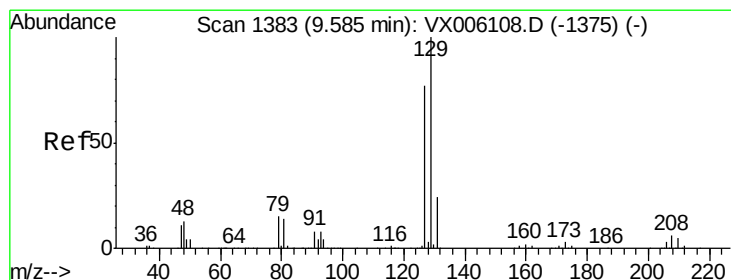
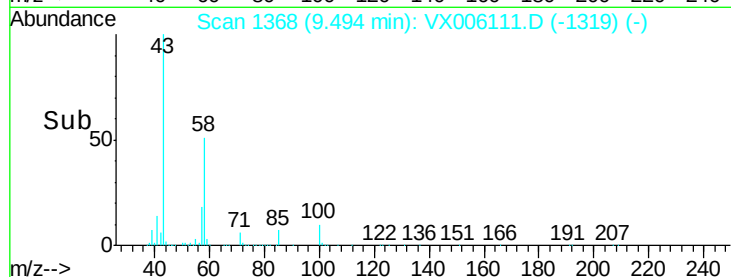
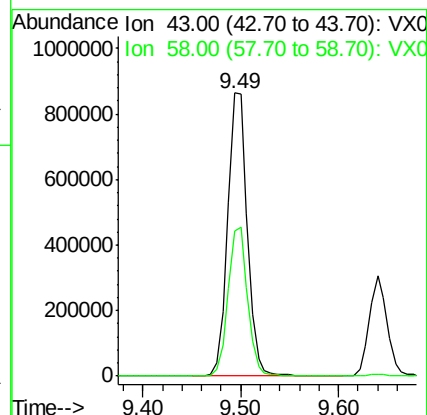
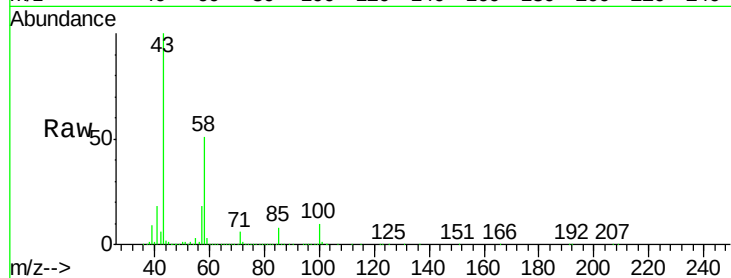




#59
2-Hexanone
Concen: 267.213 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

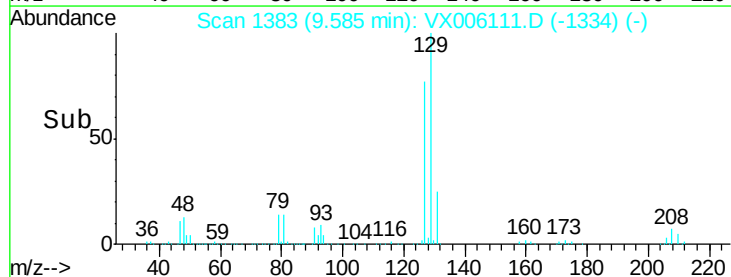
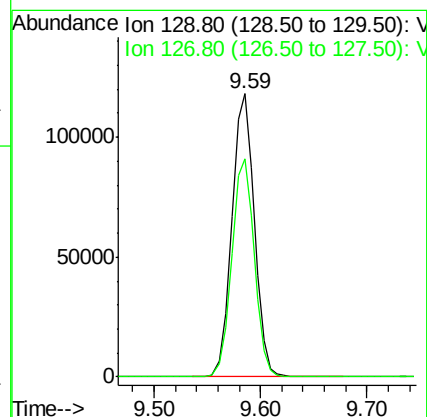
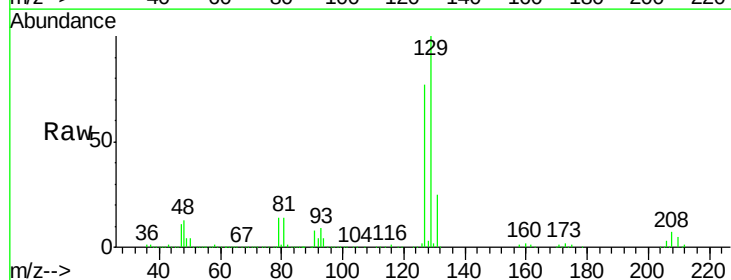
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

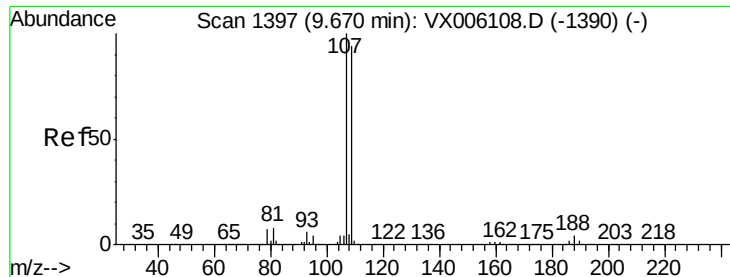
Tgt Ion: 43 Resp: 1206050
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.9



#60
Dibromochloromethane
Concen: 52.912 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion: 129 Resp: 174802
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.5

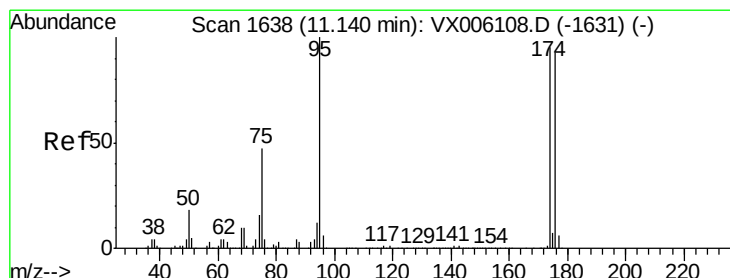
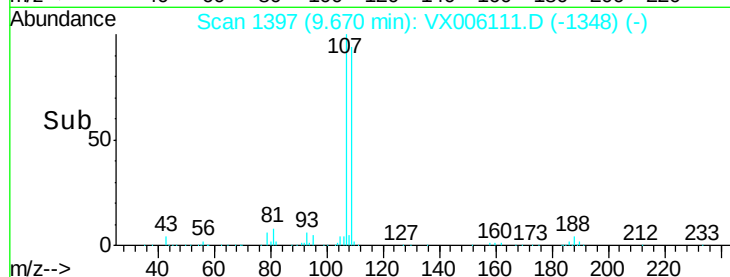
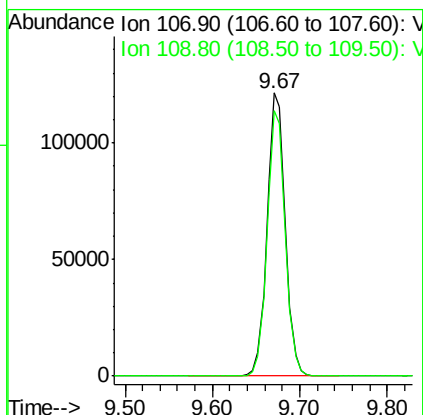
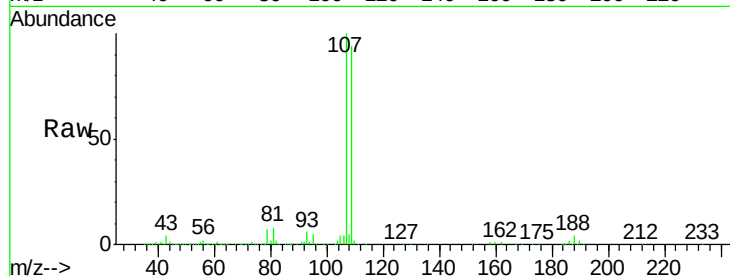




#61
 1,2-Dibromoethane
 Concen: 51.268 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

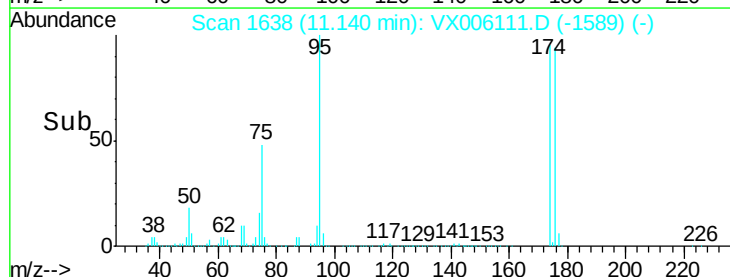
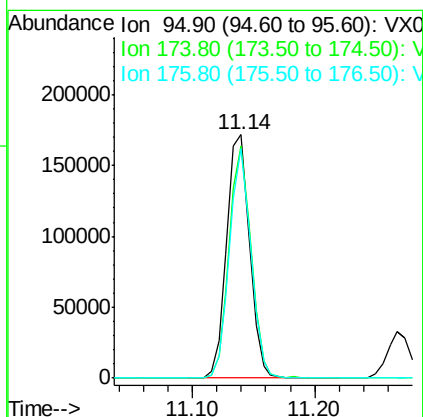
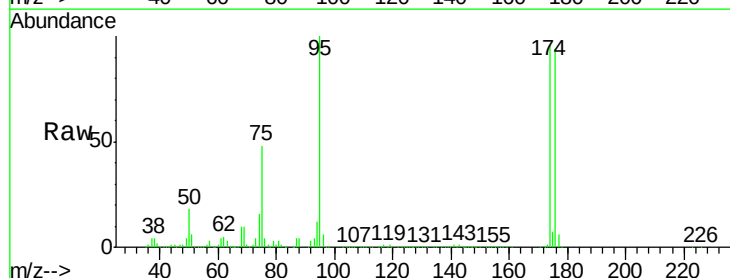
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

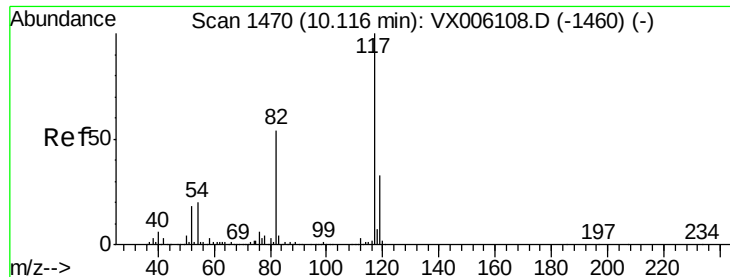
Tgt Ion: 107 Resp: 177978
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 51.759 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion: 95 Resp: 223152
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 184.4
 176 88.1 0.0 179.0

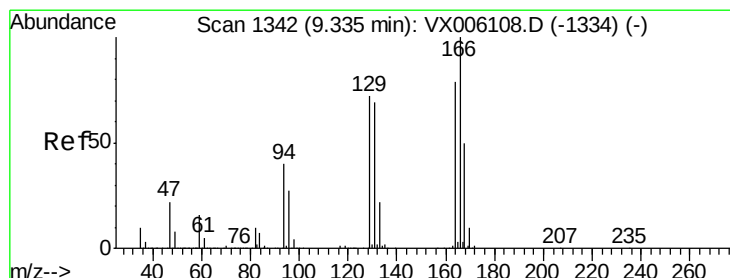
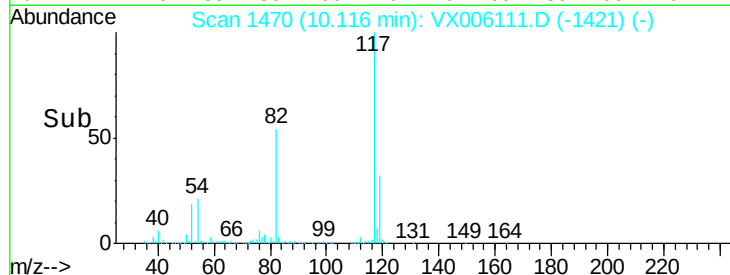
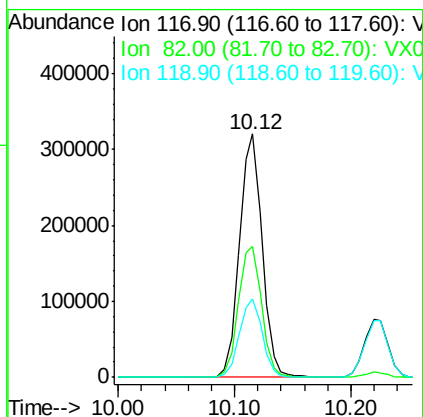
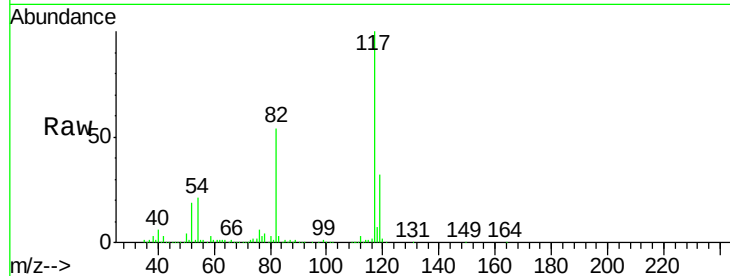




