

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001026.D
 Acq On : 20 Apr 2018 23:30
 Operator : JC/MD
 Sample : VX0420WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 05:40:22 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	226460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	137999	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	5.51	113	109948	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
50) Toluene-d8	8.72	98	402701	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
62) 4-Bromofluorobenzene	11.14	95	165611	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61899	22.04	ug/l	99
3) Chloromethane	1.32	50	52441	20.05	ug/l	98
4) Vinyl Chloride	1.41	62	54873	20.24	ug/l	100
5) Bromomethane	1.65	94	37496	21.80	ug/l	100
6) Chloroethane	1.73	64	33100	20.55	ug/l	98
7) Trichlorofluoromethane	1.93	101	84202	20.68	ug/l	98
8) Diethyl Ether	2.19	74	30328	20.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47435	19.88	ug/l	99
10) Methyl Iodide	2.52	142	35306	20.32	ug/l	100
11) Tert butyl alcohol	3.07	59	45678	105.51	ug/l	99
12) 1,1-Dichloroethene	2.38	96	44549	20.19	ug/l	98
13) Acrolein	2.30	56	15028	117.48	ug/l	99
14) Allyl chloride	2.73	41	77695	19.46	ug/l	98
15) Acrylonitrile	3.15	53	116830	99.71	ug/l	99
16) Acetone	2.45	43	103376	95.63	ug/l	99
17) Carbon Disulfide	2.57	76	117287	18.65	ug/l	100
18) Methyl Acetate	2.78	43	73178	22.37	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	151863	20.47	ug/l	100
20) Methylene Chloride	2.86	84	49098	20.65	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	47289	19.25	ug/l	98
22) Diisopropyl ether	3.87	45	157080	20.32	ug/l	92
23) Vinyl Acetate	3.83	43	628323	98.18	ug/l	99
24) 1,1-Dichloroethane	3.70	63	85039	19.61	ug/l	99
25) 2-Butanone	4.71	43	167010	98.97	ug/l	97
26) 2,2-Dichloropropane	4.59	77	63540	17.04	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	54565	19.94	ug/l	98
28) Bromochloromethane	5.03	49	33137	19.87	ug/l	97
29) Tetrahydrofuran	5.17	42	107730	101.03	ug/l	99
30) Chloroform	5.23	83	90613	20.18	ug/l	98
31) Cyclohexane	5.59	56	77821	19.23	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	80265	19.94	ug/l	98
36) 1,1-Dichloropropene	5.81	75	69207	18.99	ug/l	100
37) Ethyl Acetate	4.87	43	64951	19.43	ug/l	100
38) Carbon Tetrachloride	5.79	117	70154	19.02	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	78021	18.40	ug/l	98
40) Benzene	6.15	78	198448	19.59	ug/l	99
41) Methacrylonitrile	5.07	41	39556	18.95	ug/l	98
42) 1,2-Dichloroethane	6.21	62	77779	20.00	ug/l	99
43) Isopropyl Acetate	6.48	43	110291	19.23	ug/l	100
44) Trichloroethene	7.22	130	59577	19.25	ug/l	98
45) 1,2-Dichloropropane	7.52	63	50788	19.94	ug/l	96
46) Dibromomethane	7.67	93	34865	19.59	ug/l	100
47) Bromodichloromethane	7.91	83	64699	19.62	ug/l	97
48) Methyl methacrylate	7.79	41	59713	19.34	ug/l	98
49) 1,4-Dioxane	7.76	88	18381	404.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	350652	100.72	ug/l	98
52) Toluene	8.79	92	131497	19.89	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	76041	19.29	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	69129	18.59	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	52114	19.83	ug/l	98
56) Ethyl methacrylate	9.19	69	75193	19.48	ug/l	98
57) 1,3-Dichloropropane	9.38	76	85704	19.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	195987	104.04	ug/l	100
59) 2-Hexanone	9.51	43	260939	97.92	ug/l	98
60) Dibromochloromethane	9.59	129	53060	19.22	ug/l	98
61) 1,2-Dibromoethane	9.68	107	55115	19.87	ug/l	100
64) Tetrachloroethene	9.34	164	64901	20.57	ug/l	98
65) Chlorobenzene	10.15	112	153374	19.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	53066	19.54	ug/l	99
67) Ethyl Benzene	10.26	91	255154	19.42	ug/l	99
68) m/p-Xylenes	10.37	106	199629	38.55	ug/l	98
69) o-Xylene	10.71	106	95204	19.07	ug/l	97
70) Styrene	10.72	104	161371	19.62	ug/l	99
71) Bromoform	10.86	173	41577	18.27	ug/l #	98
73) Isopropylbenzene	11.02	105	263415	19.70	ug/l	100
74) N-amyl acetate	6.48	43	110291	19.28	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	75368	19.91	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	82331	23.20	ug/l	88
77) Bromobenzene	11.26	156	75782	19.53	ug/l	99
78) n-propylbenzene	11.37	91	296789	19.34	ug/l	100
79) 2-Chlorotoluene	11.43	91	179249	19.76	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	221886	19.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16619	16.68	ug/l	90
82) 4-Chlorotoluene	11.52	91	213086	19.44	ug/l	99
83) tert-Butylbenzene	11.77	119	223433	19.54	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	229894	19.71	ug/l	99
85) sec-Butylbenzene	11.95	105	264798	19.40	ug/l	100
86) p-Isopropyltoluene	12.07	119	244501	19.37	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140096	19.28	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143748	19.28	ug/l	99
89) n-Butylbenzene	12.40	91	212909	18.95	ug/l	99
90) Hexachloroethane	12.60	117	33079	18.49	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	136242	19.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15837	19.97	ug/l	94

