

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003022.D
 Acq On : 29 Jun 2018 12:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 29 14:39:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	198516	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
35) Dibromofluoromethane	5.51	113	164867	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	8.72	98	593593	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.14	95	232665	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	158812	59.67	ug/l	99
3) Chloromethane	1.32	50	149264	54.06	ug/l	100
4) Vinyl Chloride	1.40	62	166197	49.25	ug/l	96
5) Bromomethane	1.64	94	83663	53.29	ug/l	100
6) Chloroethane	1.72	64	105580	53.48	ug/l	100
7) Trichlorofluoromethane	1.93	101	266950	46.90	ug/l	98
8) Diethyl Ether	2.19	74	94047	45.45	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	153708	46.60	ug/l	99
10) Methyl Iodide	2.51	142	152321	46.09	ug/l	100
11) Tert butyl alcohol	3.07	59	170930	208.04	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136919	46.53	ug/l	94
13) Acrolein	2.29	56	99390	218.74	ug/l	98
14) Allyl chloride	2.73	41	270304	46.60	ug/l	97
15) Acrylonitrile	3.15	53	390449	222.49	ug/l	99
16) Acetone	2.45	43	441229	258.33	ug/l	98
17) Carbon Disulfide	2.57	76	378757	48.31	ug/l	98
18) Methyl Acetate	2.78	43	188573	39.49	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	482868	45.64	ug/l	99
20) Methylene Chloride	2.86	84	149309	44.92	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	144955	45.22	ug/l	96
22) Diisopropyl ether	3.87	45	505029	45.55	ug/l	98
23) Vinyl Acetate	3.82	43	2242937	238.88	ug/l	99
24) 1,1-Dichloroethane	3.70	63	274245	45.50	ug/l	99
25) 2-Butanone	4.71	43	614692	242.50	ug/l	97
26) 2,2-Dichloropropane	4.59	77	237584	48.48	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	169130	47.06	ug/l	95
28) Bromochloromethane	5.02	49	142043	49.24	ug/l	92
29) Tetrahydrofuran	5.16	42	369625	227.39	ug/l	97
30) Chloroform	5.21	83	290036	46.89	ug/l	99
31) Cyclohexane	5.57	56	246392	47.64	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	257944	47.40	ug/l	99
36) 1,1-Dichloropropene	5.80	75	216448	49.59	ug/l	99
37) Ethyl Acetate	4.86	43	228864	48.70	ug/l	99
38) Carbon Tetrachloride	5.78	117	234811	49.02	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	248215	48.82	ug/l	96
40) Benzene	6.15	78	623892	49.20	ug/l	100
41) Methacrylonitrile	5.06	41	129952	48.02	ug/l	98
42) 1,2-Dichloroethane	6.20	62	236885	46.24	ug/l	99
43) Isopropyl Acetate	6.46	43	377048	47.84	ug/l	99
44) Trichloroethene	7.21	130	185859	49.16	ug/l	100
45) 1,2-Dichloropropane	7.52	63	159272	47.35	ug/l	98
46) Dibromomethane	7.67	93	111177	47.62	ug/l	96
47) Bromodichloromethane	7.90	83	216698	50.21	ug/l	98
48) Methyl methacrylate	7.78	41	195182	48.06	ug/l	96
49) 1,4-Dioxane	7.76	88	71940	910.52	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1189425	241.21	ug/l	98
52) Toluene	8.79	92	404066	49.74	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	253777	51.92	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	239050	50.83	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	163803	49.07	ug/l	99
56) Ethyl methacrylate	9.18	69	248272	50.89	ug/l	95
57) 1,3-Dichloropropane	9.37	76	267583	48.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	577635	245.40	ug/l	98
59) 2-Hexanone	9.50	43	937838	250.24	ug/l	97
60) Dibromochloromethane	9.59	129	177337	50.46	ug/l	99
61) 1,2-Dibromoethane	9.68	107	175262	50.05	ug/l	99
64) Tetrachloroethene	9.34	164	205303	48.36	ug/l	96
65) Chlorobenzene	10.14	112	466143	48.07	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	172733	49.03	ug/l	99
67) Ethyl Benzene	10.26	91	794615	49.60	ug/l	100
68) m/p-Xylenes	10.36	106	621352	100.64	ug/l	98
69) o-Xylene	10.70	106	300717	50.02	ug/l	98
70) Styrene	10.71	104	503736	51.57	ug/l	99
71) Bromoform	10.86	173	139655	44.35	ug/l	100
73) Isopropylbenzene	11.02	105	810288	49.18	ug/l	99
74) N-amyl acetate	6.46	43	377048	46.77	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	243867	48.05	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	278595	62.80	ug/l	80
77) Bromobenzene	11.26	156	226815	48.34	ug/l	97
78) n-propylbenzene	11.36	91	924340	49.29	ug/l	99
79) 2-Chlorotoluene	11.42	91	549160	48.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	679922	49.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	67380	44.47	ug/l	100
82) 4-Chlorotoluene	11.51	91	652821	48.57	ug/l	99
83) tert-Butylbenzene	11.77	119	667262	48.79	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	702667	48.87	ug/l	99
85) sec-Butylbenzene	11.95	105	791243	47.69	ug/l	99
86) p-Isopropyltoluene	12.07	119	726145	48.68	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	415211	48.46	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	421265	47.77	ug/l	99
89) n-Butylbenzene	12.39	91	638820	49.21	ug/l	99
90) Hexachloroethane	12.60	117	100690	45.39	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	414510	47.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53219	46.65	ug/l	96

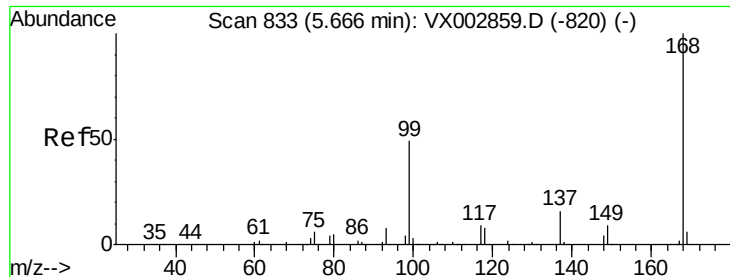
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	308144	48.96	ug/l	100
94) Hexachlorobutadiene	13.79	225	155978	49.69	ug/l	99
95) Naphthalene	13.83	128	851754	50.81	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	305631	48.61	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

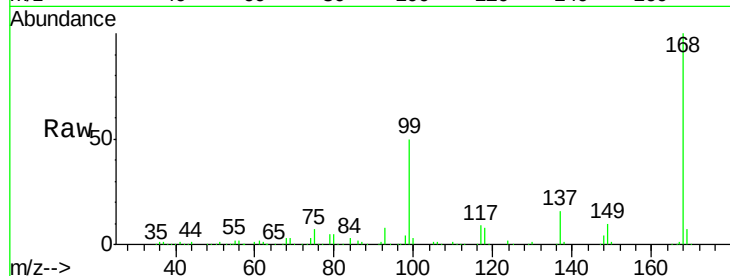
ClientSampled :

Tot Ion:168 Resp: 298390

Ion Ratio Lower Upper

168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

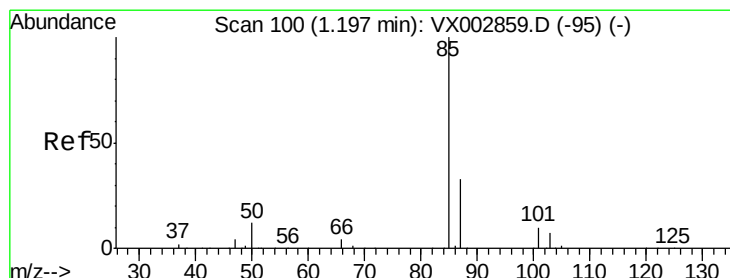
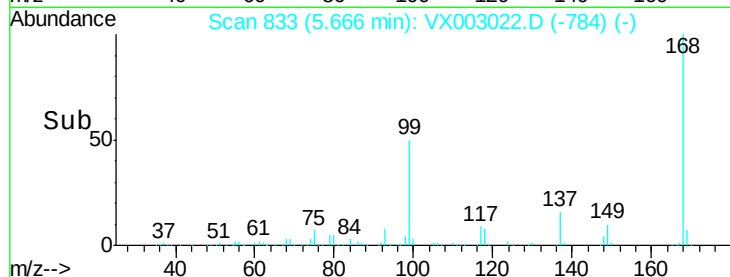
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 59.67 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003022.D

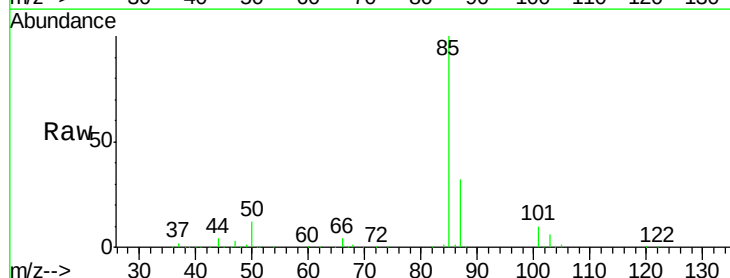
Acq: 29 Jun 2018 12:00

Tgt Ion: 85 Resp: 158812

Ion Ratio Lower Upper

85 100

87 31.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

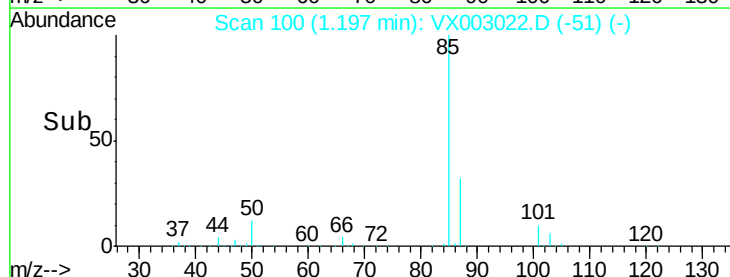
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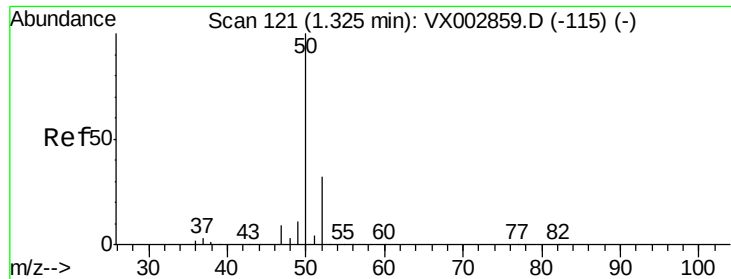
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 54.06 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

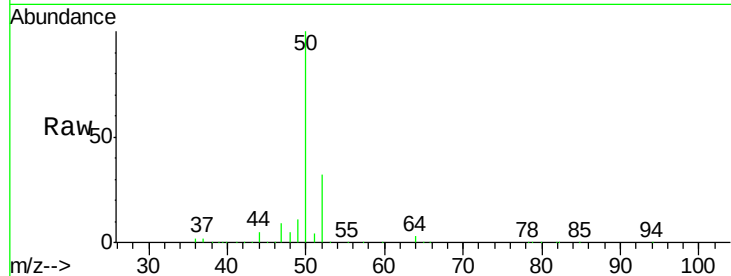
ClientSampled :

Tot Ion: 50 Resp: 149264

Ion Ratio Lower Upper

50 100

52 31.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

150000

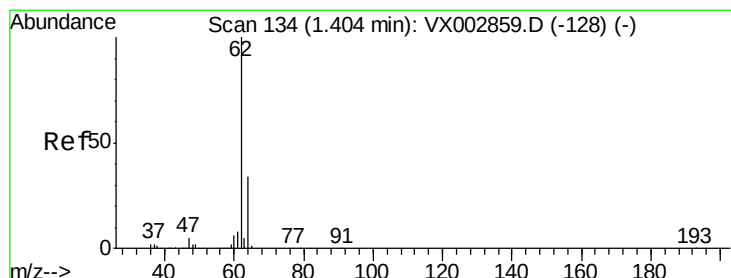
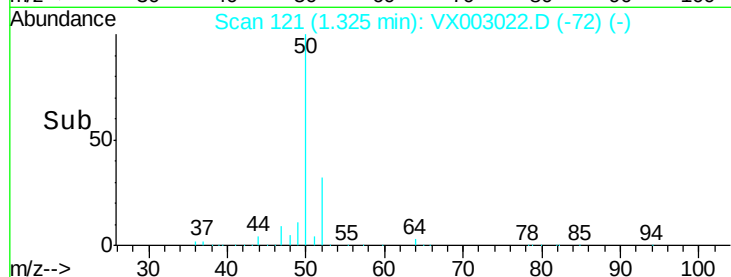
100000

50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 49.25 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003022.D

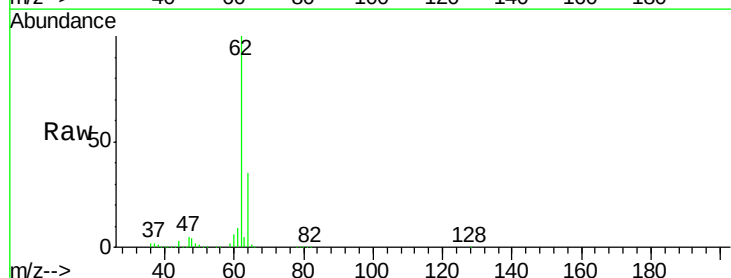
Acq: 29 Jun 2018 12:00

Tgt Ion: 62 Resp: 166197

Ion Ratio Lower Upper

62 100

64 34.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

150000

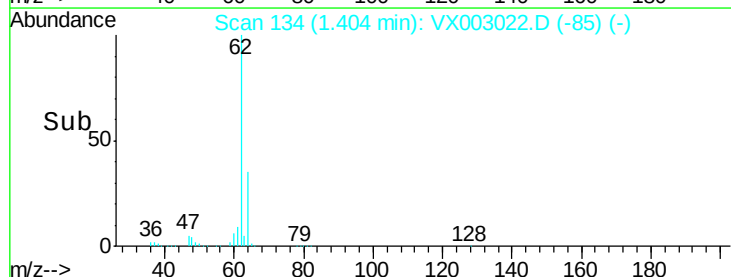
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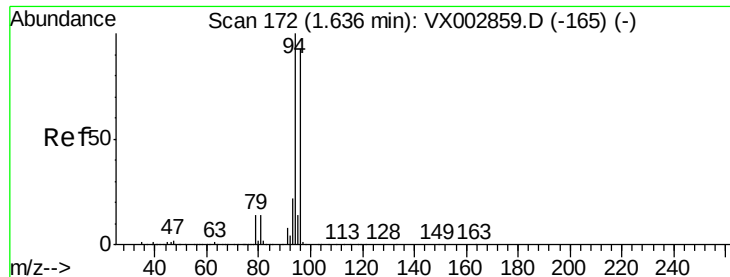
50000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 53.29 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

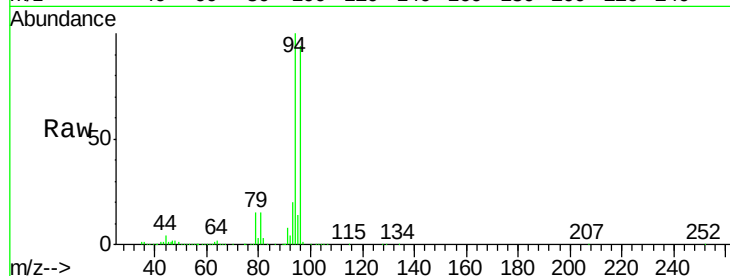
ClientSampleId :

Tot Ion: 94 Resp: 83663

Ion Ratio Lower Upper

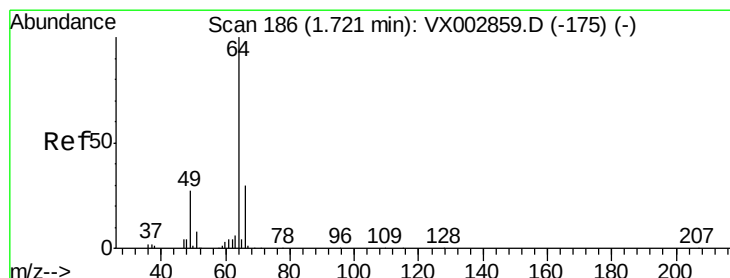
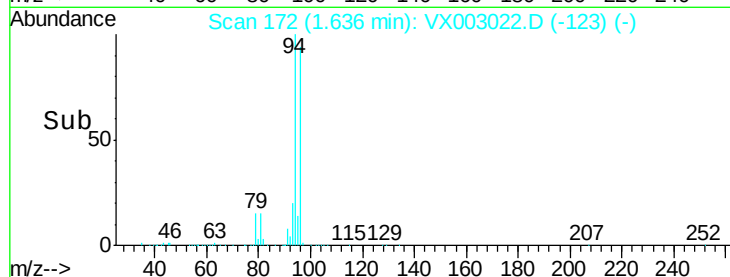
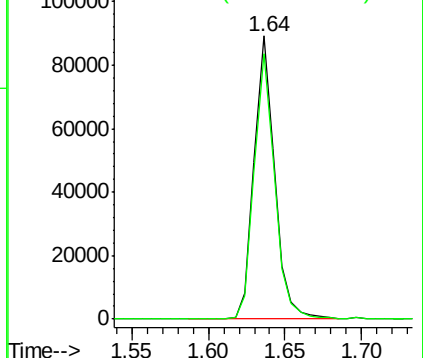
94 100

96 93.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.48 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003022.D

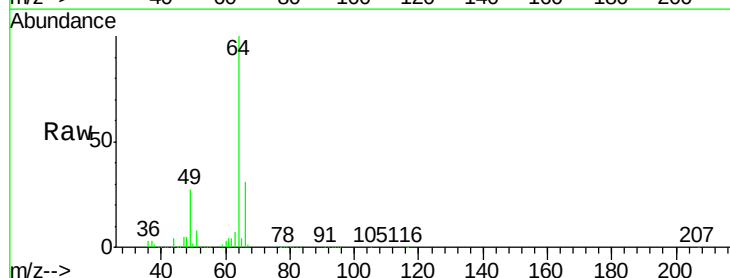
Acq: 29 Jun 2018 12:00

Tgt Ion: 64 Resp: 105580

Ion Ratio Lower Upper

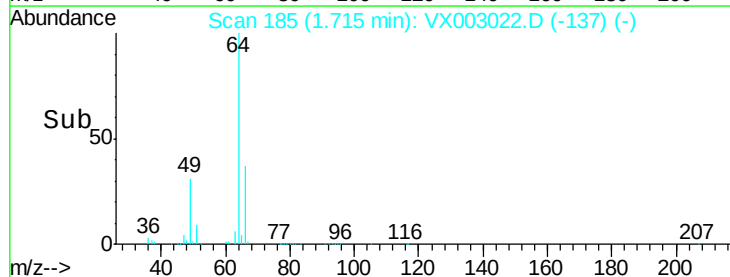
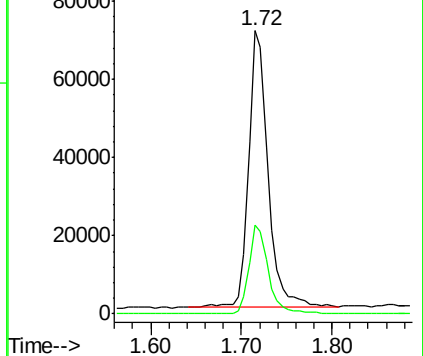
64 100

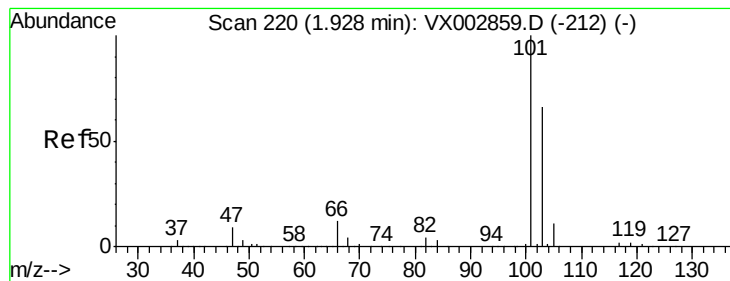
66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



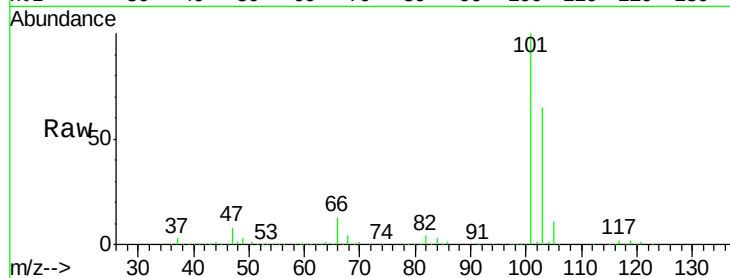


#7

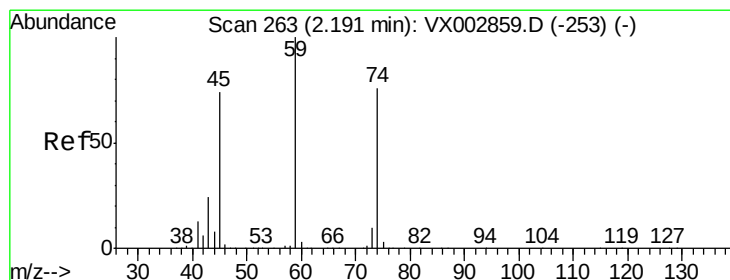
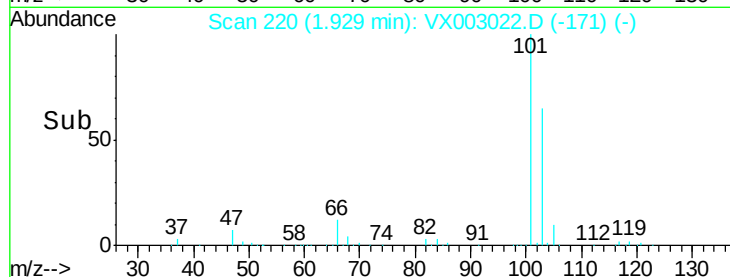
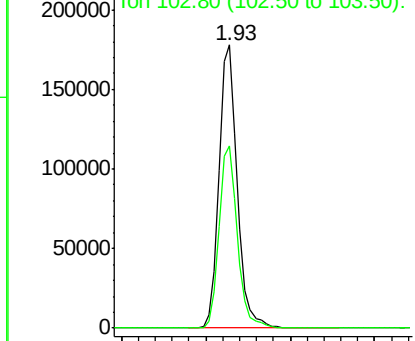
Trichlorofluoromethane
 Concen: 46.90 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 266950
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2



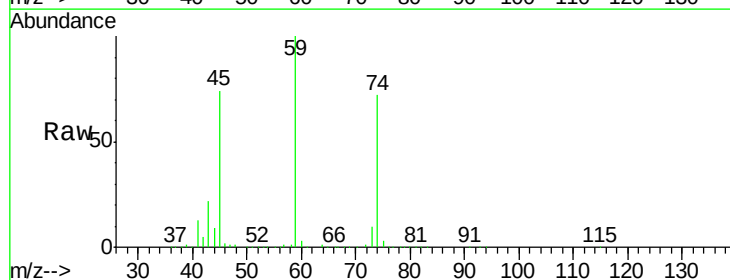
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



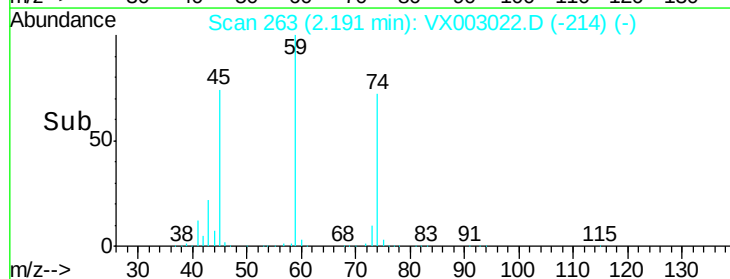
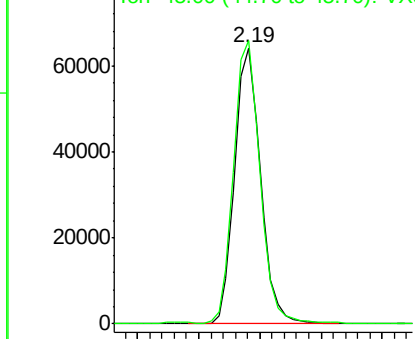
#8

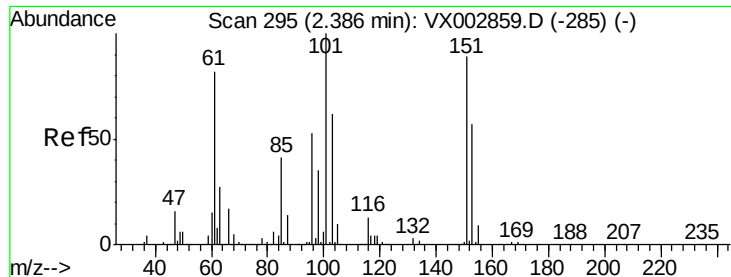
Diethyl Ether
 Concen: 45.45 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion: 74 Resp: 94047
 Ion Ratio Lower Upper
 74 100
 45 103.5 53.1 159.4



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

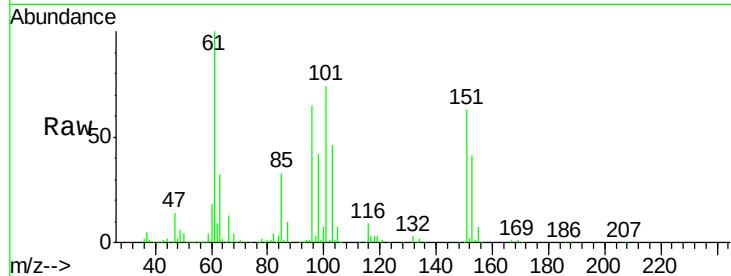




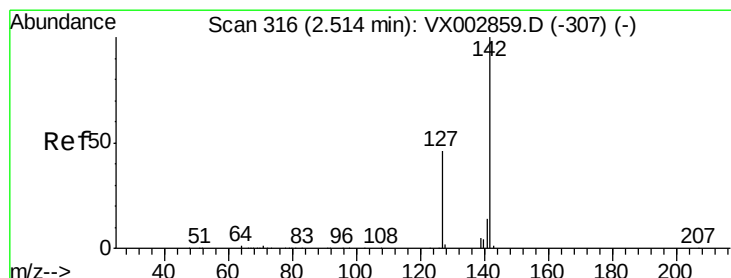
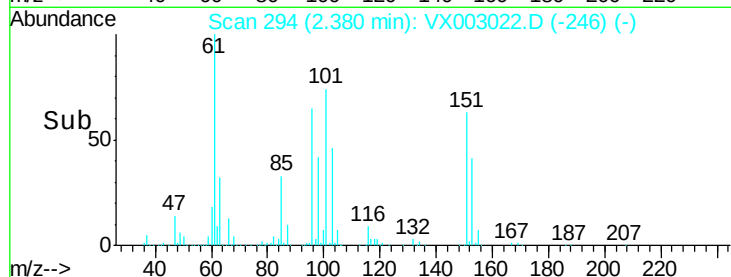
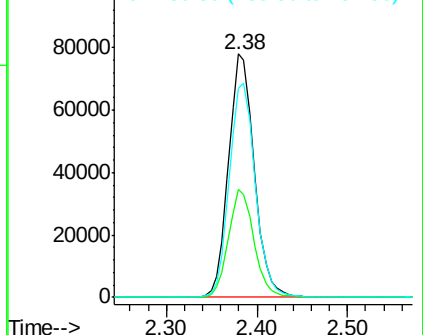
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.60 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 153708
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.0 54.0
 151 89.1 70.9 106.3

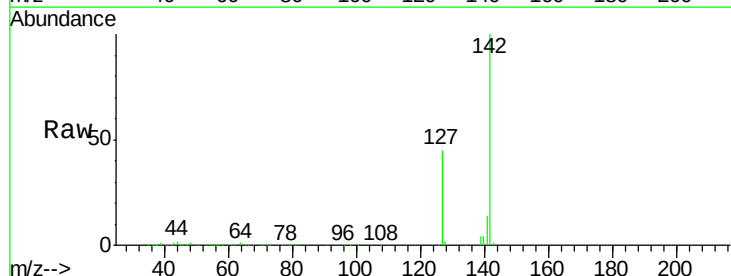


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

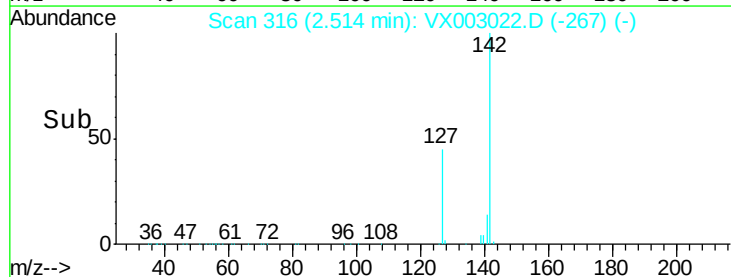
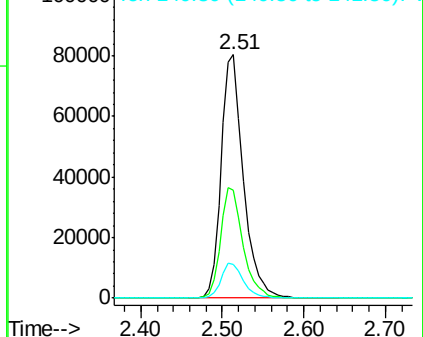


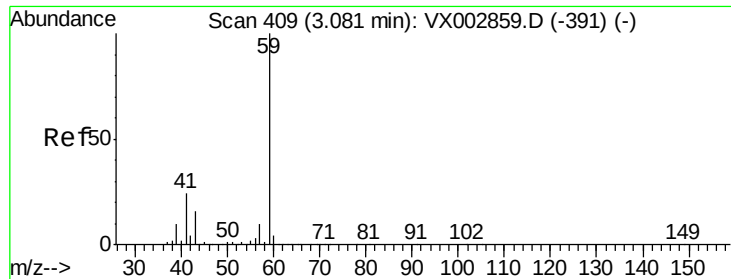
#10
 Methyl Iodide
 Concen: 46.09 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion:142 Resp: 152321
 Ion Ratio Lower Upper
 142 100
 127 45.7 36.6 55.0
 141 14.5 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

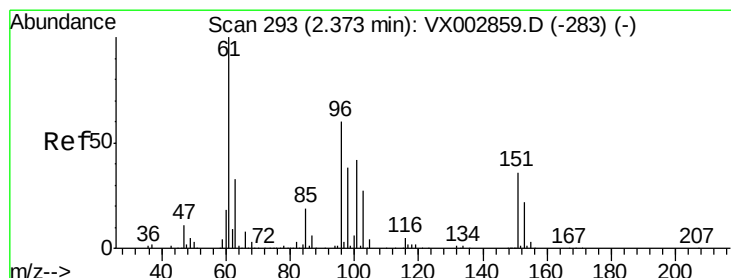
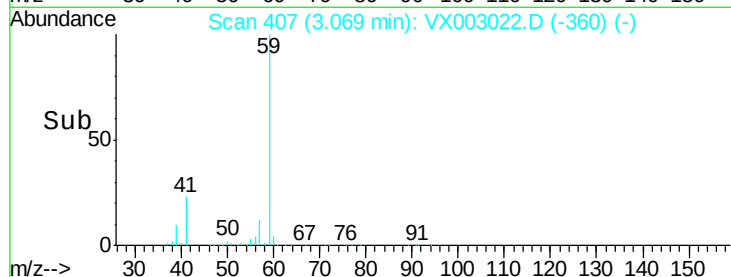
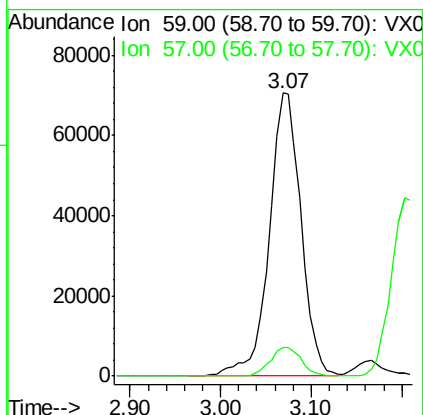
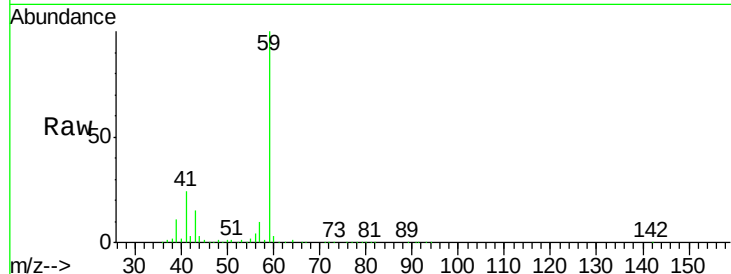




