

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001001.D
 Acq On : 20 Apr 2018 11:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 05:30:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	239945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153842	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
35) Dibromofluoromethane	5.51	113	129174	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	8.72	98	470977	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
62) 4-Bromofluorobenzene	11.14	95	198313	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	177799	52.72	ug/l	97
3) Chloromethane	1.32	50	147376	46.93	ug/l	100
4) Vinyl Chloride	1.41	62	154208	47.37	ug/l	99
5) Bromomethane	1.64	94	100347	54.19	ug/l	98
6) Chloroethane	1.73	64	89528	46.29	ug/l	99
7) Trichlorofluoromethane	1.93	101	236875	48.44	ug/l	100
8) Diethyl Ether	2.19	74	82580	45.72	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137836	48.11	ug/l	99
10) Methyl Iodide	2.52	142	137168	48.74	ug/l	100
11) Tert butyl alcohol	3.06	59	106861	205.54	ug/l	99
12) 1,1-Dichloroethene	2.38	96	124301	46.91	ug/l	99
13) Acrolein	2.29	56	39814	245.99	ug/l	100
14) Allyl chloride	2.73	41	227201	47.38	ug/l	98
15) Acrylonitrile	3.15	53	293237	208.41	ug/l	100
16) Acetone	2.45	43	274678	211.60	ug/l	100
17) Carbon Disulfide	2.57	76	362032	47.94	ug/l	99
18) Methyl Acetate	2.78	43	181517	46.21	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	413673	46.44	ug/l	100
20) Methylene Chloride	2.86	84	131427	47.97	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	135645	45.99	ug/l	99
22) Diisopropyl ether	3.87	45	424095	45.69	ug/l	99
23) Vinyl Acetate	3.82	43	1722187	224.10	ug/l	100
24) 1,1-Dichloroethane	3.70	63	235486	45.23	ug/l	99
25) 2-Butanone	4.70	43	425196	209.83	ug/l	99
26) 2,2-Dichloropropane	4.59	77	220926	49.32	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	153939	46.85	ug/l	99
28) Bromochloromethane	5.03	49	99664	49.78	ug/l	99
29) Tetrahydrofuran	5.16	42	265807	207.58	ug/l	100
30) Chloroform	5.22	83	254507	47.20	ug/l	99
31) Cyclohexane	5.58	56	229518	47.23	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	234811	48.57	ug/l	100
36) 1,1-Dichloropropene	5.81	75	198061	47.28	ug/l	99
37) Ethyl Acetate	4.86	43	168815	43.93	ug/l	100
38) Carbon Tetrachloride	5.79	117	211950	49.97	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	245693	50.39	ug/l	99
40) Benzene	6.15	78	556097	47.75	ug/l	100
41) Methacrylonitrile	5.06	41	103279	43.04	ug/l	99
42) 1,2-Dichloroethane	6.20	62	209961	46.97	ug/l	100
43) Isopropyl Acetate	6.46	43	302564	45.89	ug/l	100
44) Trichloroethene	7.22	130	172521	48.49	ug/l	99
45) 1,2-Dichloropropane	7.52	63	142468	48.65	ug/l	100
46) Dibromomethane	7.67	93	97676	47.74	ug/l	100
47) Bromodichloromethane	7.90	83	191320	50.47	ug/l	99
48) Methyl methacrylate	7.78	41	160831	45.31	ug/l	99
49) 1,4-Dioxane	7.76	88	47369	907.44	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	888180	221.89	ug/l	100
52) Toluene	8.79	92	369988	48.67	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	234769	51.79	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	225911	52.85	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	142037	47.01	ug/l	99
56) Ethyl methacrylate	9.18	69	214125	48.25	ug/l	99
57) 1,3-Dichloropropane	9.38	76	236089	47.17	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	524118	242.00	ug/l	99
59) 2-Hexanone	9.50	43	685869	223.86	ug/l	100
60) Dibromochloromethane	9.59	129	164278	51.77	ug/l	100
61) 1,2-Dibromoethane	9.68	107	151751	47.59	ug/l	100
64) Tetrachloroethene	9.34	164	174779	48.44	ug/l	99
65) Chlorobenzene	10.14	112	436685	48.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	158769	51.13	ug/l	99
67) Ethyl Benzene	10.26	91	735120	48.93	ug/l	99
68) m/p-Xylenes	10.37	106	580847	98.10	ug/l	99
69) o-Xylene	10.70	106	278720	48.83	ug/l	100
70) Styrene	10.72	104	464297	49.39	ug/l	99
71) Bromoform	10.86	173	133603	46.42	ug/l	98
73) Isopropylbenzene	11.02	105	760076	48.45	ug/l	99
74) N-amyl acetate	6.46	43	302564	45.09	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	202796	45.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234006	56.21	ug/l	88
77) Bromobenzene	11.26	156	215755	47.38	ug/l	99
78) n-propylbenzene	11.37	91	881623	48.96	ug/l	100
79) 2-Chlorotoluene	11.43	91	510436	47.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	650883	48.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60677	45.07	ug/l	97
82) 4-Chlorotoluene	11.52	91	617689	48.04	ug/l	100
83) tert-Butylbenzene	11.77	119	666560	49.69	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	668655	48.86	ug/l	99
85) sec-Butylbenzene	11.95	105	793158	49.53	ug/l	99
86) p-Isopropyltoluene	12.07	119	739724	49.94	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	406911	47.74	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	415682	47.51	ug/l	100
89) n-Butylbenzene	12.40	91	662064	50.24	ug/l	100
90) Hexachloroethane	12.60	117	112799	53.74	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	390889	47.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43003	46.23	ug/l	99

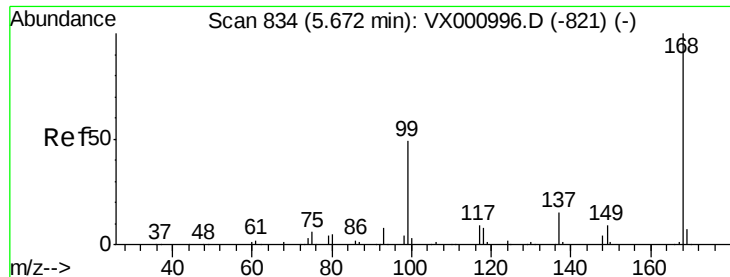
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	334376	48.27	ug/l	100
94) Hexachlorobutadiene	13.79	225	153838	49.08	ug/l	98
95) Naphthalene	13.84	128	798523	46.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	318732	47.57	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

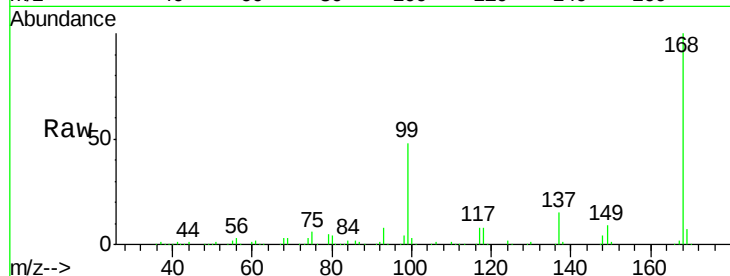
ClientSampleId :

Tot Ion:168 Resp: 271951

Ion Ratio Lower Upper

168 100

99 47.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

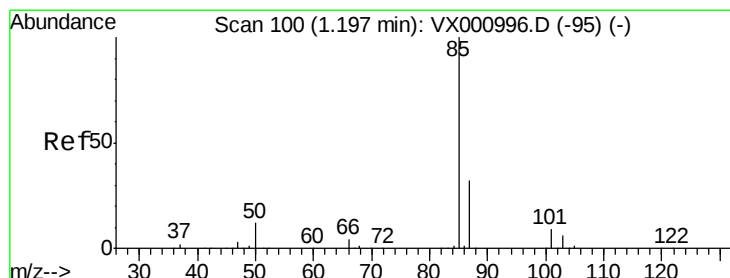
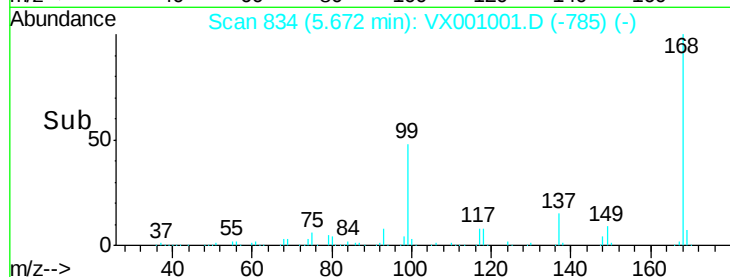
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 52.72 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001001.D

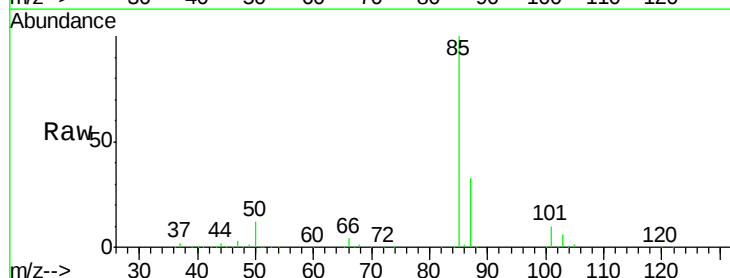
Acq: 20 Apr 2018 11:18

Tgt Ion: 85 Resp: 177799

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

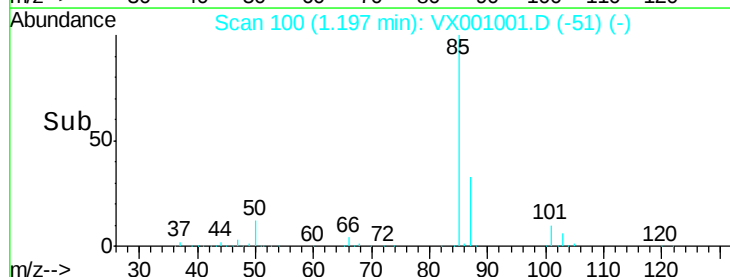
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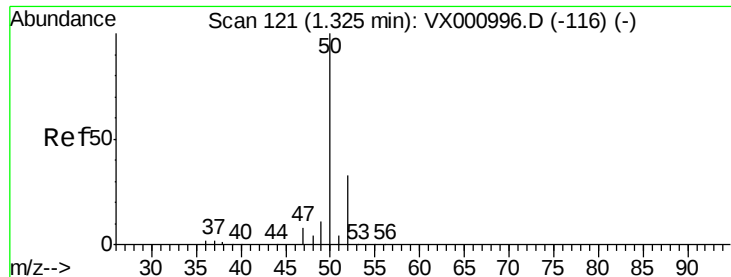
50000

0

1.15 1.20 1.25 1.30

Time-->

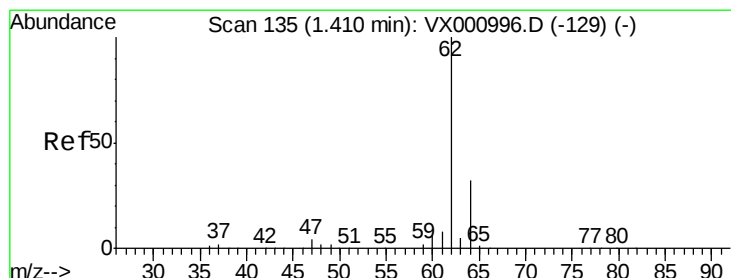
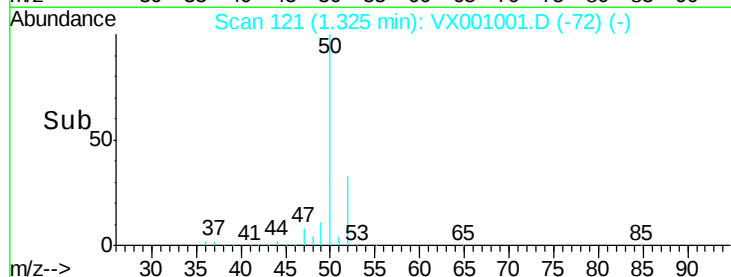
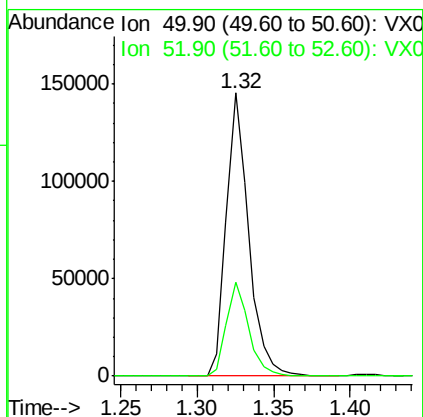
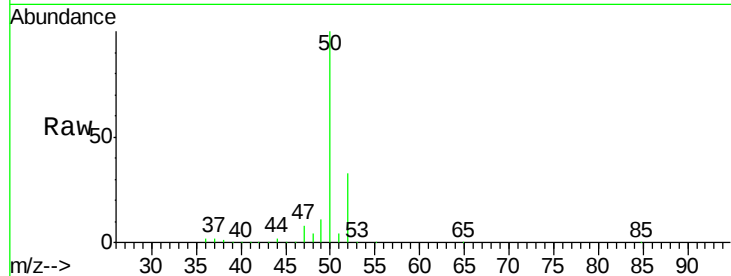




#3
Chloromethane
Concen: 46.93 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

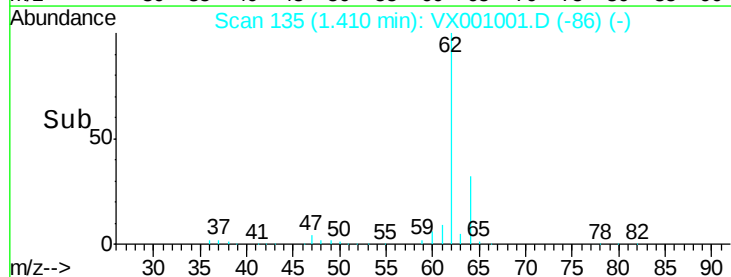
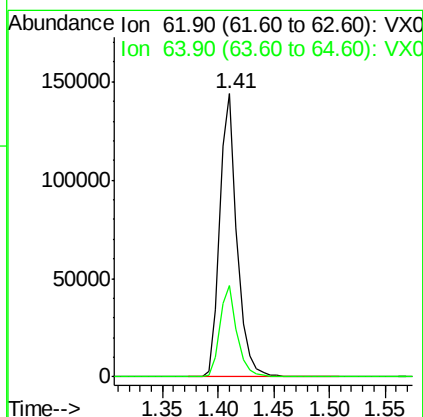
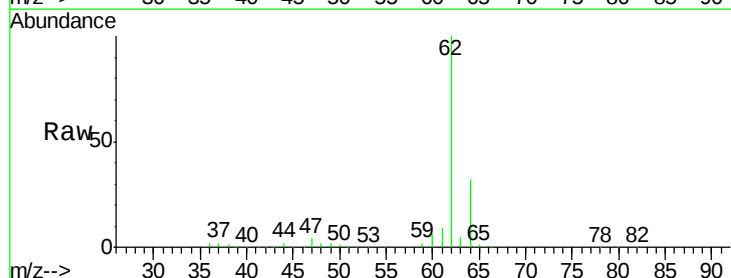
Instrument :
MSVOA_X
ClientSampleId :

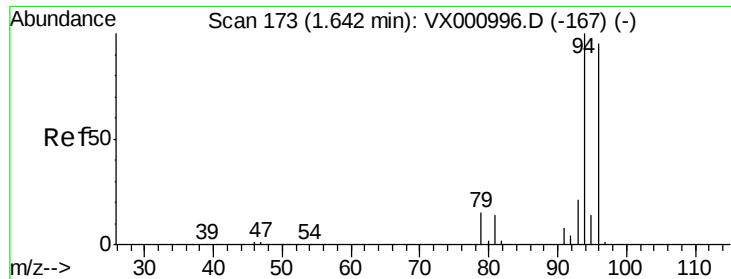
Tot Ion: 50 Resp: 147376
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5



#4
Vinyl Chloride
Concen: 47.37 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion: 62 Resp: 154208
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4





#5

Bromomethane

Concen: 54.19 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

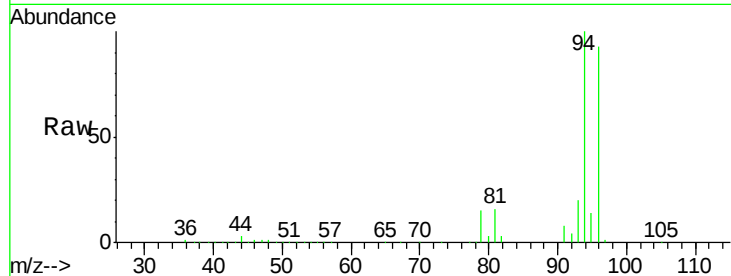
ClientSampleId :

Tot Ion: 94 Resp: 100347

Ion Ratio Lower Upper

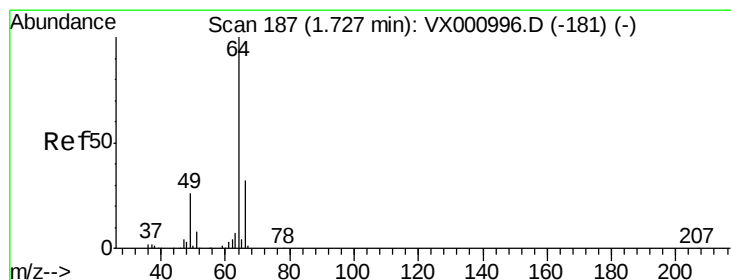
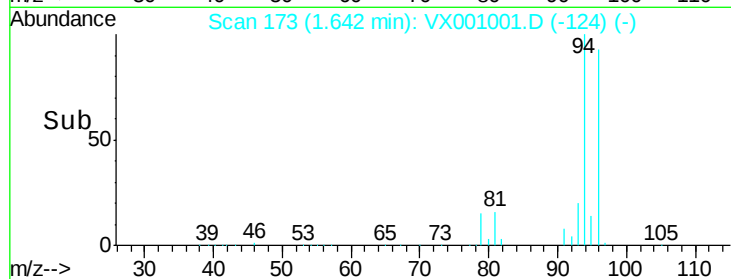
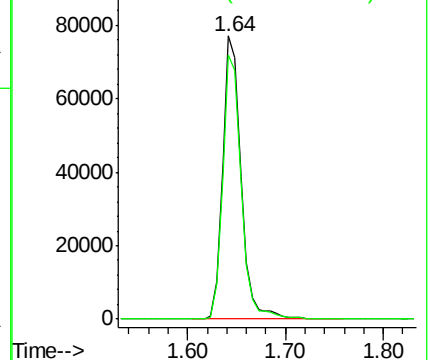
94 100

96 93.3 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.29 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001001.D

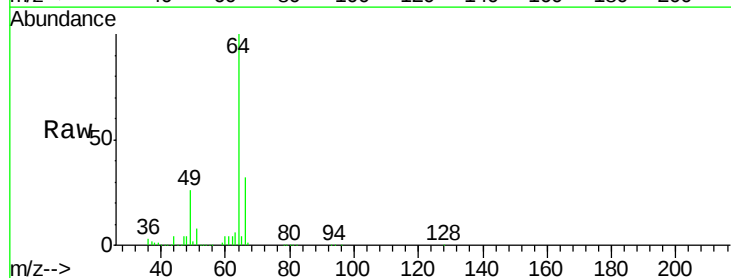
Acq: 20 Apr 2018 11:18

Tgt Ion: 64 Resp: 89528

Ion Ratio Lower Upper

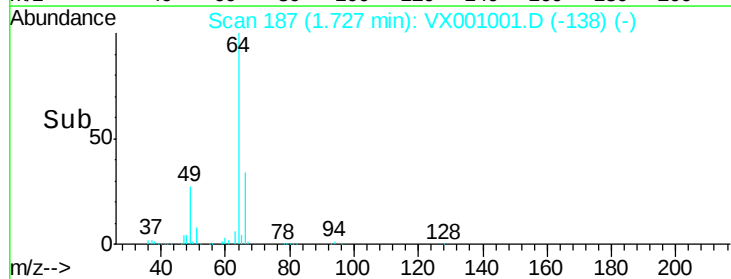
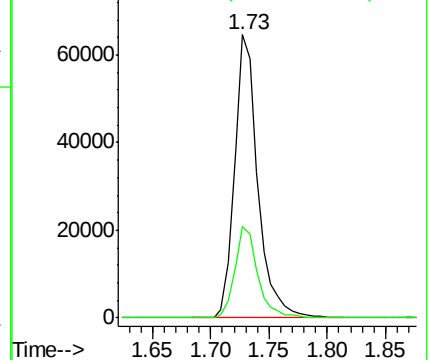
64 100

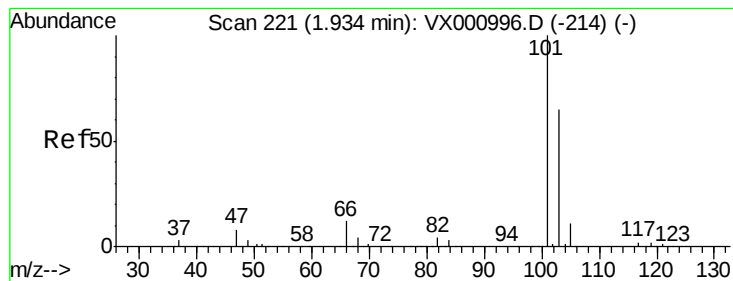
66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



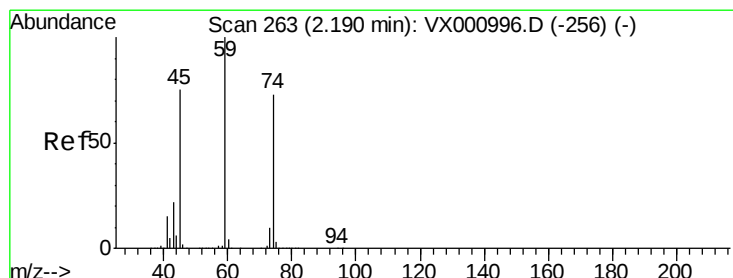
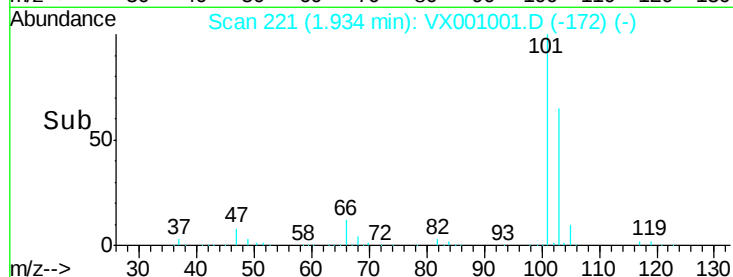
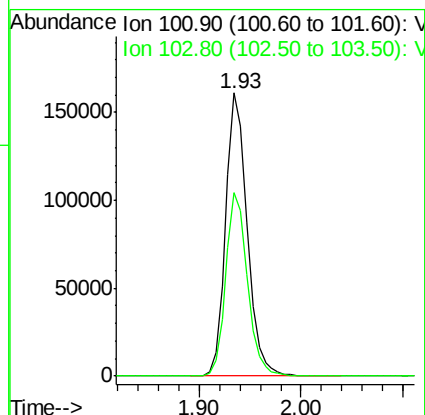
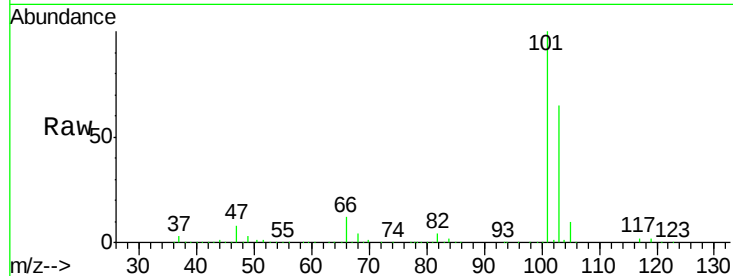


#7

Trichlorofluoromethane
Concen: 48.44 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :

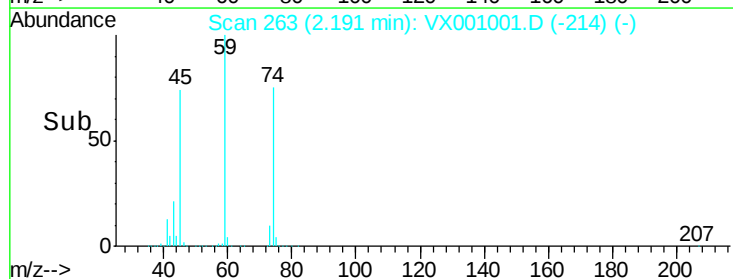
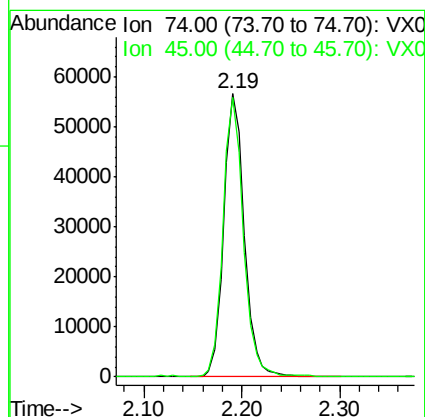
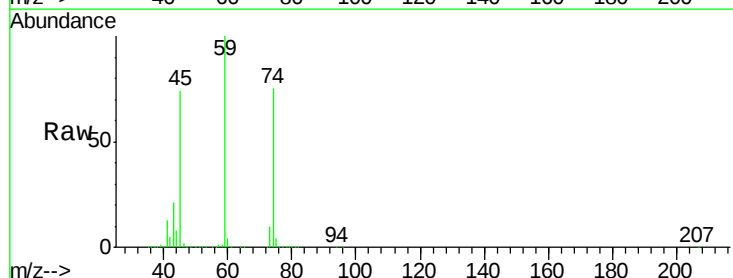
Tot Ion:101 Resp: 236875
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

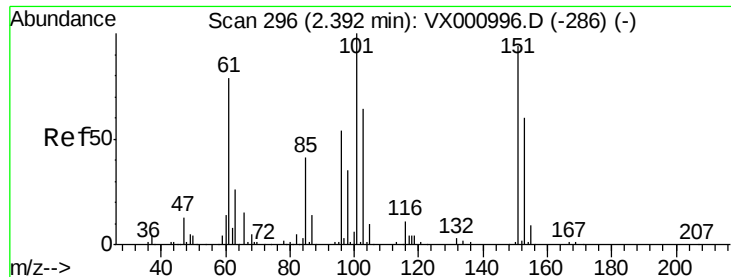


#8

Diethyl Ether
Concen: 45.72 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion: 74 Resp: 82580
Ion Ratio Lower Upper
74 100
45 97.0 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.11 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

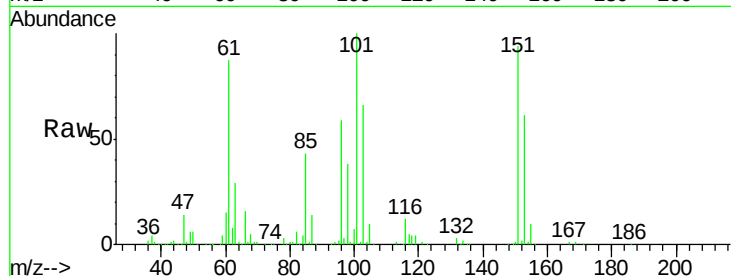
Tot Ion:101 Resp: 137836

Ion Ratio Lower Upper

101 100

85 43.3 33.9 50.9

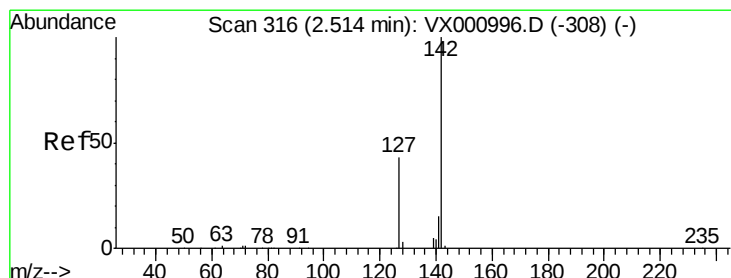
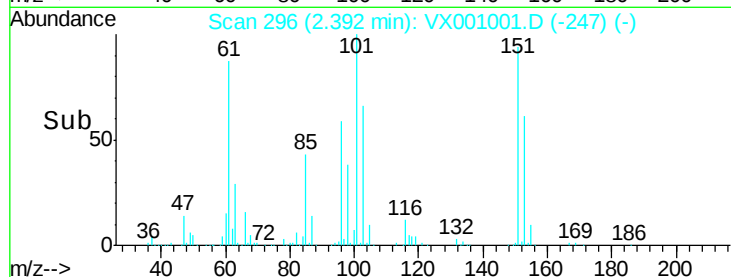
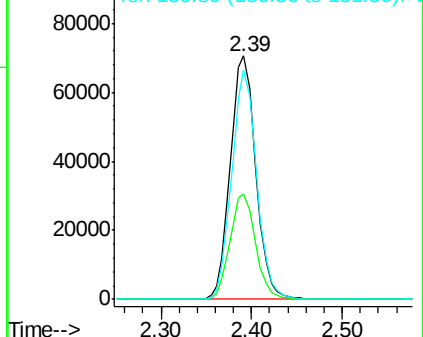
151 92.3 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.74 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

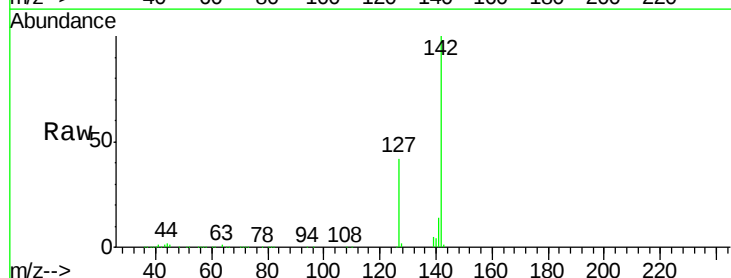
Tgt Ion:142 Resp: 137168

Ion Ratio Lower Upper

142 100

127 42.8 34.0 51.0

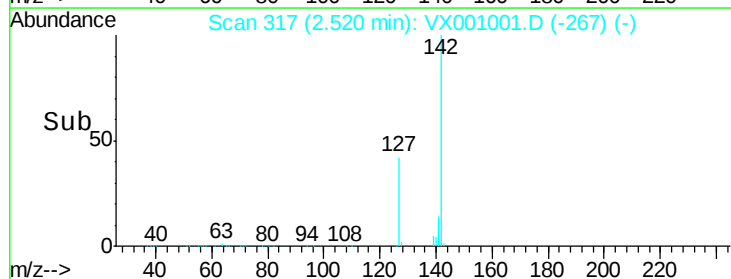
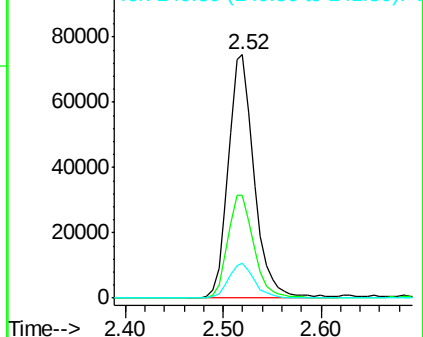
141 14.4 11.4 17.2

