

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001004.D
 Acq On : 20 Apr 2018 13:20
 Operator : JC/MD
 Sample : VX0420WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 05:31:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190271	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	122815	46.19	ug/l	0.00
Spiked Amount			Recovery	=	92.38%	
35) Dibromofluoromethane	5.51	113	100149	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	
50) Toluene-d8	8.72	98	361354	44.30	ug/l	0.00
Spiked Amount			Recovery	=	88.60%	
62) 4-Bromofluorobenzene	11.14	95	149936	43.79	ug/l	0.00
Spiked Amount			Recovery	=	87.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	56087	21.56	ug/l	99
3) Chloromethane	1.32	50	48391	19.98	ug/l	98
4) Vinyl Chloride	1.41	62	49993	19.91	ug/l	100
5) Bromomethane	1.65	94	33656	21.04	ug/l	100
6) Chloroethane	1.73	64	29628	19.86	ug/l	100
7) Trichlorofluoromethane	1.93	101	75812	20.10	ug/l	99
8) Diethyl Ether	2.19	74	27682	19.87	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43107	19.51	ug/l	99
10) Methyl Iodide	2.52	142	26043	17.73	ug/l	99
11) Tert butyl alcohol	3.06	59	38820	96.82	ug/l	99
12) 1,1-Dichloroethene	2.38	96	40579	19.86	ug/l	98
13) Acrolein	2.29	56	11662	100.21	ug/l	99
14) Allyl chloride	2.73	41	72985	19.74	ug/l	99
15) Acrylonitrile	3.15	53	104394	96.20	ug/l	99
16) Acetone	2.45	43	97613	97.50	ug/l	100
17) Carbon Disulfide	2.57	76	109884	18.87	ug/l	100
18) Methyl Acetate	2.78	43	64296	21.22	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	135869	19.78	ug/l	100
20) Methylene Chloride	2.86	84	44237	20.05	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	43924	19.31	ug/l	99
22) Diisopropyl ether	3.87	45	140856	19.68	ug/l	93
23) Vinyl Acetate	3.83	43	579470	97.77	ug/l	100
24) 1,1-Dichloroethane	3.70	63	79114	19.70	ug/l	99
25) 2-Butanone	4.71	43	151680	97.06	ug/l	99
26) 2,2-Dichloropropane	4.59	77	67030	19.41	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	49575	19.56	ug/l	99
28) Bromochloromethane	5.03	49	28927	18.73	ug/l	98
29) Tetrahydrofuran	5.17	42	94337	95.53	ug/l	99
30) Chloroform	5.23	83	82025	19.72	ug/l	98
31) Cyclohexane	5.58	56	72368	19.31	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	73555	19.73	ug/l	99
36) 1,1-Dichloropropene	5.81	75	64172	18.87	ug/l	99
37) Ethyl Acetate	4.86	43	59151	18.97	ug/l	99
38) Carbon Tetrachloride	5.79	117	64336	18.69	ug/l	96

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001004.D
 Acq On : 20 Apr 2018 13:20
 Operator : JC/MD
 Sample : VX0420WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 05:31:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	73781	18.64	ug/l	97
40) Benzene	6.15	78	180409	19.09	ug/l	100
41) Methacrylonitrile	5.07	41	36630	18.81	ug/l	98
42) 1,2-Dichloroethane	6.20	62	70203	19.35	ug/l	99
43) Isopropyl Acetate	6.47	43	99370	18.57	ug/l	99
44) Trichloroethene	7.22	130	55030	19.06	ug/l	100
45) 1,2-Dichloropropane	7.52	63	45408	19.10	ug/l	97
46) Dibromomethane	7.67	93	31441	18.93	ug/l	100
47) Bromodichloromethane	7.91	83	57007	18.53	ug/l	99
48) Methyl methacrylate	7.79	41	53059	18.42	ug/l	99
49) 1,4-Dioxane	7.76	88	15500	365.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	308706	95.02	ug/l	98
52) Toluene	8.79	92	118128	19.15	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	70048	19.04	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	64536	18.60	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	46538	18.98	ug/l	98
56) Ethyl methacrylate	9.19	69	67672	18.79	ug/l	98
57) 1,3-Dichloropropane	9.38	76	76176	18.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	129807	73.85	ug/l	99
59) 2-Hexanone	9.50	43	234588	94.34	ug/l	99
60) Dibromochloromethane	9.59	129	48790	18.94	ug/l	97
61) 1,2-Dibromoethane	9.68	107	49509	19.13	ug/l	99
64) Tetrachloroethene	9.34	164	56032	19.14	ug/l	96
65) Chlorobenzene	10.15	112	138623	18.88	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	47817	18.98	ug/l	99
67) Ethyl Benzene	10.26	91	231117	18.96	ug/l	99
68) m/p-Xylenes	10.37	106	181313	37.74	ug/l	99
69) o-Xylene	10.71	106	87571	18.91	ug/l	100
70) Styrene	10.72	104	144654	18.96	ug/l	99
71) Bromoform	10.87	173	37675	17.91	ug/l #	99
73) Isopropylbenzene	11.02	105	237716	19.11	ug/l	99
74) N-amyl acetate	6.47	43	99370	18.67	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66510	18.89	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	73832	22.37	ug/l	88
77) Bromobenzene	11.26	156	67414	18.67	ug/l	98
78) n-propylbenzene	11.37	91	272426	19.08	ug/l	100
79) 2-Chlorotoluene	11.43	91	158799	18.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	201349	19.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16166	17.30	ug/l	92
82) 4-Chlorotoluene	11.52	91	193337	18.96	ug/l	99
83) tert-Butylbenzene	11.77	119	203302	19.11	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	209144	19.27	ug/l	99
85) sec-Butylbenzene	11.95	105	244130	19.23	ug/l	100
86) p-Isopropyltoluene	12.07	119	223870	19.06	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	125280	18.53	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129854	18.72	ug/l	98
89) n-Butylbenzene	12.39	91	200156	19.15	ug/l	100
90) Hexachloroethane	12.60	117	31235	18.77	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	122959	18.79	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14117	19.14	ug/l	94

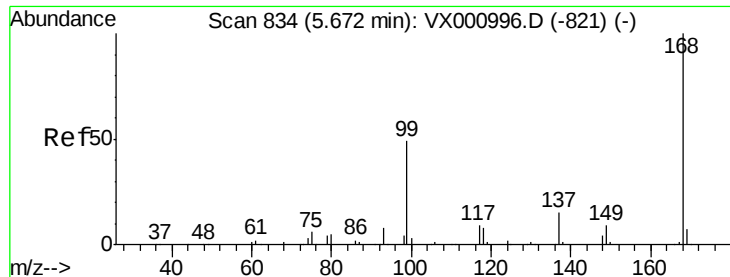
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
Data File : VX001004.D
Acq On : 20 Apr 2018 13:20
Operator : JC/MD
Sample : VX0420WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 21 05:31:44 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102238	18.61	ug/l	100
94) Hexachlorobutadiene	13.79	225	46803	18.83	ug/l	99
95) Naphthalene	13.84	128	258009	19.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99453	18.72	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

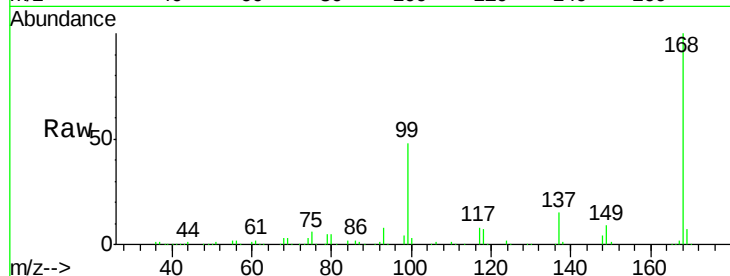
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 209731

Ion Ratio Lower Upper

168 100

99 47.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

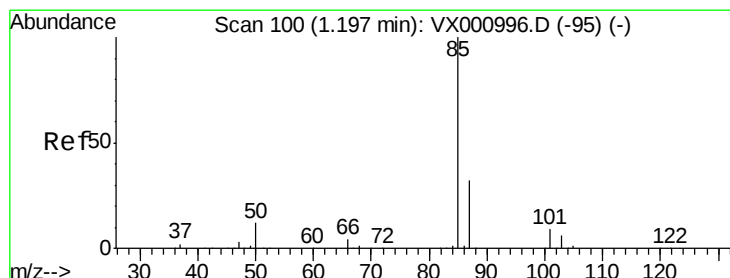
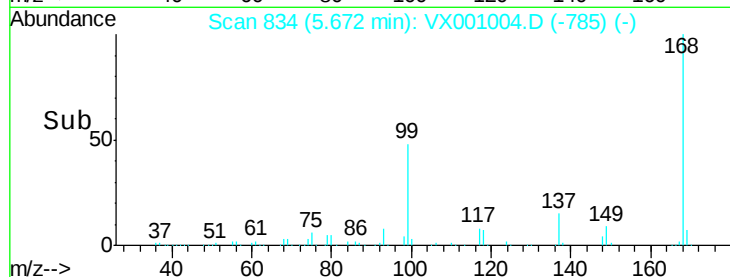
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.56 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001004.D

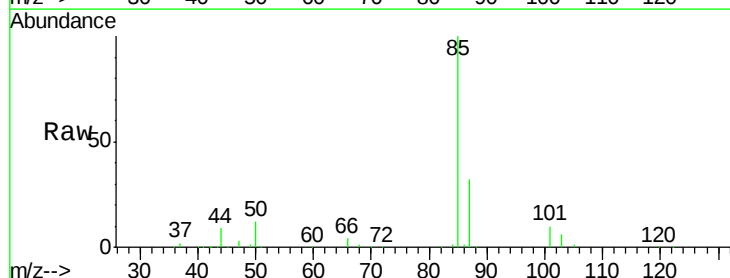
Acq: 20 Apr 2018 13:20

Tgt Ion: 85 Resp: 56087

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

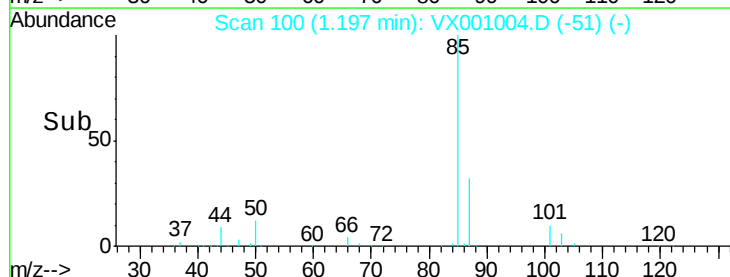
40000

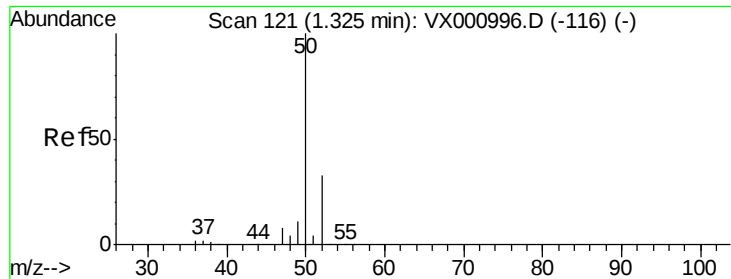
20000

0

Time-->

1.15 1.20 1.25 1.30

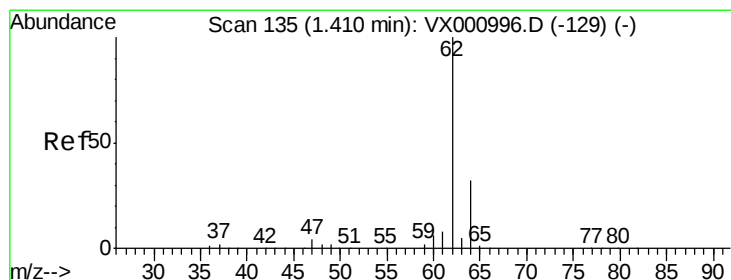
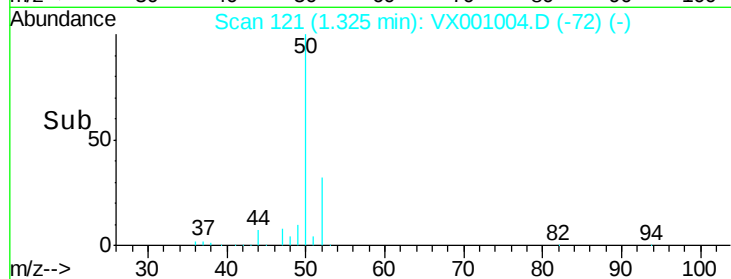
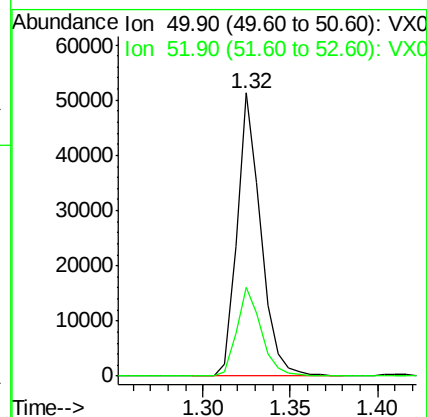
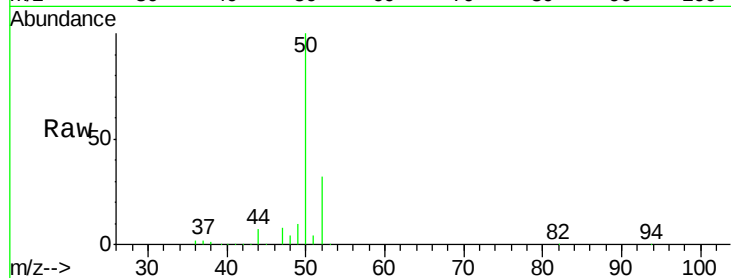




#3
Chloromethane
Concen: 19.98 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

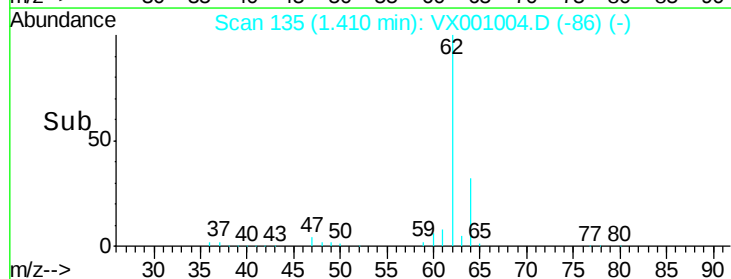
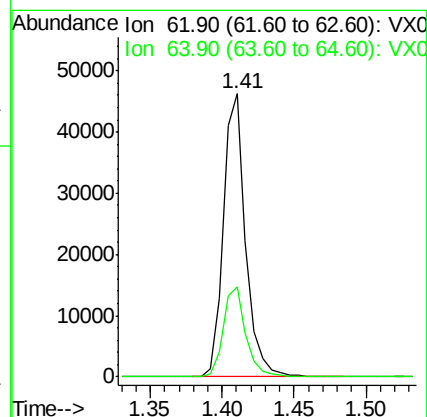
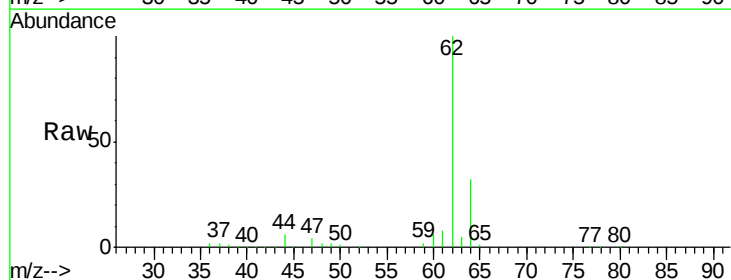
Instrument :
MSVOA_X
ClientSampleId :

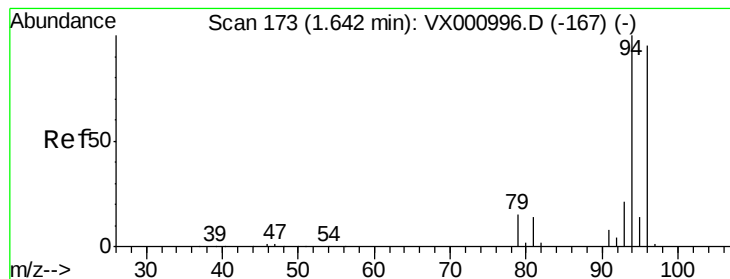
Tot Ion: 50 Resp: 48391
Ion Ratio Lower Upper
50 100
52 31.6 26.3 39.5



#4
Vinyl Chloride
Concen: 19.91 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 62 Resp: 49993
Ion Ratio Lower Upper
62 100
64 31.7 25.6 38.4





#5

Bromomethane

Concen: 21.04 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

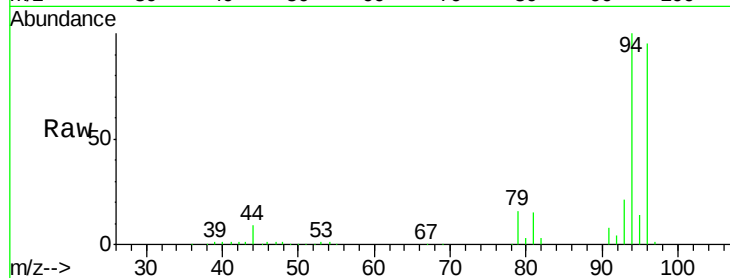
ClientSampled :

Tot Ion: 94 Resp: 33656

Ion Ratio Lower Upper

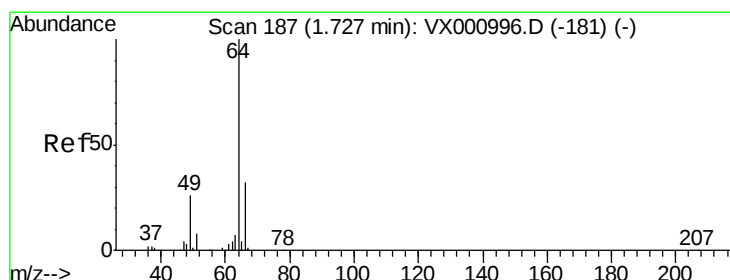
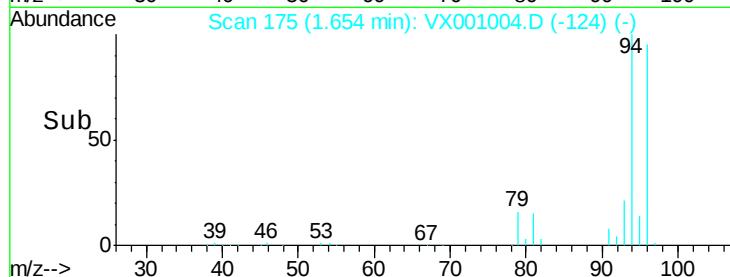
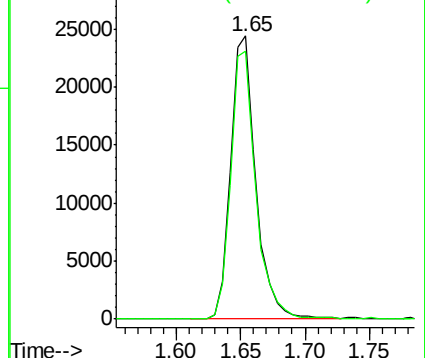
94 100

96 94.7 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.86 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001004.D

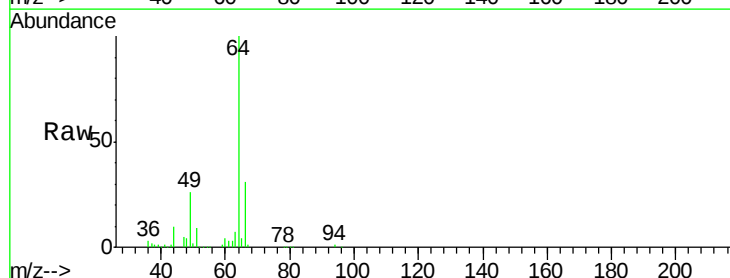
Acq: 20 Apr 2018 13:20

Tgt Ion: 64 Resp: 29628

Ion Ratio Lower Upper

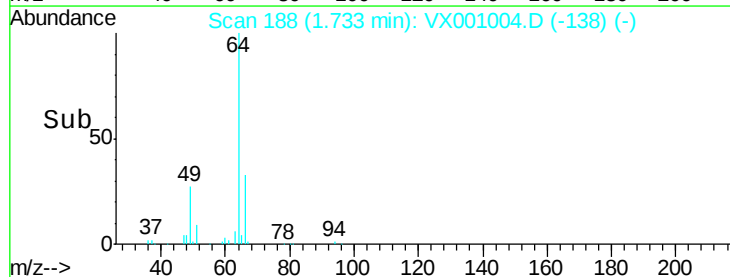
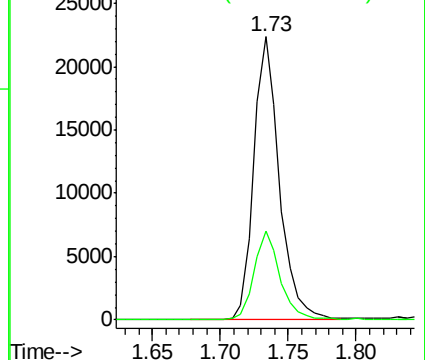
64 100

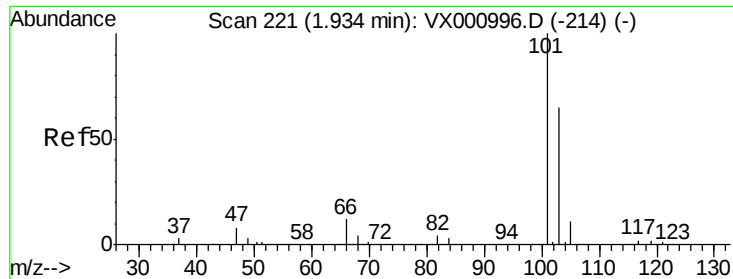
66 31.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



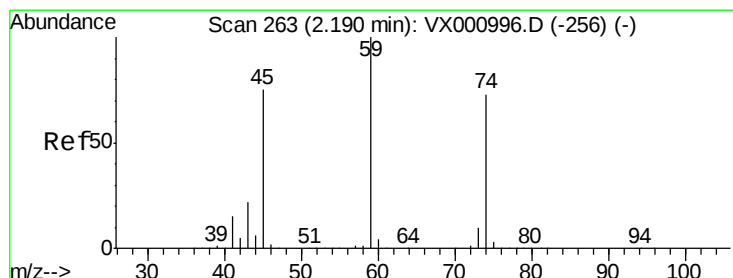
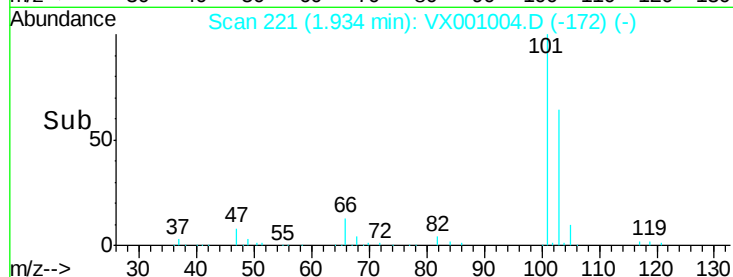
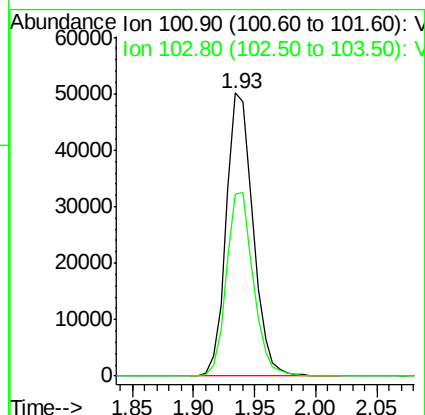
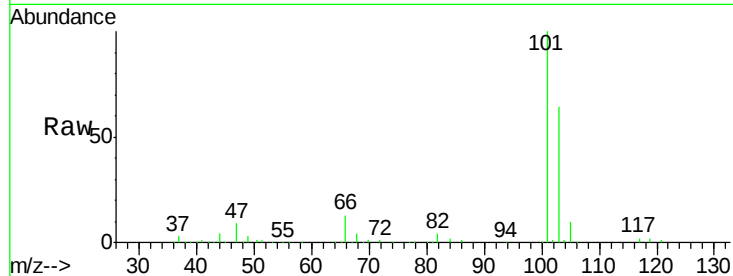


#7

Trichlorofluoromethane
 Concen: 20.10 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Instrument :
 MSVOA_X
 ClientSampled :

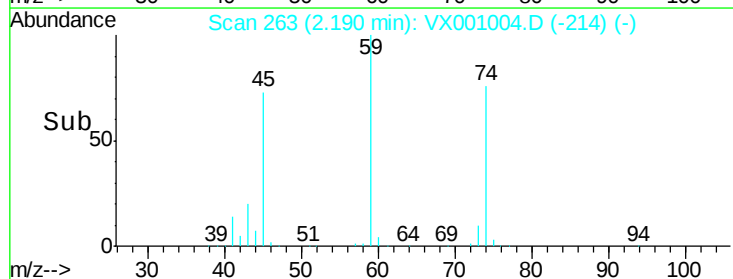
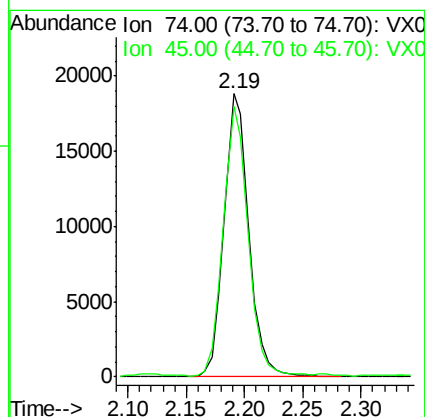
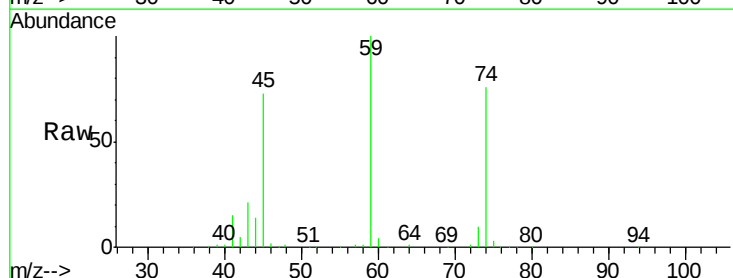
Tot Ion:101 Resp: 75812
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.8

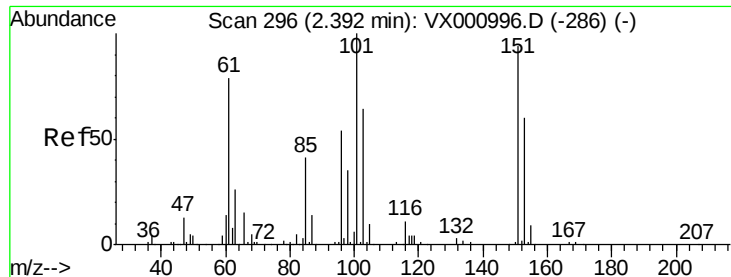


#8

Diethyl Ether
 Concen: 19.87 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion: 74 Resp: 27682
 Ion Ratio Lower Upper
 74 100
 45 95.5 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.51 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampled :

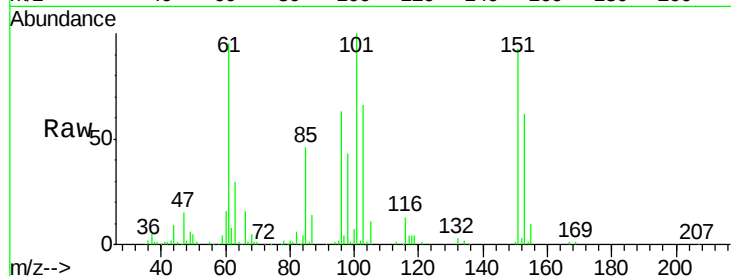
Tot Ion:101 Resp: 43107

Ion Ratio Lower Upper

101 100

85 43.4 33.9 50.9

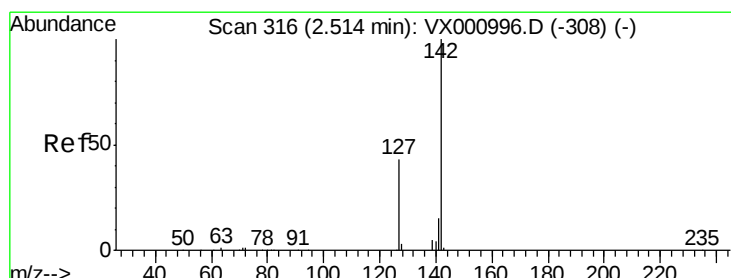
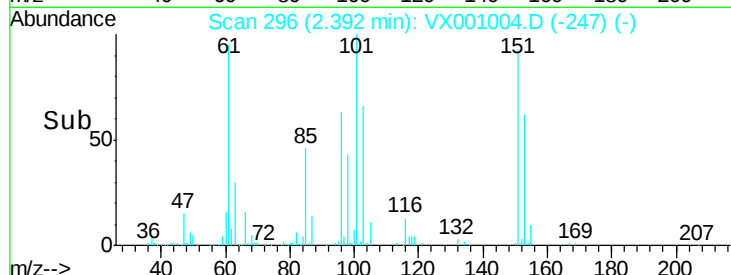
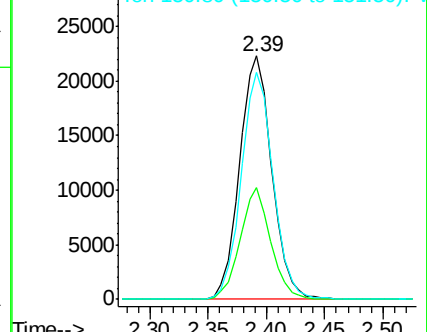
151 92.0 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.73 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

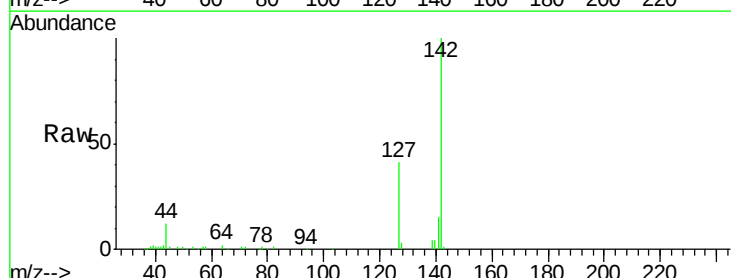
Tgt Ion:142 Resp: 26043

Ion Ratio Lower Upper

142 100

127 43.2 34.0 51.0

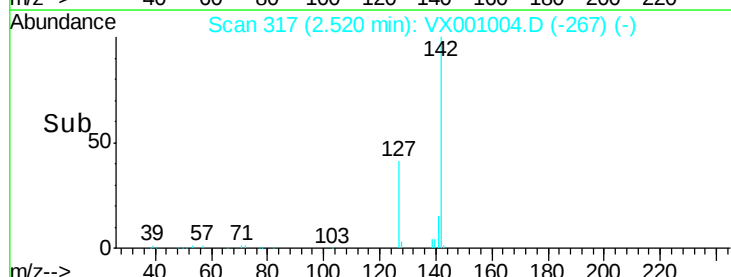
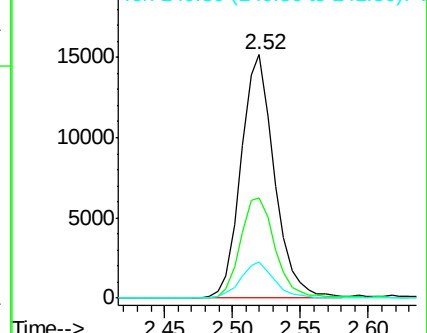
141 14.5 11.4 17.2