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

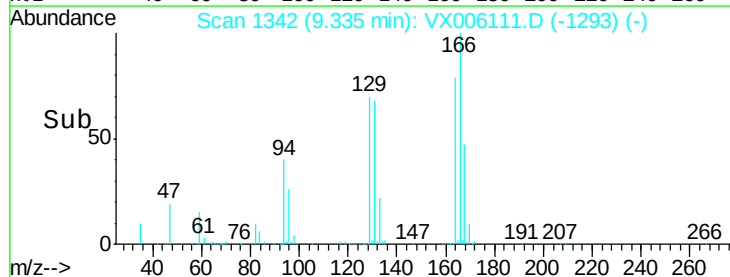
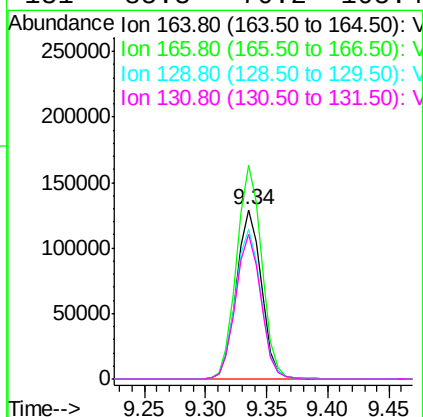
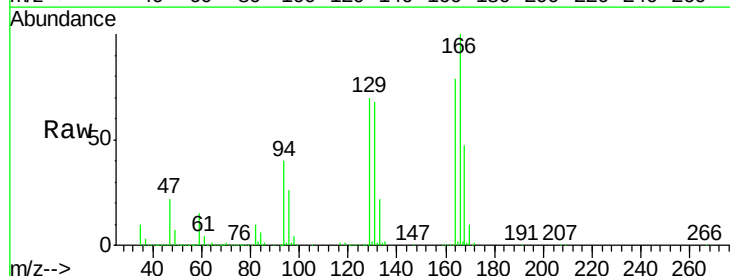
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

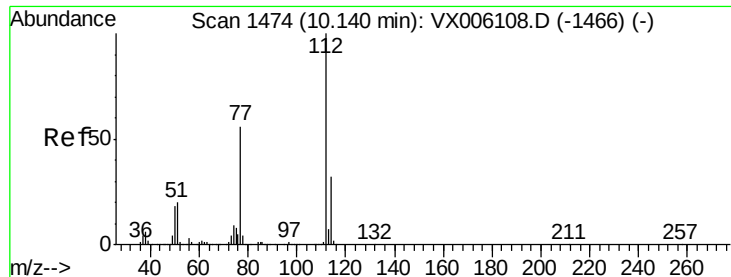
Tgt Ion:117 Resp: 436193
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.3 26.1 39.1



#64
Tetrachloroethene
Concen: 50.698 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion:164 Resp: 181984
Ion Ratio Lower Upper
164 100
166 126.1 101.5 152.3
129 88.5 73.4 110.0
131 85.3 70.2 105.4

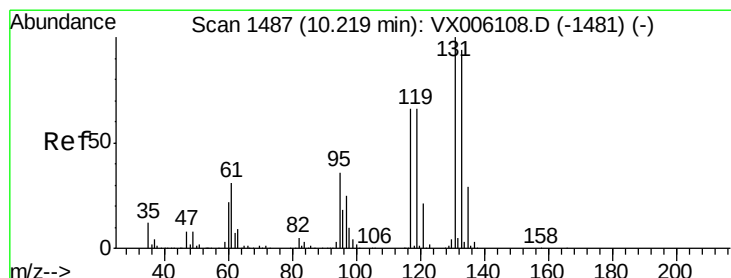
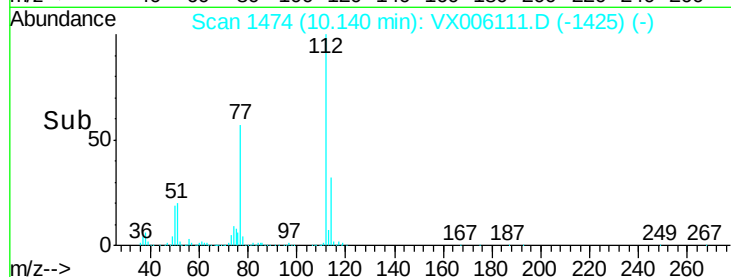
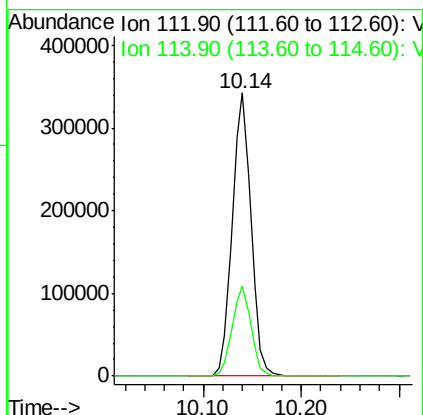
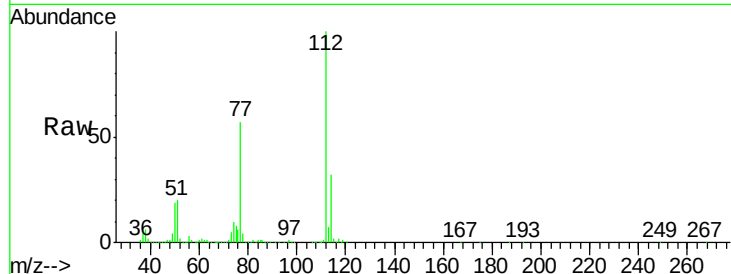




#65
Chlorobenzene
Concen: 51.091 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

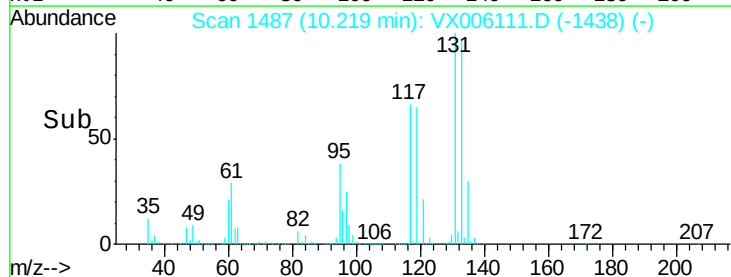
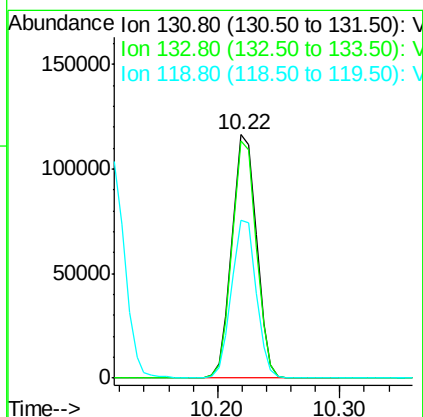
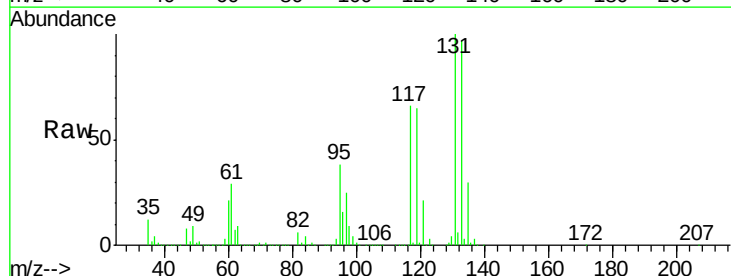
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

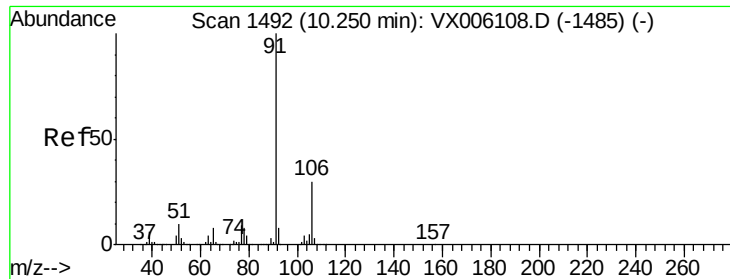
Tgt Ion:112 Resp: 457123
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.714 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion:131 Resp: 161924
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 64.9 32.6 97.8

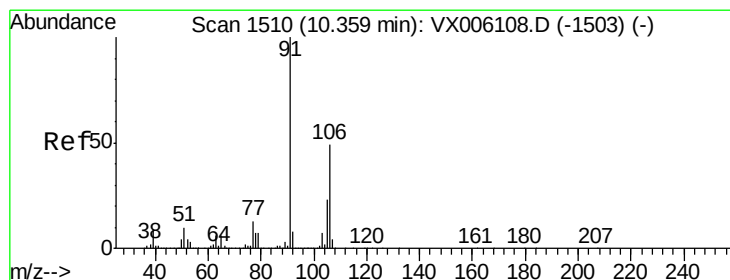
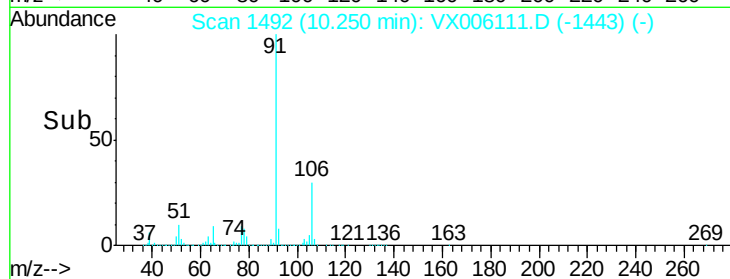
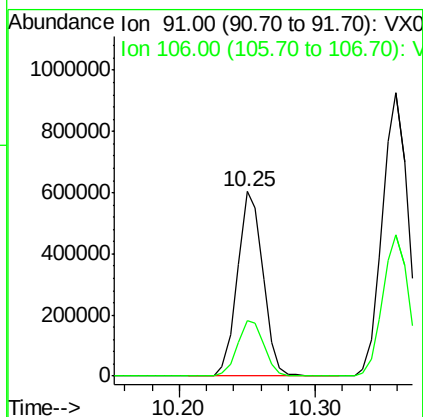
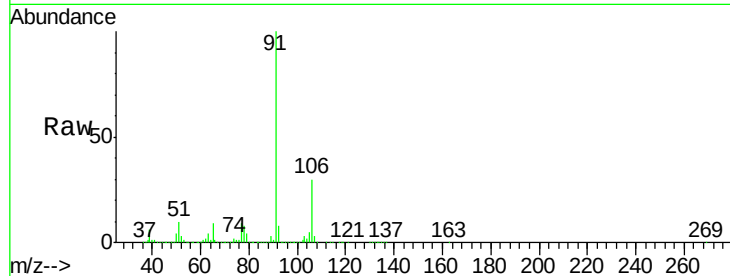




#67
 Ethyl Benzene
 Concen: 54.092 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