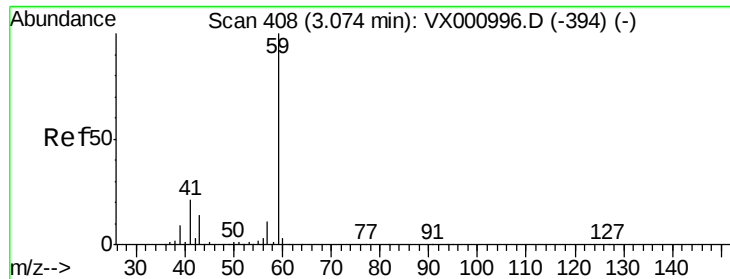


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

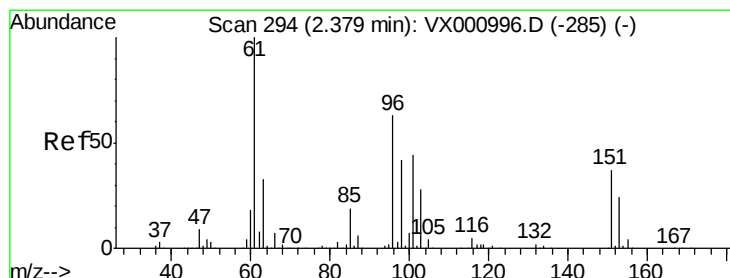
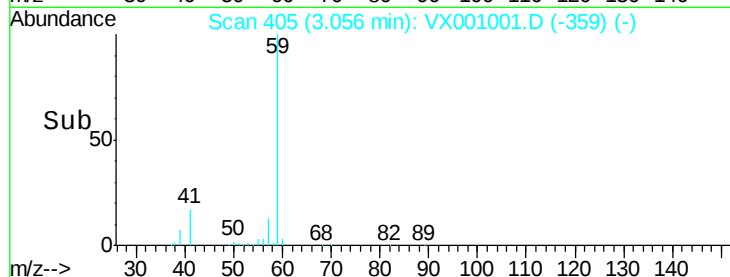
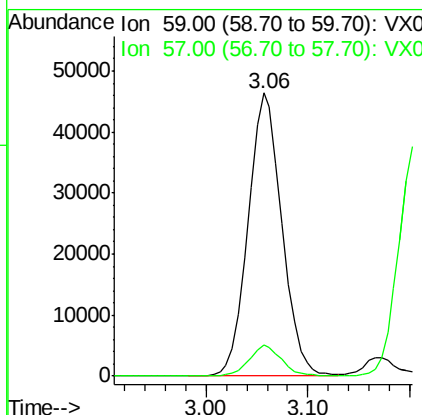
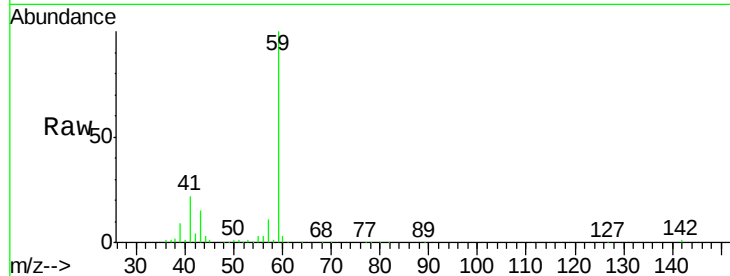




#11
Tert butyl alcohol
Concen: 205.54 ug/l
RT: 3.06 min Scan# 405
Delta R.T. -0.02 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

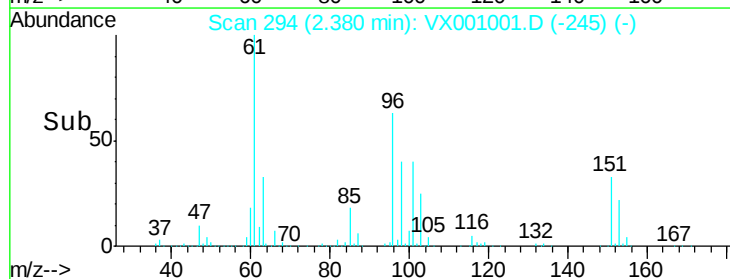
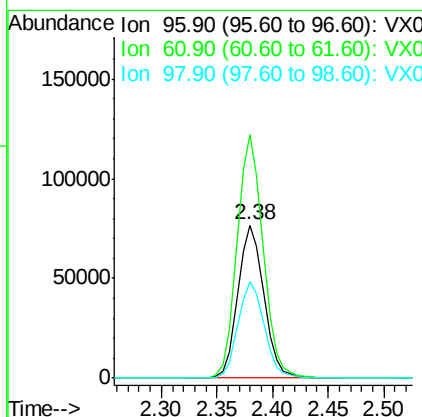
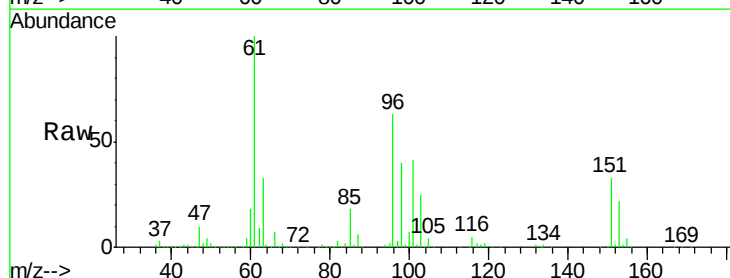
Instrument :
MSVOA_X
ClientSampled :

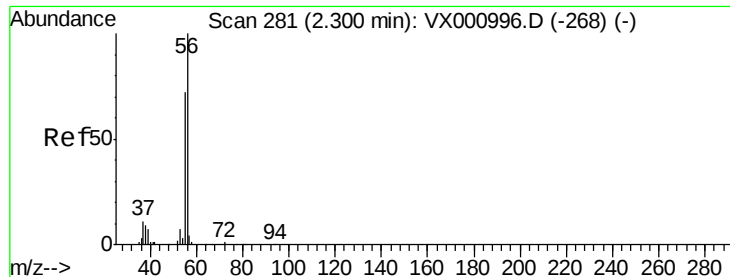
Tot Ion: 59 Resp: 106861
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.91 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion: 96 Resp: 124301
Ion Ratio Lower Upper
96 100
61 159.1 126.4 189.6
98 63.3 52.6 78.8





#13

Acrolein

Concen: 245.99 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

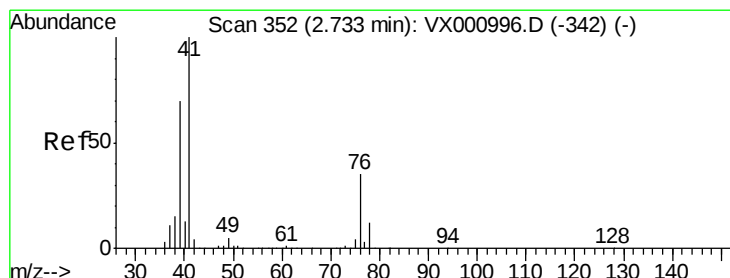
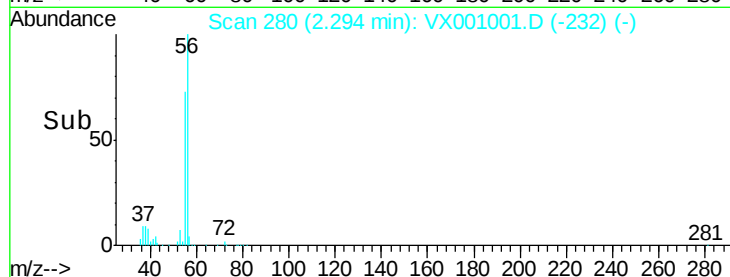
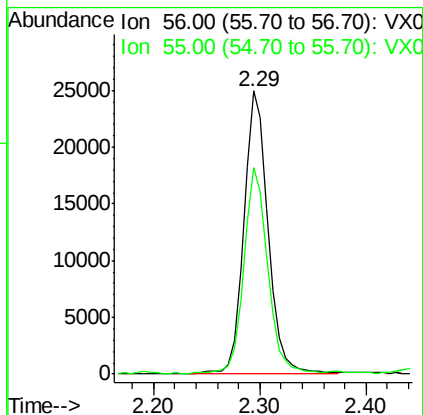
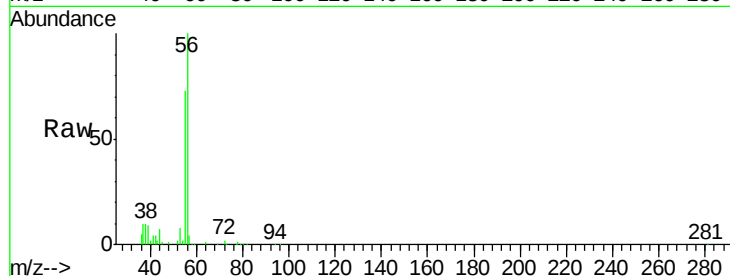
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 39814

Ion Ratio Lower Upper

56 100

55 71.4 57.4 86.2



#14

Allyl chloride

Concen: 47.38 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

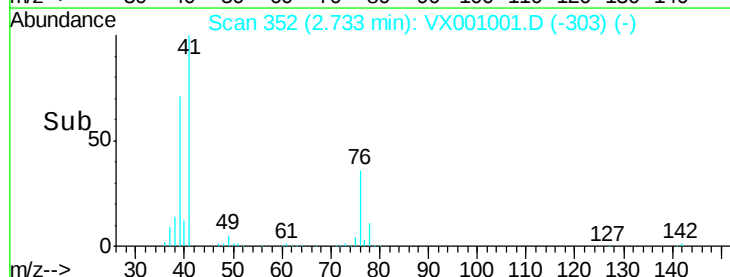
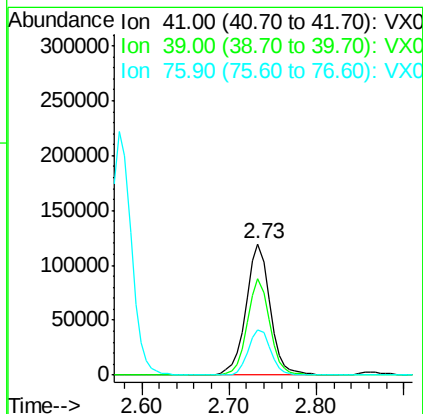
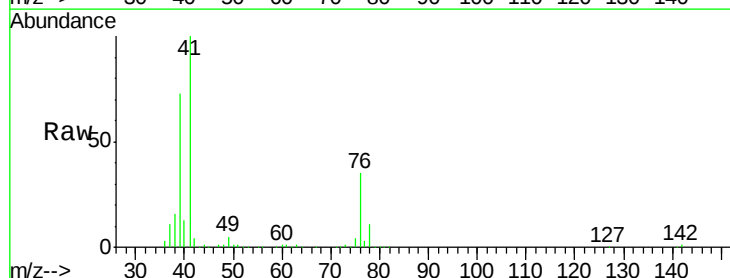
Tgt Ion: 41 Resp: 227201

Ion Ratio Lower Upper

41 100

39 68.2 53.0 79.6

76 32.4 25.9 38.9





#15

Acrylonitrile

Concen: 208.41 ug/l

RT: 3.15 min Scan# 420

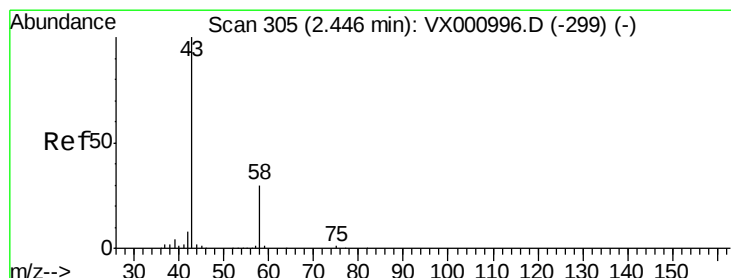
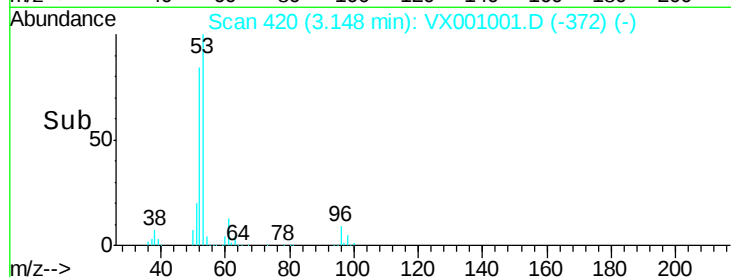
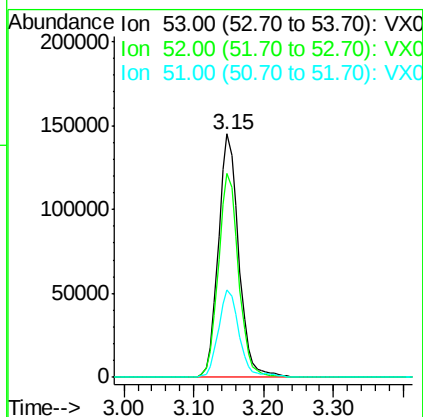
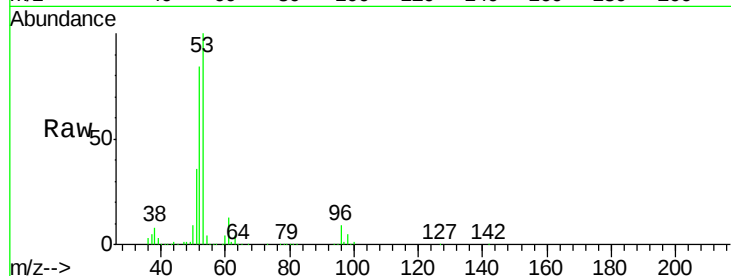
Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	293237
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.4	99.6
51	36.8	29.0	43.6



#16

Acetone

Concen: 211.60 ug/l

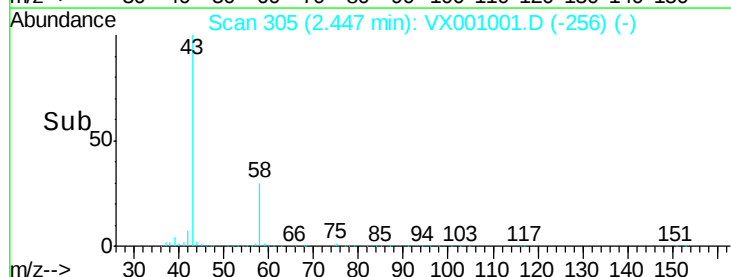
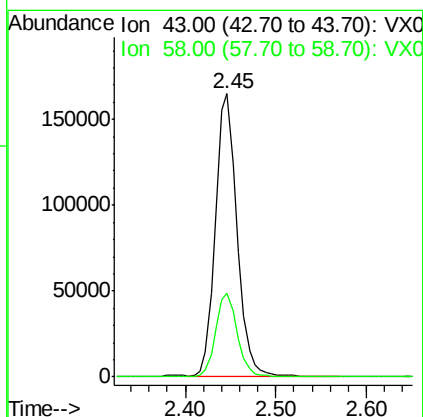
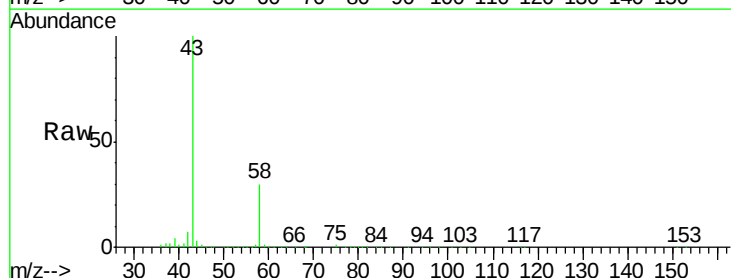
RT: 2.45 min Scan# 305

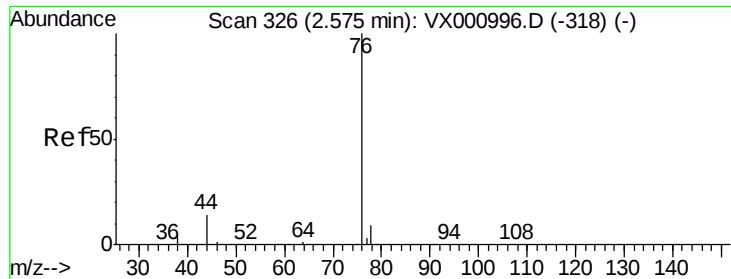
Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Tgt Ion:	43	Resp:	274678
Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.7	35.5

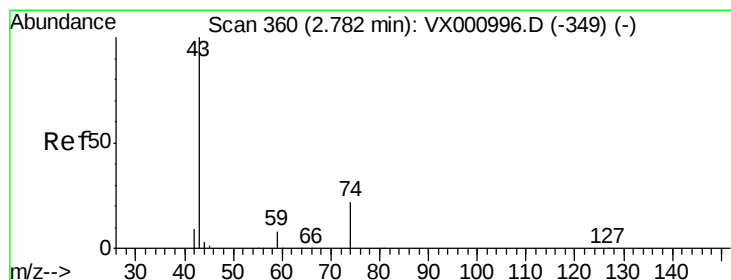
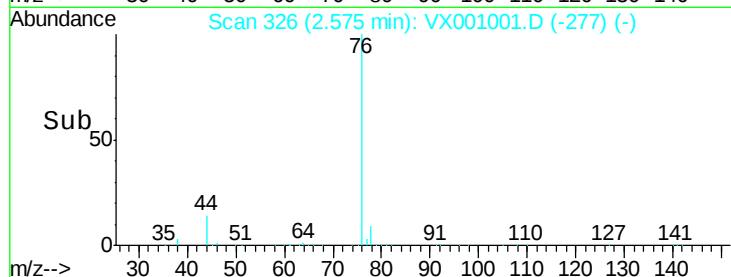
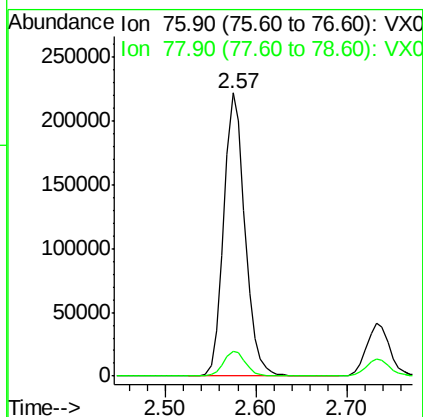
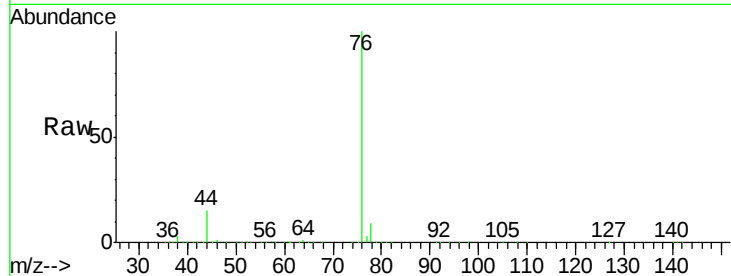




#17
Carbon Disulfide
Concen: 47.94 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

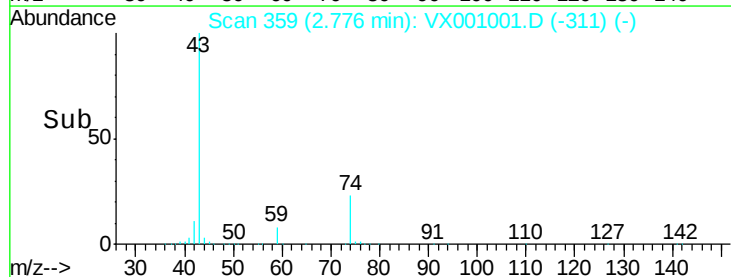
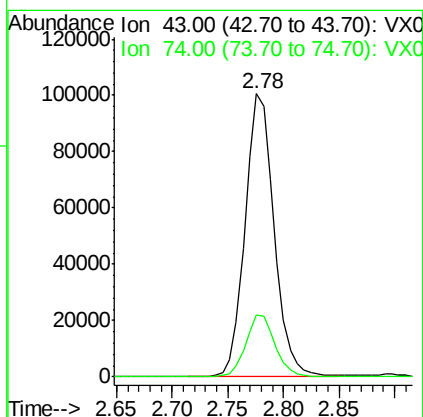
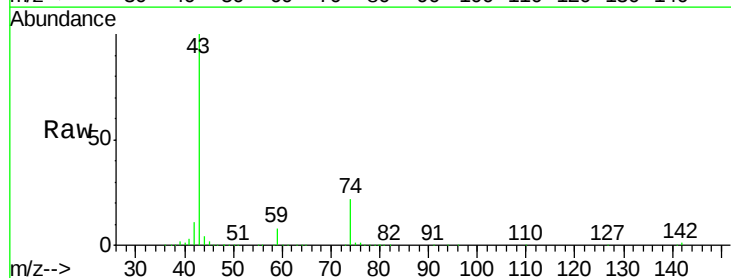
Instrument :
MSVOA_X
ClientSampleId :

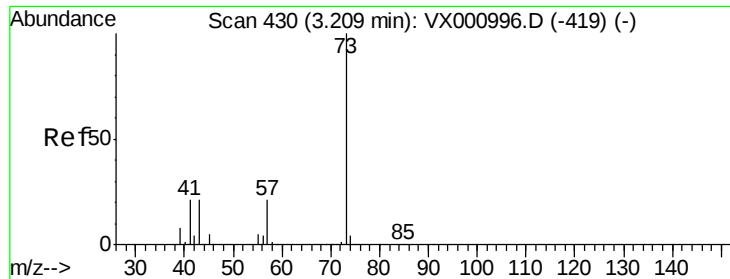
Tot Ion: 76 Resp: 362032
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 46.21 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion: 43 Resp: 181517
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5

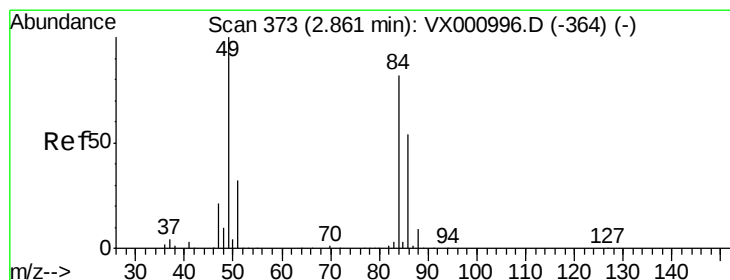
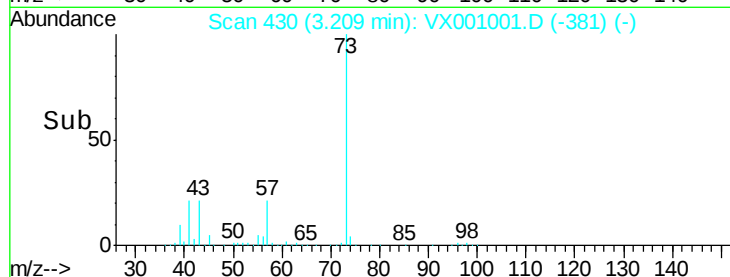
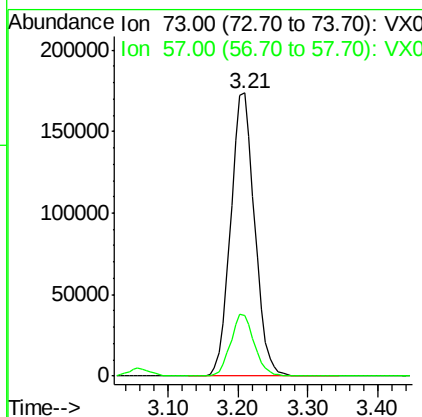
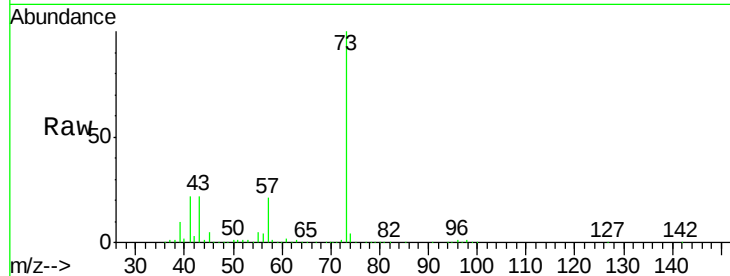




#19
Methyl tert-butyl Ether
Concen: 46.44 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

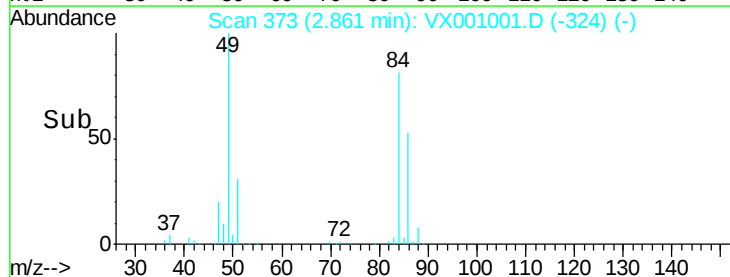
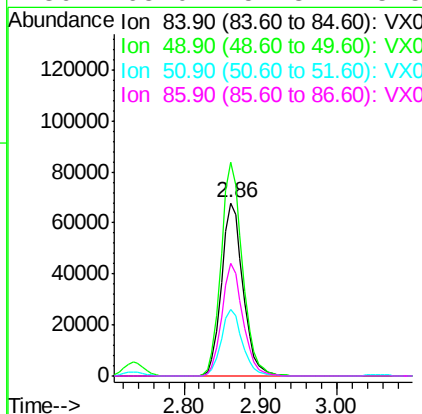
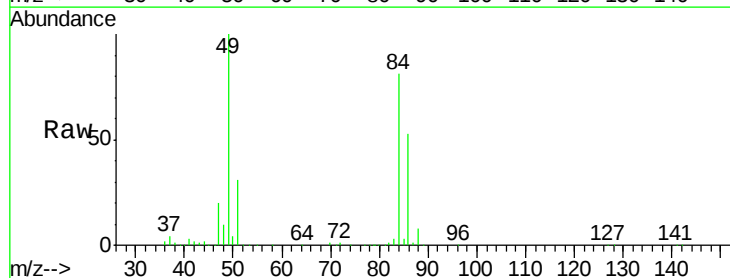
Instrument :
MSVOA_X
ClientSampleId :

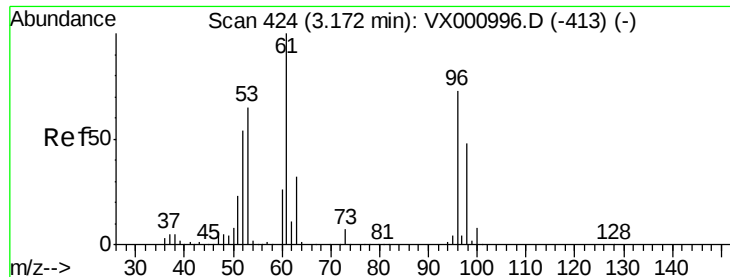
Tot Ion: 73 Resp: 413673
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7



#20
Methylene Chloride
Concen: 47.97 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion: 84 Resp: 131427
Ion Ratio Lower Upper
84 100
49 123.4 97.1 145.7
51 38.6 30.8 46.2
86 65.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 45.99 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :

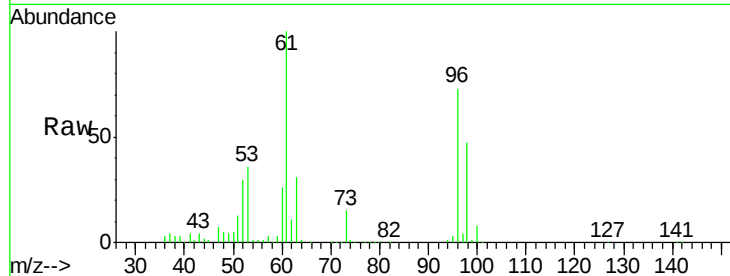
Tot Ion: 96 Resp: 135645

Ion Ratio Lower Upper

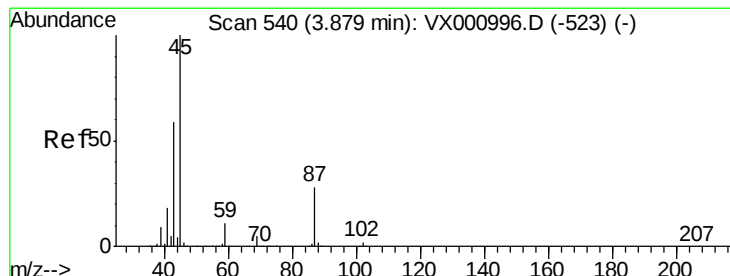
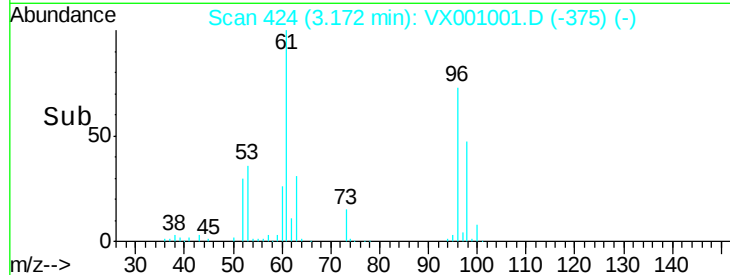
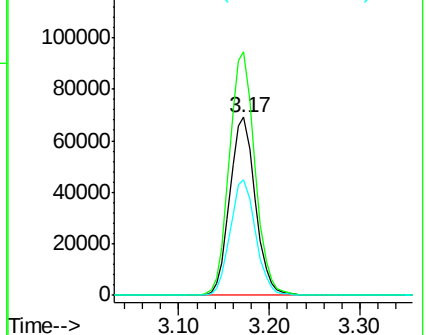
96 100

61 136.6 109.4 164.2

98 64.7 52.6 78.8



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



#22

Diisopropyl ether

Concen: 45.69 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Tgt Ion: 45 Resp: 424095

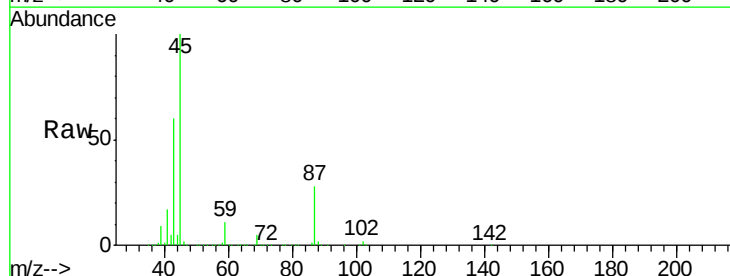
Ion Ratio Lower Upper

45 100

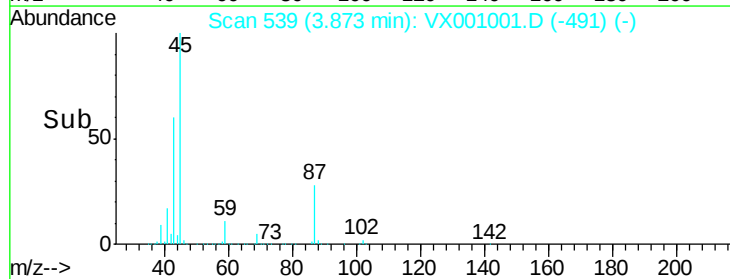
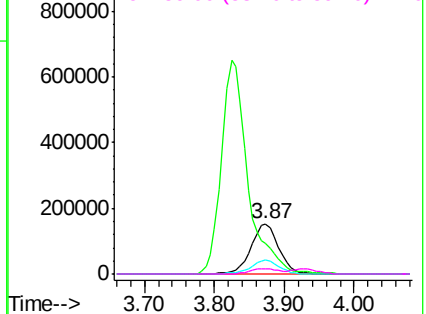
43 59.9 47.0 70.4

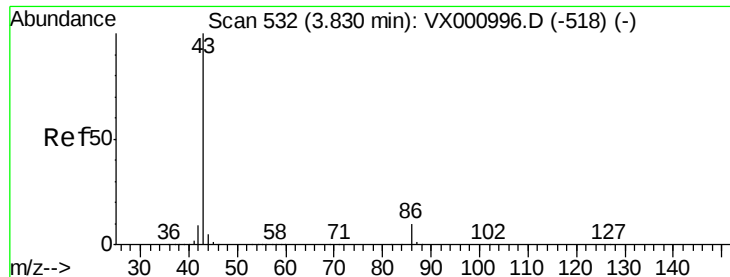
87 28.1 22.5 33.7

59 11.2 8.8 13.2



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





#23

Vinyl Acetate

Concen: 224.10 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

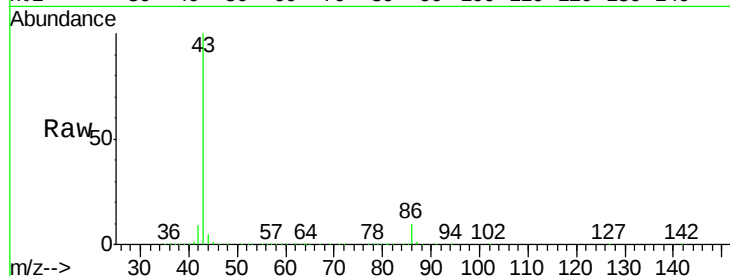
ClientSampleId :