#11
Tert butyl alcohol
Concen: 208.04 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

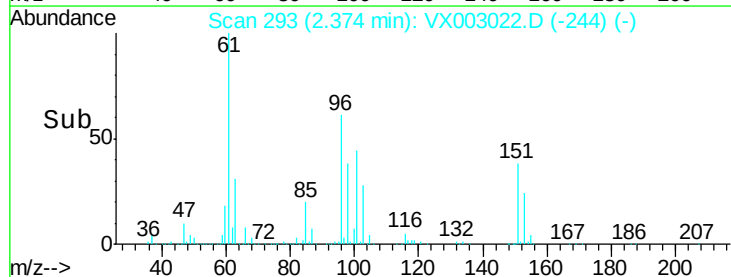
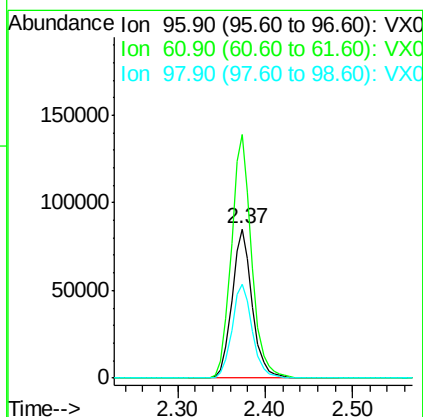
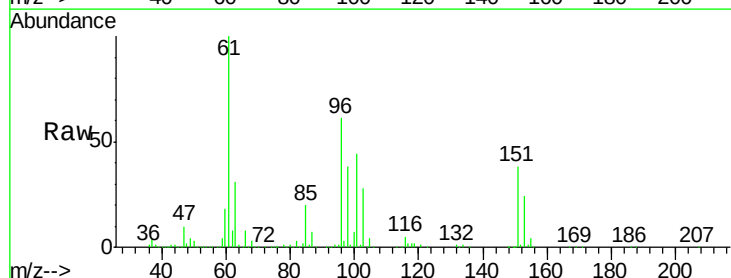
Instrument :
MSVOA_X
ClientSampled :

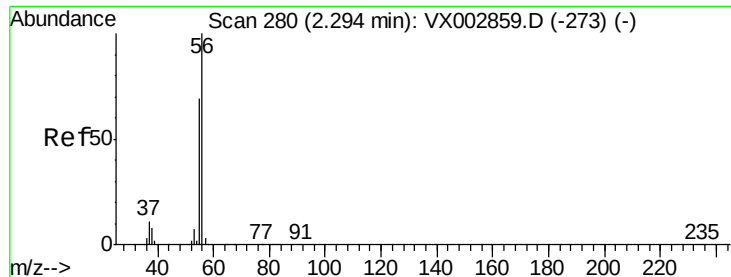
Tot Ion: 59 Resp: 170930
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.53 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion: 96 Resp: 136919
Ion Ratio Lower Upper
96 100
61 162.9 137.9 206.9
98 62.7 51.6 77.4





#13

Acrolein

Concen: 218.74 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

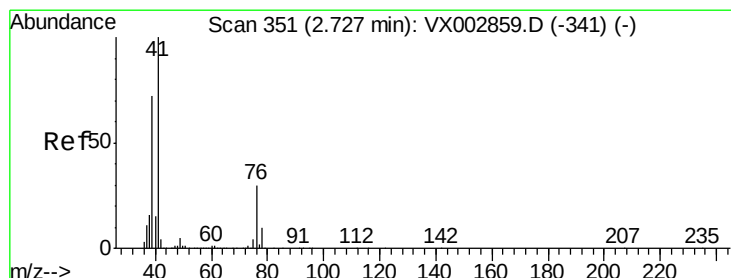
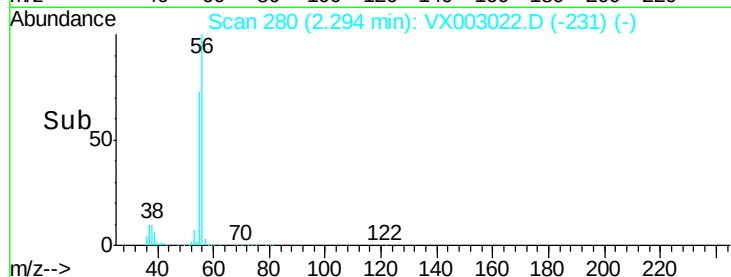
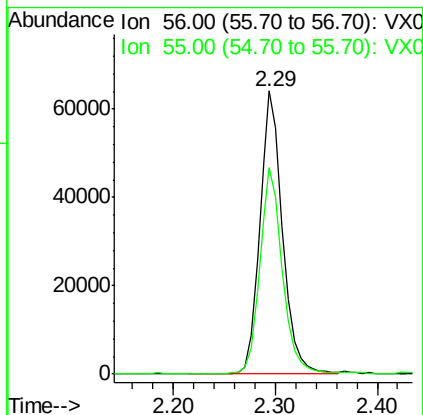
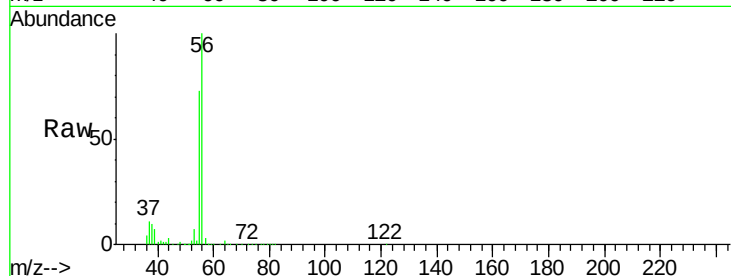
ClientSampleId :

Tot Ion: 56 Resp: 99390

Ion Ratio Lower Upper

56 100

55 73.0 57.0 85.4



#14

Allyl chloride

Concen: 46.60 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

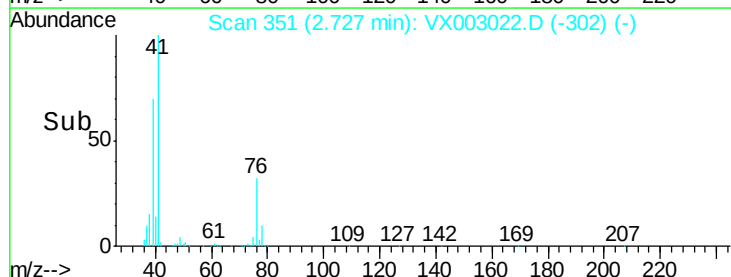
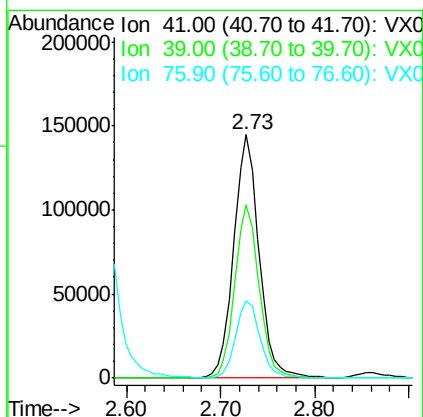
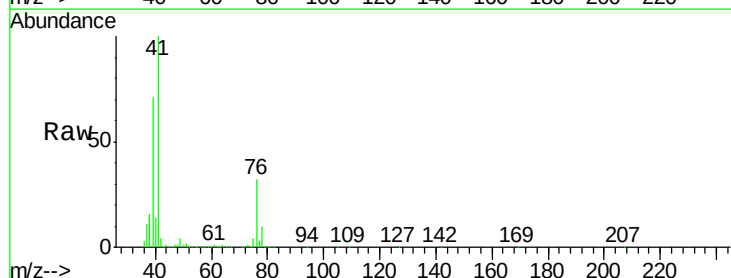
Tgt Ion: 41 Resp: 270304

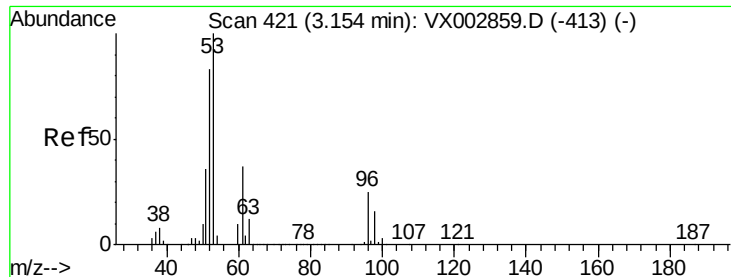
Ion Ratio Lower Upper

41 100

39 68.4 56.8 85.2

76 30.7 23.8 35.8





#15

Acrylonitrile

Concen: 222.49 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

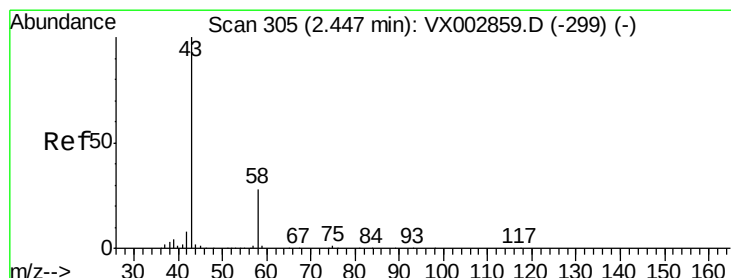
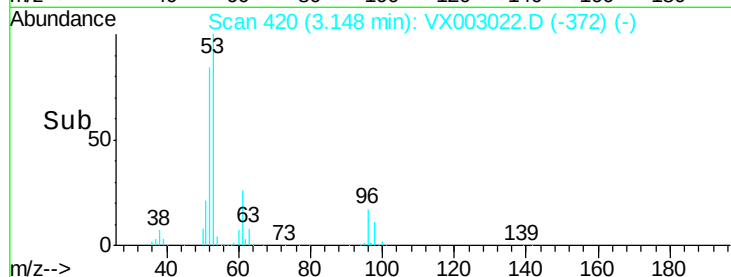
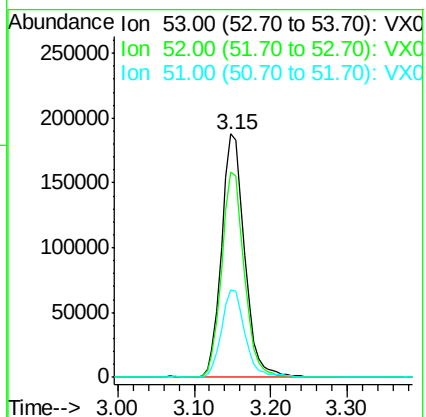
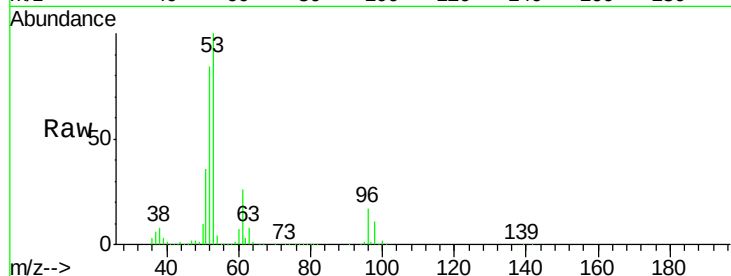
Tot Ion: 53 Resp: 390449

Ion Ratio Lower Upper

53 100

52 83.0 66.7 100.1

51 36.8 29.9 44.9



#16

Acetone

Concen: 258.33 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003022.D

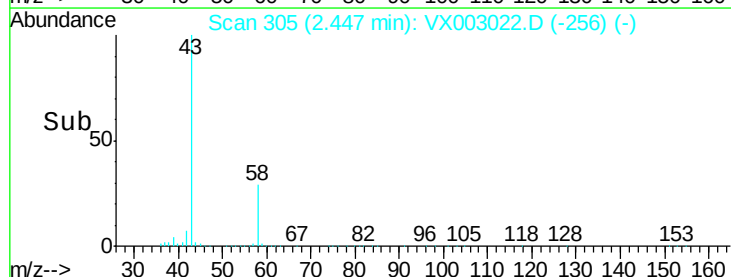
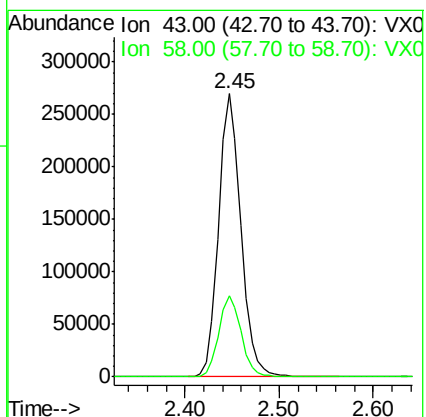
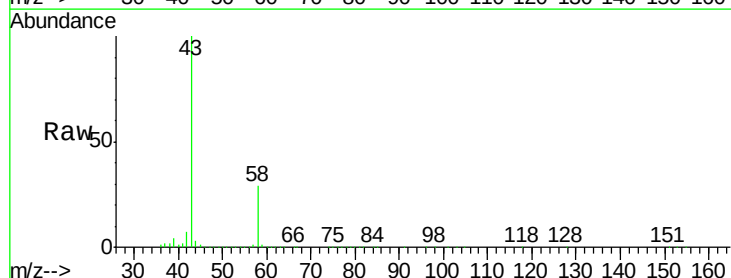
Acq: 29 Jun 2018 12:00

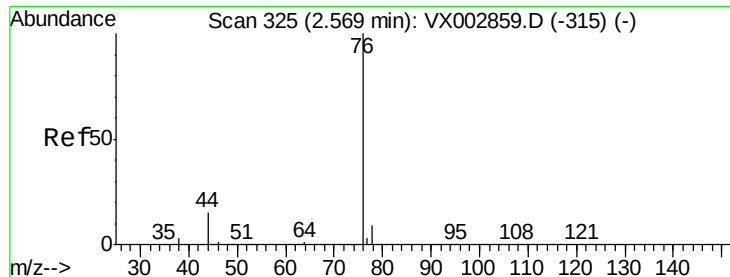
Tgt Ion: 43 Resp: 441229

Ion Ratio Lower Upper

43 100

58 28.7 22.1 33.1





#17

Carbon Disulfide

Concen: 48.31 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

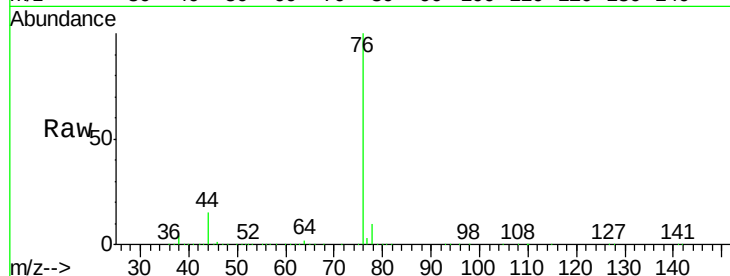
ClientSampleId :

Tot Ion: 76 Resp: 378757

Ion Ratio Lower Upper

76 100

78 9.5 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

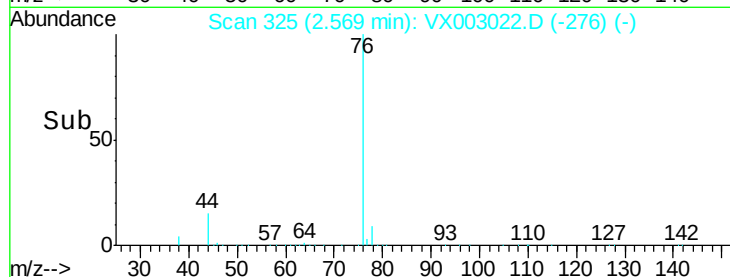
150000

100000

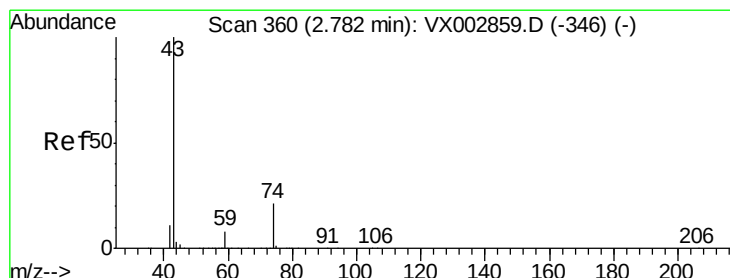
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 39.49 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX003022.D

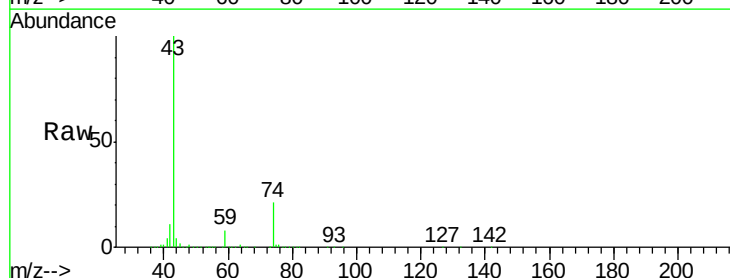
Acq: 29 Jun 2018 12:00

Tgt Ion: 43 Resp: 188573

Ion Ratio Lower Upper

43 100

74 21.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

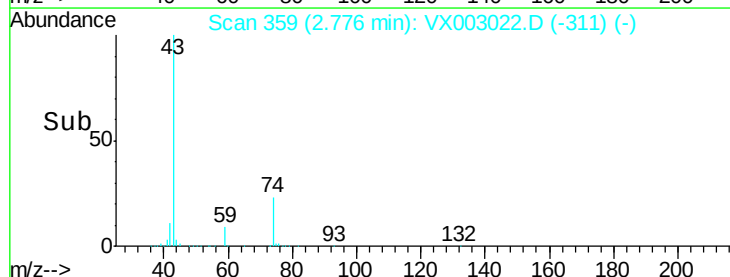
60000

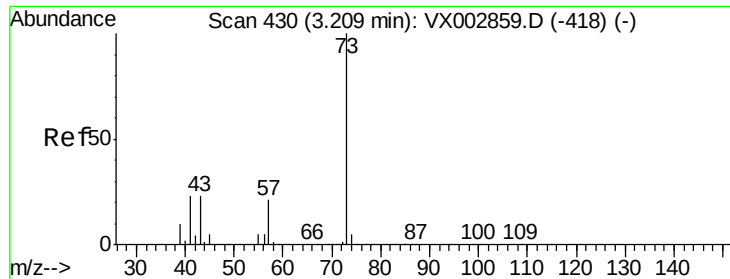
40000

20000

0

Time-->

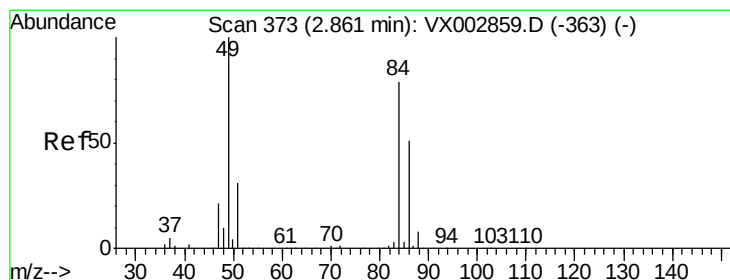
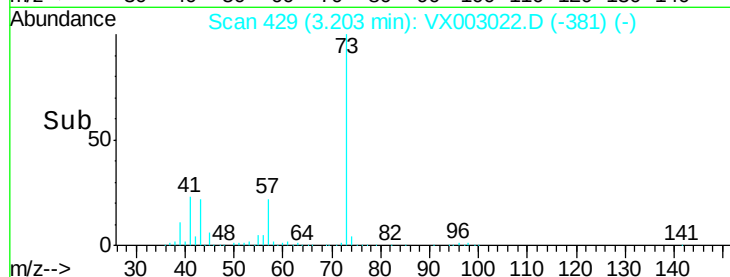
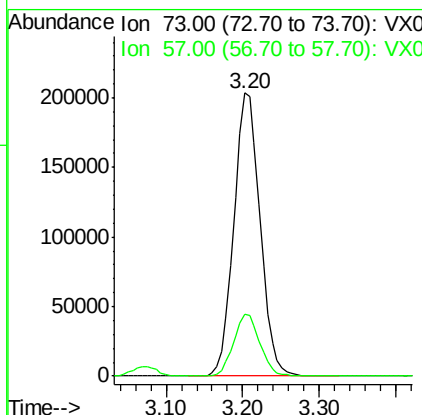
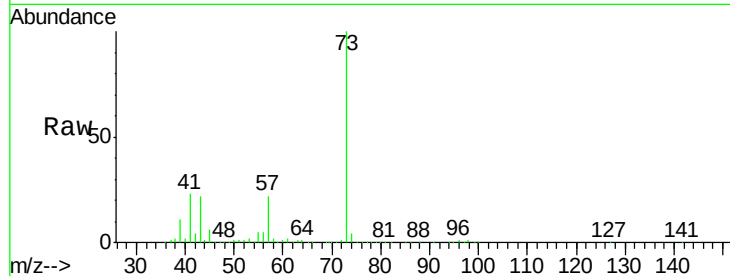




#19
Methyl tert-butyl Ether
Concen: 45.64 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

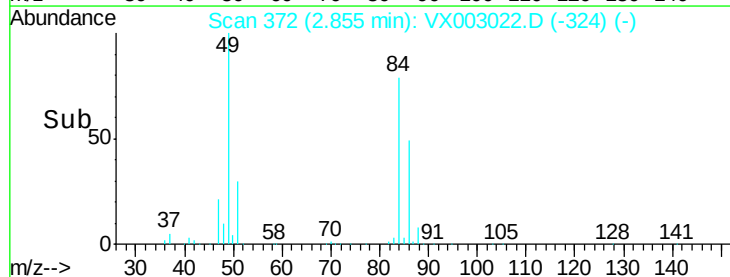
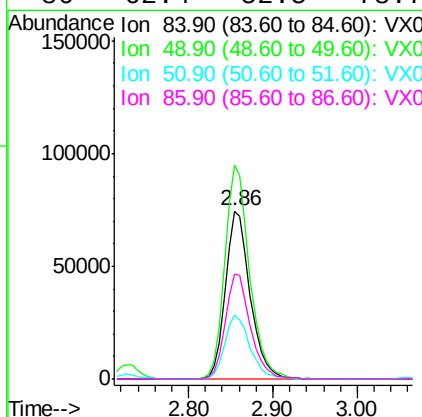
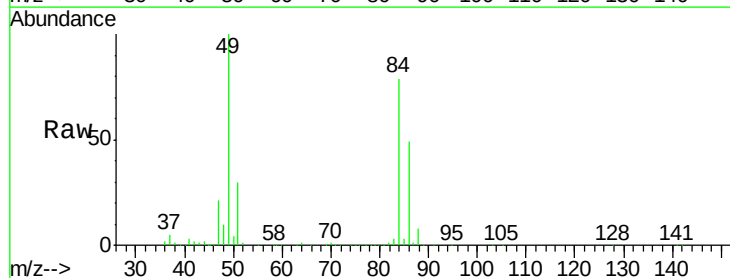
Instrument :
MSVOA_X
ClientSampleId :

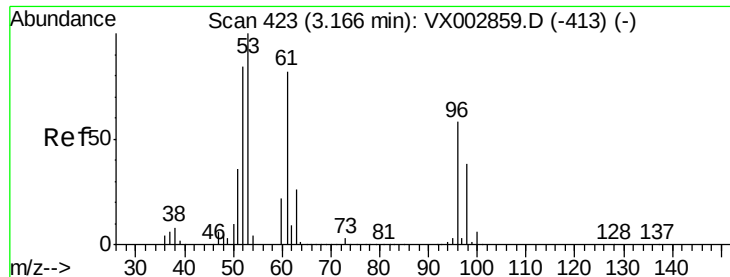
Tot Ion: 73 Resp: 482868
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 44.92 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion: 84 Resp: 149309
Ion Ratio Lower Upper
84 100
49 127.2 107.8 161.6
51 38.1 32.8 49.2
86 62.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.22 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampled :

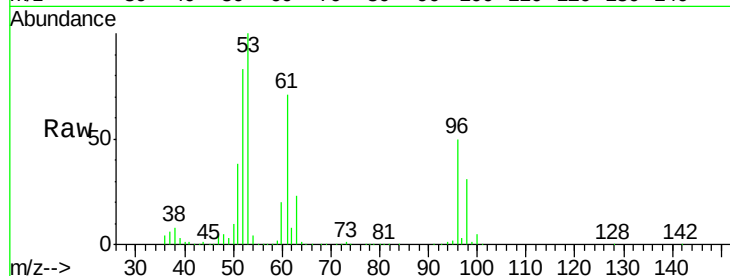
Tot Ion: 96 Resp: 144955

Ion Ratio Lower Upper

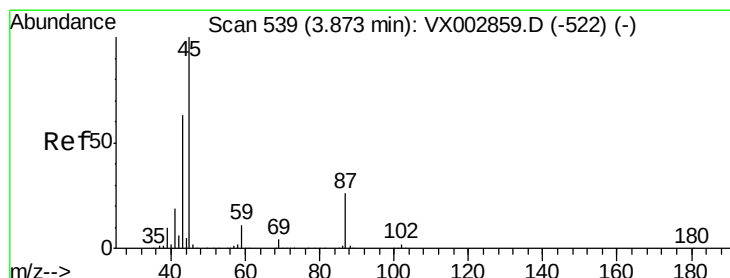
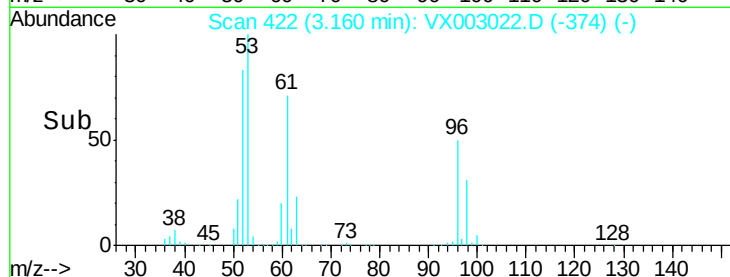
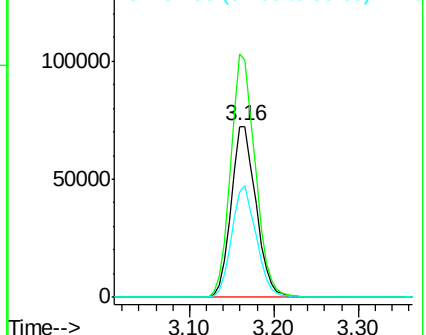
96 100

61 142.2 117.0 175.4

98 61.5 52.4 78.6



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: 45.55 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion: 45 Resp: 505029

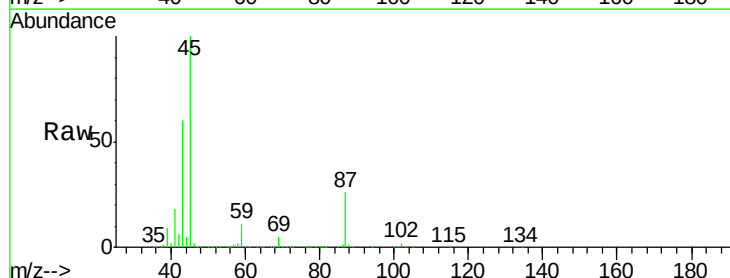
Ion Ratio Lower Upper

45 100

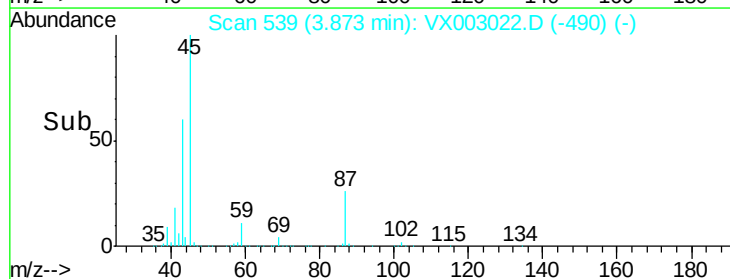
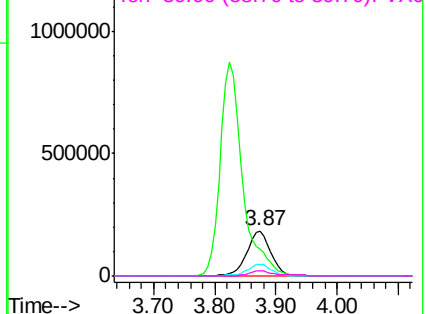
43 60.2 46.8 70.2

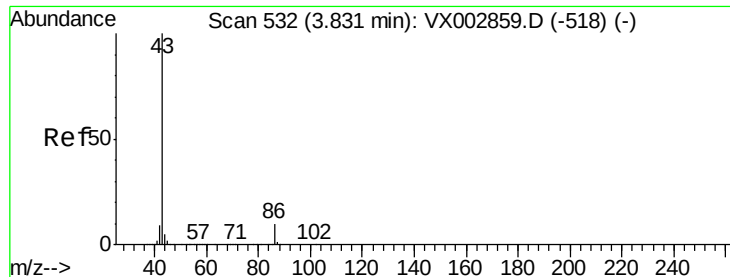
87 26.3 20.2 30.4

59 10.8 8.7 13.1



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: 238.88 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

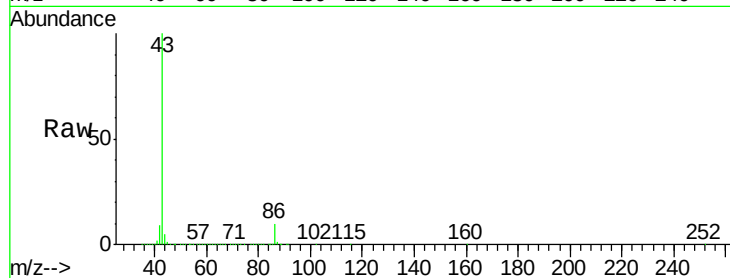
ClientSampleId :

Tot Ion: 43 Resp: 2242937

Ion Ratio Lower Upper

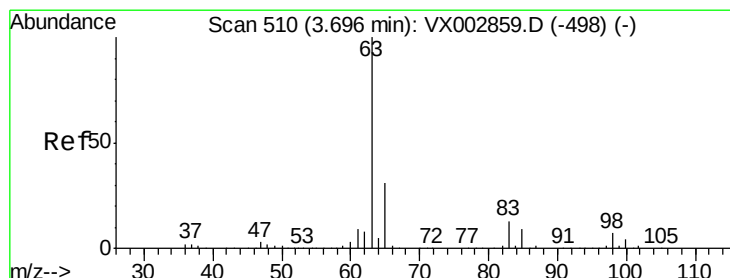
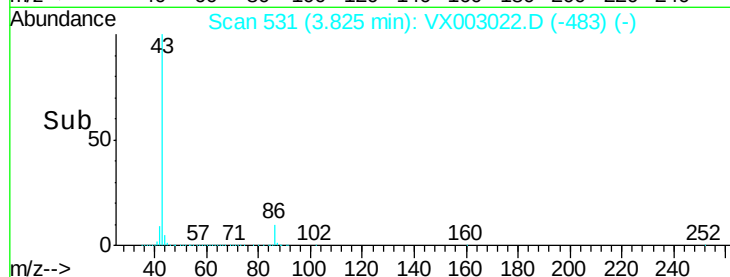
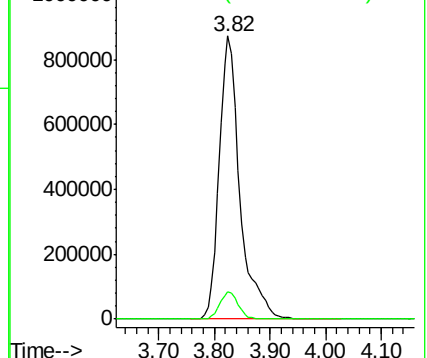
43 100