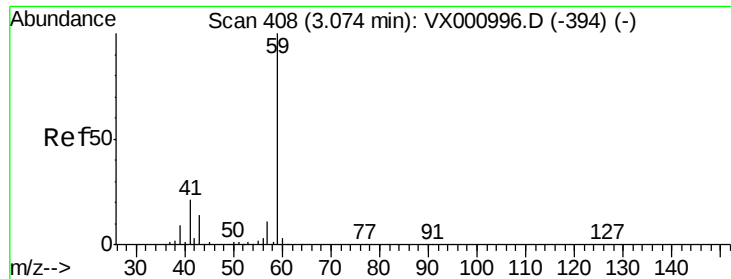


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

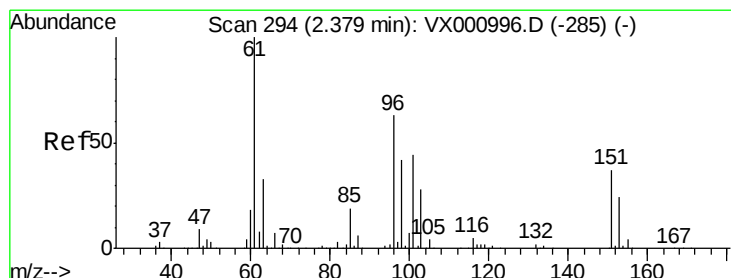
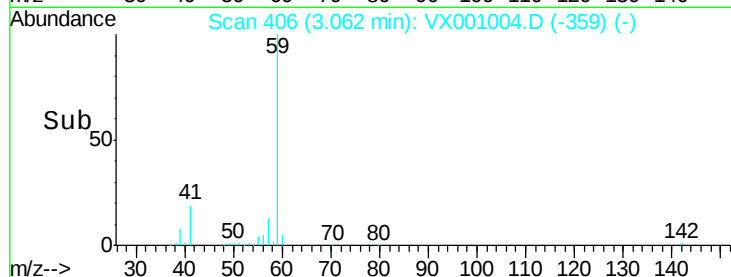
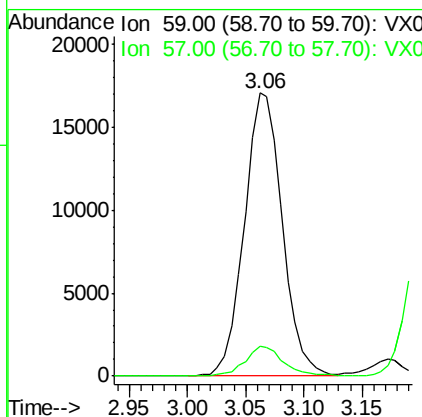
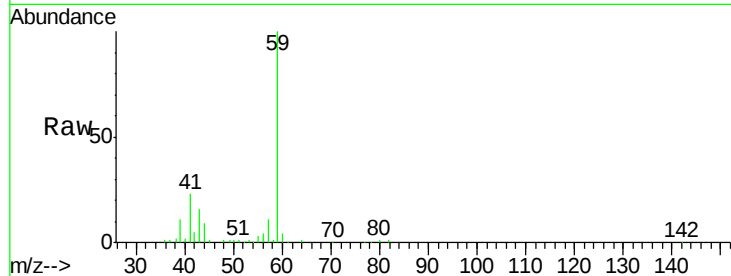




#11
Tert butyl alcohol
Concen: 96.82 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

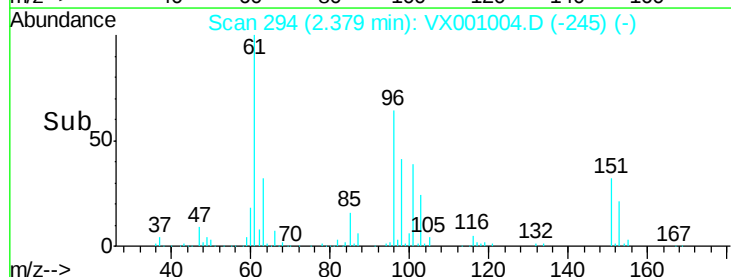
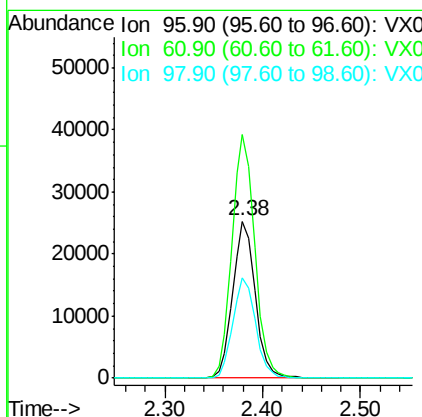
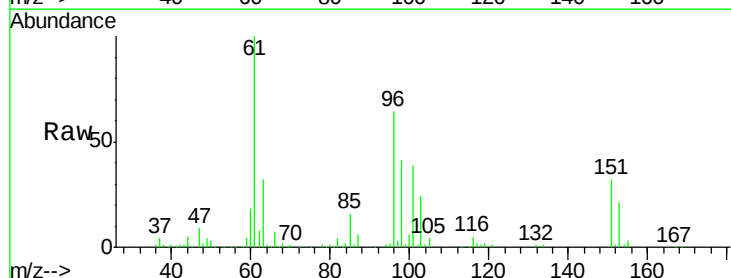
Instrument :
MSVOA_X
ClientSampleId :

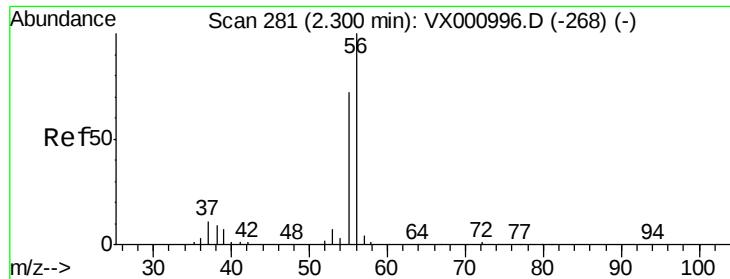
Tot Ion: 59 Resp: 38820
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.86 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 96 Resp: 40579
Ion Ratio Lower Upper
96 100
61 155.4 126.4 189.6
98 63.8 52.6 78.8





#13

Acrolein

Concen: 100.21 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

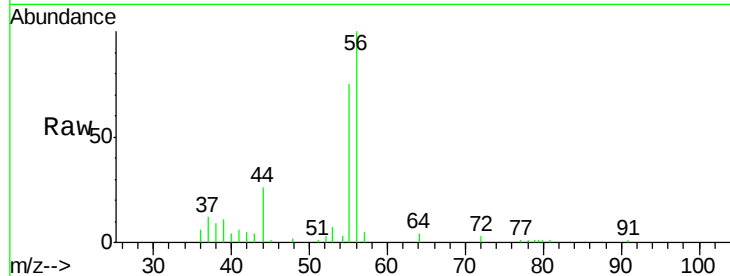
ClientSampleId :

Tot Ion: 56 Resp: 11662

Ion Ratio Lower Upper

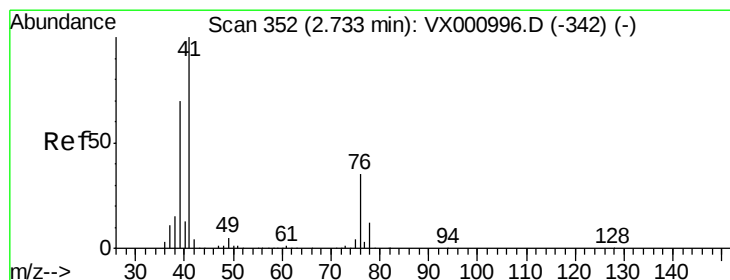
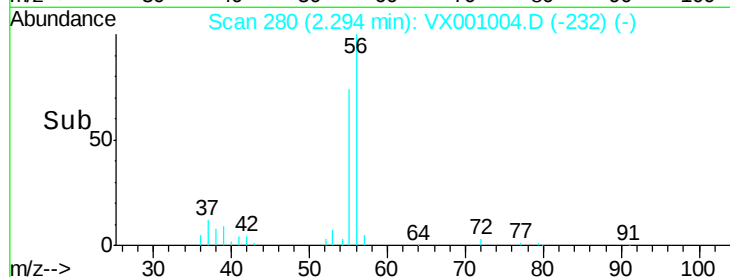
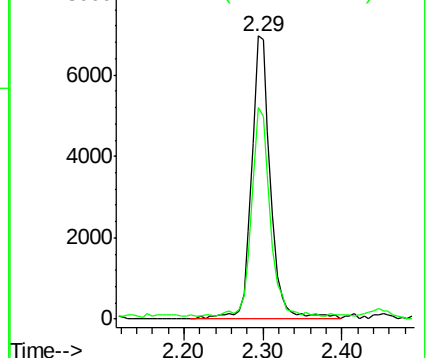
56 100

55 71.3 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.74 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

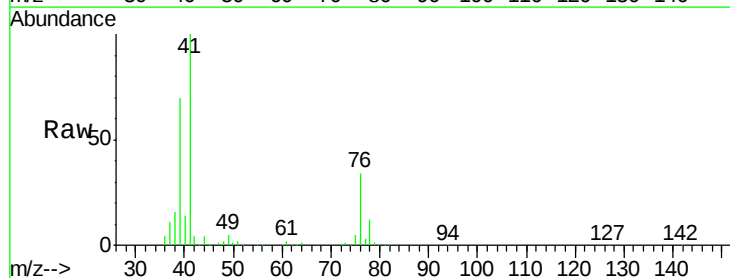
Tgt Ion: 41 Resp: 72985

Ion Ratio Lower Upper

41 100

39 67.1 53.0 79.6

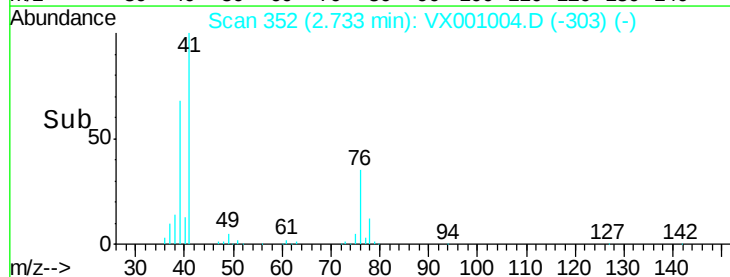
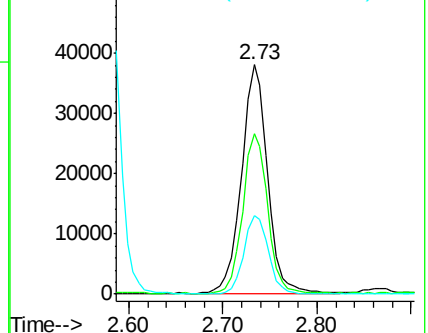
76 32.6 25.9 38.9

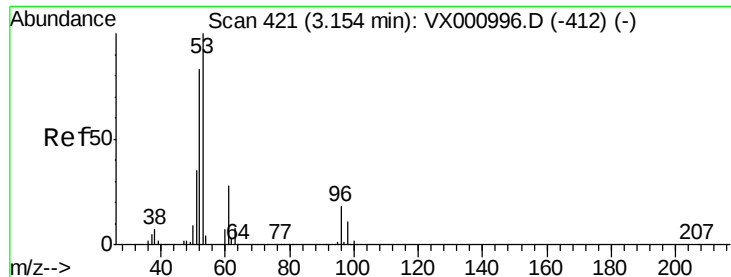


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.20 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

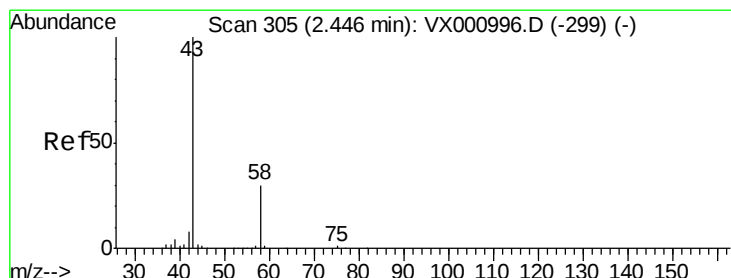
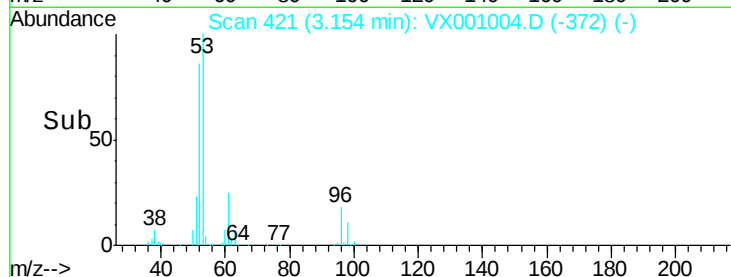
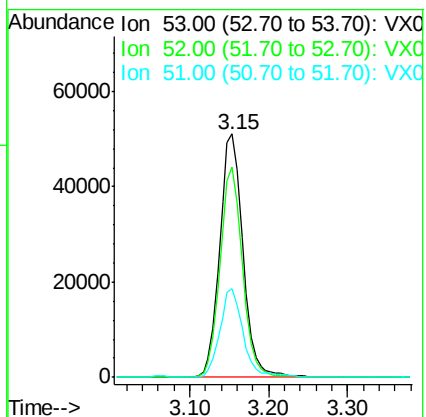
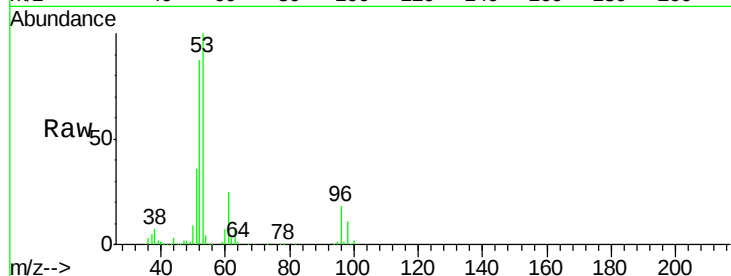
Tot Ion: 53 Resp: 104394

Ion Ratio Lower Upper

53 100

52 84.2 66.4 99.6

51 36.3 29.0 43.6



#16

Acetone

Concen: 97.50 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX001004.D

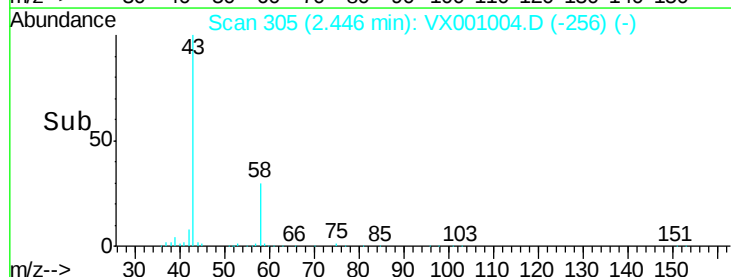
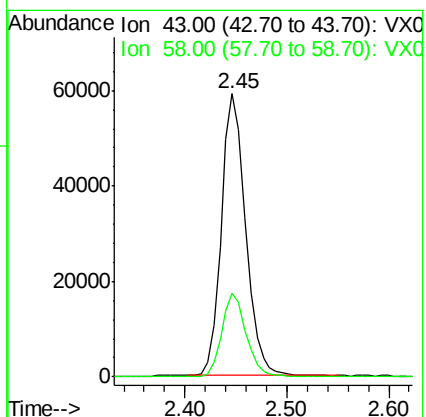
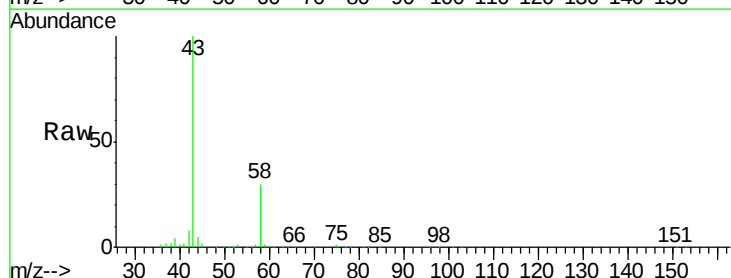
Acq: 20 Apr 2018 13:20

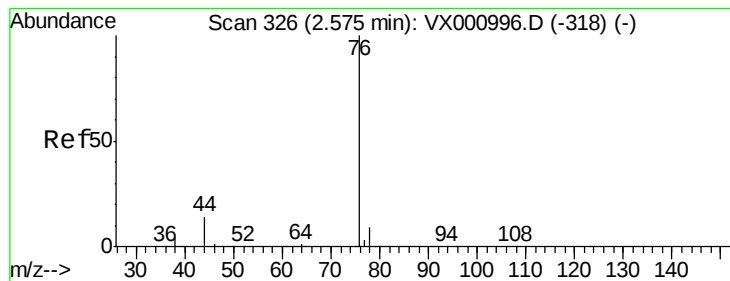
Tgt Ion: 43 Resp: 97613

Ion Ratio Lower Upper

43 100

58 29.6 23.7 35.5





#17

Carbon Disulfide

Concen: 18.87 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

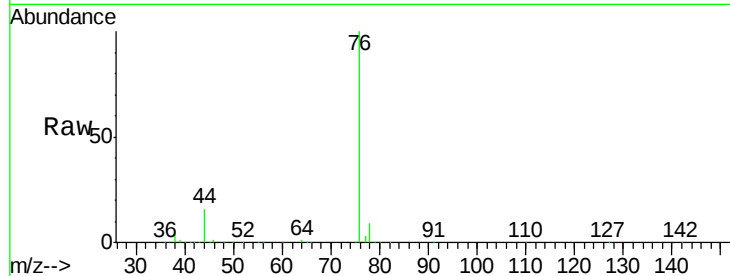
ClientSampleId :

Tot Ion: 76 Resp: 109884

Ion Ratio Lower Upper

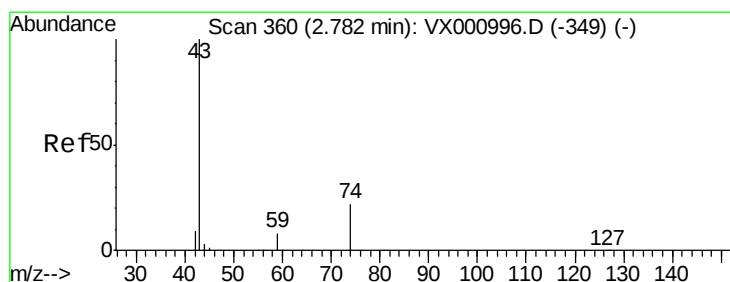
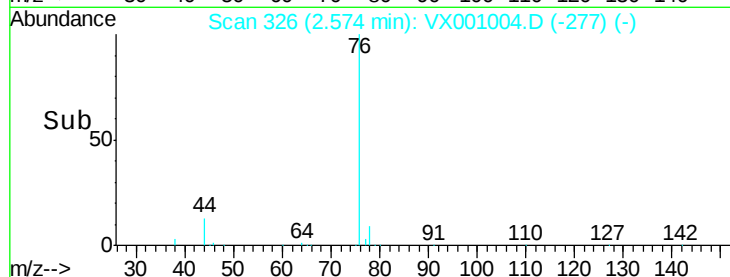
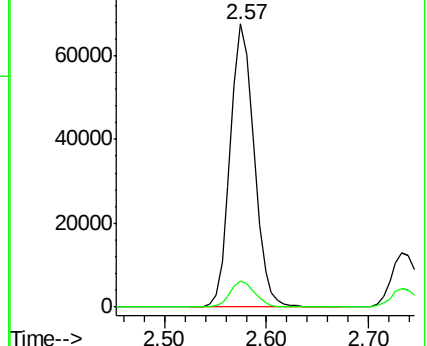
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.22 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001004.D

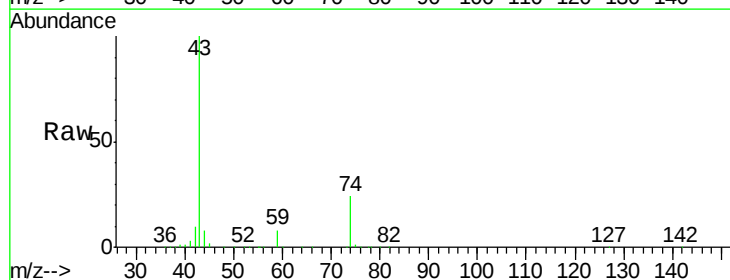
Acq: 20 Apr 2018 13:20

Tgt Ion: 43 Resp: 64296

Ion Ratio Lower Upper

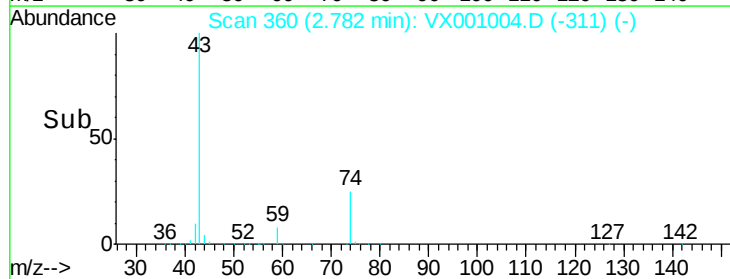
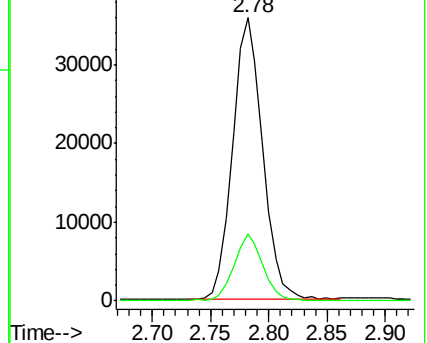
43 100

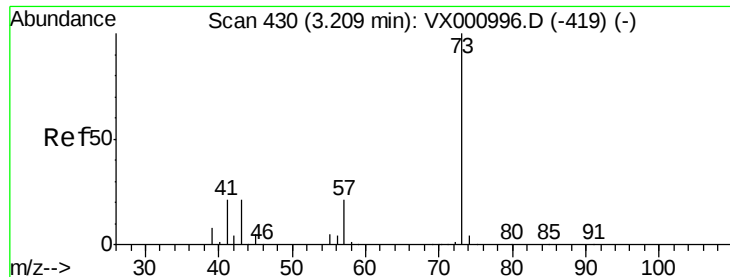
74 23.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

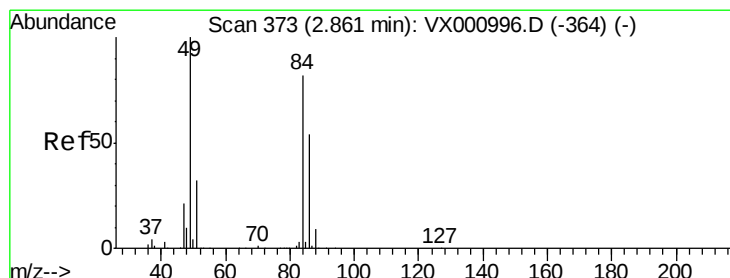
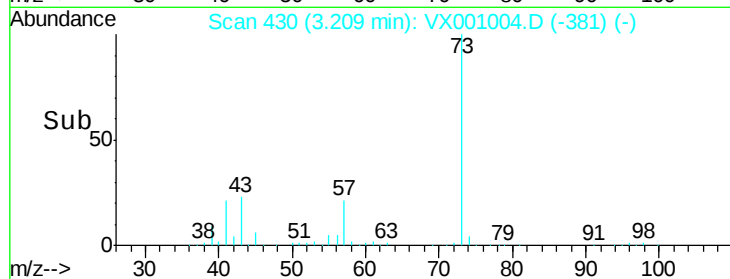
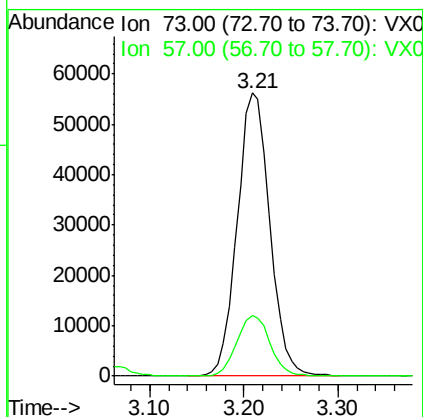
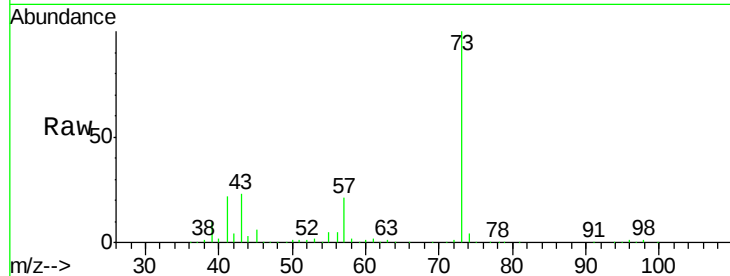




#19
Methyl tert-butyl Ether
Concen: 19.78 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

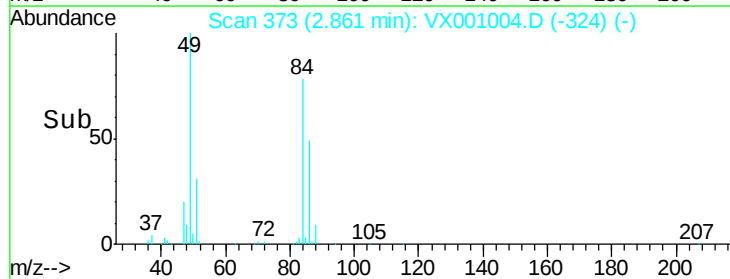
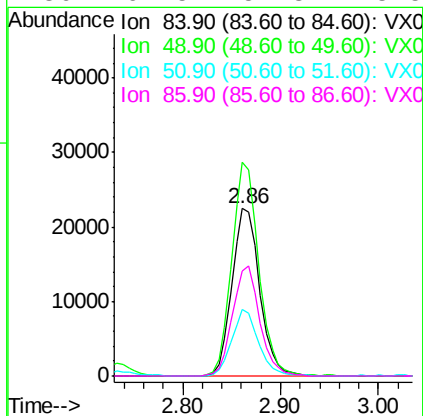
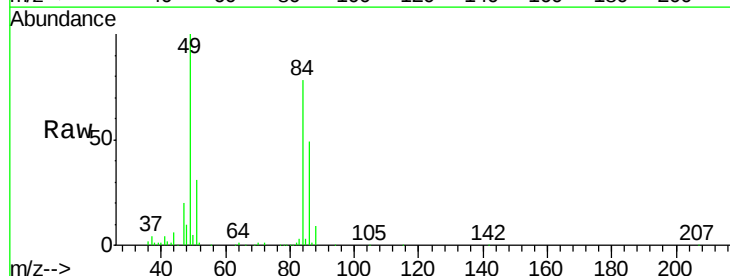
Instrument :
MSVOA_X
ClientSampleId :

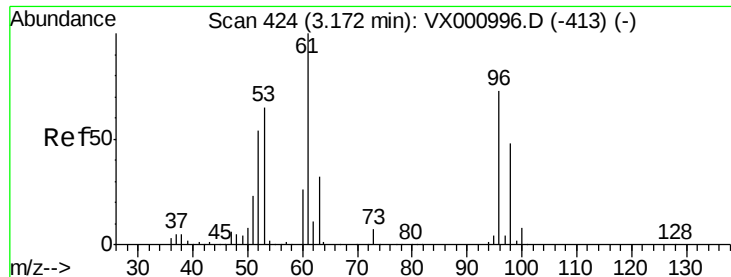
Tot Ion: 73 Resp: 135869
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7



#20
Methylene Chloride
Concen: 20.05 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 84 Resp: 44237
Ion Ratio Lower Upper
84 100
49 127.7 97.1 145.7
51 39.8 30.8 46.2
86 62.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.31 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :

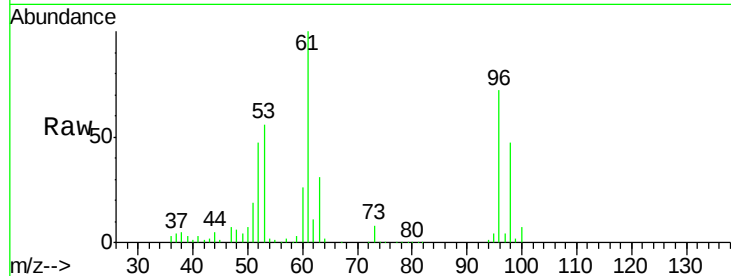
Tot Ion: 96 Resp: 43924

Ion Ratio Lower Upper

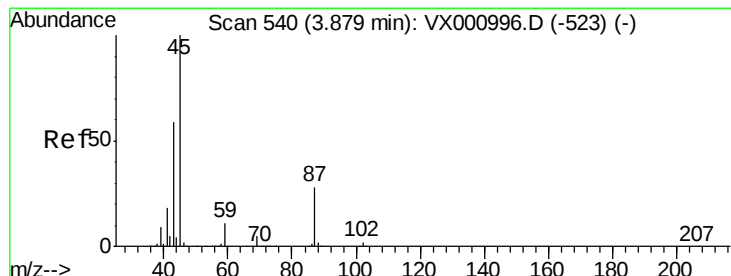
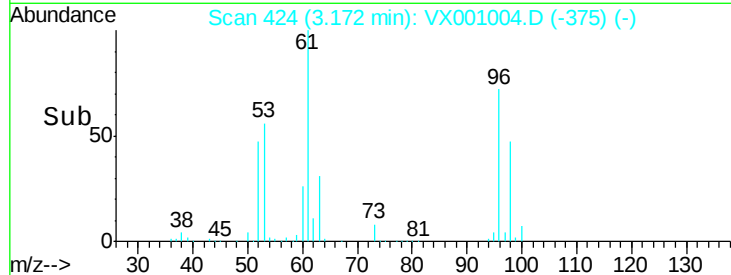
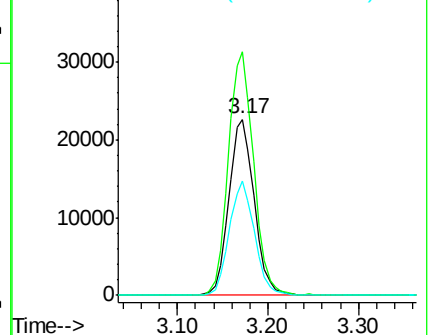
96 100

61 138.1 109.4 164.2

98 65.1 52.6 78.8



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



#22

Diisopropyl ether

Concen: 19.68 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Tgt Ion: 45 Resp: 140856

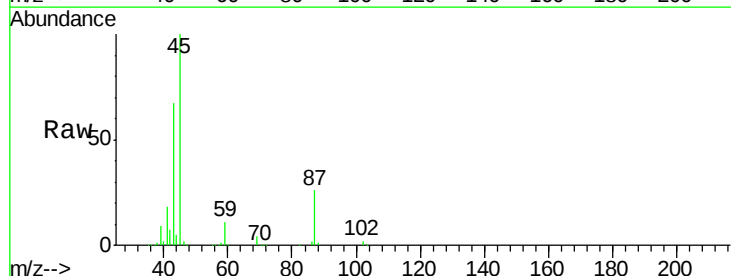
Ion Ratio Lower Upper

45 100

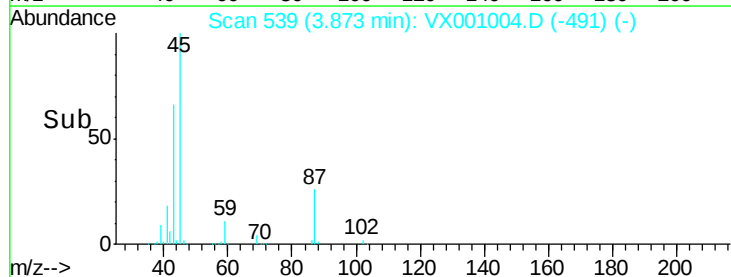
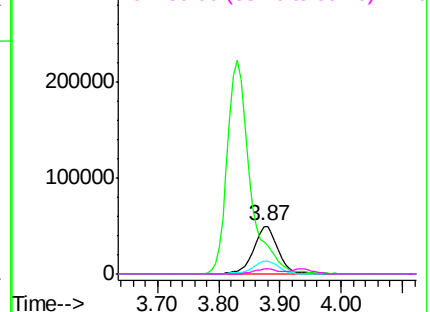
43 66.5 47.0 70.4