Tot Ion: 43 Resp: 1722187

Ion Ratio Lower Upper

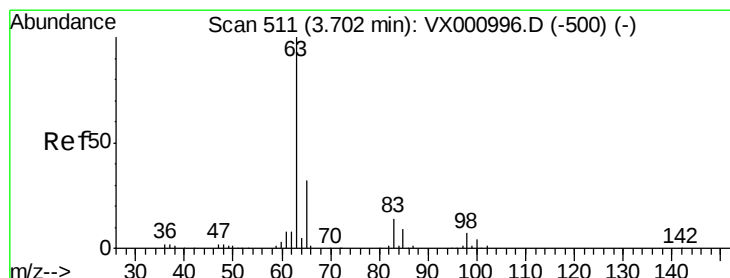
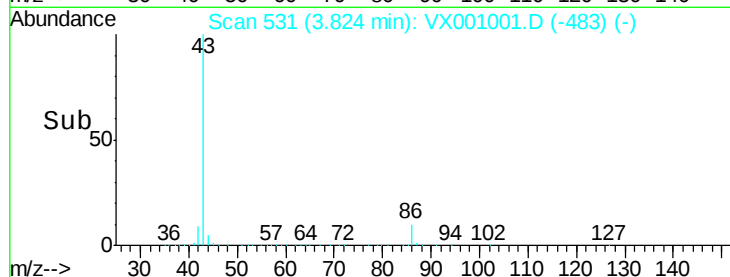
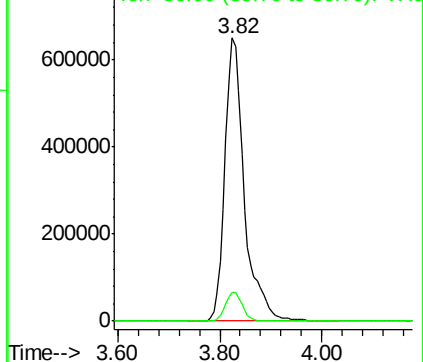
43 100

86 10.1 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.23 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

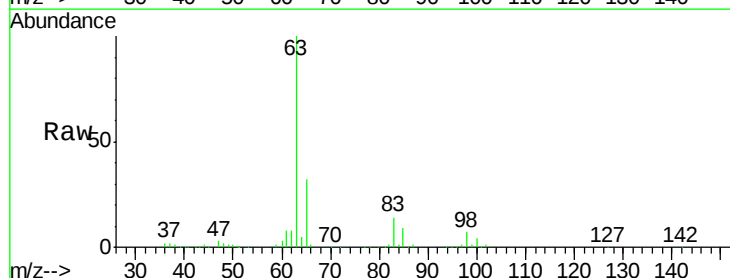
Tgt Ion: 63 Resp: 235486

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

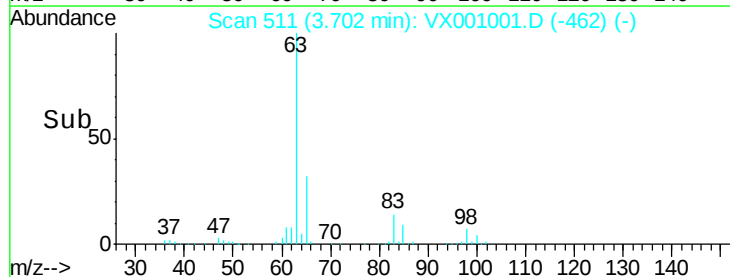
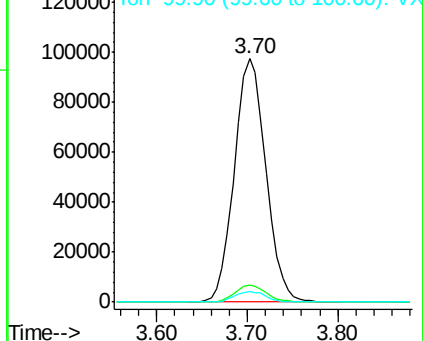
100 4.4 2.1 6.3

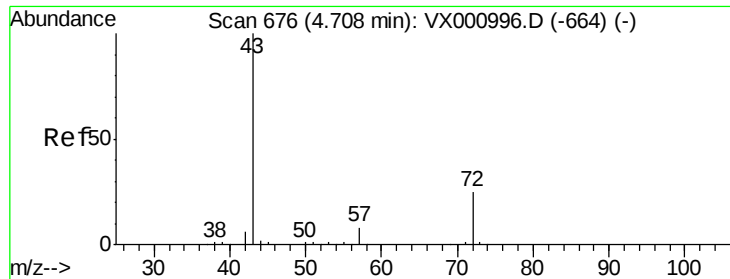


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 209.83 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

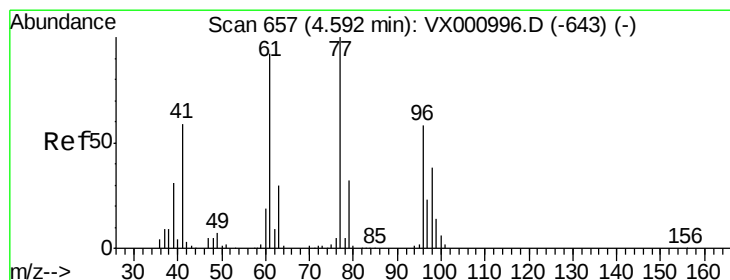
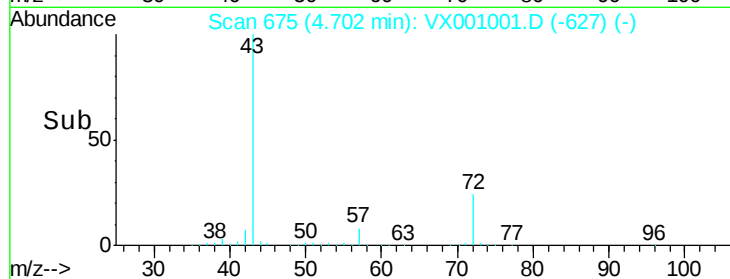
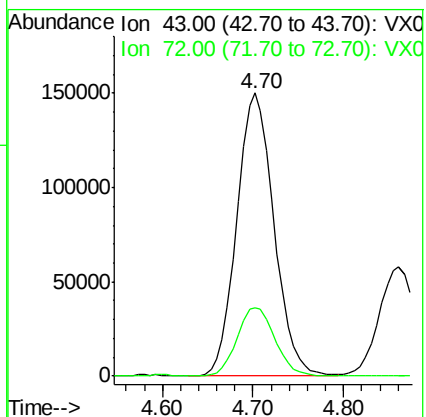
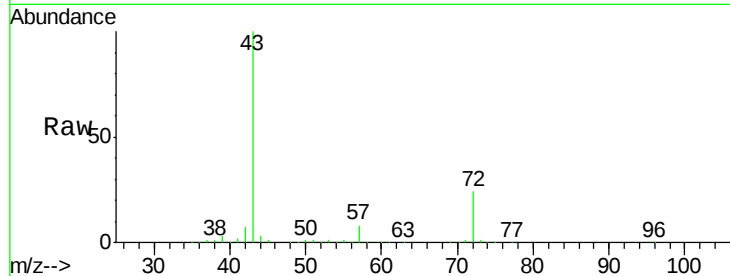
ClientSampled :

Tot Ion: 43 Resp: 425196

Ion Ratio Lower Upper

43 100

72 24.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 49.32 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001001.D

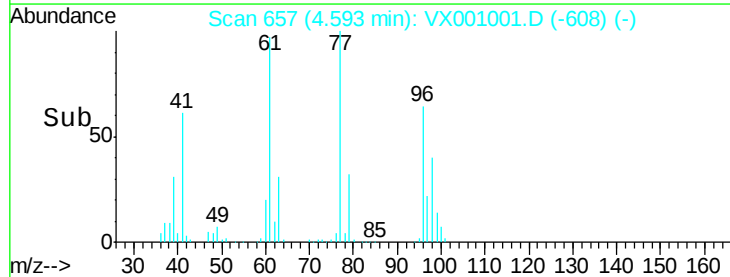
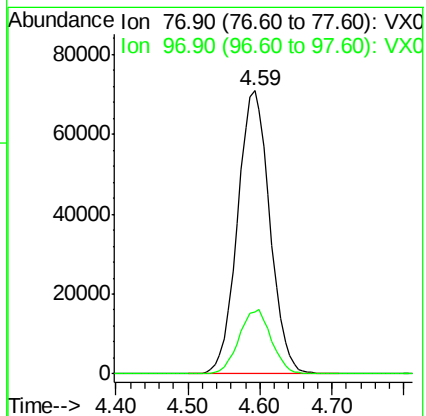
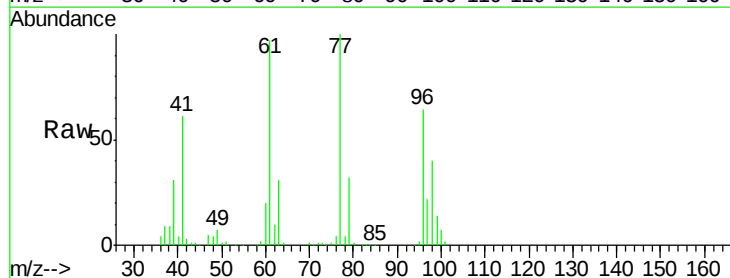
Acq: 20 Apr 2018 11:18

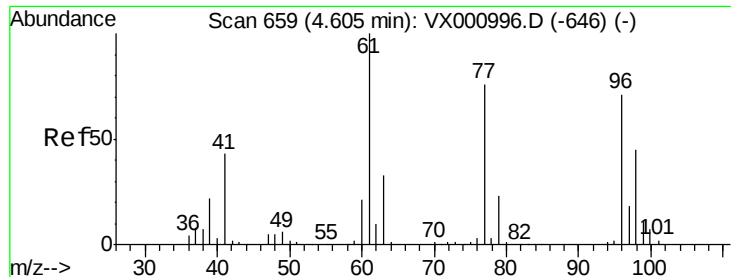
Tgt Ion: 77 Resp: 220926

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4



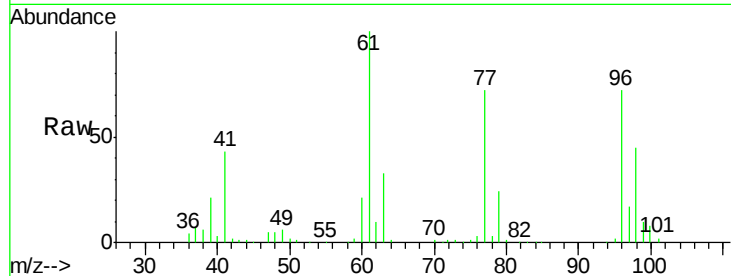


#27

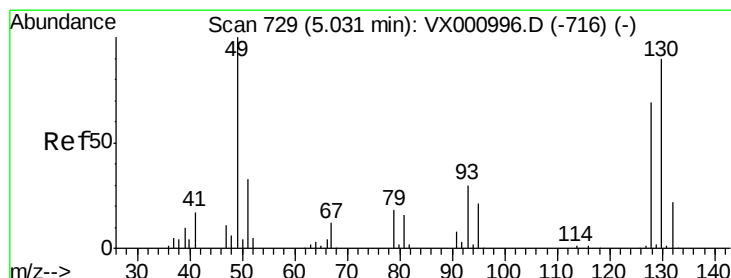
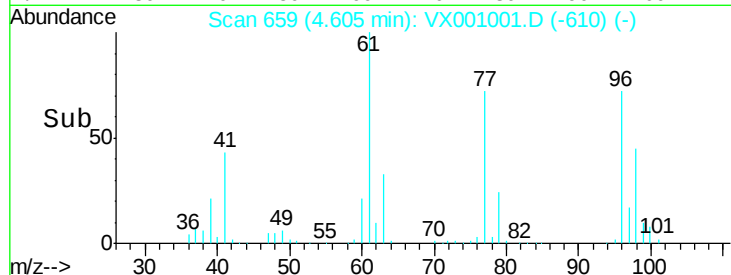
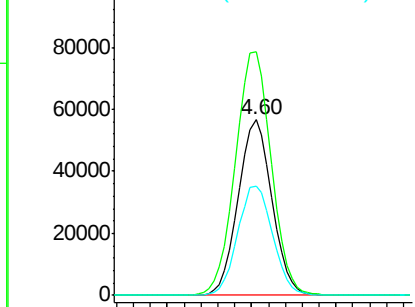
cis-1,2-Dichloroethene
Concen: 46.85 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 153939
Ion Ratio Lower Upper
96 100
61 147.4 0.0 297.0
98 64.7 0.0 130.0



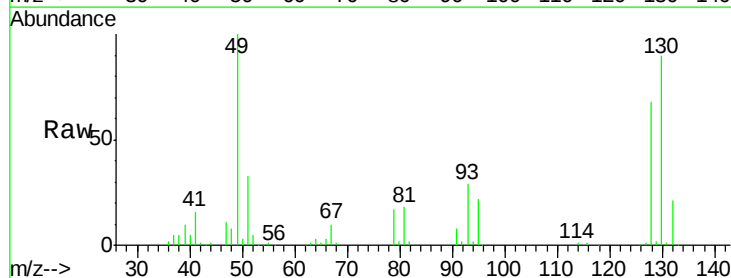
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



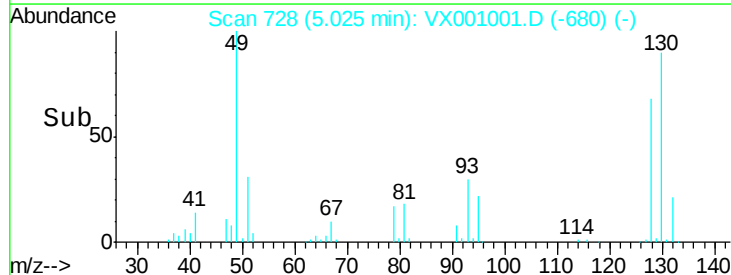
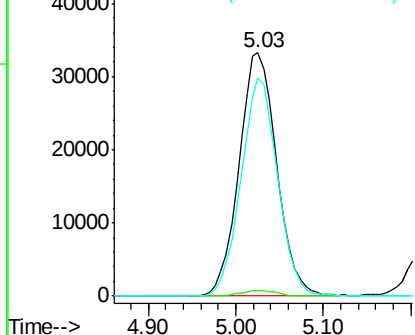
#28

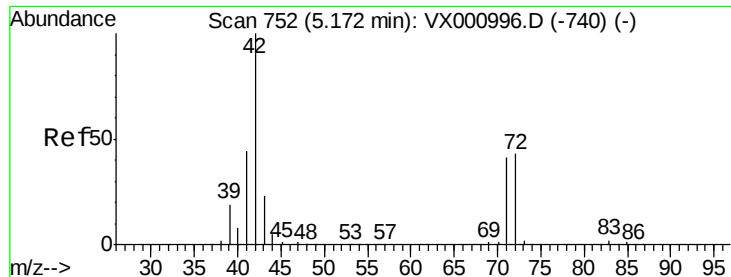
Bromochloromethane
Concen: 49.78 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion: 49 Resp: 99664
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 86.9 70.6 105.8



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

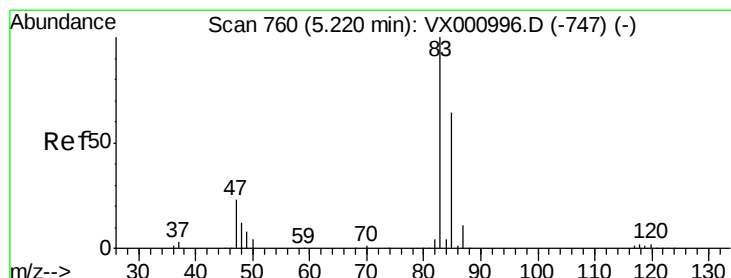
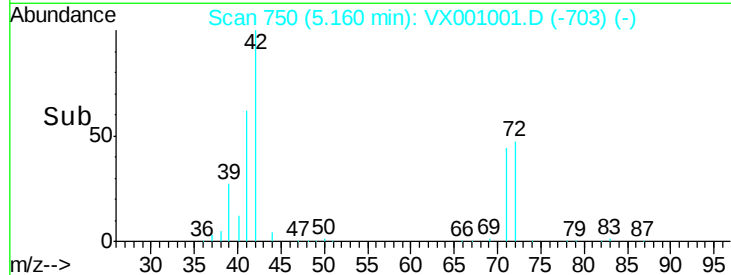
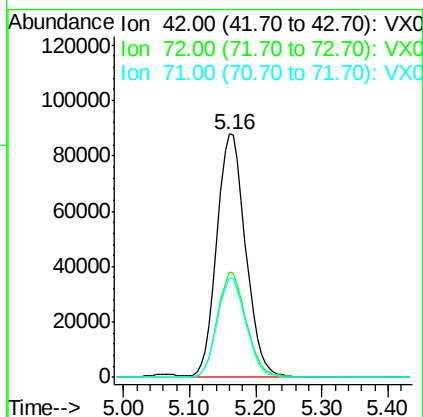
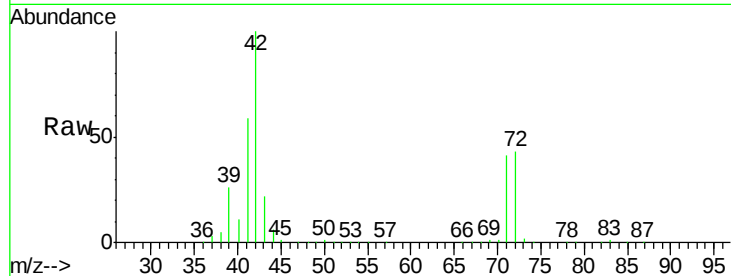




#29
Tetrahydrofuran
Concen: 207.58 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

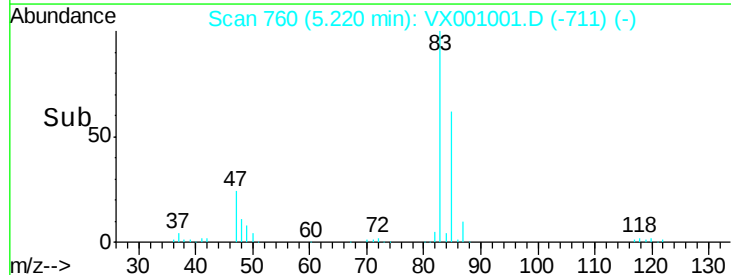
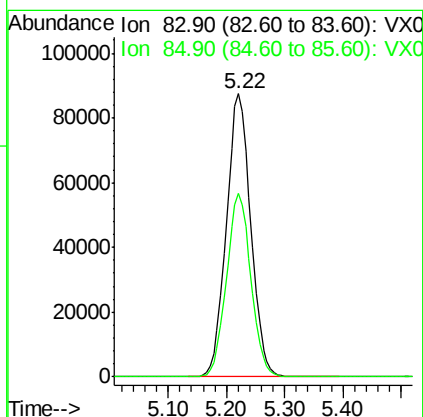
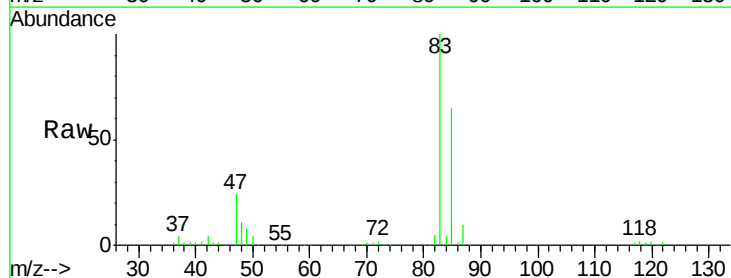
Instrument :
MSVOA_X
ClientSampled :

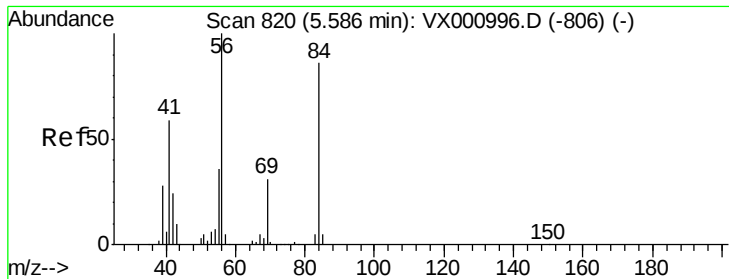
Tot Ion: 42 Resp: 265807
Ion Ratio Lower Upper
42 100
72 43.3 34.6 52.0
71 40.6 32.6 49.0



#30
Chloroform
Concen: 47.20 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion: 83 Resp: 254507
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9





#31

Cyclohexane

Concen: 47.23 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :

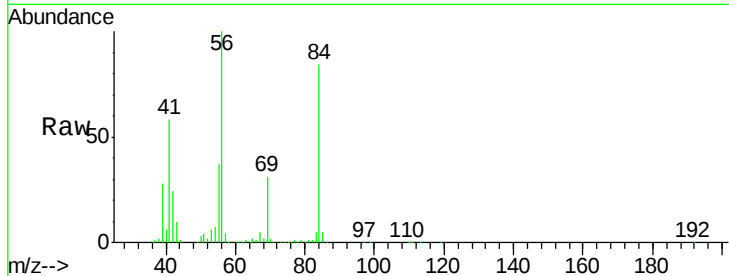
Tot Ion: 56 Resp: 229518

Ion Ratio Lower Upper

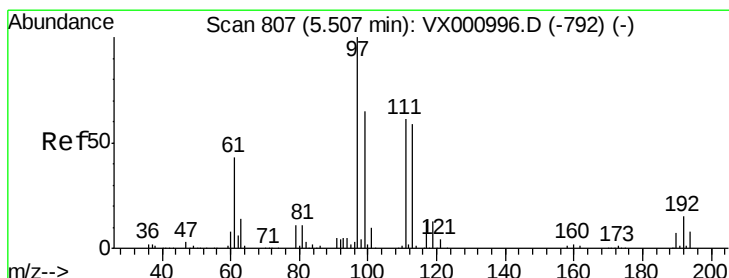
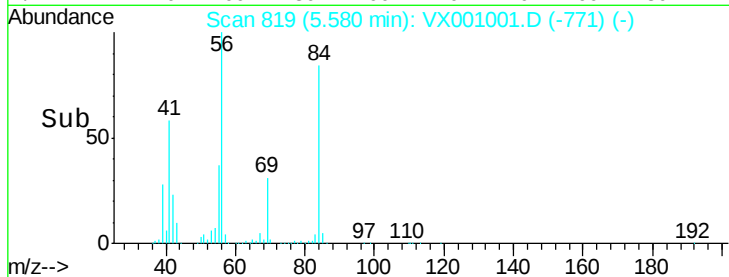
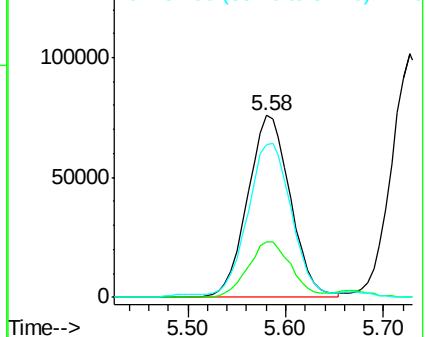
56 100

69 30.6 24.6 36.8

84 82.6 69.0 103.6



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



#32

1,1,1-Trichloroethane

Concen: 48.57 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

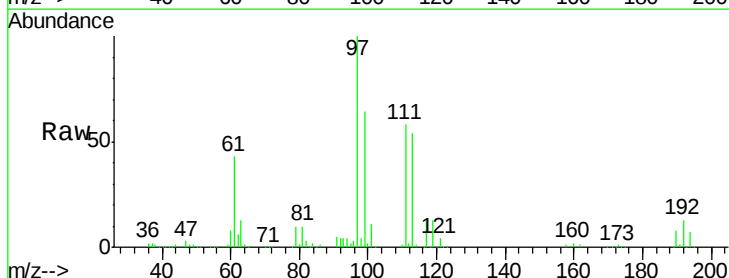
Tgt Ion: 97 Resp: 234811

Ion Ratio Lower Upper

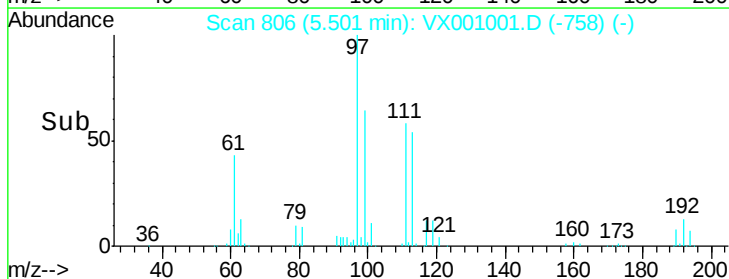
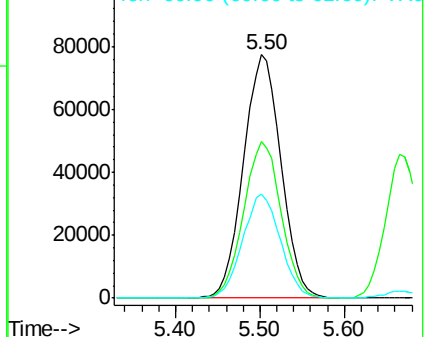
97 100

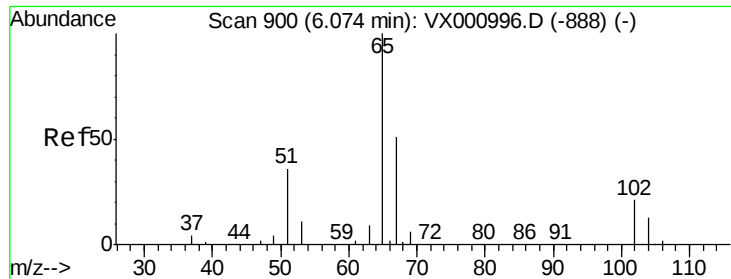
99 64.1 51.1 76.7

61 43.0 34.4 51.6



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





#33

1,2-Dichloroethane-d4

Concen: 44.63 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

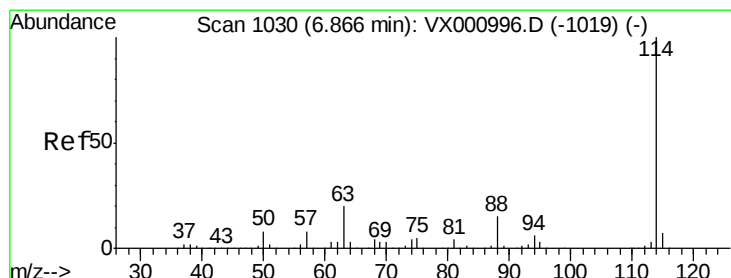
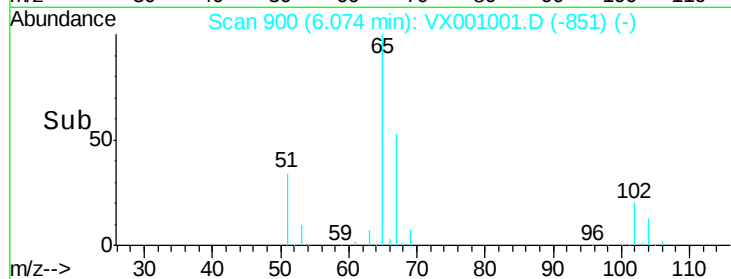
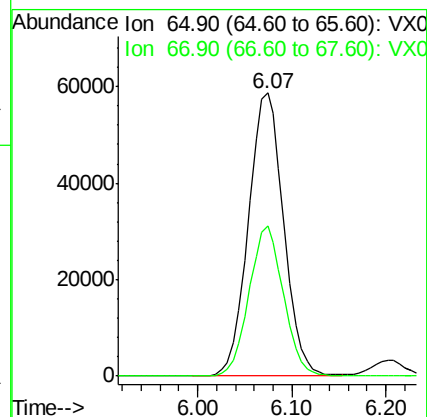
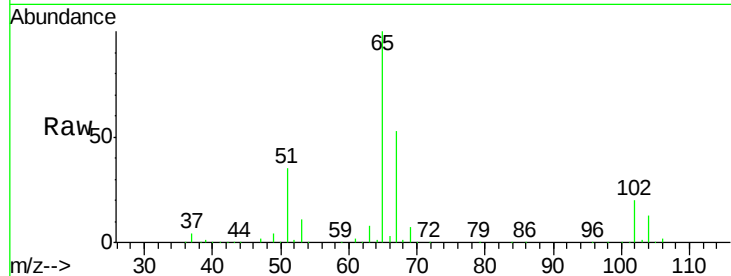
ClientSampleId :

Tot Ion: 65 Resp: 153842

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

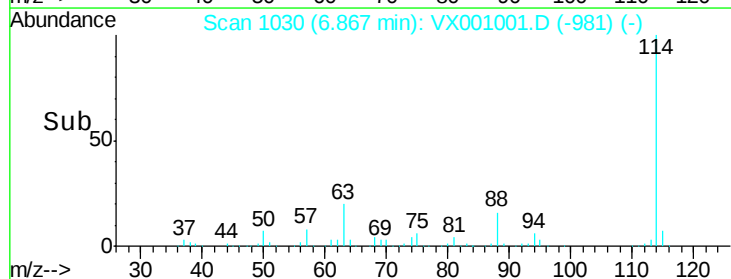
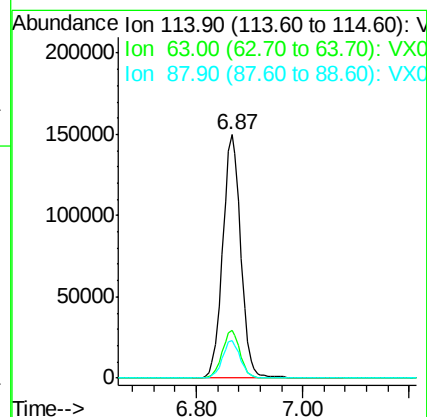
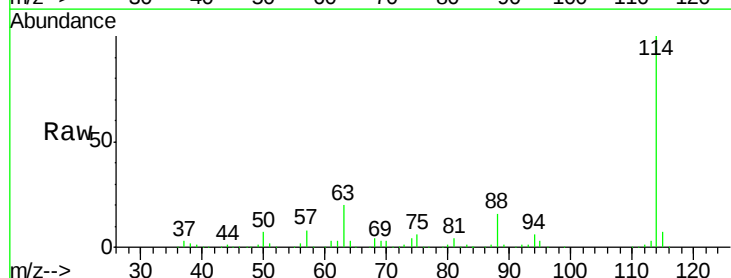
Tgt Ion: 114 Resp: 356478

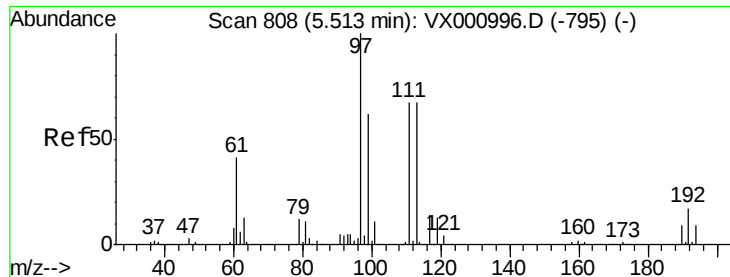
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