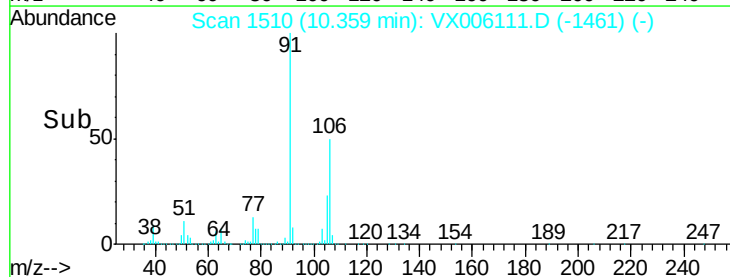
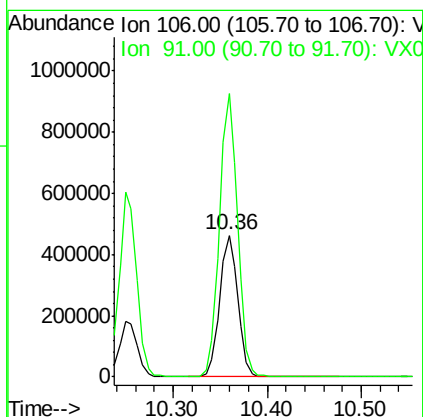
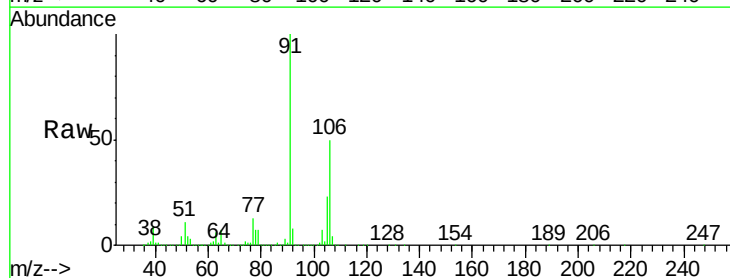
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

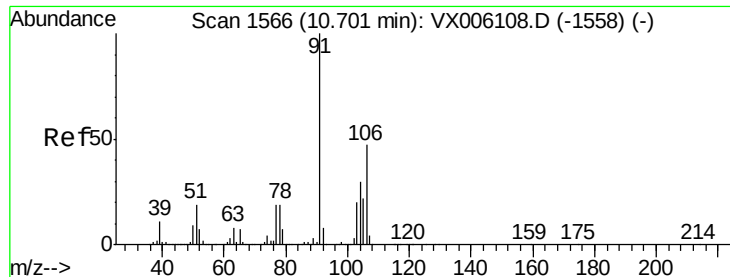
Tgt Ion: 91 Resp: 792434
 Ion Ratio Lower Upper
 91 100
 106 30.3 24.4 36.6



#68
 m/p-Xylenes
 Concen: 108.310 ug/l
 RT: 10.36 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion: 106 Resp: 617861
 Ion Ratio Lower Upper
 106 100
 91 200.0 162.0 243.0

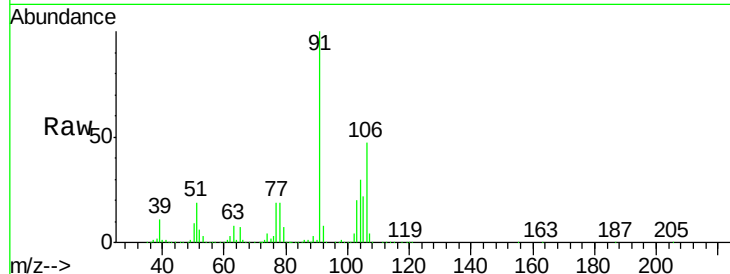




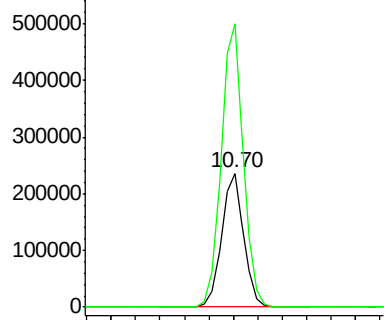
#69
o-Xylene
Concen: 54.121 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

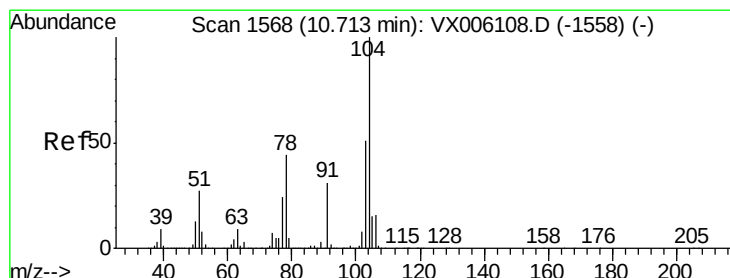
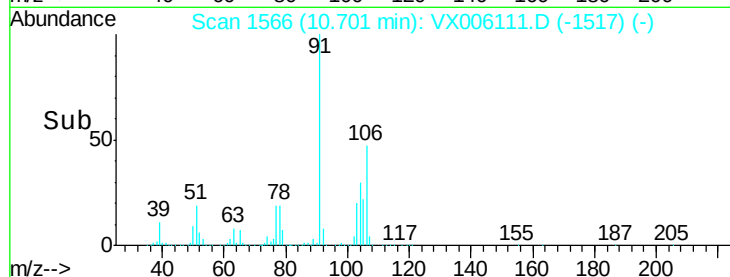
Tgt Ion:106 Resp: 294907
Ion Ratio Lower Upper
106 100
91 213.3 107.4 322.2



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

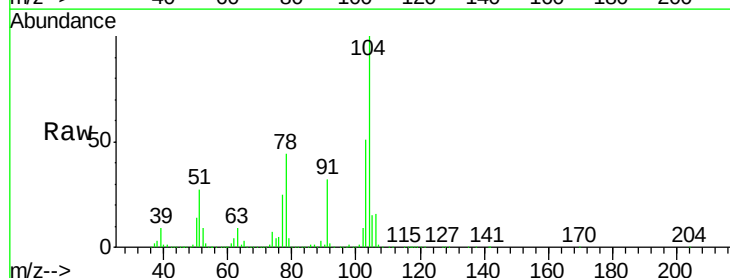


Time--> 10.60 10.70 10.80

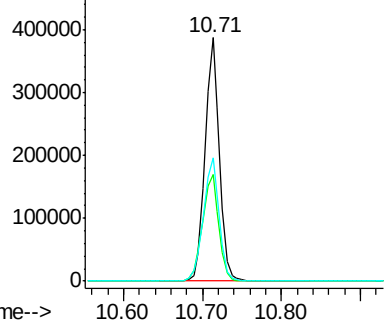


#70
Styrene
Concen: 55.152 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

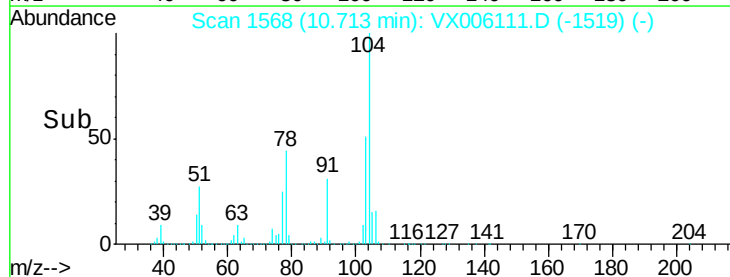
Tgt Ion:104 Resp: 490011
Ion Ratio Lower Upper
104 100
78 49.7 39.4 59.2
103 55.9 44.6 67.0

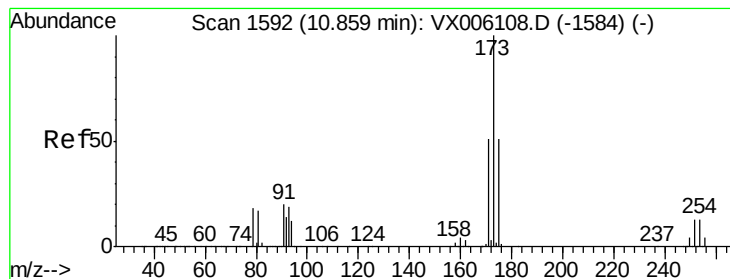


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 52.657 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

ICVVX112018

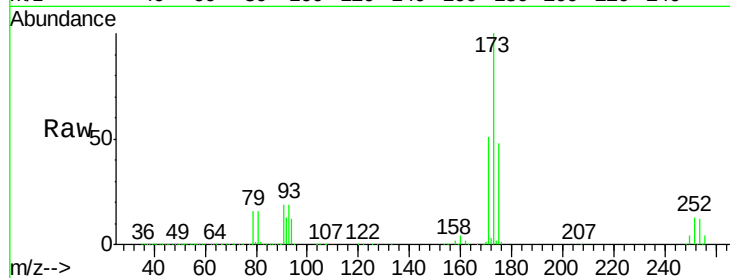
Tgt Ion:173 Resp: 144784

Ion Ratio Lower Upper

173 100

175 48.4 24.9 74.6

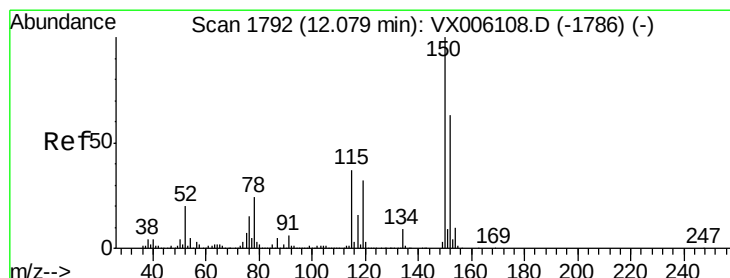
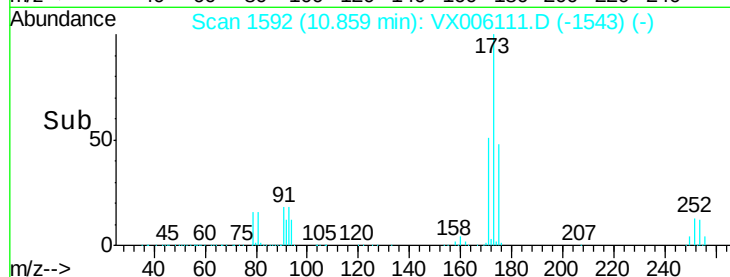
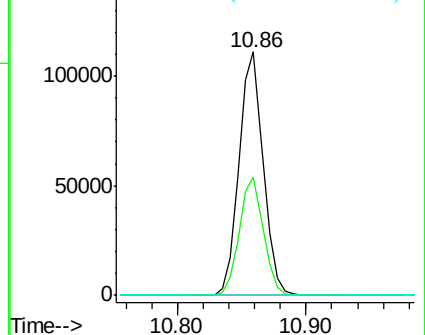
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

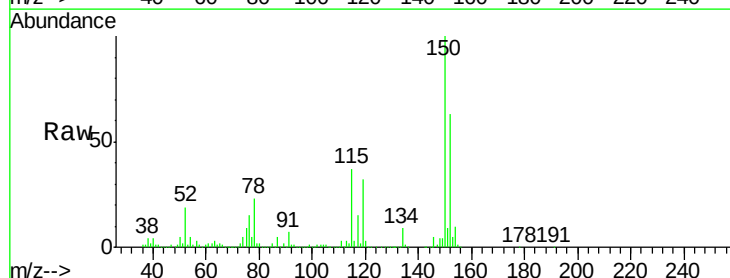
Tgt Ion:152 Resp: 243508

Ion Ratio Lower Upper

152 100

115 77.9 39.0 116.9

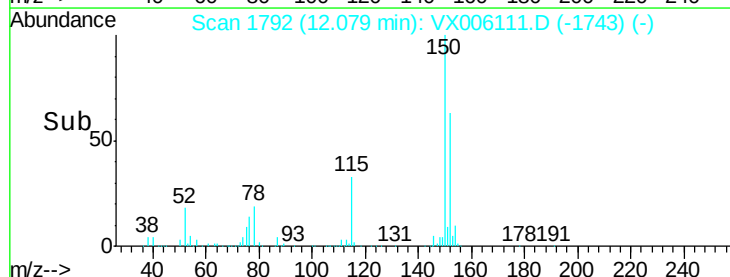
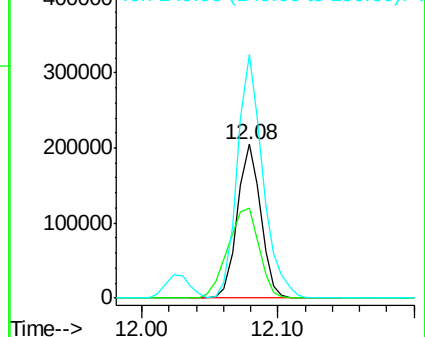
150 174.0 0.0 346.6

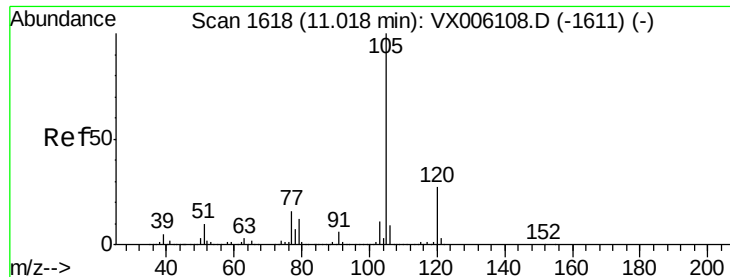


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.249 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