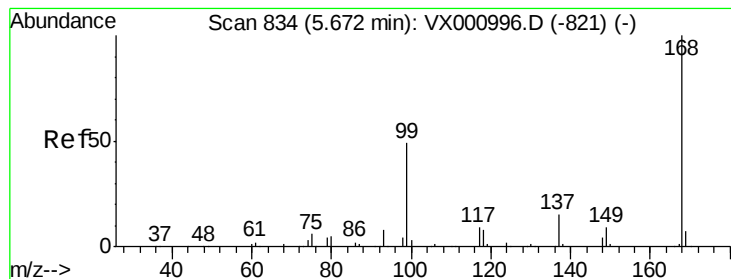
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110598	18.73	ug/l	100
94) Hexachlorobutadiene	13.79	225	48445	18.13	ug/l	99
95) Naphthalene	13.84	128	287379	19.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107753	18.87	ug/l	99

(#) = 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: VX001026.D

Acq: 20 Apr 2018 23:30

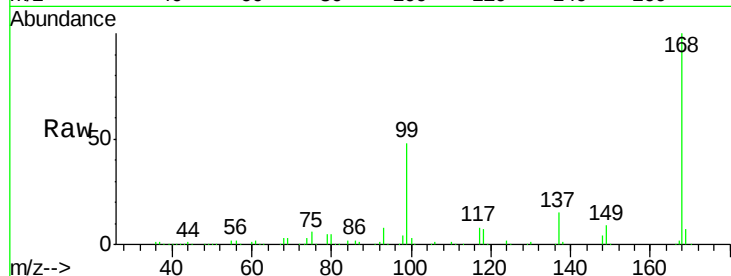
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 226460