88 15.6 0.0 29.8

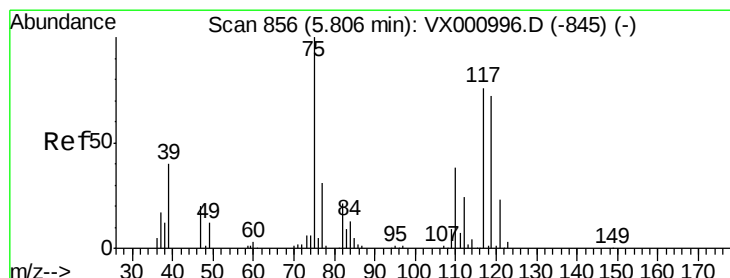
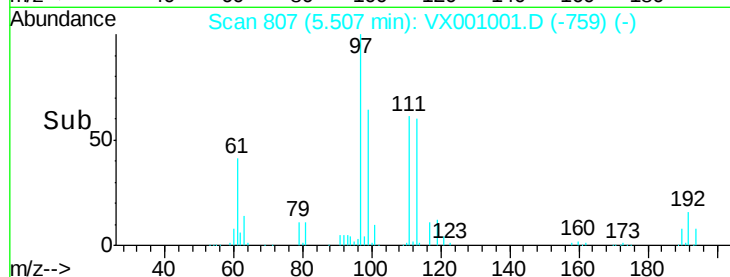
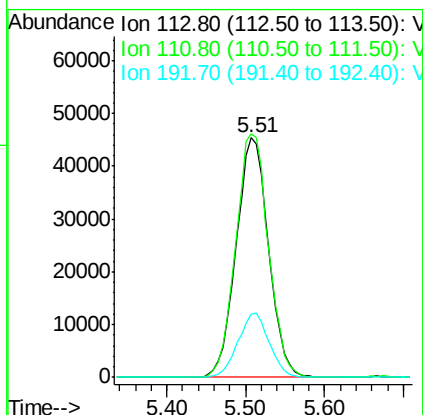
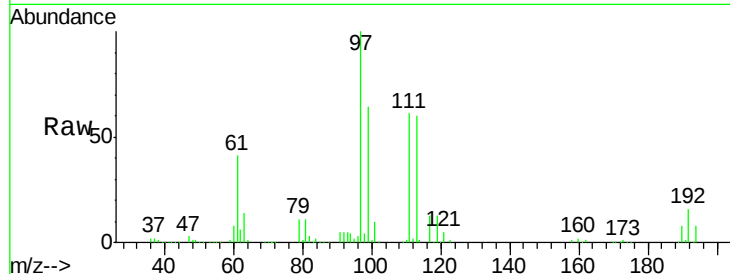




#35
 Dibromofluoromethane
 Concen: 47.52 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001001.D
 Acq: 20 Apr 2018 11:18

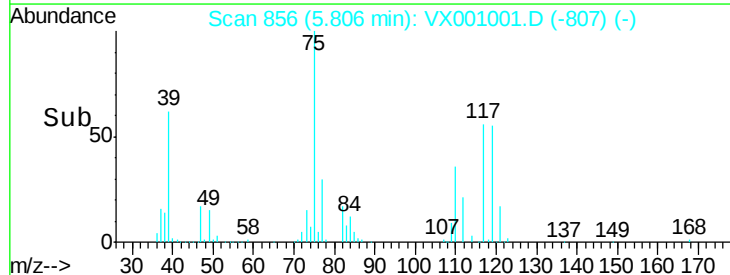
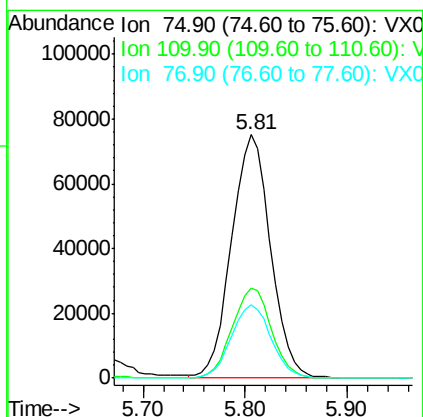
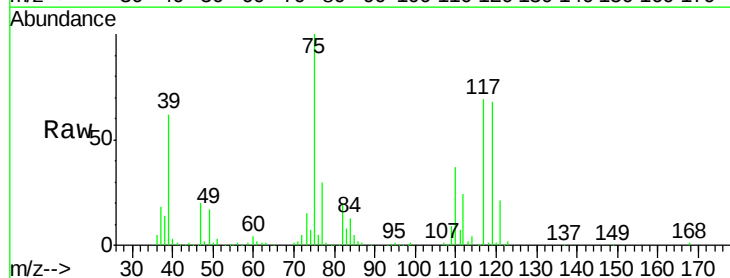
Instrument :
 MSVOA_X
 ClientSampleId :

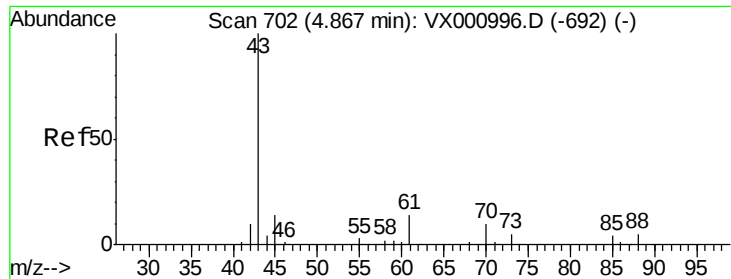
Tot Ion:113 Resp: 129174
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.2
 192 25.9 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 47.28 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001001.D
 Acq: 20 Apr 2018 11:18

Tgt Ion: 75 Resp: 198061
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.7 56.1
 77 30.7 25.0 37.4

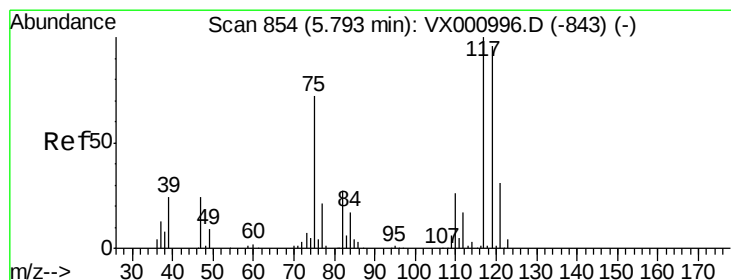
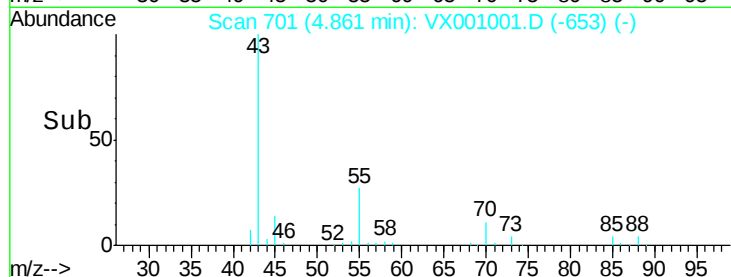
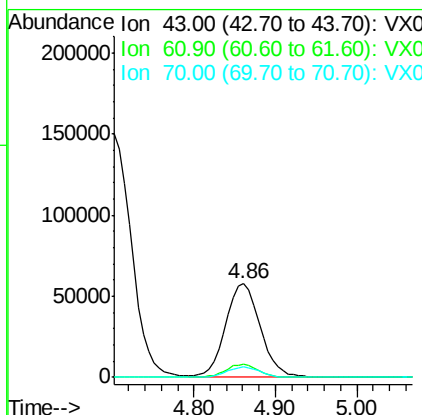
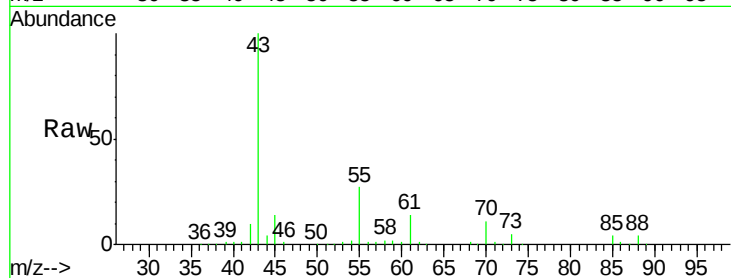




#37
Ethyl Acetate
Concen: 43.93 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

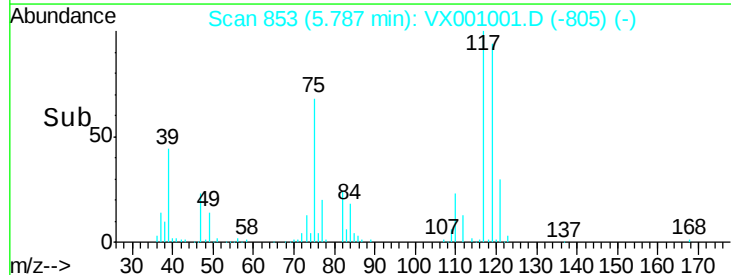
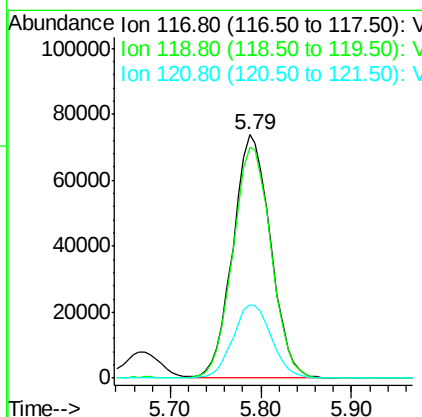
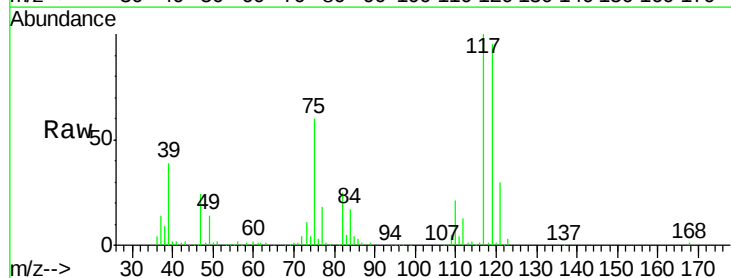
Instrument :
MSVOA_X
ClientSampleId :

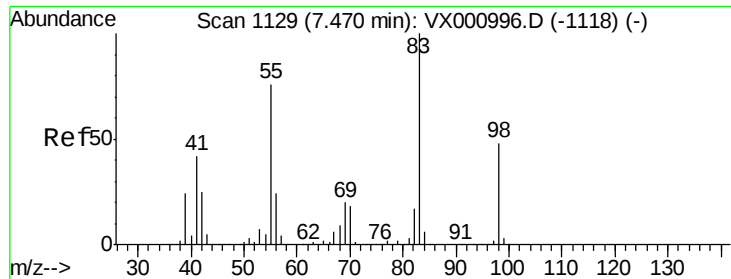
Tot Ion: 43 Resp: 168815
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.5 8.3 12.5



#38
Carbon Tetrachloride
Concen: 49.97 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion: 117 Resp: 211950
Ion Ratio Lower Upper
117 100
119 94.7 76.5 114.7
121 30.3 24.5 36.7

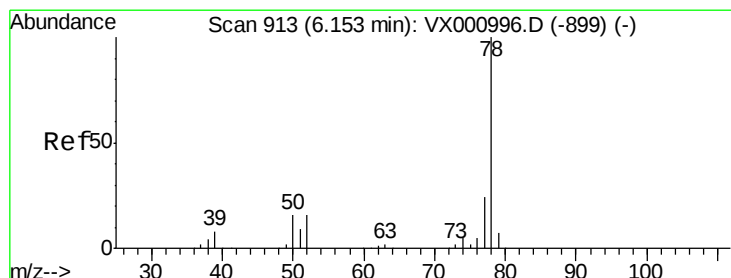
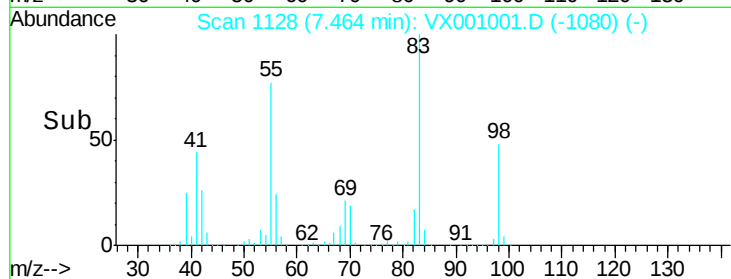
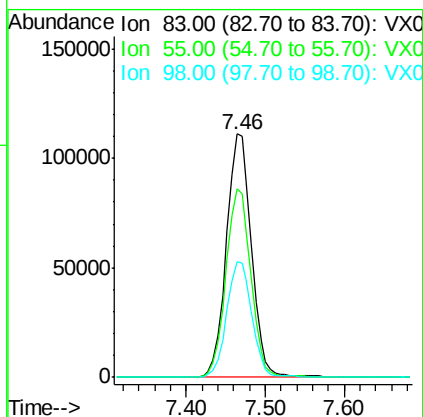
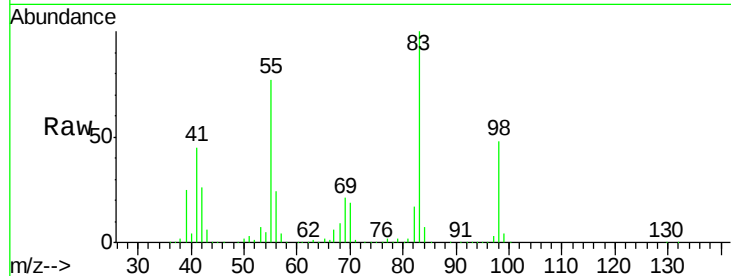




#39
Methvlcvclohexane
Concen: 50.39 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

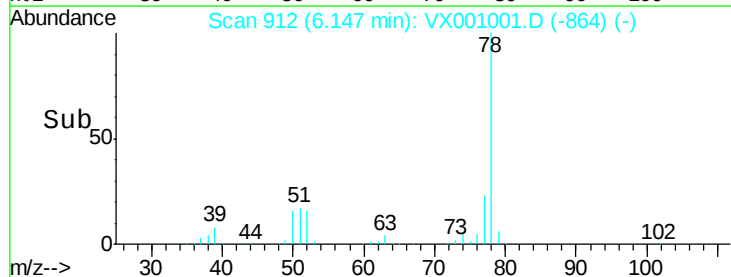
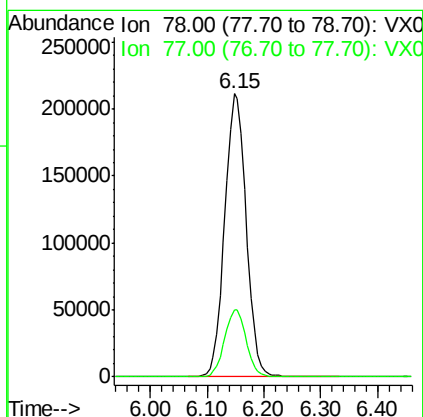
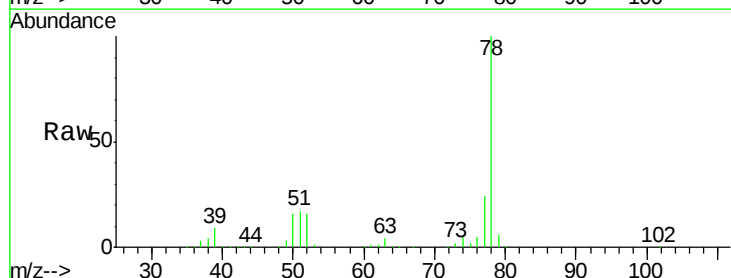
Instrument :
MSVOA_X
ClientSampled :

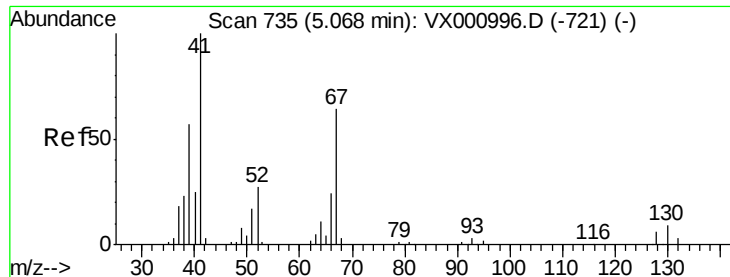
Tot Ion: 83 Resp: 245693
Ion Ratio Lower Upper
83 100
55 77.4 60.6 91.0
98 47.5 38.2 57.4



#40
Benzene
Concen: 47.75 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion: 78 Resp: 556097
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3





#41

Methacrylonitrile

Concen: 43.04 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 103279

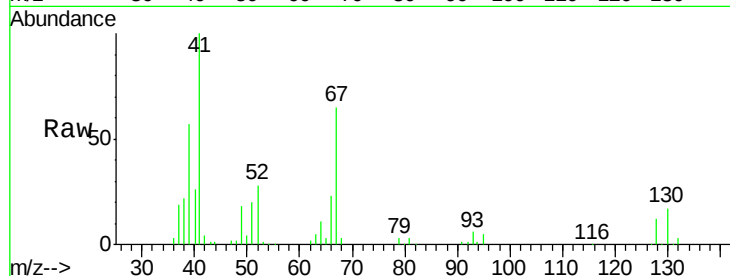
Ion Ratio Lower Upper

41 100

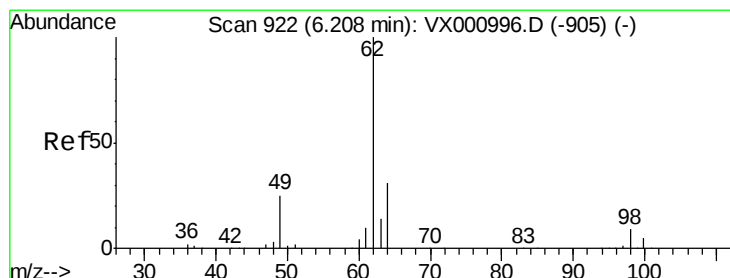
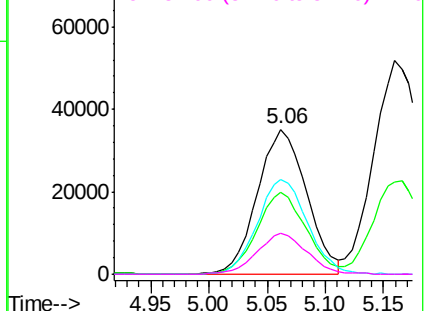
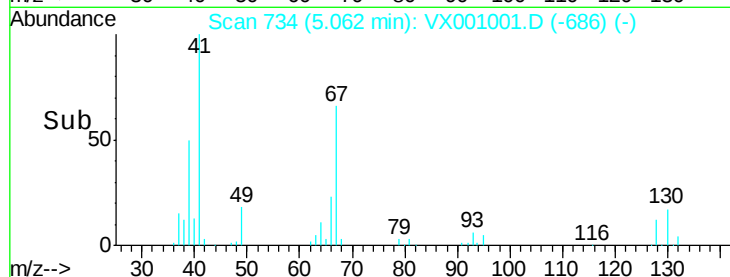
39 56.1 45.2 67.8

67 66.8 53.8 80.8

52 28.6 22.4 33.6



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



#42

1,2-Dichloroethane

Concen: 46.97 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX001001.D

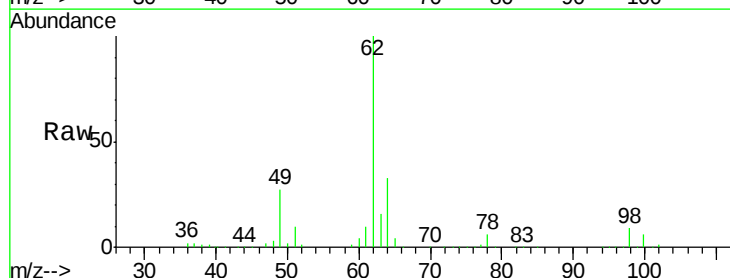
Acq: 20 Apr 2018 11:18

Tgt Ion: 62 Resp: 209961

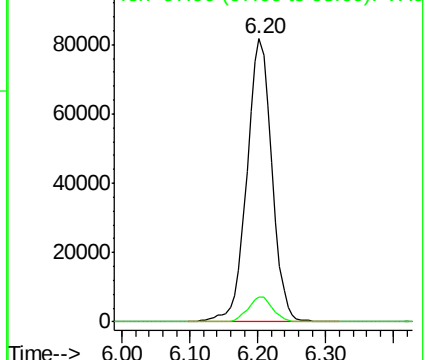
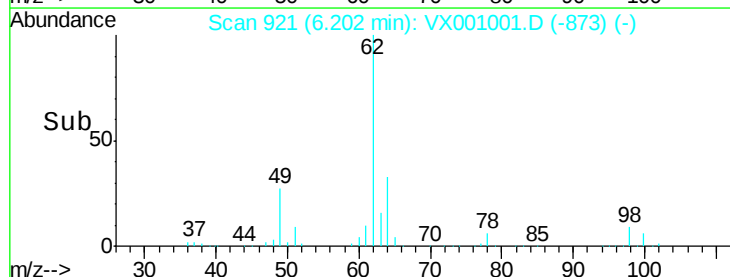
Ion Ratio Lower Upper

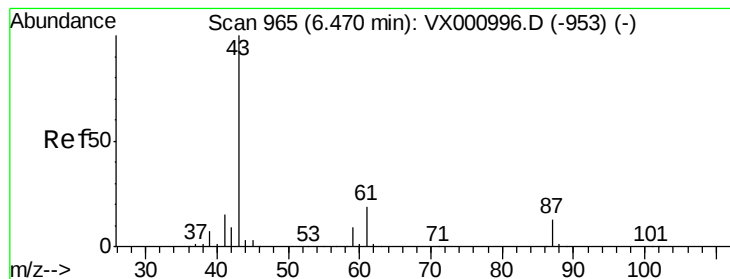
62 100

98 8.7 0.0 17.6



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



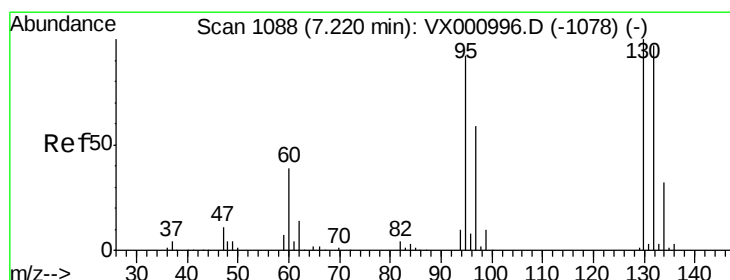
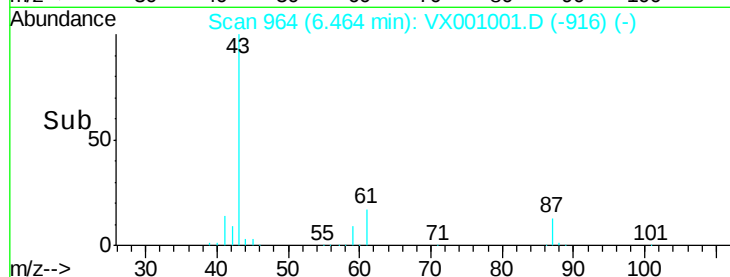
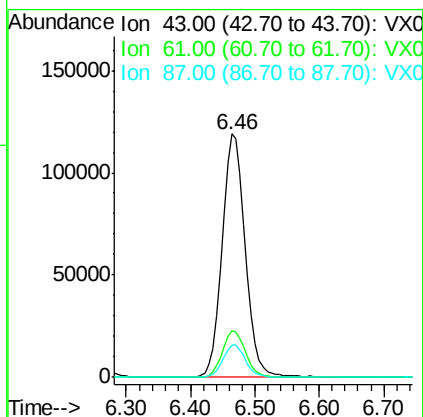
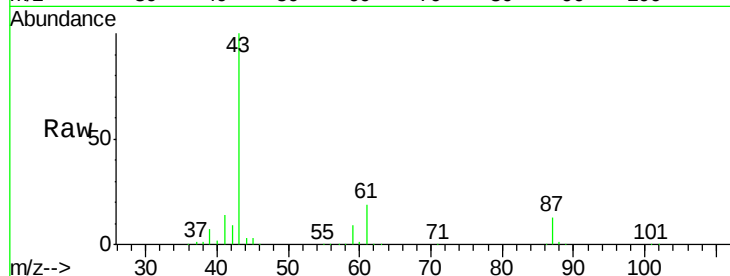


#43

Isopropyl Acetate
 Concen: 45.89 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX001001.D
 Acq: 20 Apr 2018 11:18

Instrument :
 MSVOA_X
 ClientSampleId :

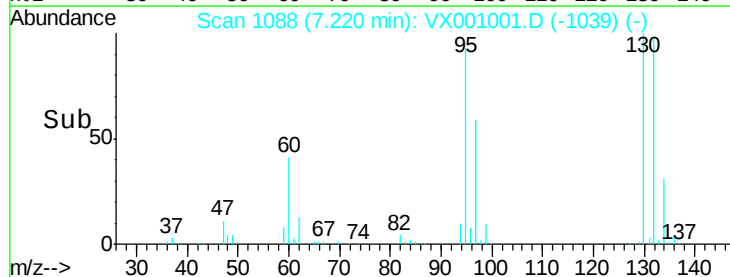
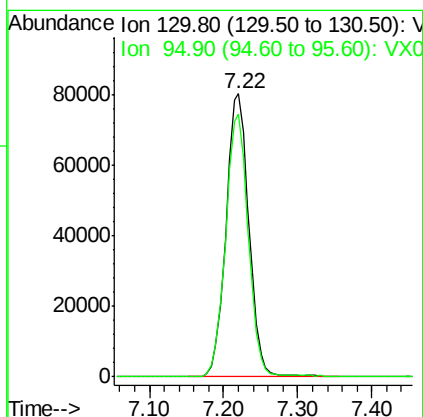
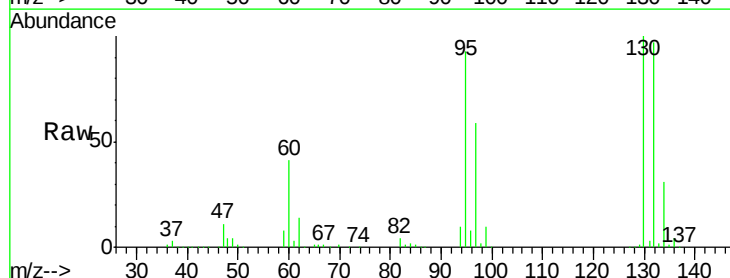
Tot Ion: 43 Resp: 302564
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.4 23.2
 87 13.1 10.6 15.8

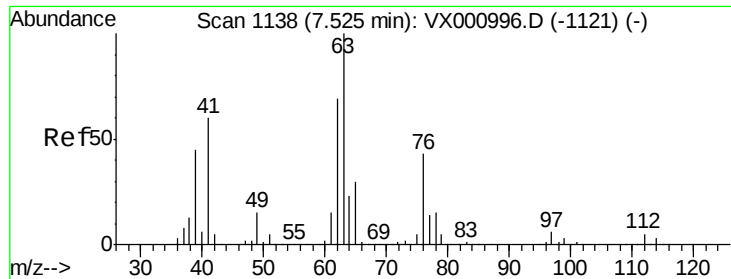


#44

Trichloroethene
 Concen: 48.49 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001001.D
 Acq: 20 Apr 2018 11:18

Tgt Ion:130 Resp: 172521
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 184.2





#45

1,2-Dichloropropane

Concen: 48.65 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

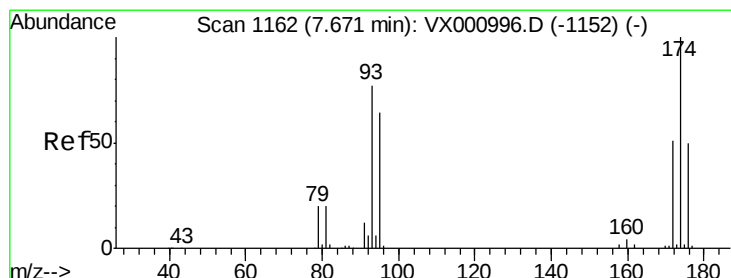
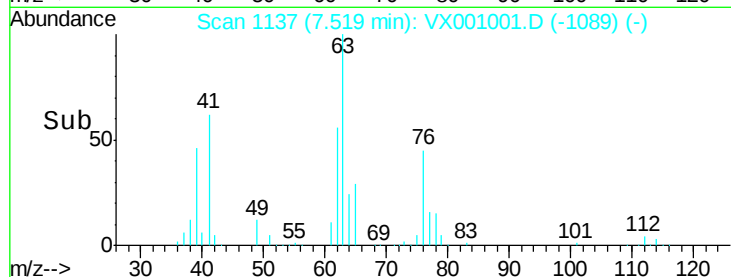
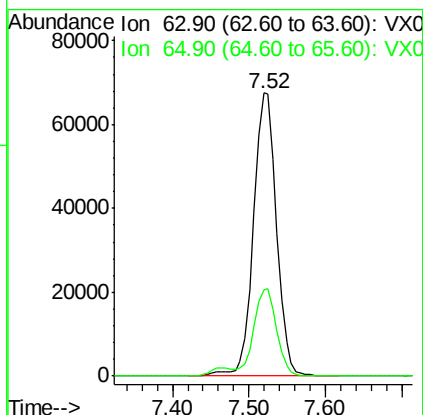
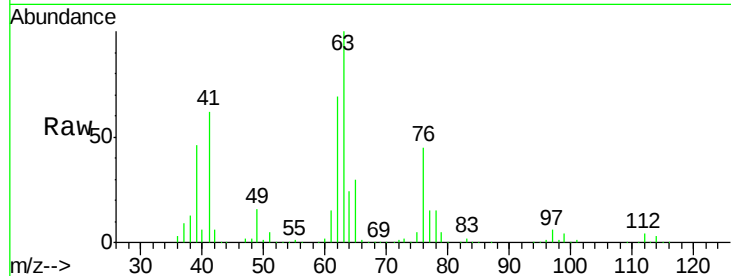
ClientSampleId :

Tot Ion: 63 Resp: 142468

Ion Ratio Lower Upper

63 100

65 30.5 24.4 36.6



#46

Dibromomethane

Concen: 47.74 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

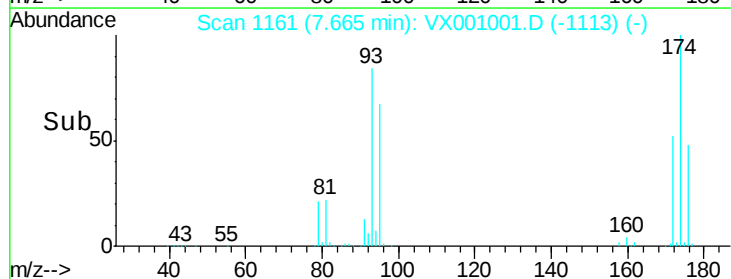
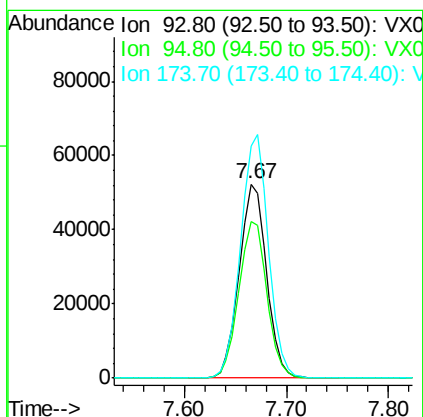
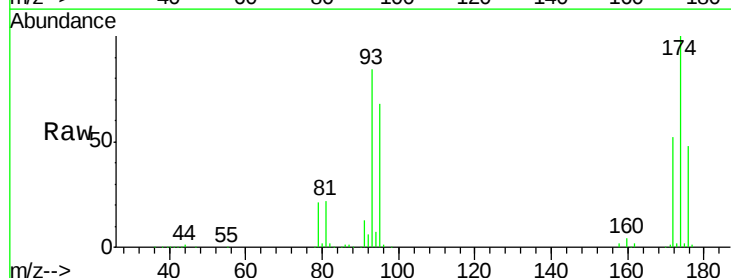
Tgt Ion: 93 Resp: 97676

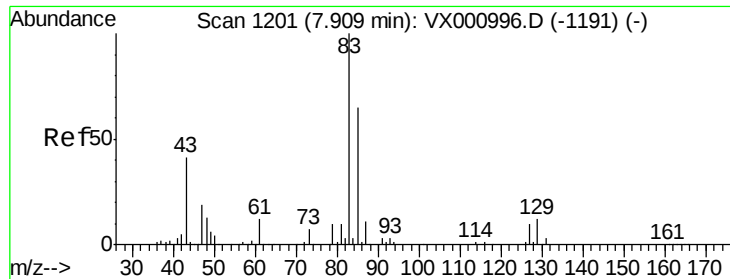
Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