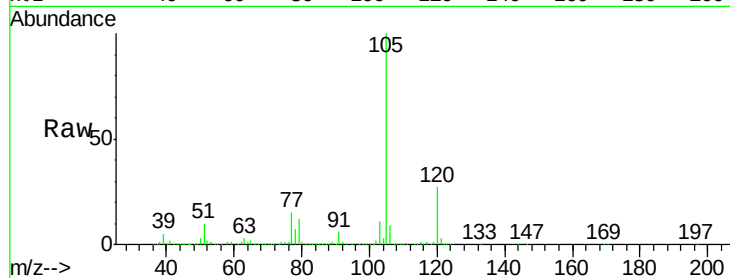
ICVVX112018

Tgt Ion: 105 Resp: 799287

Ion Ratio Lower Upper

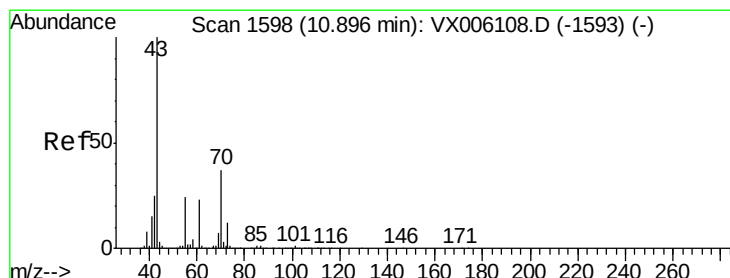
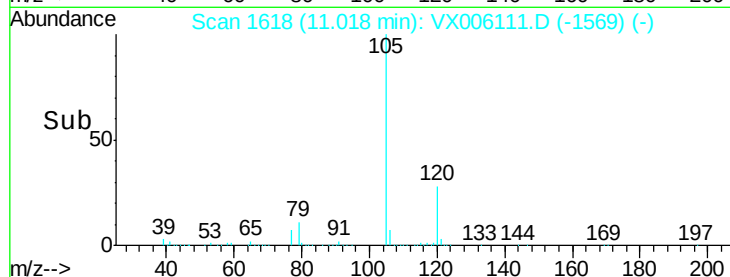
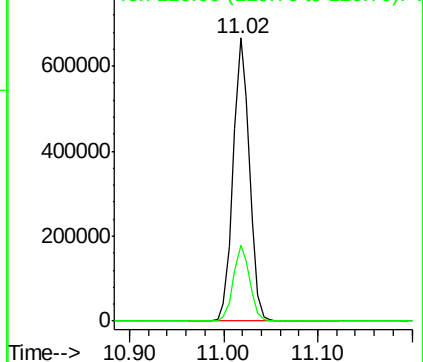
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.633 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Tgt Ion: 43 Resp: 380482

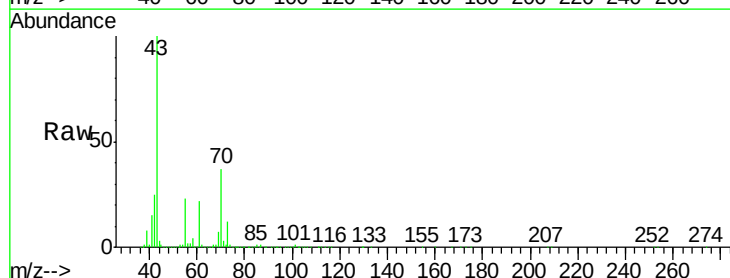
Ion Ratio Lower Upper

43 100

70 39.6 31.8 47.6

55 24.0 19.5 29.3

61 23.2 18.6 27.8

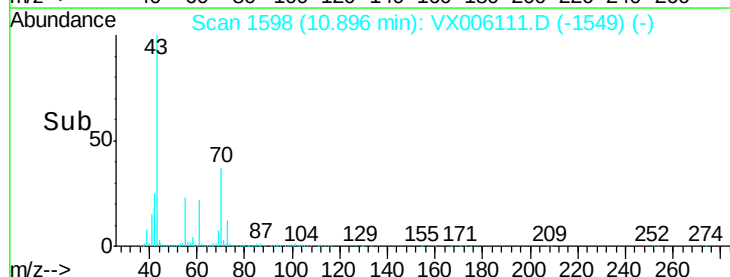
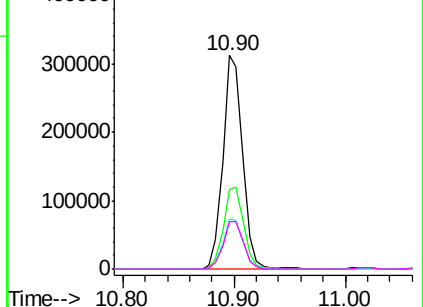


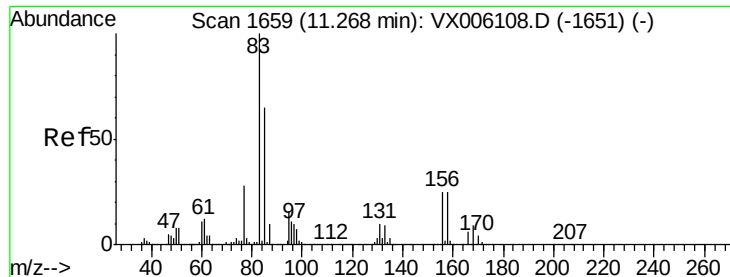
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.913 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

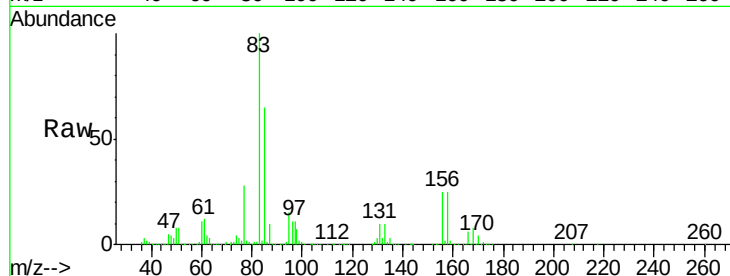
Tgt Ion: 83 Resp: 277138

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

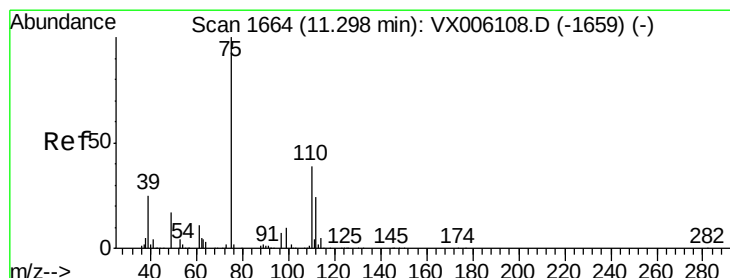
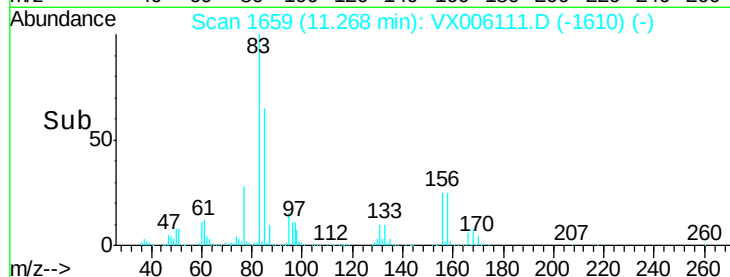
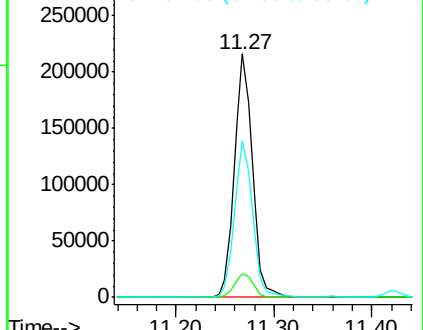
85 64.5 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.189 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006111.D

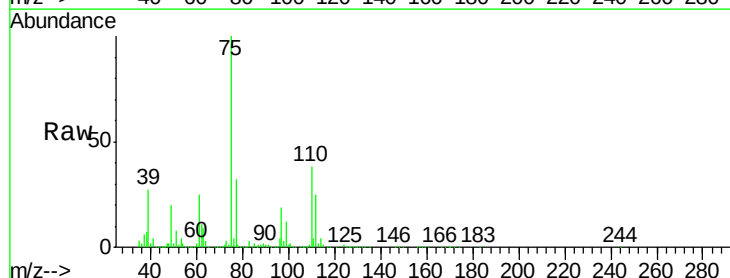
Acq: 20 Nov 2018 20:22

Tgt Ion: 75 Resp: 326813

Ion Ratio Lower Upper

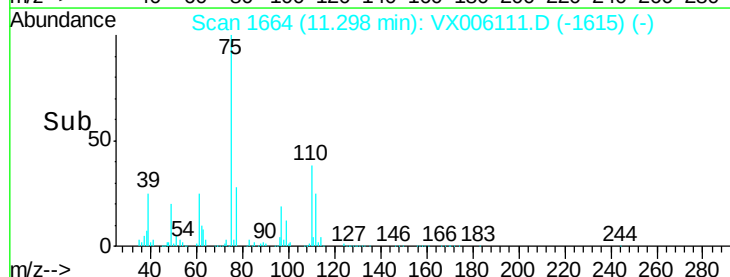
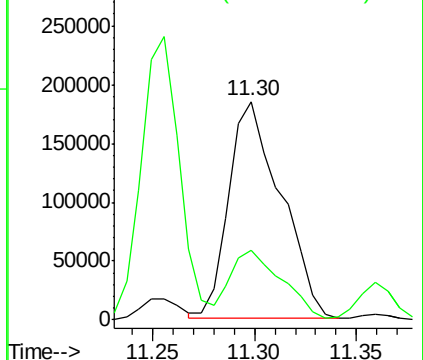
75 100

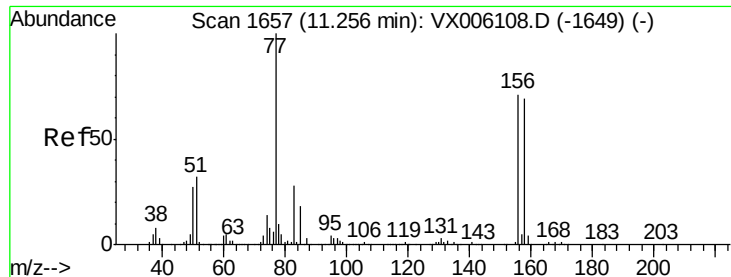
77 31.7 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.483 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

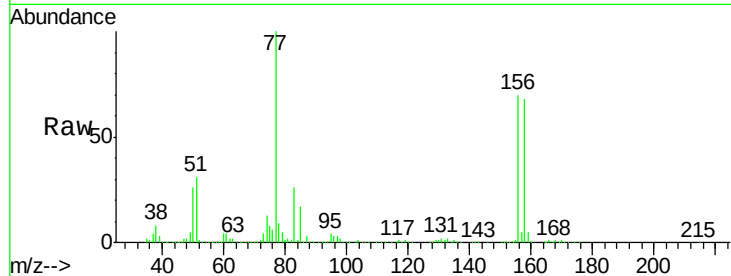
Tgt Ion:156 Resp: 212492

Ion Ratio Lower Upper

156 100

77 147.6 74.3 222.8

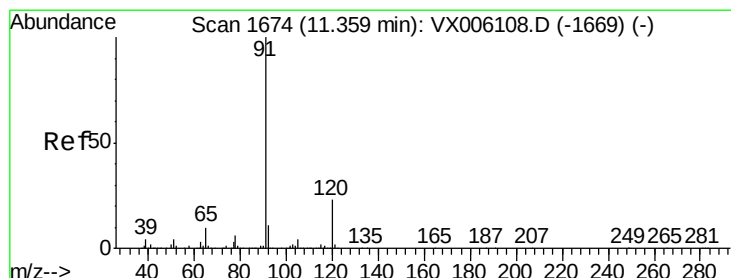
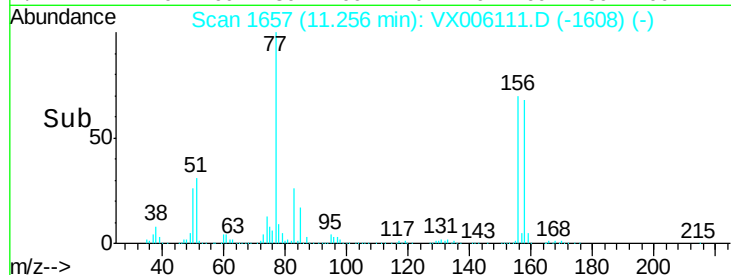
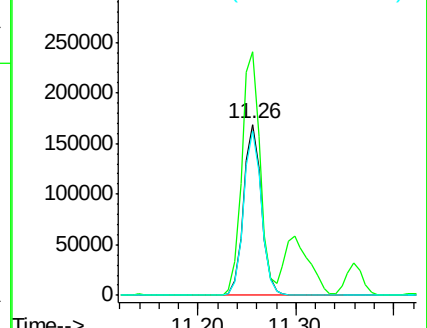
158 97.1 49.0 147.0