Ion Ratio Lower Upper

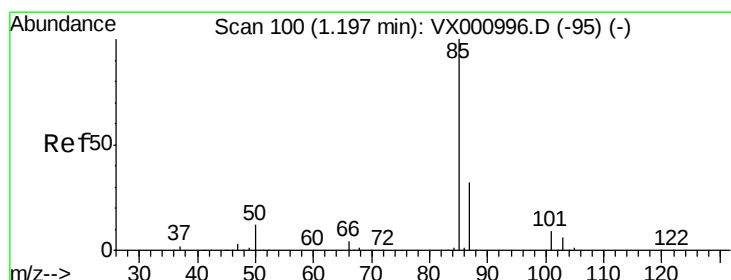
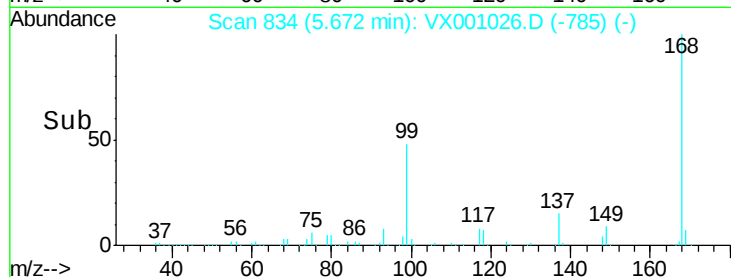
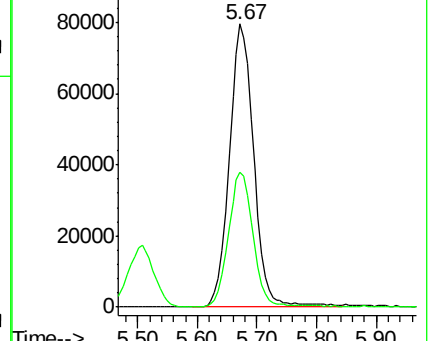
168 100

99 47.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.04 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001026.D

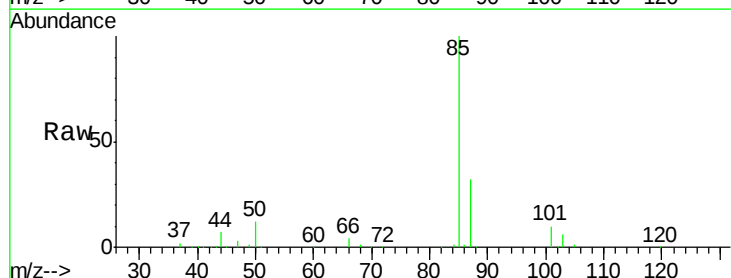
Acq: 20 Apr 2018 23:30

Tgt Ion: 85 Resp: 61899

Ion Ratio Lower Upper

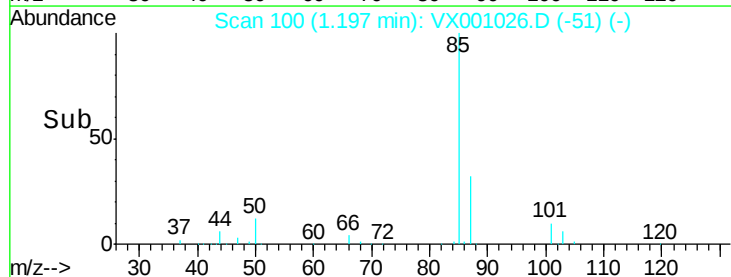
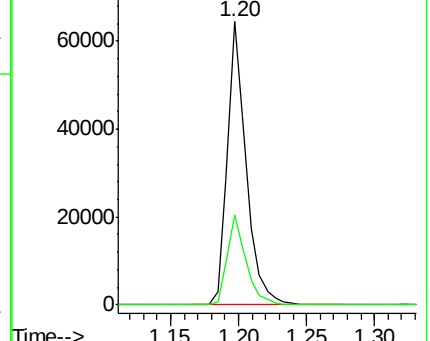
85 100

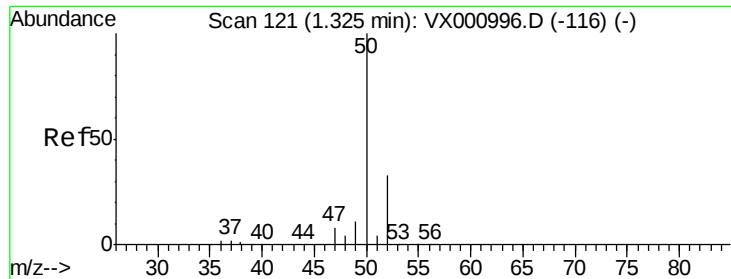
87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.05 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