174 127.0 101.8 152.6





#47

Bromodichloromethane

Concen: 50.47 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

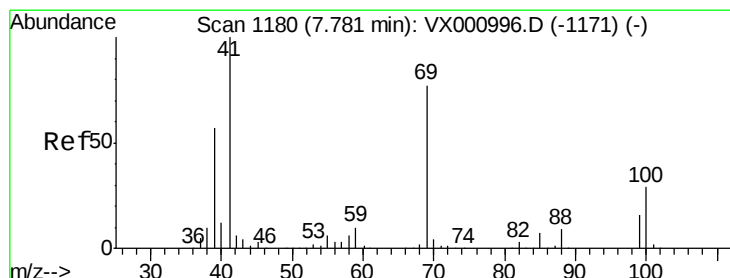
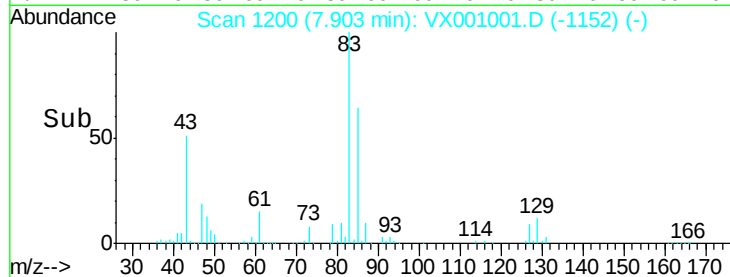
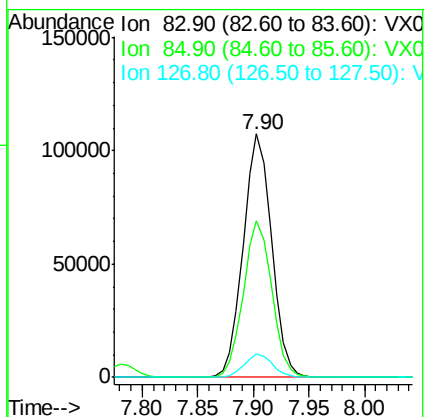
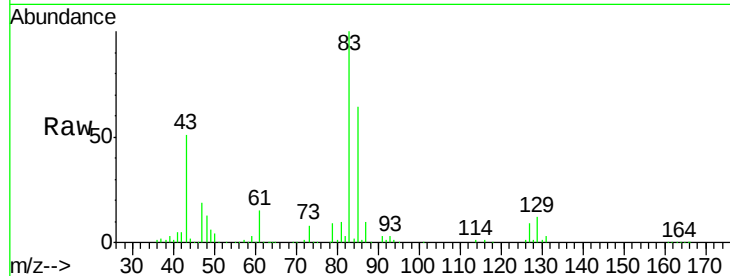
Tot Ion: 83 Resp: 191320

Ion Ratio Lower Upper

83 100

85 64.2 52.3 78.5

127 9.4 7.8 11.6



#48

Methyl methacrylate

Concen: 45.31 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

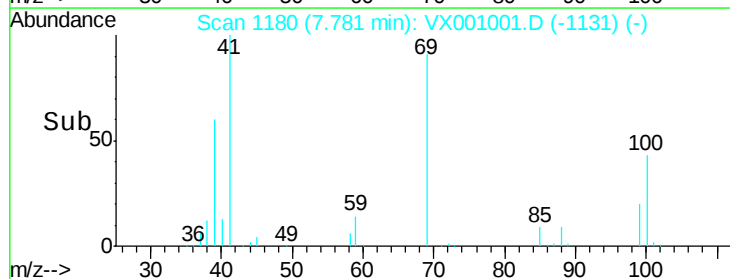
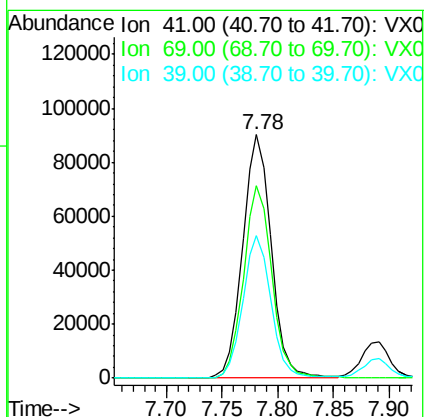
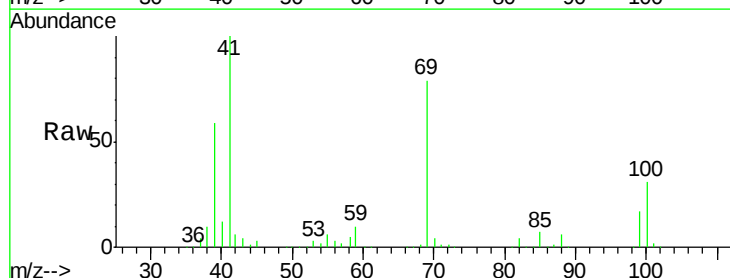
Tgt Ion: 41 Resp: 160831

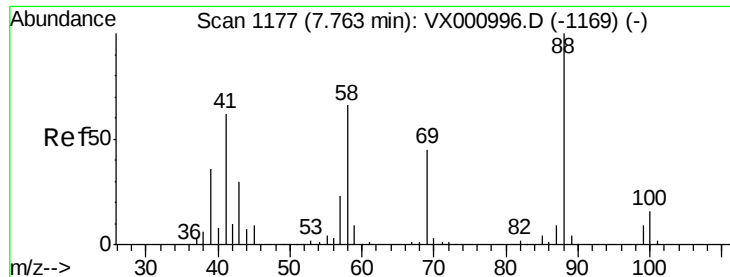
Ion Ratio Lower Upper

41 100

69 78.9 62.6 94.0

39 57.6 45.3 67.9

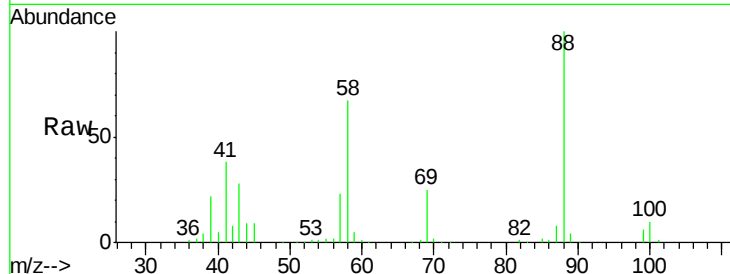




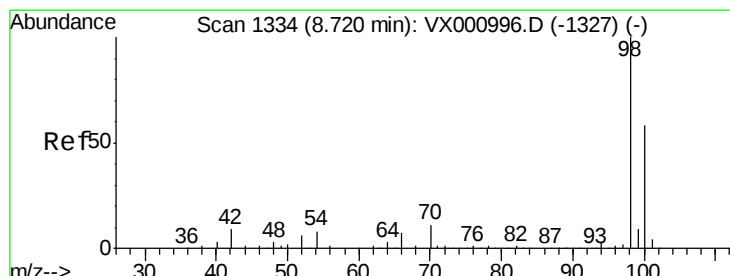
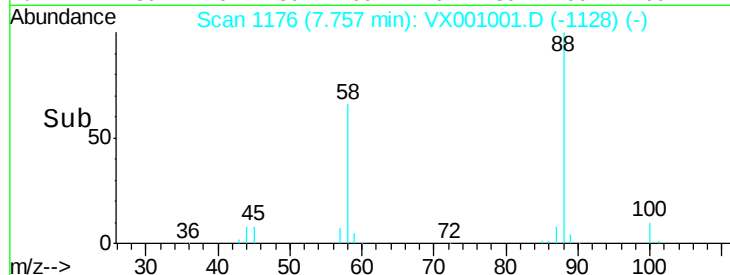
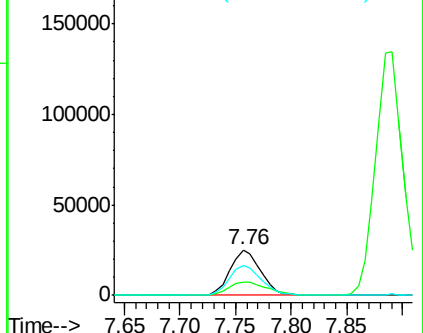
#49
1,4-Dioxane
Concen: 907.44 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 47369
Ion Ratio Lower Upper
88 100
43 37.0 29.2 43.8
58 69.2 55.0 82.6

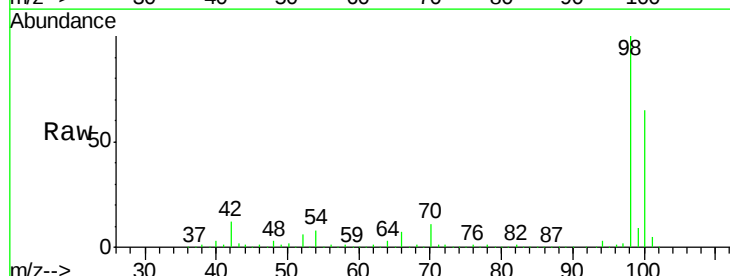


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

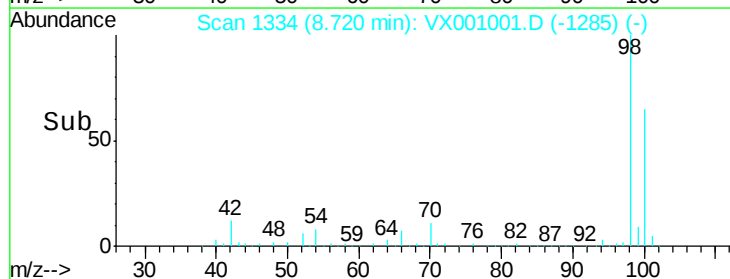
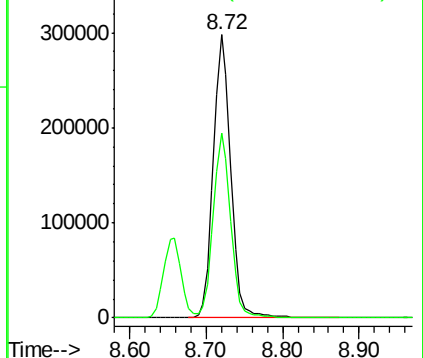


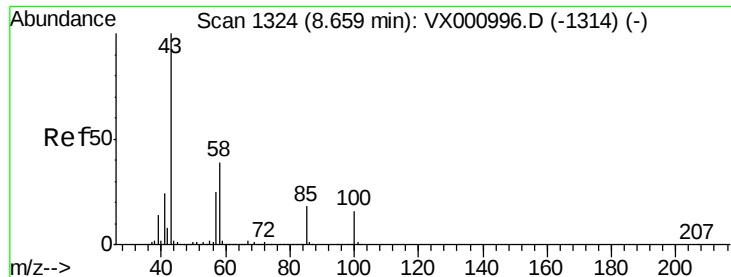
#50
Toluene-d8
Concen: 46.86 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion: 98 Resp: 470977
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



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

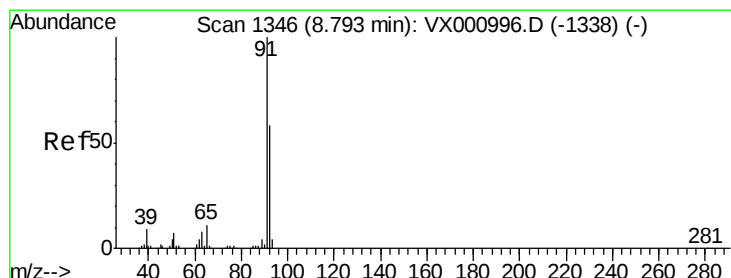
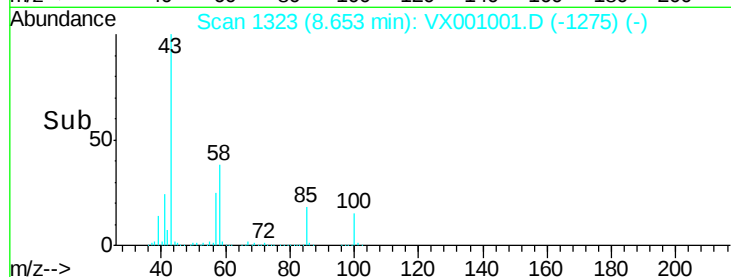
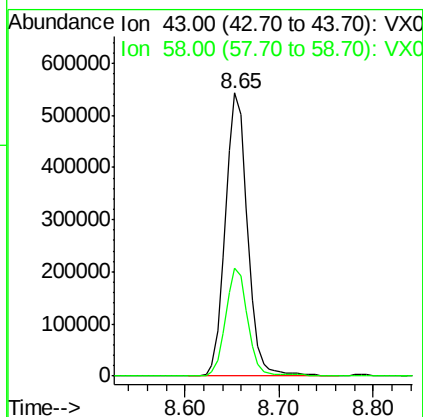
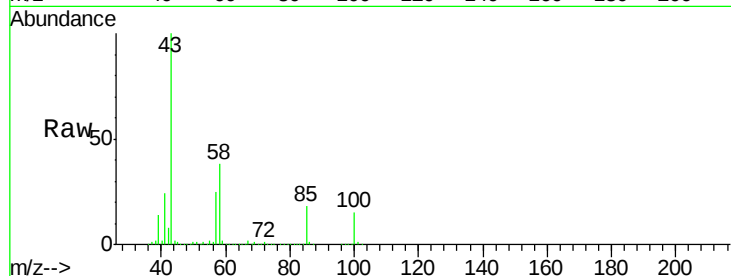




#51
 4-Methyl-2-Pentanone
 Concen: 221.89 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX001001.D
 Acq: 20 Apr 2018 11:18

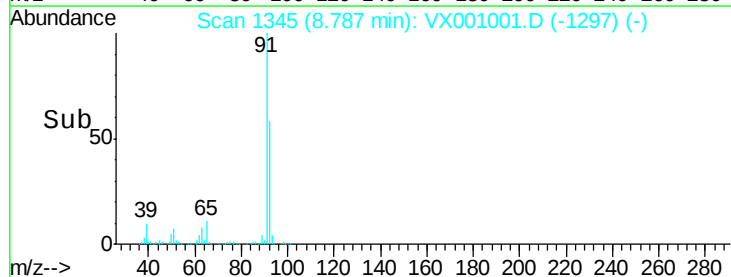
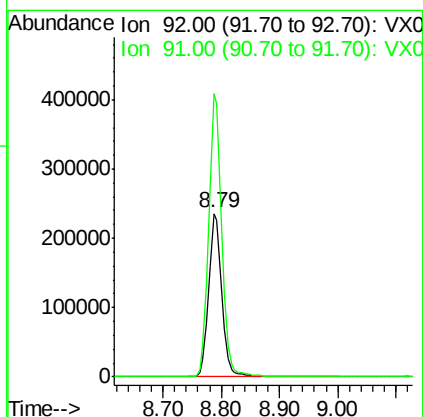
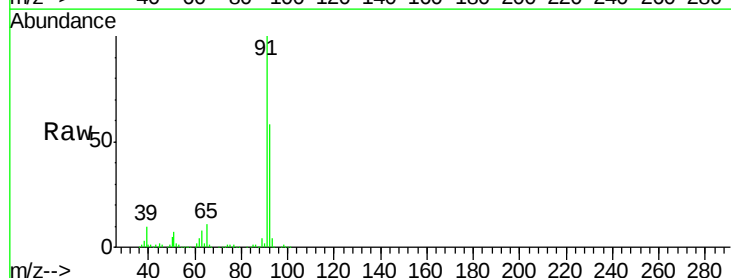
Instrument :
 MSVOA_X
 ClientSampleId :

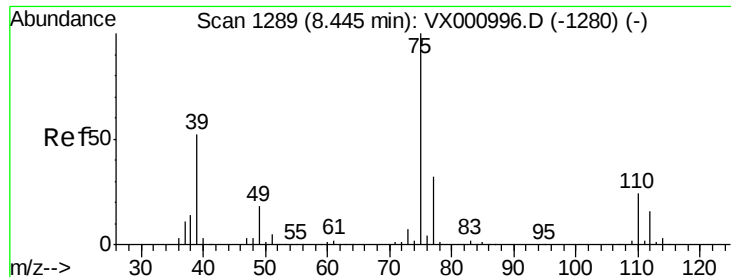
Tot Ion: 43 Resp: 888180
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.2 45.4



#52
 Toluene
 Concen: 48.67 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001001.D
 Acq: 20 Apr 2018 11:18

Tgt Ion: 92 Resp: 369988
 Ion Ratio Lower Upper
 92 100
 91 173.2 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 51.79 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

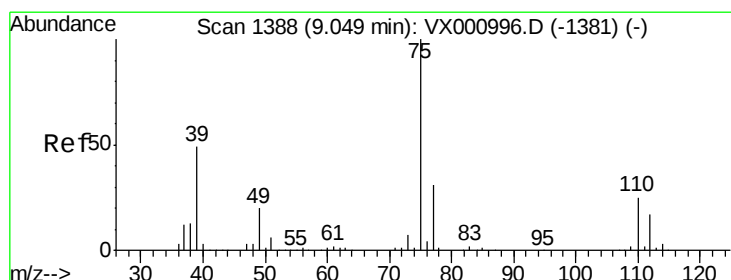
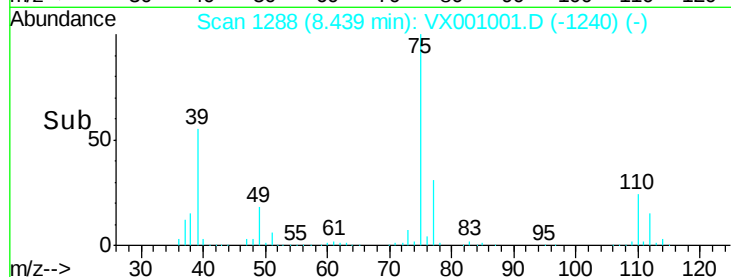
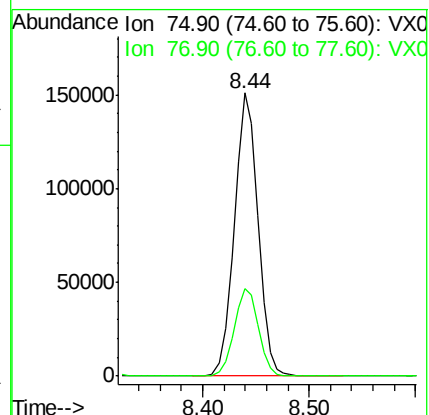
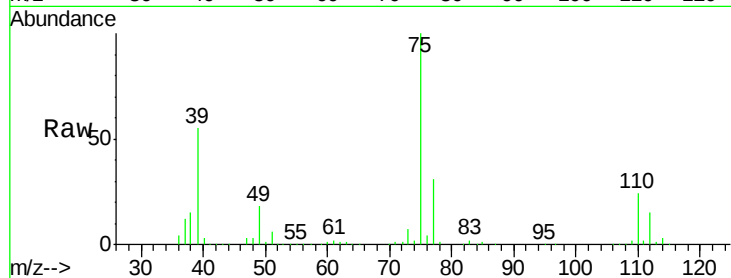
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 234769

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 52.85 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

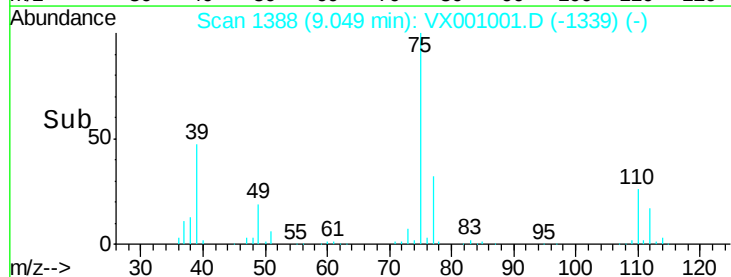
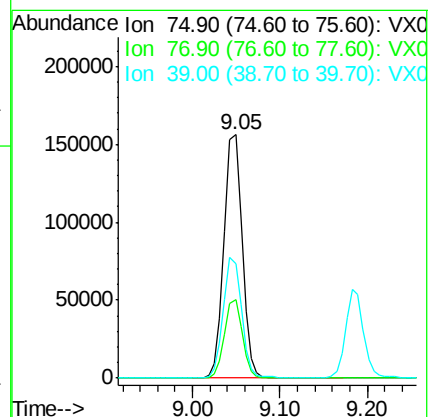
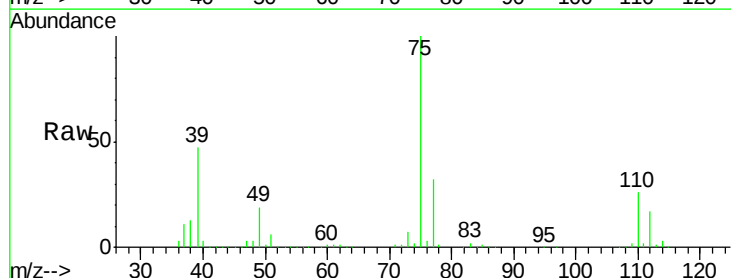
Tgt Ion: 75 Resp: 225911

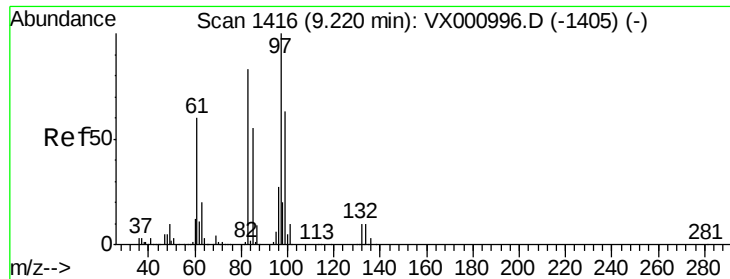
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

39 47.1 39.2 58.8

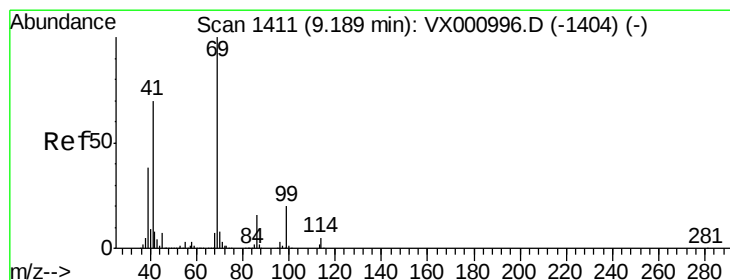
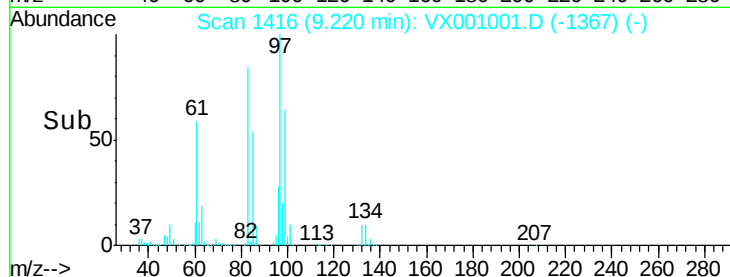
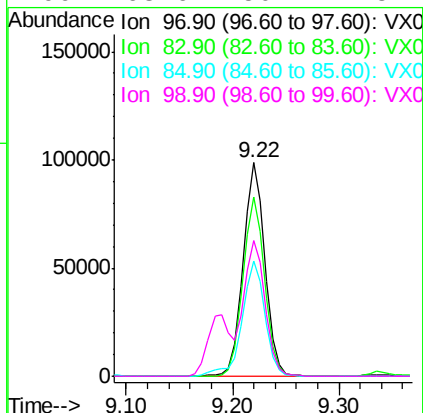
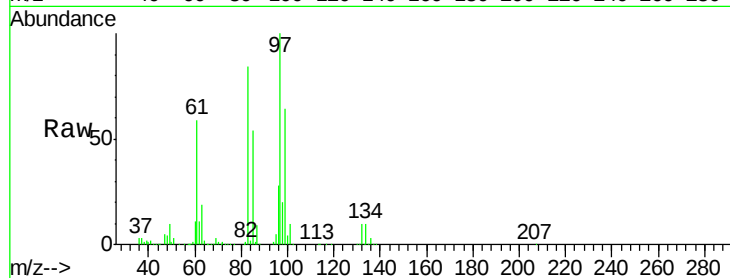




#55
 1,1,2-Trichloroethane
 Concen: 47.01 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001001.D
 Acq: 20 Apr 2018 11:18

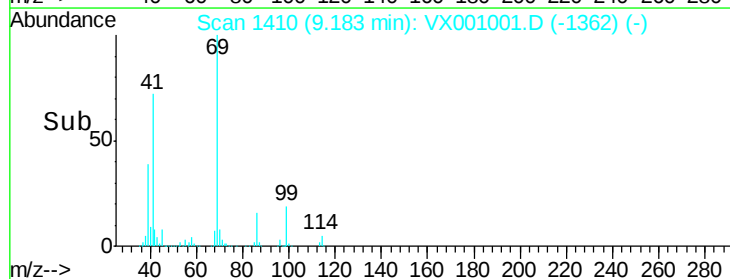
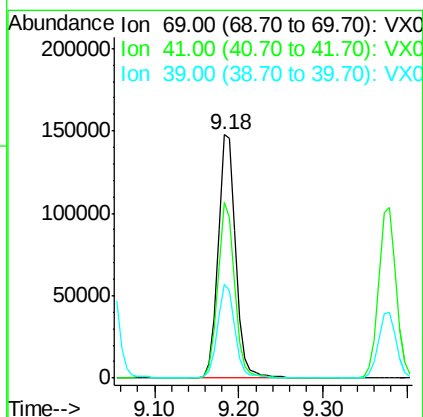
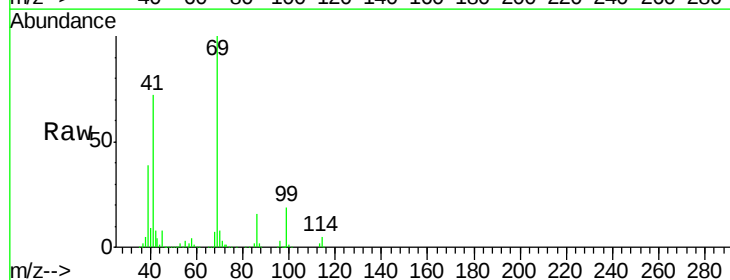
Instrument :
 MSVOA_X
 ClientSampleId :

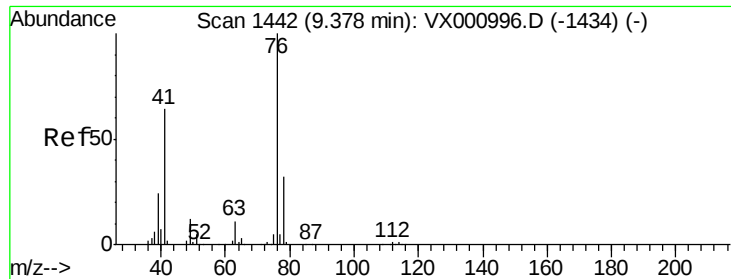
Tot Ion:	97	Resp:	142037
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.2	99.4
85	54.2	44.2	66.4
99	63.6	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 48.25 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001001.D
 Acq: 20 Apr 2018 11:18

Tgt Ion:	69	Resp:	214125
Ion	Ratio	Lower	Upper
69	100		
41	69.5	56.3	84.5
39	38.0	30.4	45.6





#57

1,3-Dichloropropane

Concen: 47.17 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

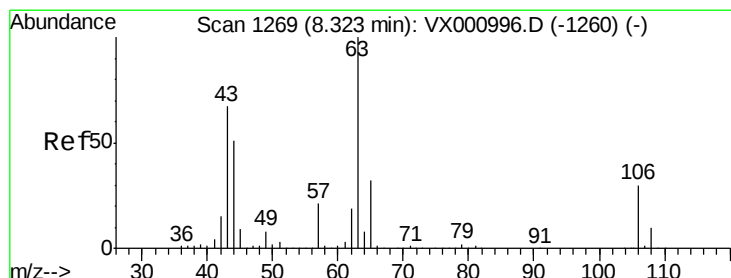
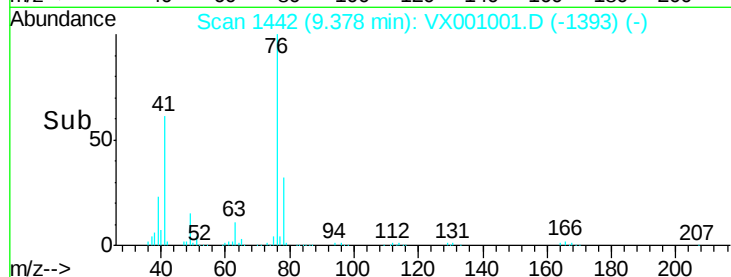
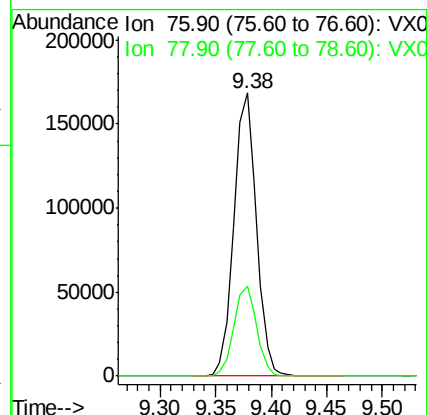
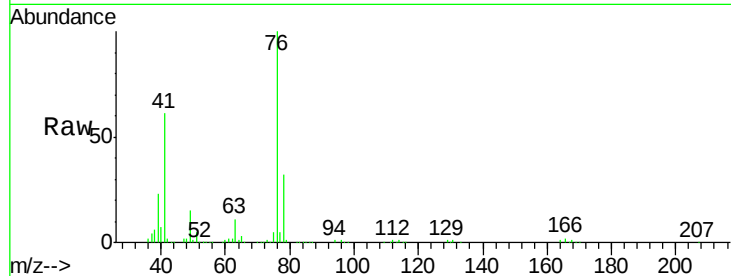
ClientSampled :

Tot Ion: 76 Resp: 236089

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 242.00 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001001.D

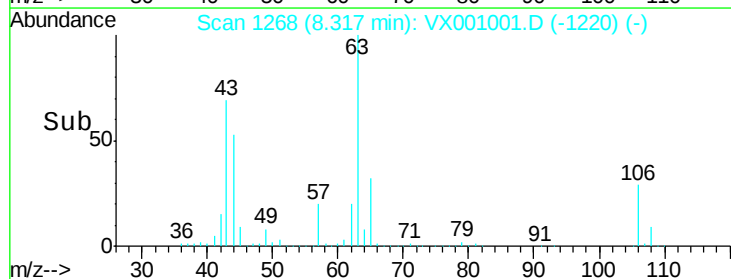
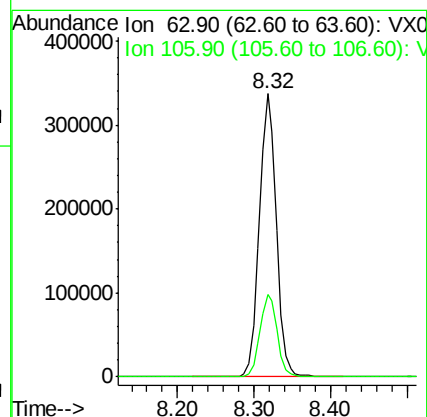
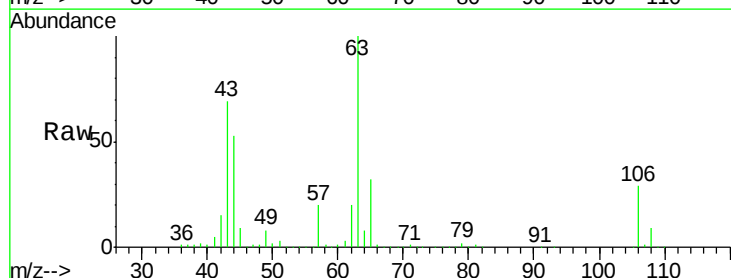
Acq: 20 Apr 2018 11:18