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: 54.776 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006111.D

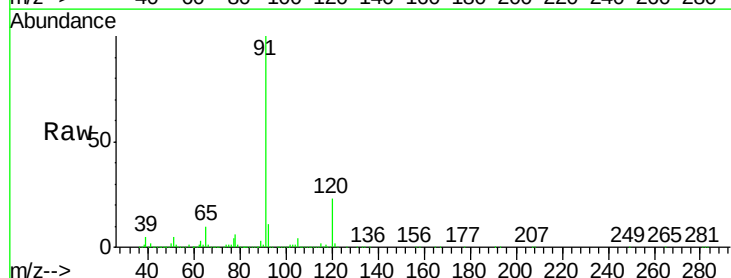
Acq: 20 Nov 2018 20:22

Tgt Ion: 91 Resp: 939872

Ion Ratio Lower Upper

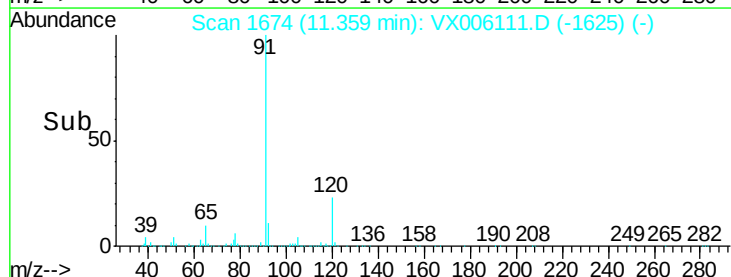
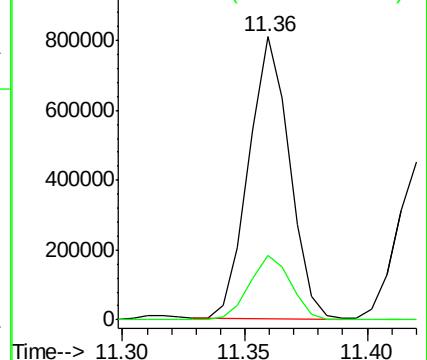
91 100

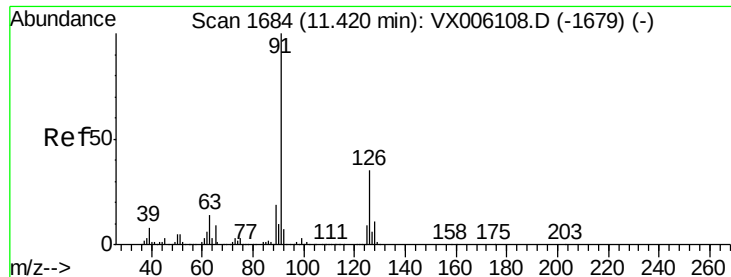
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.624 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

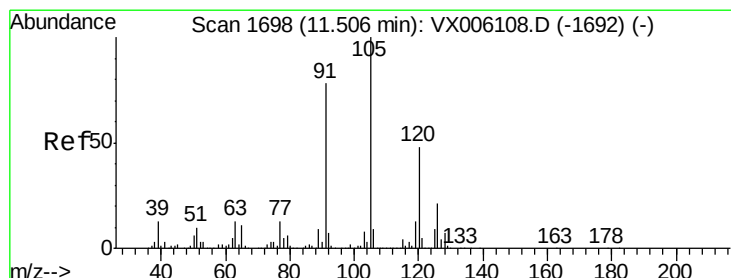
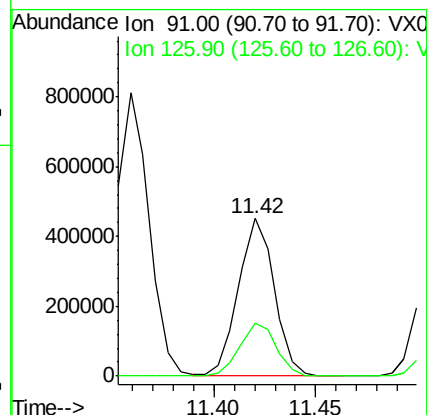
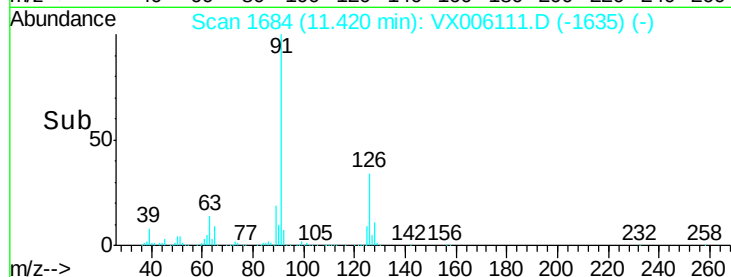
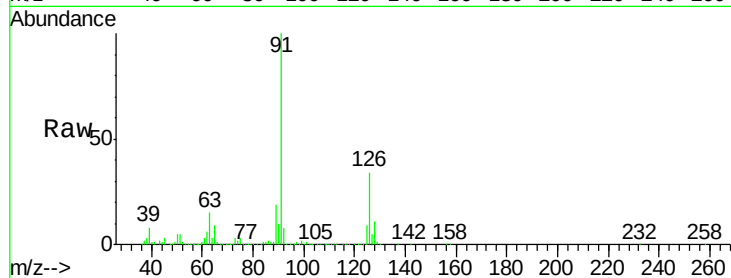
ICVVX112018

Tgt Ion: 91 Resp: 546267

Ion Ratio Lower Upper

91 100

126 34.9 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 54.617 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006111.D

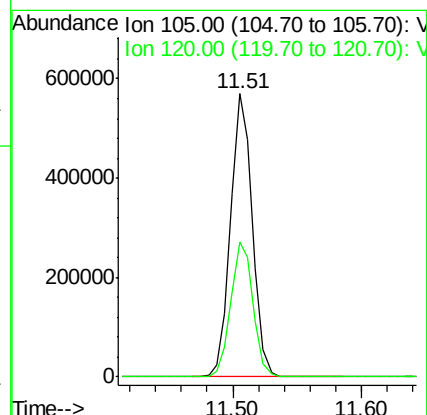
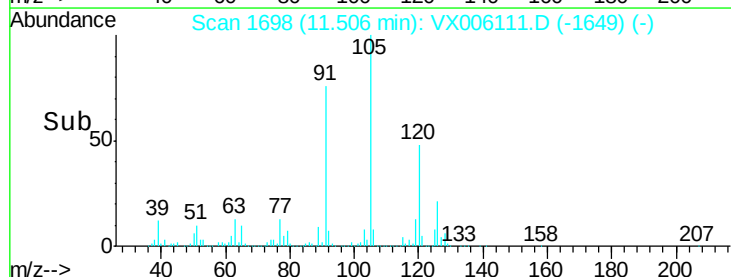
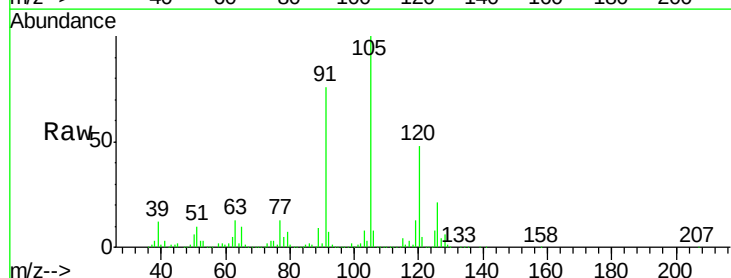
Acq: 20 Nov 2018 20:22

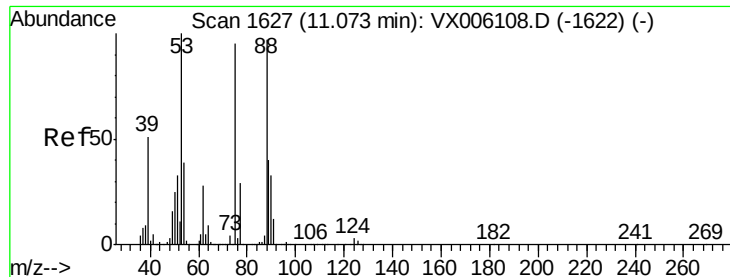
Tgt Ion: 105 Resp: 678459

Ion Ratio Lower Upper

105 100

120 48.6 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 55.899 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

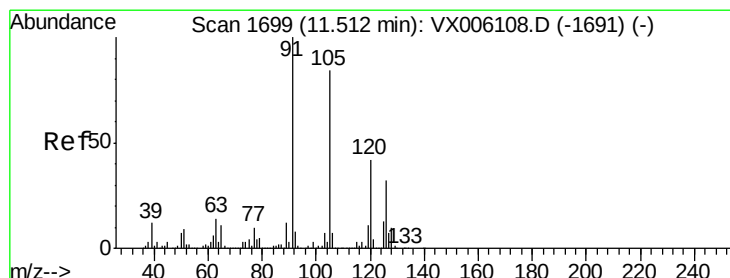
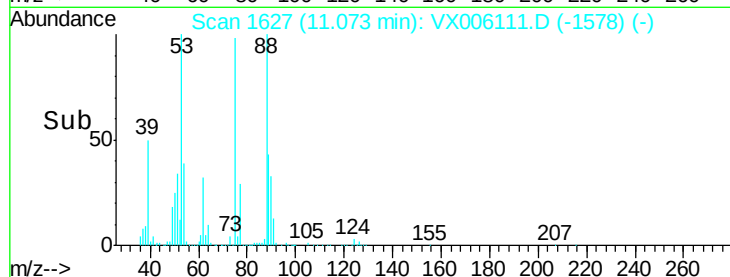
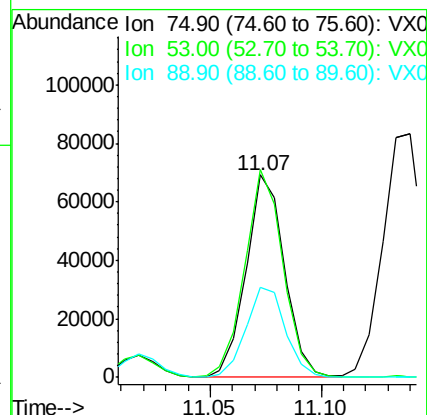
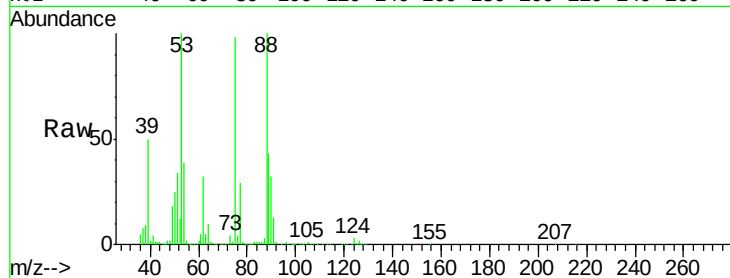
Tgt Ion: 75 Resp: 82856

Ion Ratio Lower Upper

75 100

53 101.8 85.3 127.9

89 46.5 37.2 55.8



#82

4-Chlorotoluene

Concen: 53.983 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006111.D

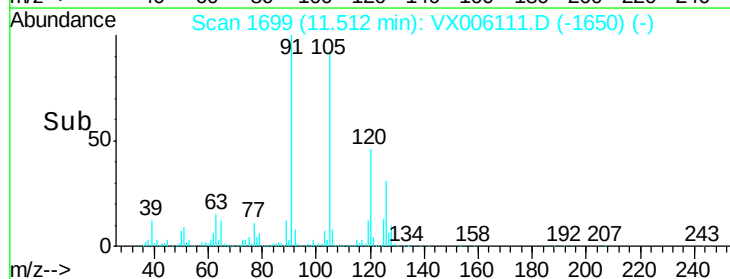
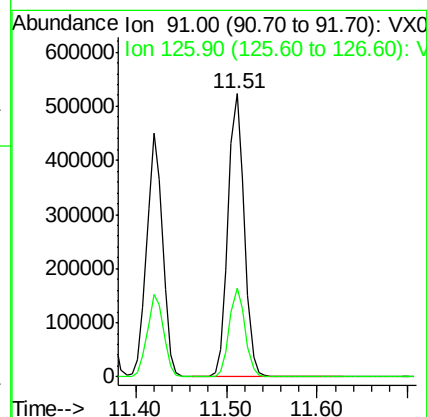
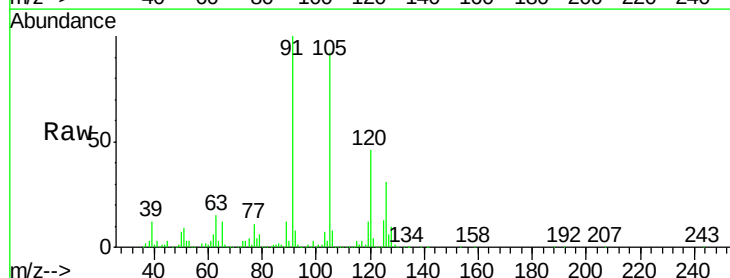
Acq: 20 Nov 2018 20:22