86 9.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.50 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

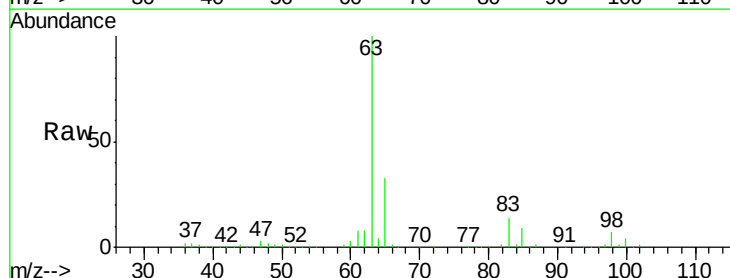
Tgt Ion: 63 Resp: 274245

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

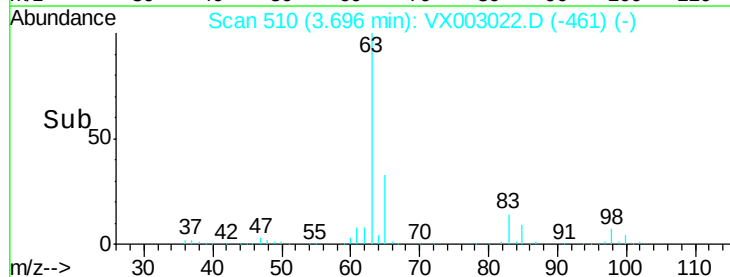
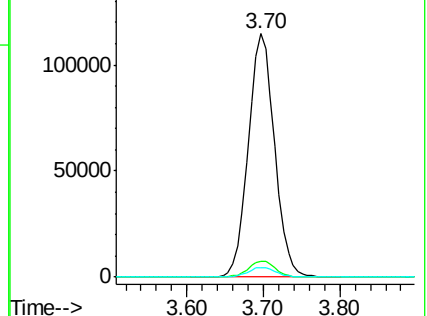
100 4.1 2.0 6.0

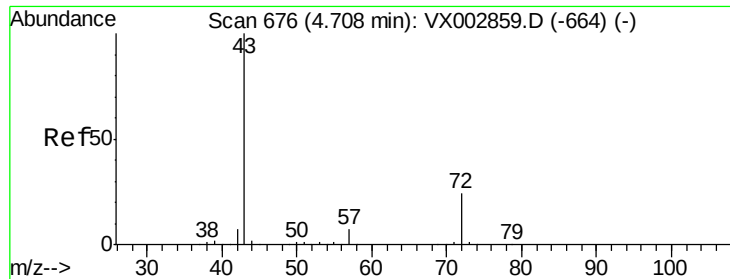


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 242.50 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

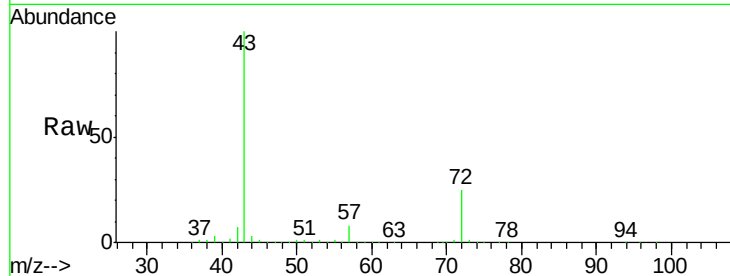
ClientSampled :

Tot Ion: 43 Resp: 614692

Ion Ratio Lower Upper

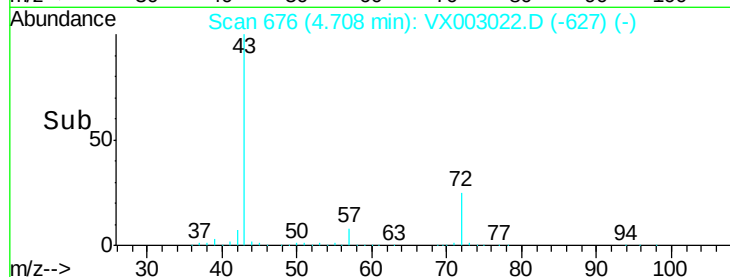
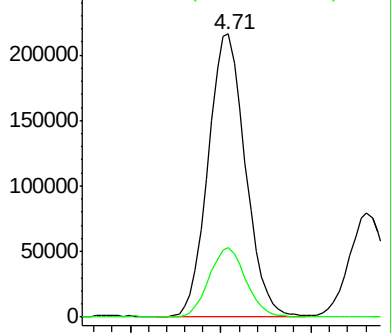
43 100

72 24.6 18.5 27.7

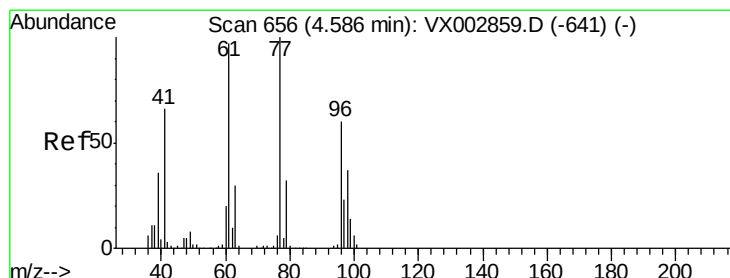


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 48.48 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003022.D

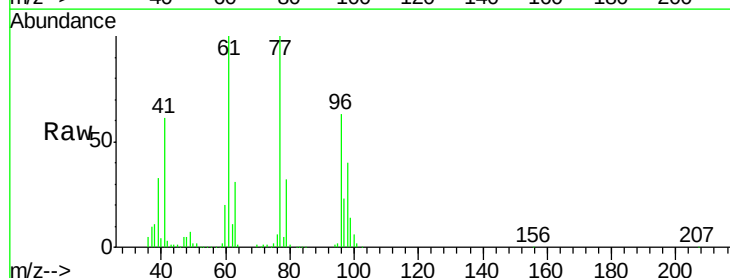
Acq: 29 Jun 2018 12:00

Tgt Ion: 77 Resp: 237584

Ion Ratio Lower Upper

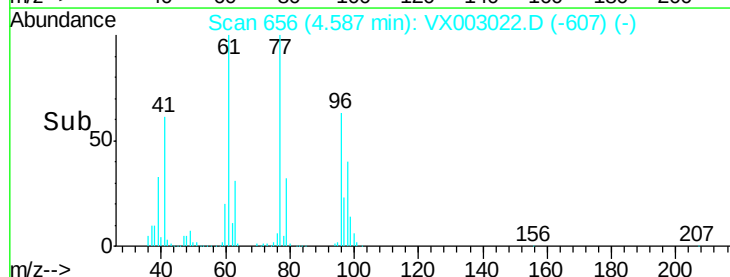
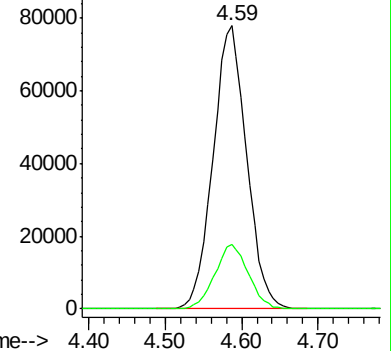
77 100

97 22.8 11.2 33.5

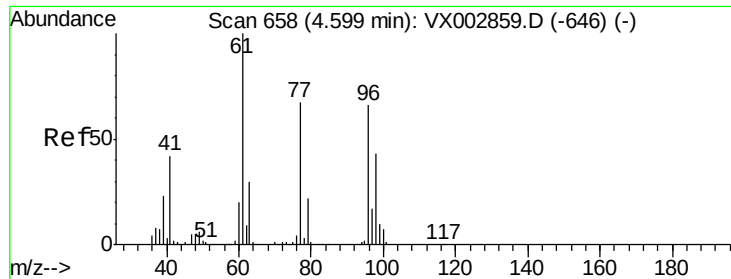


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 47.06 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampled :

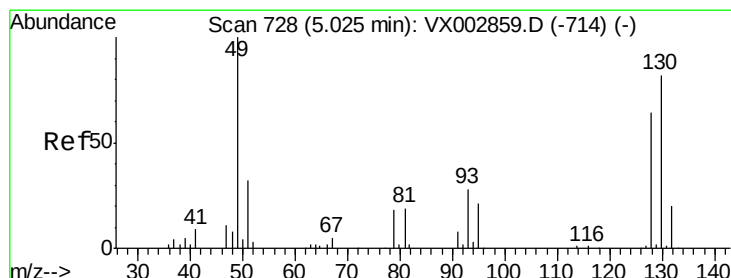
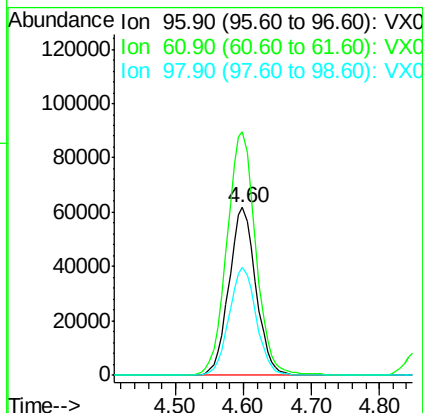
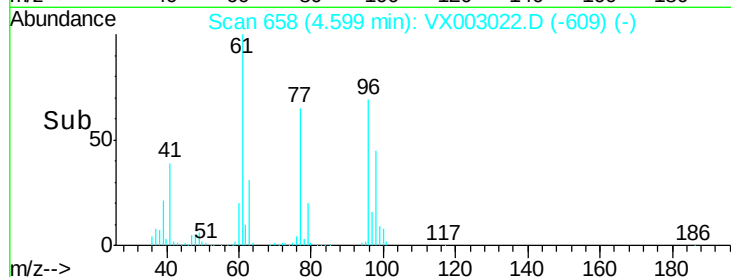
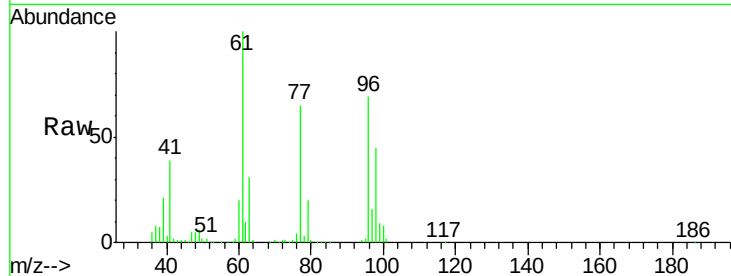
Tot Ion: 96 Resp: 169130

Ion Ratio Lower Upper

96 100

61 155.5 0.0 330.2

98 65.1 0.0 130.2



#28

Bromochloromethane

Concen: 49.24 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

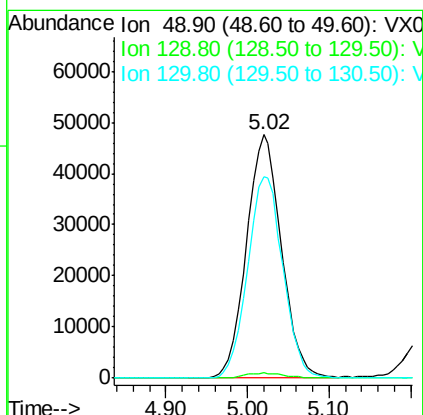
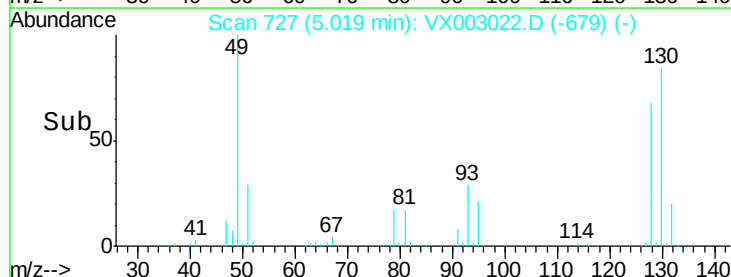
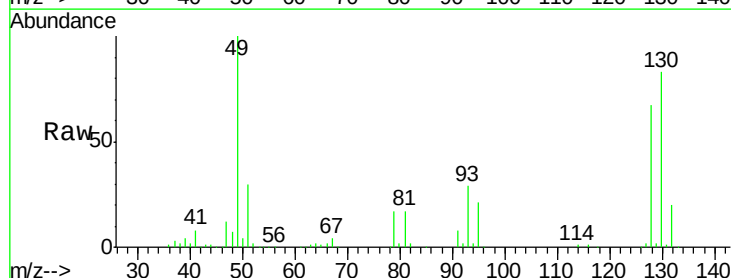
Tgt Ion: 49 Resp: 142043

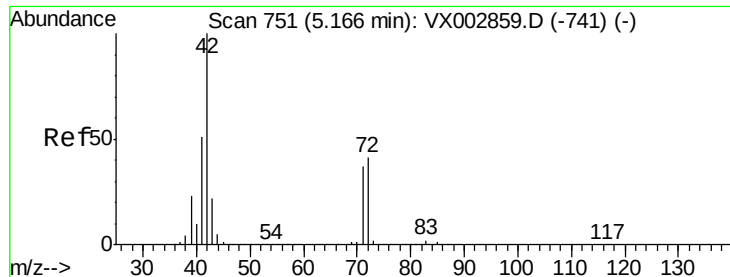
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 83.8 61.2 91.8





#29

Tetrahydrofuran

Concen: 227.39 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

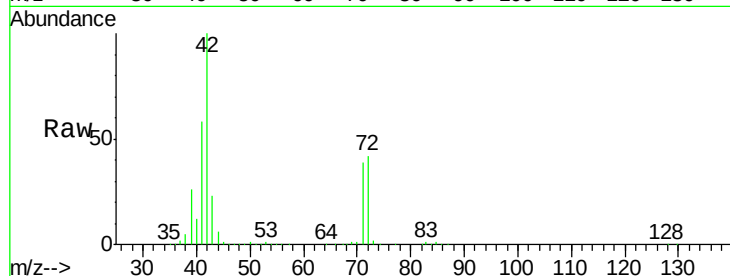
Tot Ion: 42 Resp: 369625

Ion Ratio Lower Upper

42 100

72 42.2 32.0 48.0

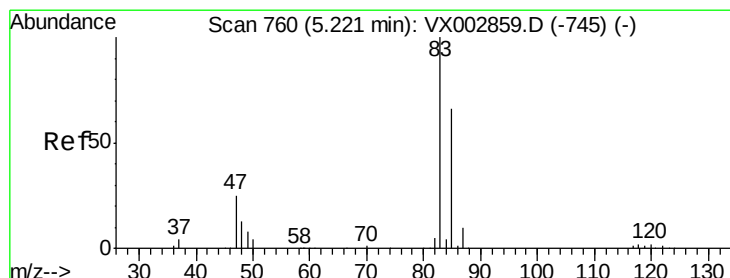
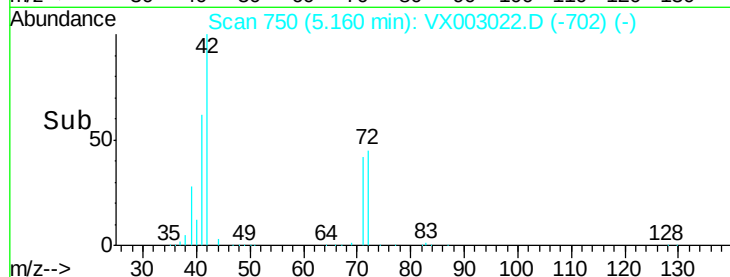
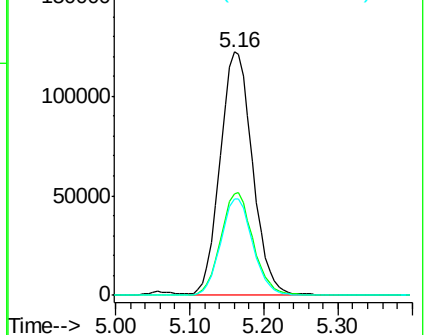
71 39.3 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.89 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX003022.D

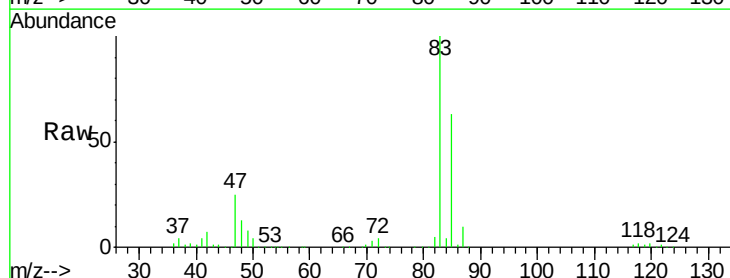
Acq: 29 Jun 2018 12:00

Tgt Ion: 83 Resp: 290036

Ion Ratio Lower Upper

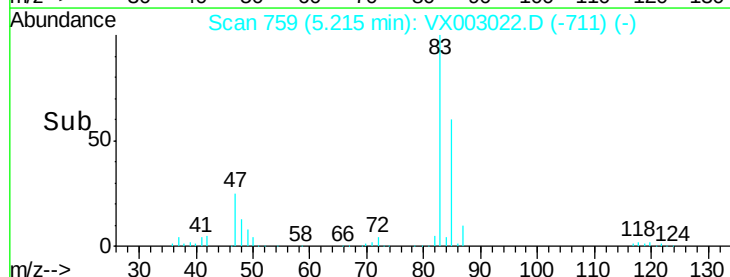
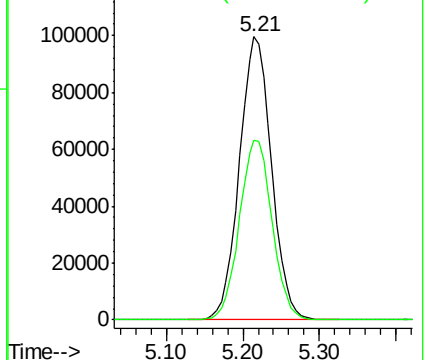
83 100

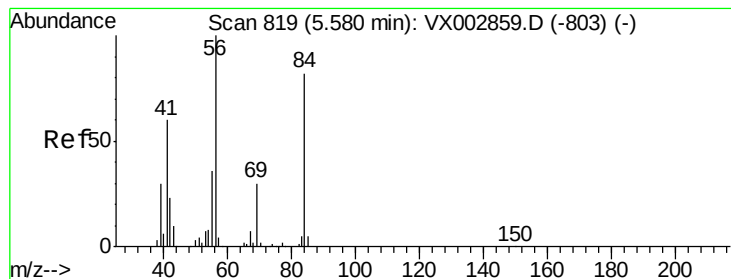
85 63.4 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.64 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

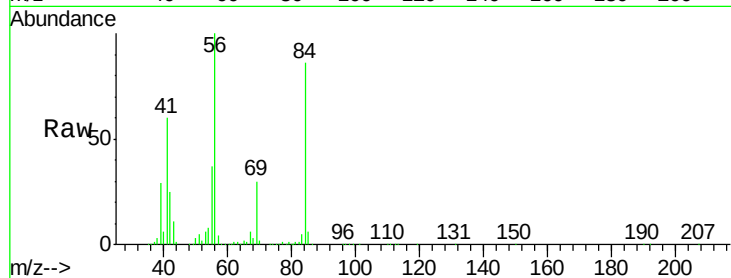
Tot Ion: 56 Resp: 246392

Ion Ratio Lower Upper

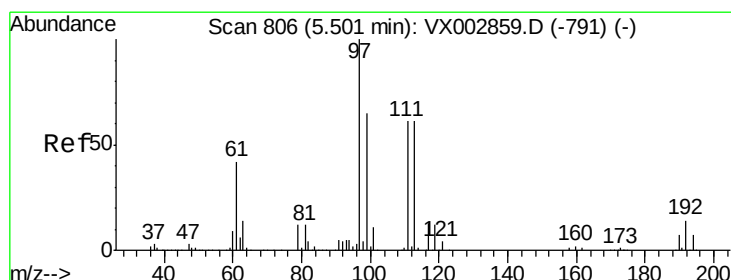
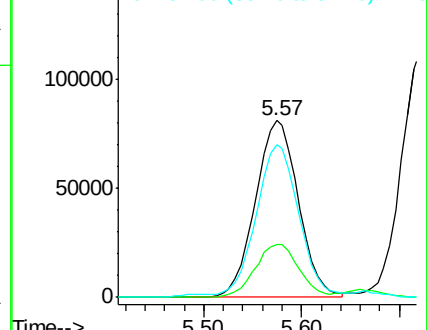
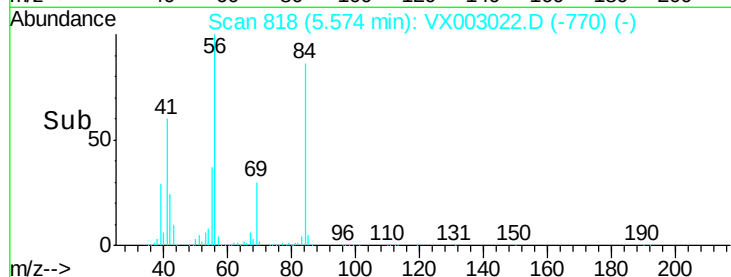
56 100

69 29.6 23.7 35.5

84 84.5 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 47.40 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

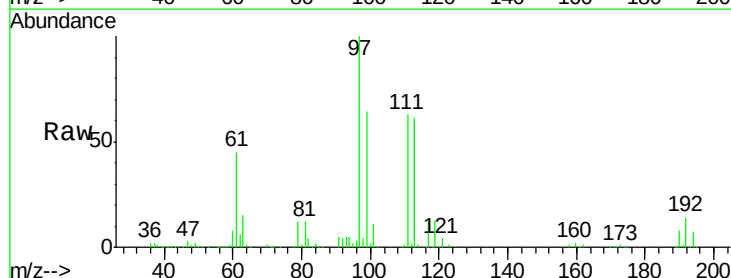
Tgt Ion: 97 Resp: 257944

Ion Ratio Lower Upper

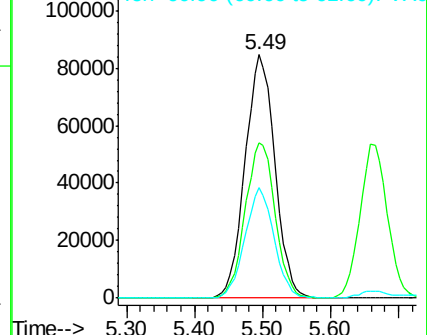
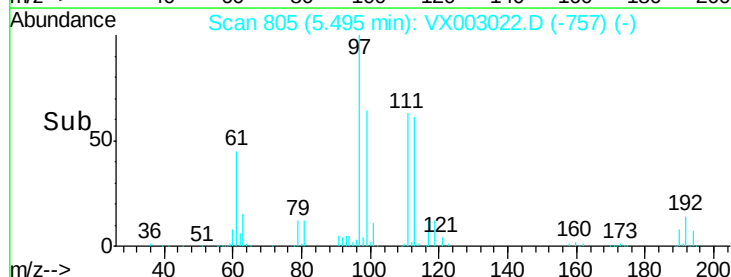
97 100

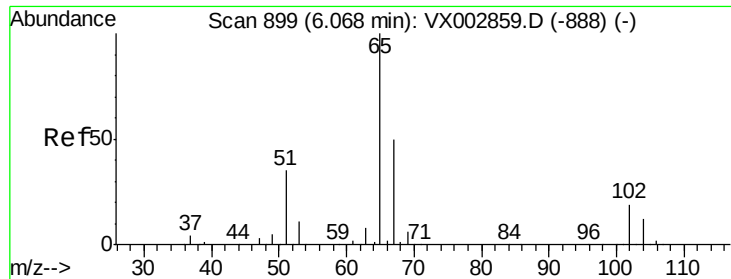
99 64.4 51.6 77.4

61 44.3 36.4 54.6



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

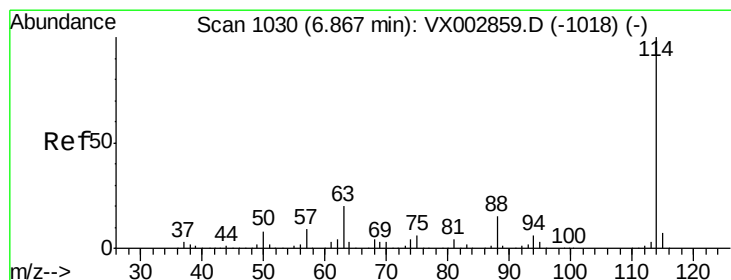
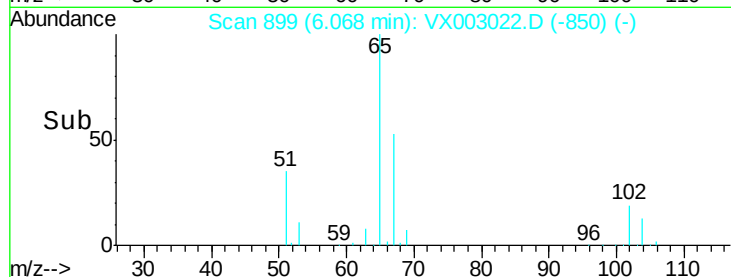
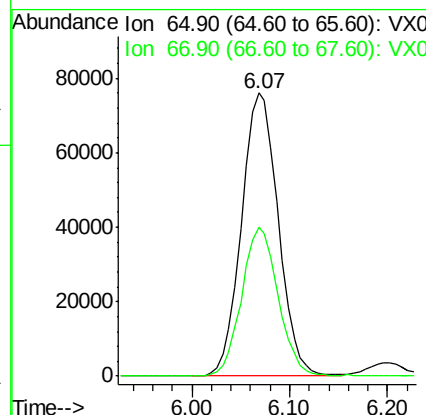
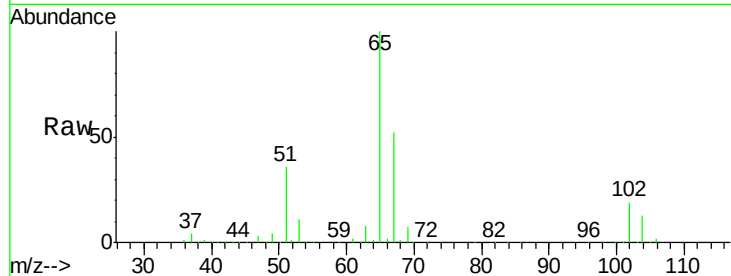




#33
 1,2-Dichloroethane-d4
 Concen: 48.13 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

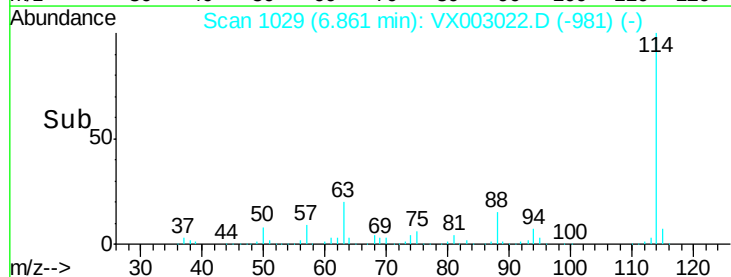
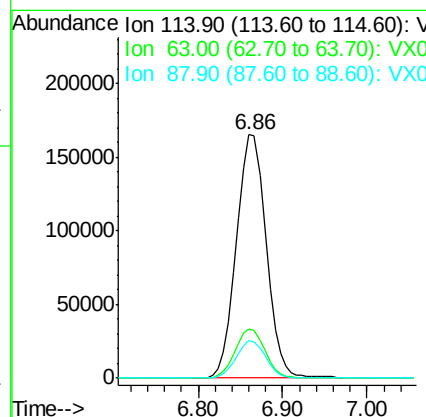
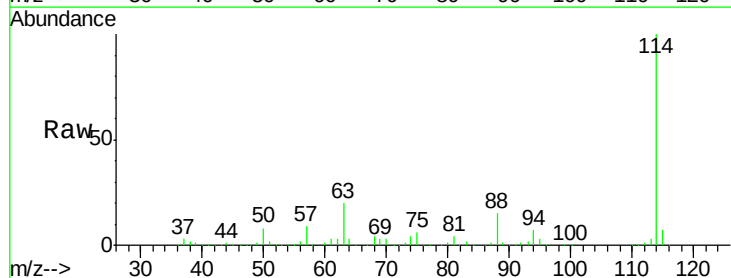
Instrument :
 MSVOA_X
 ClientSampleId :

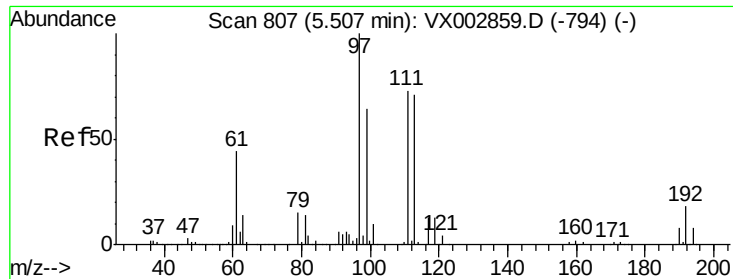
Tot Ion: 65 Resp: 198516
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion: 114 Resp: 398004
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.31 ug/l

RT: 5.51 min Scan# 807

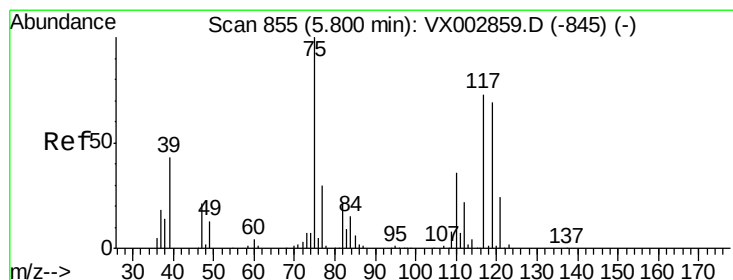
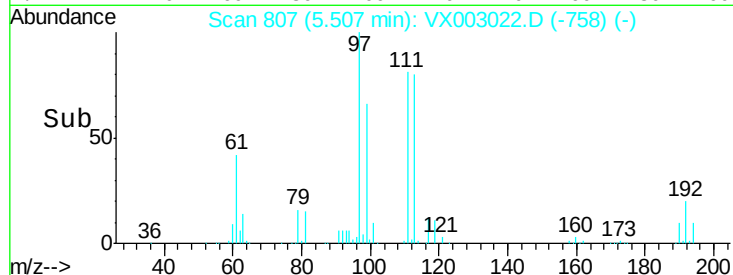
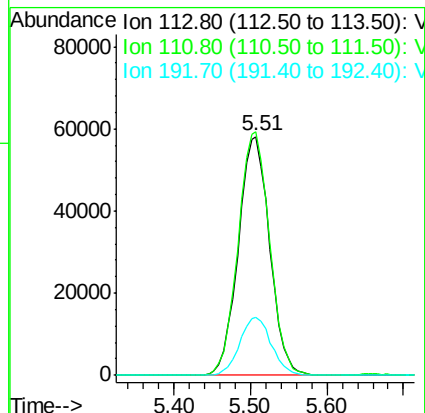
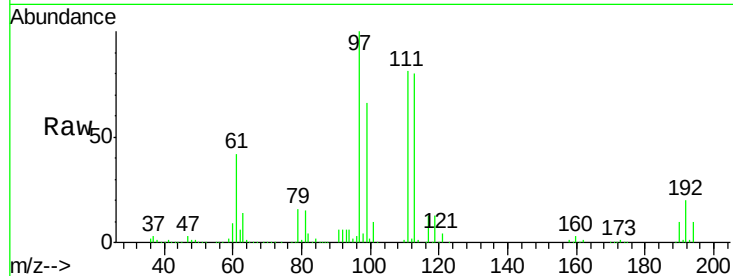
Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 164867
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 24.6 19.1 28.7