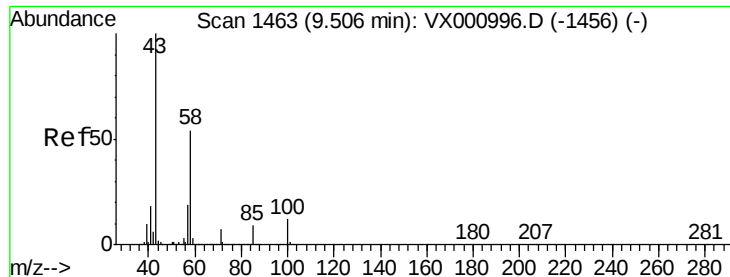
Tgt Ion: 63 Resp: 524118

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.6

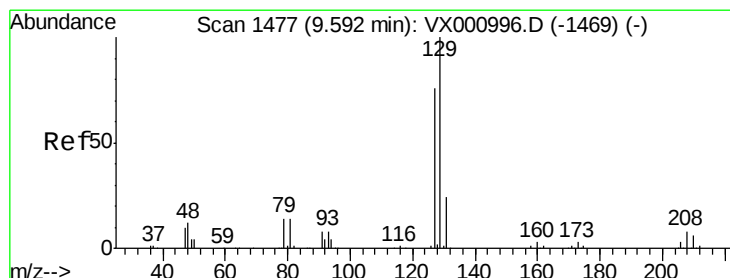
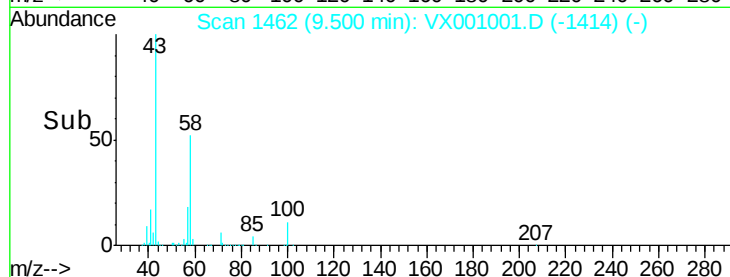
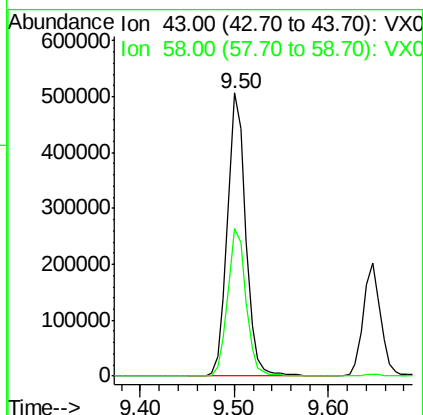
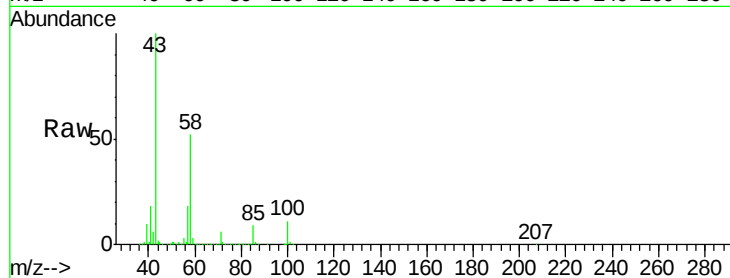




#59
2-Hexanone
Concen: 223.86 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

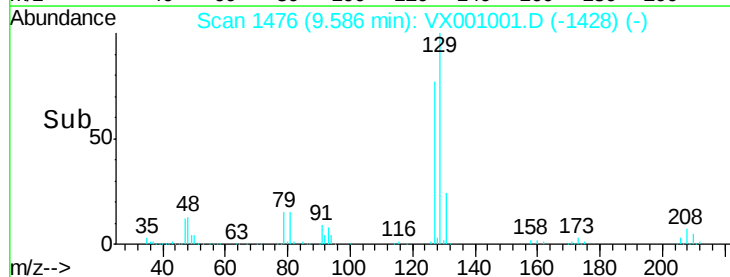
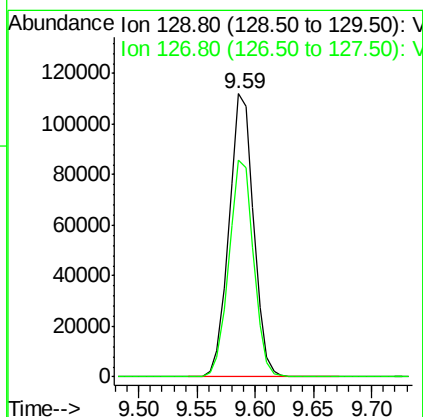
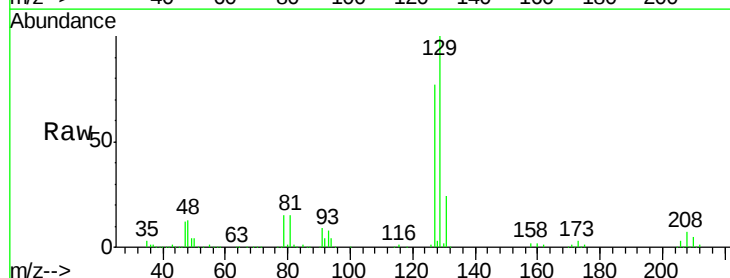
Instrument :
MSVOA_X
ClientSampled :

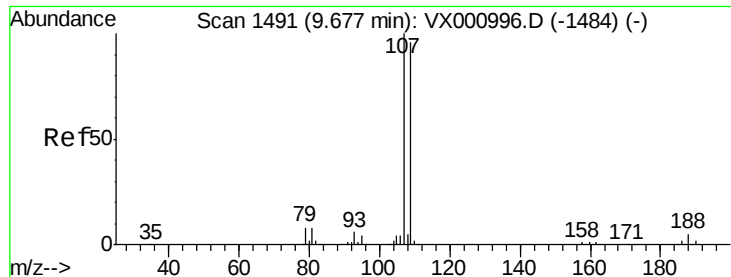
Tot Ion: 43 Resp: 685869
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9



#60
Dibromochloromethane
Concen: 51.77 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion: 129 Resp: 164278
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 47.59 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

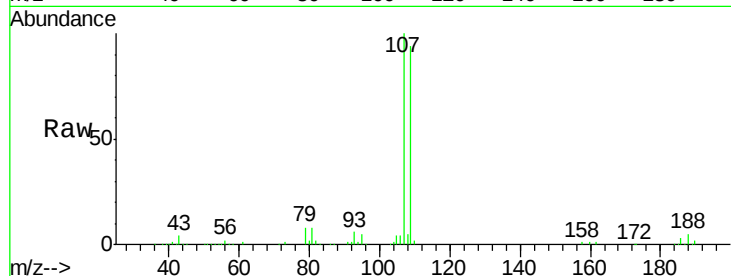
ClientSampleId :

Tot Ion:107 Resp: 151751

Ion Ratio Lower Upper

107 100

109 95.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

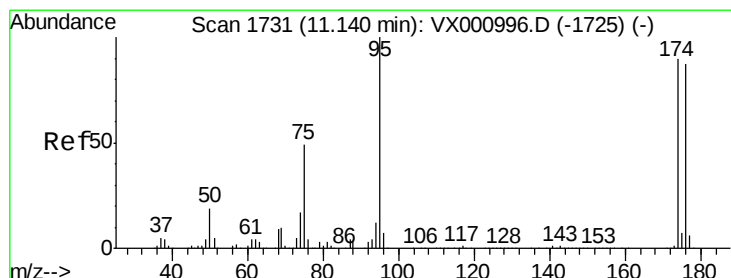
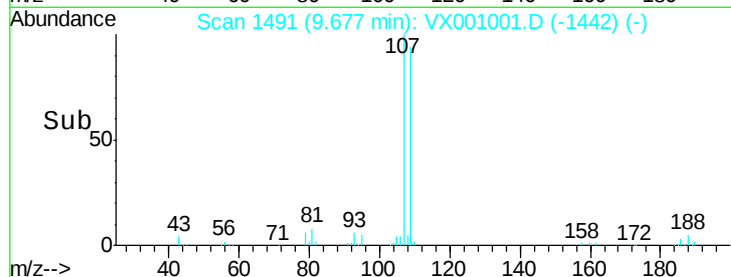
60000

40000

20000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

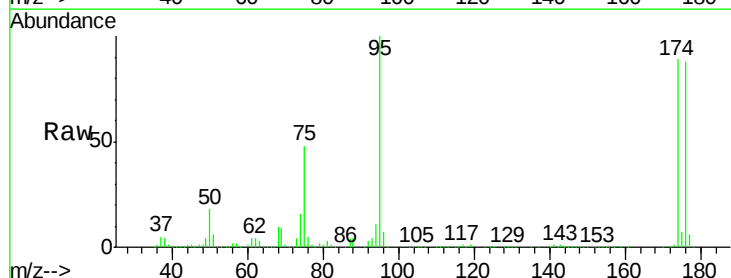
Tgt Ion: 95 Resp: 198313

Ion Ratio Lower Upper

95 100

174 97.5 0.0 198.4

176 95.1 0.0 192.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

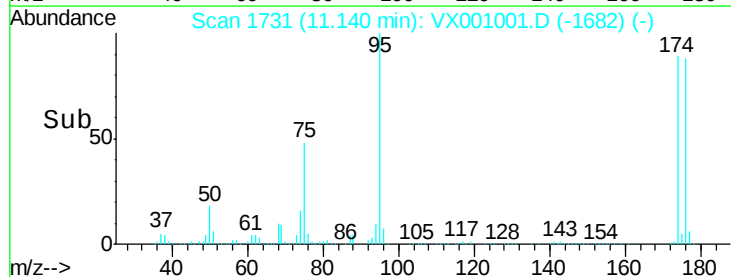
150000

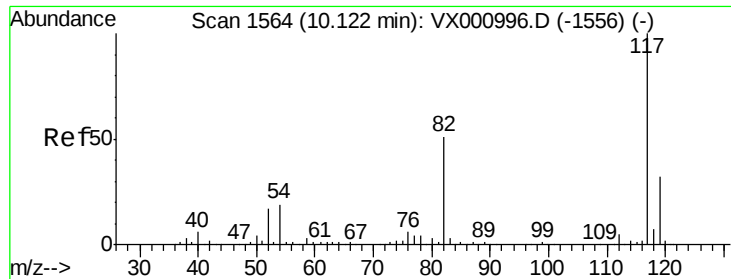
100000

50000

0

Time--> 11.10 11.20

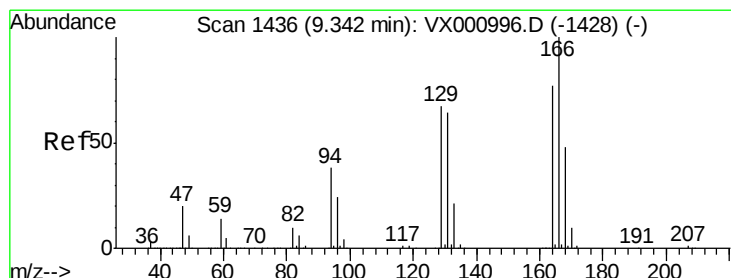
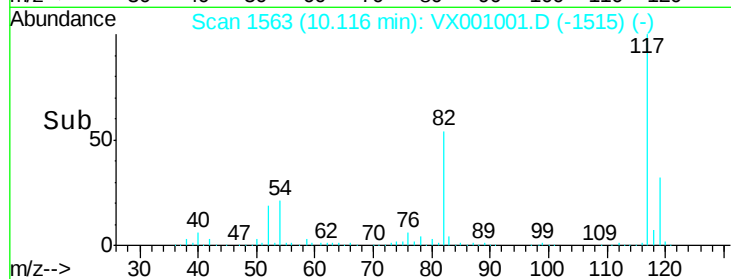
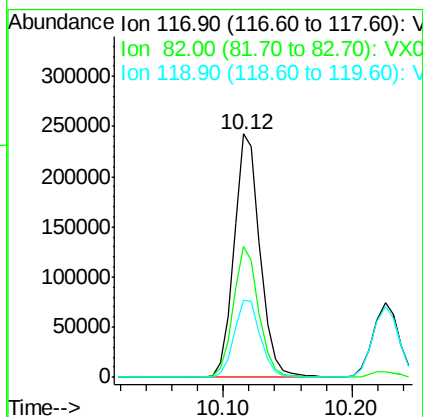
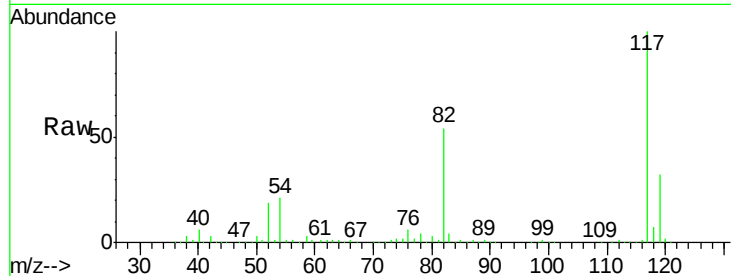




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

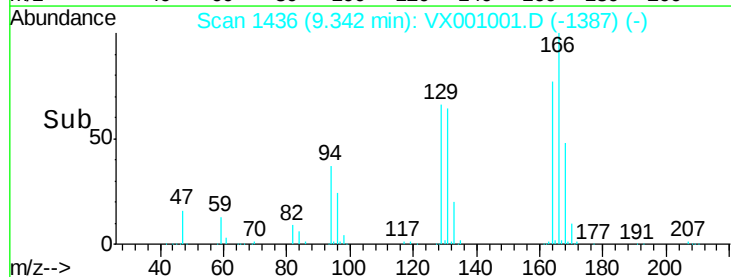
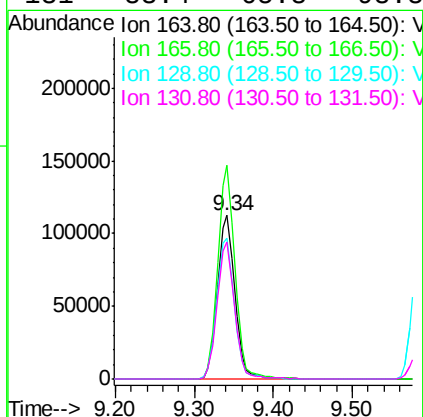
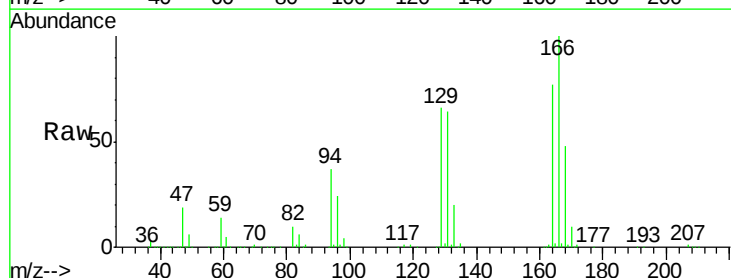
Instrument :
MSVOA_X
ClientSampleId :

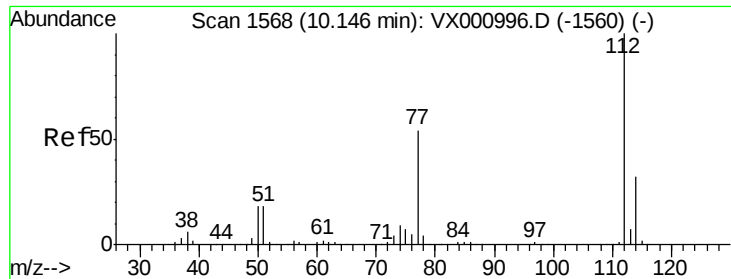
Tot Ion:117 Resp: 339750
Ion Ratio Lower Upper
117 100
82 53.7 40.6 60.8
119 31.7 26.0 39.0



#64
Tetrachloroethene
Concen: 48.44 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion:164 Resp: 174779
Ion Ratio Lower Upper
164 100
166 130.4 103.5 155.3
129 85.7 69.6 104.4
131 83.4 65.8 98.8

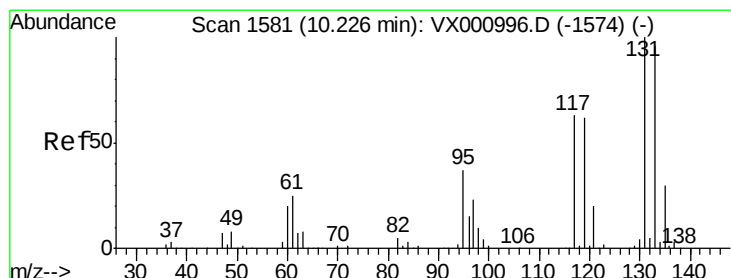
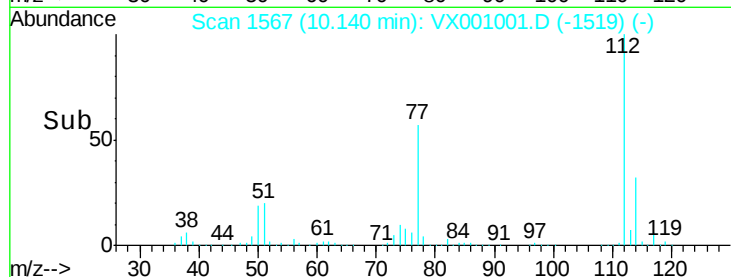
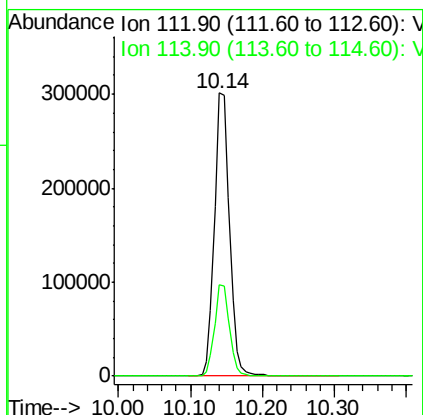
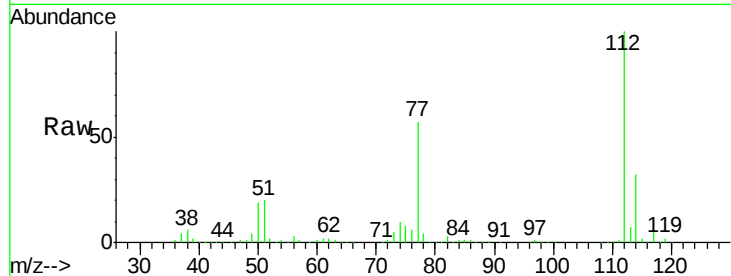




#65
Chlorobenzene
Concen: 48.27 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

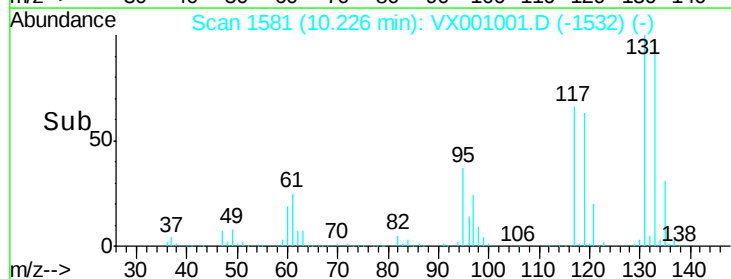
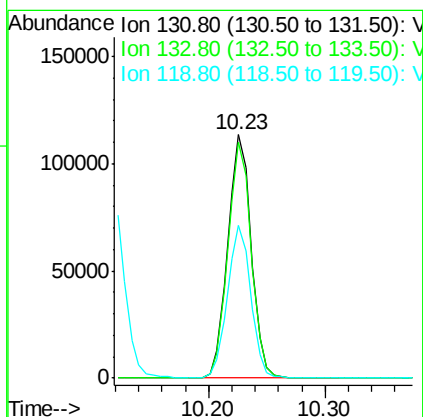
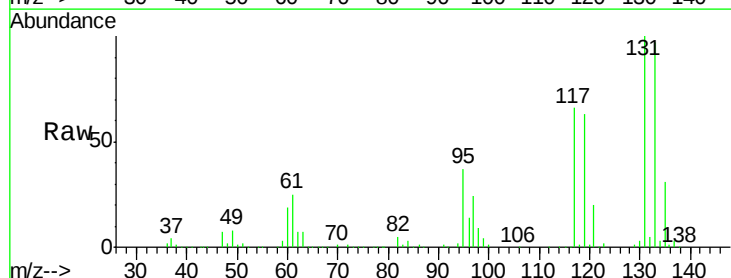
Instrument :
MSVOA_X
ClientSampleId :

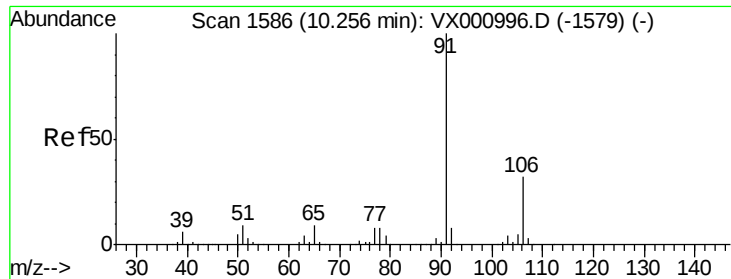
Tot Ion:112 Resp: 436685
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.13 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion:131 Resp: 158769
Ion Ratio Lower Upper
131 100
133 96.6 47.6 142.8
119 62.6 31.1 93.2

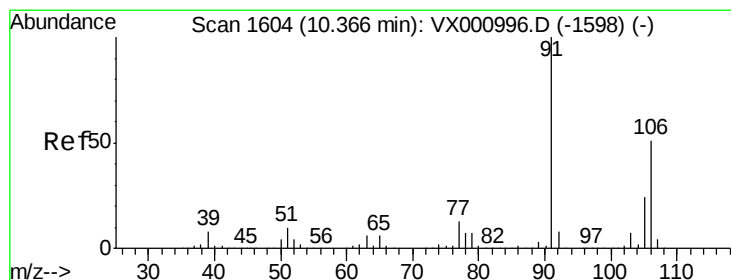
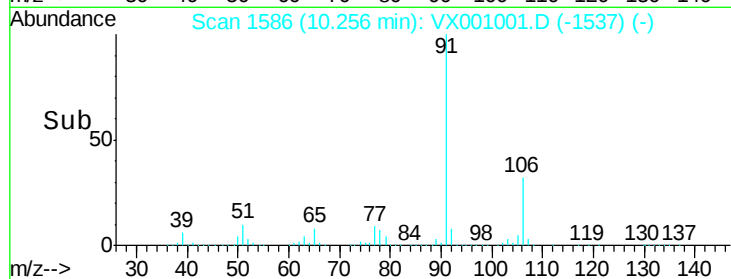
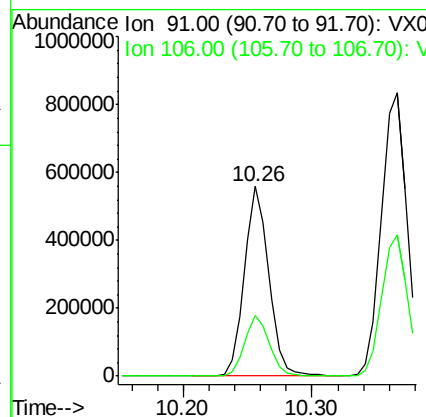
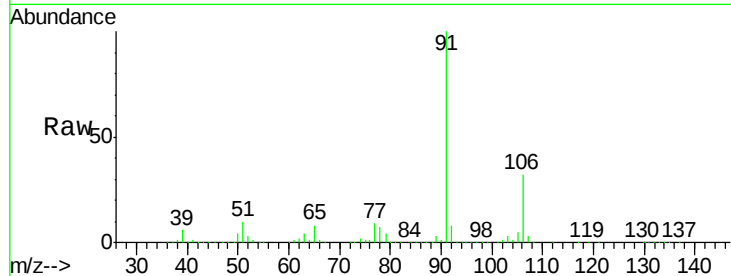




#67
Ethyl Benzene
Concen: 48.93 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

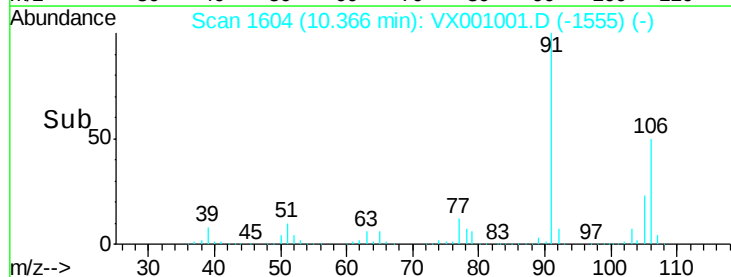
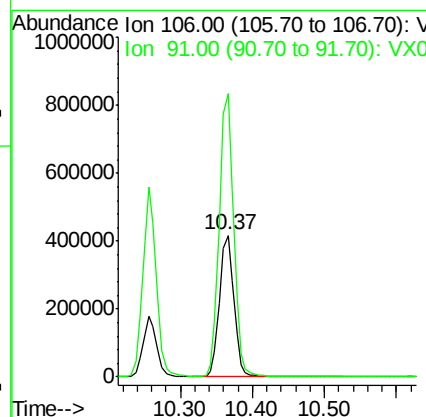
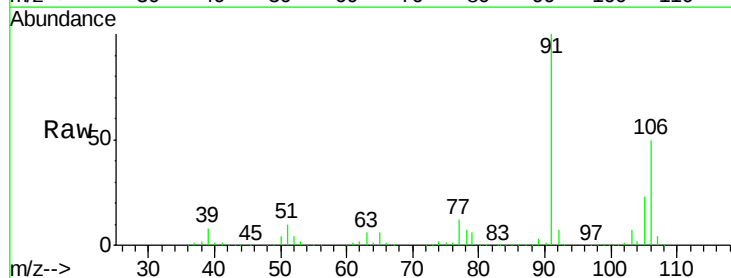
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 735120
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5



#68
m/p-Xylenes
Concen: 98.10 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion: 106 Resp: 580847
Ion Ratio Lower Upper
106 100
91 200.1 159.3 238.9

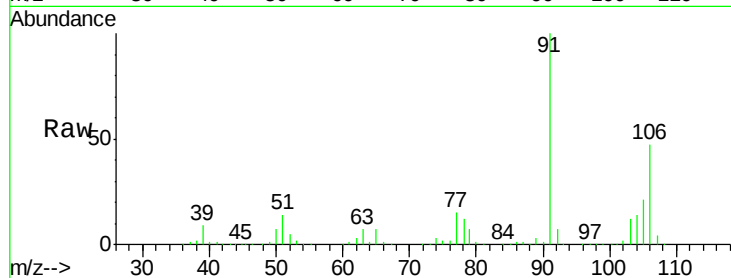




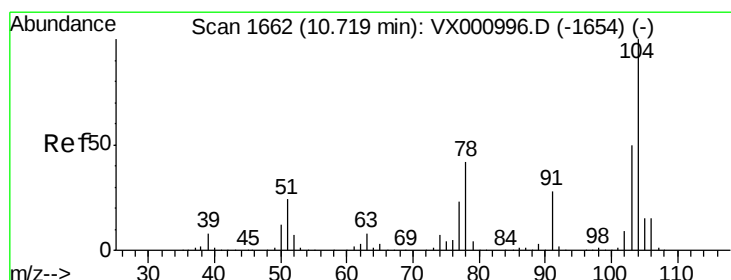
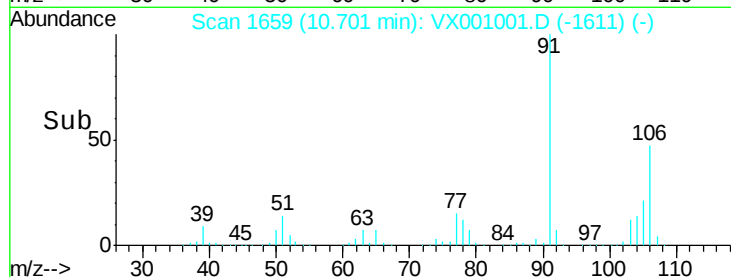
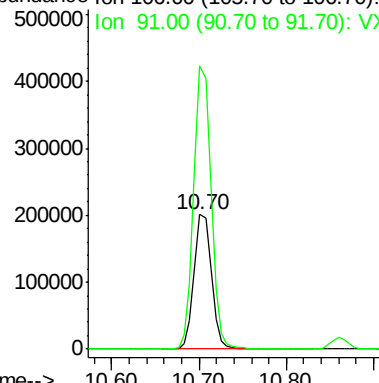
#69
o-Xylene
Concen: 48.83 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 278720
Ion Ratio Lower Upper
106 100
91 209.7 105.1 315.1

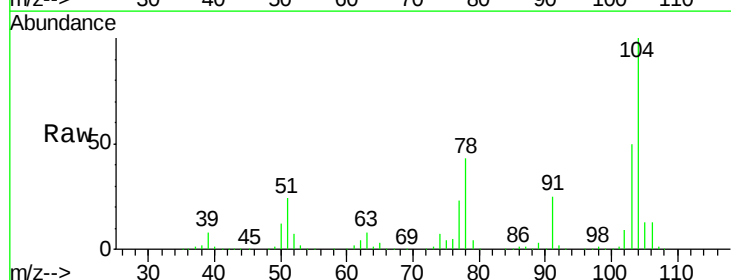


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

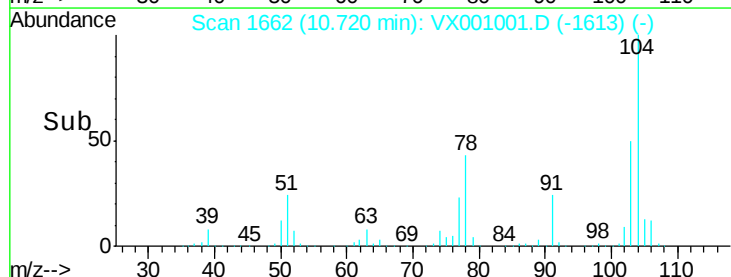
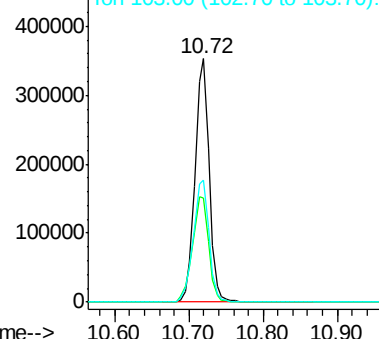


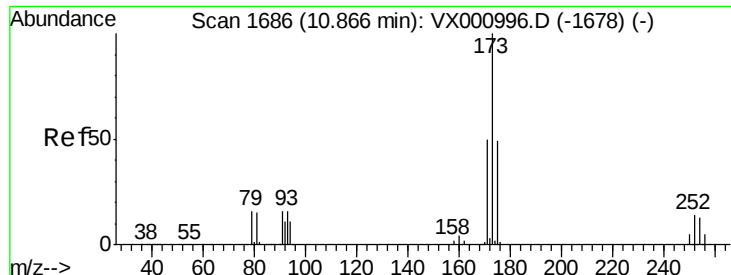
#70
Styrene
Concen: 49.39 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion:104 Resp: 464297
Ion Ratio Lower Upper
104 100
78 49.4 39.4 59.2
103 55.9 44.2 66.2



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

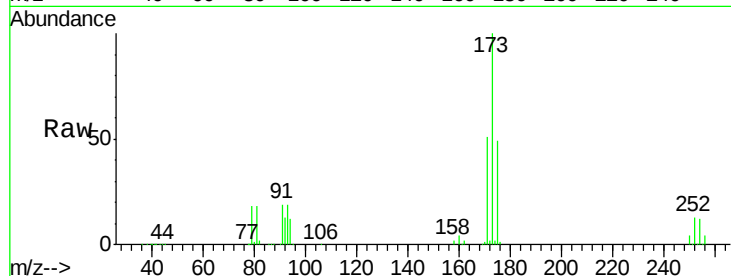




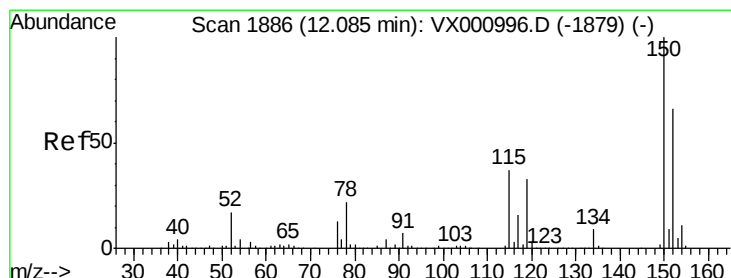
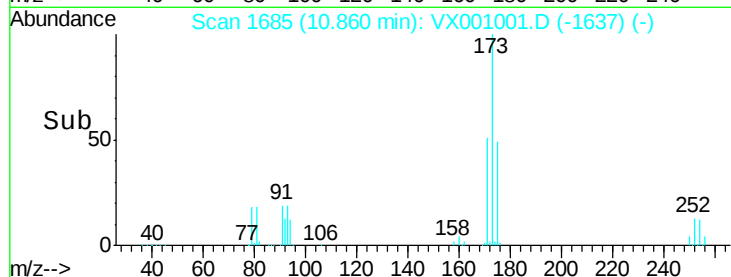
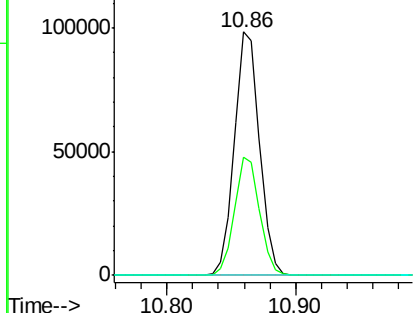
#71
Bromoform
Concen: 46.42 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 133603
Ion Ratio Lower Upper
173 100
175 48.4 24.8 74.3
254 0.2 0.2 0.2