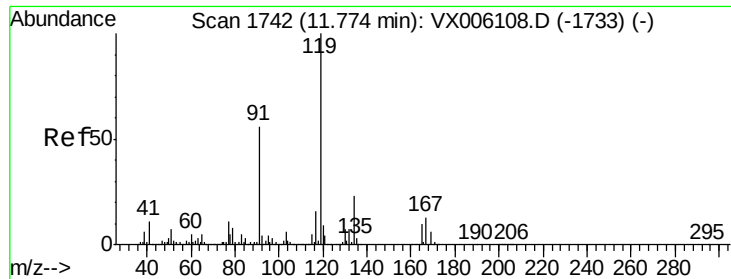
Tgt Ion: 91 Resp: 653962

Ion Ratio Lower Upper

91 100

126 30.6 15.3 45.9

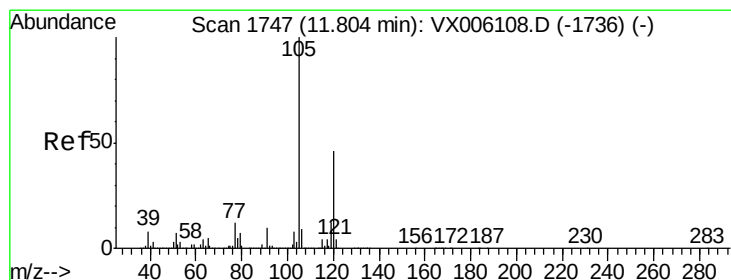
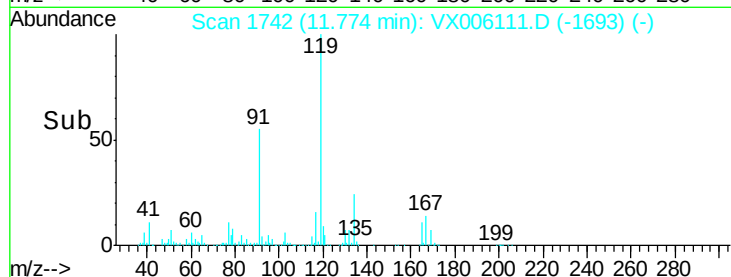
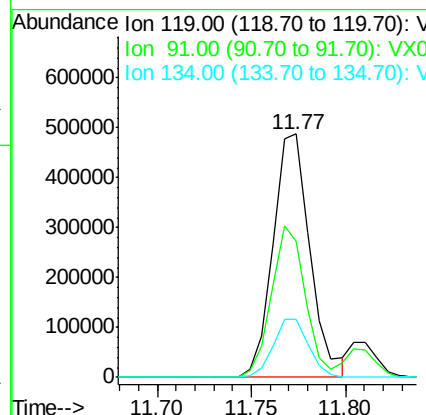
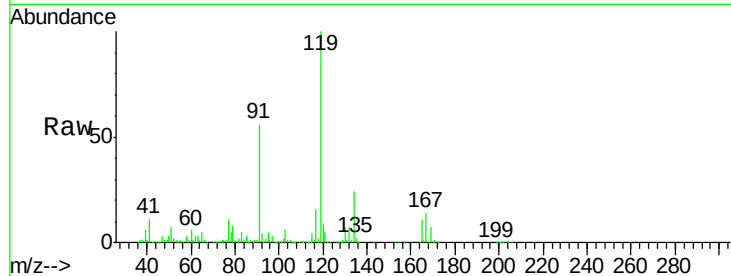




#83
 tert-Butylbenzene
 Concen: 54.835 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

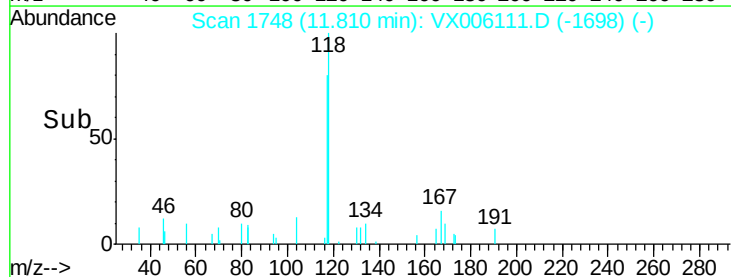
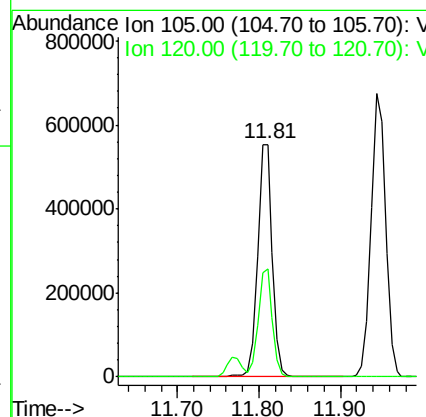
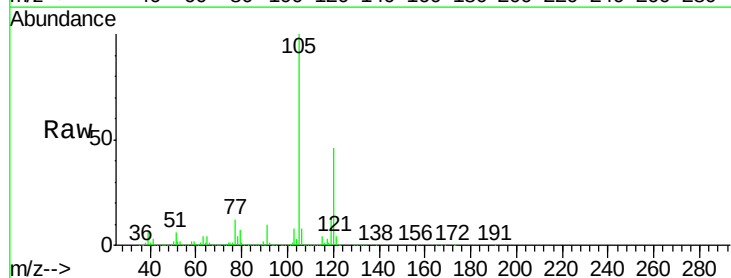
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

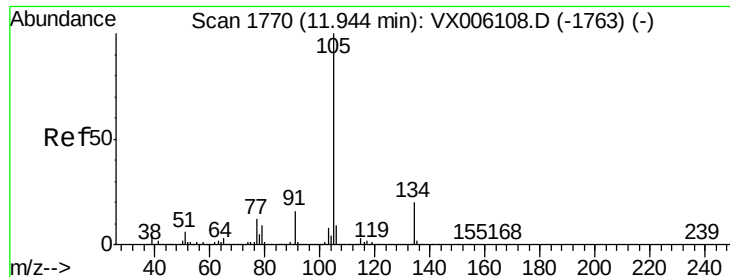
Tgt Ion:119 Resp: 664993
 Ion Ratio Lower Upper
 119 100
 91 56.4 28.2 84.6
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.128 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion:105 Resp: 698545
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.7 68.0

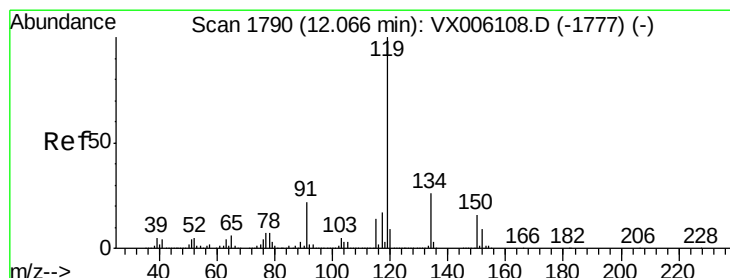
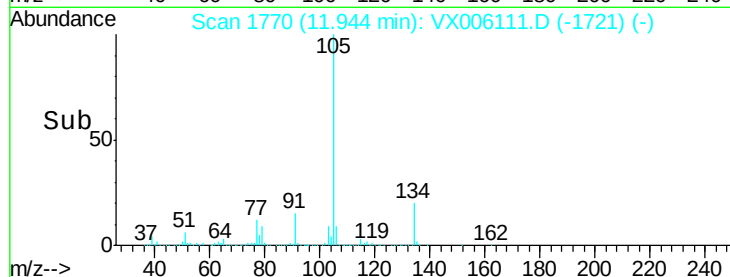
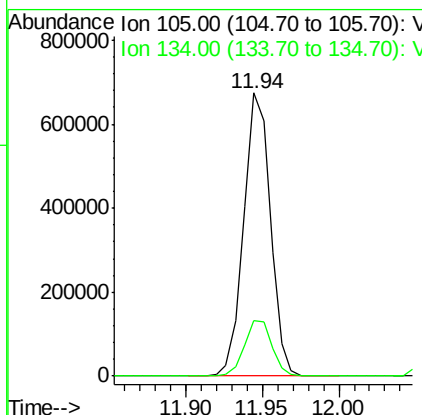
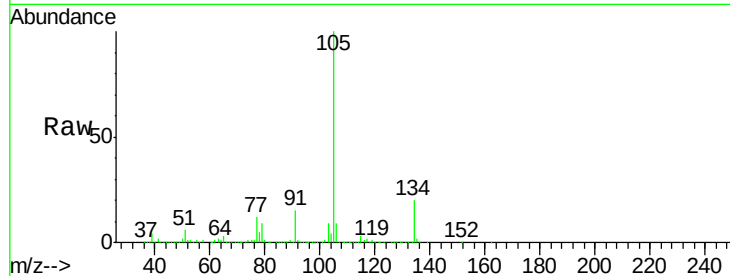




#85
 sec-Butylbenzene
 Concen: 55.096 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

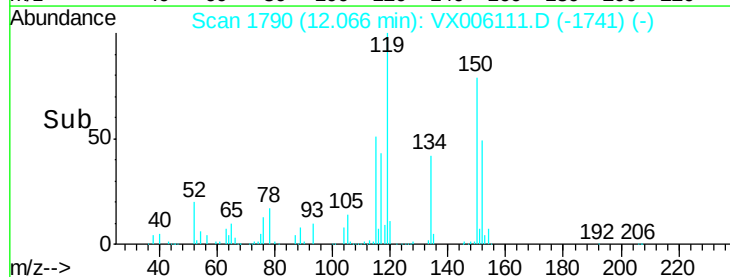
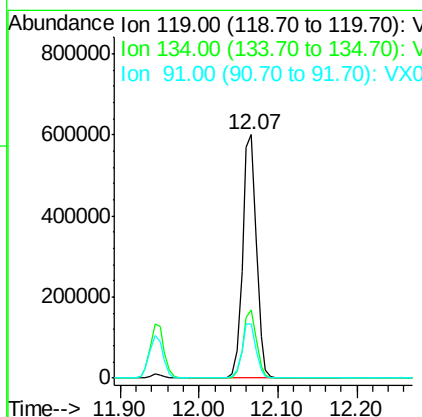
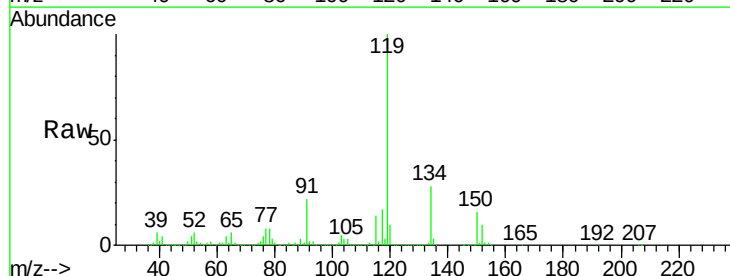
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

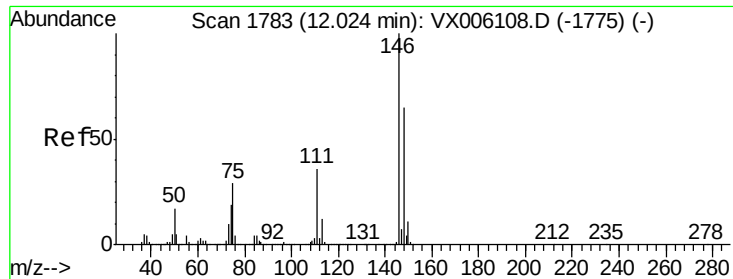
Tgt Ion:105 Resp: 817267
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 54.844 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion:119 Resp: 725327
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 22.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 51.863 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112018