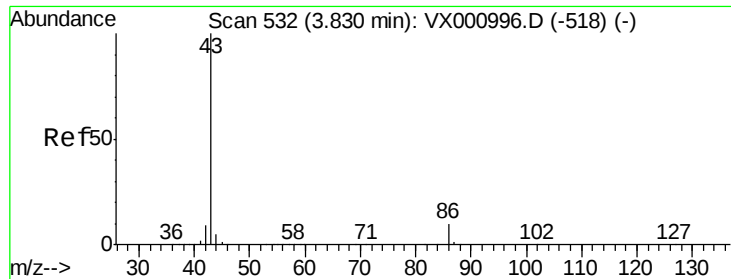
87 26.4 22.5 33.7

59 10.9 8.8 13.2



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





#23

Vinyl Acetate

Concen: 97.77 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

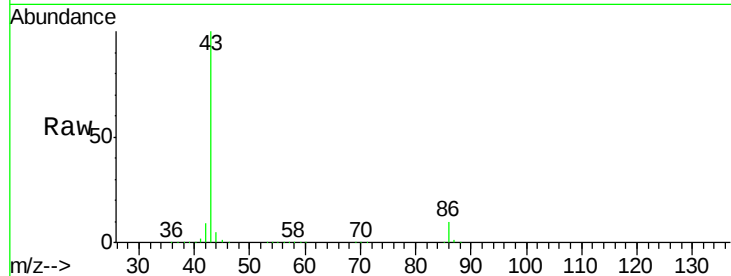
ClientSampled :

Tot Ion: 43 Resp: 579470

Ion Ratio Lower Upper

43 100

86 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

250000

200000

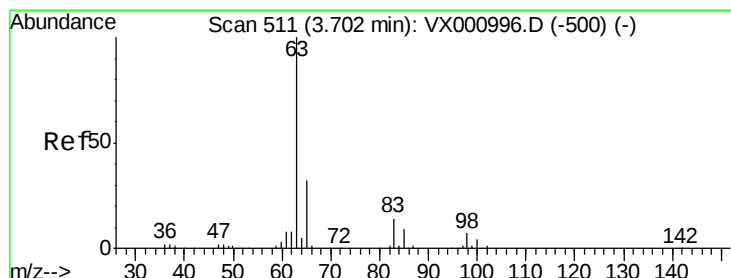
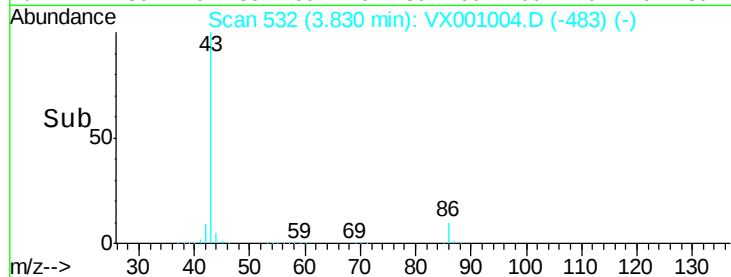
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.70 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

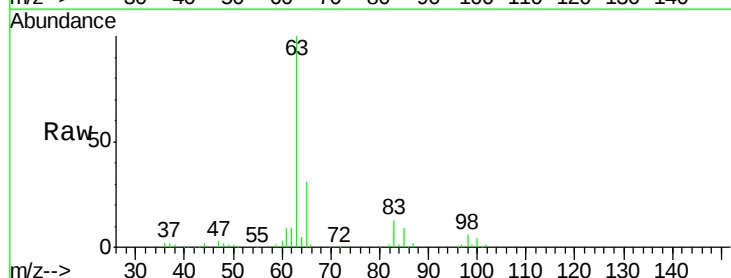
Tgt Ion: 63 Resp: 79114

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

100 4.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

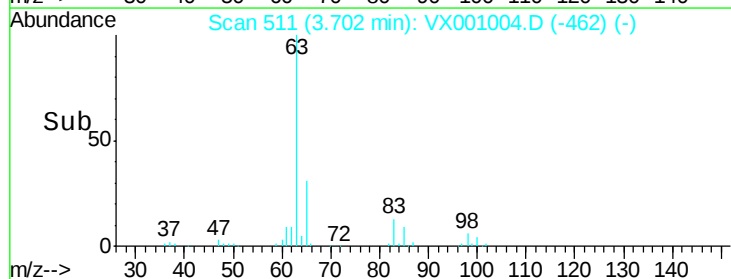
30000

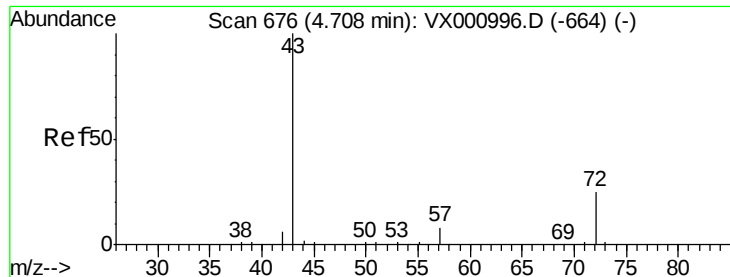
20000

10000

0

Time-->





#25

2-Butanone

Concen: 97.06 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

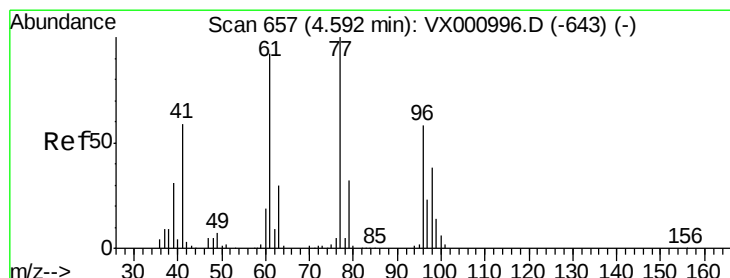
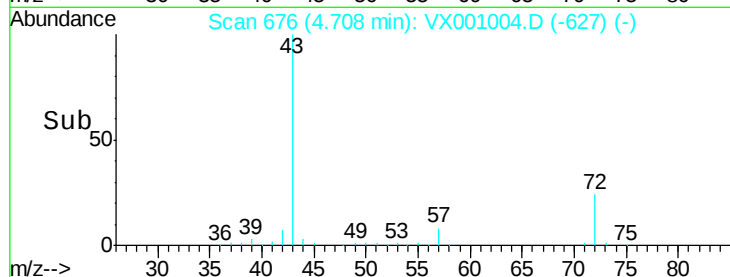
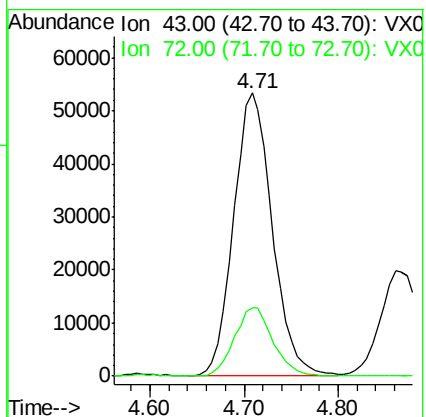
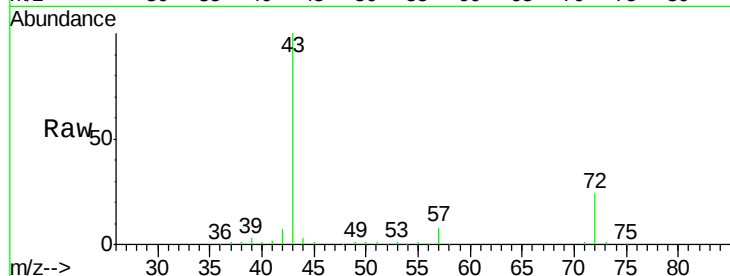
ClientSampled :

Tot Ion: 43 Resp: 151680

Ion Ratio Lower Upper

43 100

72 24.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 19.41 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001004.D

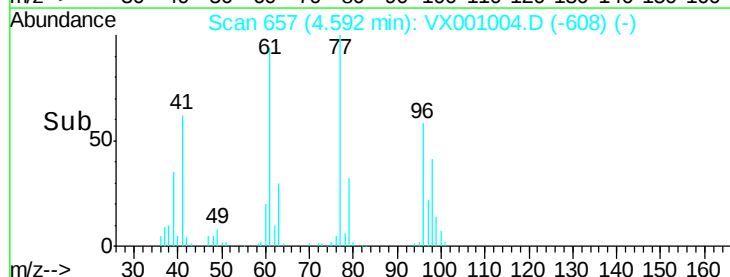
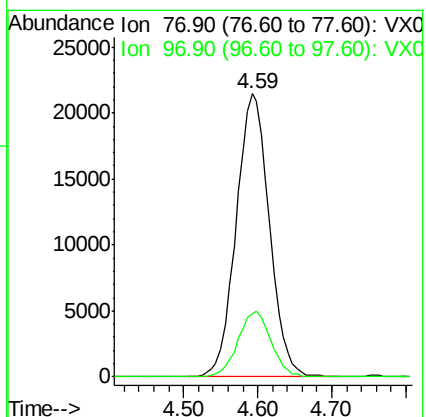
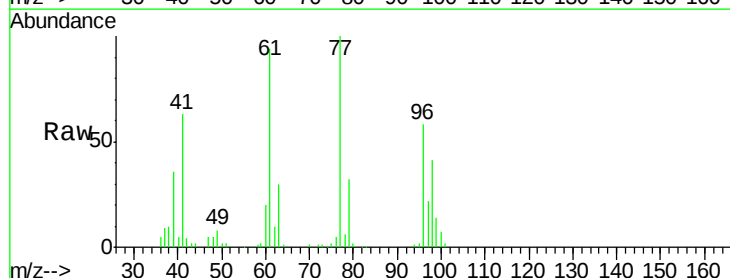
Acq: 20 Apr 2018 13:20

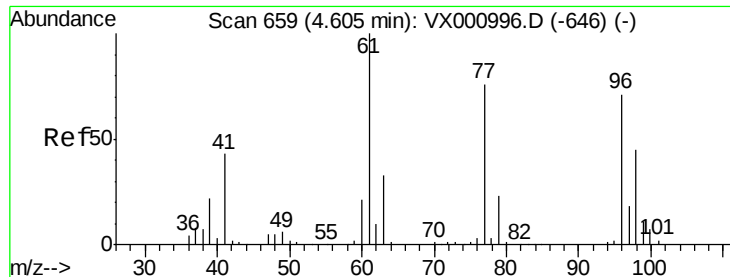
Tgt Ion: 77 Resp: 67030

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.56 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :

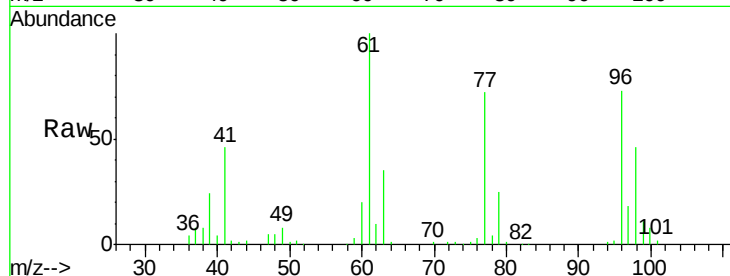
Tot Ion: 96 Resp: 49575

Ion Ratio Lower Upper

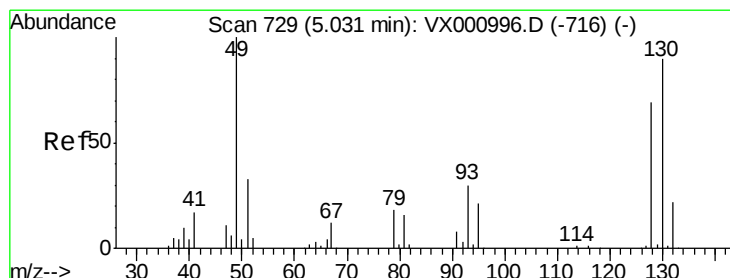
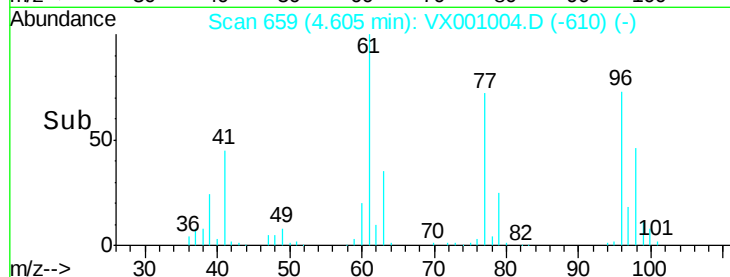
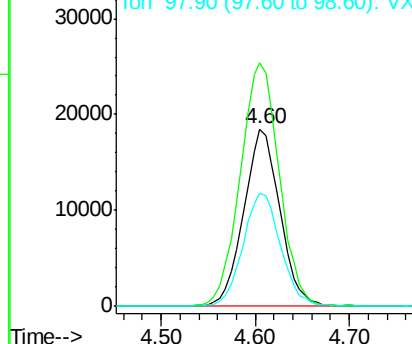
96 100

61 148.0 0.0 297.0

98 66.3 0.0 130.0



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



#28

Bromochloromethane

Concen: 18.73 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

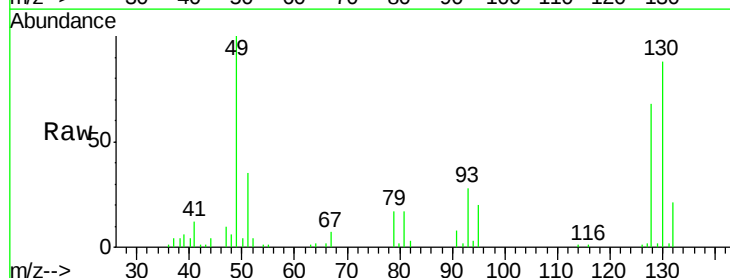
Tgt Ion: 49 Resp: 28927

Ion Ratio Lower Upper

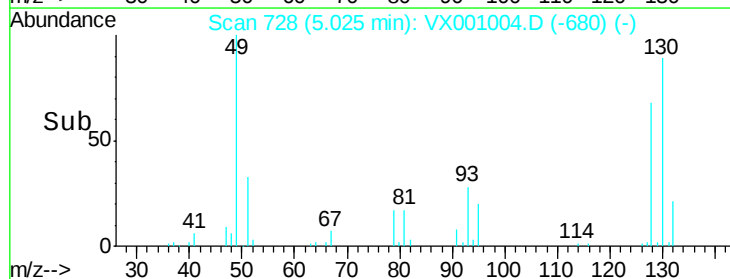
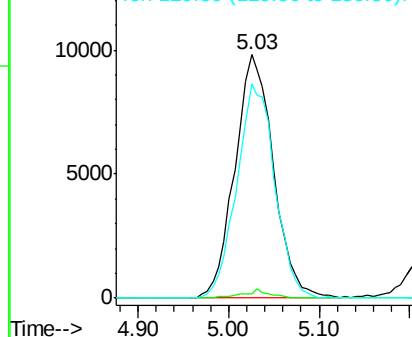
49 100

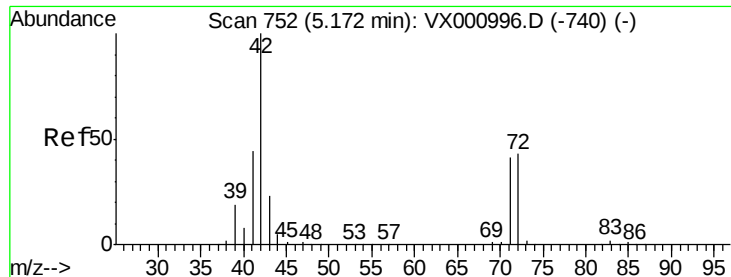
129 2.5 0.0 4.8

130 86.4 70.6 105.8



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

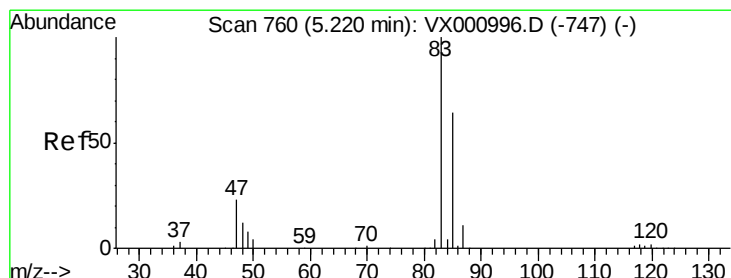
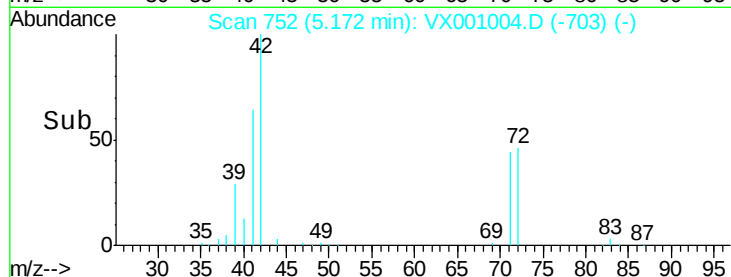
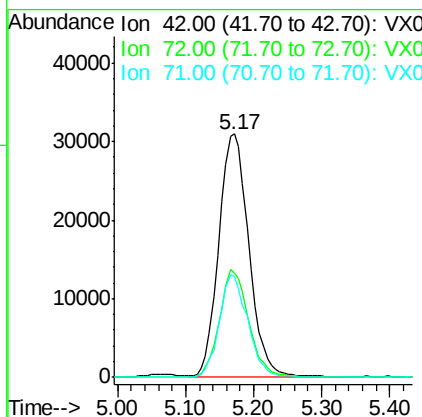
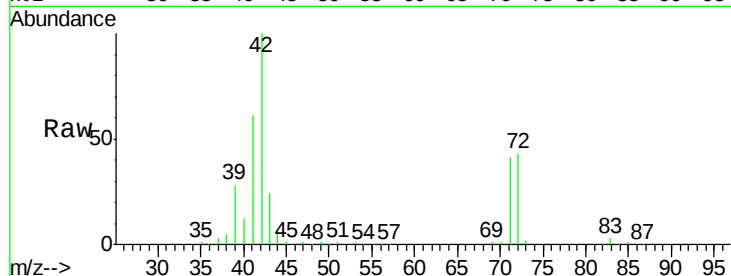




#29
Tetrahydrofuran
Concen: 95.53 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

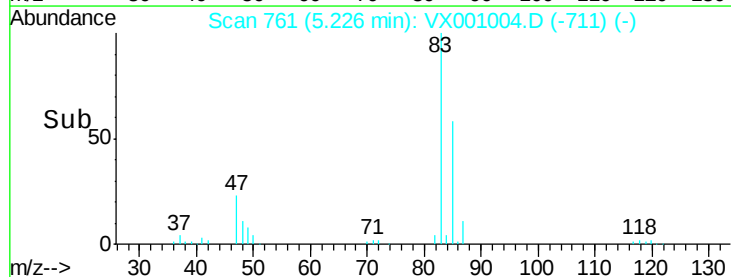
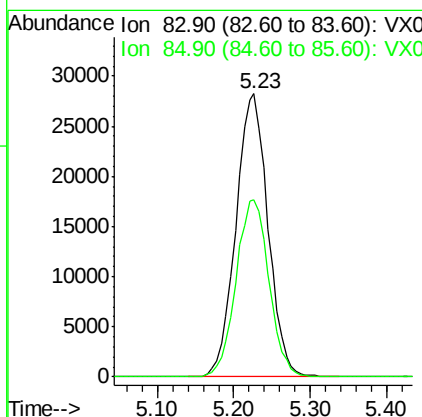
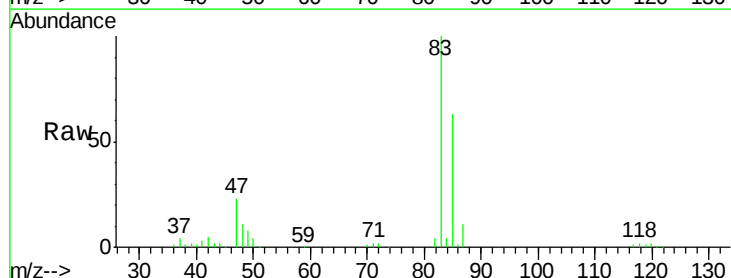
Instrument :
MSVOA_X
ClientSampled :

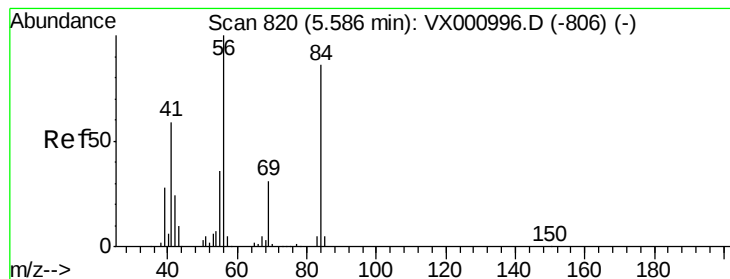
Tot Ion: 42 Resp: 94337
Ion Ratio Lower Upper
42 100
72 43.4 34.6 52.0
71 40.2 32.6 49.0



#30
Chloroform
Concen: 19.72 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 83 Resp: 82025
Ion Ratio Lower Upper
83 100
85 62.8 51.3 76.9





#31

Cvclohexane

Concen: 19.31 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :

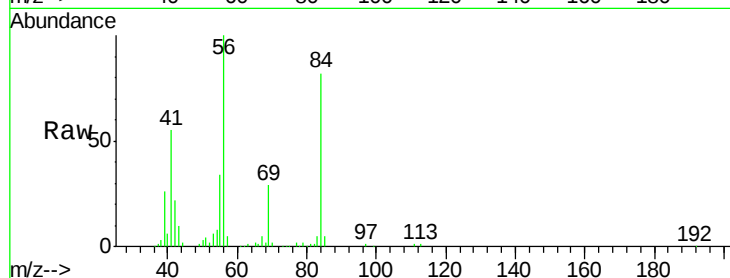
Tot Ion: 56 Resp: 72368

Ion Ratio Lower Upper

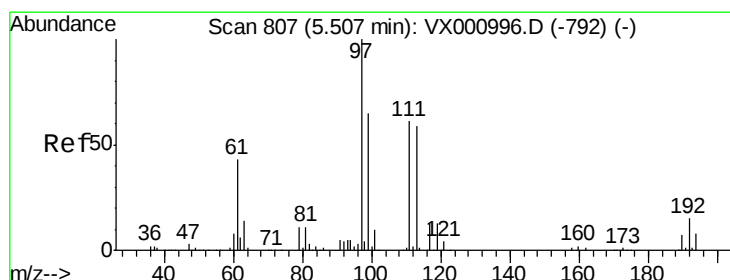
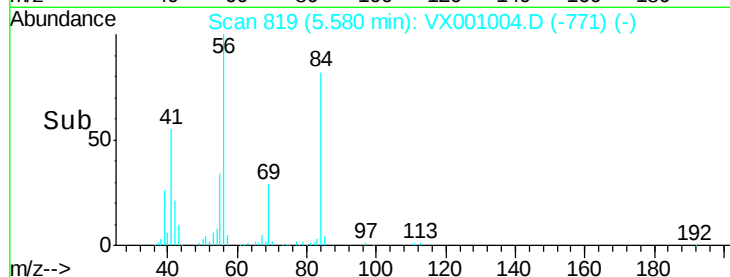
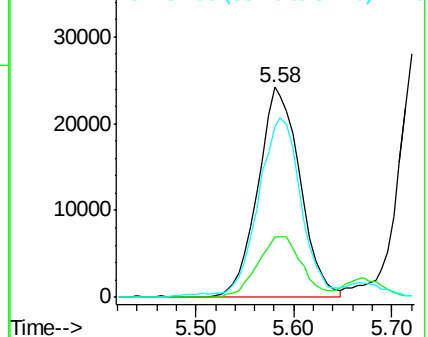
56 100

69 28.5 24.6 36.8

84 80.0 69.0 103.6



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



#32

1,1,1-Trichloroethane

Concen: 19.73 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

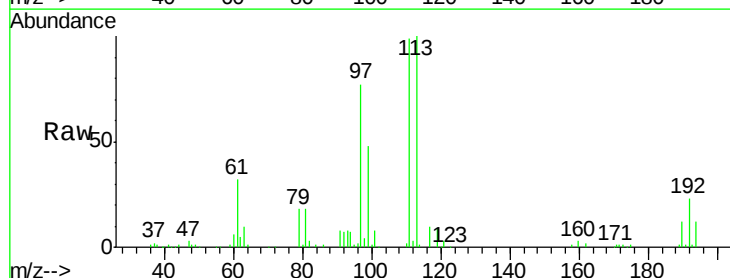
Tgt Ion: 97 Resp: 73555

Ion Ratio Lower Upper

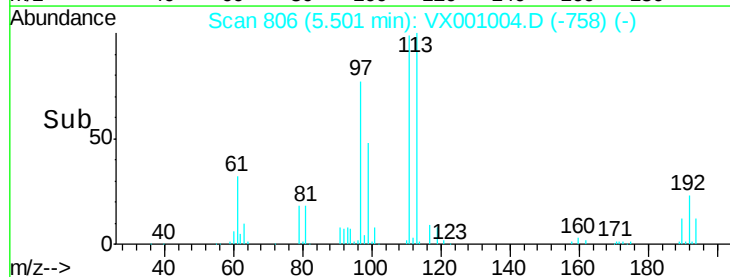
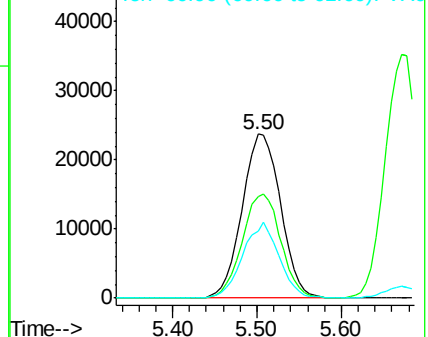
97 100

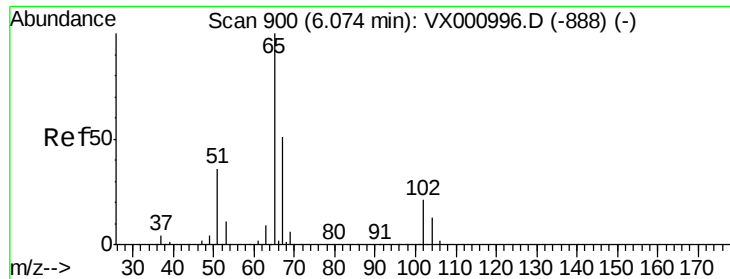
99 63.6 51.1 76.7

61 43.6 34.4 51.6



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





#33

1,2-Dichloroethane-d4

Concen: 46.19 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

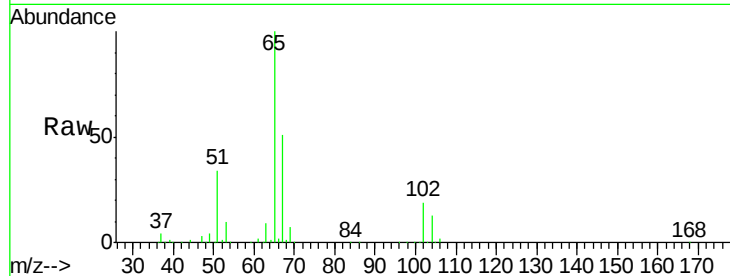
ClientSampled :

Tot Ion: 65 Resp: 122815

Ion Ratio Lower Upper

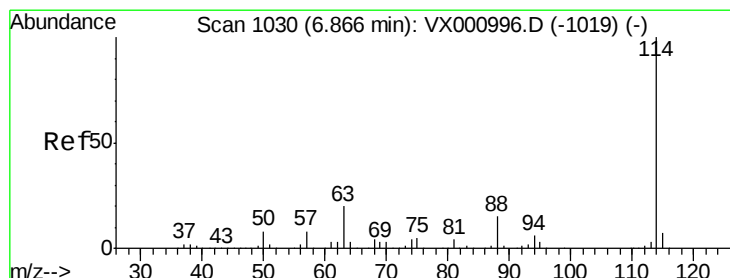
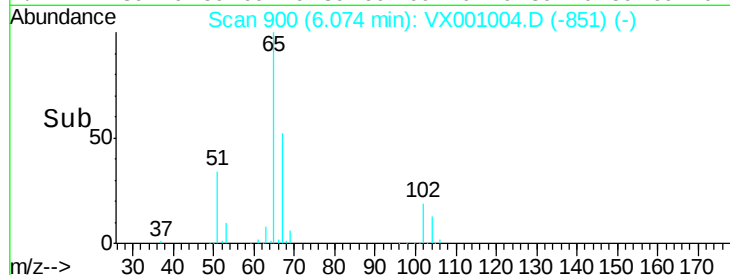
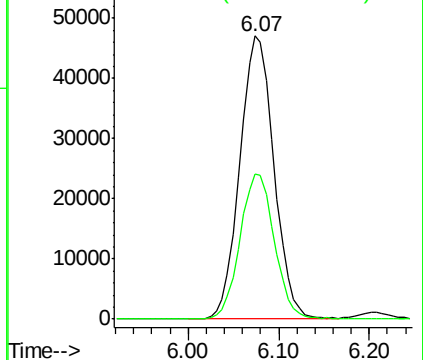
65 100

67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

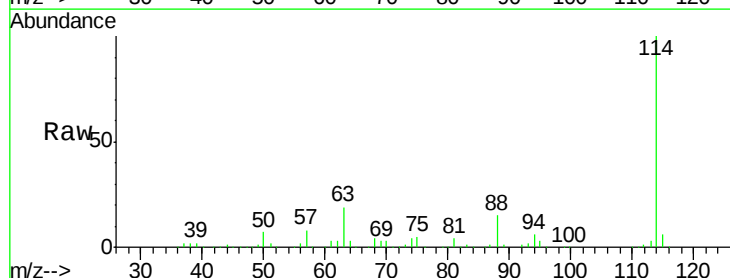
Tgt Ion: 114 Resp: 289327

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

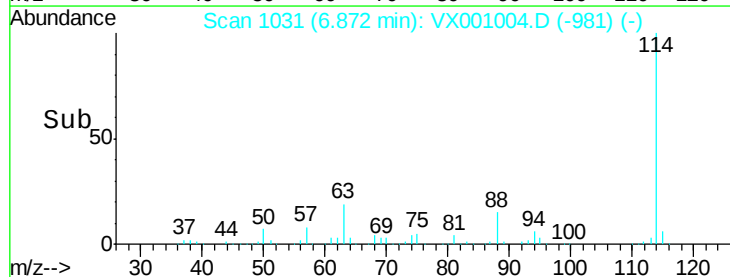
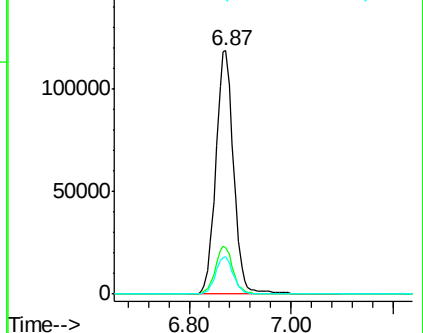
88 15.3 0.0 29.8

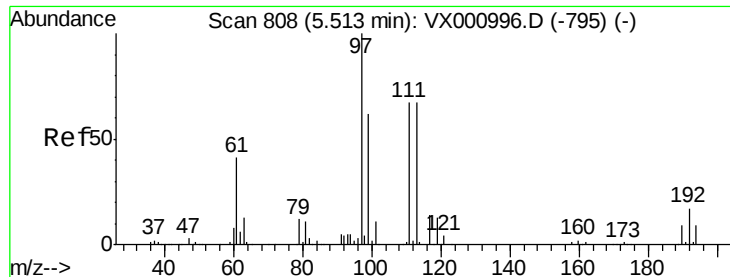


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.39 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