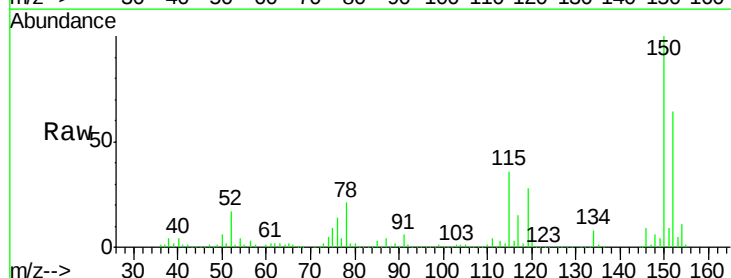


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

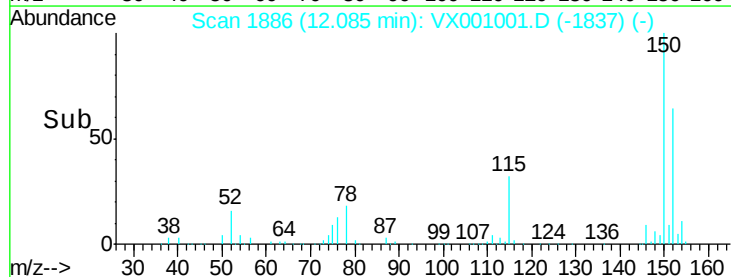
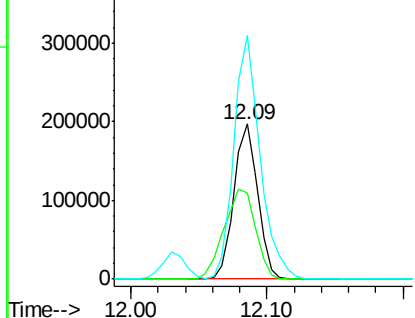


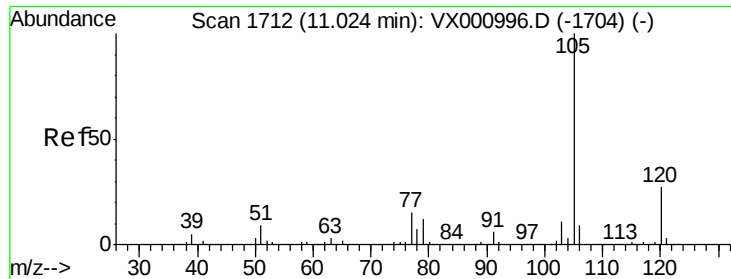
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001001.D
Acq: 20 Apr 2018 11:18

Tgt Ion:152 Resp: 239945
Ion Ratio Lower Upper
152 100
115 76.6 38.2 114.6
150 173.3 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.45 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

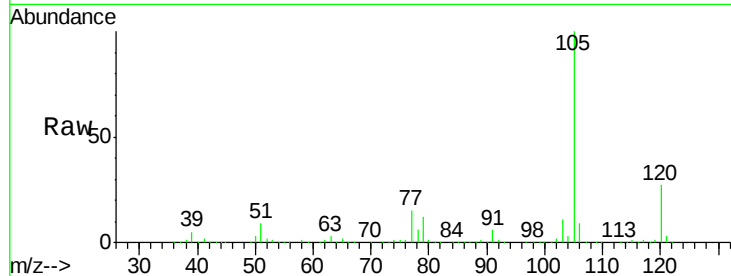
ClientSampleId :

Tot Ion:105 Resp: 760076

Ion Ratio Lower Upper

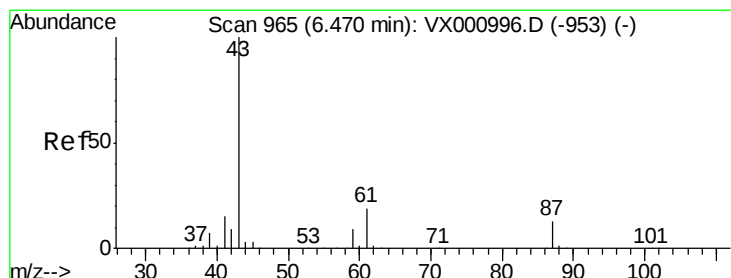
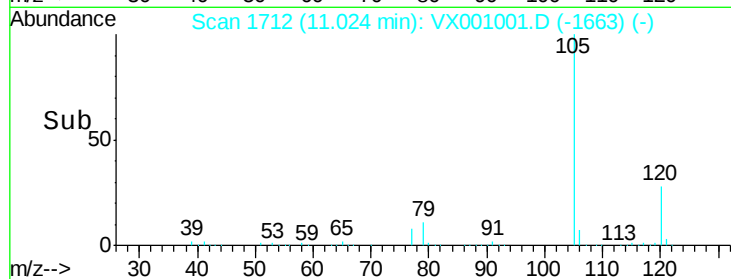
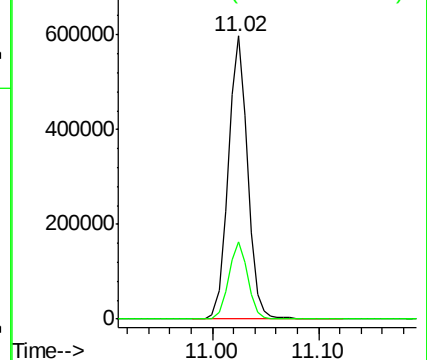
105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.09 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Tgt Ion: 43 Resp: 302564

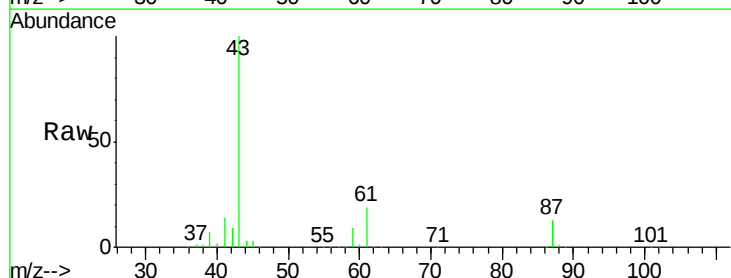
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.0 15.4 23.2

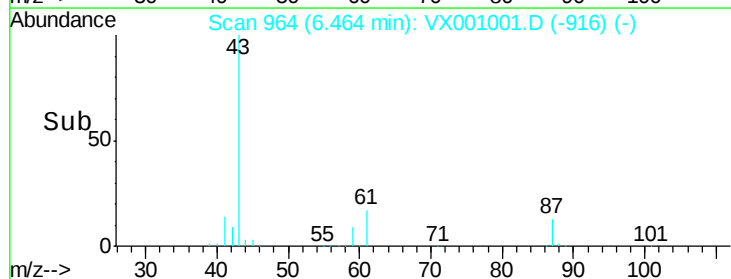
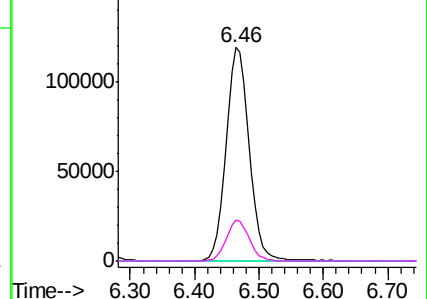


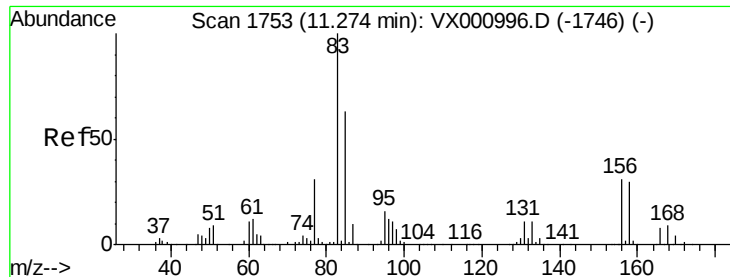
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

ClientSampled :

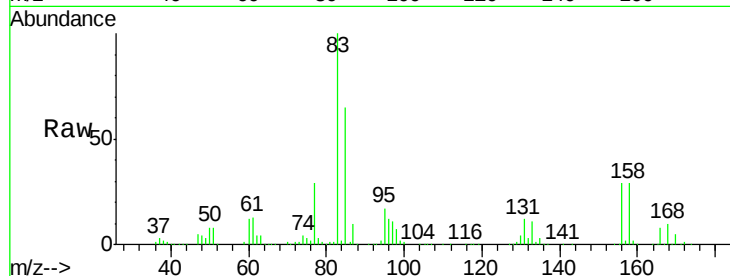
Tot Ion: 83 Resp: 202796

Ion Ratio Lower Upper

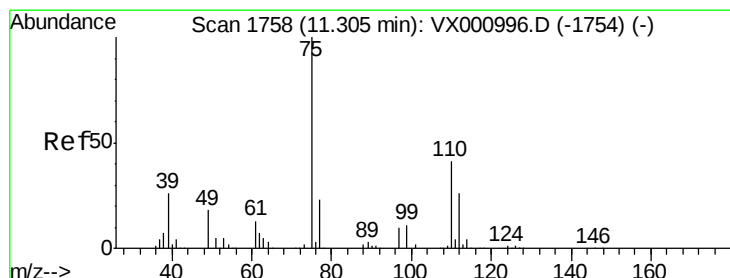
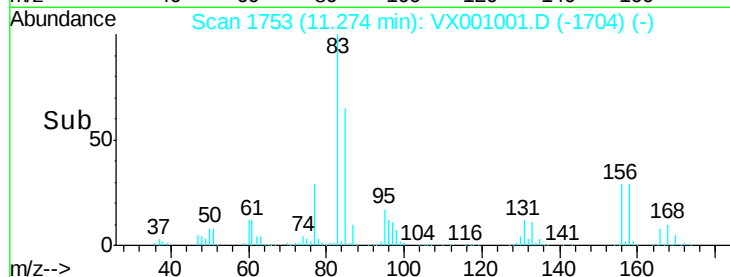
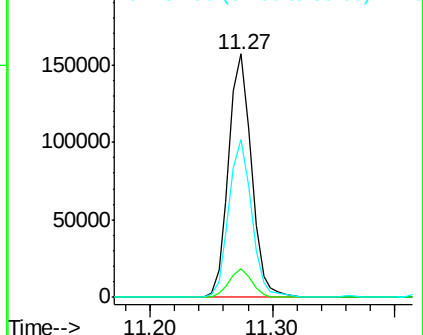
83 100

131 11.6 5.8 17.4

85 64.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.21 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001001.D

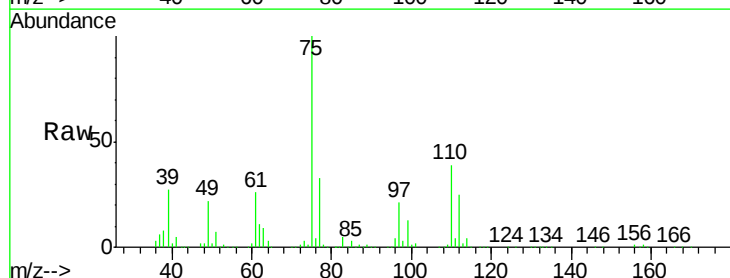
Acq: 20 Apr 2018 11:18

Tgt Ion: 75 Resp: 234006

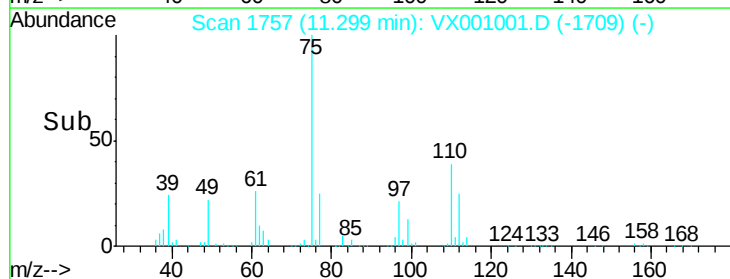
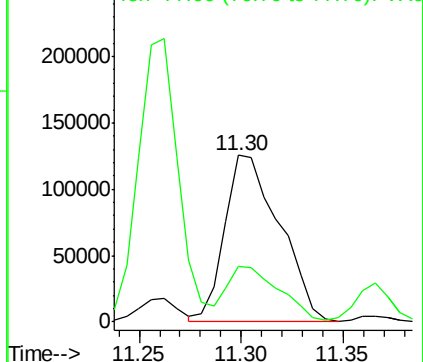
Ion Ratio Lower Upper

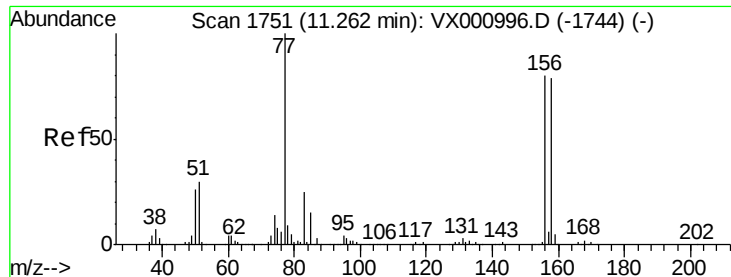
75 100

77 31.6 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: 47.38 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

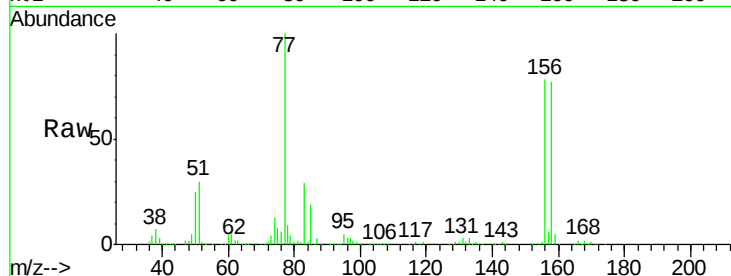
Tot Ion:156 Resp: 215755

Ion Ratio Lower Upper

156 100

77 134.7 66.3 199.0

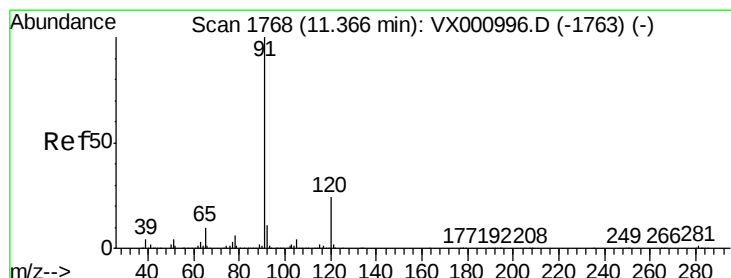
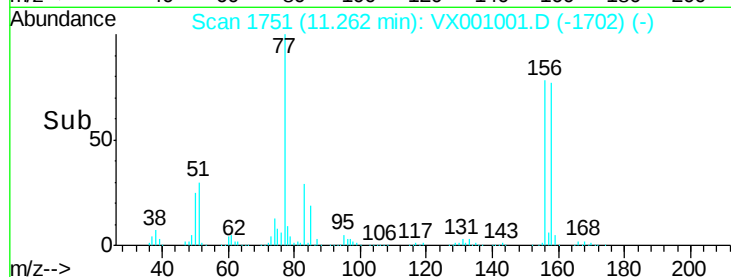
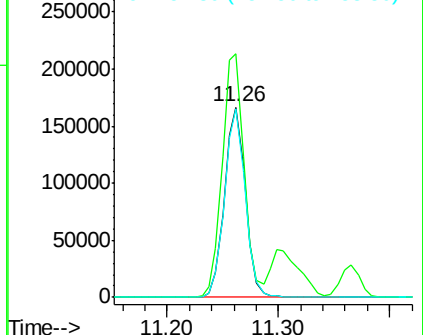
158 98.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.96 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001001.D

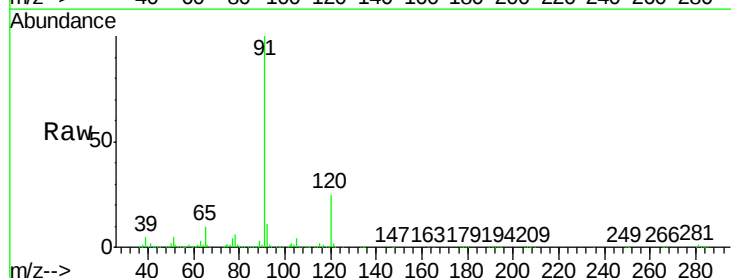
Acq: 20 Apr 2018 11:18

Tgt Ion: 91 Resp: 881623

Ion Ratio Lower Upper

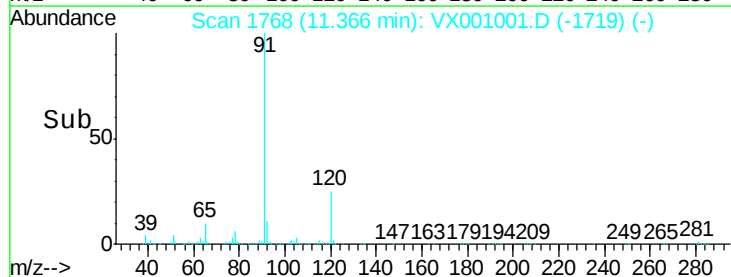
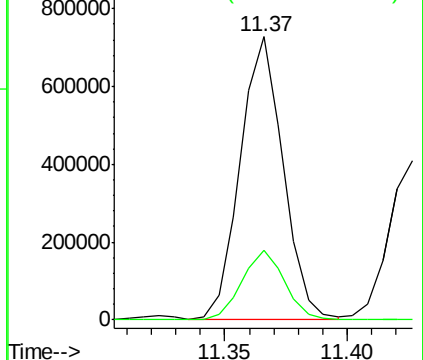
91 100

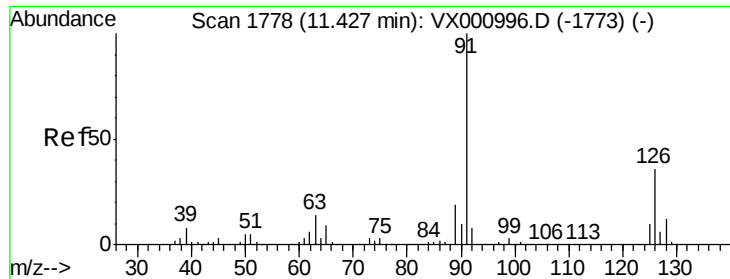
120 24.8 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.97 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

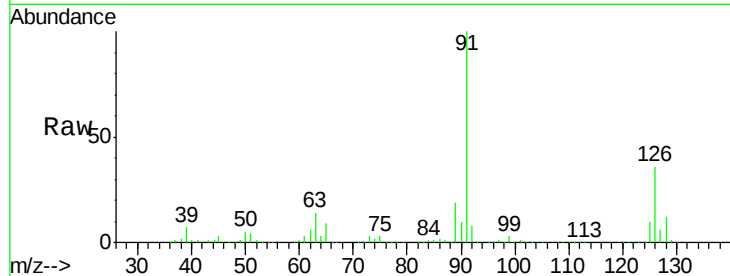
ClientSampled :

Tot Ion: 91 Resp: 510436

Ion Ratio Lower Upper

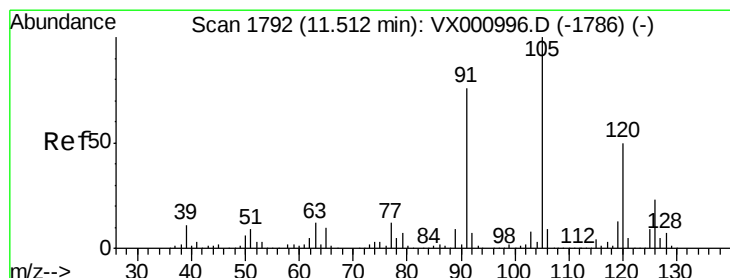
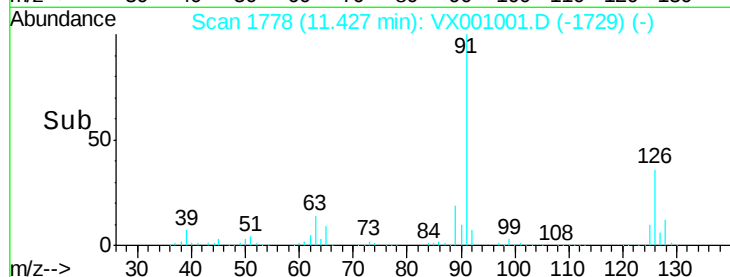
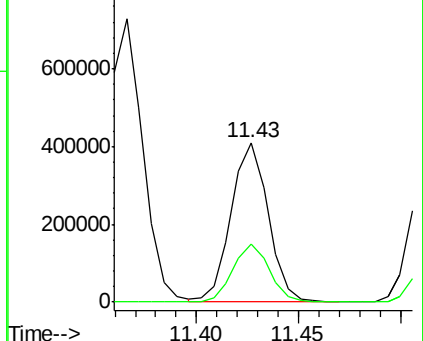
91 100

126 36.4 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.95 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001001.D

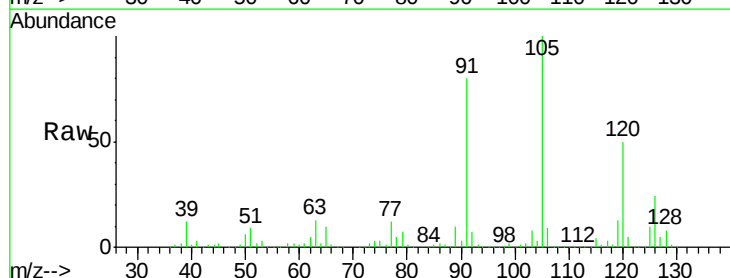
Acq: 20 Apr 2018 11:18

Tgt Ion:105 Resp: 650883

Ion Ratio Lower Upper

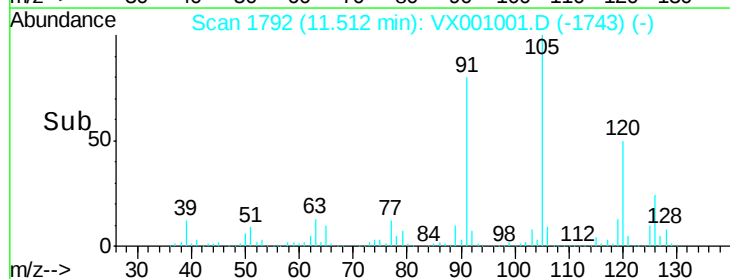
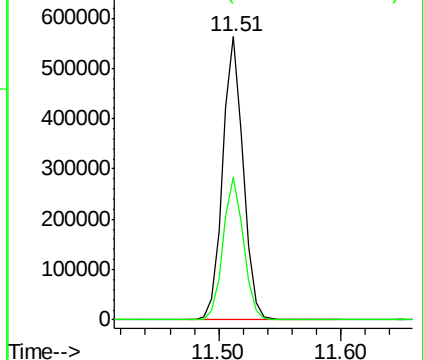
105 100

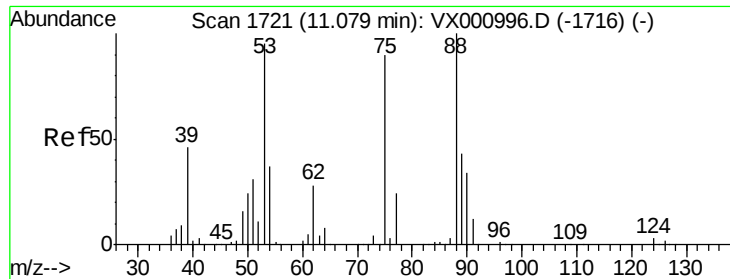
120 50.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.07 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

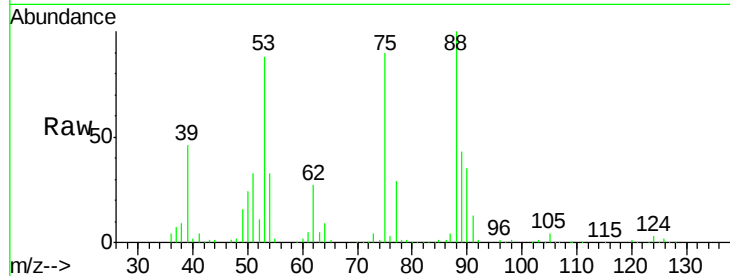
Tot Ion: 75 Resp: 60677

Ion Ratio Lower Upper

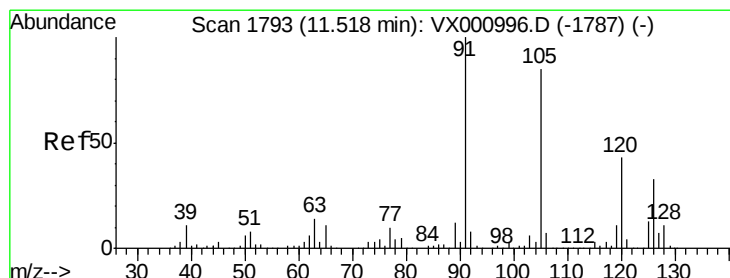
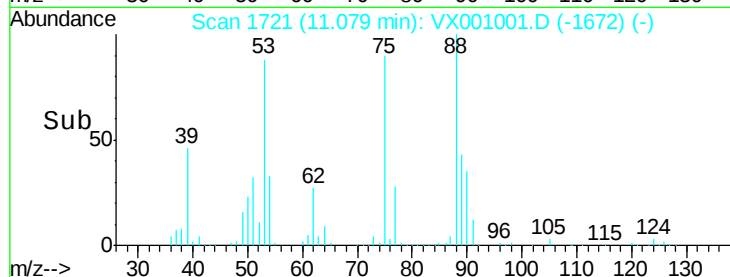
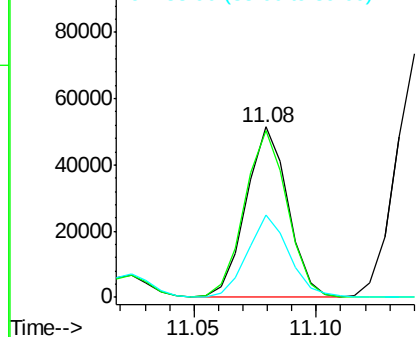
75 100

53 100.6 83.4 125.2

89 48.9 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.04 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001001.D

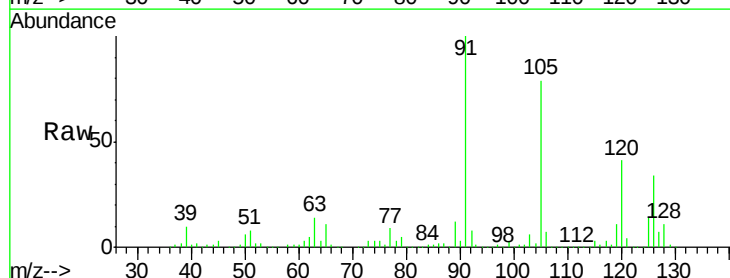
Acq: 20 Apr 2018 11:18

Tgt Ion: 91 Resp: 617689

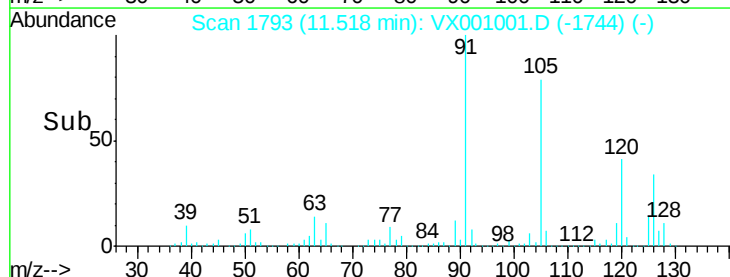
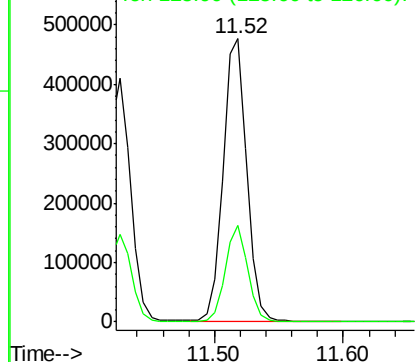
Ion Ratio Lower Upper

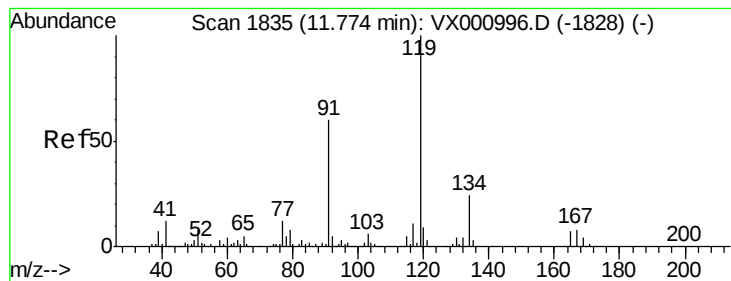
91 100

126 32.4 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.69 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

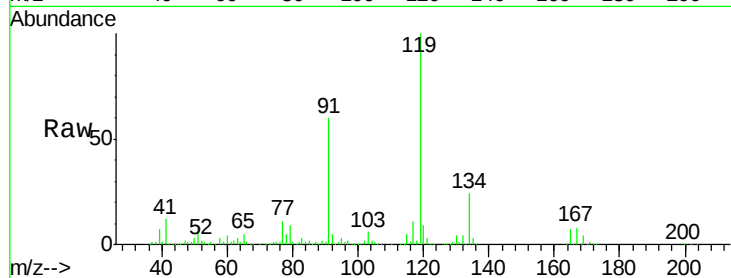
Tot Ion:119 Resp: 666560

Ion Ratio Lower Upper

119 100

91 54.2 27.0 81.0

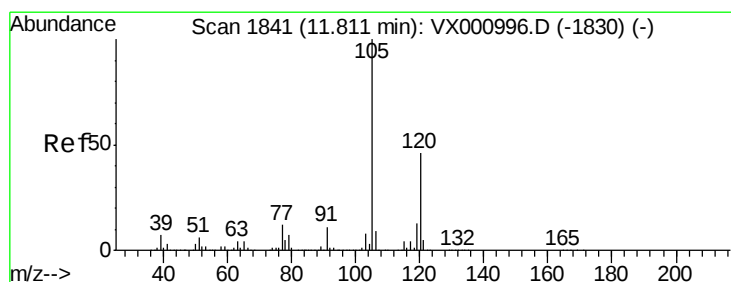
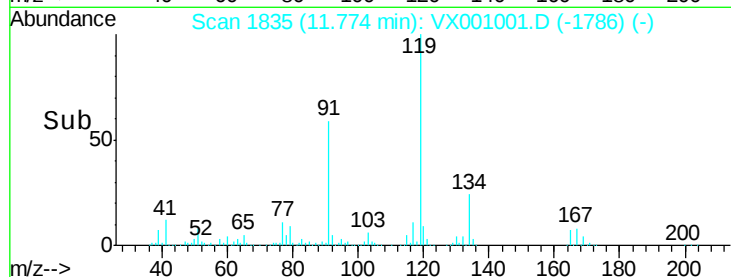
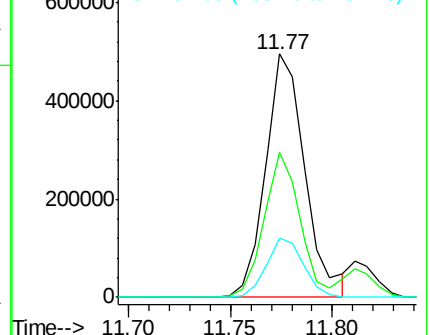
134 23.2 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.86 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001001.D