#36

1,1-Dichloropropene

Concen: 49.59 ug/l

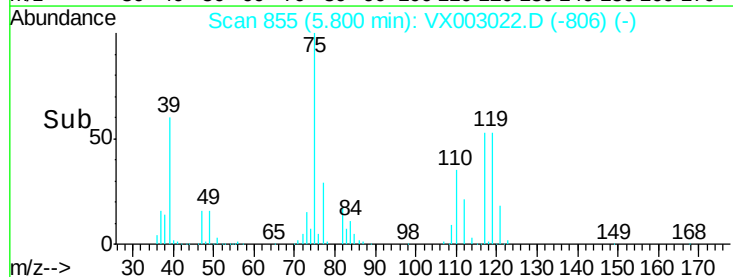
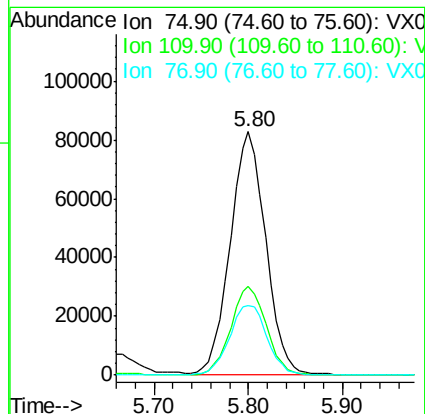
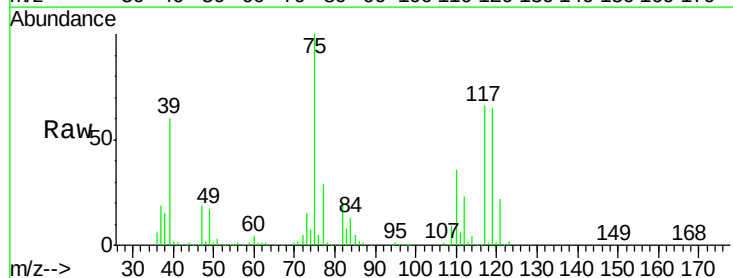
RT: 5.80 min Scan# 855

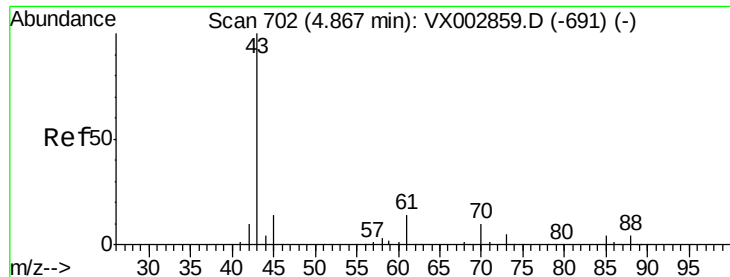
Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion: 75 Resp: 216448
Ion Ratio Lower Upper
75 100
110 36.9 18.1 54.4
77 30.8 24.3 36.5

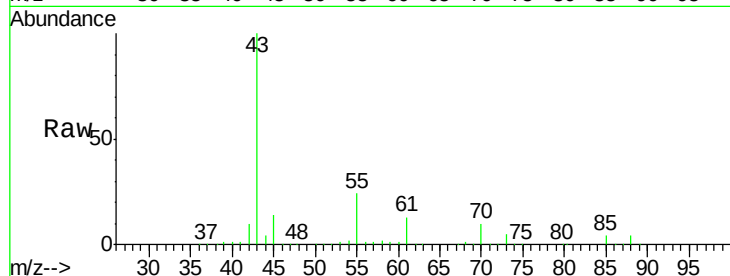




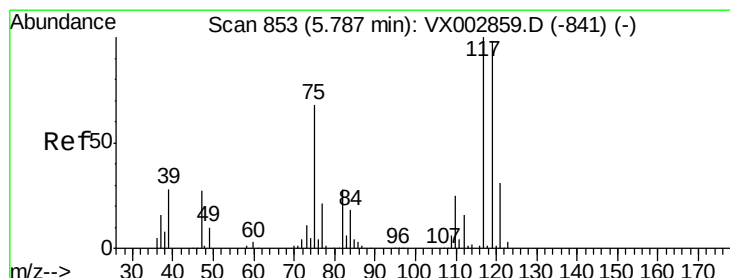
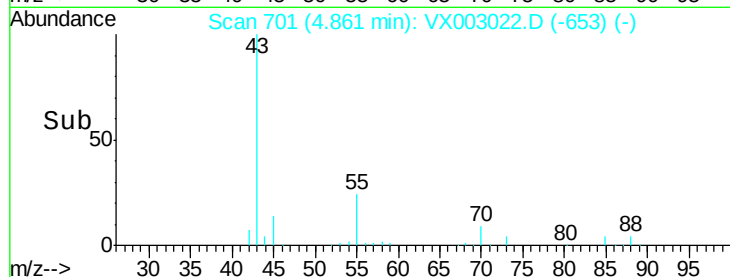
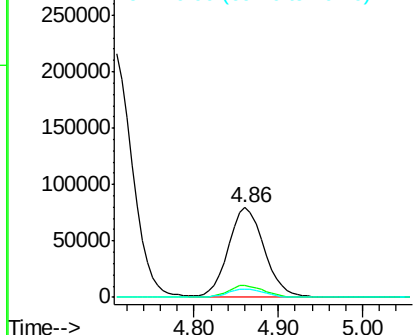
#37
Ethyl Acetate
Concen: 48.70 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 228864
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 9.9 7.6 11.4

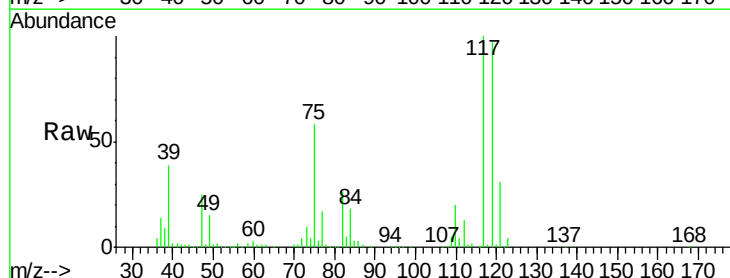


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

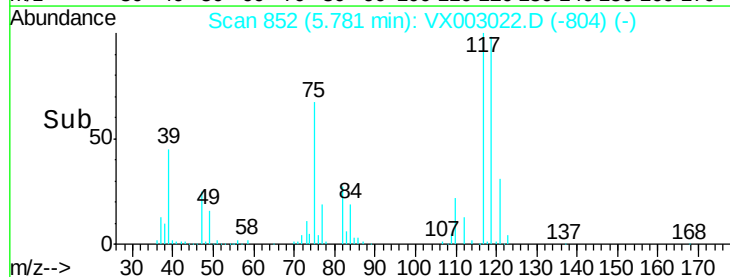
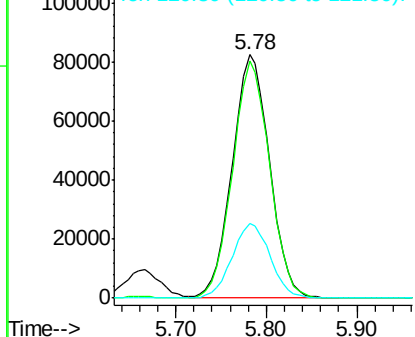


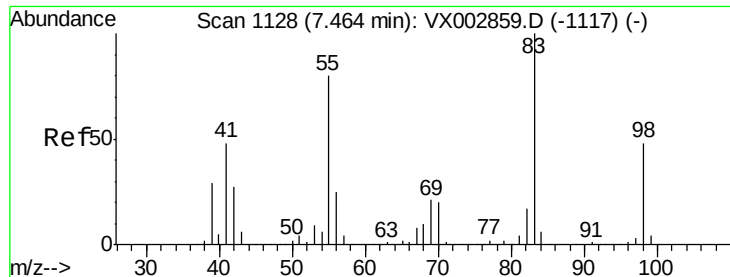
#38
Carbon Tetrachloride
Concen: 49.02 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion: 117 Resp: 234811
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
121 30.6 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

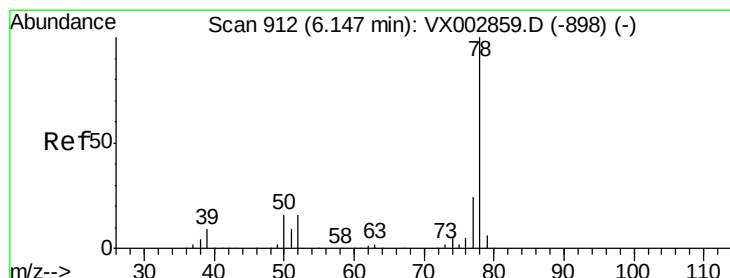
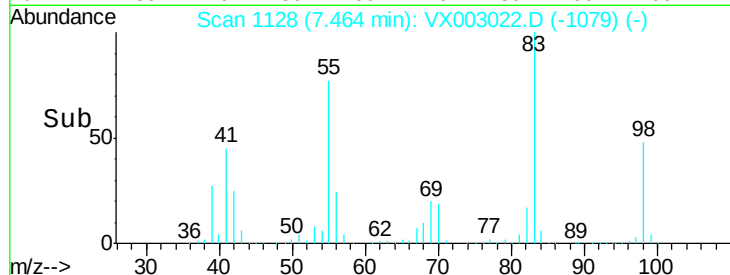
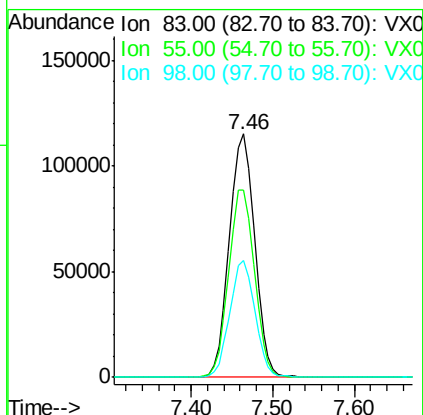
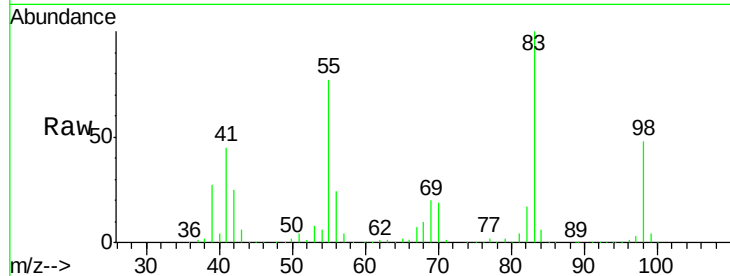




#39
Methylvlcyclohexane
Concen: 48.82 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

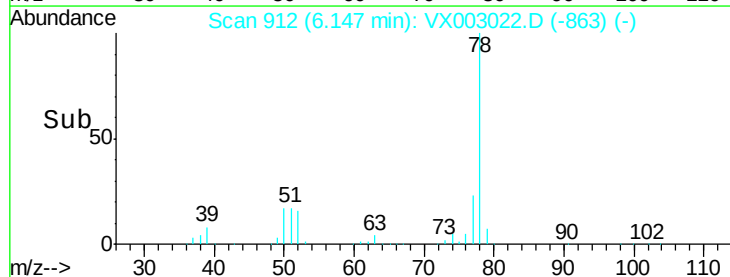
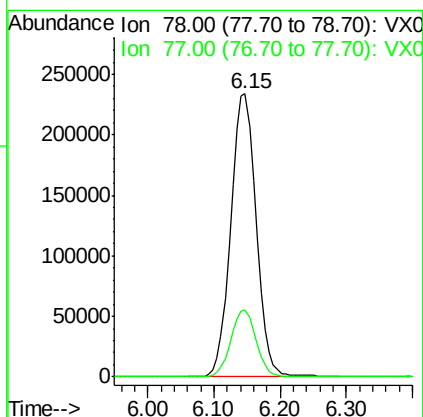
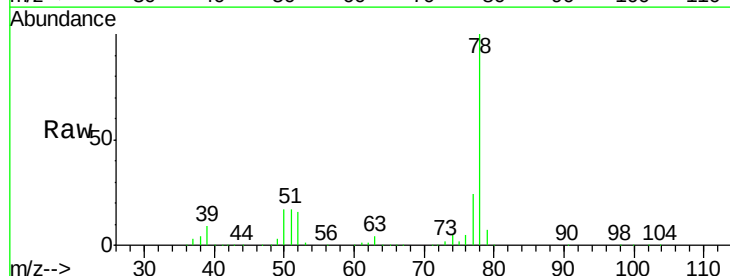
Instrument :
MSVOA_X
ClientSampleId :

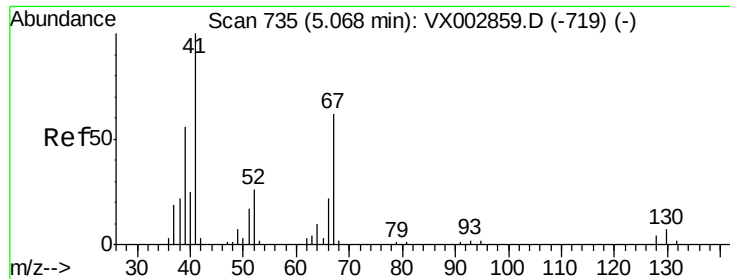
Tot Ion	83.00	Resp	248215
Ion	Ratio	Lower	Upper
83	100		
55	77.0	65.4	98.0
98	48.0	37.4	56.0



#40
Benzene
Concen: 49.20 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	78	Resp	623892
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7

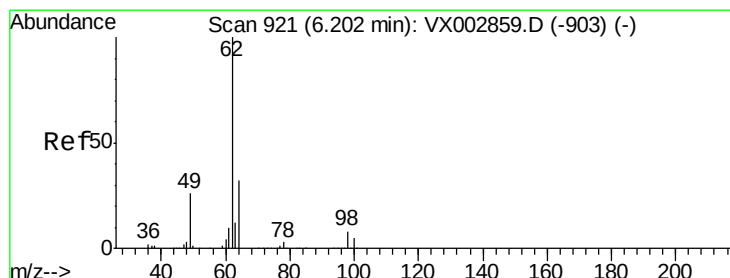
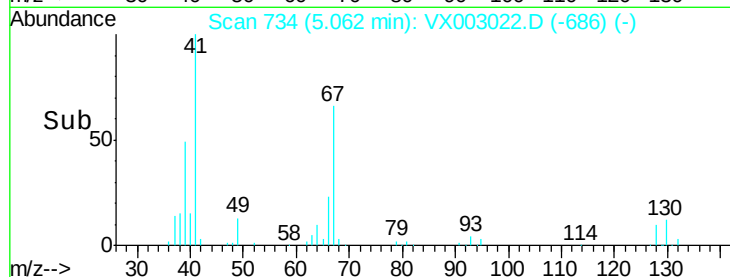
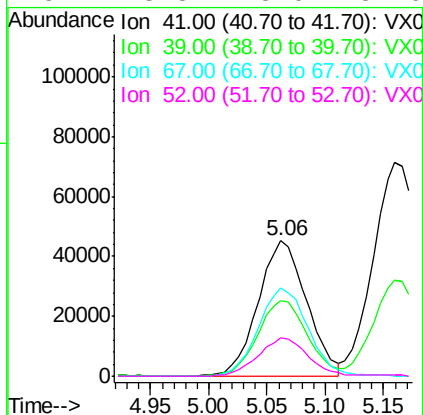
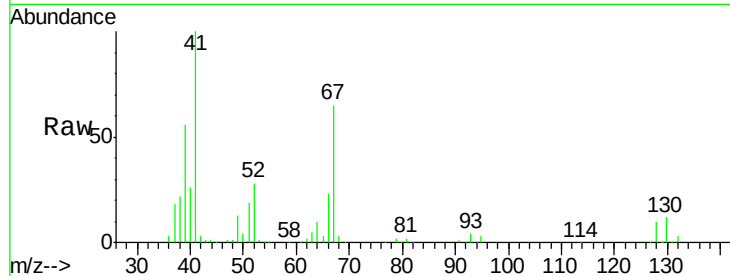




#41
Methacrylonitrile
Concen: 48.02 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

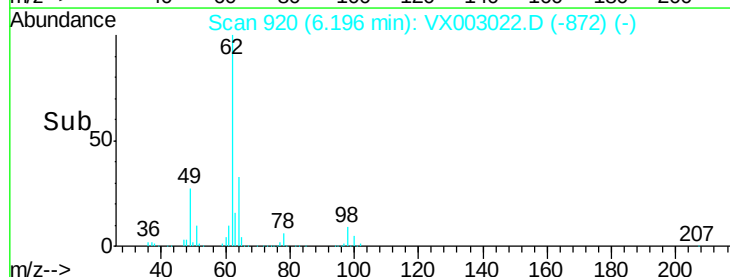
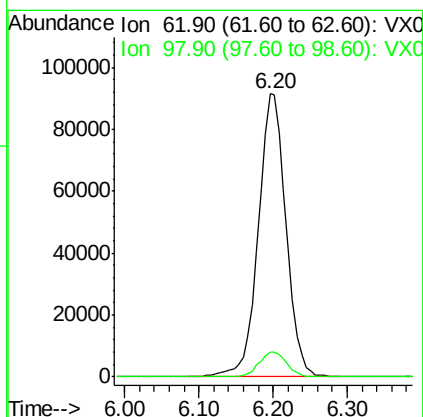
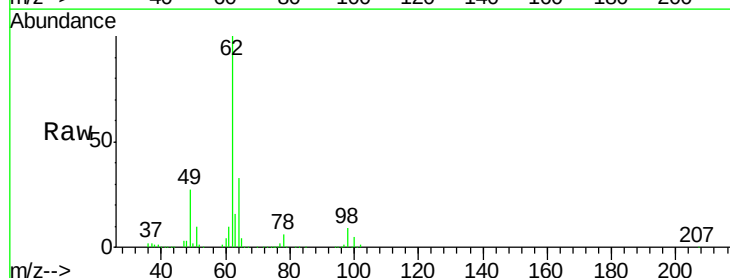
Instrument :
MSVOA_X
ClientSampleId :

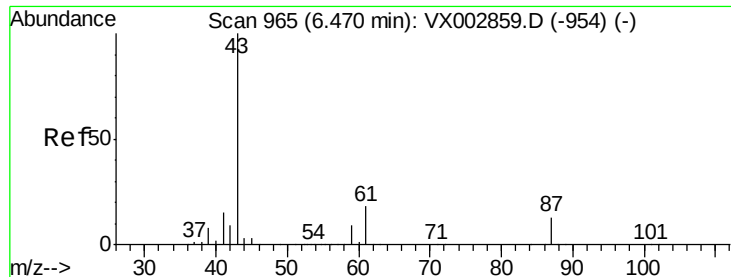
Tot Ion:	41	Resp:	129952
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.8	68.6
67	67.1	51.3	76.9
52	28.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 46.24 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion:	62	Resp:	236885
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 47.84 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampled :

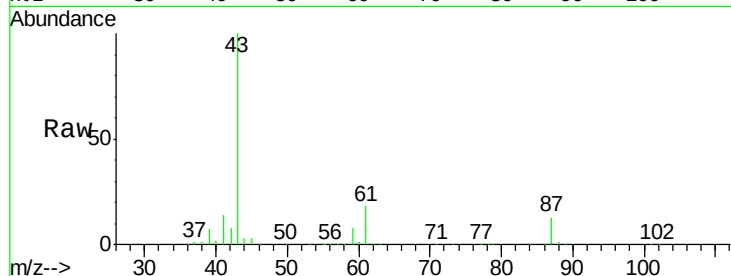
Tot Ion: 43 Resp: 377048

Ion Ratio Lower Upper

43 100

61 18.4 14.4 21.6

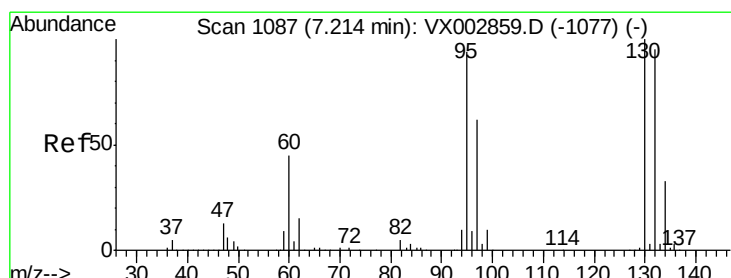
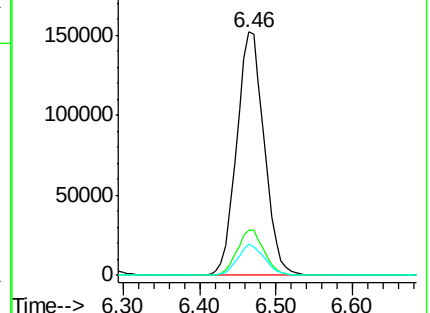
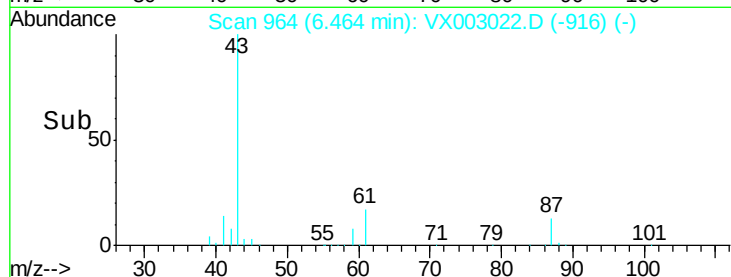
87 12.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.16 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003022.D

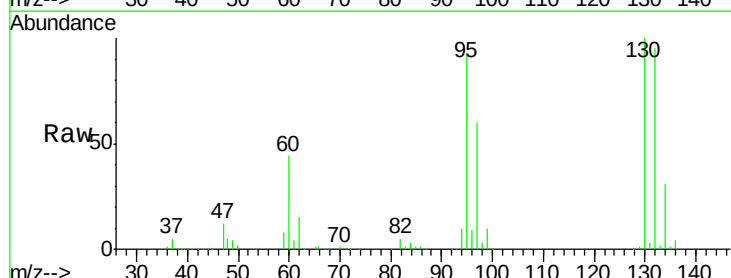
Acq: 29 Jun 2018 12:00

Tgt Ion:130 Resp: 185859

Ion Ratio Lower Upper

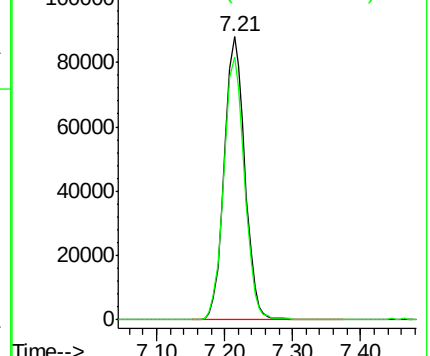
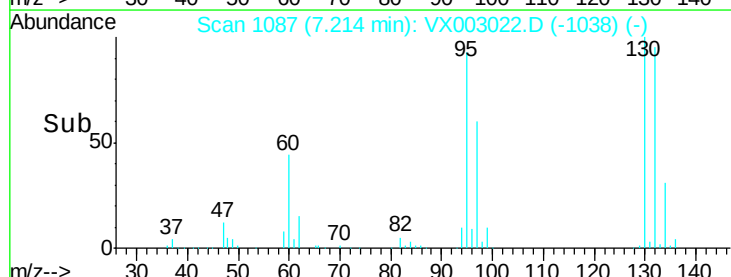
130 100

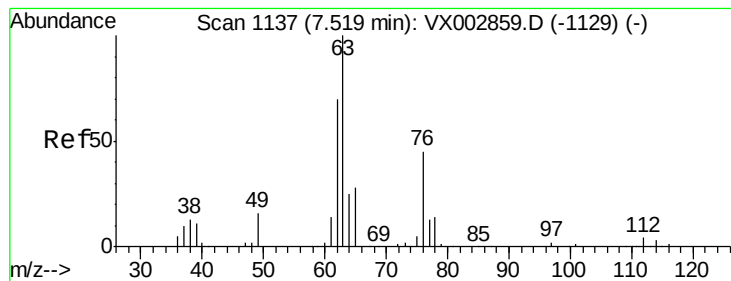
95 93.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.35 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

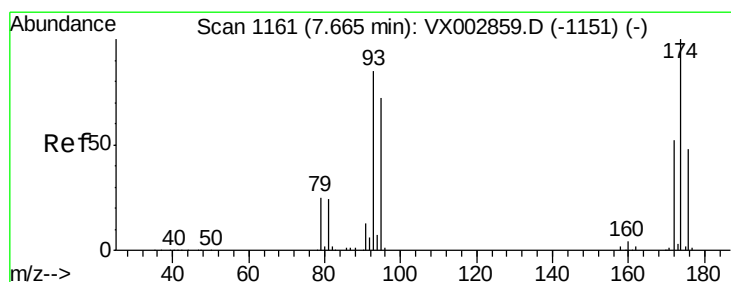
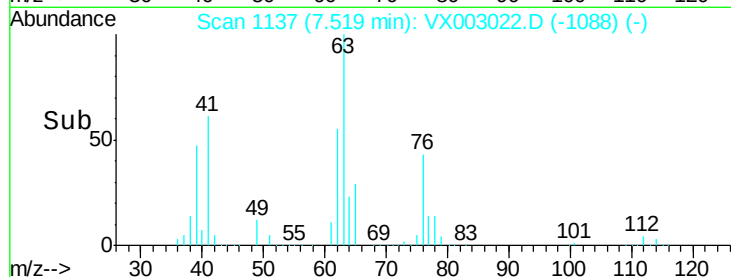
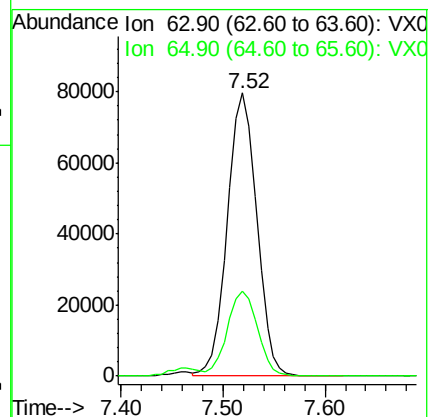
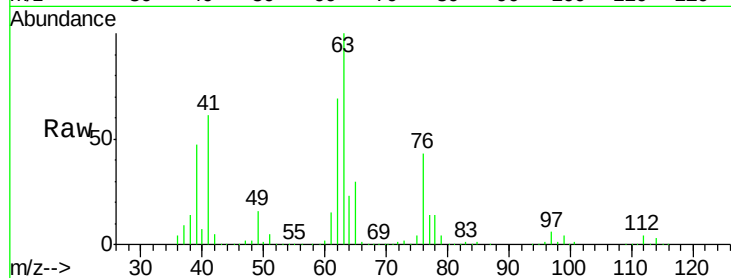
ClientSampled :

Tot Ion: 63 Resp: 159272

Ion Ratio Lower Upper

63 100

65 30.0 24.7 37.1



#46

Dibromomethane

Concen: 47.62 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

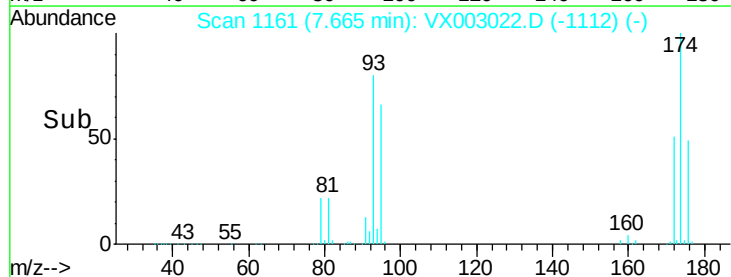
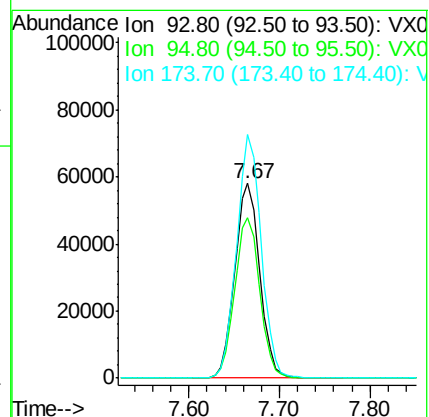
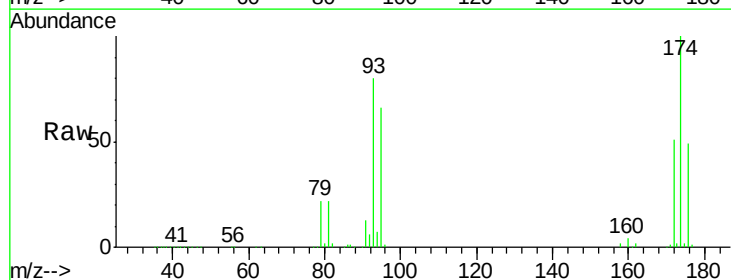
Tgt Ion: 93 Resp: 111177

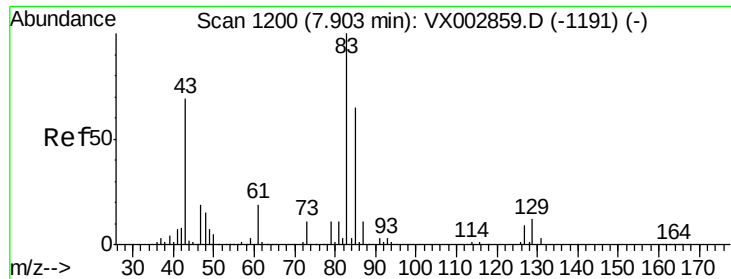
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

174 123.1 92.4 138.6





#47

Bromodichloromethane

Concen: 50.21 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

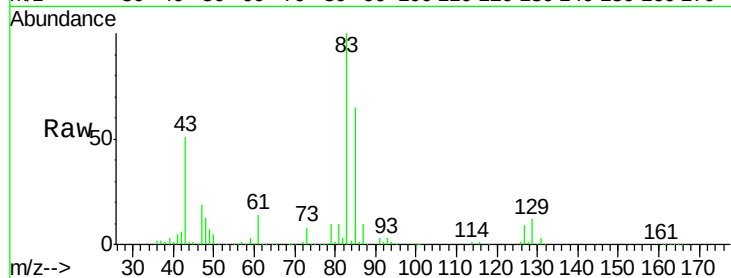
Tot Ion: 83 Resp: 21698

Ion Ratio Lower Upper

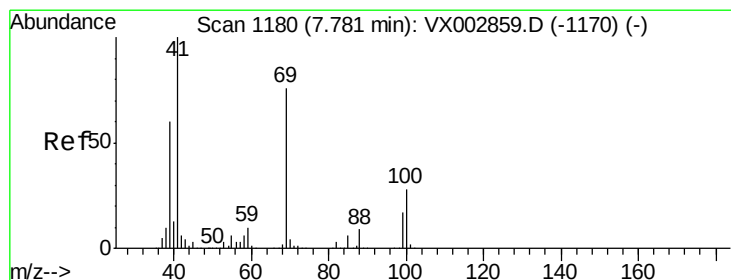
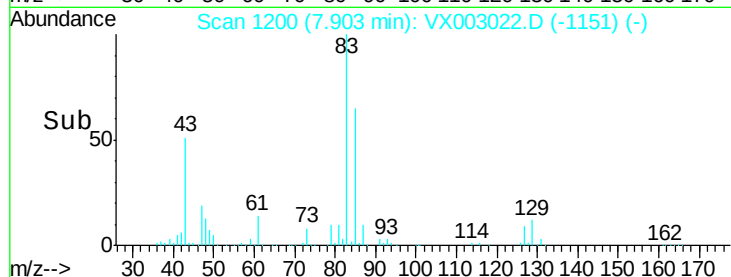
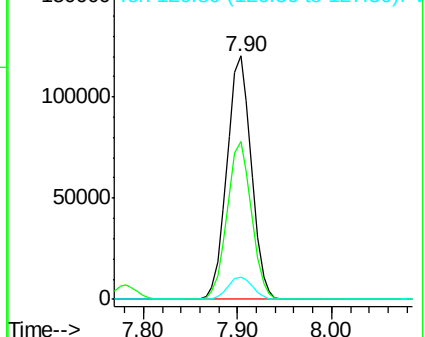
83 100