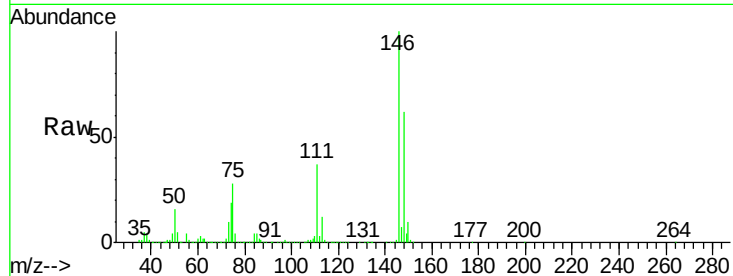
Tgt Ion:146 Resp: 394686

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.3

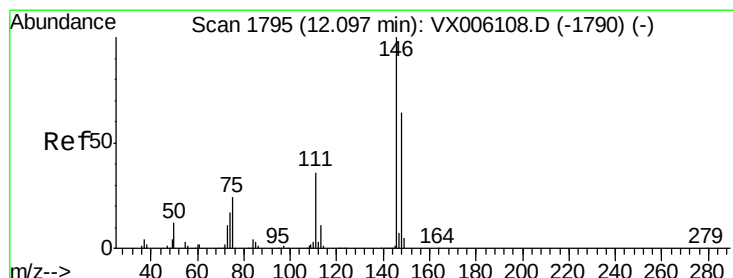
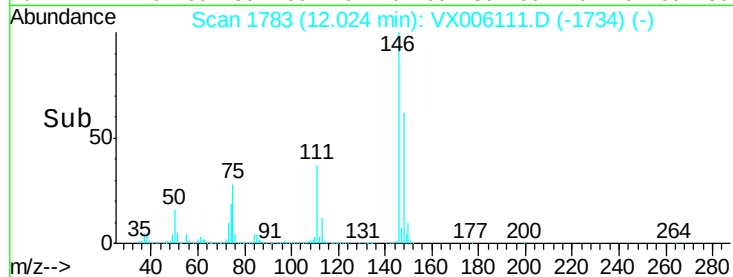
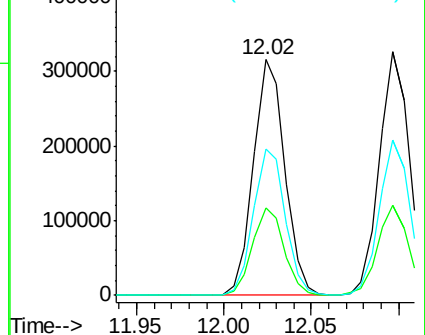
148 63.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.572 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

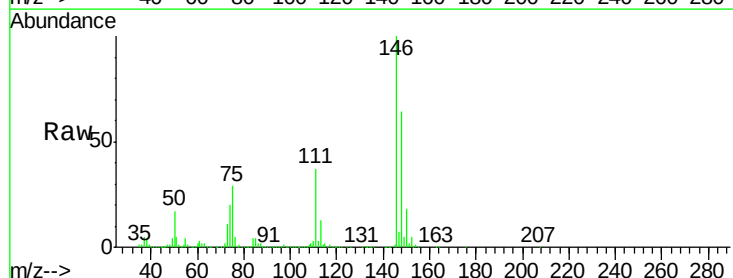
Tgt Ion:146 Resp: 391081

Ion Ratio Lower Upper

146 100

111 37.5 18.3 54.9

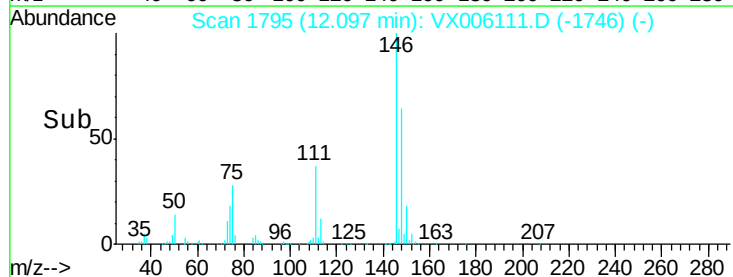
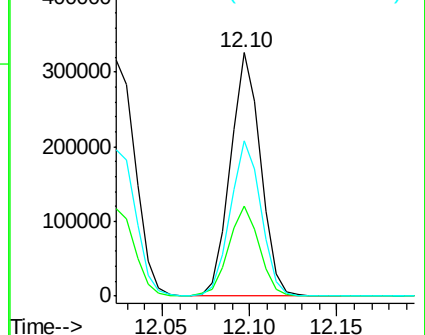
148 64.8 32.2 96.6

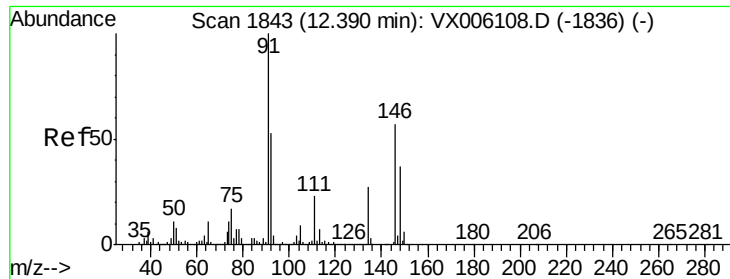


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

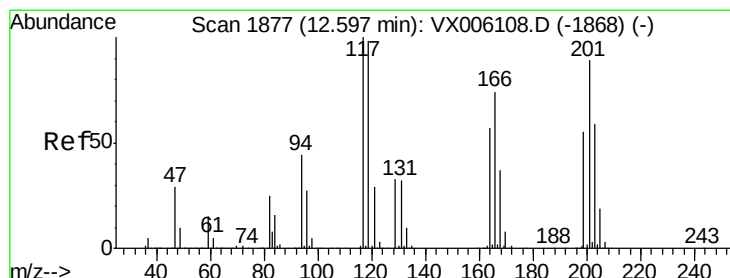
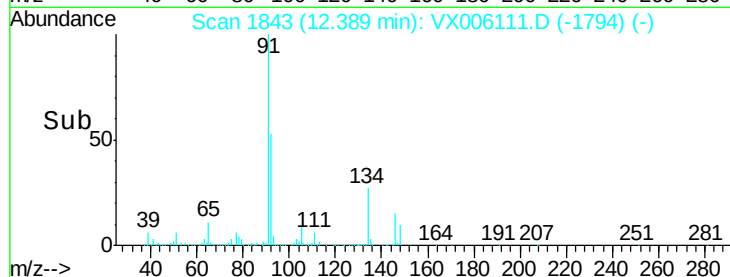
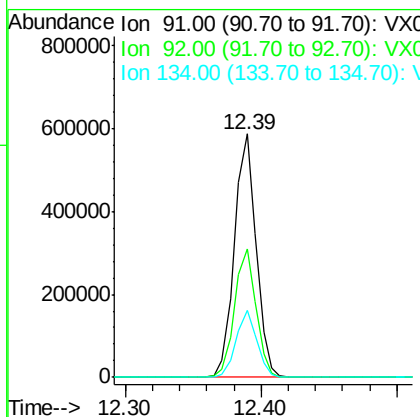
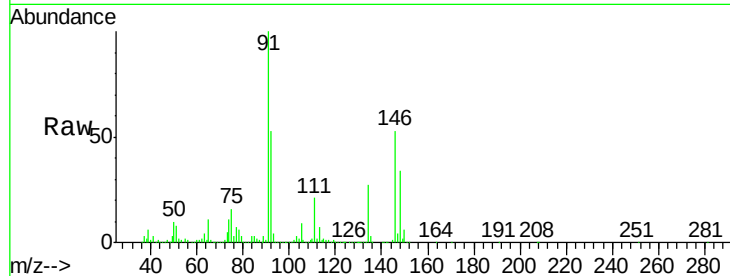




#89
n-Butylbenzene
Concen: 54.305 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

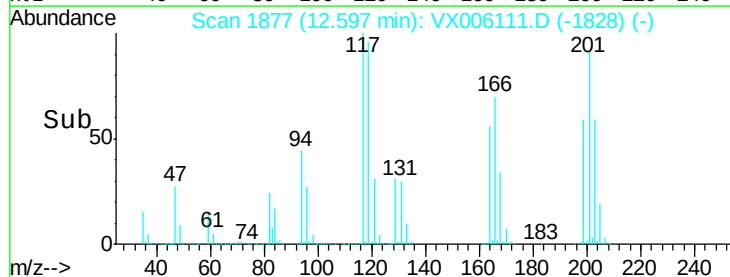
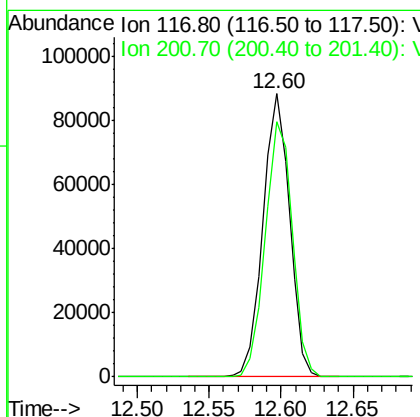
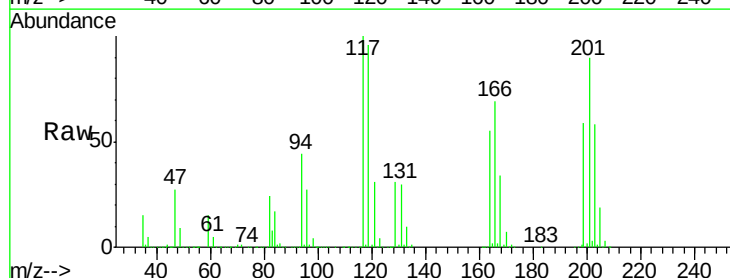
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112018

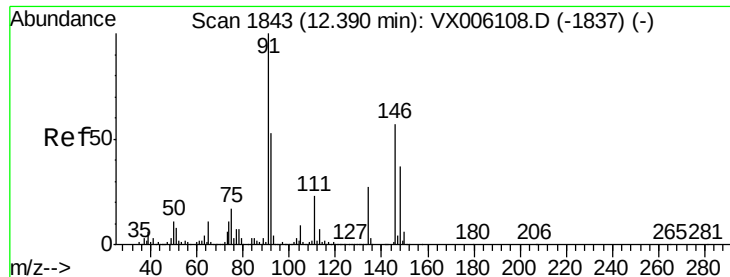
Tgt Ion: 91 Resp: 650254
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.7
134 26.5 13.1 39.3



#90
Hexachloroethane
Concen: 53.287 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006111.D
Acq: 20 Nov 2018 20:22

Tgt Ion: 117 Resp: 112462
Ion Ratio Lower Upper
117 100
201 91.9 46.1 138.2

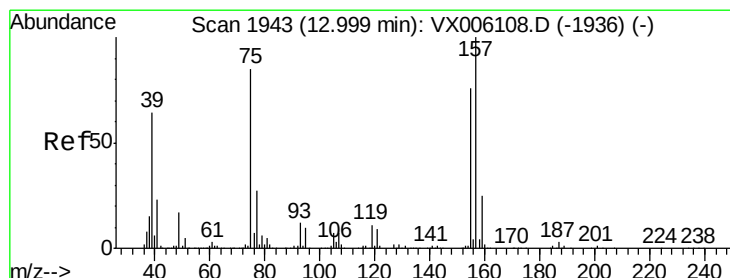
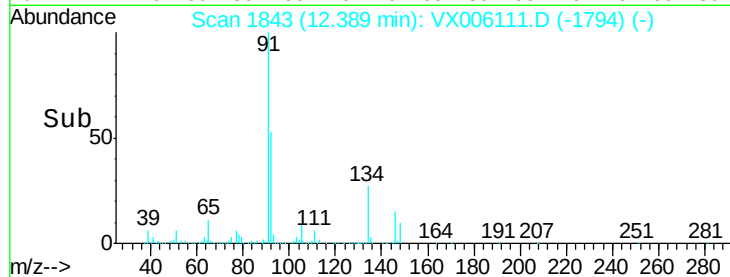
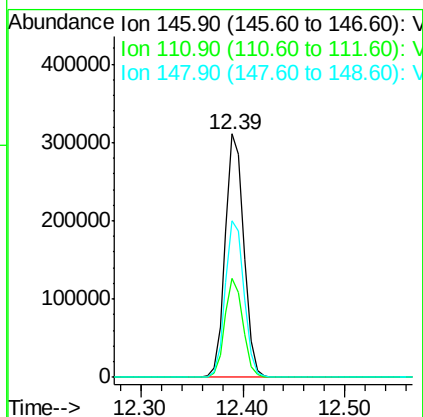
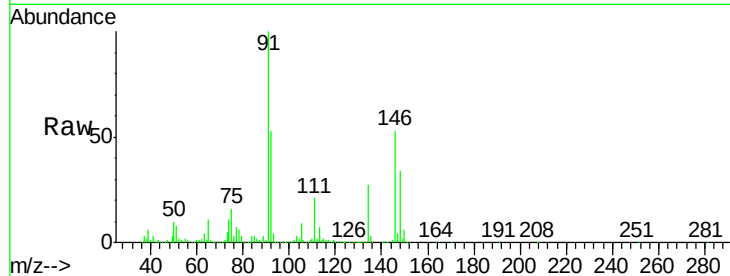