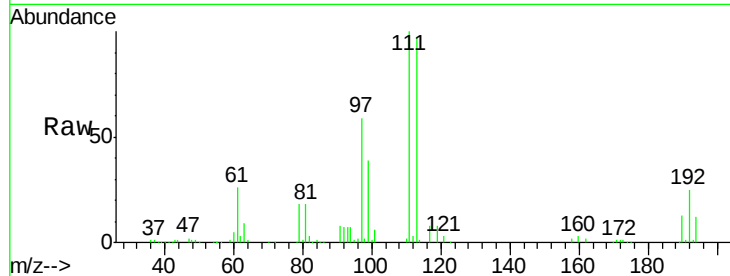
Tot Ion:113 Resp: 100149

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.2

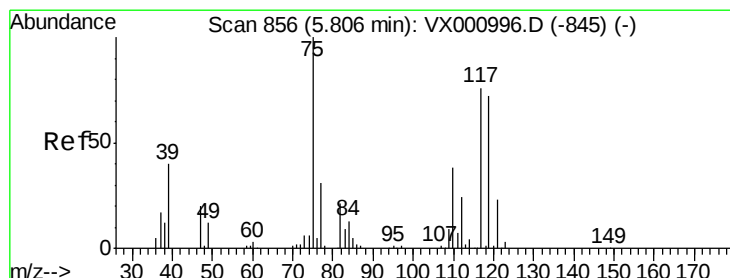
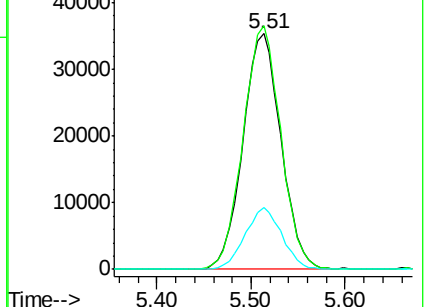
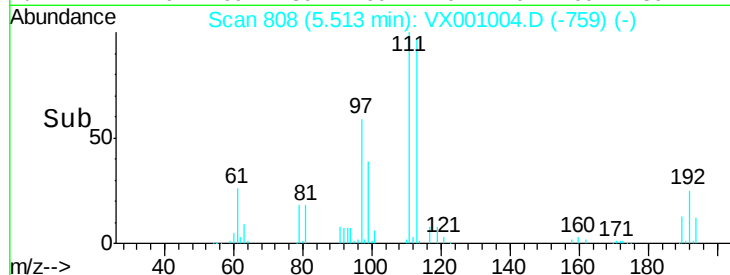
192 25.6 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.87 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

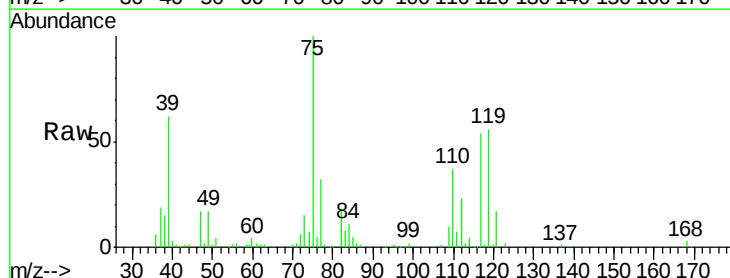
Tgt Ion: 75 Resp: 64172

Ion Ratio Lower Upper

75 100

110 36.7 18.7 56.1

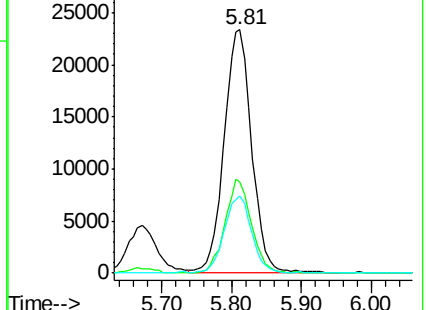
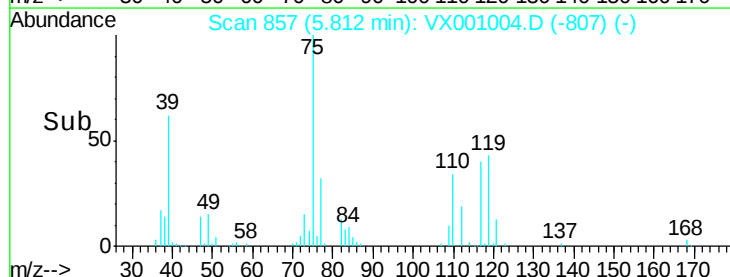
77 30.7 25.0 37.4

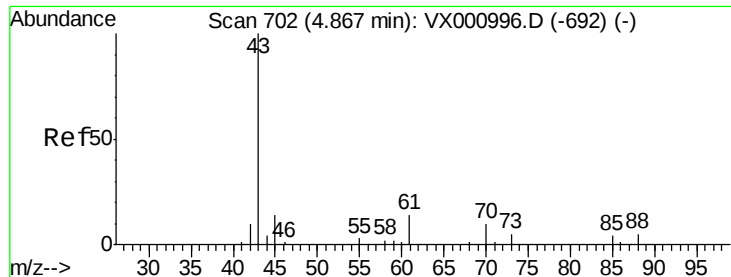


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

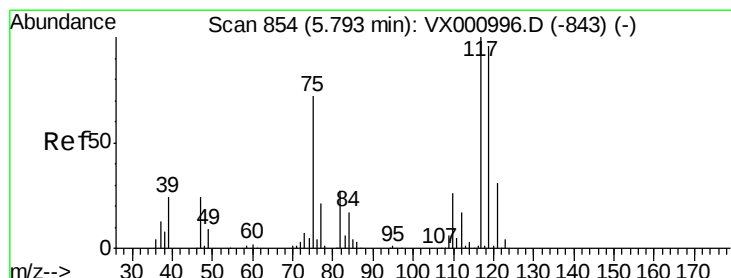
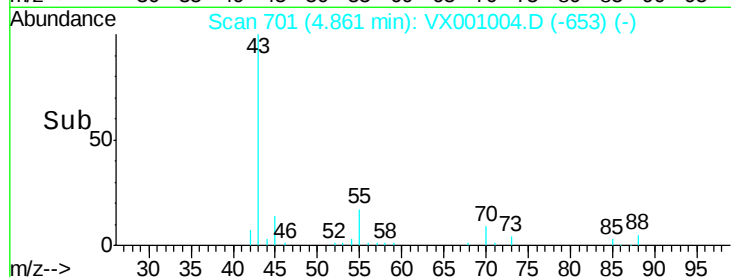
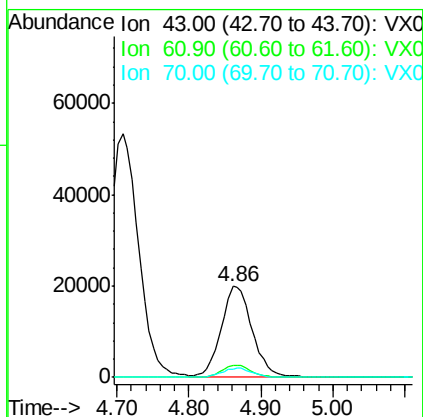
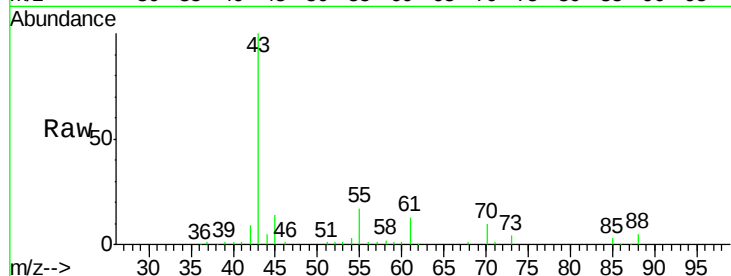




#37
Ethyl Acetate
Concen: 18.97 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

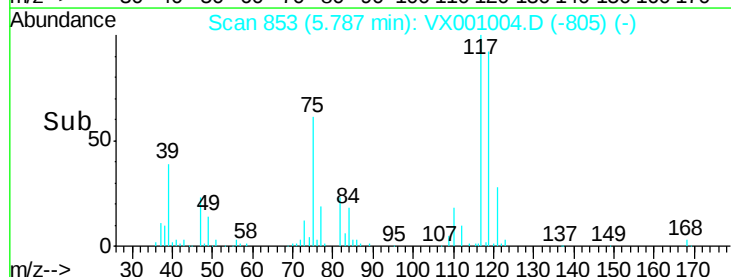
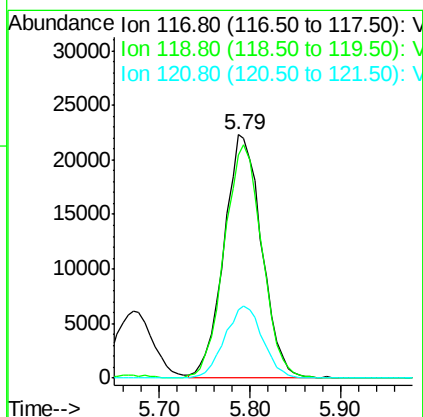
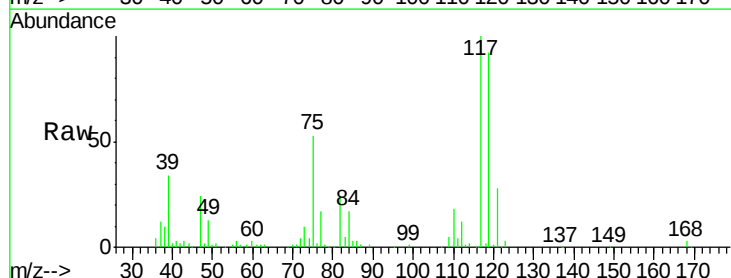
Instrument :
MSVOA_X
ClientSampleId :

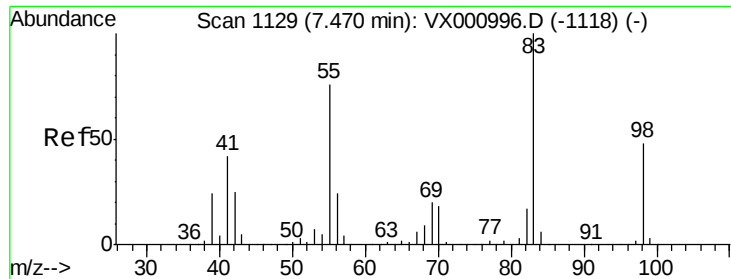
Tot Ion: 43 Resp: 59151
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 10.1 8.3 12.5



#38
Carbon Tetrachloride
Concen: 18.69 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 117 Resp: 64336
Ion Ratio Lower Upper
117 100
119 91.6 76.5 114.7
121 28.2 24.5 36.7

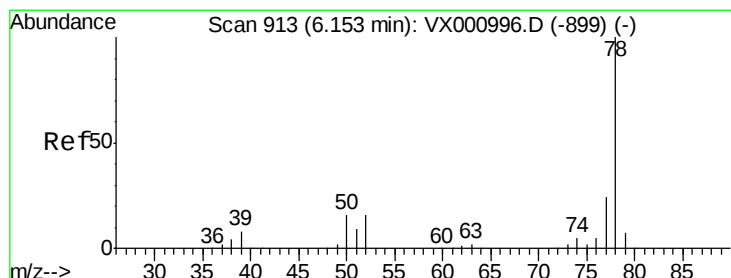
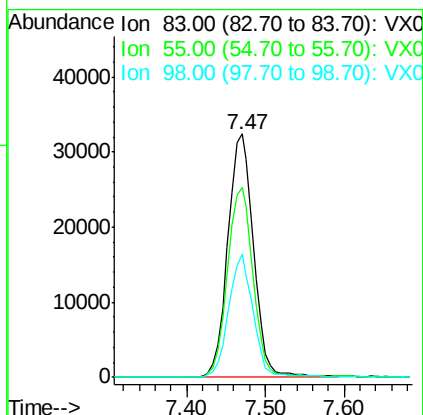
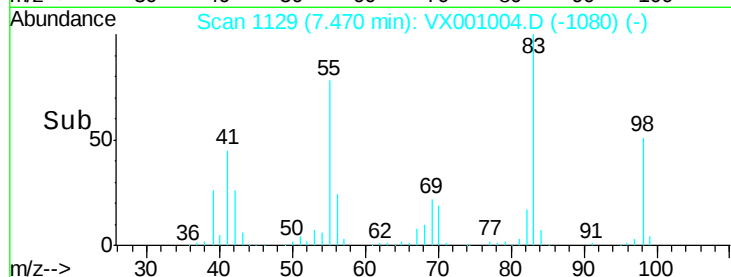
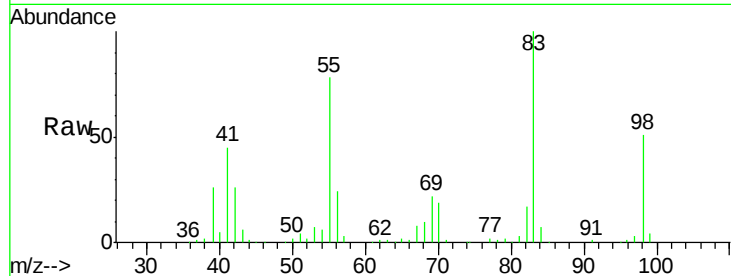




#39
Methvlcvclohexane
Concen: 18.64 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

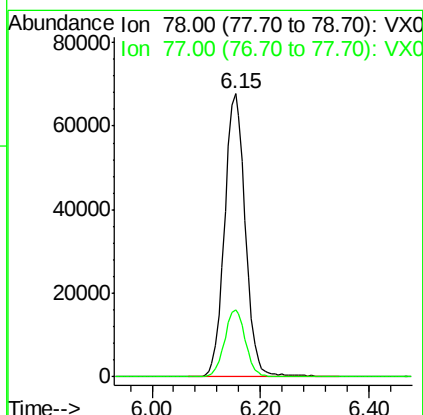
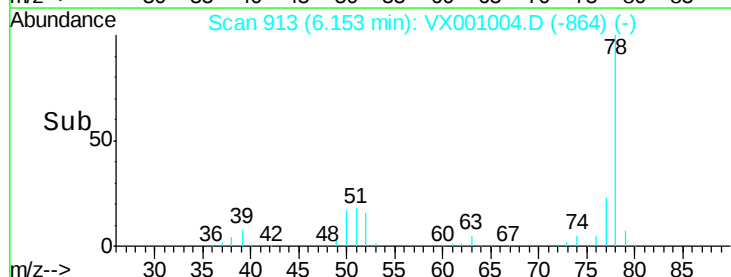
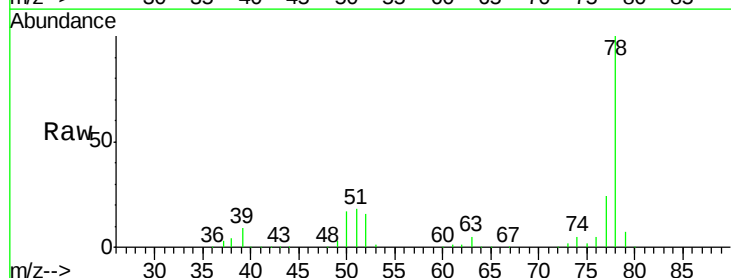
Instrument :
MSVOA_X
ClientSampled :

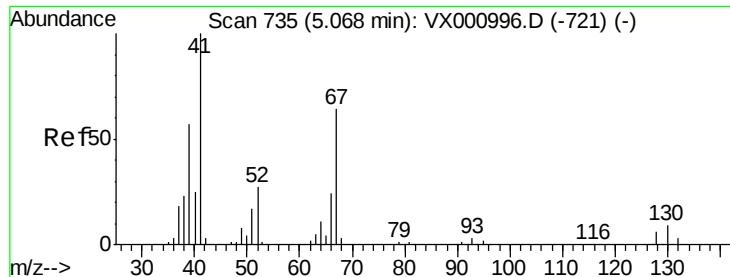
Tot Ion: 83 Resp: 73781
Ion Ratio Lower Upper
83 100
55 77.9 60.6 91.0
98 50.7 38.2 57.4



#40
Benzene
Concen: 19.09 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 78 Resp: 180409
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3





#41

Methacrylonitrile

Concen: 18.81 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 36630

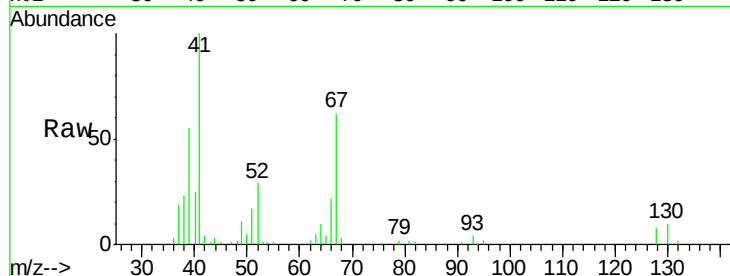
Ion Ratio Lower Upper

41 100

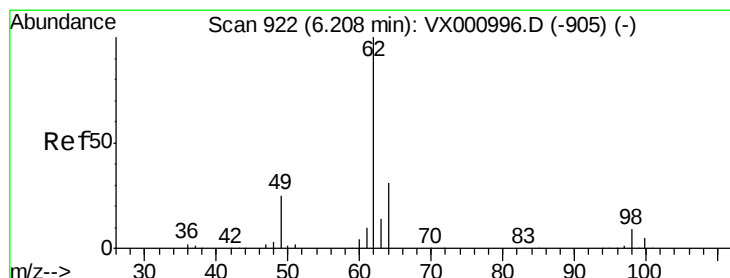
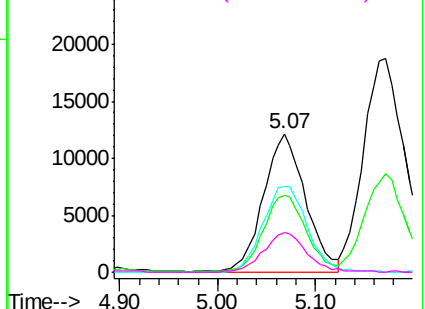
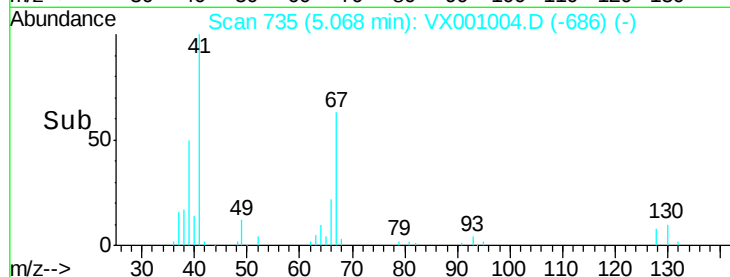
39 55.5 45.2 67.8

67 65.5 53.8 80.8

52 29.4 22.4 33.6



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



#42

1,2-Dichloroethane

Concen: 19.35 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX001004.D

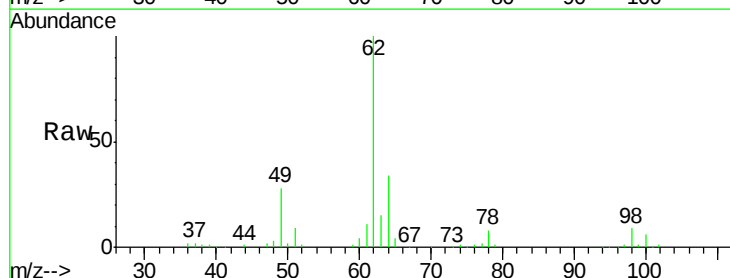
Acq: 20 Apr 2018 13:20

Tgt Ion: 62 Resp: 70203

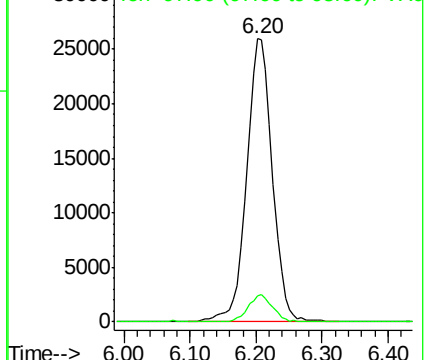
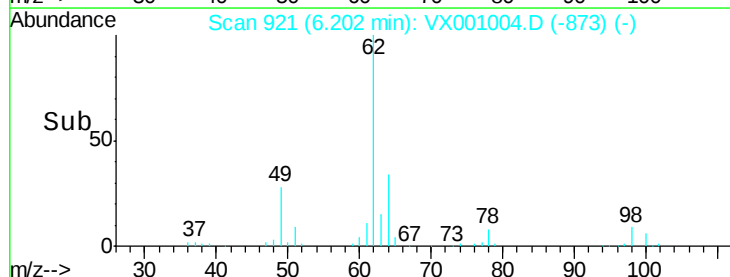
Ion Ratio Lower Upper

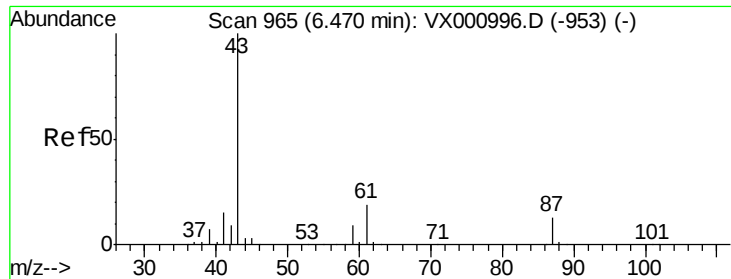
62 100

98 9.0 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 18.57 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampled :

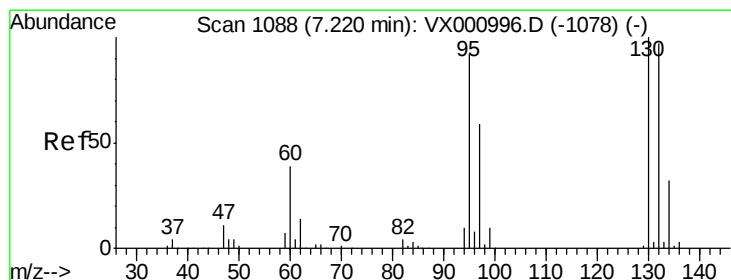
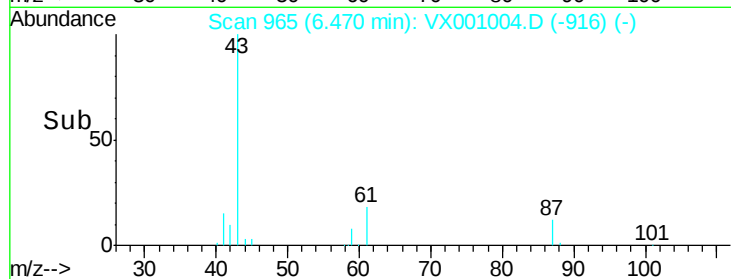
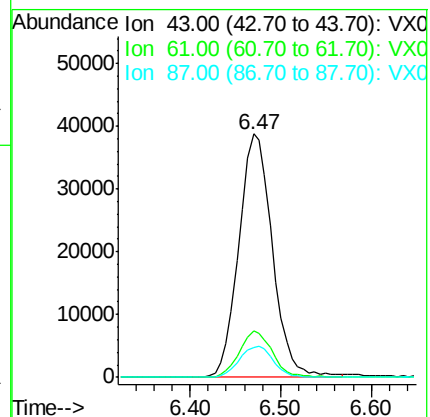
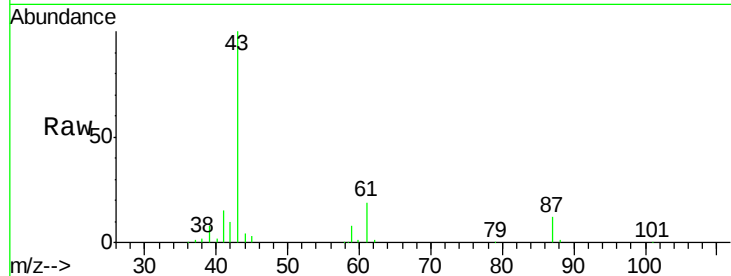
Tot Ion: 43 Resp: 99370

Ion Ratio Lower Upper

43 100

61 18.9 15.4 23.2

87 13.0 10.6 15.8



#44

Trichloroethene

Concen: 19.06 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001004.D

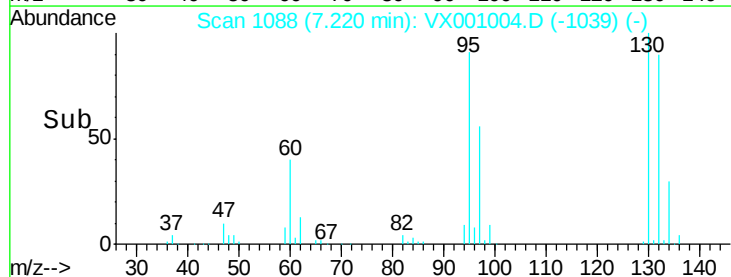
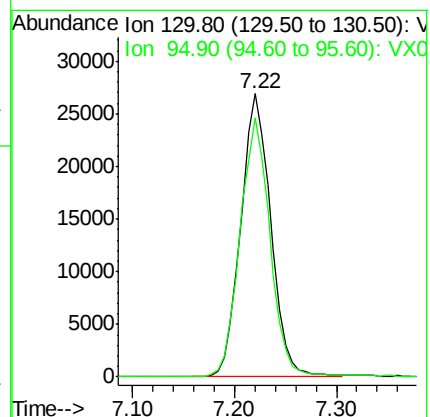
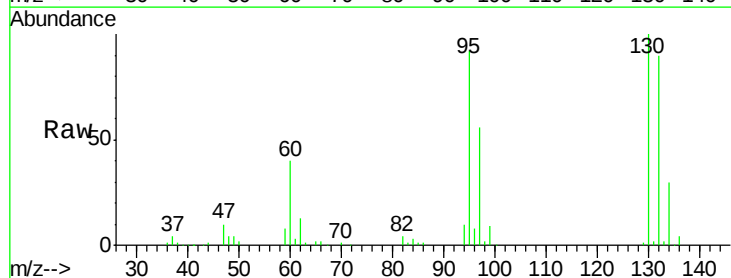
Acq: 20 Apr 2018 13:20

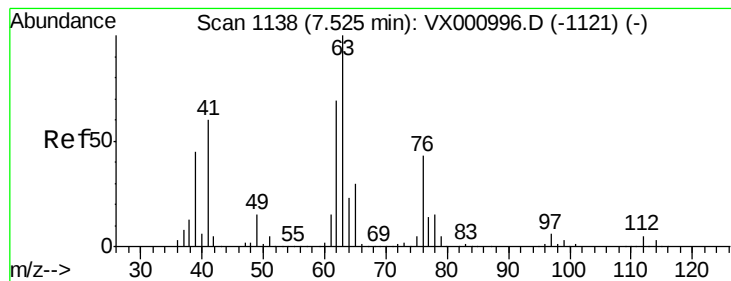
Tgt Ion:130 Resp: 55030

Ion Ratio Lower Upper

130 100

95 91.7 0.0 184.2





#45

1,2-Dichloropropane

Concen: 19.10 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

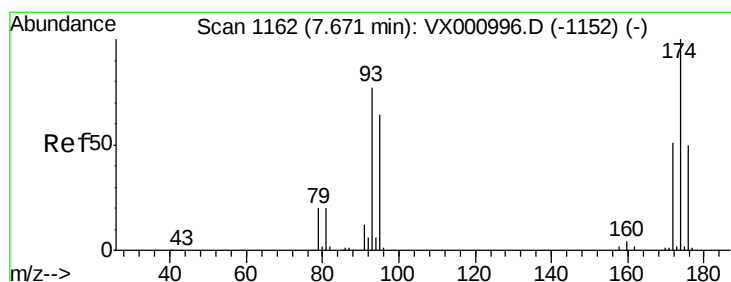
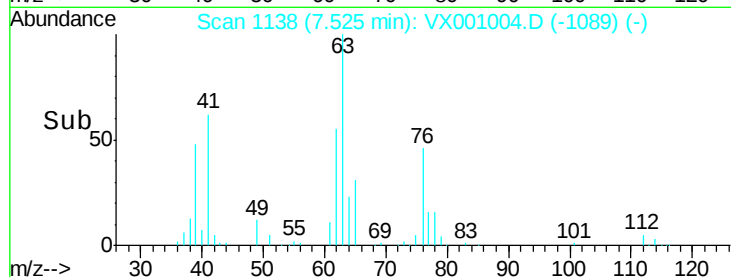
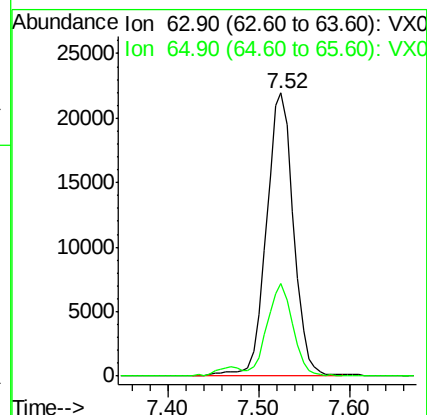
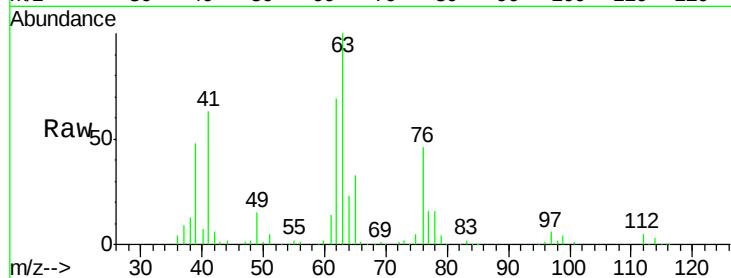
ClientSampleId :

Tot Ion: 63 Resp: 45408

Ion Ratio Lower Upper

63 100

65 32.4 24.4 36.6



#46

Dibromomethane

Concen: 18.93 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

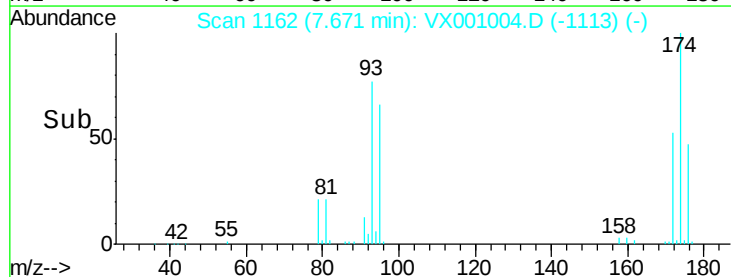
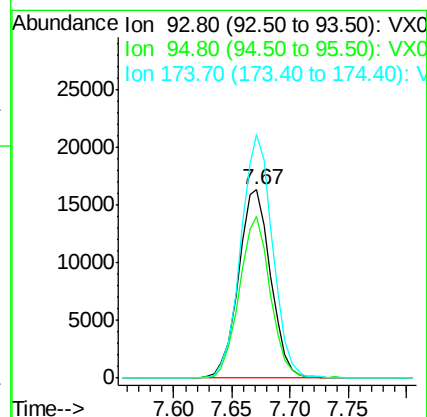
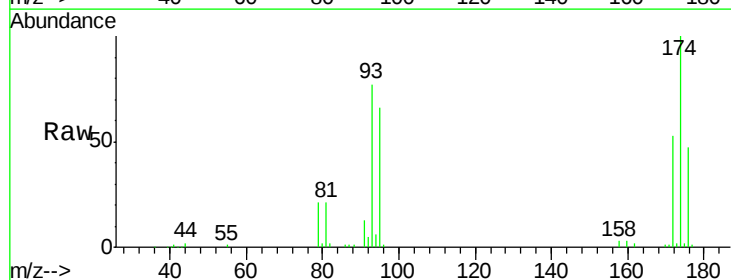
Tgt Ion: 93 Resp: 31441

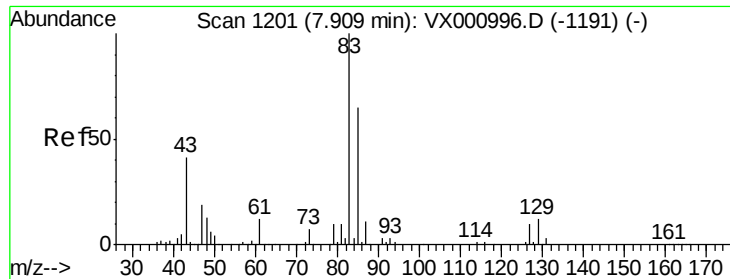
Ion Ratio Lower Upper

93 100

95 83.0 66.7 100.1

174 127.5 101.8 152.6





#47

Bromodichloromethane

Concen: 18.53 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :

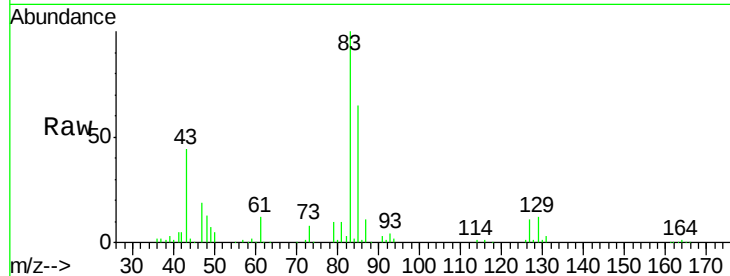
Tot Ion: 83 Resp: 57007

Ion Ratio Lower Upper

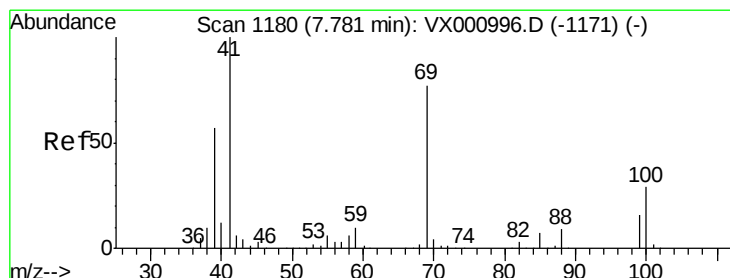
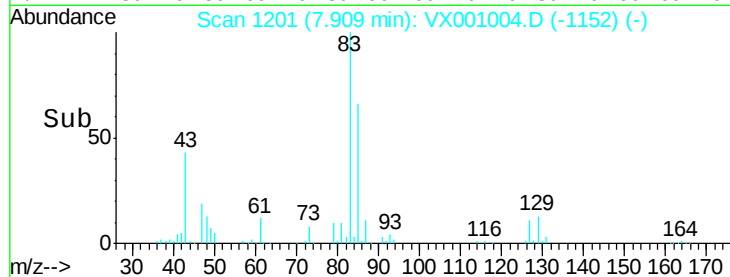
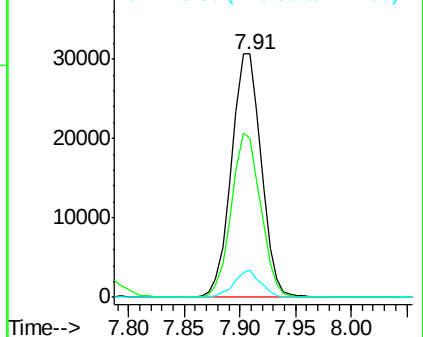
83 100

85 65.2 52.3 78.5

127 11.2 7.8 11.6



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



#48

Methyl methacrylate

Concen: 18.42 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

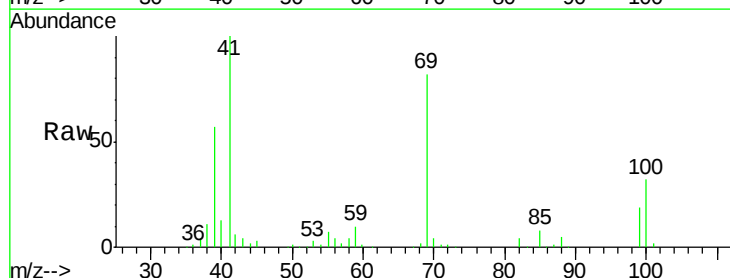
Tgt Ion: 41 Resp: 53059

Ion Ratio Lower Upper

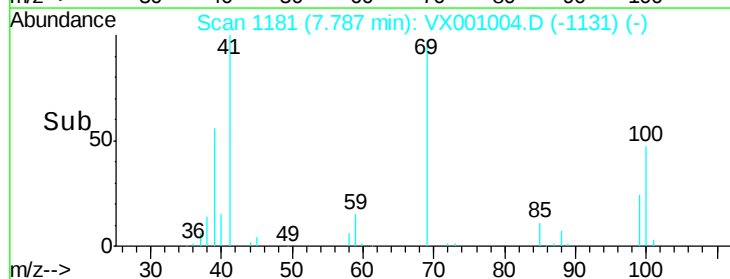
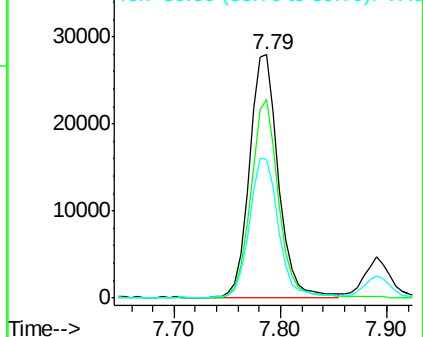
41 100

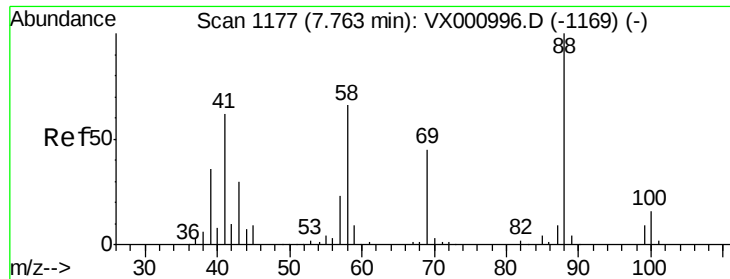
69 78.6 62.6 94.0

39 57.9 45.3 67.9



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

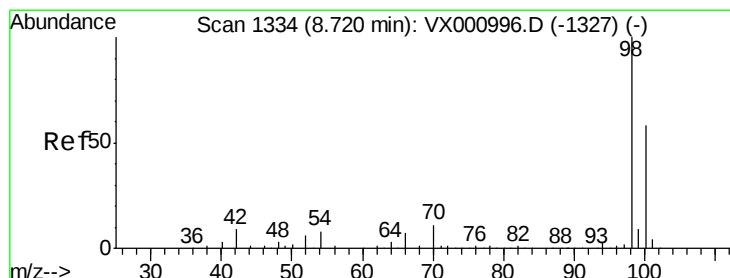
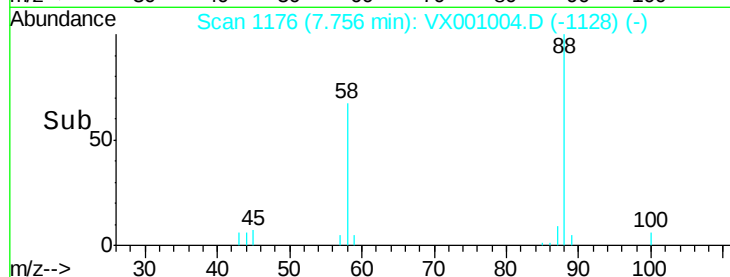
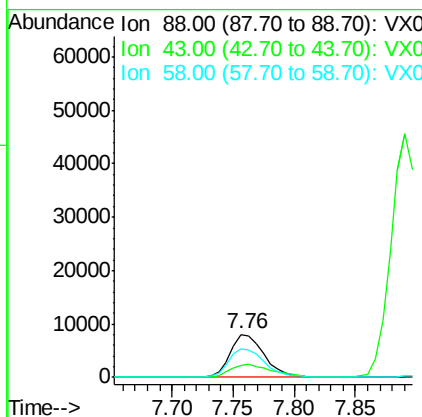
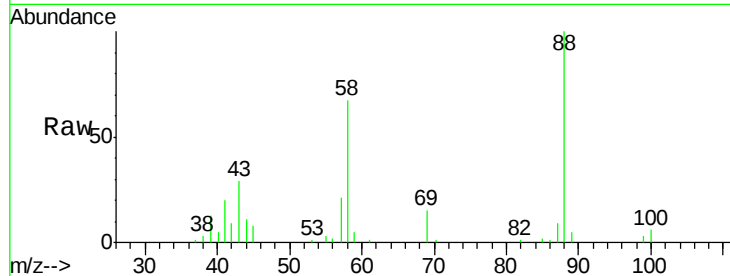




#49
1,4-Dioxane
Concen: 365.85 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

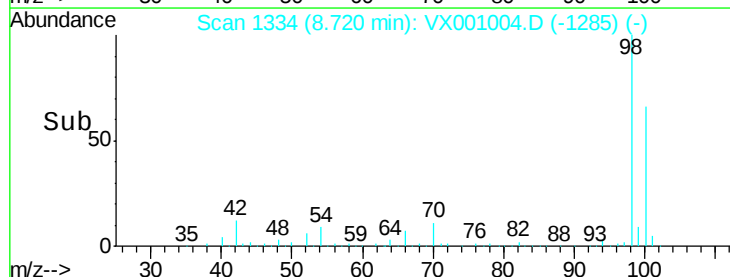
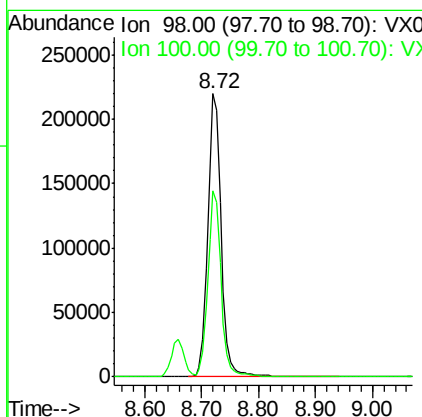
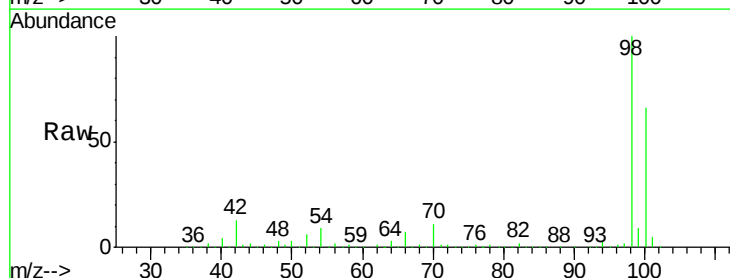
Instrument :
MSVOA_X
ClientSampled :

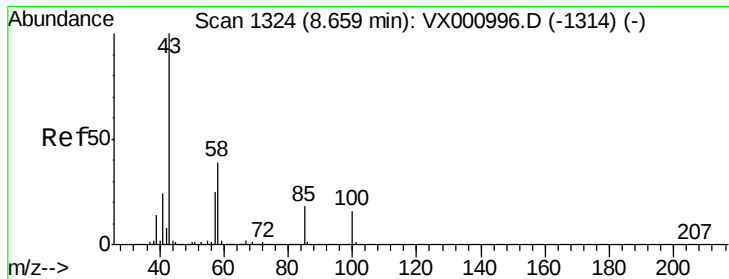
Tot Ion: 88 Resp: 15500
Ion Ratio Lower Upper
88 100
43 39.2 29.2 43.8
58 71.0 55.0 82.6



#50
Toluene-d8
Concen: 44.30 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 98 Resp: 361354
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

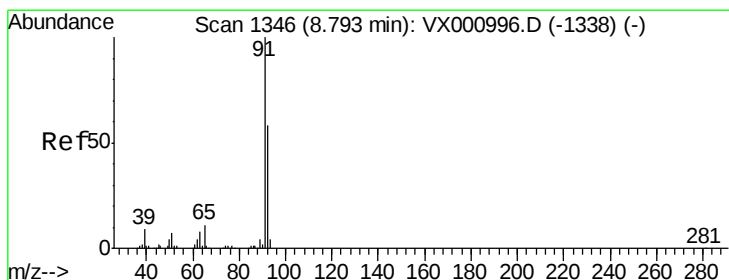
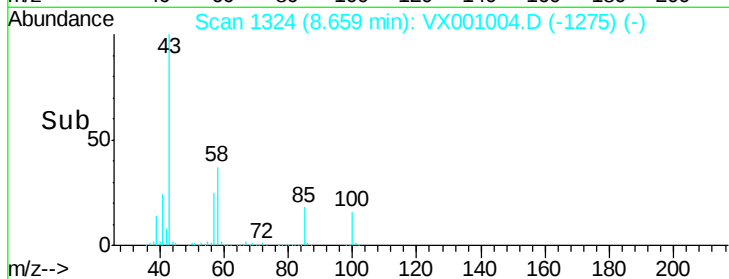
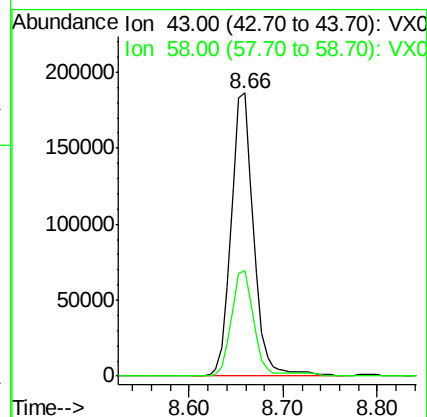
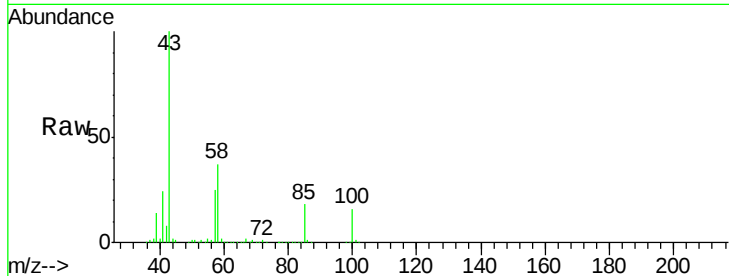




#51
 4-Methyl-2-Pentanone
 Concen: 95.02 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

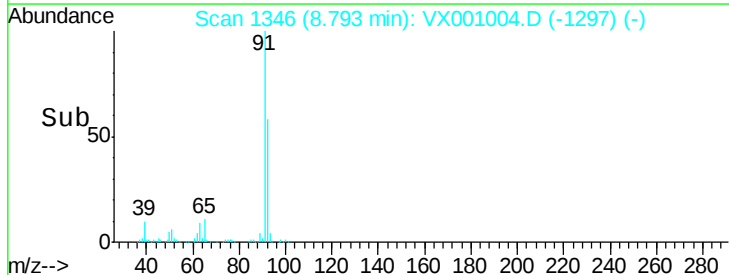
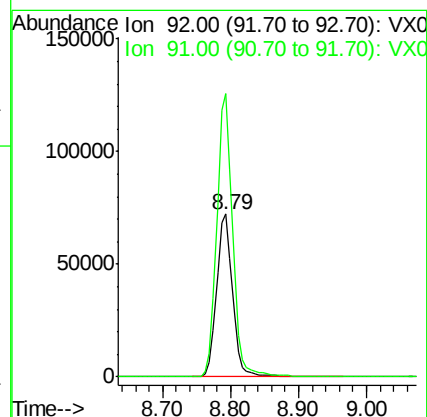
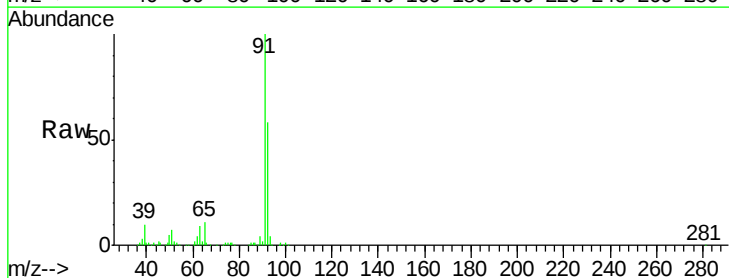
Instrument :
 MSVOA_X
 ClientSampled :

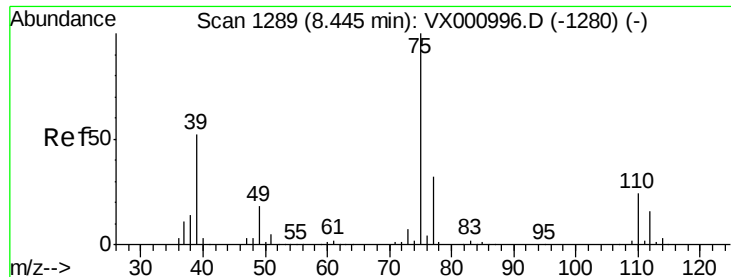
Tot Ion: 43 Resp: 308706
 Ion Ratio Lower Upper
 43 100
 58 36.8 30.2 45.4



#52
 Toluene
 Concen: 19.15 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion: 92 Resp: 118128
 Ion Ratio Lower Upper
 92 100
 91 172.6 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 19.04 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

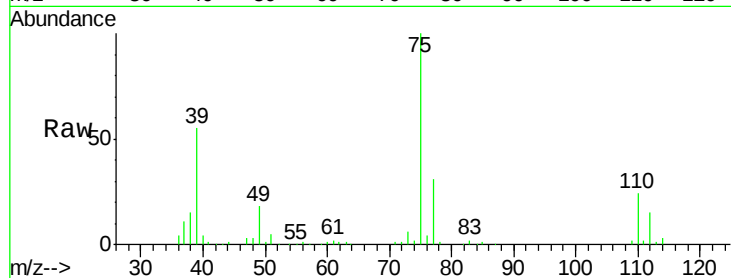
ClientSampleId :

Tot Ion: 75 Resp: 70048

Ion Ratio Lower Upper

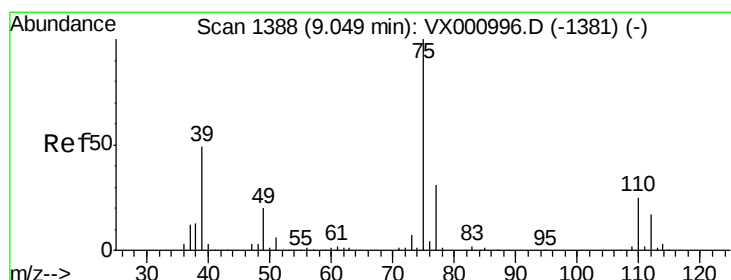
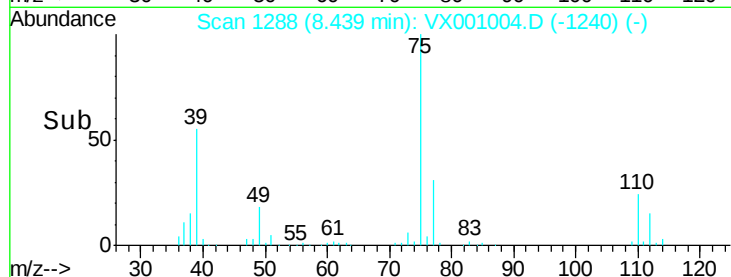
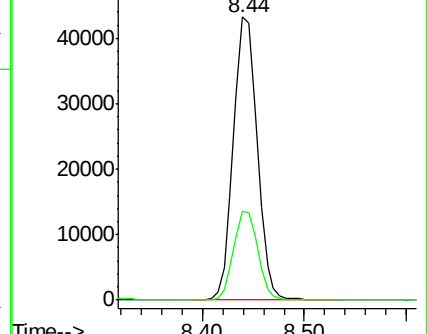
75 100

77 31.5 25.8 38.6



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: 18.60 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

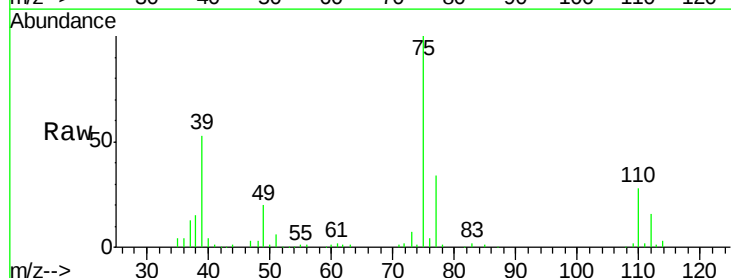
Tgt Ion: 75 Resp: 64536

Ion Ratio Lower Upper

75 100

77 34.2 25.0 37.6

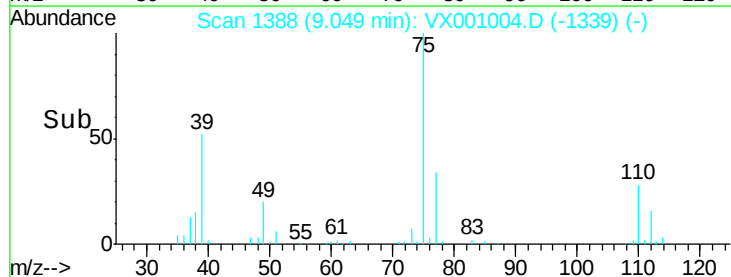
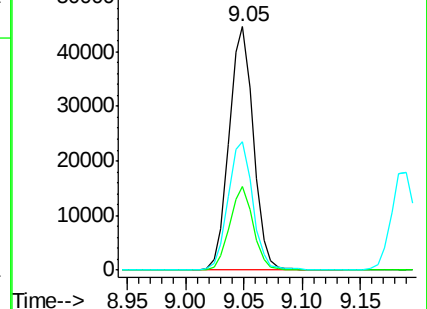
39 52.3 39.2 58.8

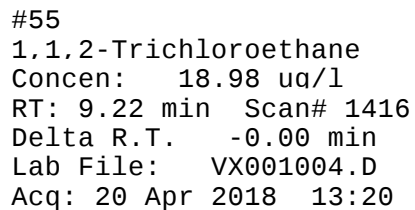


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

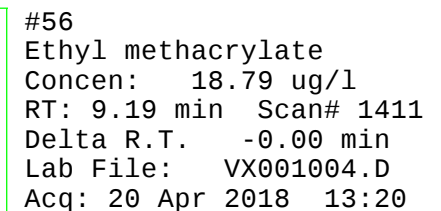
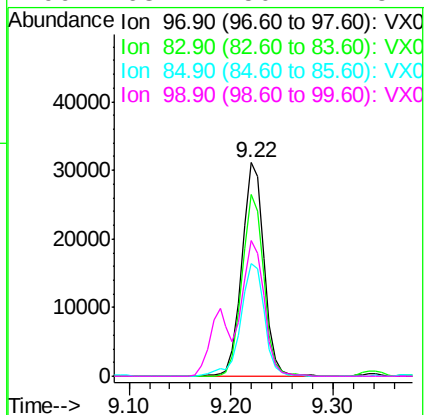
Ion 39.00 (38.70 to 39.70): VX0



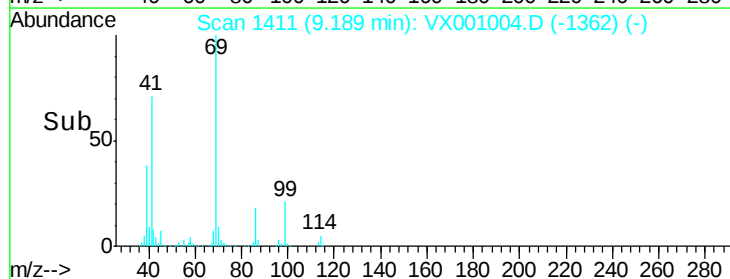
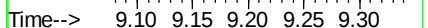
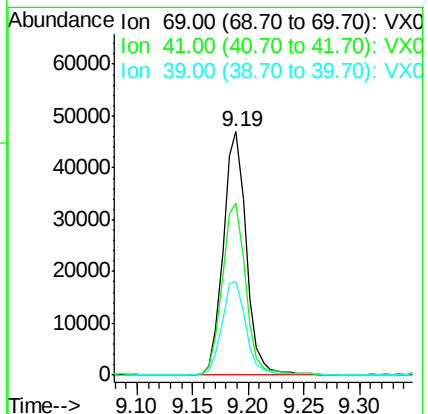


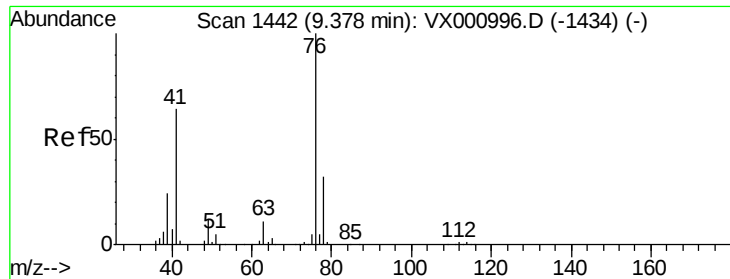
Instrument :
MSVOA_X
ClientSampleId :

Tat	Ion: 97	Resp:	46538
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.2	99.4
85	52.6	44.2	66.4
99	63.2	50.2	75.4



Tgt	Ion: 69	Resp:	67672
Ion	Ratio	Lower	Upper
69	100		
41	71.7	56.3	84.5
39	39.8	30.4	45.6

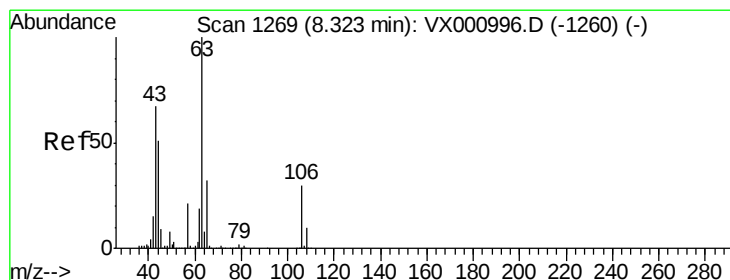
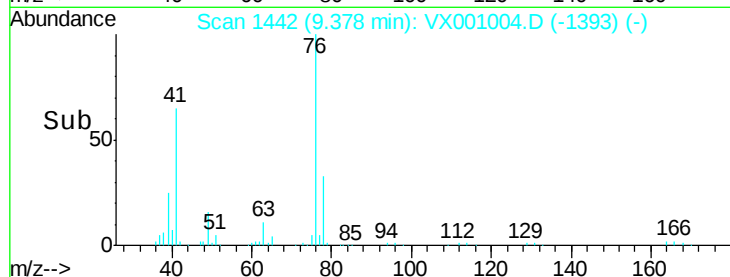
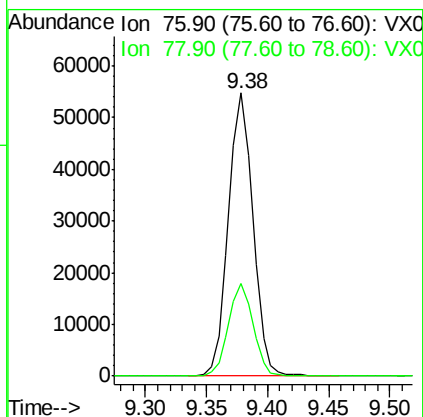
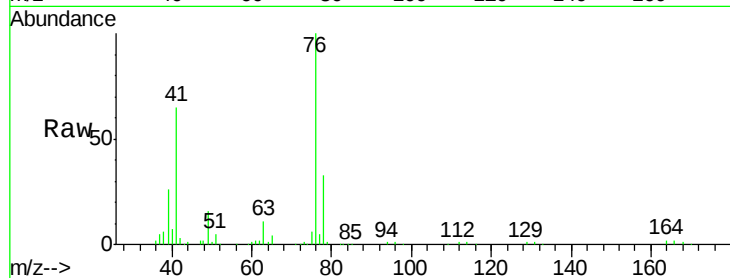




#57
 1,3-Dichloropropane
 Concen: 18.75 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

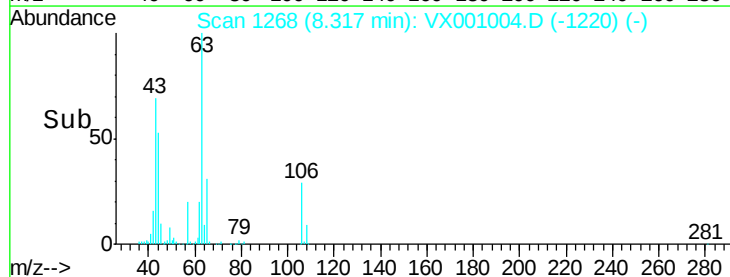
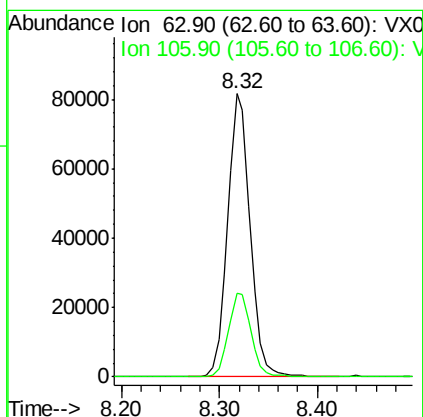
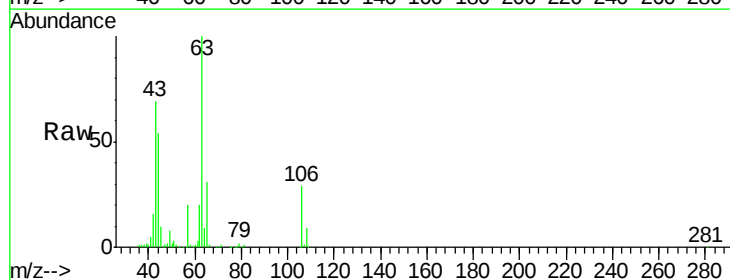
Instrument :
 MSVOA_X
 ClientSampled :

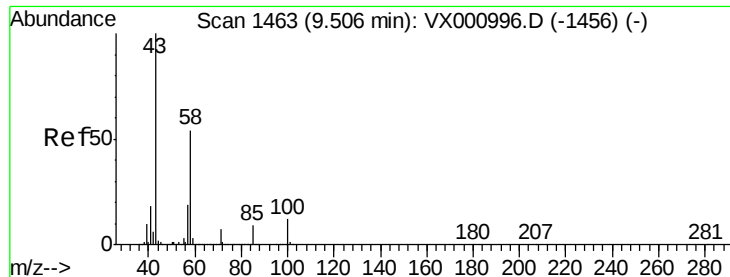
Tot Ion: 76 Resp: 76176
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 73.85 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion: 63 Resp: 129807
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.8 35.6

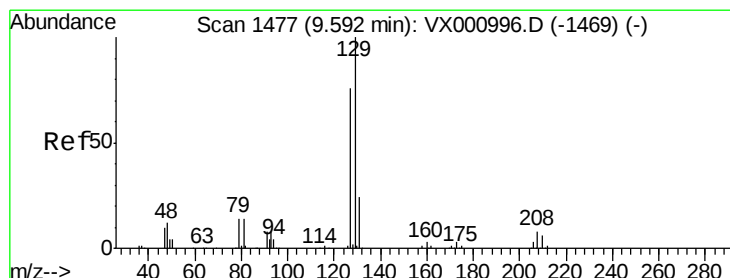
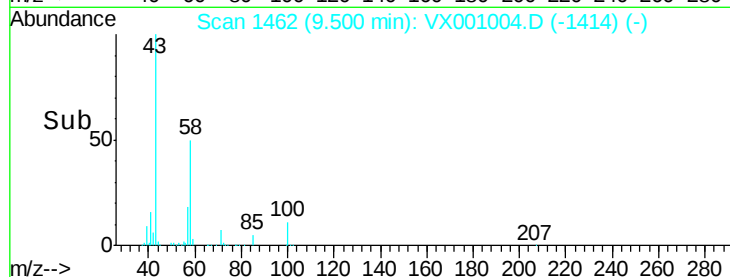
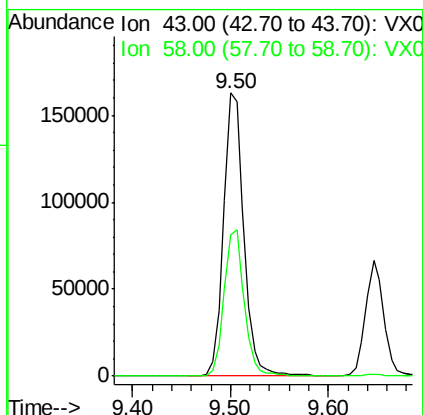
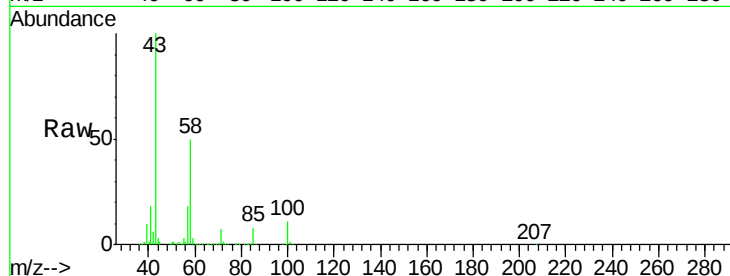