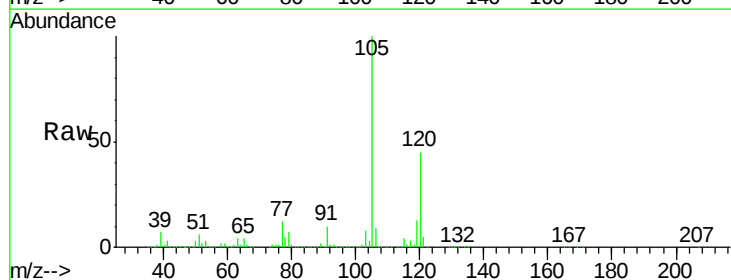
Acq: 20 Apr 2018 11:18

Tgt Ion:105 Resp: 668655

Ion Ratio Lower Upper

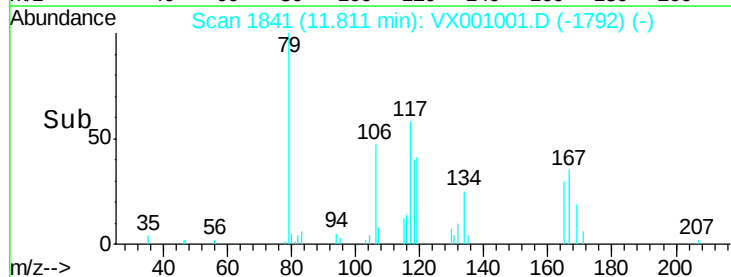
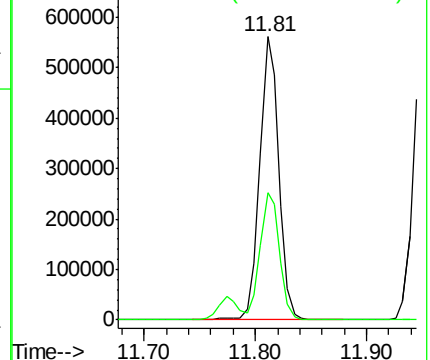
105 100

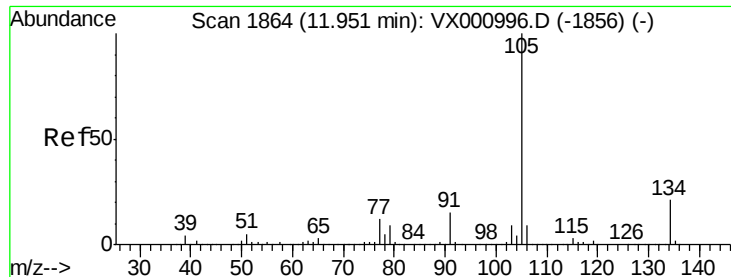
120 45.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.53 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

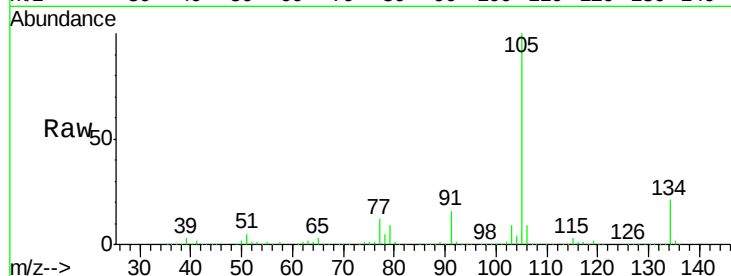
ClientSampleId :

Tot Ion:105 Resp: 793158

Ion Ratio Lower Upper

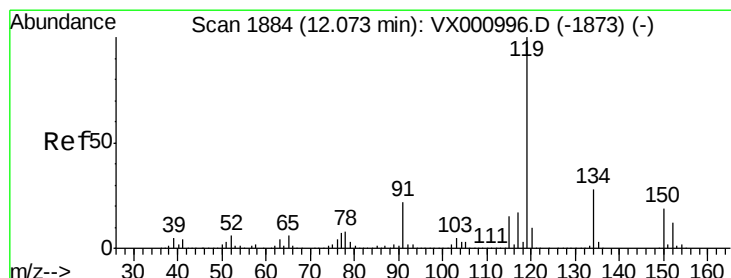
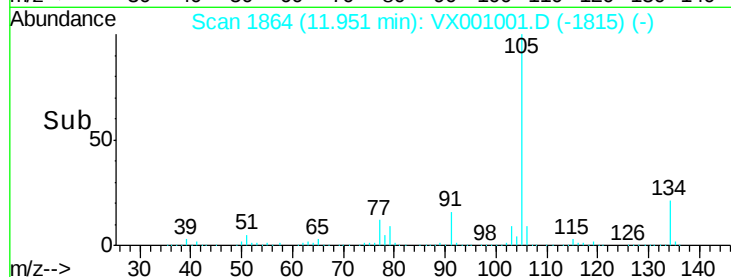
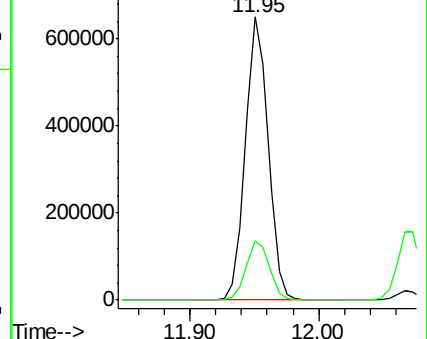
105 100

134 21.5 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.94 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

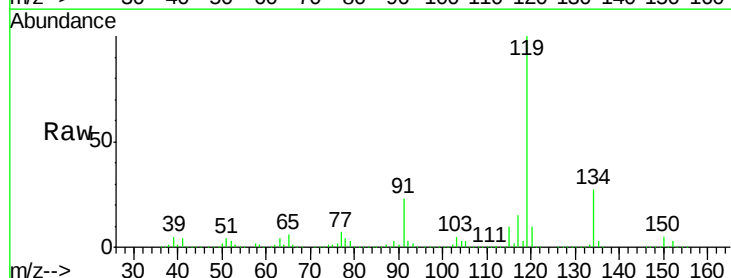
Tgt Ion:119 Resp: 739724

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

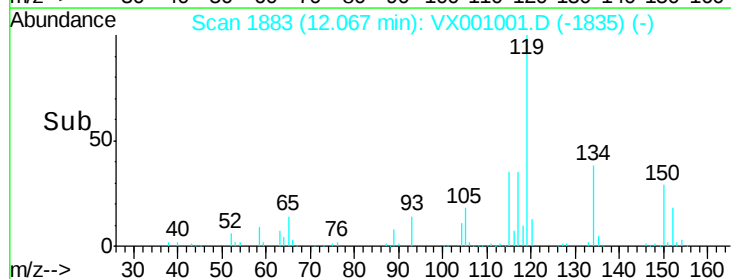
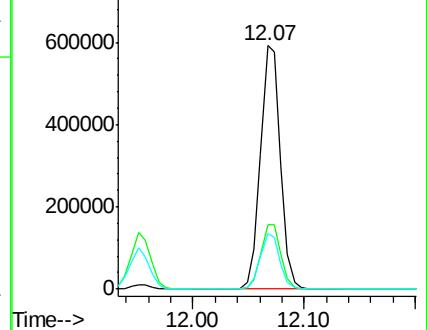
91 22.4 11.4 34.1

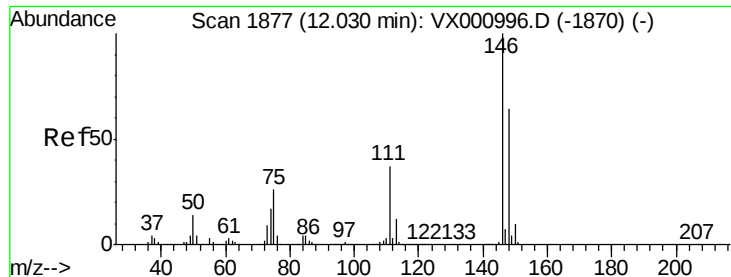


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.74 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

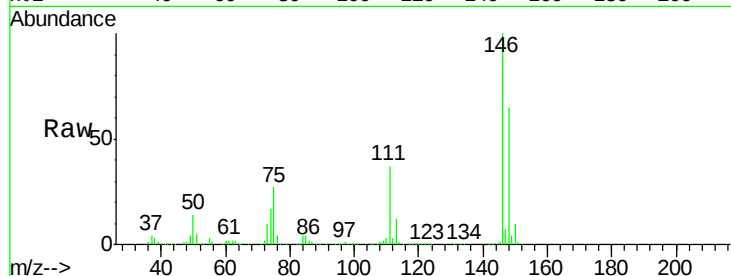
Tot Ion:146 Resp: 406911

Ion Ratio Lower Upper

146 100

111 36.9 18.3 54.8

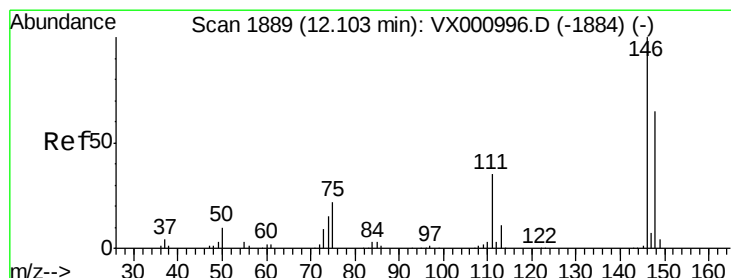
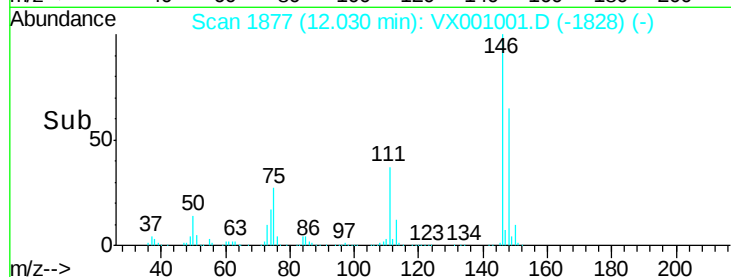
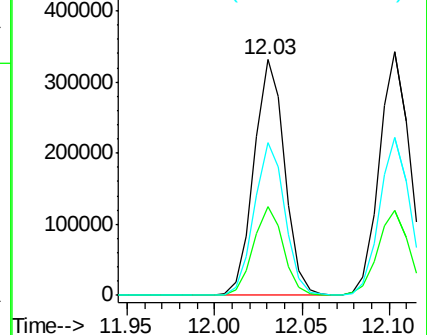
148 64.5 32.2 96.6



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: 47.51 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

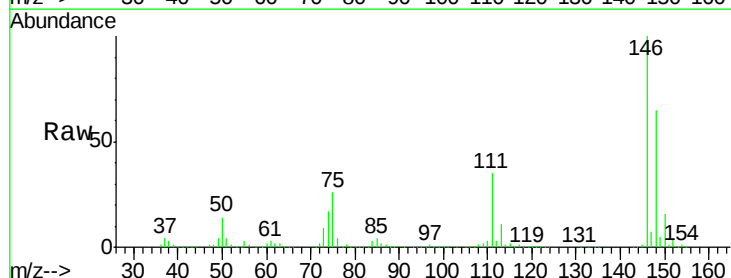
Tgt Ion:146 Resp: 415682

Ion Ratio Lower Upper

146 100

111 35.7 18.0 54.0

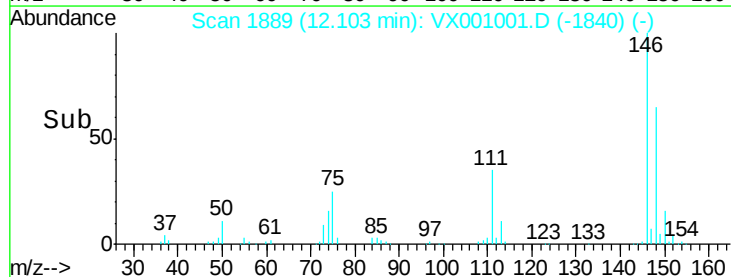
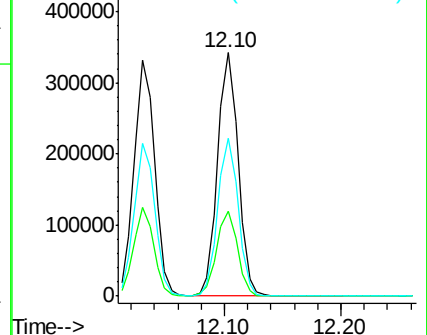
148 64.7 32.4 97.0

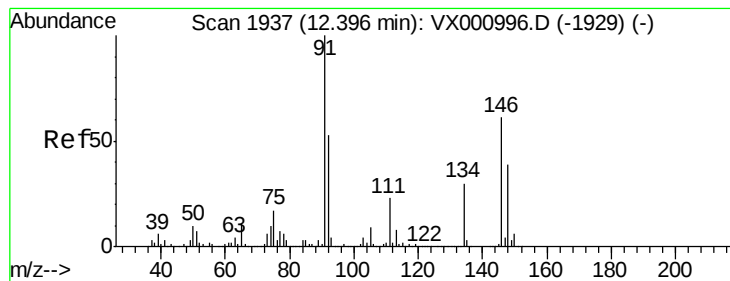


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.24 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

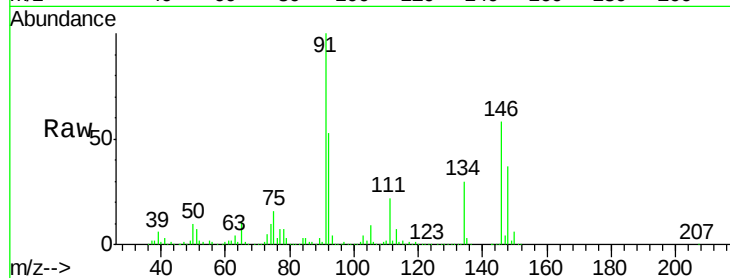
Tot Ion: 91 Resp: 662064

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

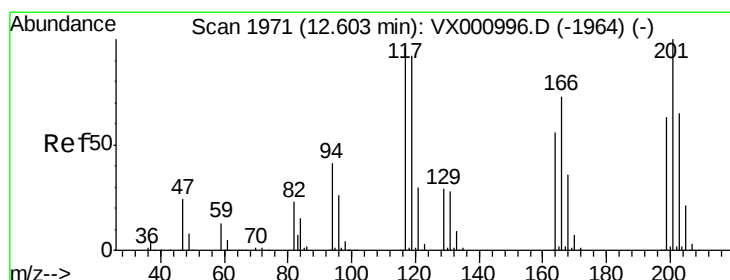
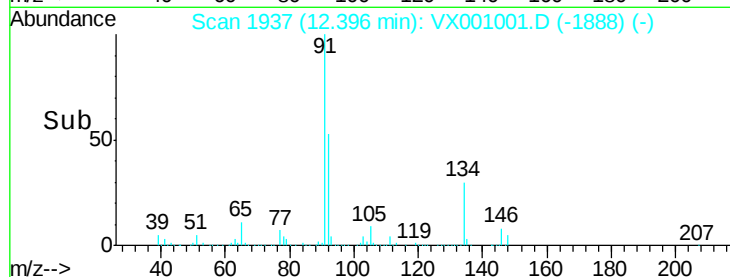
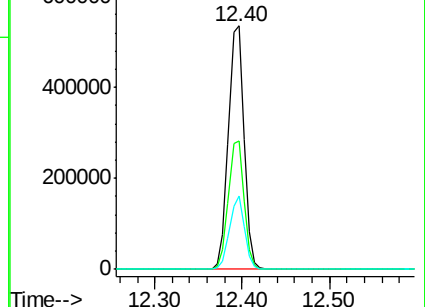
134 28.6 14.4 43.0



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

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

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



#90

Hexachloroethane

Concen: 53.74 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001001.D

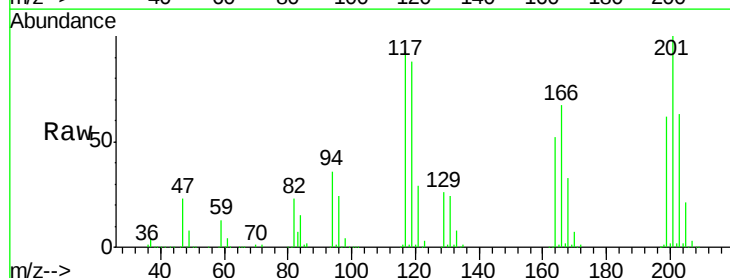
Acq: 20 Apr 2018 11:18

Tgt Ion: 117 Resp: 112799

Ion Ratio Lower Upper

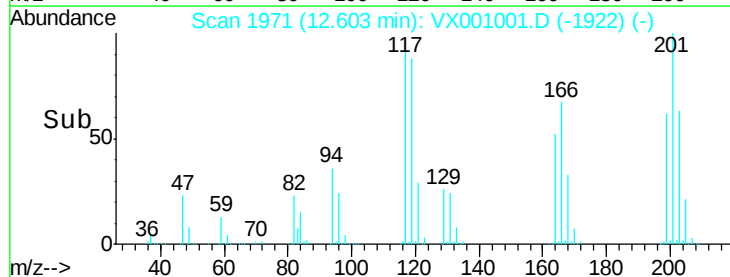
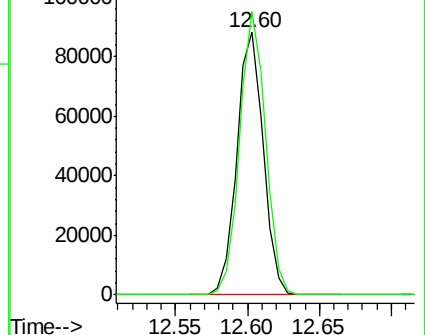
117 100

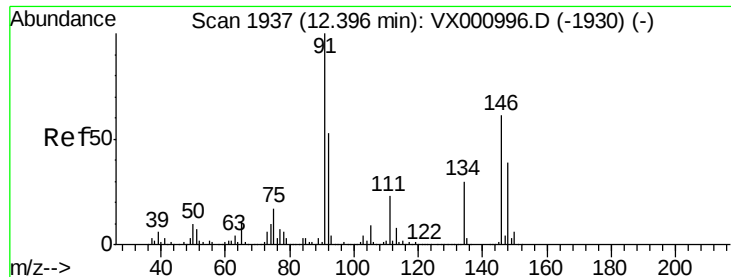
201 105.8 52.3 157.1



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

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





#91

1,2-Dichlorobenzene

Concen: 47.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

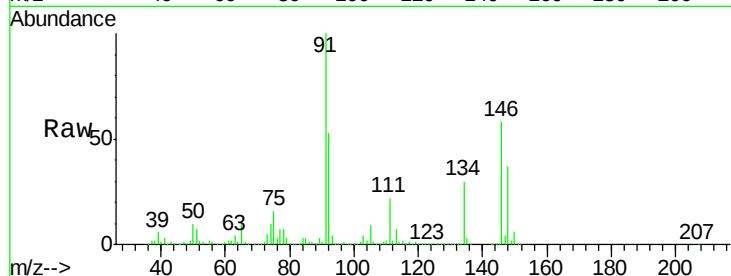
Tot Ion:146 Resp: 390889

Ion Ratio Lower Upper

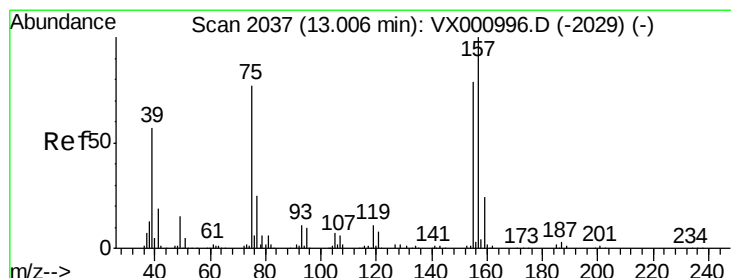
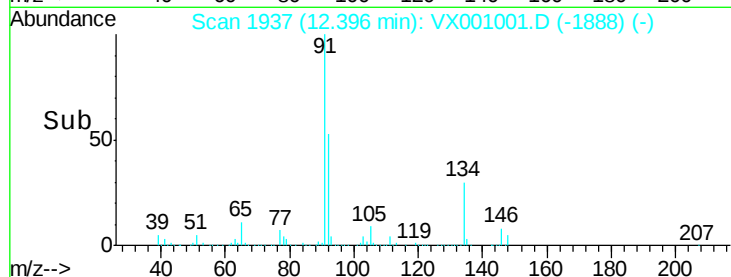
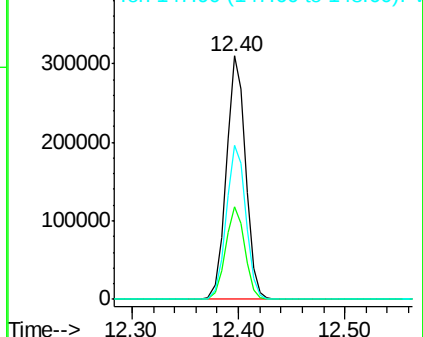
146 100

111 38.1 18.6 56.0

148 64.3 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.23 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

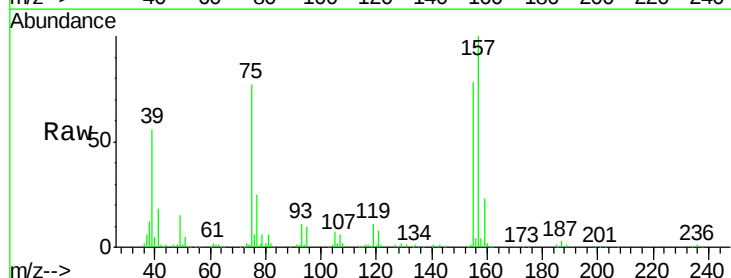
Tgt Ion: 75 Resp: 43003

Ion Ratio Lower Upper

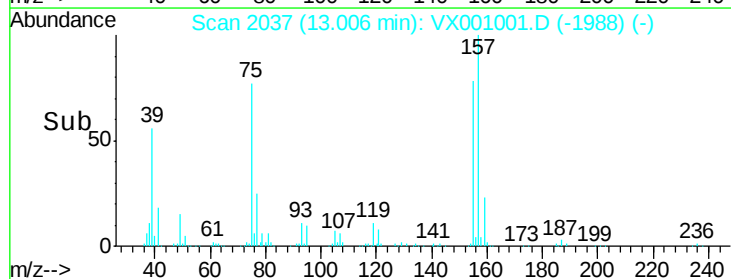
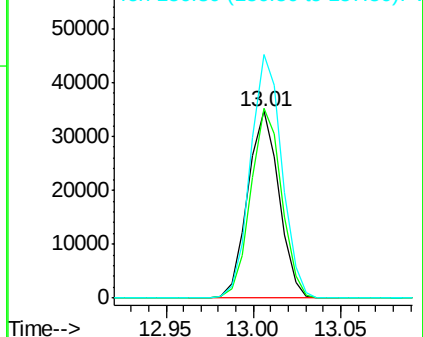
75 100

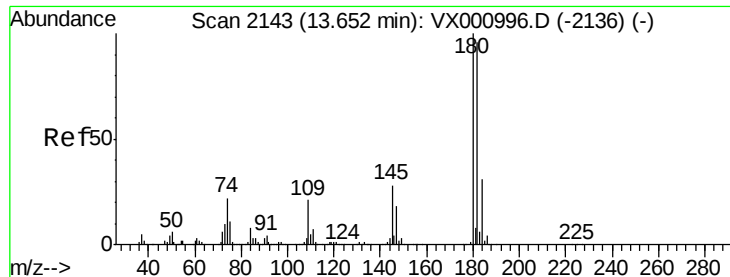
155 100.2 51.0 153.0

157 130.5 64.9 194.7



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

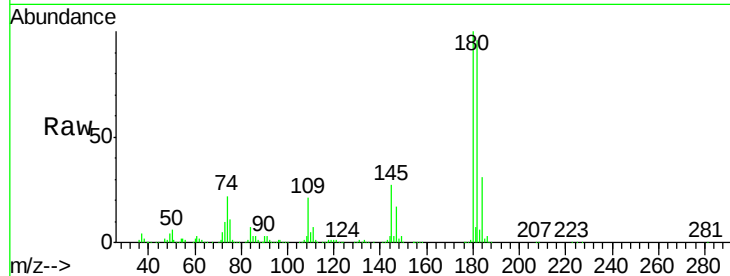




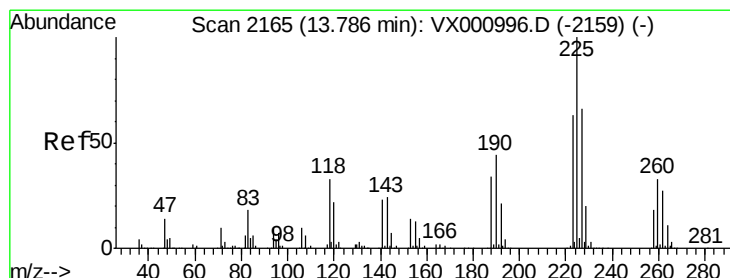
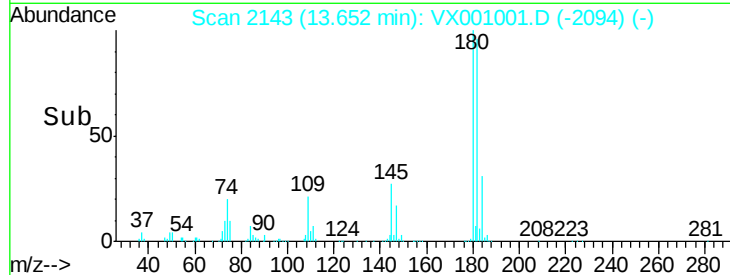
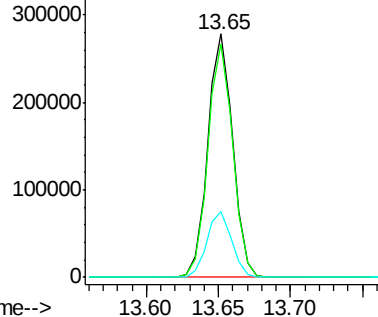
#93
 1,2,4-Trichlorobenzene
 Concen: 48.27 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001001.D
 Acq: 20 Apr 2018 11:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 334376
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.0 144.0
 145 27.3 13.9 41.7

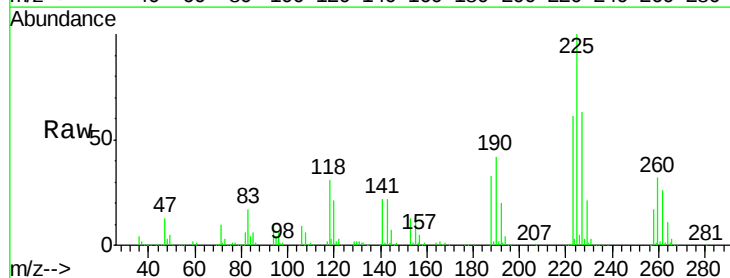


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

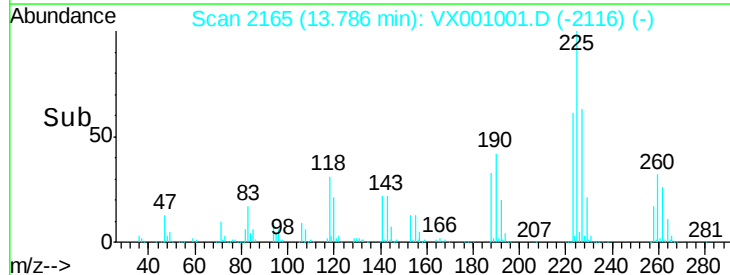
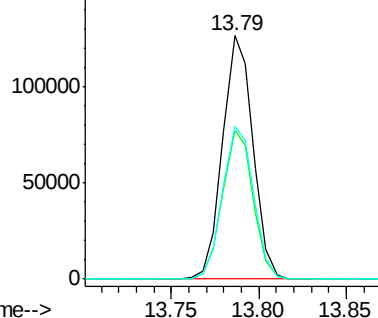


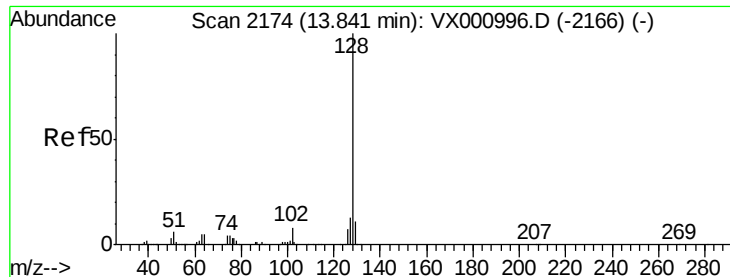
#94
 Hexachlorobutadiene
 Concen: 49.08 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001001.D
 Acq: 20 Apr 2018 11:18

Tgt Ion:225 Resp: 153838
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.5 94.5
 227 63.9 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 46.87 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

Instrument :

MSVOA_X

ClientSampled :

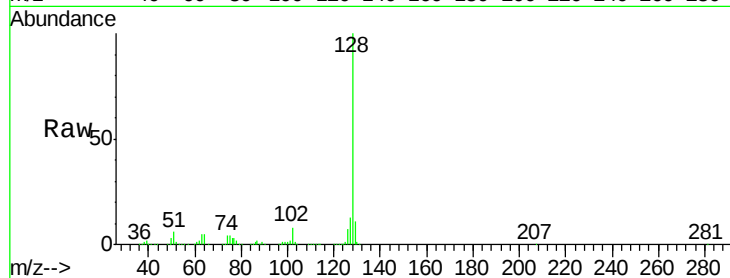
Tot Ion:128 Resp: 798523

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

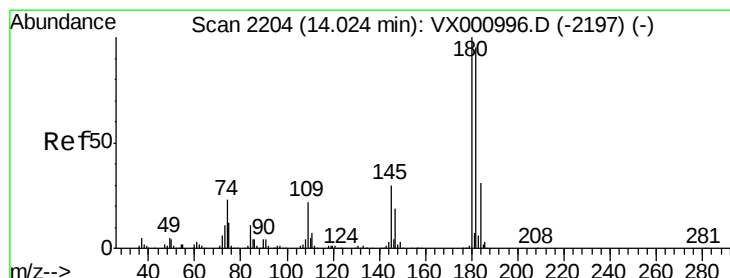
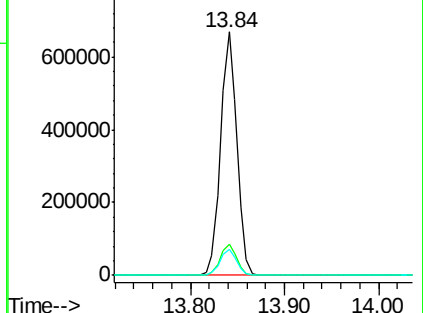
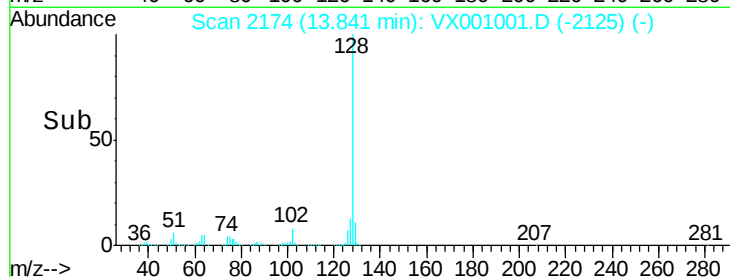
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.57 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001001.D

Acq: 20 Apr 2018 11:18

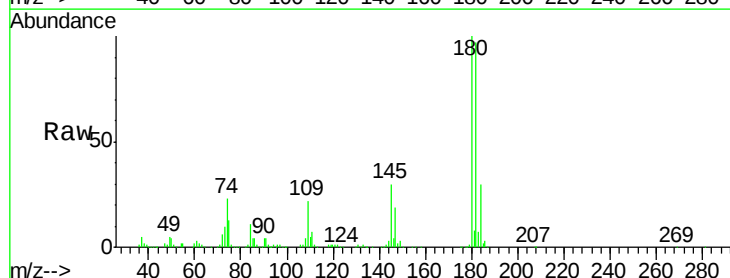
Tgt Ion:180 Resp: 318732

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 29.1 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