#91
 1,2-Dichlorobenzene
 Concen: 50.334 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

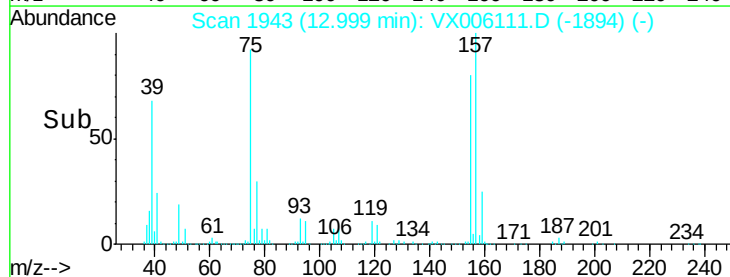
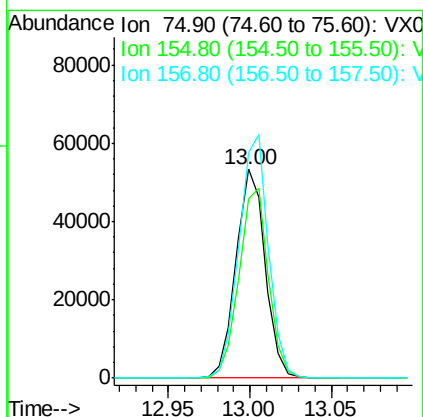
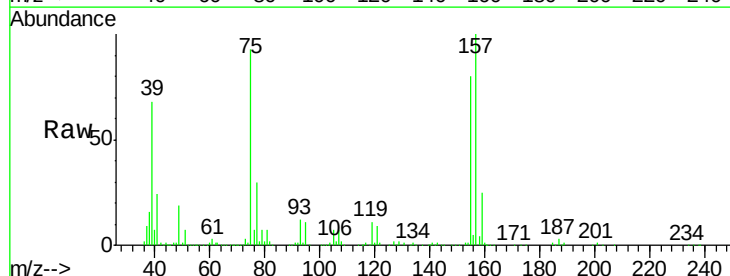
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

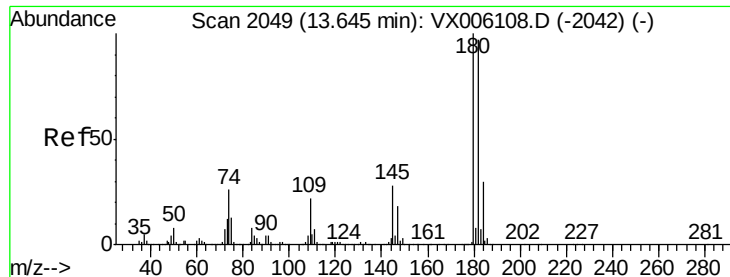
Tgt Ion: 146 Resp: 391618
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.8
 148 64.8 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.458 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion: 75 Resp: 66299
 Ion Ratio Lower Upper
 75 100
 155 92.3 46.1 138.3
 157 118.4 59.8 179.3

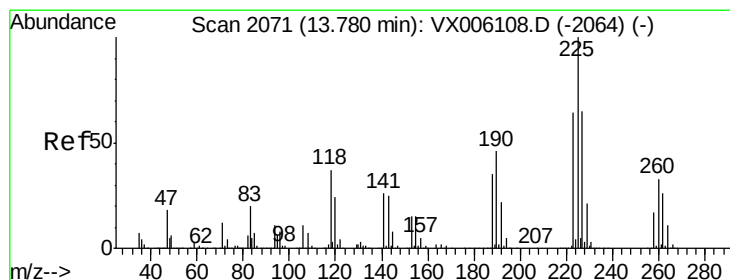
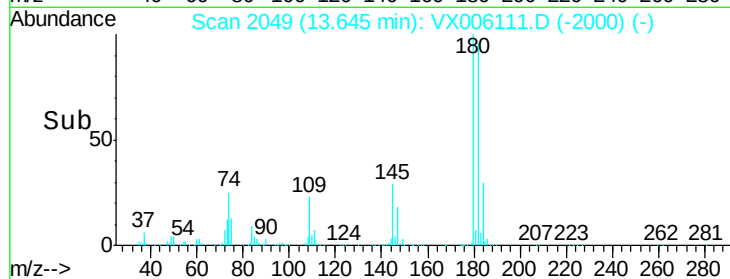
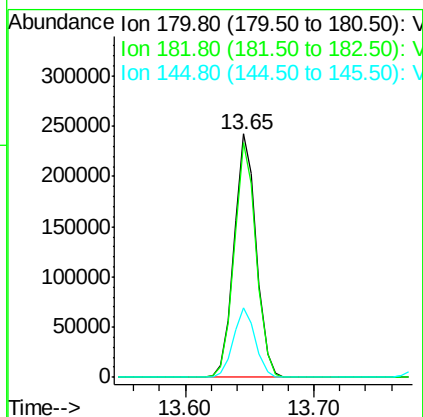
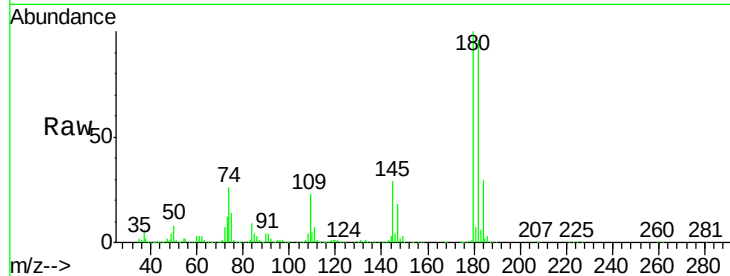




#93
 1,2,4-Trichlorobenzene
 Concen: 52.893 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

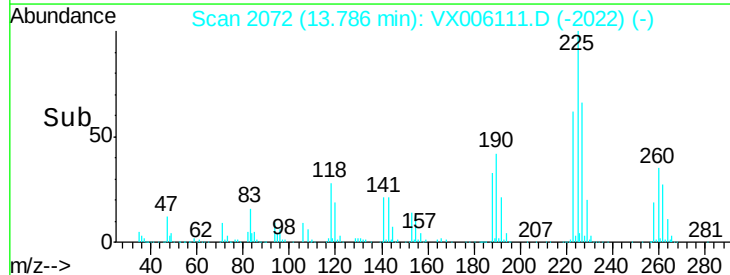
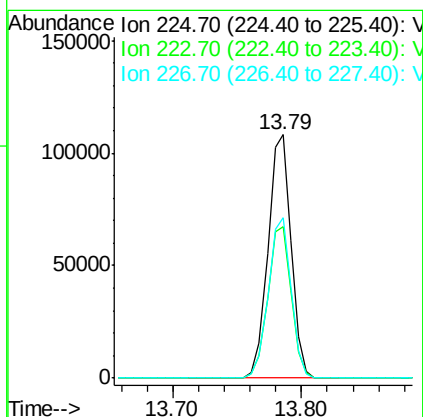
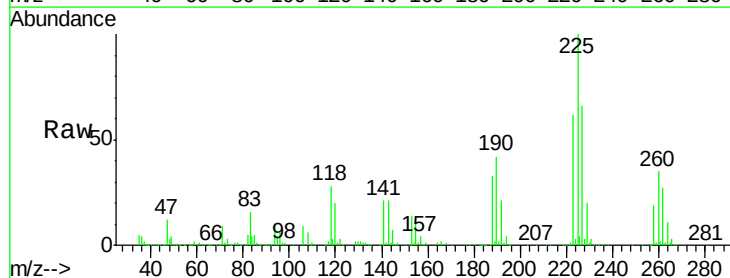
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

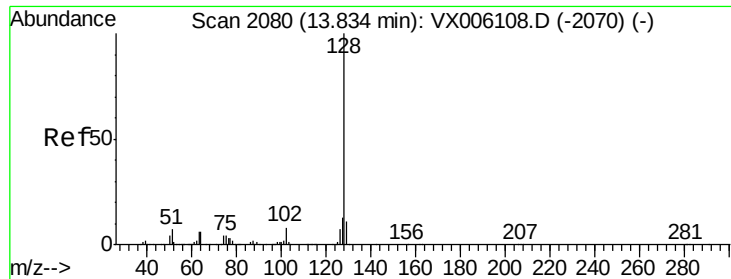
Tgt Ion:180 Resp: 289901
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.2 144.6
 145 28.4 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 50.369 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006111.D
 Acq: 20 Nov 2018 20:22

Tgt Ion:225 Resp: 134545
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.2 93.6
 227 65.2 32.4 97.2





#95

Naphthalene

Concen: 56.356 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

ICVX112018

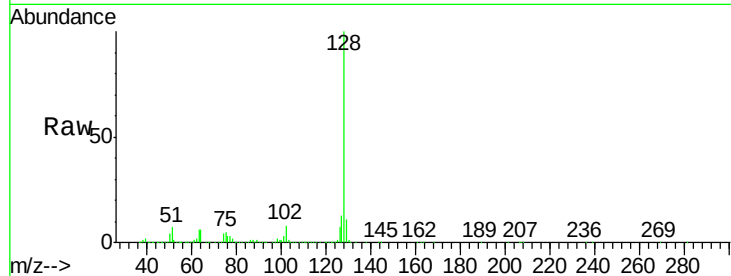
Tgt Ion:128 Resp: 908281

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

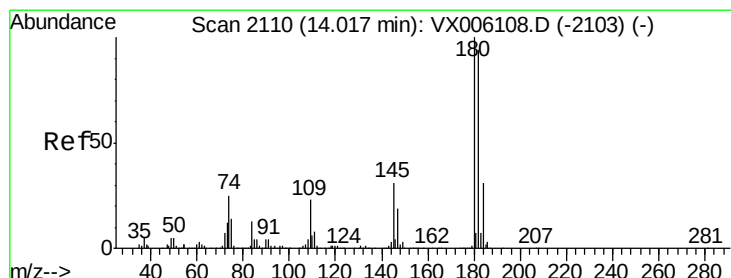
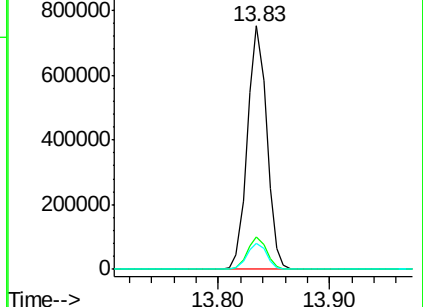
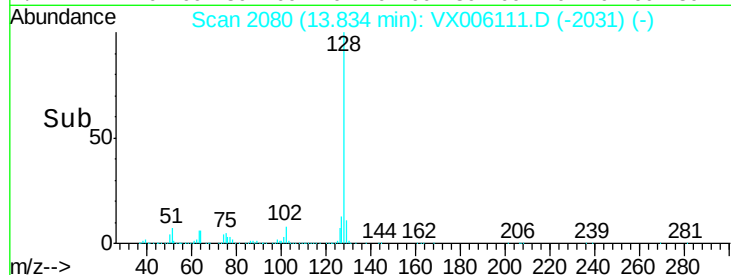
129 10.9 8.8 13.2



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: 52.175 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006111.D

Acq: 20 Nov 2018 20:22

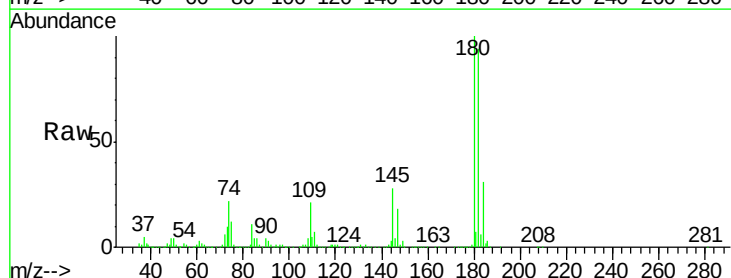
Tgt Ion:180 Resp: 291539

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 30.1 15.0 45.0



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