85 65.0 50.3 75.5

127 9.0 7.0 10.4



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



#48

Methyl methacrylate

Concen: 48.06 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

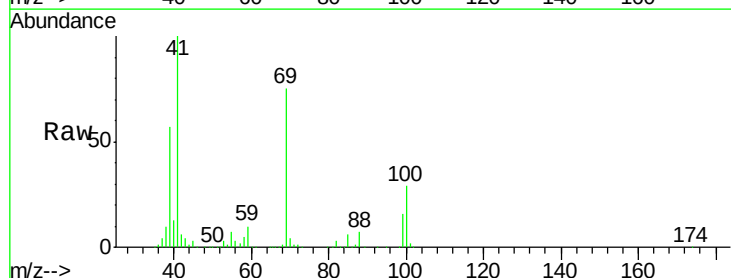
Tgt Ion: 41 Resp: 195182

Ion Ratio Lower Upper

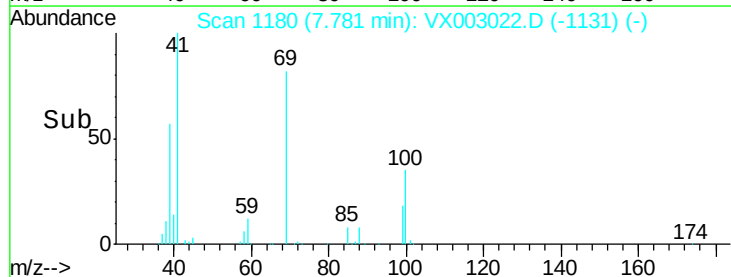
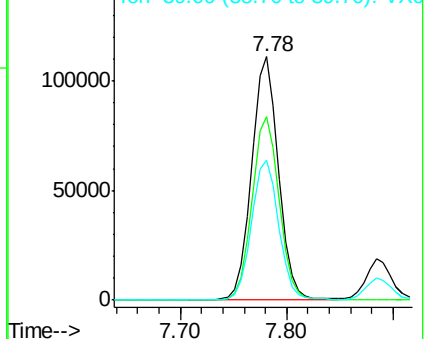
41 100

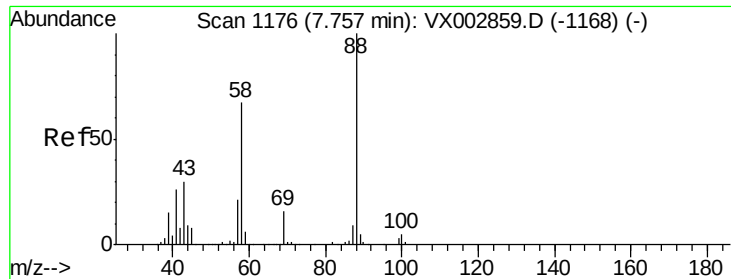
69 76.9 59.1 88.7

39 58.3 48.9 73.3



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

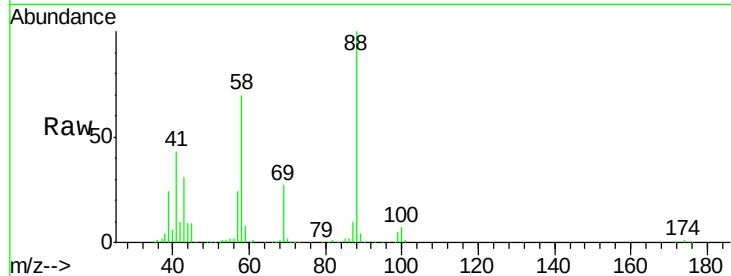




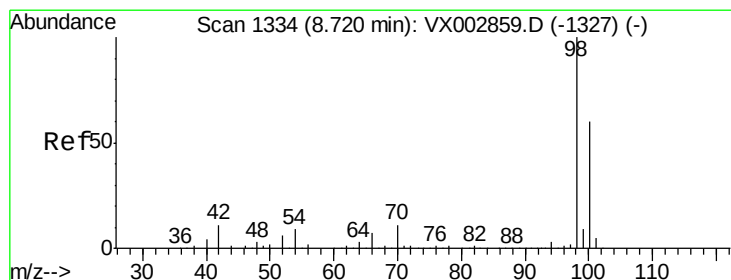
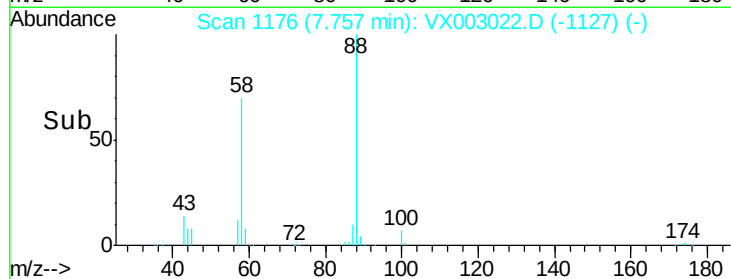
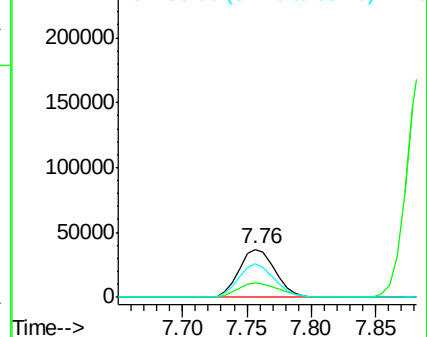
#49
 1,4-Dioxane
 Concen: 910.52 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 71940
 Ion Ratio Lower Upper
 88 100
 43 34.6 29.8 44.6
 58 69.2 57.1 85.7

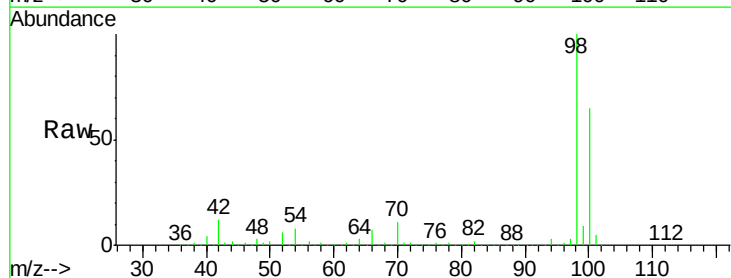


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

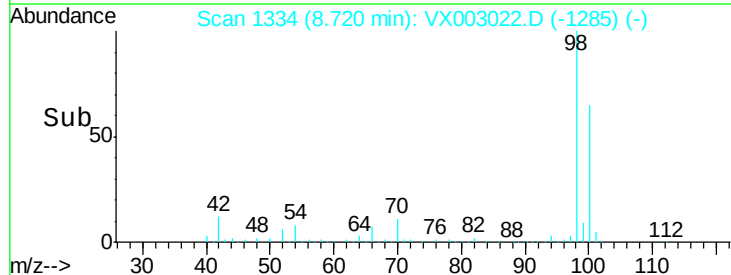
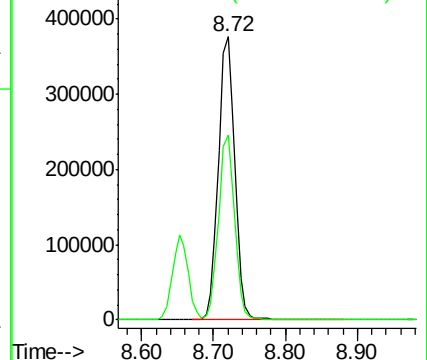


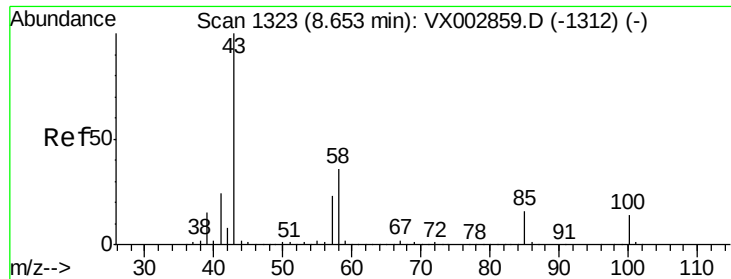
#50
 Toluene-d8
 Concen: 51.57 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion: 98 Resp: 593593
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.9 76.3



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: 241.21 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

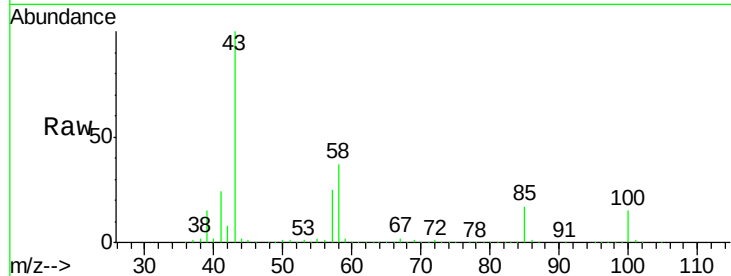
ClientSampleId :

Tot Ion: 43 Resp: 1189425

Ion Ratio Lower Upper

43 100

58 37.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

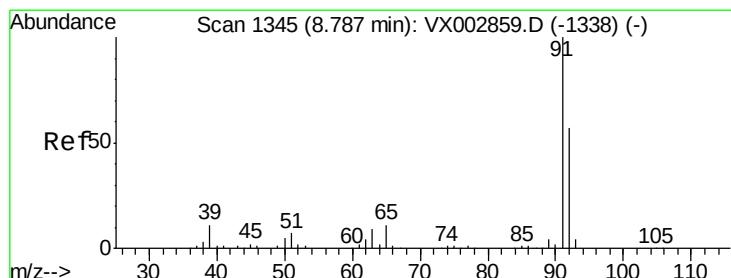
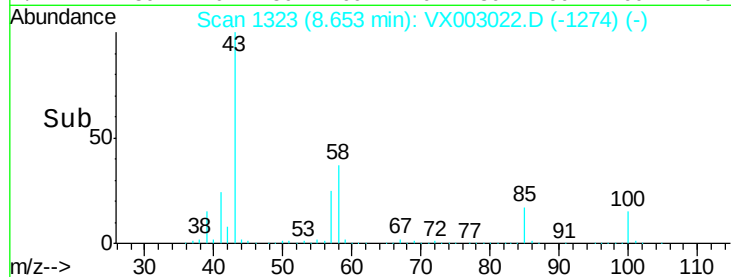
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.74 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003022.D

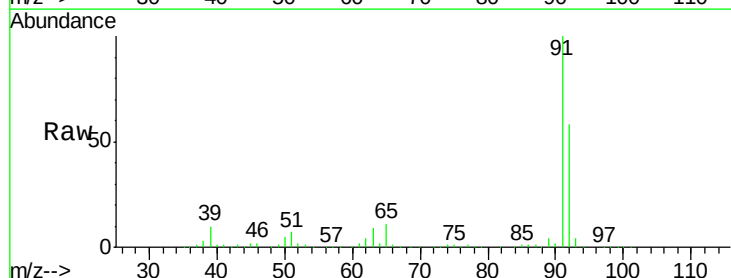
Acq: 29 Jun 2018 12:00

Tgt Ion: 92 Resp: 404066

Ion Ratio Lower Upper

92 100

91 174.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

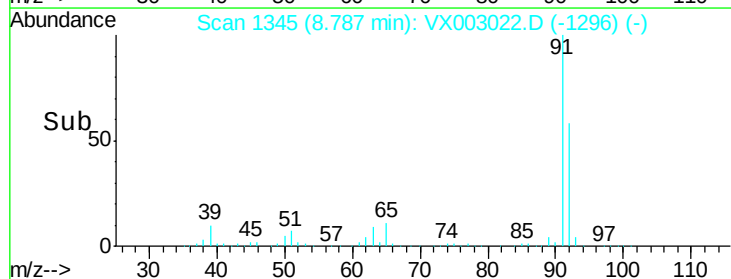
300000

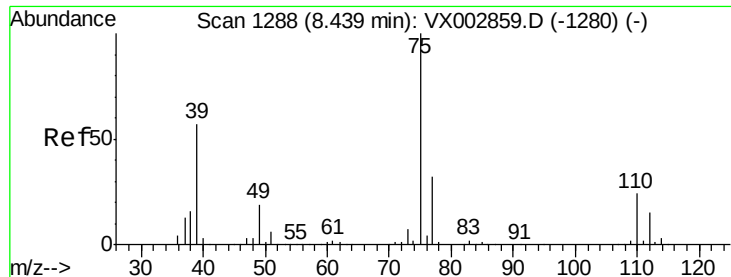
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.92 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

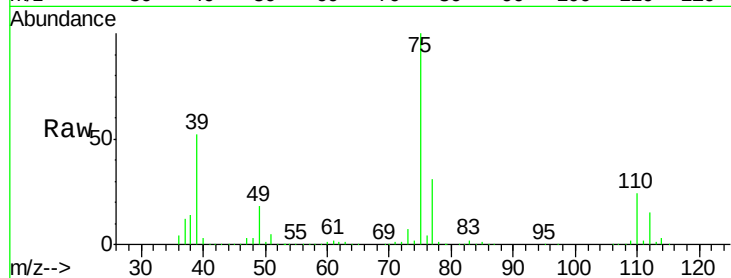
ClientSampleId :

Tot Ion: 75 Resp: 253777

Ion Ratio Lower Upper

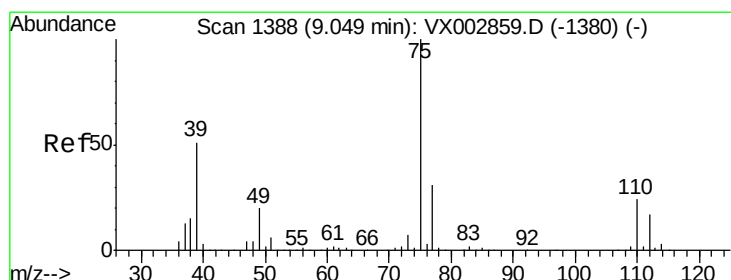
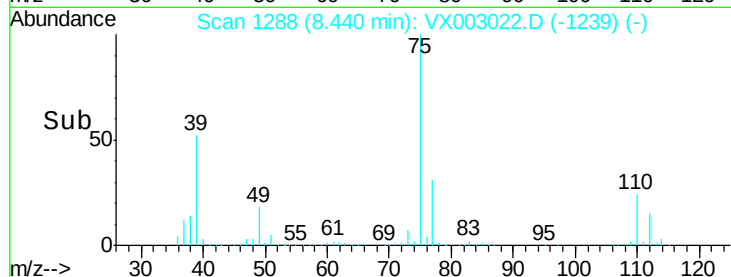
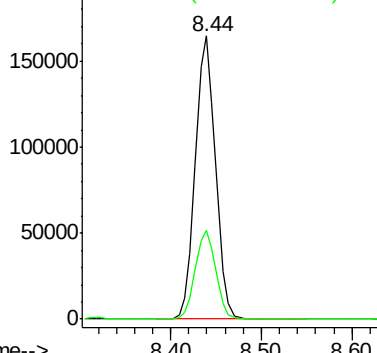
75 100

77 31.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.83 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

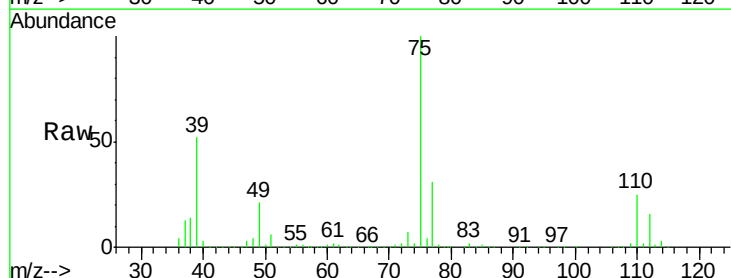
Tgt Ion: 75 Resp: 239050

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

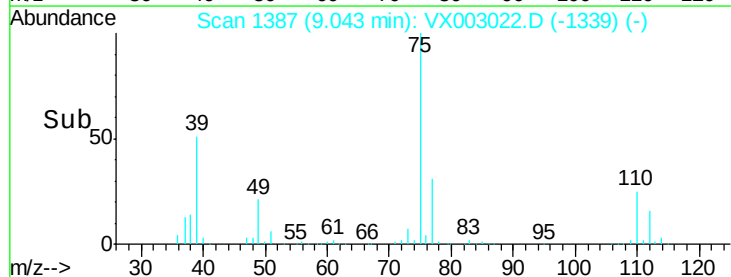
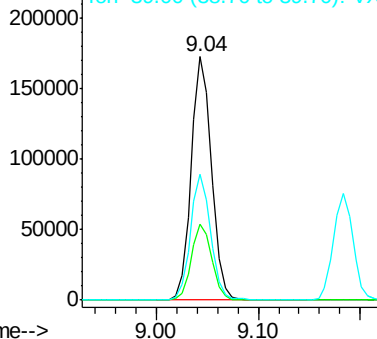
39 51.5 42.4 63.6

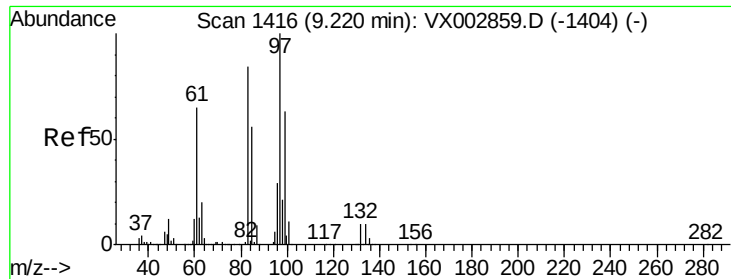


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

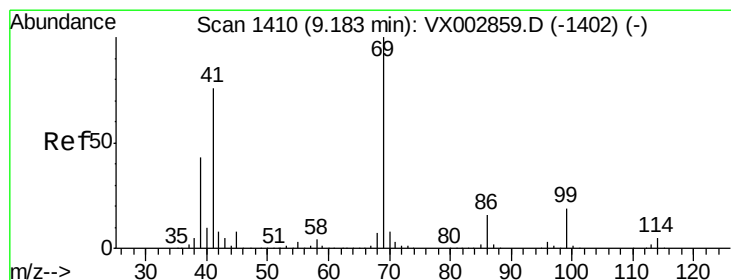
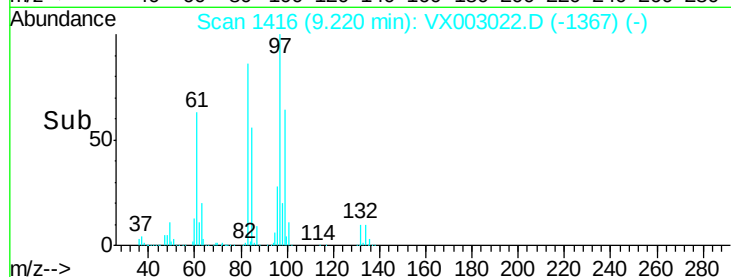
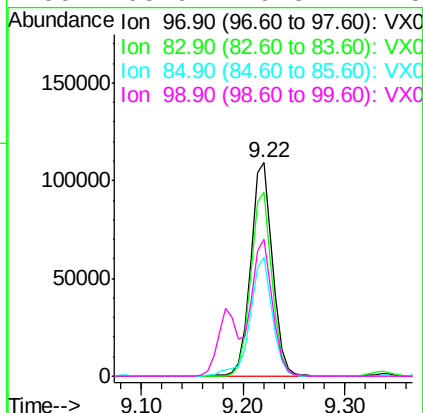
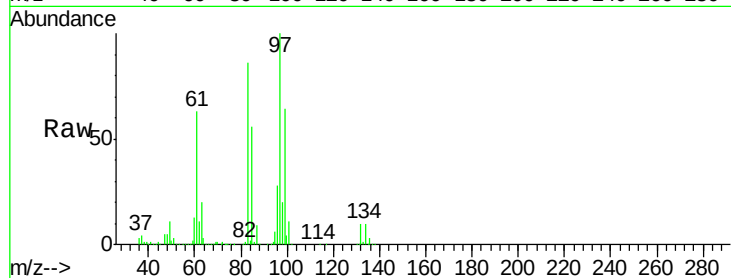




#55
1,1,2-Trichloroethane
Concen: 49.07 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

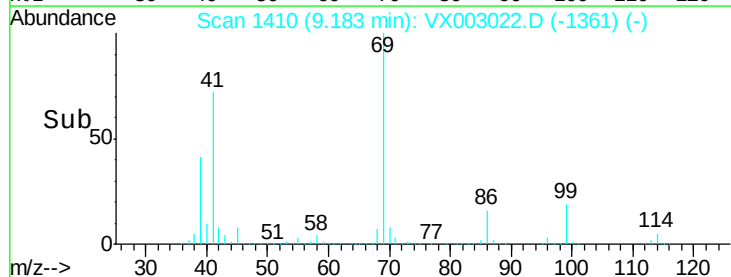
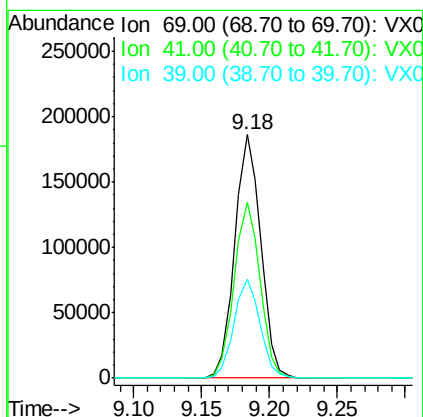
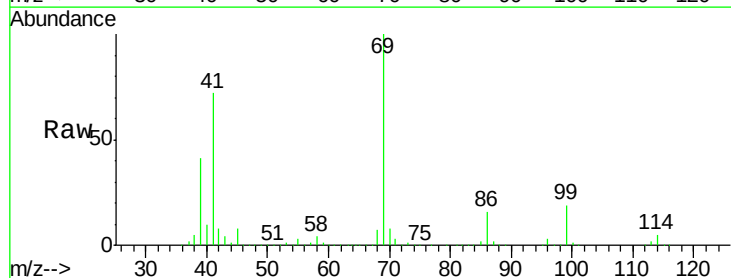
Instrument :
MSVOA_X
ClientSampleId :

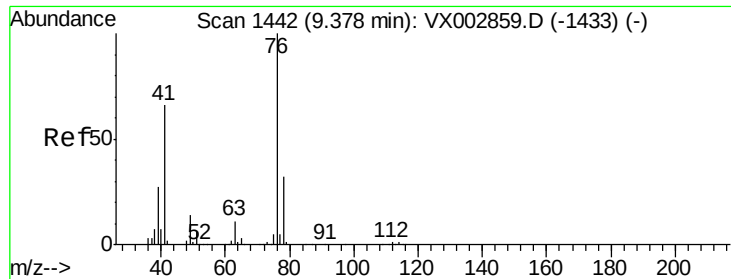
Tot Ion:	97	Resp:	163803
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.2	105.2
85	56.0	44.9	67.3
99	63.9	49.8	74.8



#56
Ethyl methacrylate
Concen: 50.89 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion:	69	Resp:	248272
Ion	Ratio	Lower	Upper
69	100		
41	72.1	60.3	90.5
39	40.5	35.8	53.8

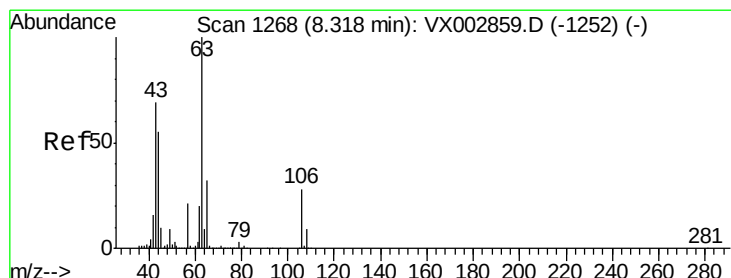
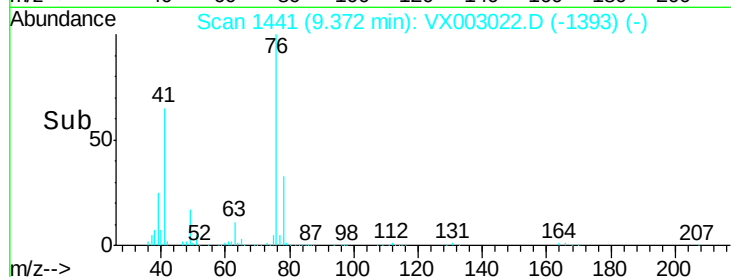
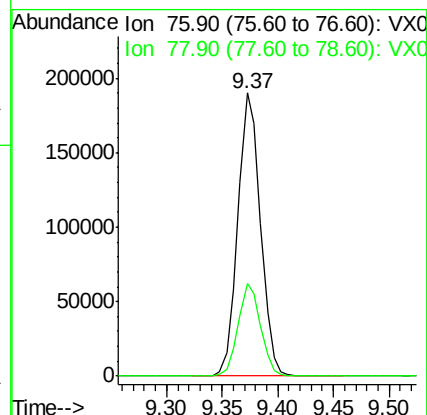
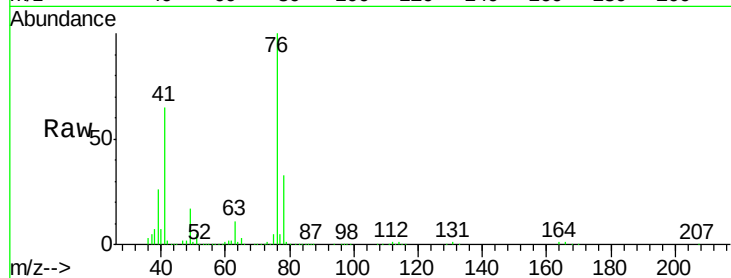




#57
 1,3-Dichloropropane
 Concen: 48.80 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

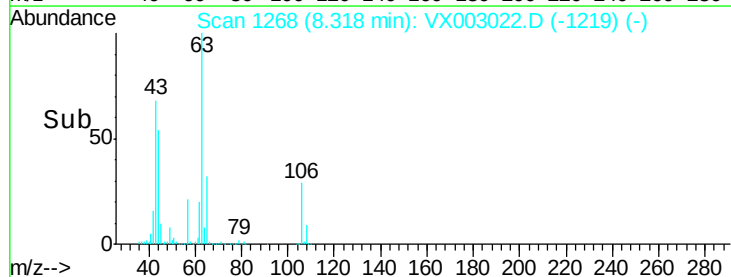
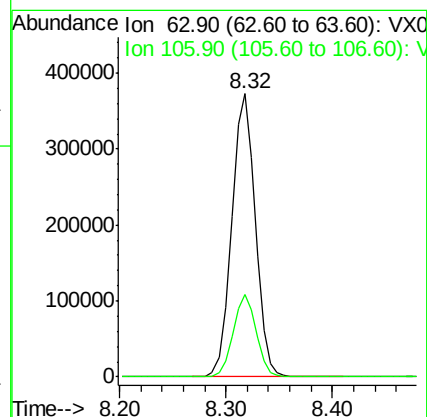
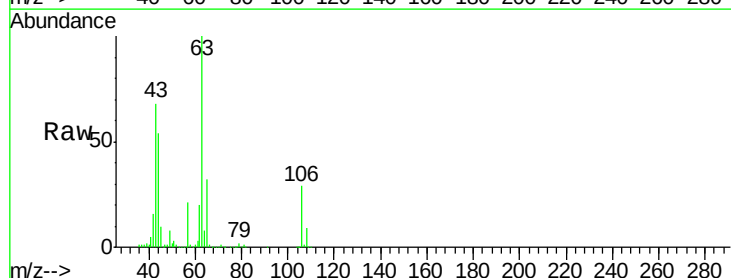
Instrument :
 MSVOA_X
 ClientSampled :

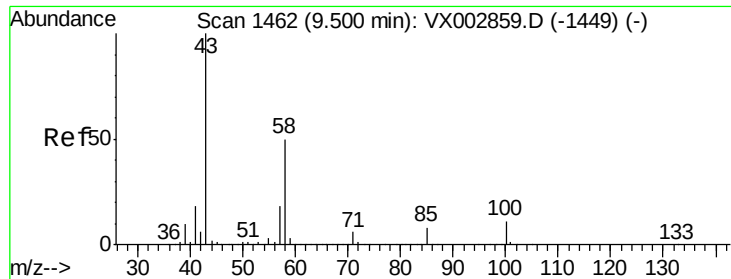
Tot Ion: 76 Resp: 267583
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.40 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion: 63 Resp: 577635
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8

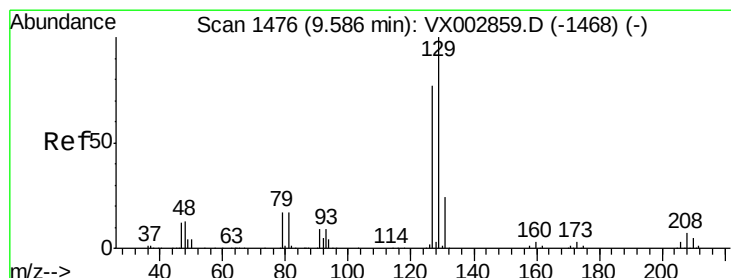
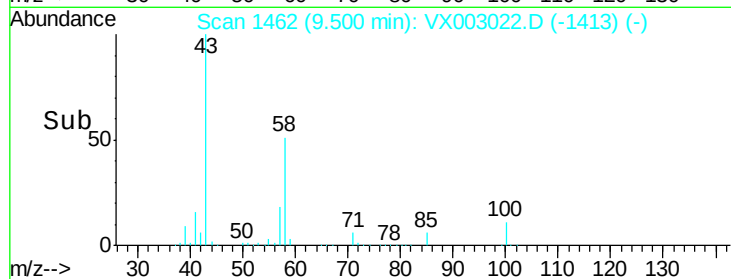
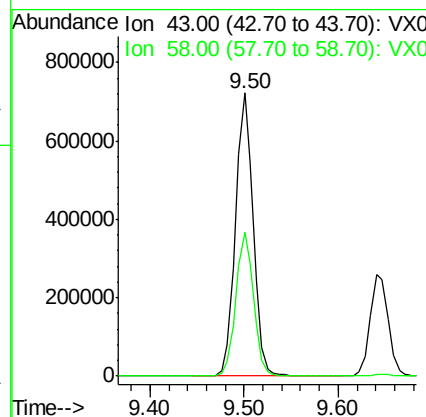
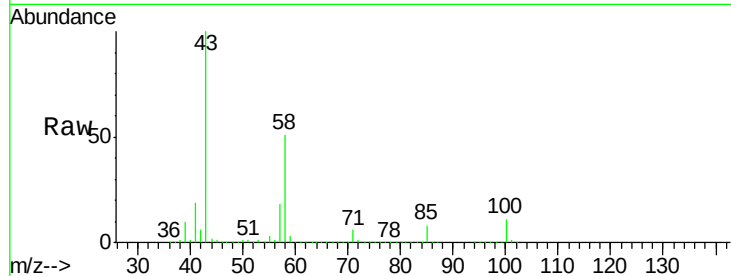