#59
2-Hexanone
Concen: 94.34 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

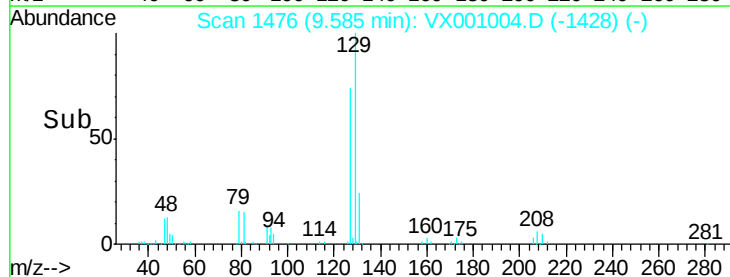
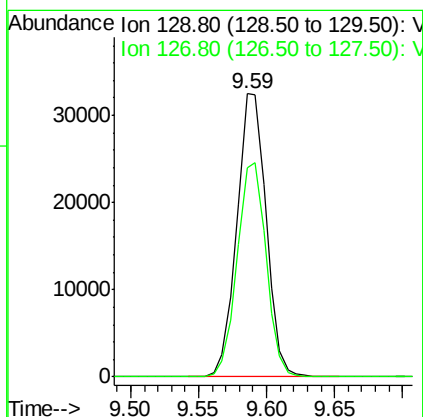
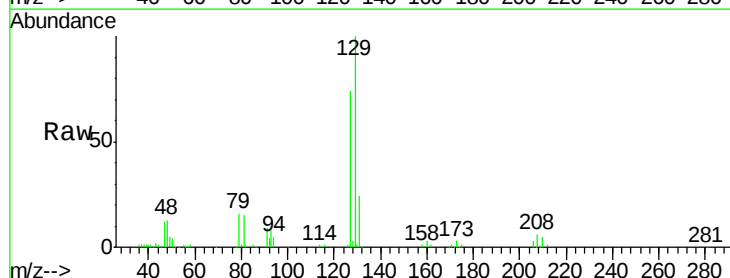
Instrument :
MSVOA_X
ClientSampleId :

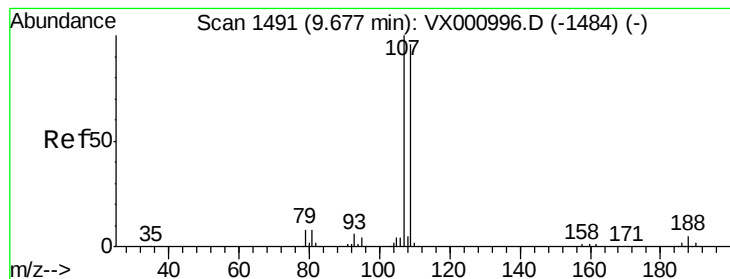
Tot Ion: 43 Resp: 234588
Ion Ratio Lower Upper
43 100
58 51.7 26.3 78.9



#60
Dibromochloromethane
Concen: 18.94 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 129 Resp: 48790
Ion Ratio Lower Upper
129 100
127 74.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.13 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

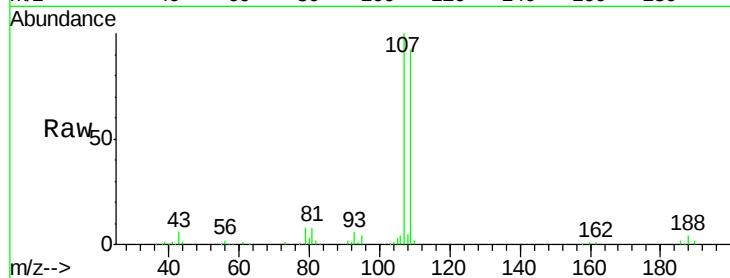
ClientSampleId :

Tot Ion:107 Resp: 49509

Ion Ratio Lower Upper

107 100

109 94.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

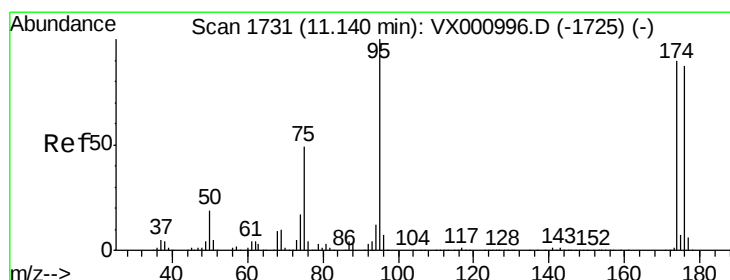
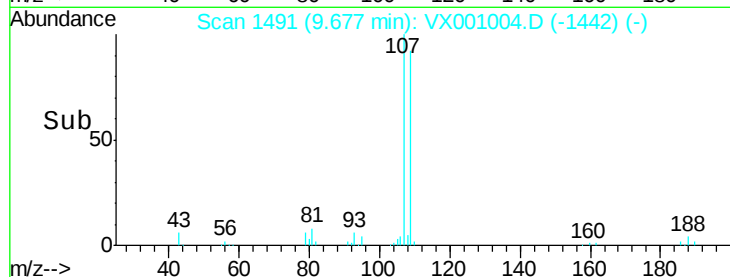
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 43.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

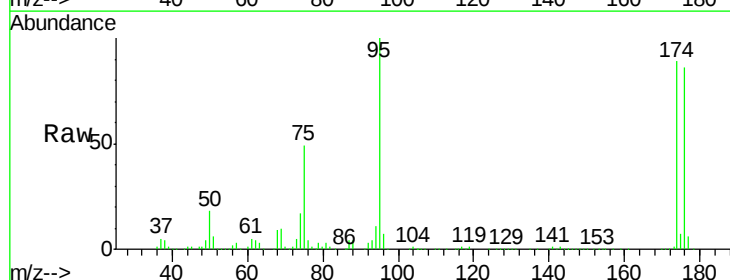
Tgt Ion: 95 Resp: 149936

Ion Ratio Lower Upper

95 100

174 97.9 0.0 198.4

176 95.8 0.0 192.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

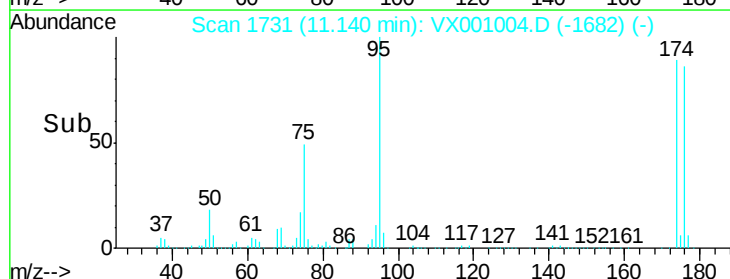
100000

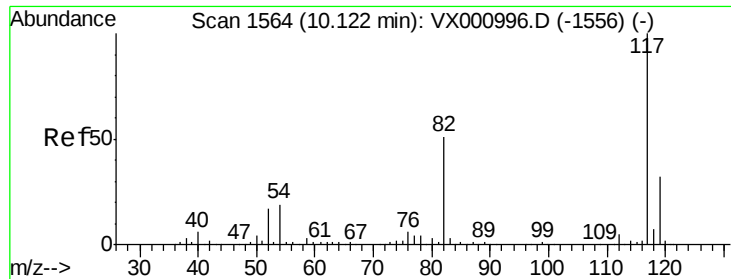
50000

0

Time-->

11.10 11.20

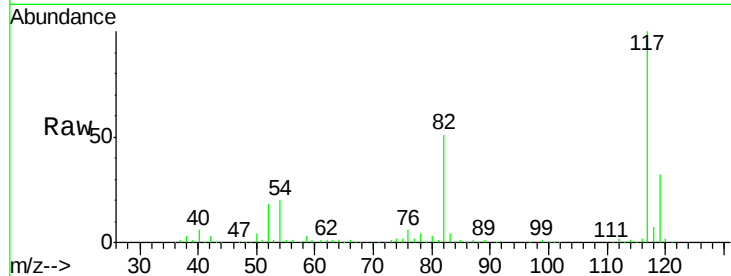




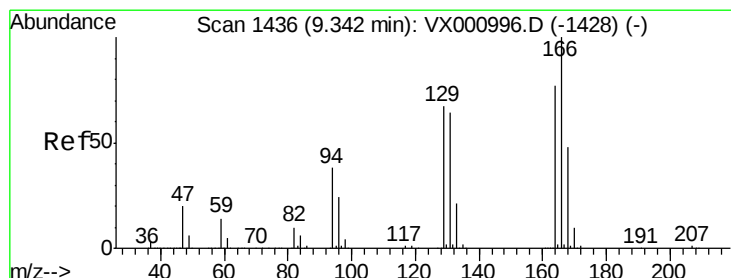
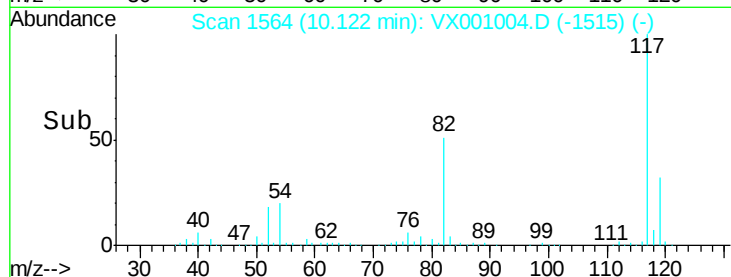
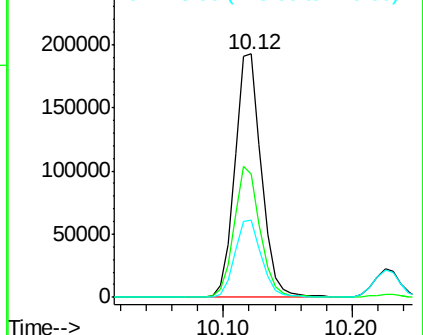
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 275678
Ion Ratio Lower Upper
117 100
82 50.6 40.6 60.8
119 31.9 26.0 39.0



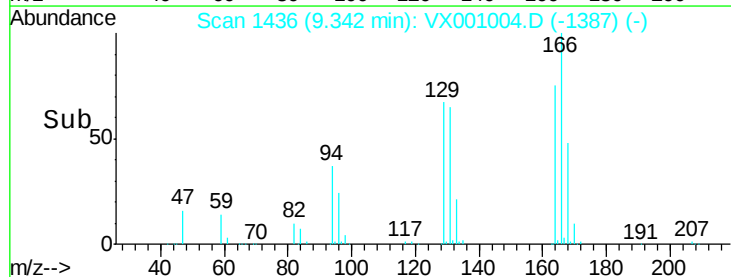
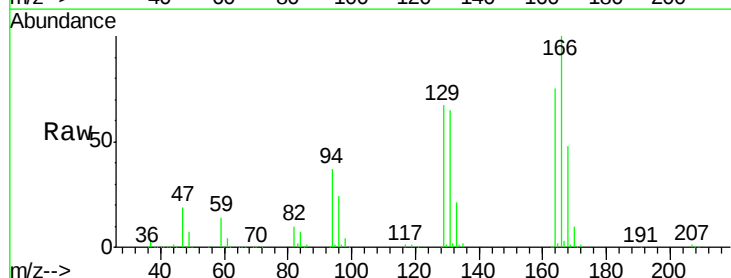
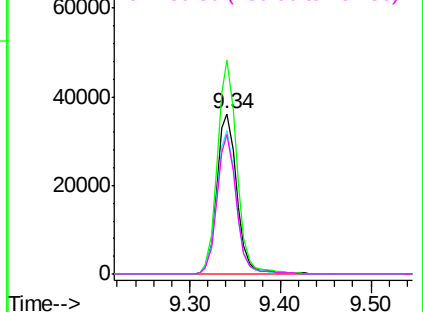
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

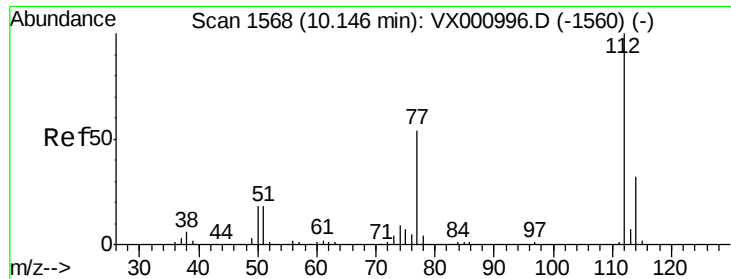


#64
Tetrachloroethene
Concen: 19.14 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion:164 Resp: 56032
Ion Ratio Lower Upper
164 100
166 133.3 103.5 155.3
129 89.2 69.6 104.4
131 87.1 65.8 98.8

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.88 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

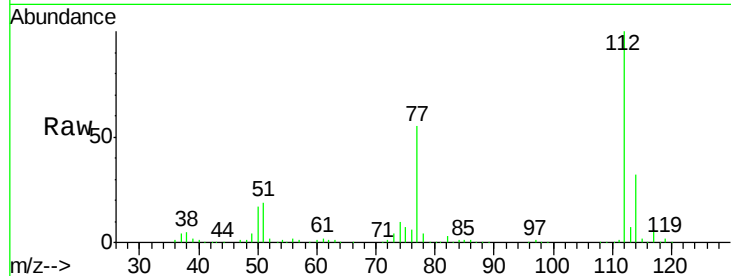
ClientSampled :

Tot Ion:112 Resp: 138623

Ion Ratio Lower Upper

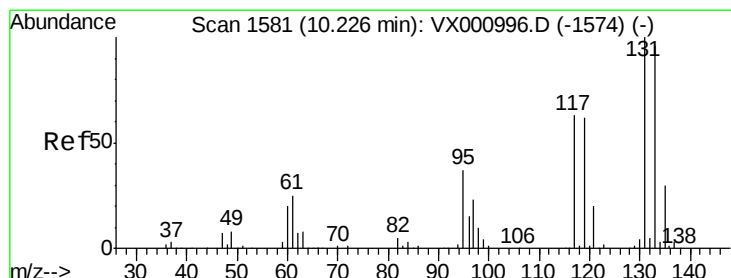
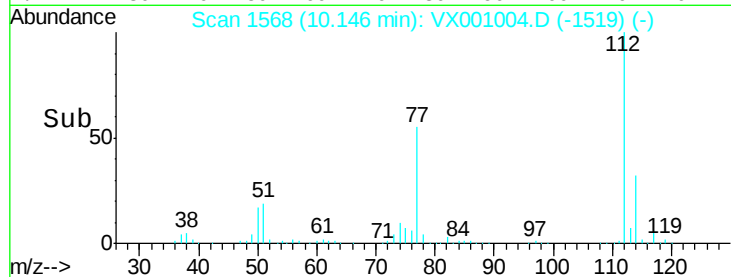
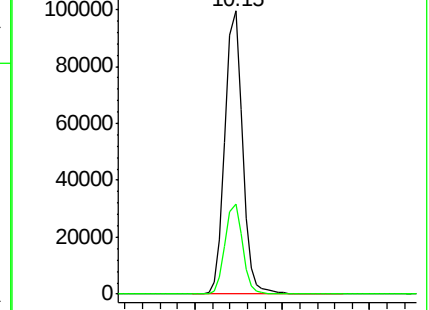
112 100

114 31.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.98 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

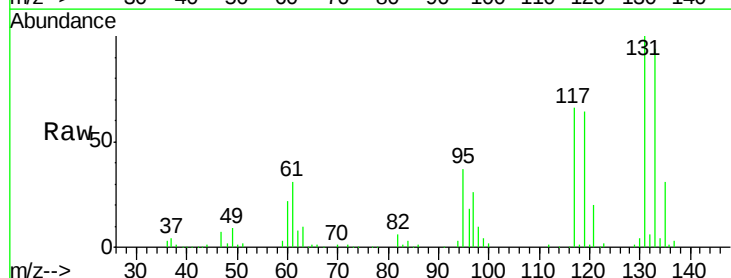
Tgt Ion:131 Resp: 47817

Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.8

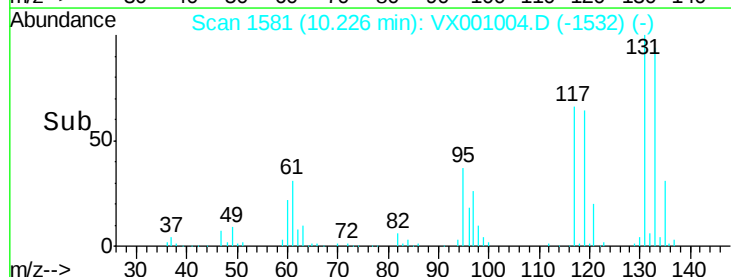
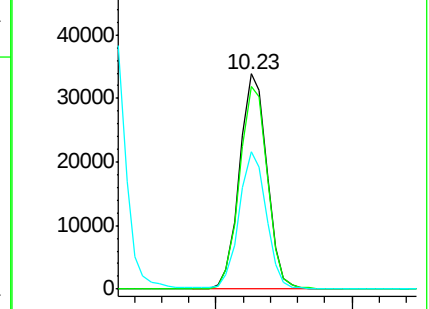
119 63.3 31.1 93.2

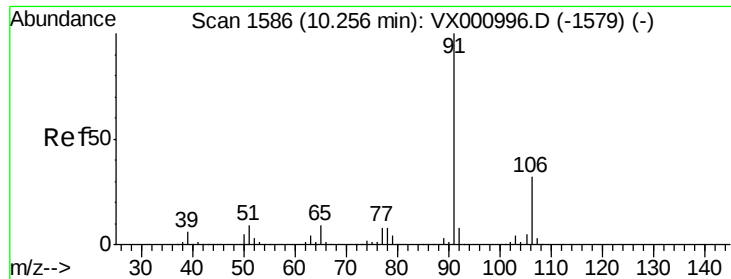


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

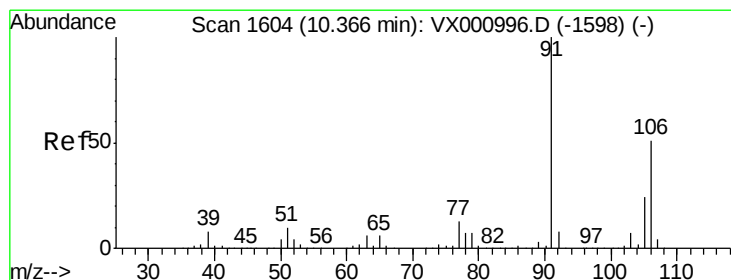
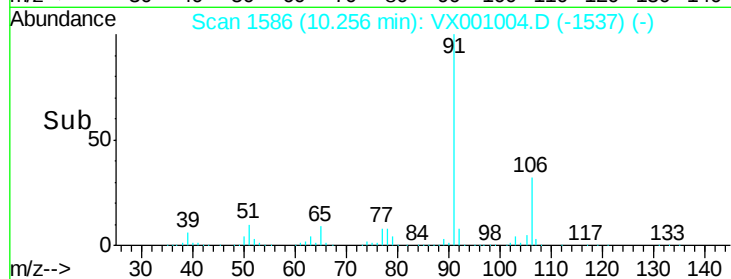
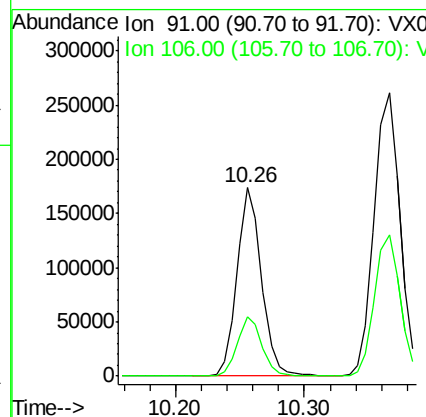
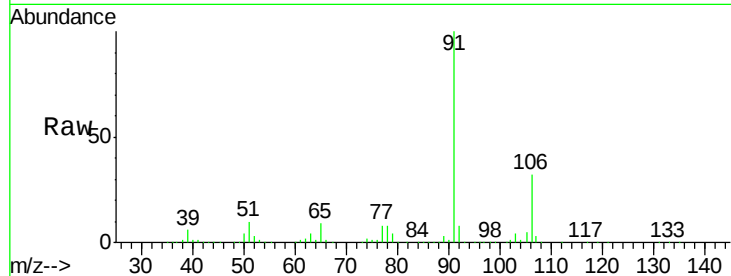




#67
Ethyl Benzene
Concen: 18.96 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

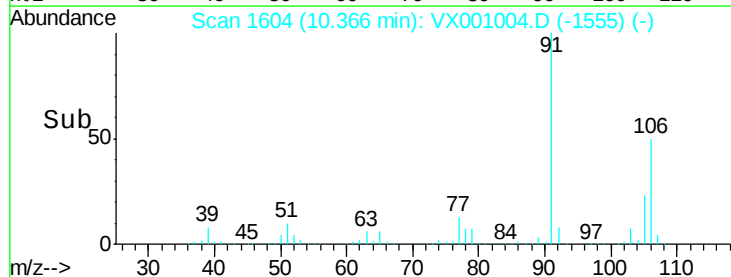
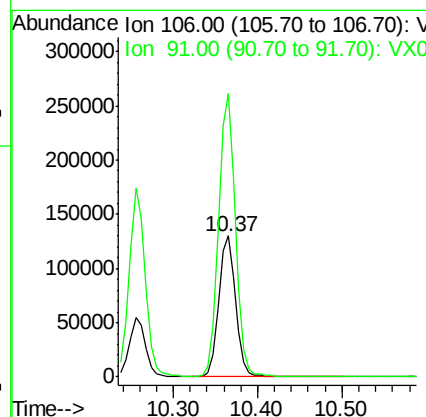
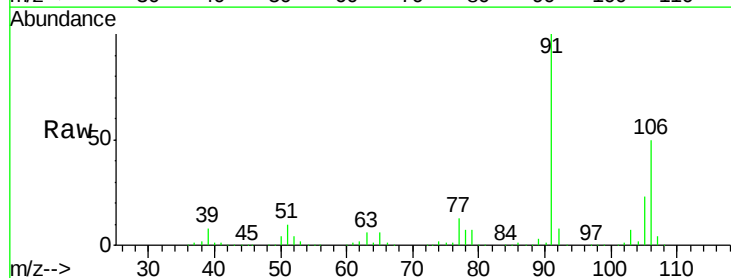
Instrument :
MSVOA_X
ClientSampled :

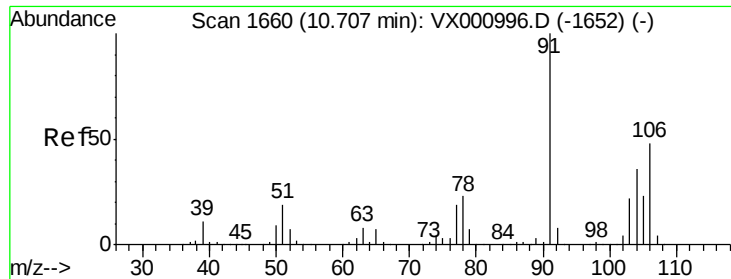
Tot Ion: 91 Resp: 231117
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5



#68
m/p-Xylenes
Concen: 37.74 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 106 Resp: 181313
Ion Ratio Lower Upper
106 100
91 200.2 159.3 238.9

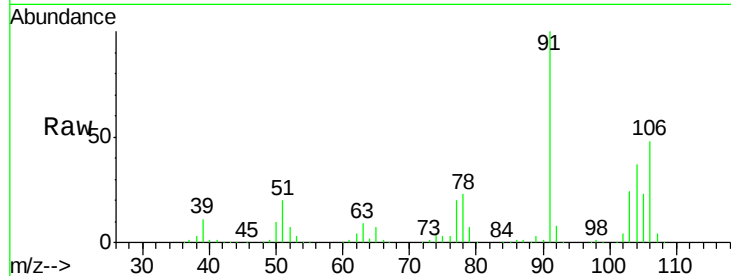




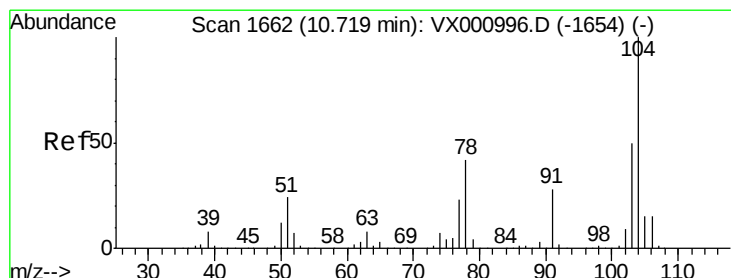
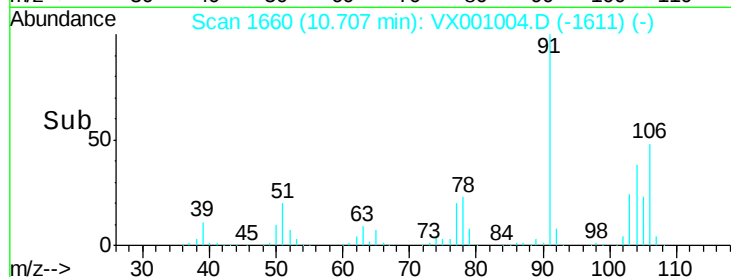
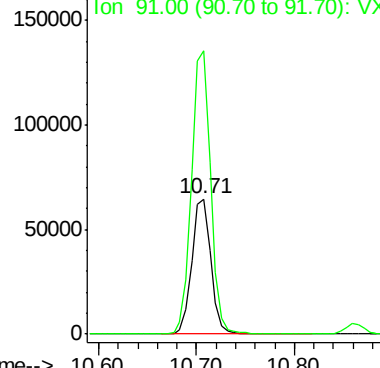
#69
o-Xylene
Concen: 18.91 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 87571
Ion Ratio Lower Upper
106 100
91 210.6 105.1 315.1

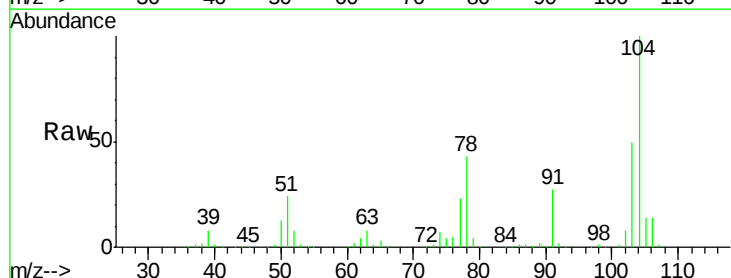


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

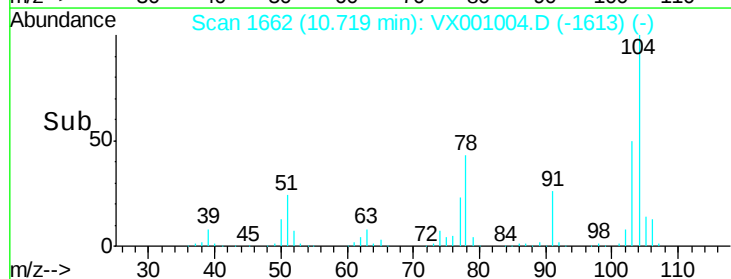
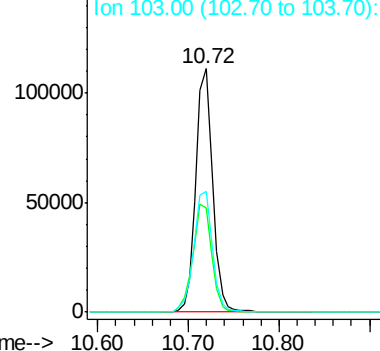


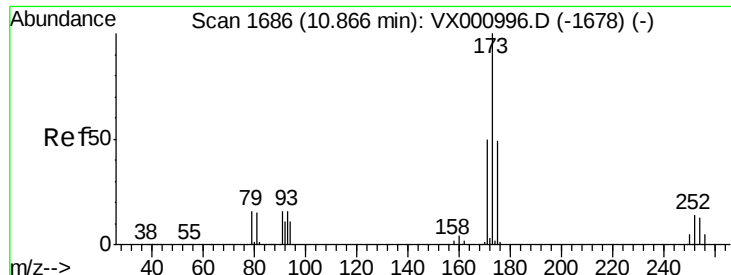
#70
Styrene
Concen: 18.96 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion:104 Resp: 144654
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 55.3 44.2 66.2



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





#71

Bromoform

Concen: 17.91 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

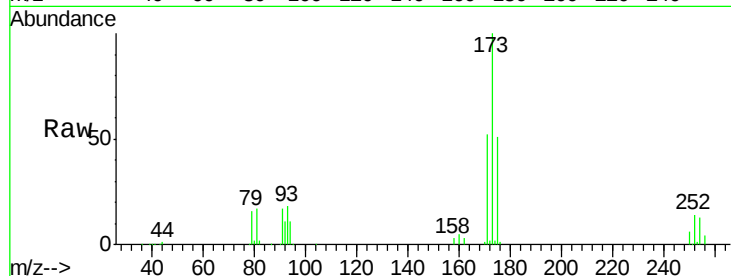
Tot Ion:173 Resp: 37675

Ion Ratio Lower Upper

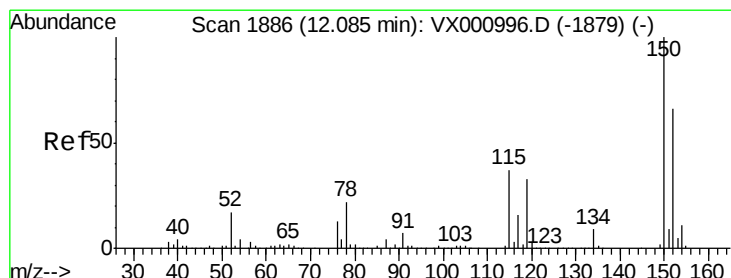
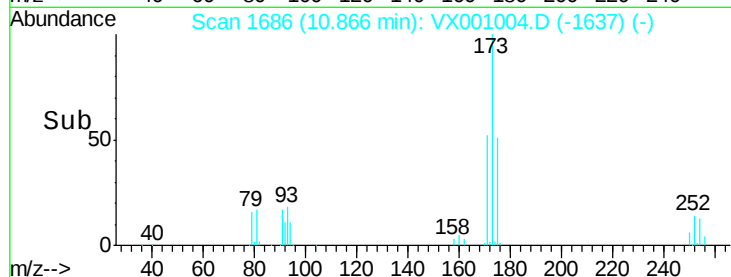
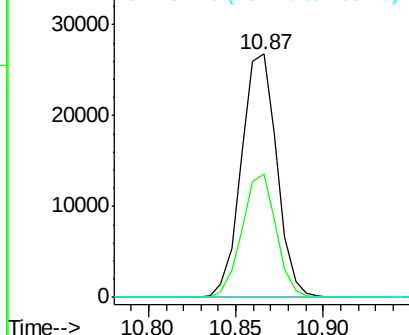
173 100

175 48.9 24.8 74.3

254 0.0 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# 1886

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

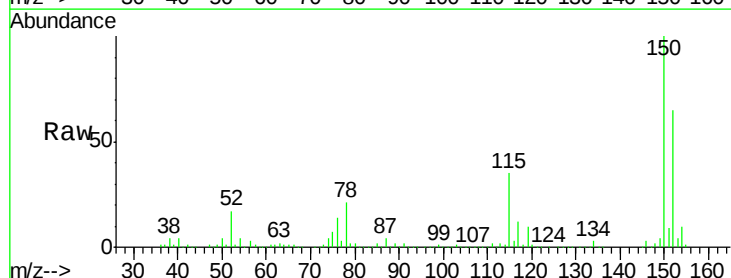
Tgt Ion:152 Resp: 190271

Ion Ratio Lower Upper

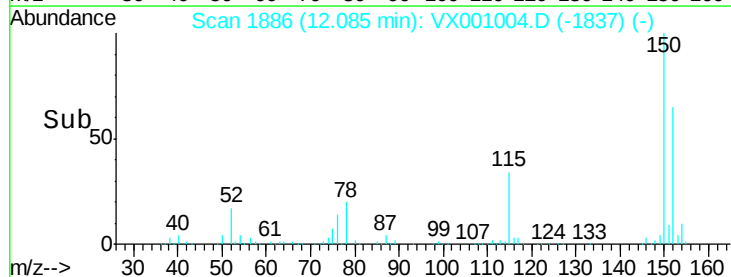
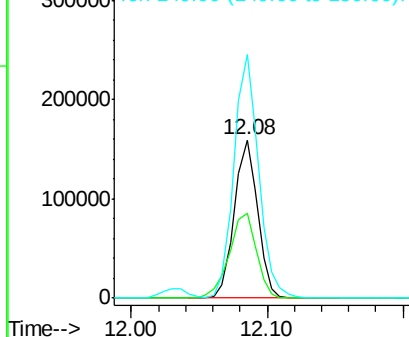
152 100