#59
2-Hexanone
Concen: 250.24 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

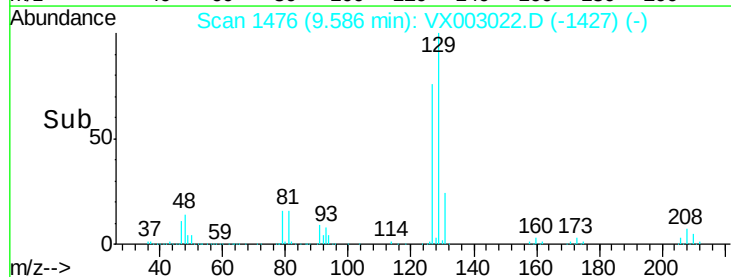
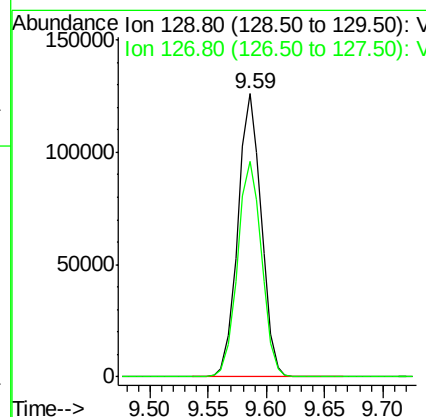
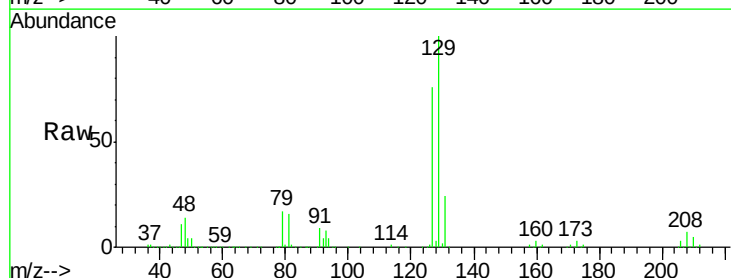
Instrument :
MSVOA_X
ClientSampleId :

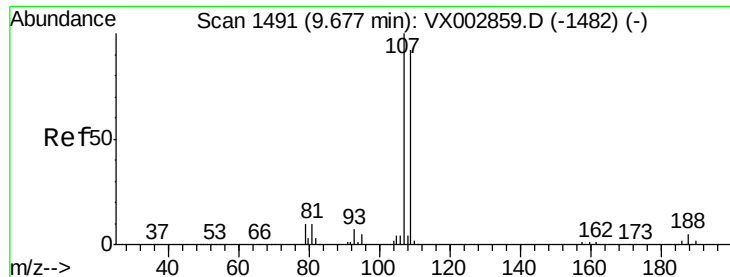
Tot Ion: 43 Resp: 937838
Ion Ratio Lower Upper
43 100
58 50.8 24.6 73.6



#60
Dibromochloromethane
Concen: 50.46 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion: 129 Resp: 177337
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.05 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

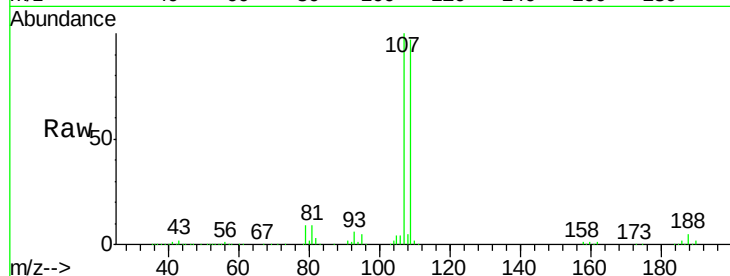
ClientSampled :

Tot Ion:107 Resp: 175262

Ion Ratio Lower Upper

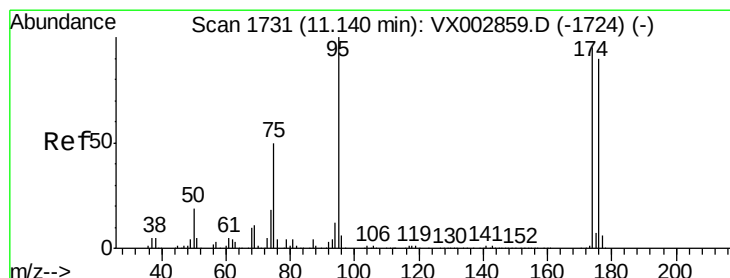
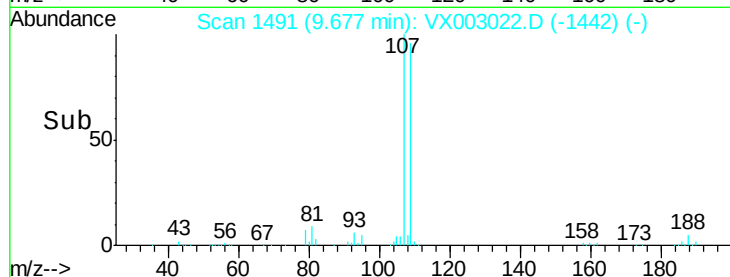
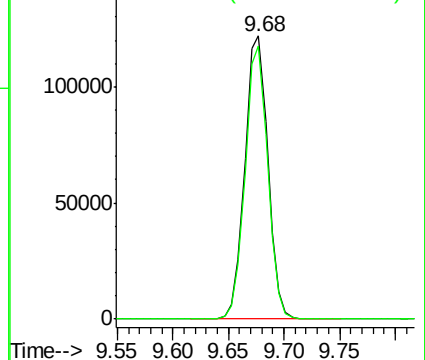
107 100

109 94.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.42 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

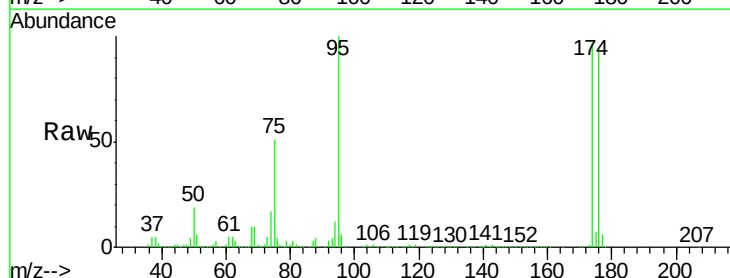
Tgt Ion: 95 Resp: 232665

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

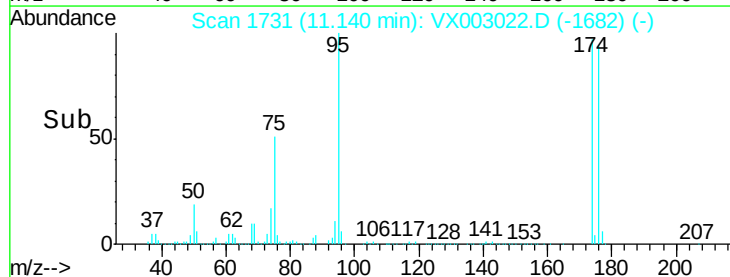
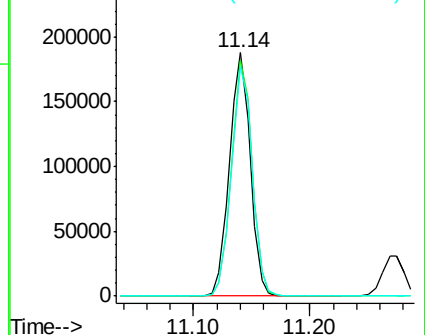
176 95.3 0.0 181.0

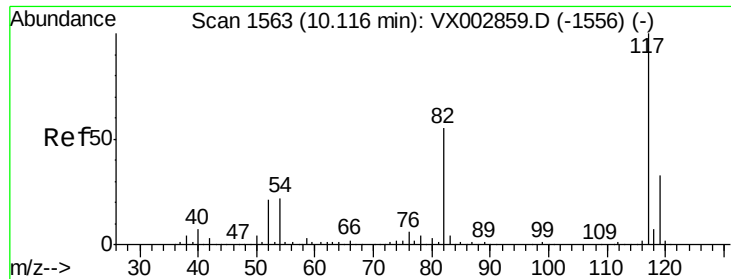


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

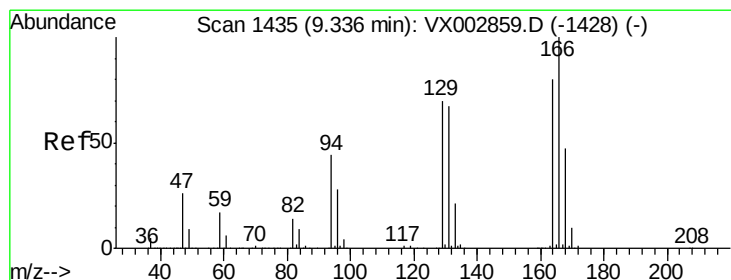
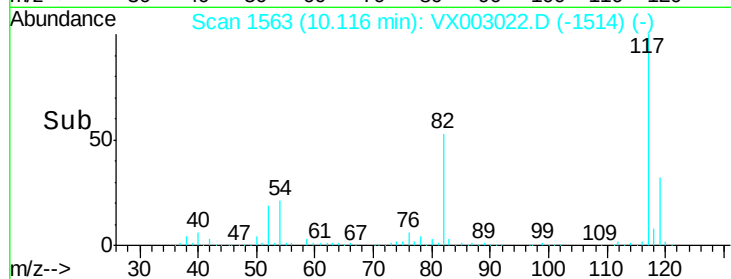
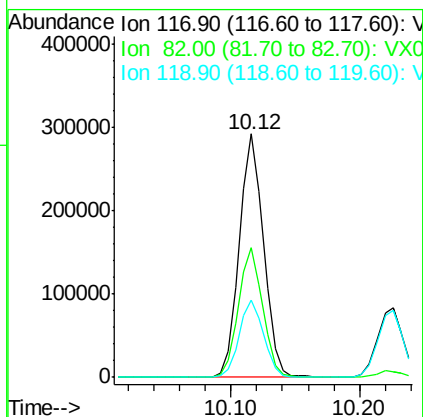
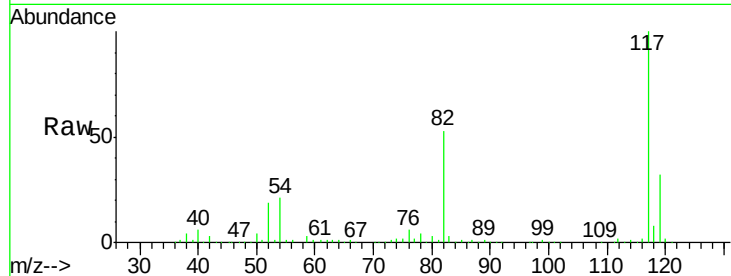




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

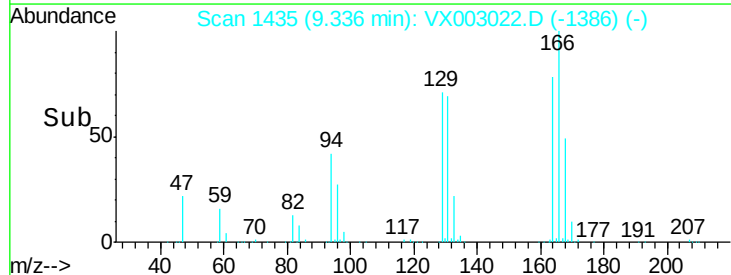
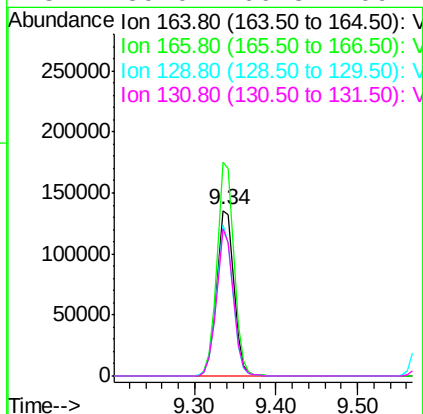
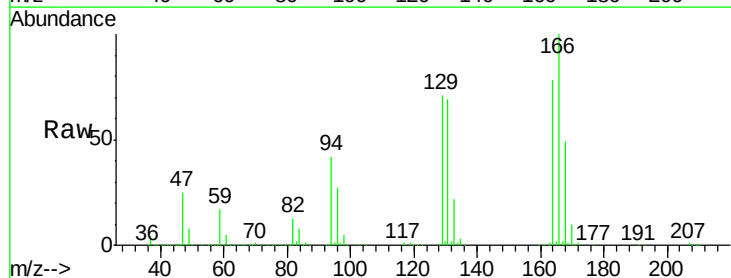
Instrument :
MSVOA_X
ClientSampleId :

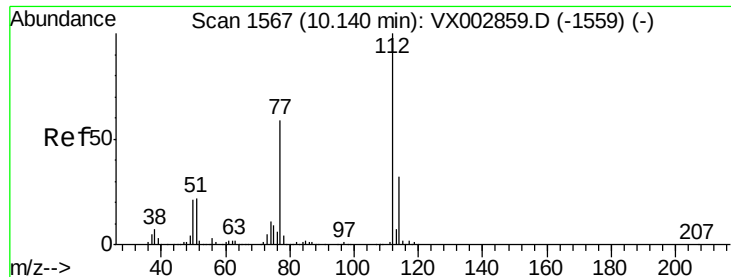
Tot Ion:117 Resp: 381791
Ion Ratio Lower Upper
117 100
82 53.0 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 48.36 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion:164 Resp: 205303
Ion Ratio Lower Upper
164 100
166 128.9 102.9 154.3
129 91.2 68.6 102.8
131 89.0 66.8 100.2

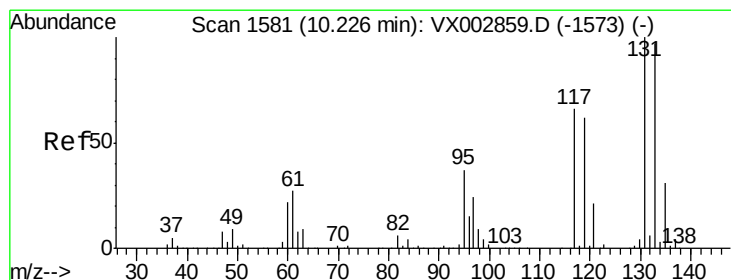
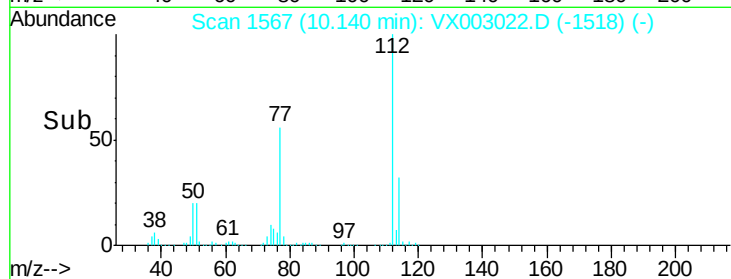
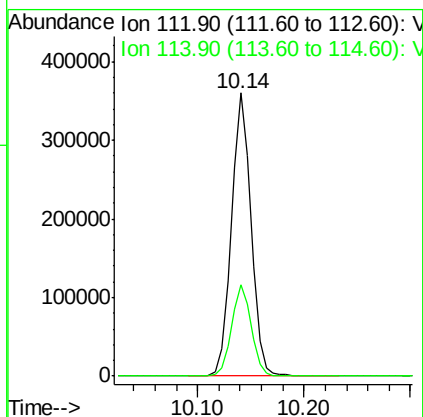
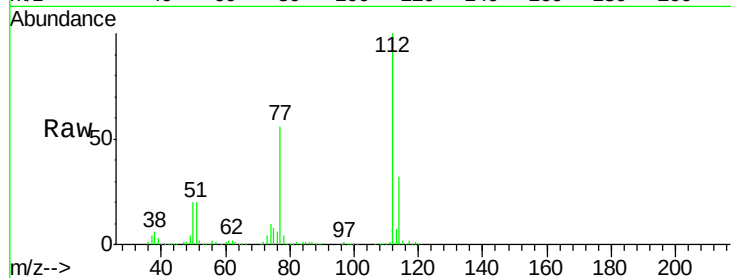




#65
Chlorobenzene
Concen: 48.07 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

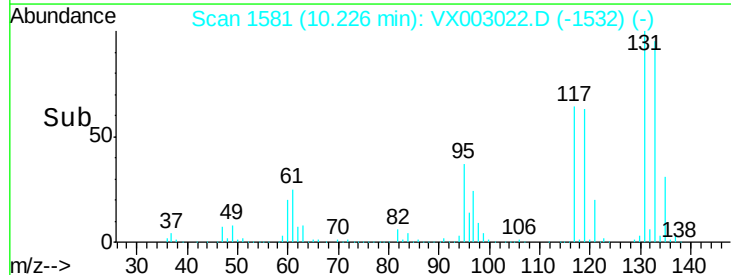
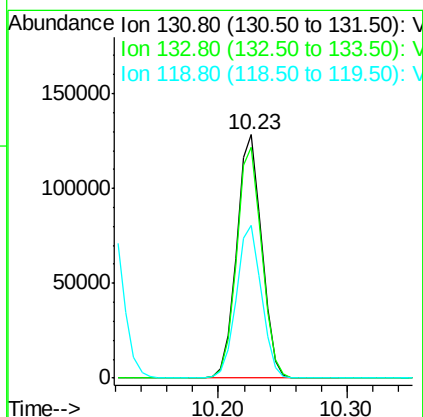
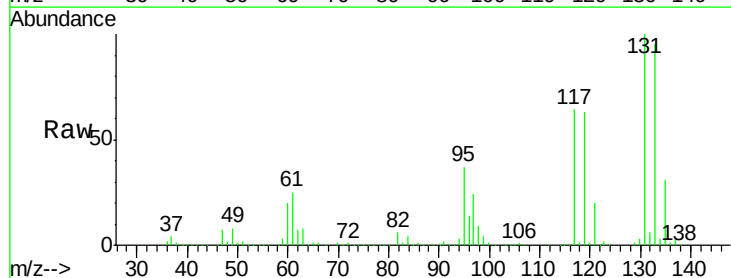
Instrument :
MSVOA_X
ClientSampleId :

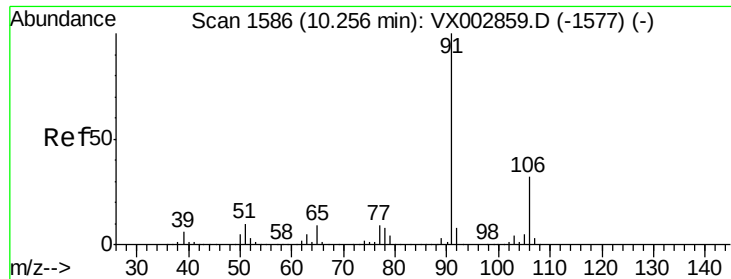
Tot Ion:112 Resp: 466143
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.03 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion:131 Resp: 172733
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 63.0 31.8 95.3





#67

Ethyl Benzene

Concen: 49.60 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

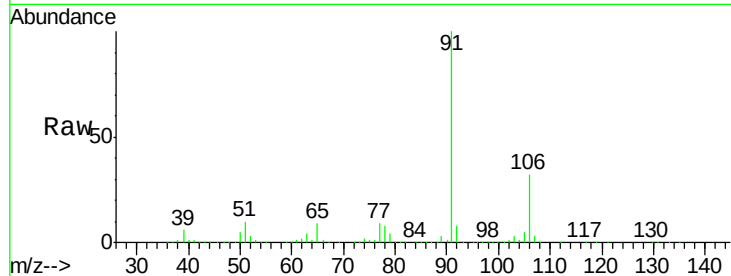
ClientSampled :

Tot Ion: 91 Resp: 794615

Ion Ratio Lower Upper

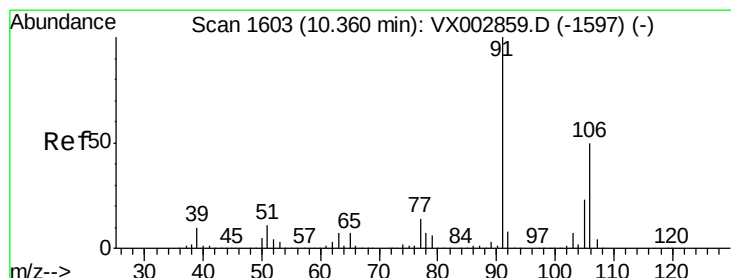
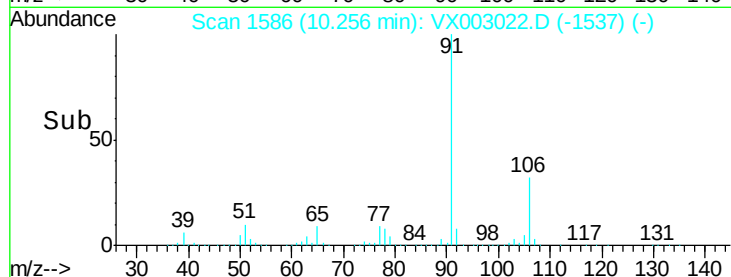
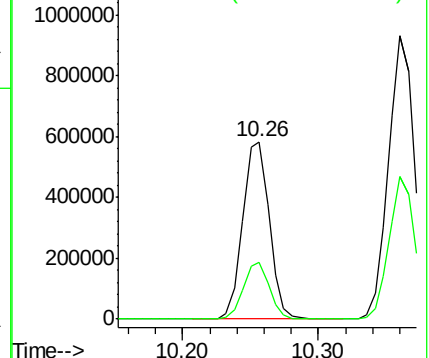
91 100

106 31.8 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.64 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003022.D

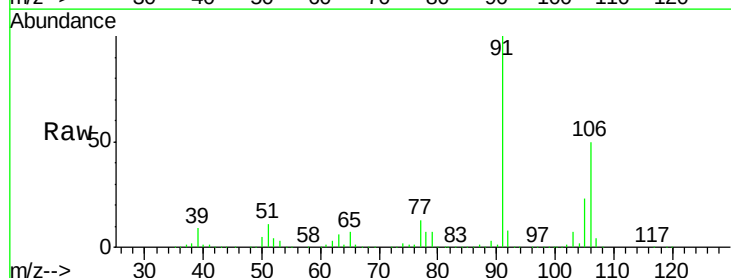
Acq: 29 Jun 2018 12:00

Tgt Ion: 106 Resp: 621352

Ion Ratio Lower Upper

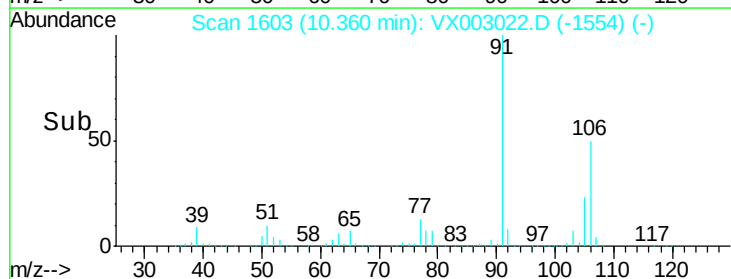
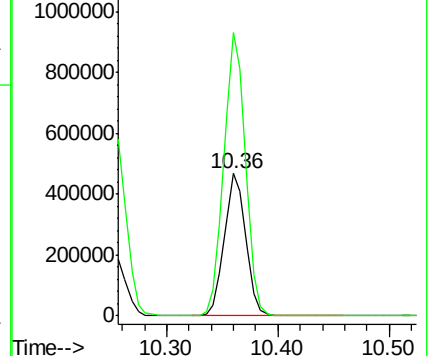
106 100

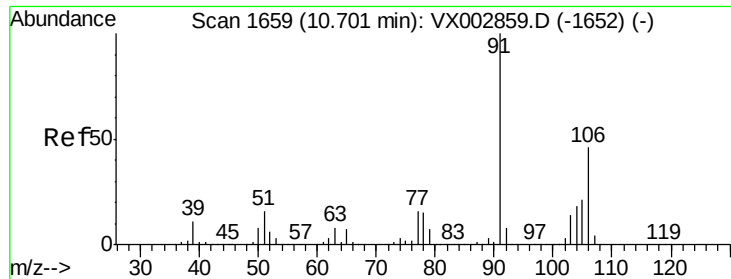
91 201.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

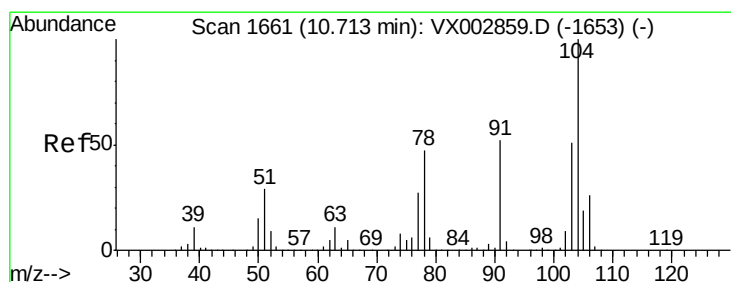
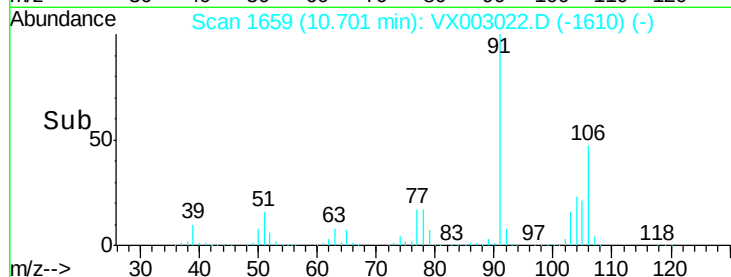
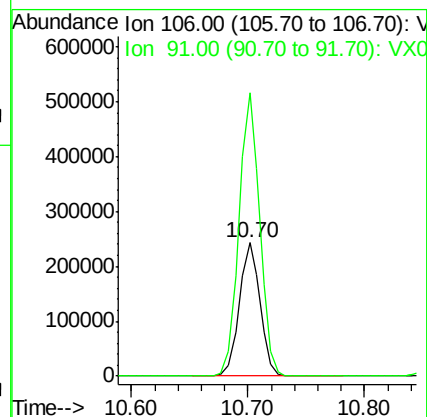
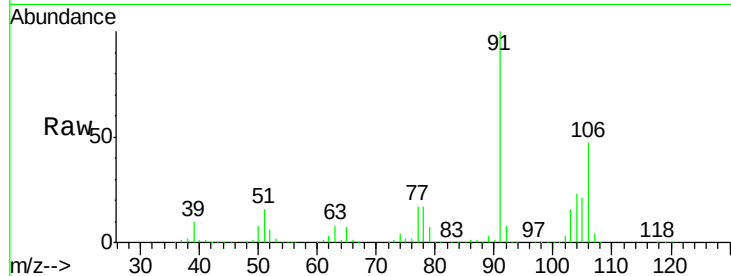




#69
o-Xylene
Concen: 50.02 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

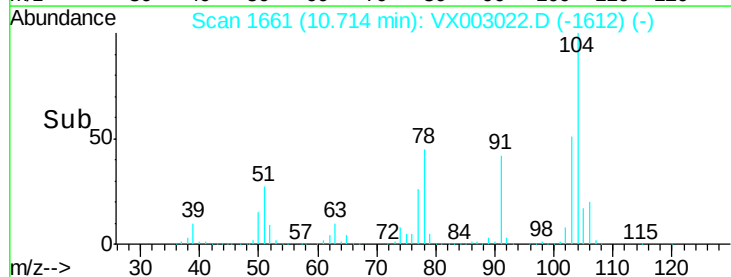
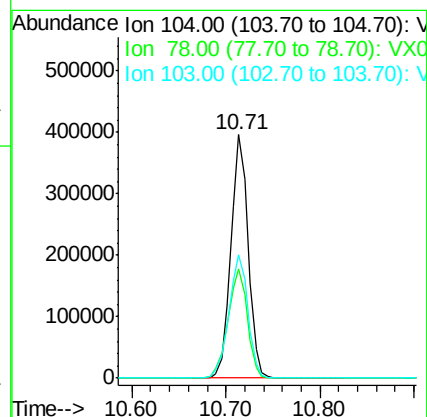
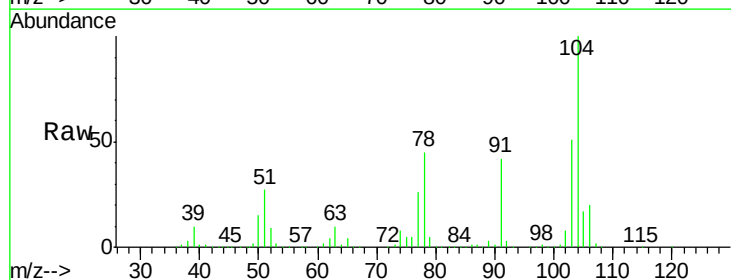
Instrument :
MSVOA_X
ClientSampled :

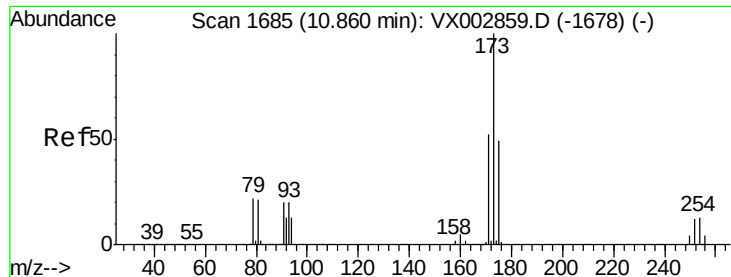
Tot Ion:106 Resp: 300717
Ion Ratio Lower Upper
106 100
91 213.2 108.2 324.6



#70
Styrene
Concen: 51.57 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion:104 Resp: 503736
Ion Ratio Lower Upper
104 100
78 50.3 41.0 61.6
103 55.8 44.2 66.4

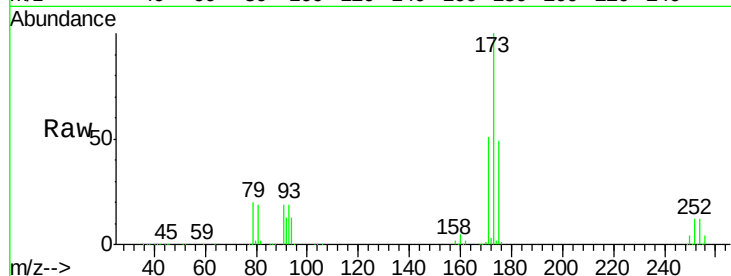




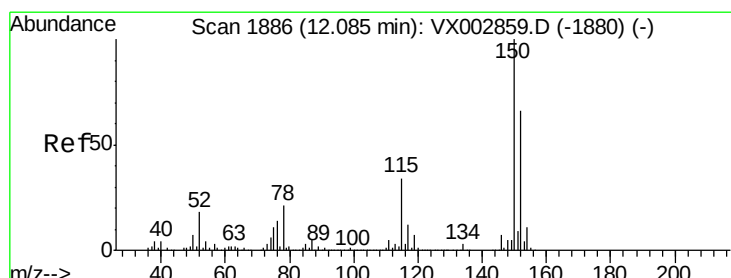
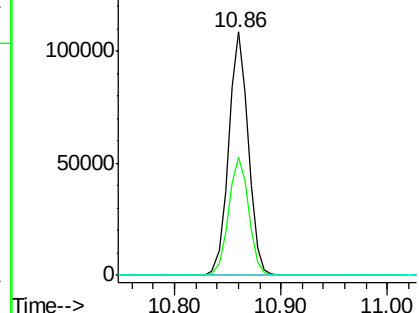
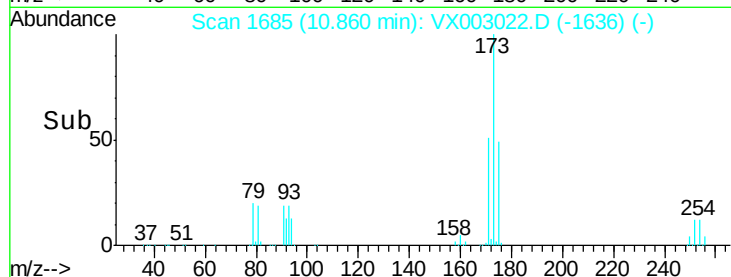
#71
Bromoform
Concen: 44.35 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 139655
Ion Ratio Lower Upper
173 100
175 49.5 24.7 74.1
254 0.2 0.2 0.2