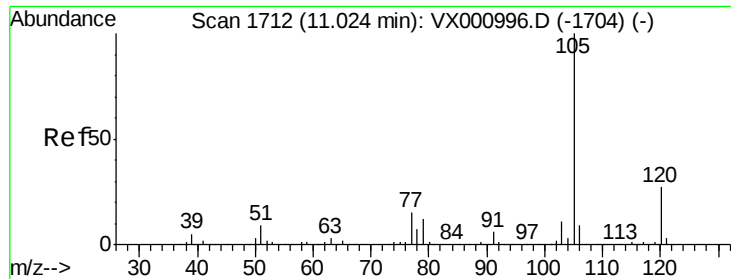
115 62.5 38.2 114.6

150 162.5 0.0 350.4



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





#73

Isopropylbenzene

Concen: 19.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

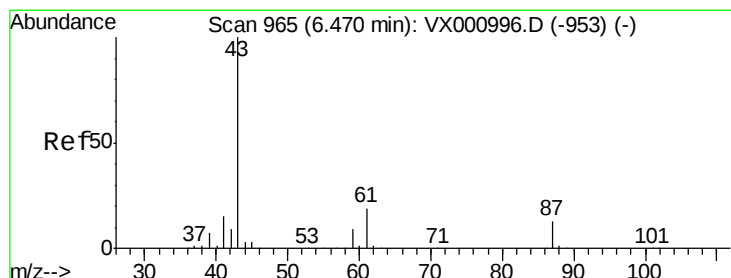
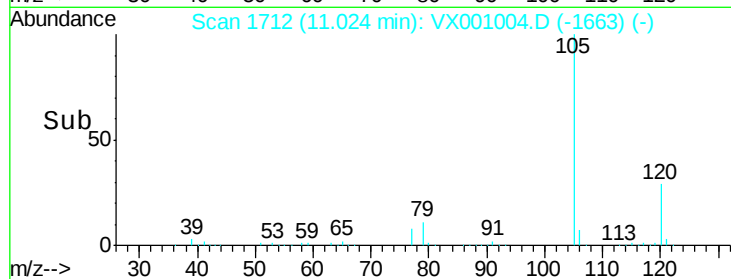
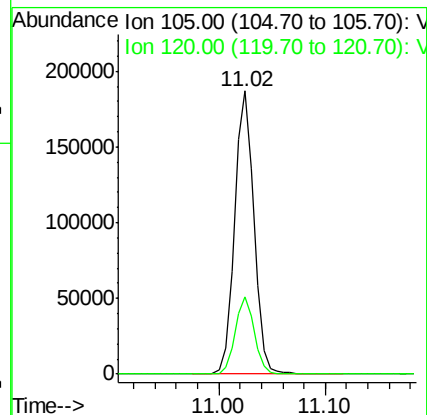
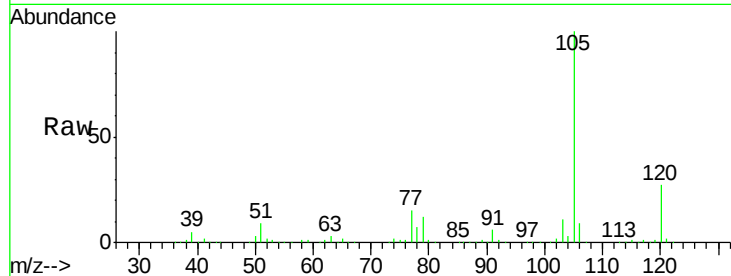
ClientSampleId :

Tot Ion:105 Resp: 237716

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 18.67 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Tgt Ion: 43 Resp: 99370

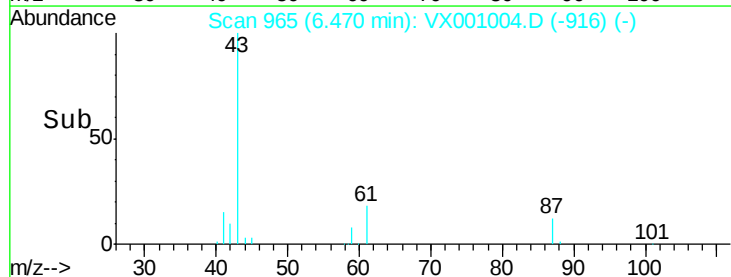
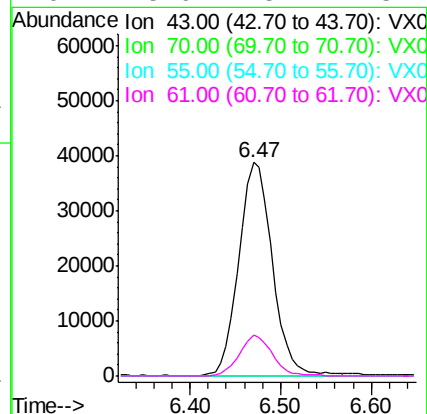
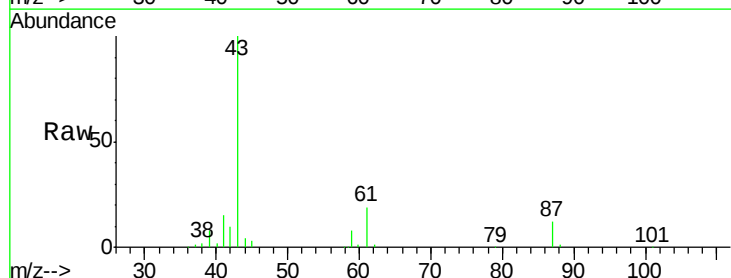
Ion Ratio Lower Upper

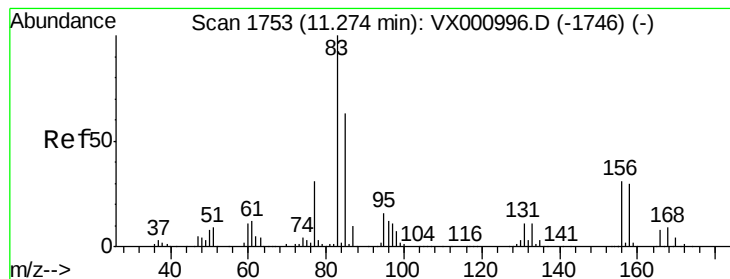
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.9 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.89 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

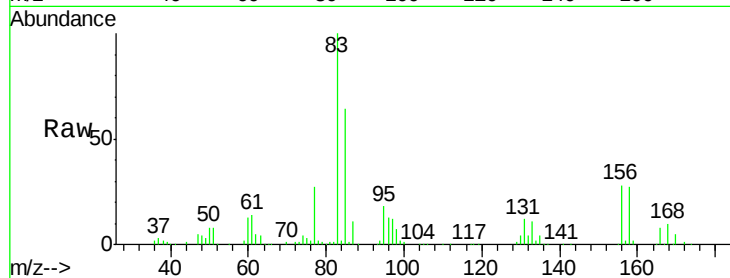
Tot Ion: 83 Resp: 66510

Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.8	17.4
85	65.3	32.0	96.2

83 100

131 12.0 5.8 17.4

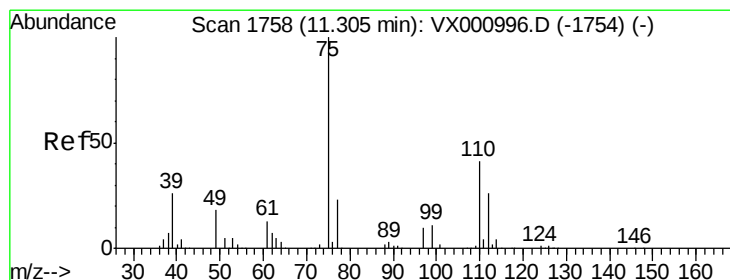
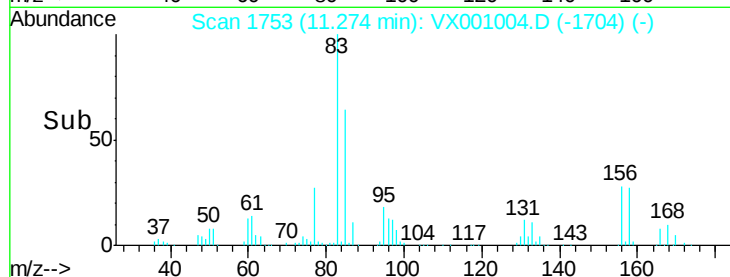
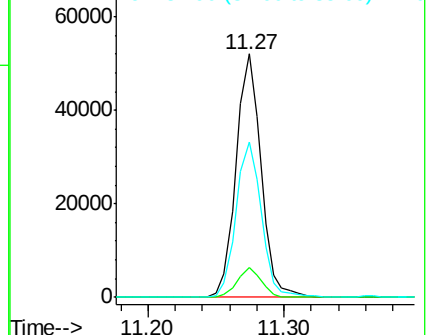
85 65.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX000996.D (-1746) (-)

Ion 130.80 (130.50 to 131.50): VX000996.D (-1746) (-)

Ion 84.90 (84.60 to 85.60): VX000996.D (-1746) (-)



#76

1,2,3-Trichloropropane

Concen: 22.37 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001004.D

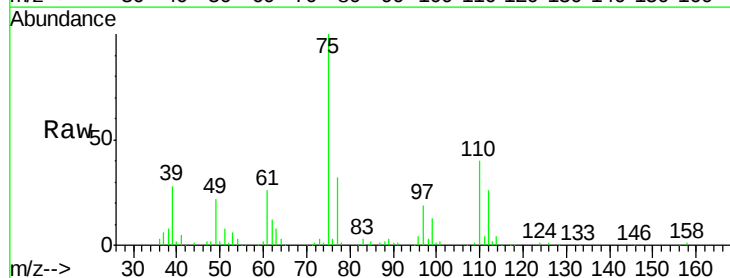
Acq: 20 Apr 2018 13:20

Tgt Ion: 75 Resp: 73832

Ion	Ratio	Lower	Upper
75	100		
77	32.0	19.6	58.7

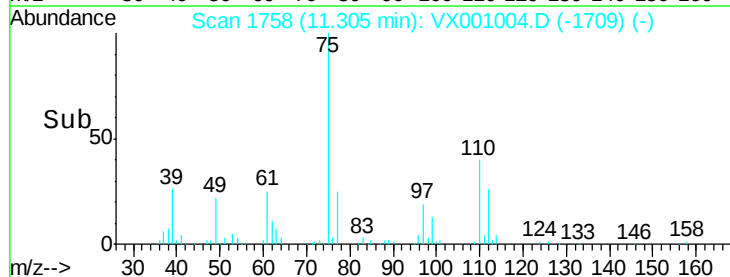
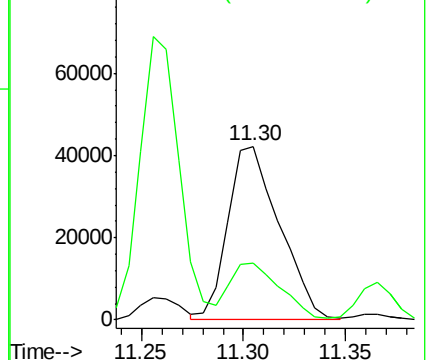
75 100

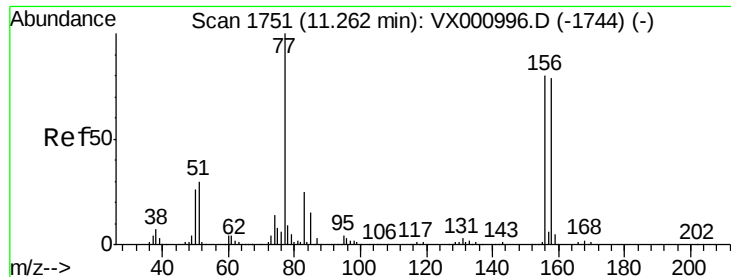
77 32.0 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX000996.D (-1754) (-)

Ion 77.00 (76.70 to 77.70): VX000996.D (-1754) (-)





#77

Bromobenzene

Concen: 18.67 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

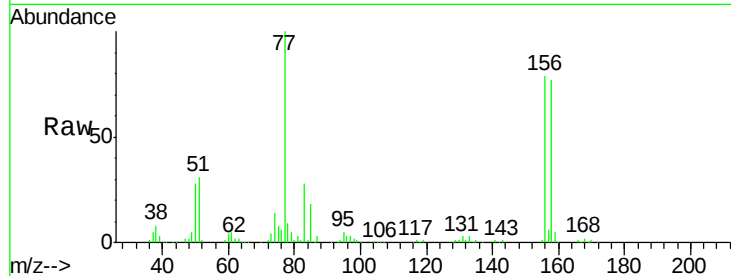
Tot Ion:156 Resp: 67414

Ion Ratio Lower Upper

156 100

77 137.4 66.3 199.0

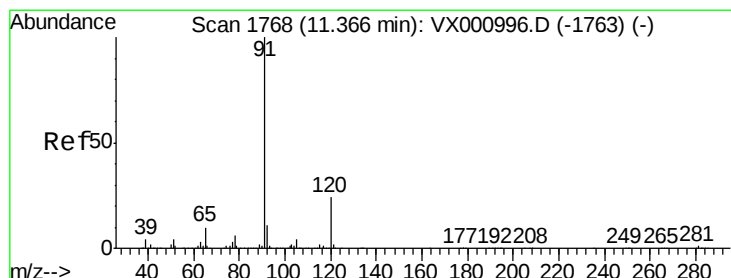
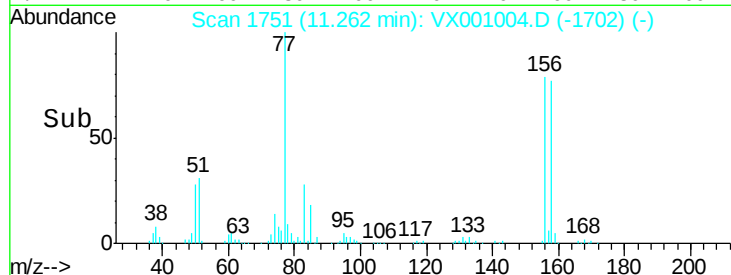
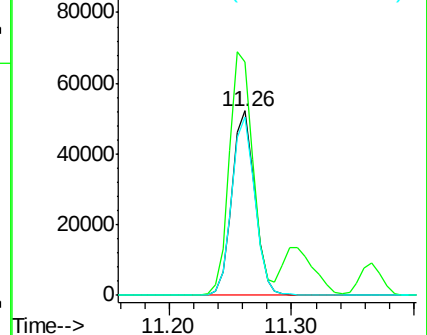
158 97.6 48.9 146.6



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: 19.08 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001004.D

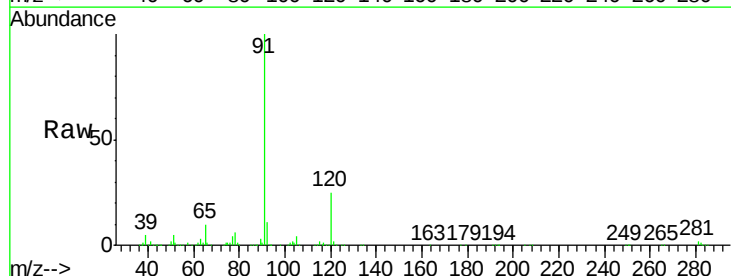
Acq: 20 Apr 2018 13:20

Tgt Ion: 91 Resp: 272426

Ion Ratio Lower Upper

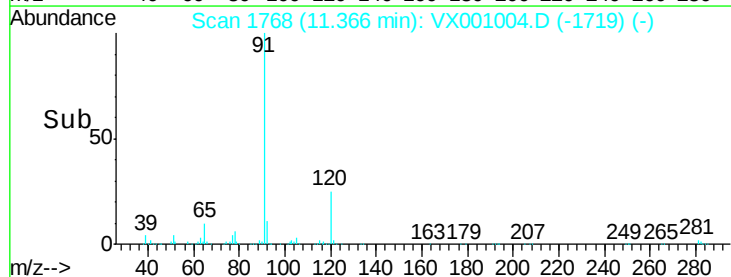
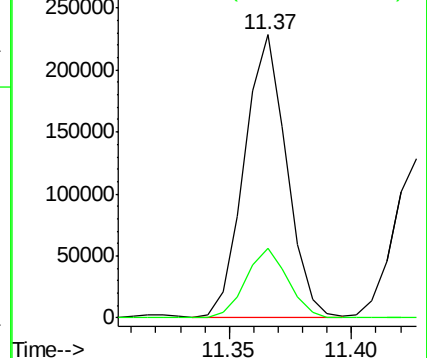
91 100

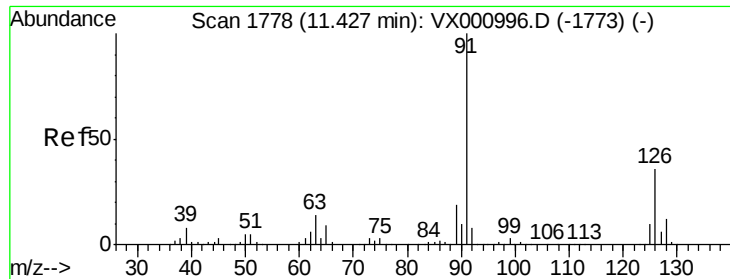
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

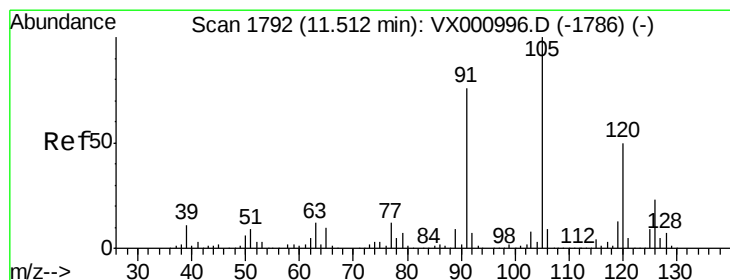
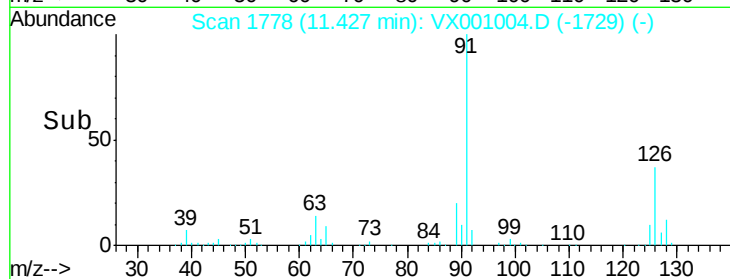
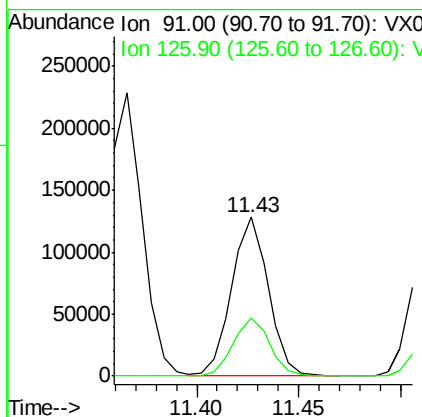
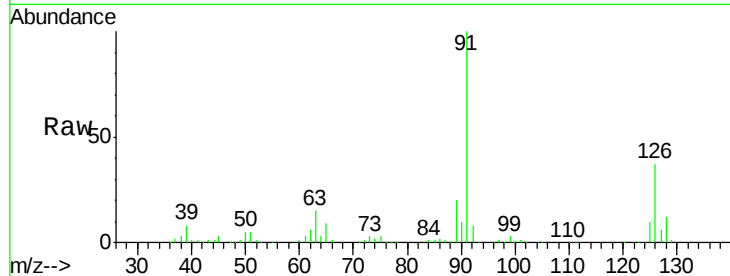




#79
 2-Chlorotoluene
 Concen: 18.82 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

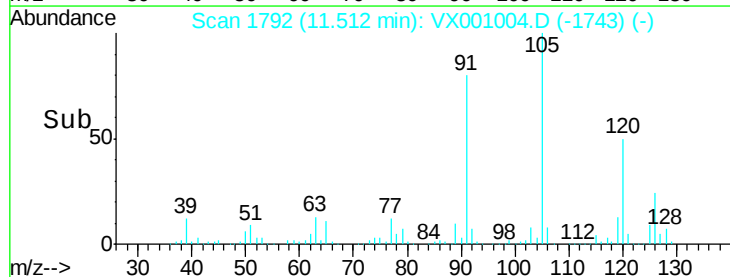
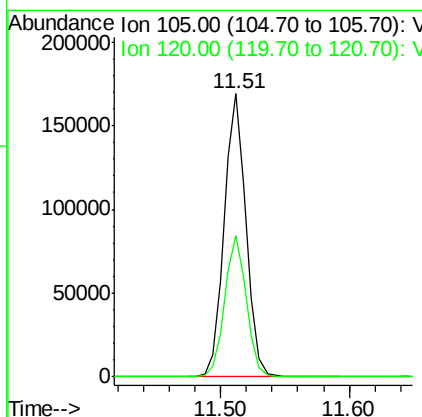
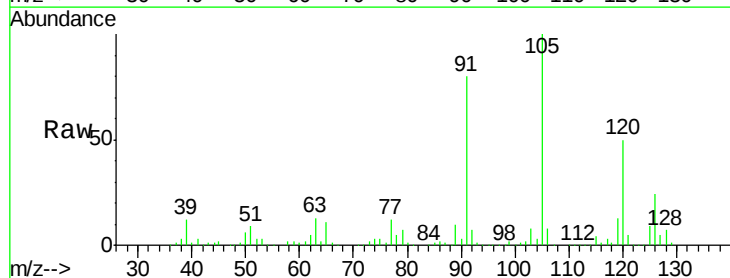
Instrument :
 MSVOA_X
 ClientSampled :

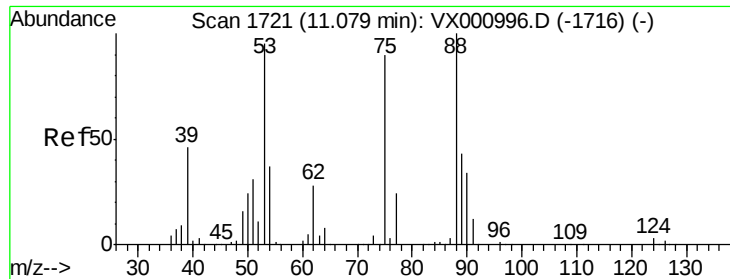
Tot Ion: 91 Resp: 158799
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 19.10 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion: 105 Resp: 201349
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.0 75.0

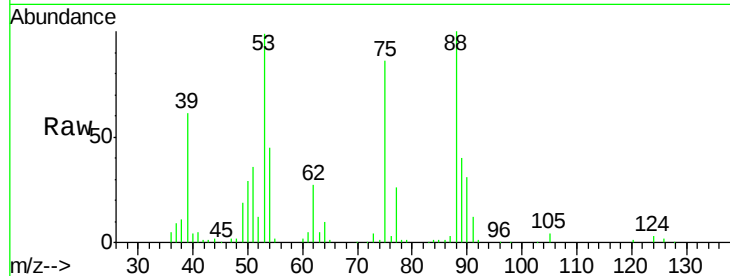




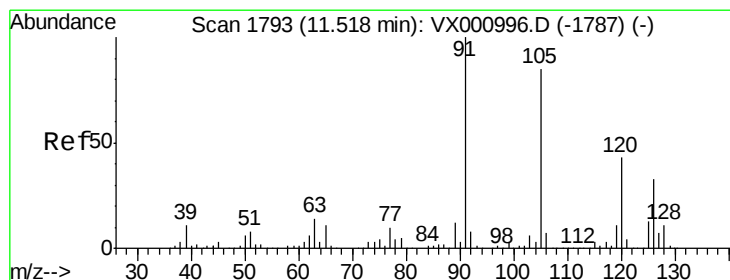
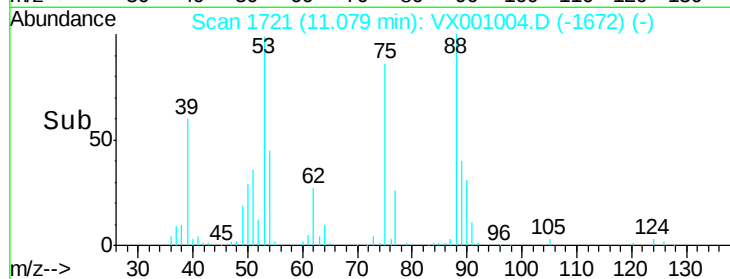
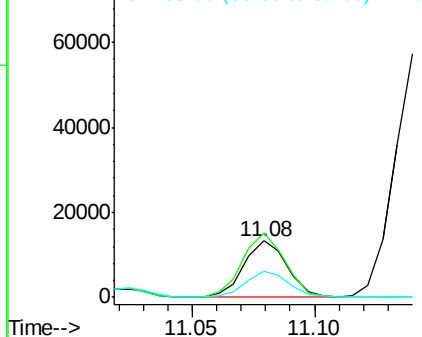
#81
trans-1,4-Dichloro-2-butene
Concen: 17.30 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 16166
Ion Ratio Lower Upper
75 100
53 114.9 83.4 125.2
89 48.0 39.7 59.5

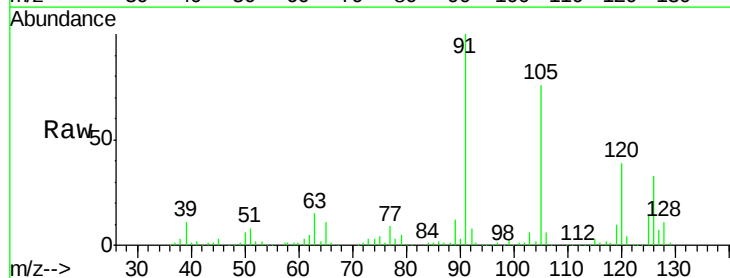


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

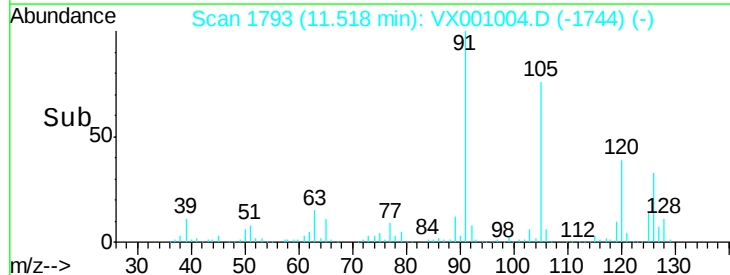
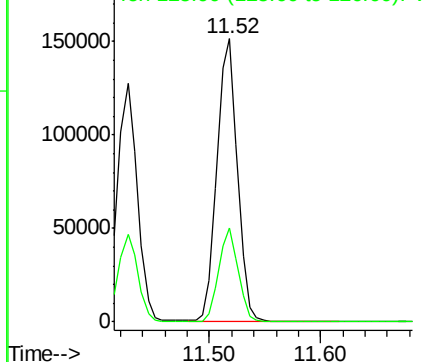


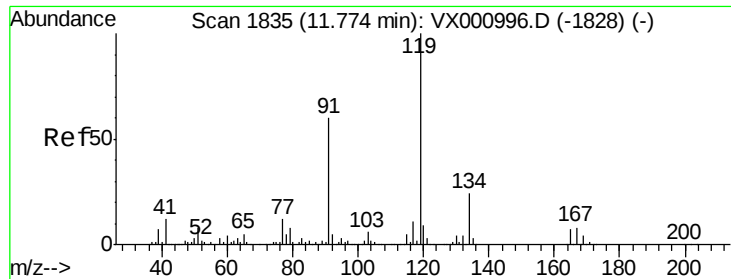
#82
4-Chlorotoluene
Concen: 18.96 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 91 Resp: 193337
Ion Ratio Lower Upper
91 100
126 31.5 16.2 48.5



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

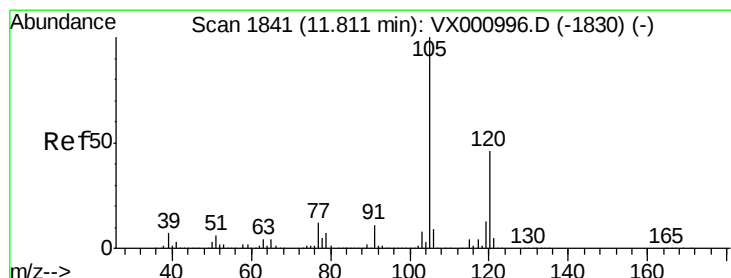
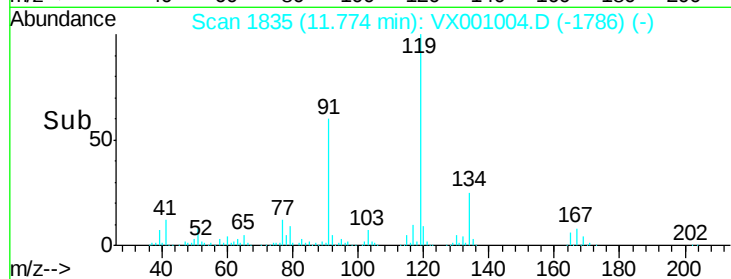
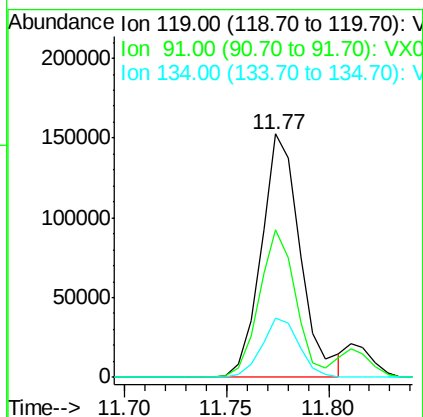
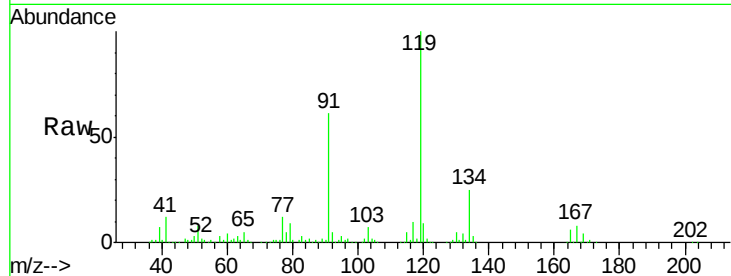




#83
tert-Butylbenzene
Concen: 19.11 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