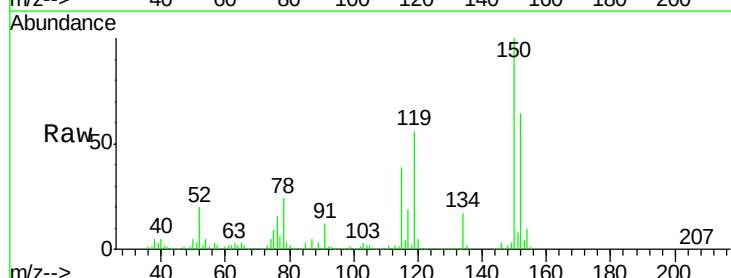


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

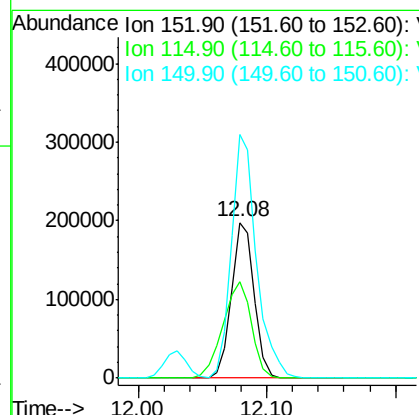
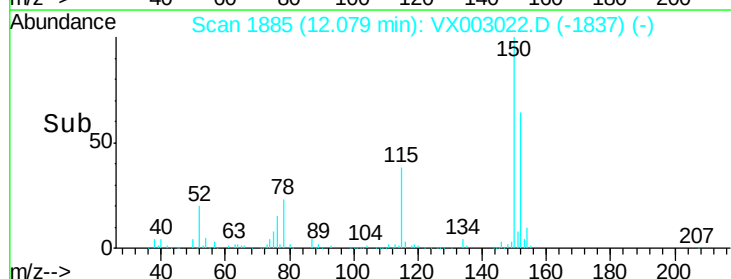


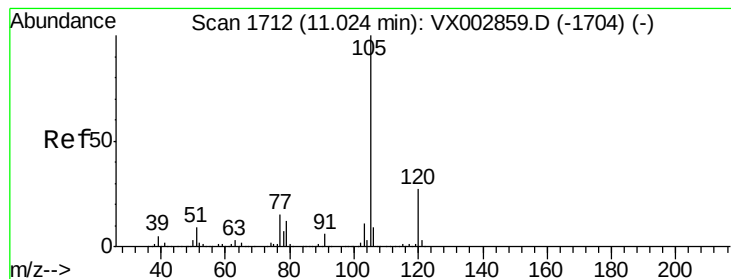
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion:152 Resp: 244898
Ion Ratio Lower Upper
152 100
115 77.8 40.1 120.2
150 172.8 0.0 347.2



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: 49.18 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

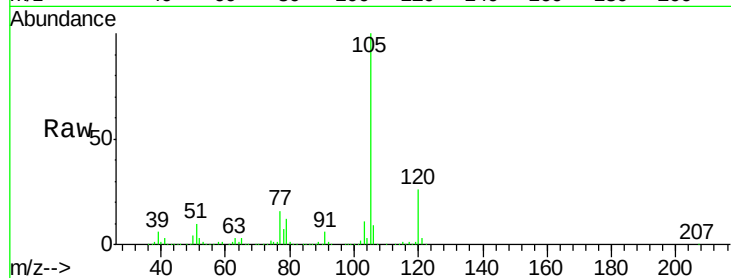
ClientSampleId :

Tot Ion:105 Resp: 810288

Ion Ratio Lower Upper

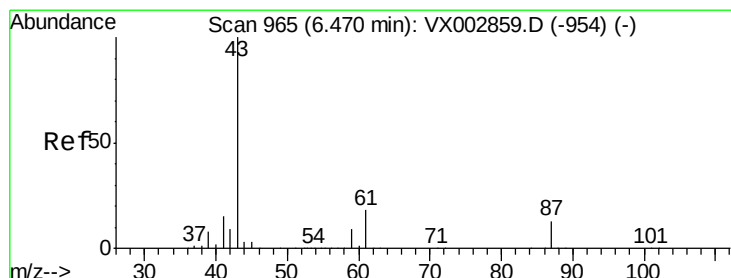
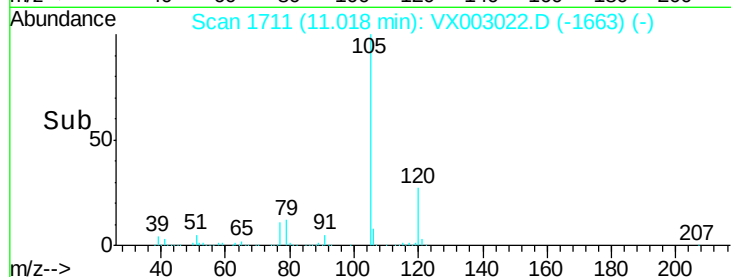
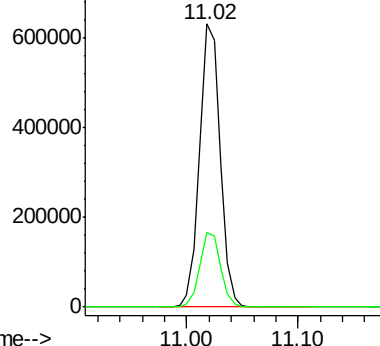
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.77 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion: 43 Resp: 377048

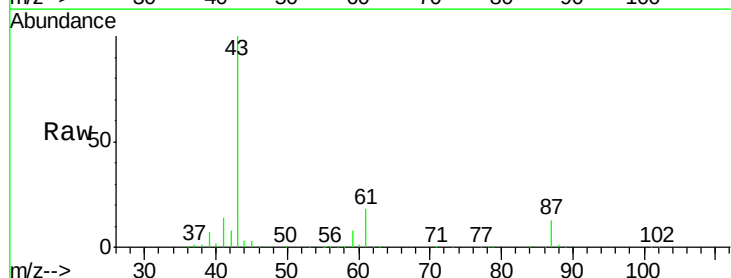
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.4 14.4 21.6

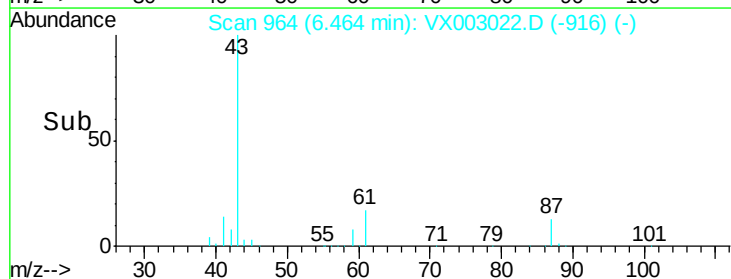
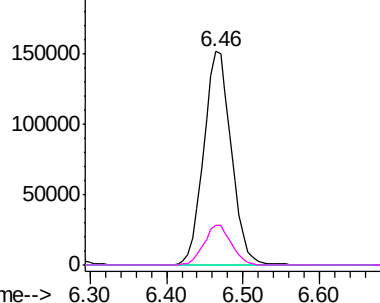


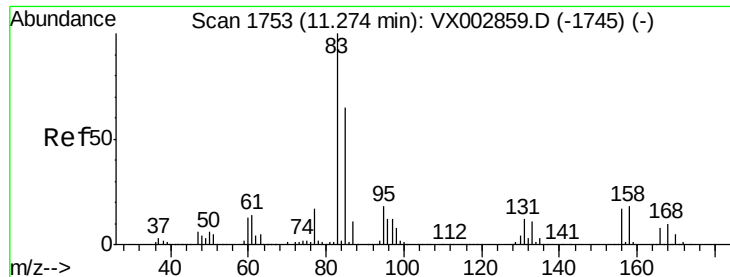
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.05 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampled :

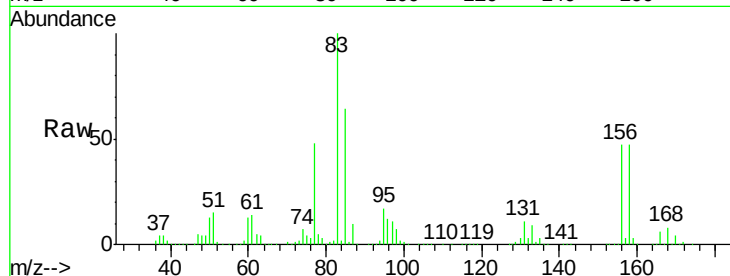
Tot Ion: 83 Resp: 243867

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

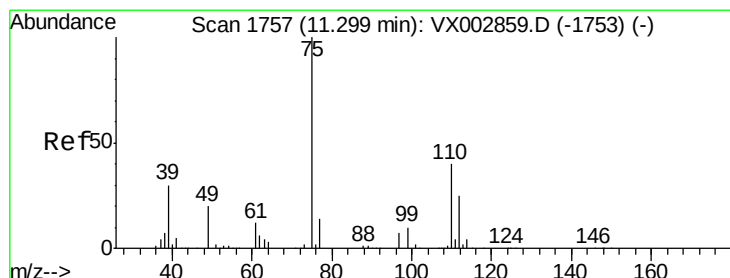
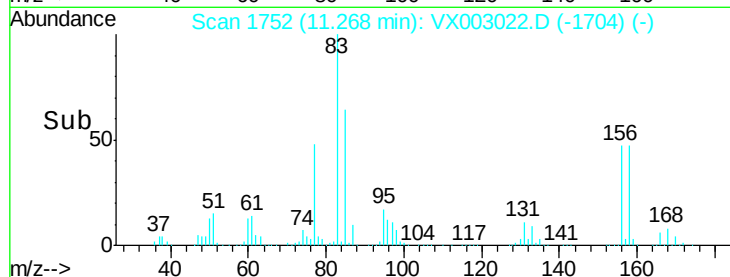
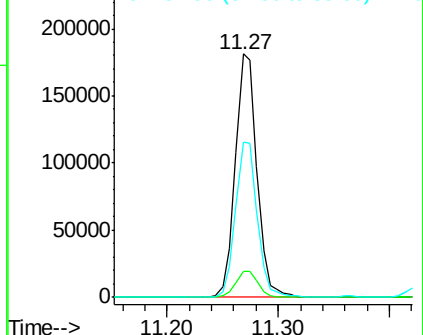
85 64.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.80 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003022.D

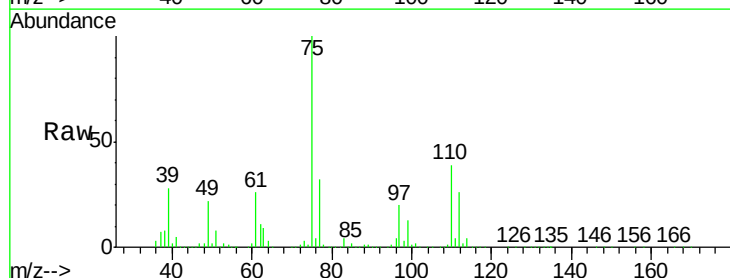
Acq: 29 Jun 2018 12:00

Tgt Ion: 75 Resp: 278595

Ion Ratio Lower Upper

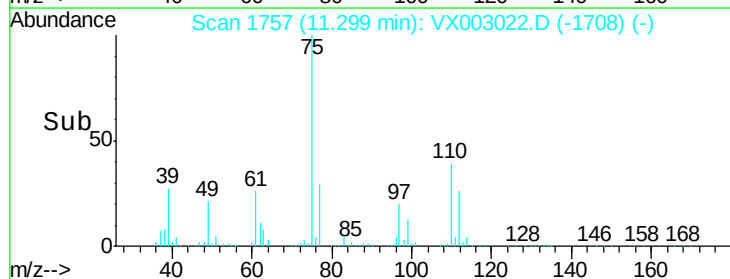
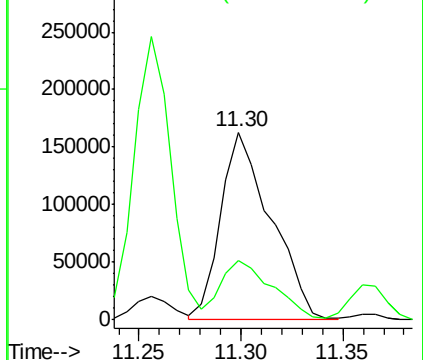
75 100

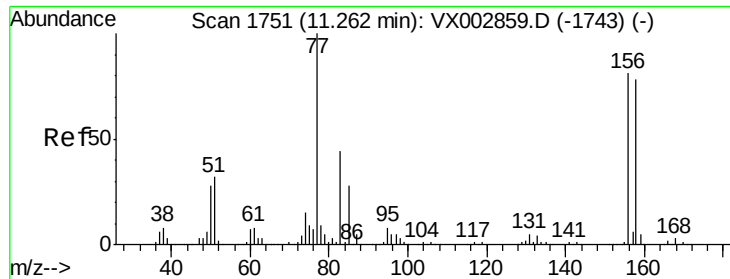
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

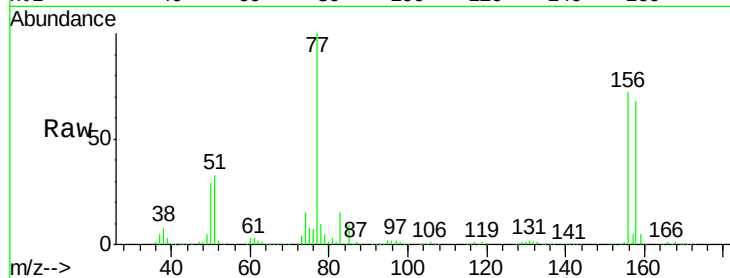




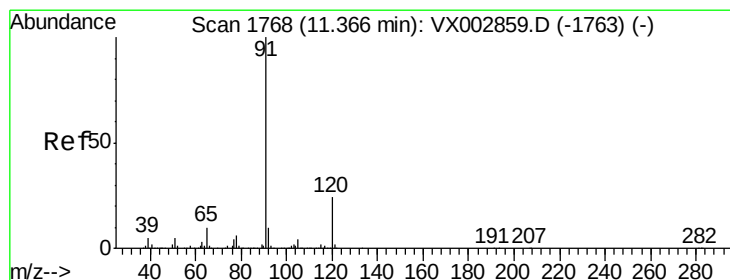
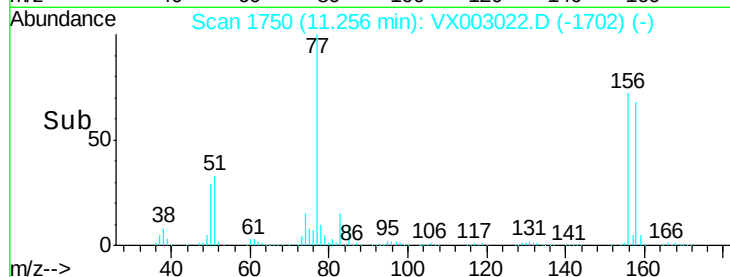
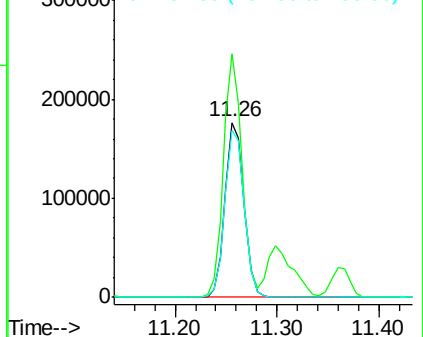
#77
Bromobenzene
Concen: 48.34 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
156	100		
77	136.6	71.4	214.2
158	97.3	48.9	146.6

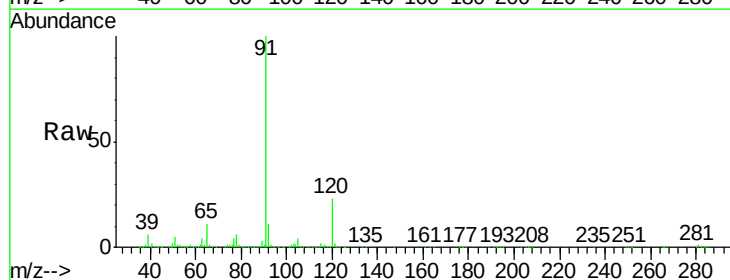


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

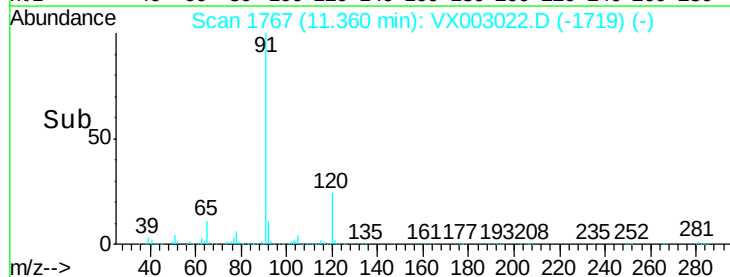
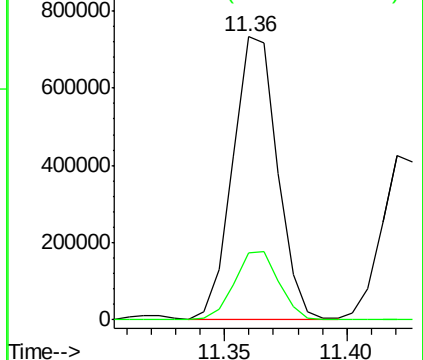


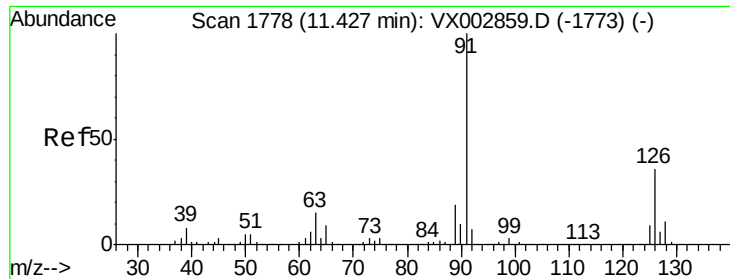
#78
n-propylbenzene
Concen: 49.29 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

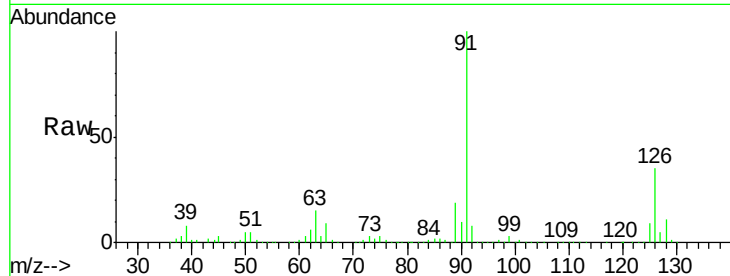




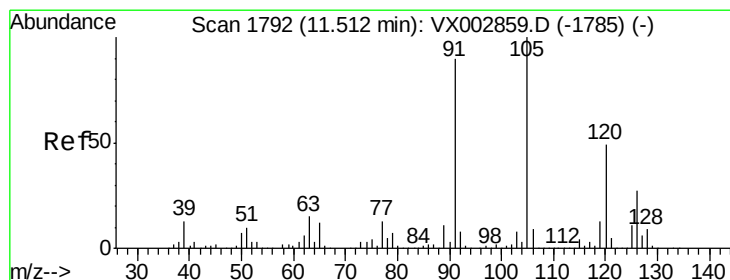
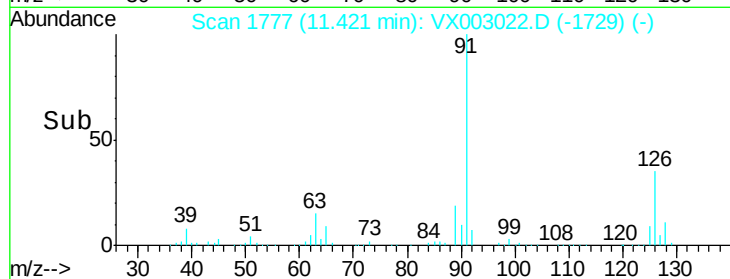
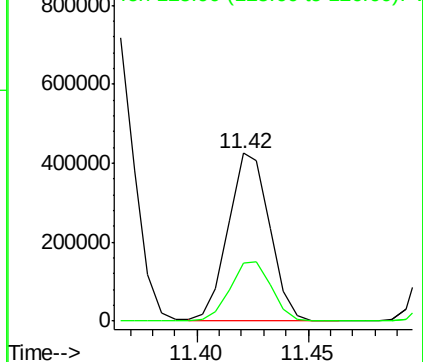
#79
 2-Chlorotoluene
 Concen: 48.37 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 549160
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.7 53.1

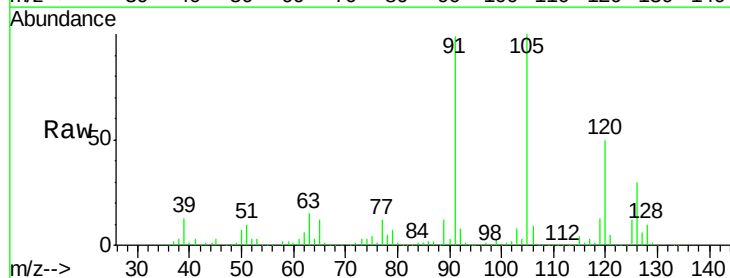


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

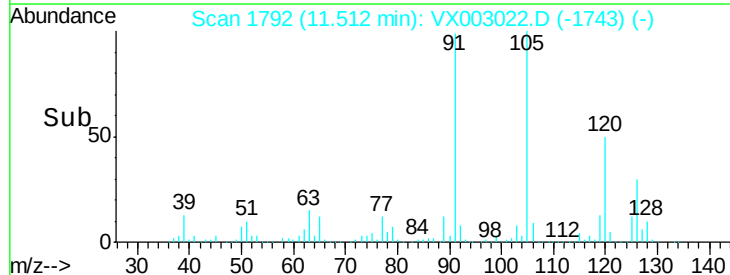
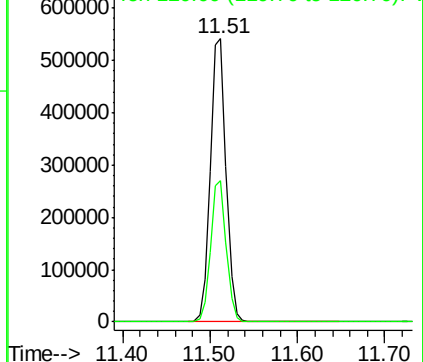


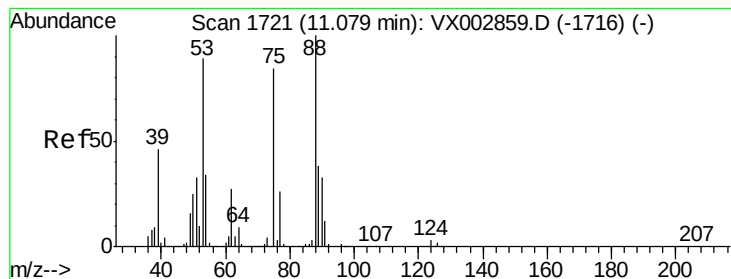
#80
 1,3,5-Trimethylbenzene
 Concen: 49.00 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion:105 Resp: 679922
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.47 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampled :

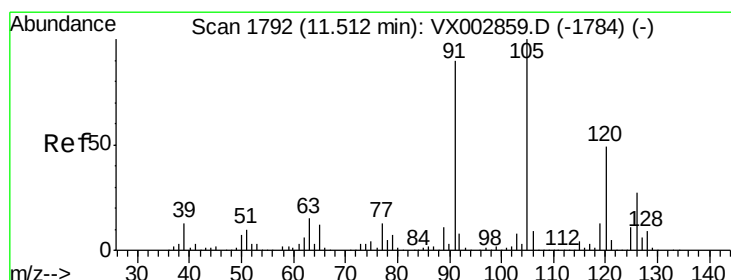
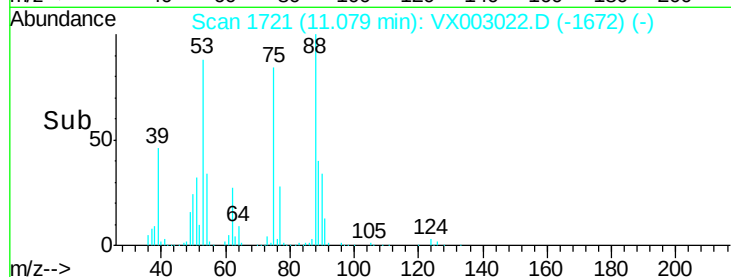
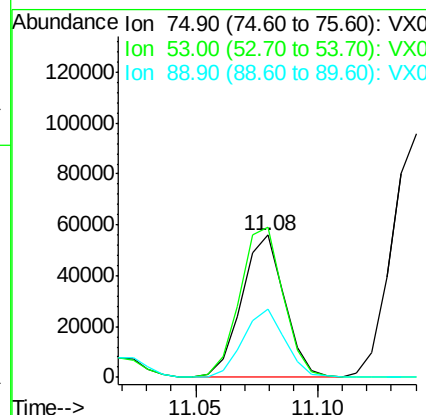
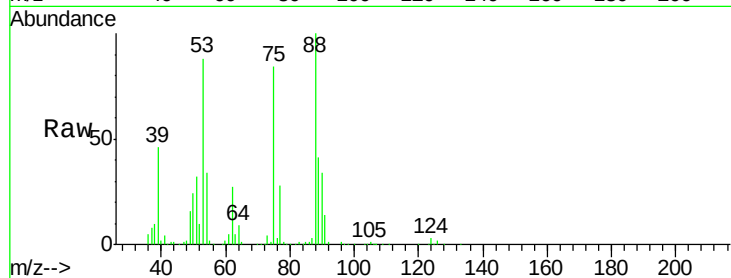
Tot Ion: 75 Resp: 67380

Ion Ratio Lower Upper

75 100

53 108.2 86.8 130.2

89 48.2 38.2 57.2



#82

4-Chlorotoluene

Concen: 48.57 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003022.D

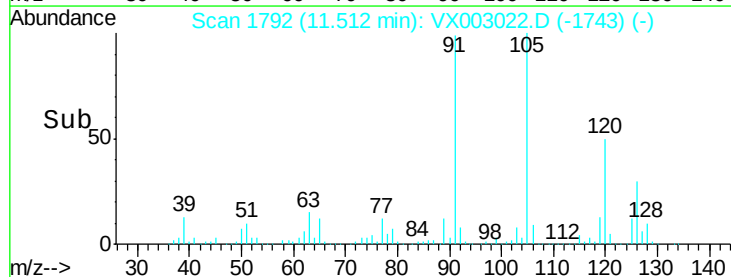
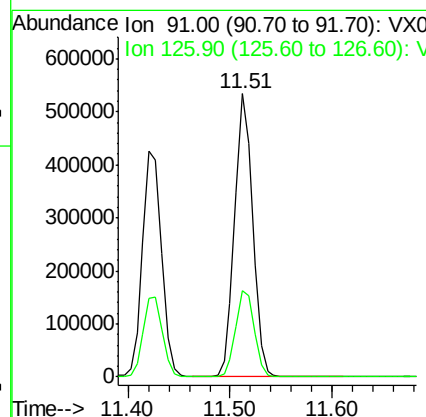
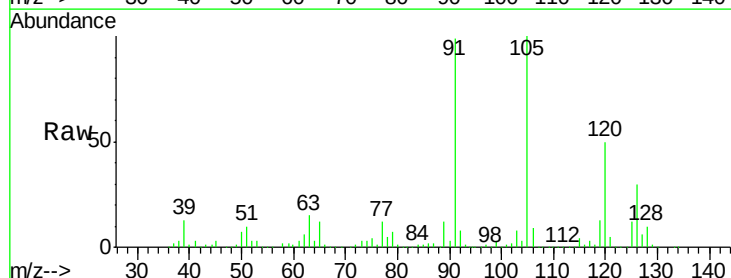
Acq: 29 Jun 2018 12:00

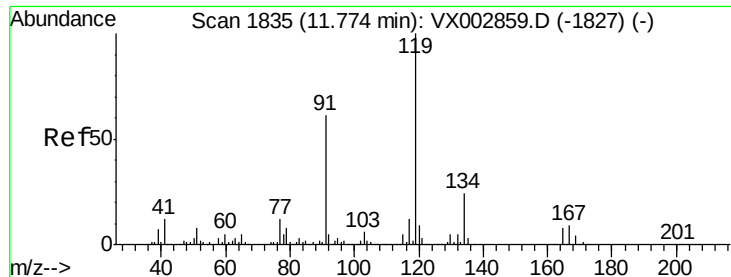
Tgt Ion: 91 Resp: 652821

Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.4

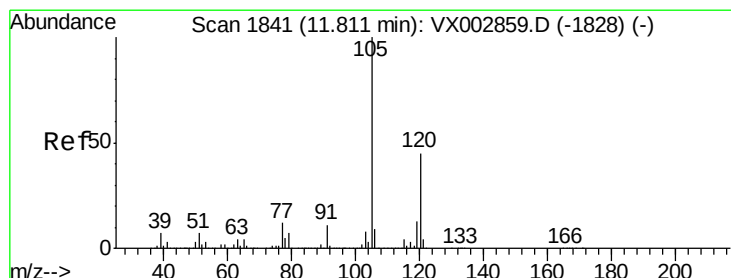
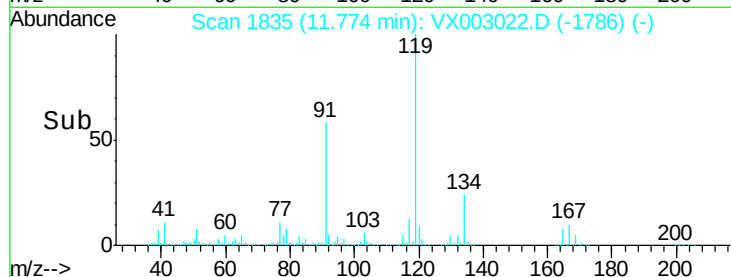
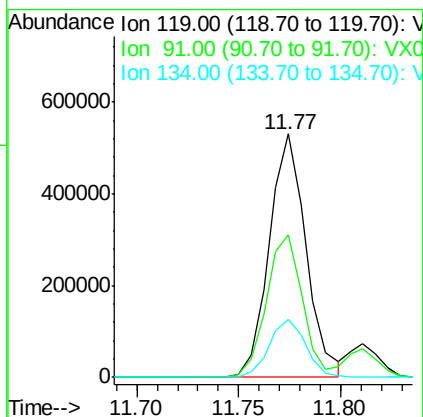
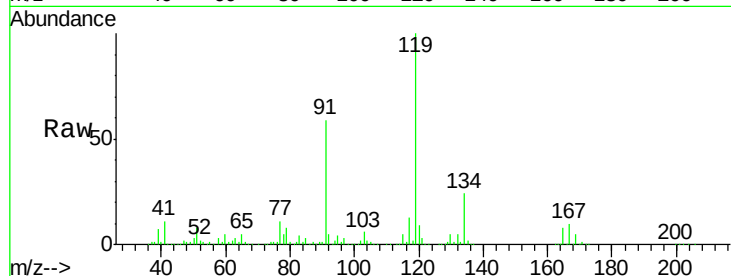




#83
 tert-Butylbenzene
 Concen: 48.79 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