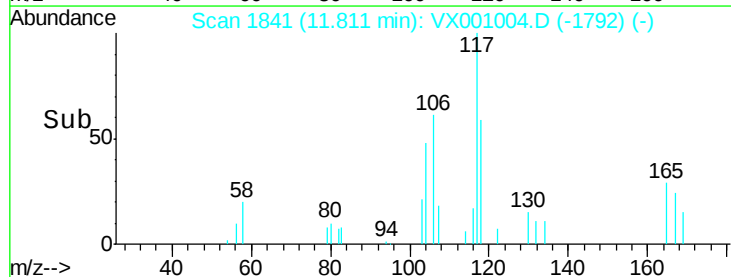
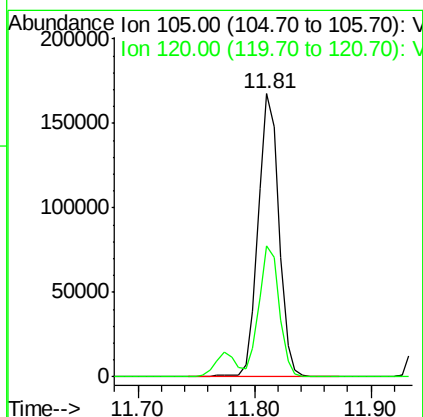
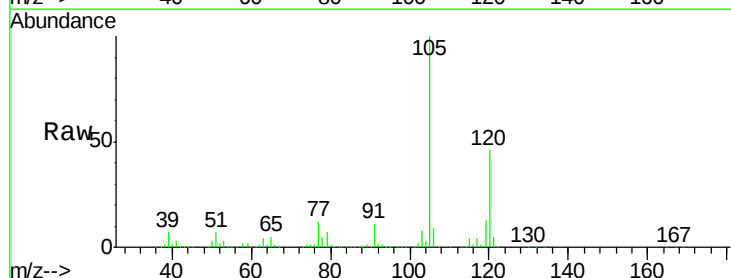
Instrument :
MSVOA_X
ClientSampled :

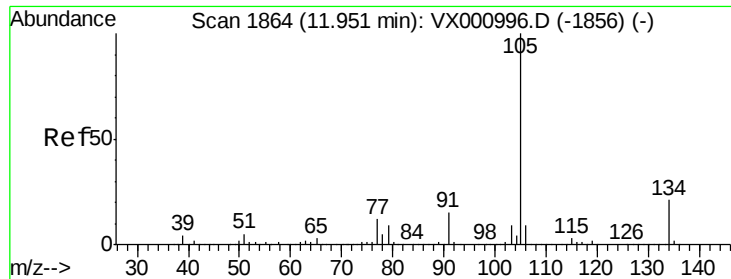
Tot Ion:119 Resp: 203302
Ion Ratio Lower Upper
119 100
91 56.5 27.0 81.0
134 23.6 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 19.27 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion:105 Resp: 209144
Ion Ratio Lower Upper
105 100
120 45.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.23 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

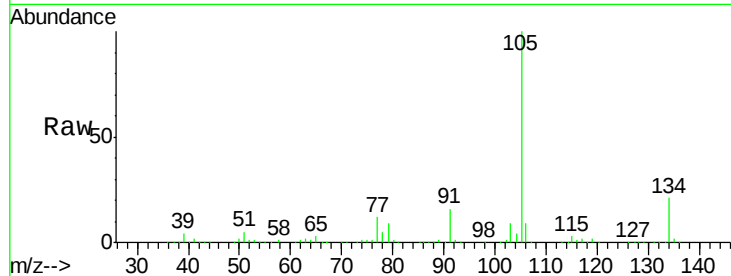
ClientSampleId :

Tot Ion:105 Resp: 244130

Ion Ratio Lower Upper

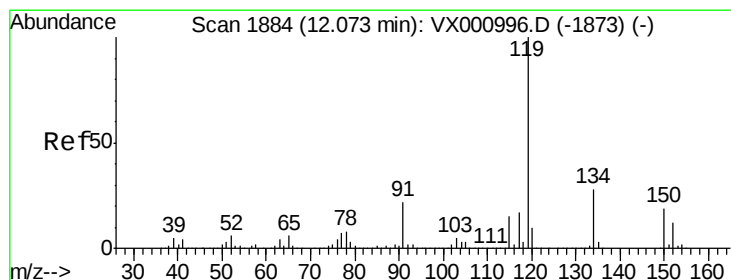
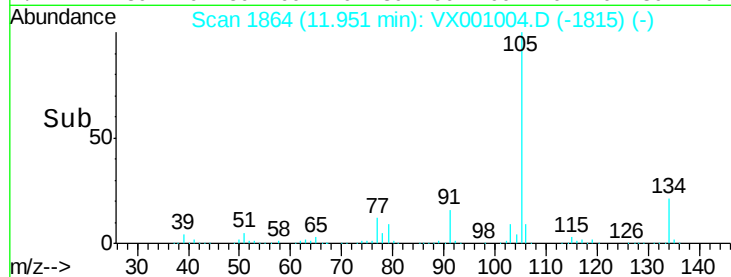
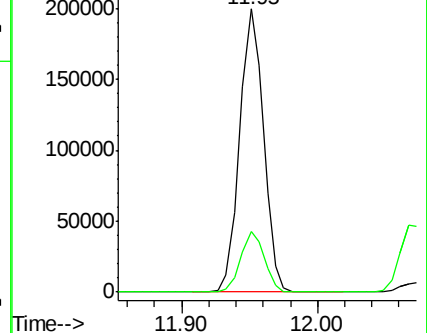
105 100

134 21.2 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.06 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

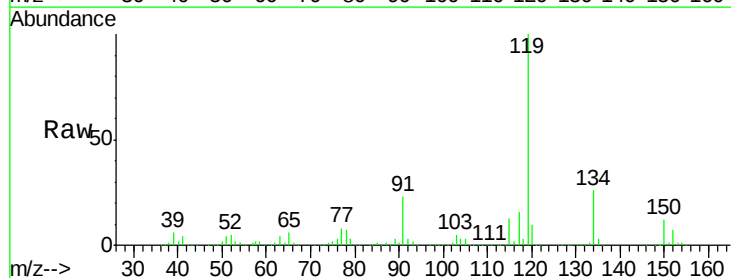
Tgt Ion:119 Resp: 223870

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

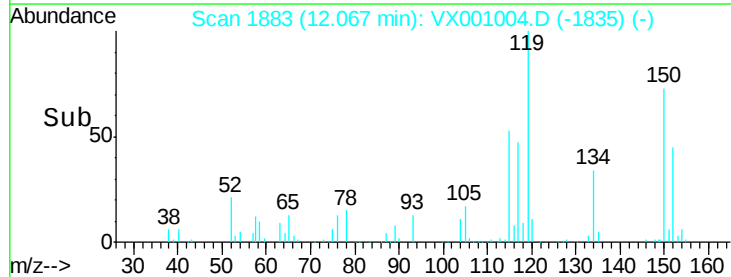
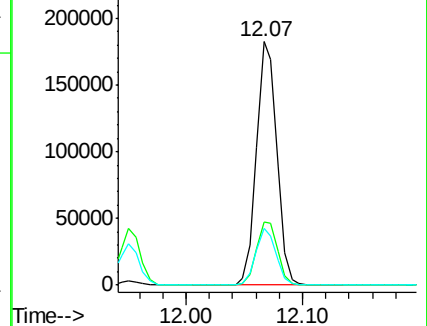
91 23.1 11.4 34.1

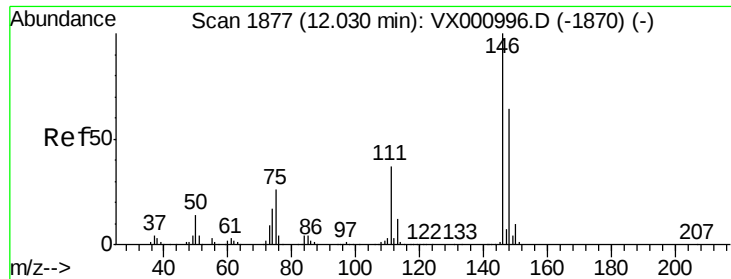


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.53 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampled :

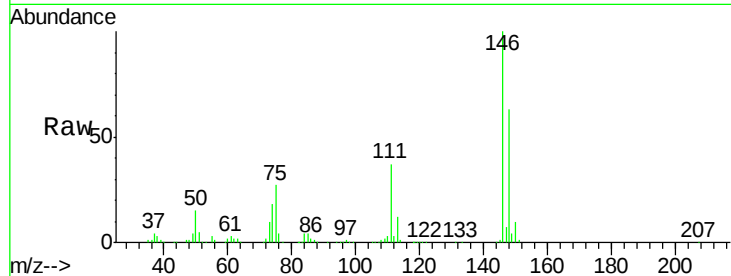
Tot Ion:146 Resp: 125280

Ion Ratio Lower Upper

146 100

111 37.2 18.3 54.8

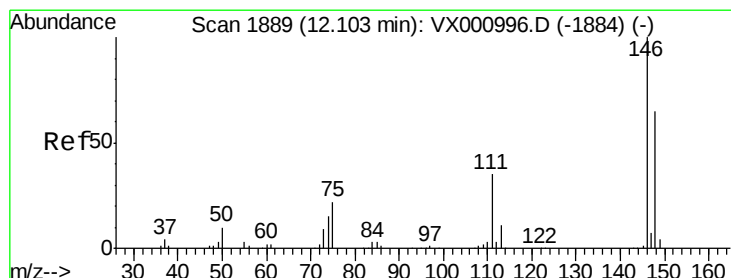
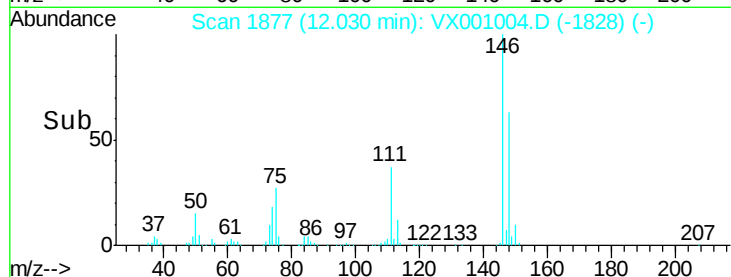
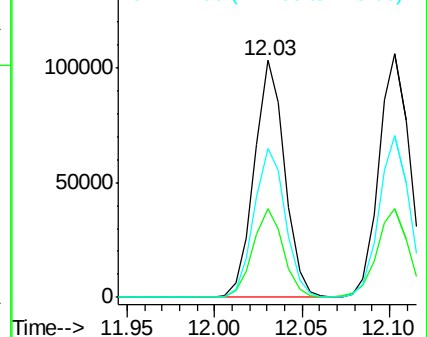
148 64.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.72 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

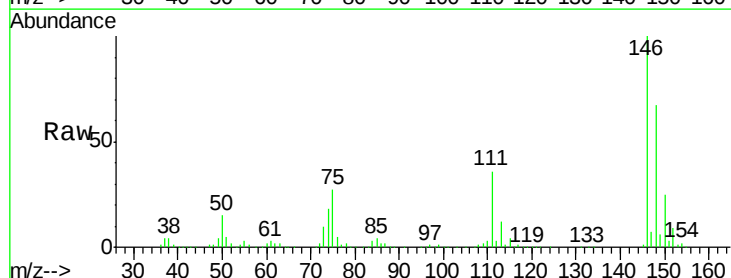
Tgt Ion:146 Resp: 129854

Ion Ratio Lower Upper

146 100

111 37.4 18.0 54.0

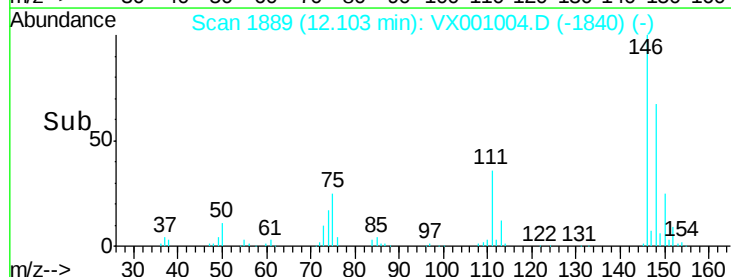
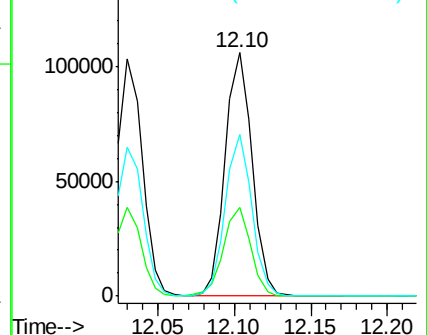
148 65.5 32.4 97.0

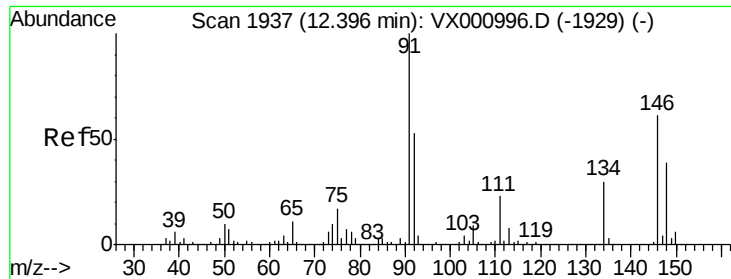


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

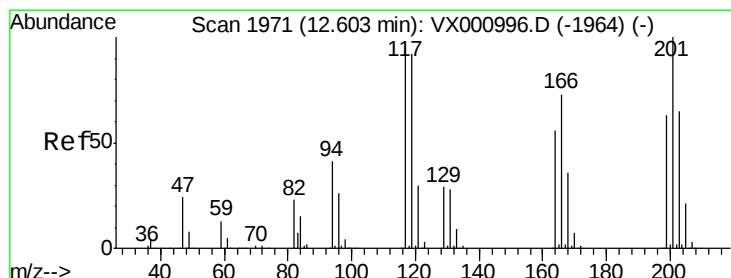
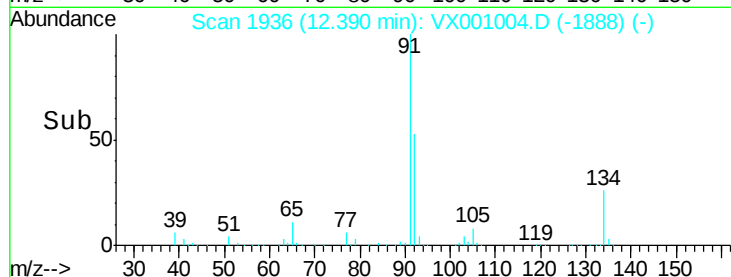
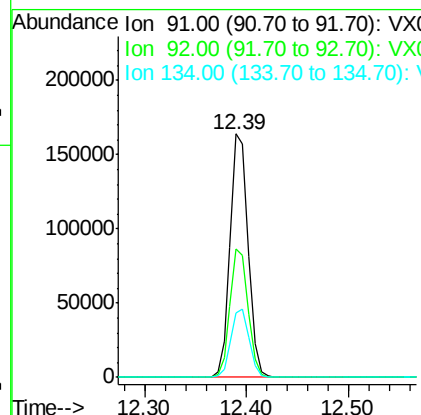
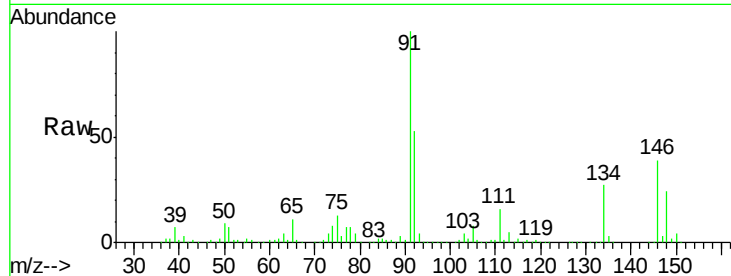




#89
n-Butylbenzene
Concen: 19.15 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

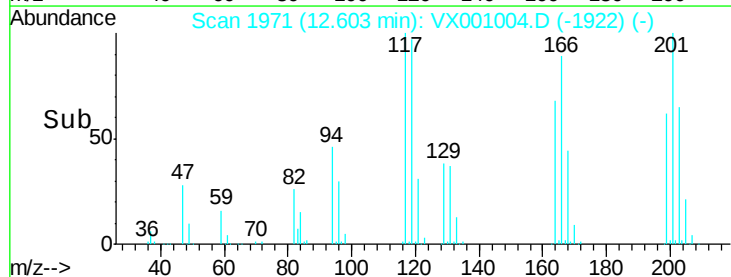
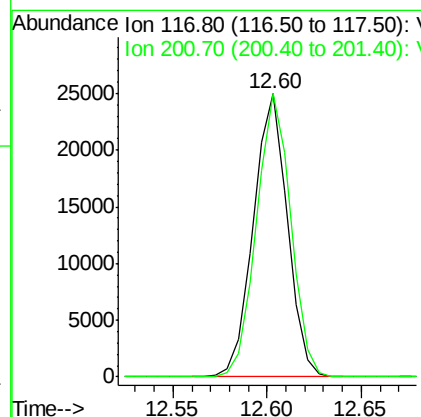
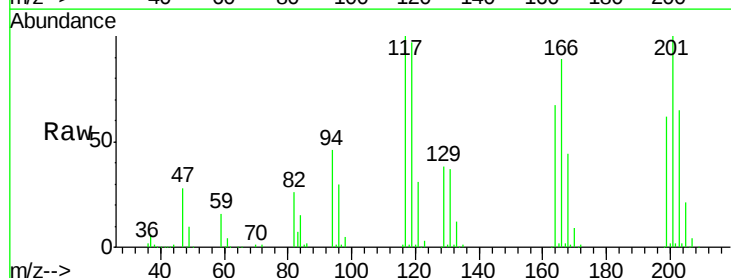
Instrument :
MSVOA_X
ClientSampleId :

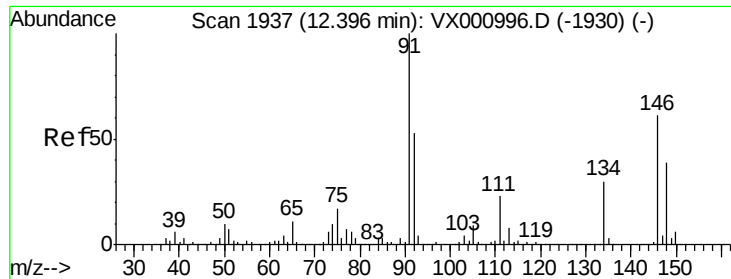
Tot Ion: 91 Resp: 200156
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 28.2 14.4 43.0



#90
Hexachloroethane
Concen: 18.77 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 117 Resp: 31235
Ion Ratio Lower Upper
117 100
201 100.3 52.3 157.1

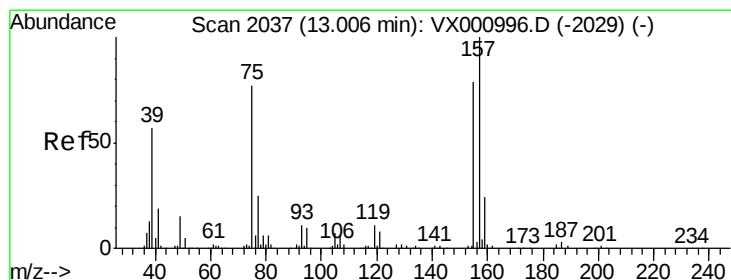
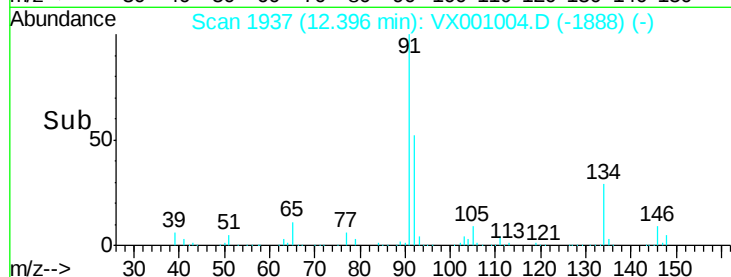
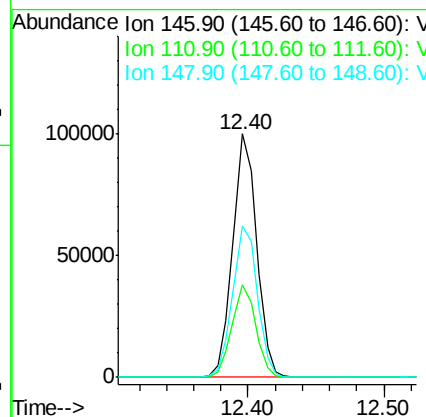
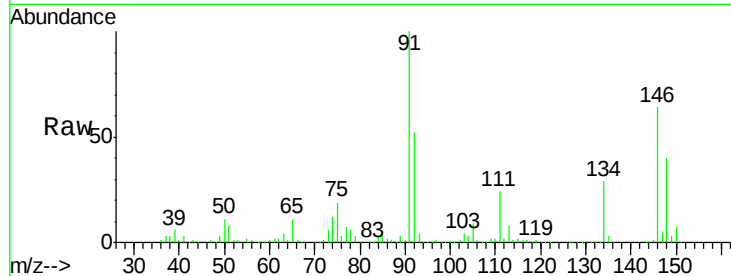




#91
1,2-Dichlorobenzene
Concen: 18.79 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

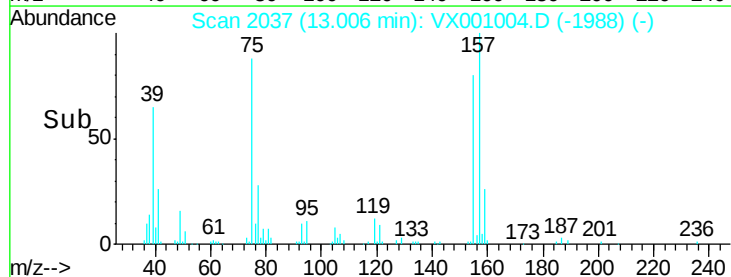
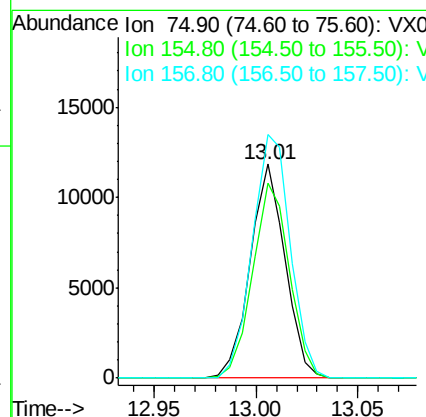
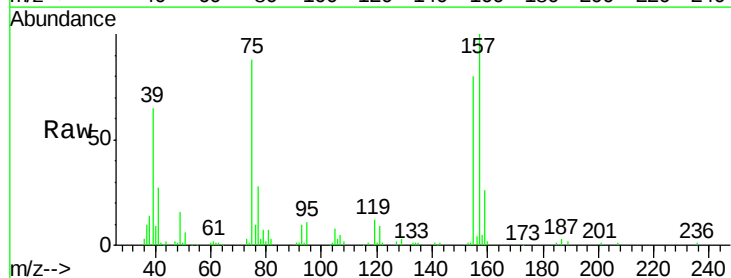
Instrument :
MSVOA_X
ClientSampled :

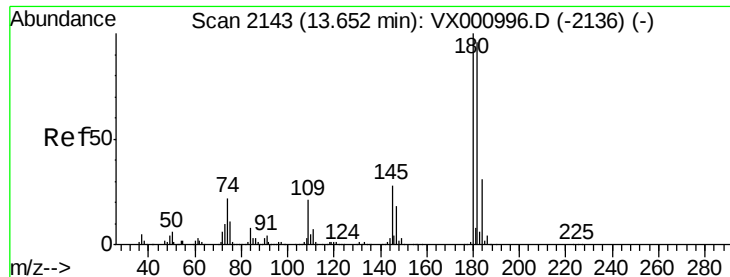
Tot Ion:146 Resp: 122959
Ion Ratio Lower Upper
146 100
111 37.8 18.6 56.0
148 64.3 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.14 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX001004.D
Acq: 20 Apr 2018 13:20

Tgt Ion: 75 Resp: 14117
Ion Ratio Lower Upper
75 100
155 95.7 51.0 153.0
157 123.8 64.9 194.7

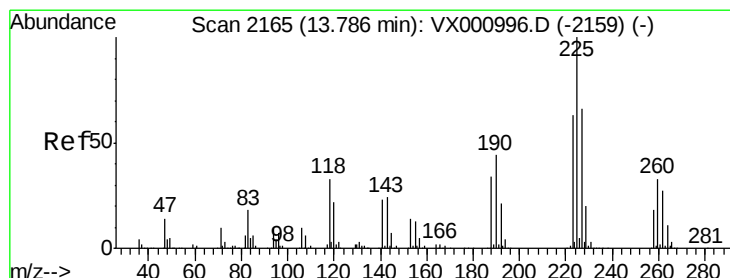
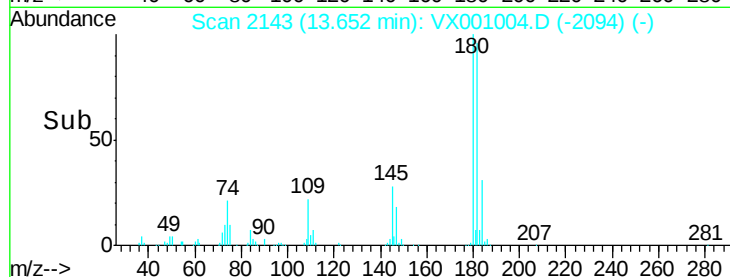
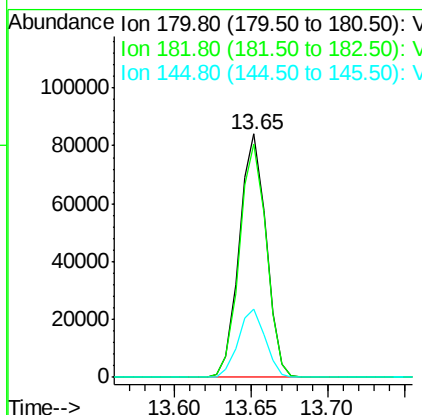
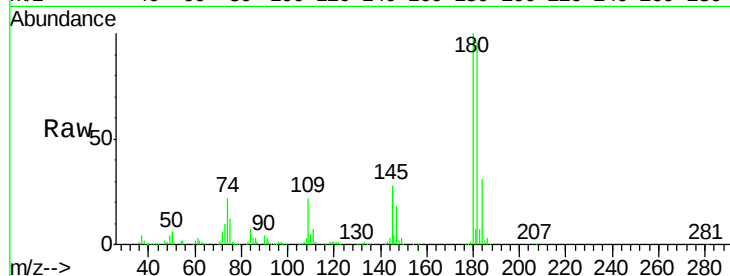




#93
 1,2,4-Trichlorobenzene
 Concen: 18.61 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

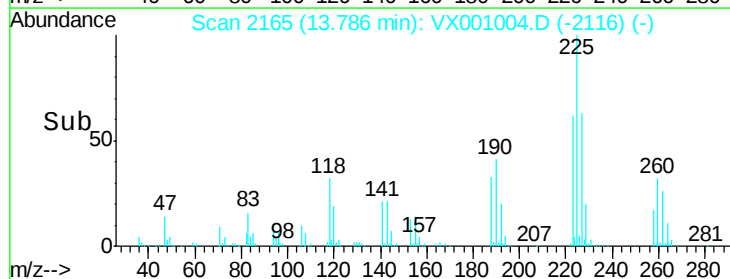
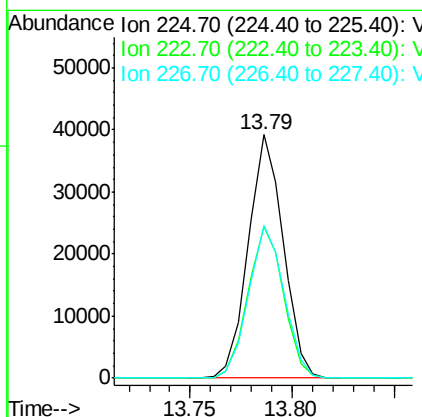
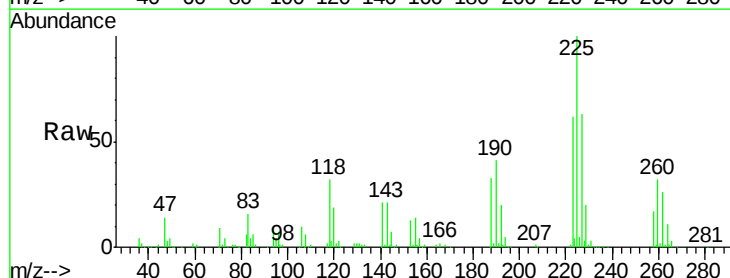
Instrument :
 MSVOA_X
 ClientSampleId :

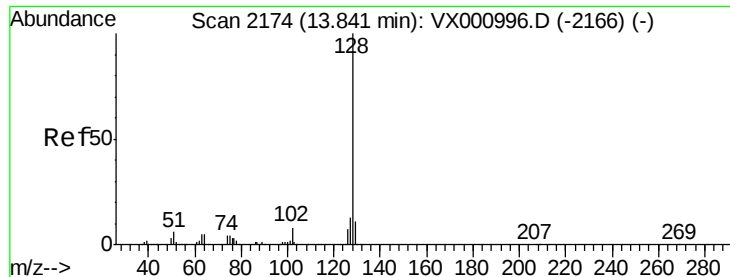
Tot Ion:180 Resp: 102238
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.0 144.0
 145 28.2 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 18.83 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001004.D
 Acq: 20 Apr 2018 13:20

Tgt Ion:225 Resp: 46803
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.5 94.5
 227 63.6 32.6 97.8





#95

Naphthalene

Concen: 19.10 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

Instrument :

MSVOA_X

ClientSampleId :

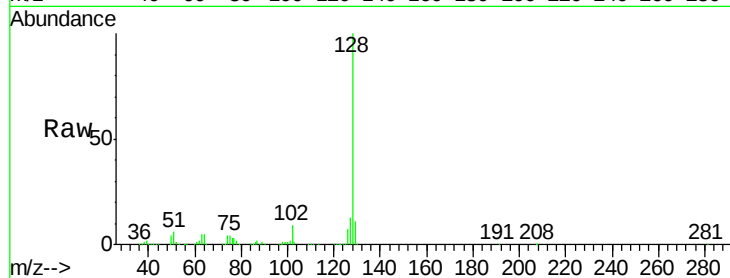
Tot Ion:128 Resp: 258009

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

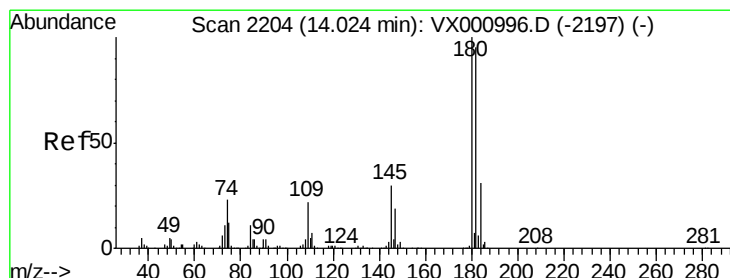
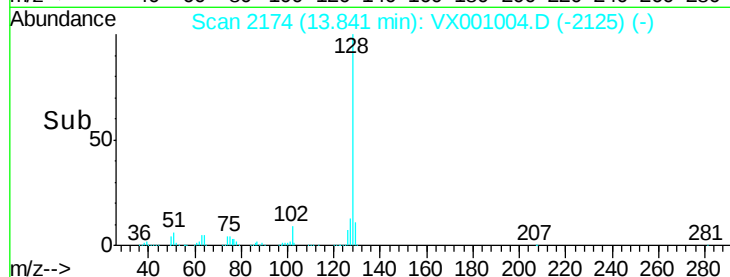
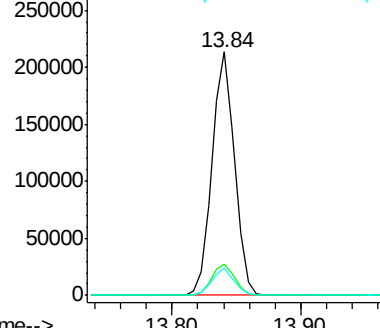
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.72 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001004.D

Acq: 20 Apr 2018 13:20

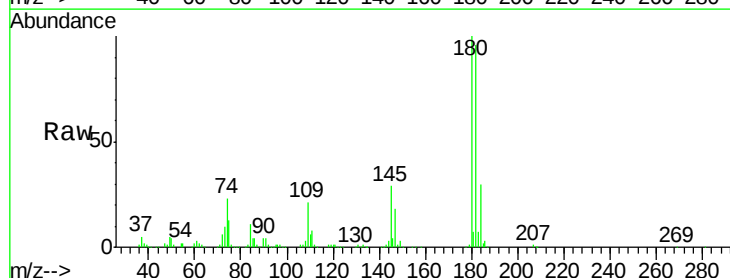
Tgt Ion:180 Resp: 99453

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.7

145 29.1 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