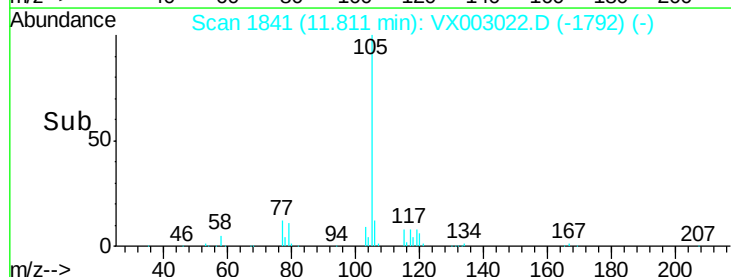
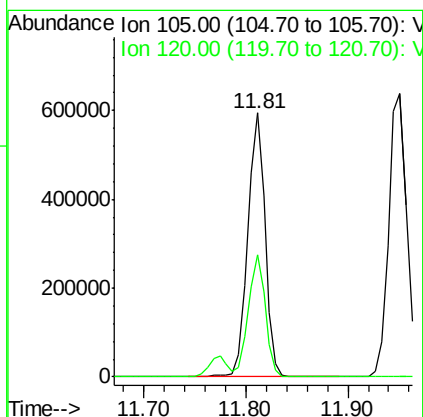
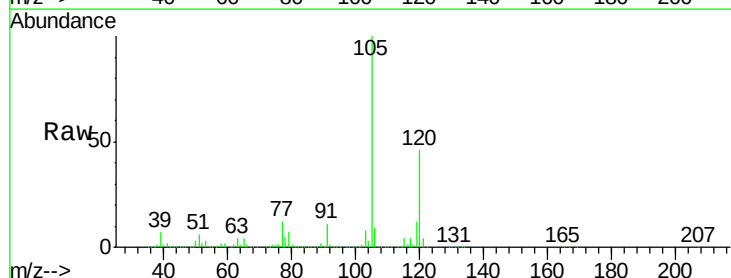
Instrument :
 MSVOA_X
 ClientSampled :

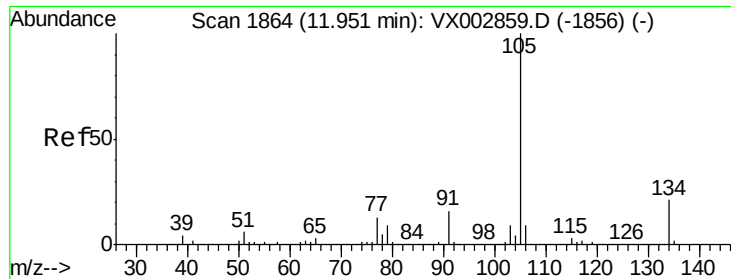
Tot Ion:119 Resp: 667262
 Ion Ratio Lower Upper
 119 100
 91 56.7 30.3 90.9
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion:105 Resp: 702667
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 47.69 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

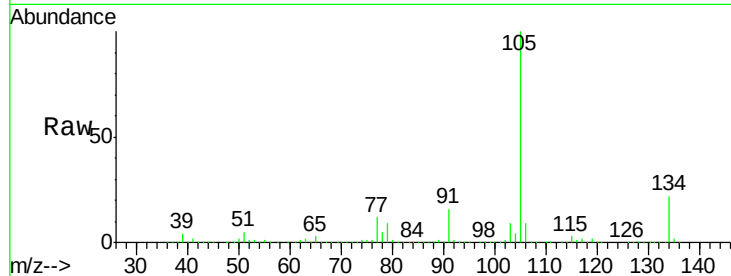
ClientSampleId :

Tot Ion:105 Resp: 791243

Ion Ratio Lower Upper

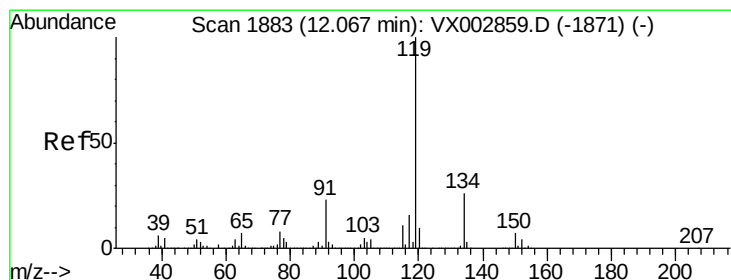
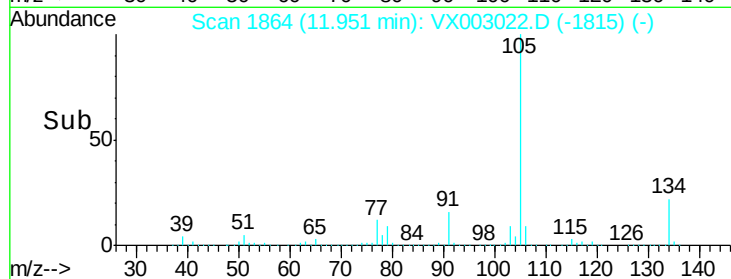
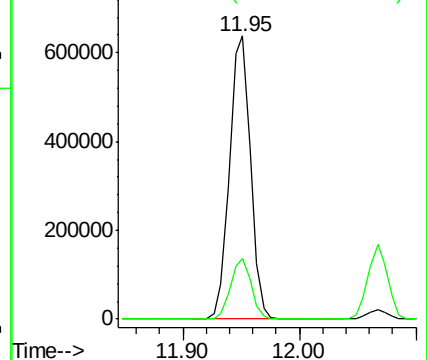
105 100

134 21.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.68 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

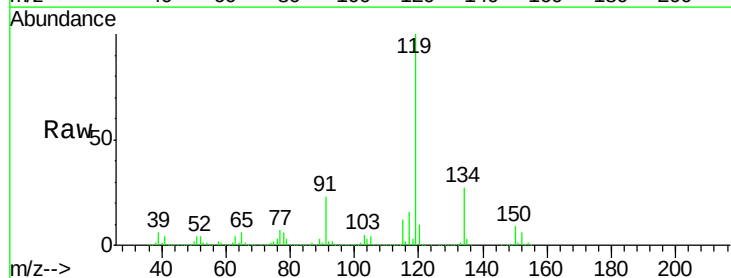
Tgt Ion:119 Resp: 726145

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

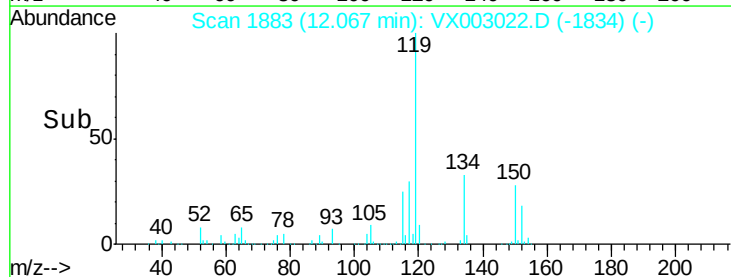
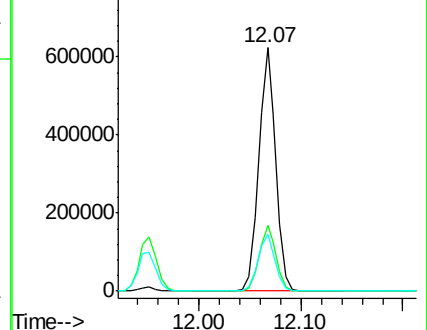
91 23.4 11.9 35.7

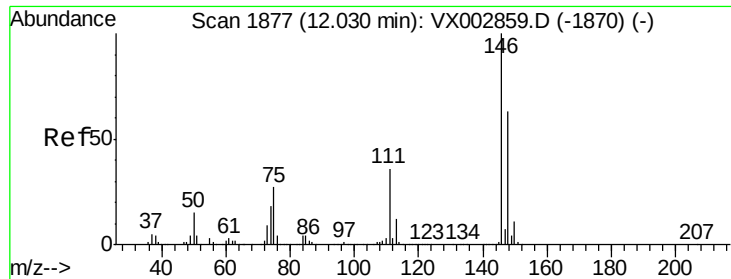


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

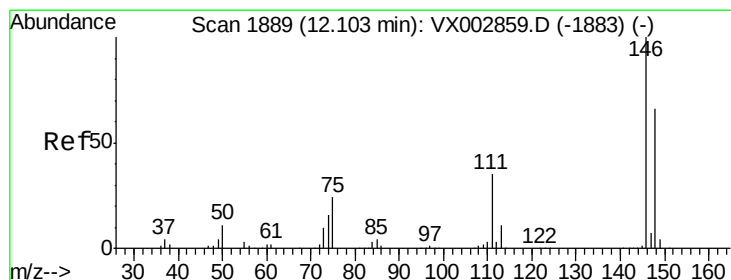
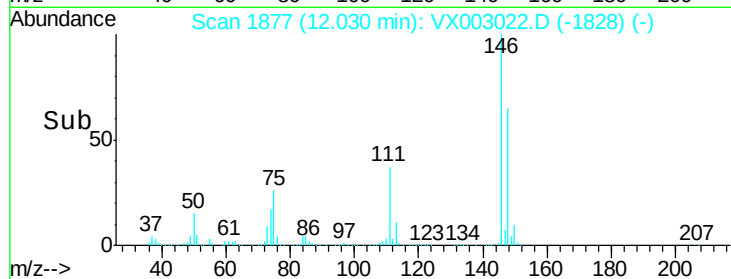
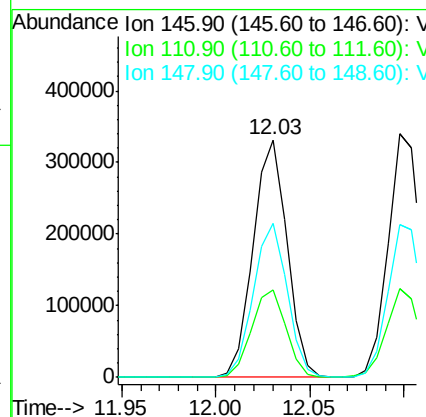
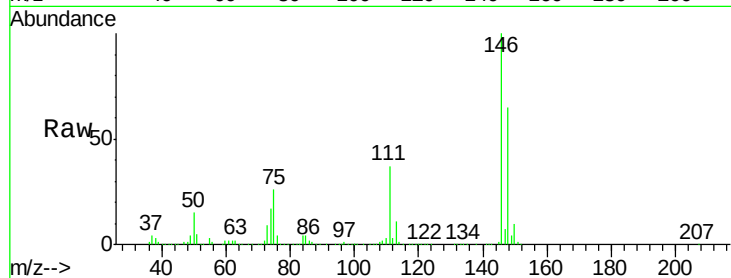




#87
 1,3-Dichlorobenzene
 Concen: 48.46 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

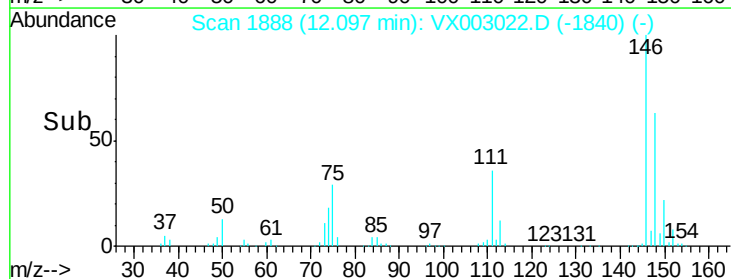
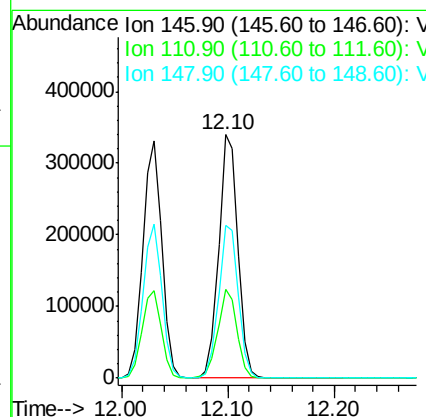
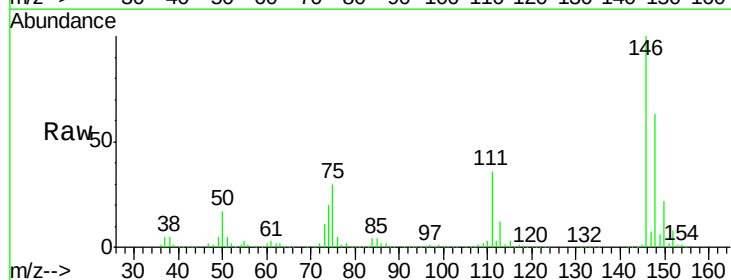
Instrument :
 MSVOA_X
 ClientSampled :

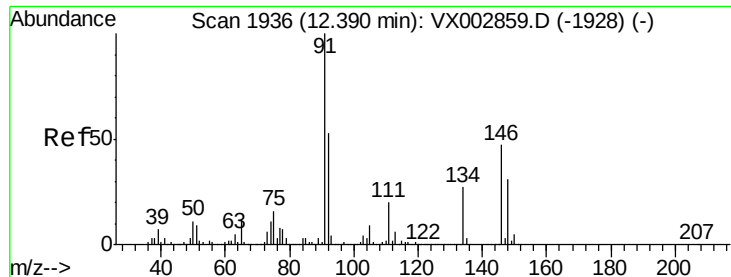
Tot Ion:146 Resp: 415211
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 64.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.77 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion:146 Resp: 421265
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.7 56.1
 148 64.2 32.4 97.0





#89

n-Butylbenzene

Concen: 49.21 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

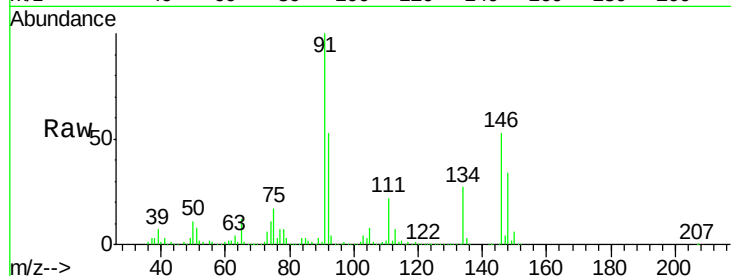
Tot Ion: 91 Resp: 638820

Ion Ratio Lower Upper

91 100

92 52.5 26.0 78.0

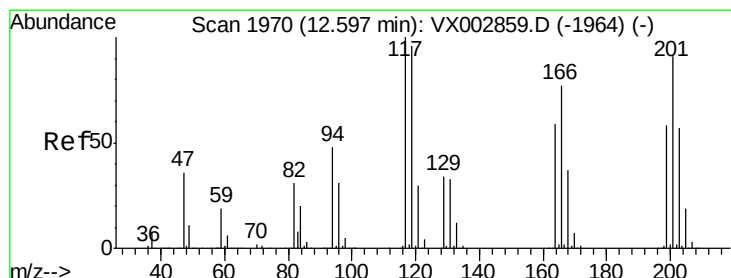
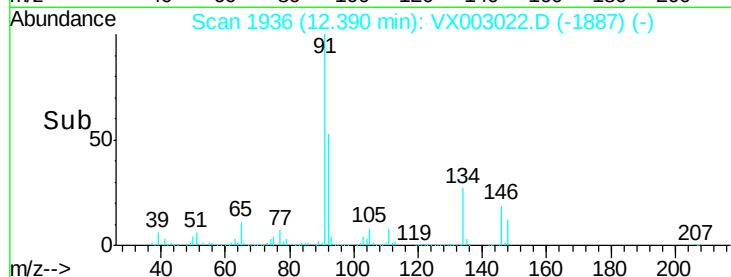
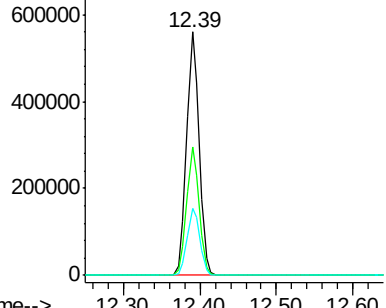
134 27.8 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX002859.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX002859.D (-1928) (-)



#90

Hexachloroethane

Concen: 45.39 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003022.D

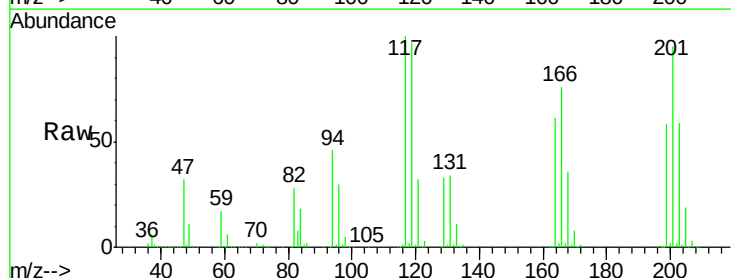
Acq: 29 Jun 2018 12:00

Tgt Ion: 117 Resp: 100690

Ion Ratio Lower Upper

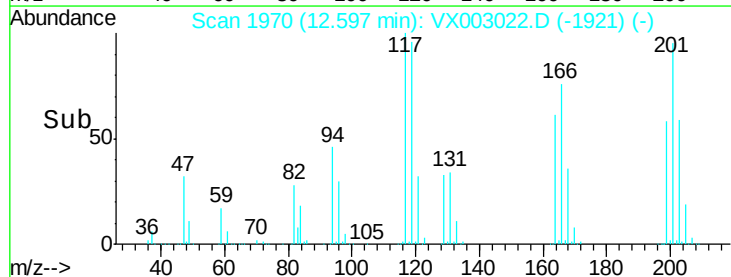
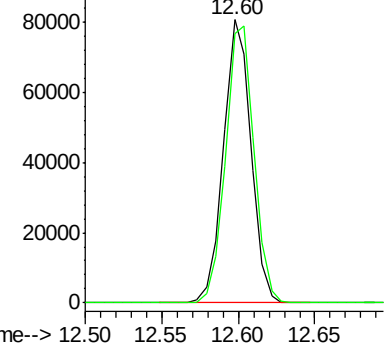
117 100

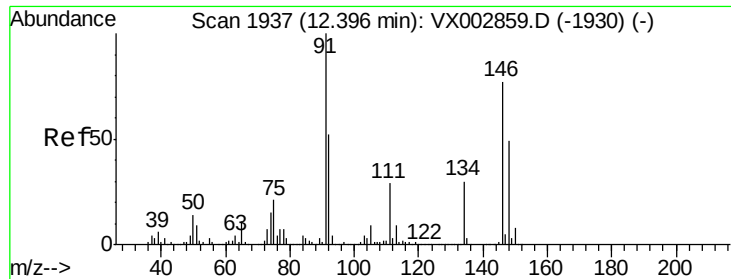
201 101.4 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX002859.D (-1964) (-)

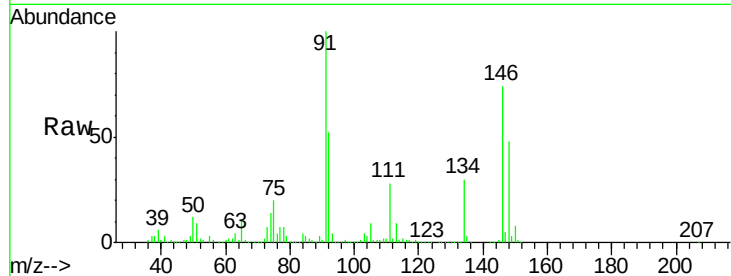




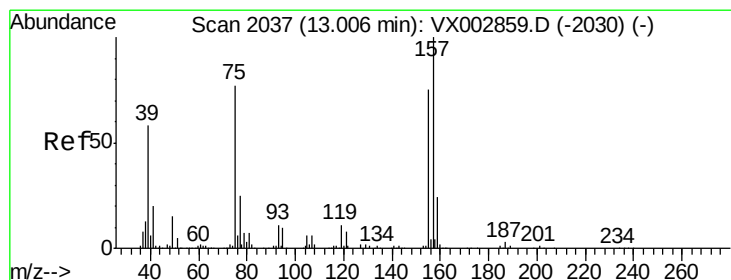
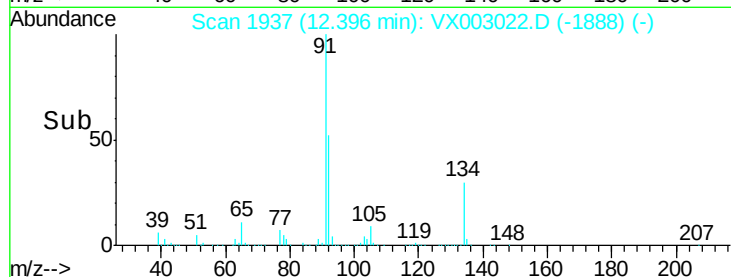
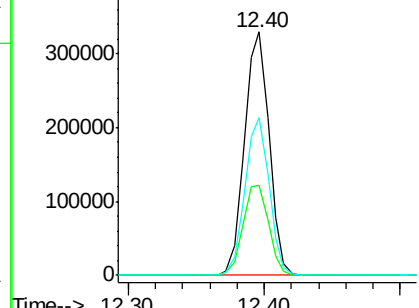
#91
 1,2-Dichlorobenzene
 Concen: 47.93 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 414510
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.1
 148 63.9 31.7 95.1

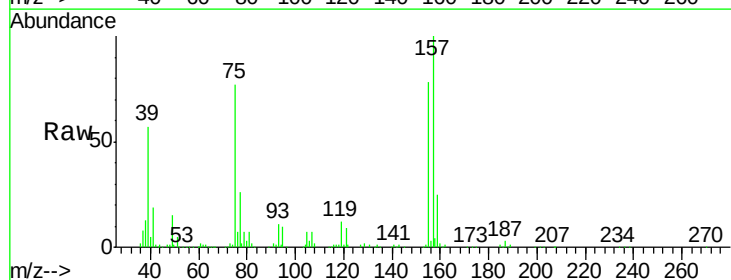


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

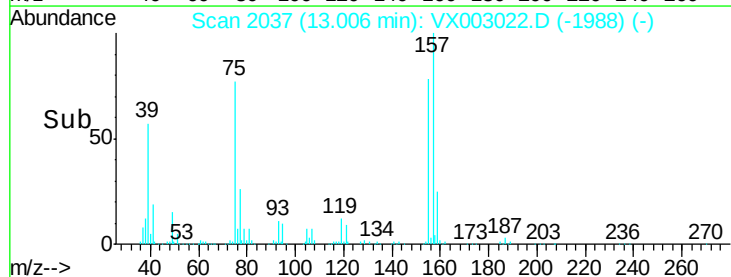
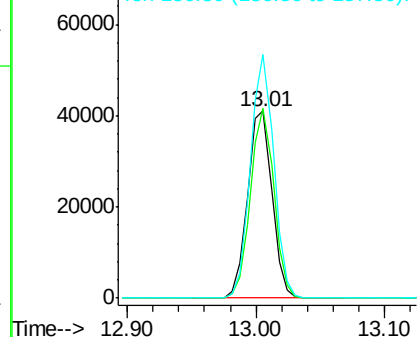


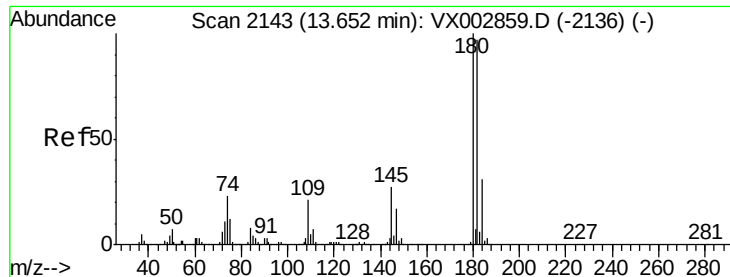
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.65 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion: 75 Resp: 53219
 Ion Ratio Lower Upper
 75 100
 155 97.1 45.8 137.4
 157 123.8 60.1 180.3



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

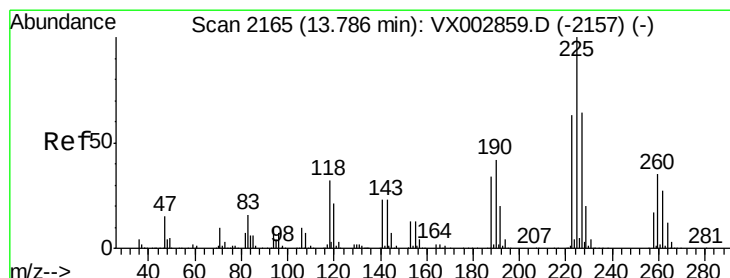
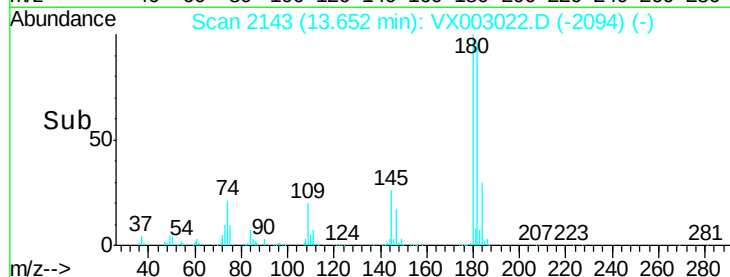
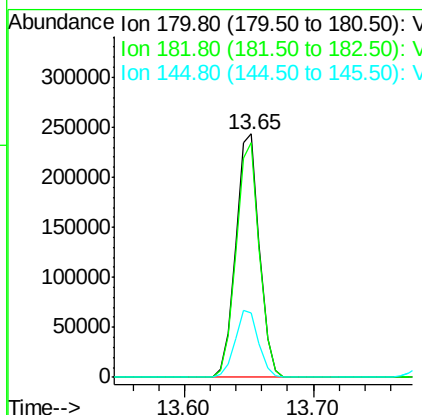
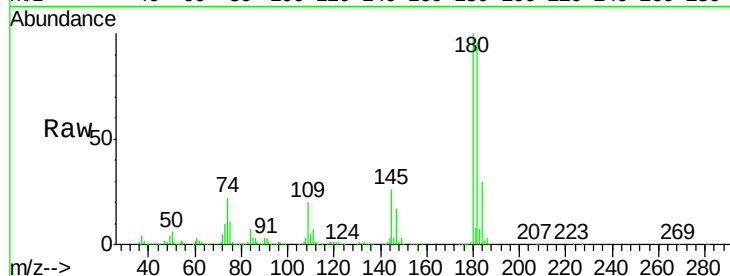




#93
 1,2,4-Trichlorobenzene
 Concen: 48.96 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

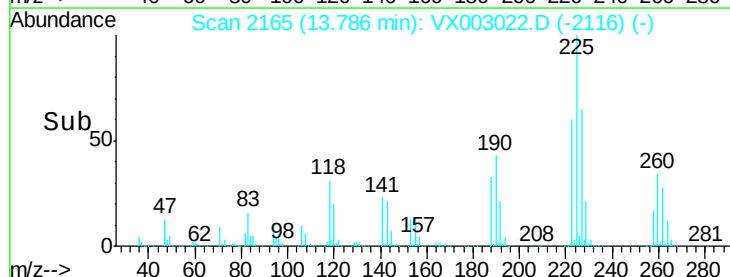
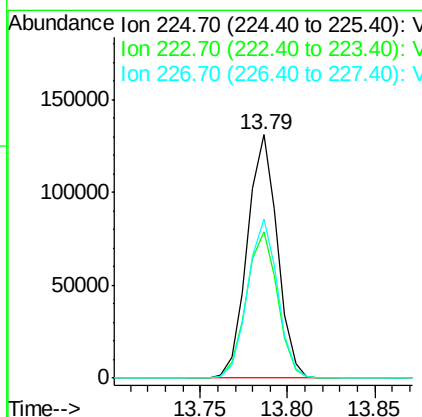
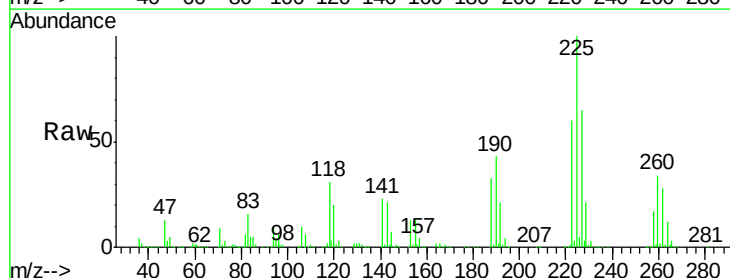
Instrument :
 MSVOA_X
 ClientSampleId :

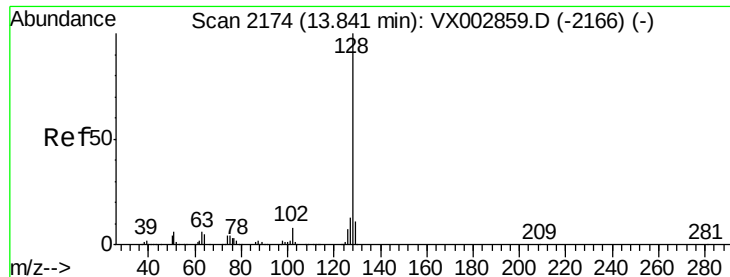
Tot Ion:180 Resp: 308144
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 49.69 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion:225 Resp: 155978
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.6 95.0
 227 65.2 32.4 97.2

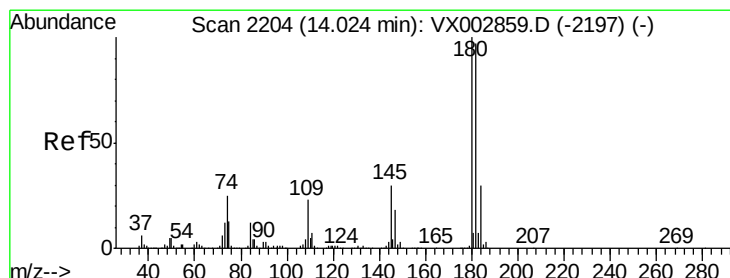
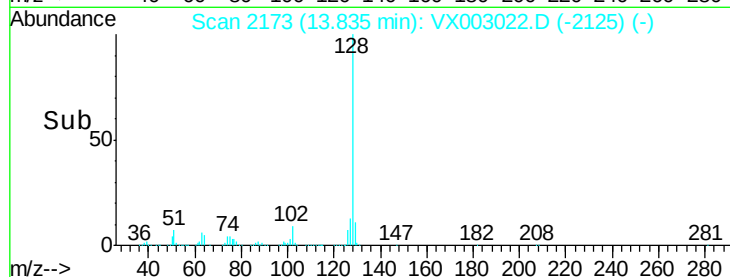
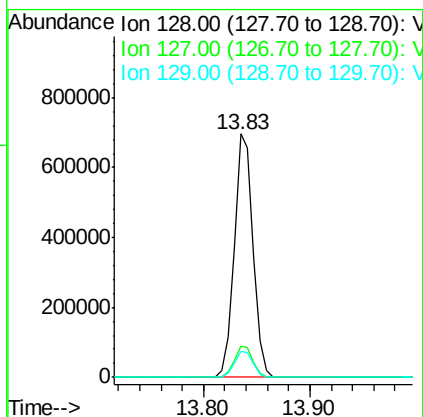
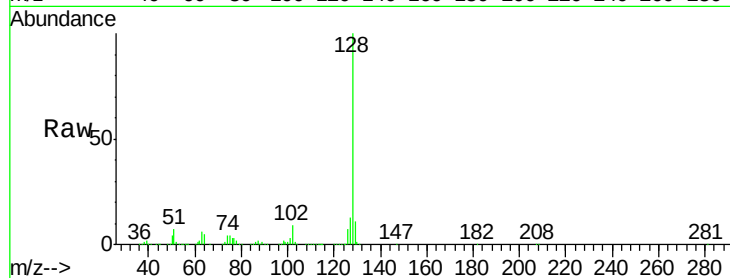




#95
Naphthalene
Concen: 50.81 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 851754
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.61 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion:180 Resp: 305631
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.0
145 30.1 14.8 44.3