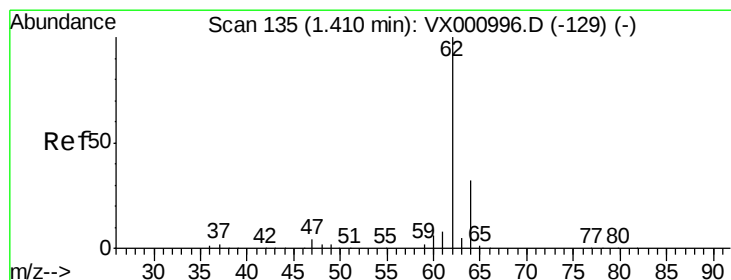
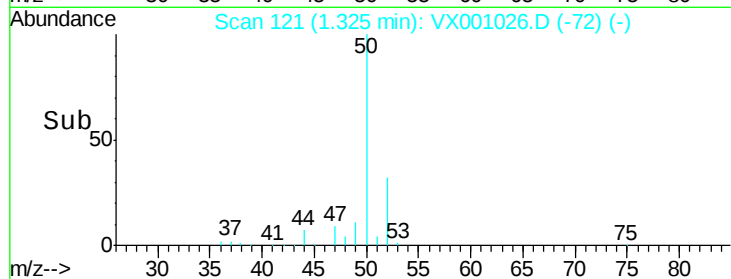
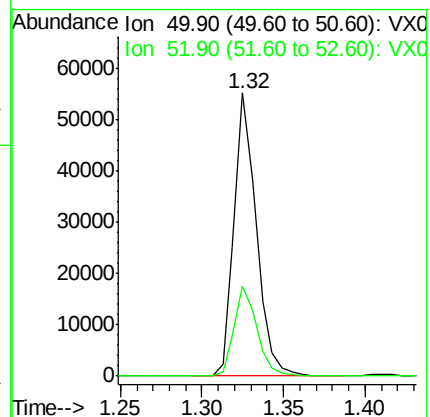
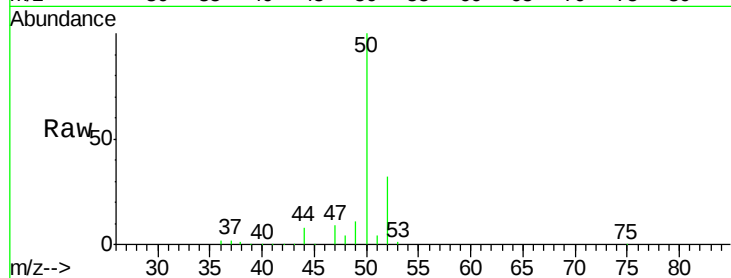
ClientSampleId :

Tot Ion: 50 Resp: 52441

Ion Ratio Lower Upper

50 100

52 32.0 26.3 39.5



#4

Vinyl Chloride

Concen: 20.24 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001026.D

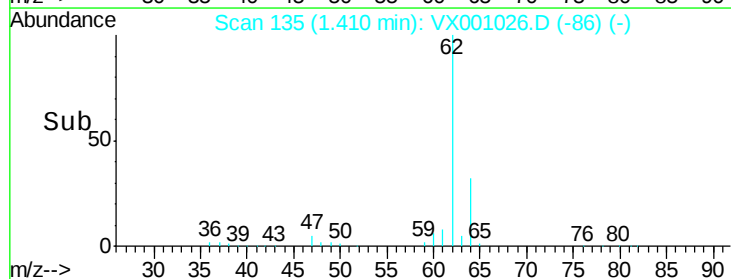
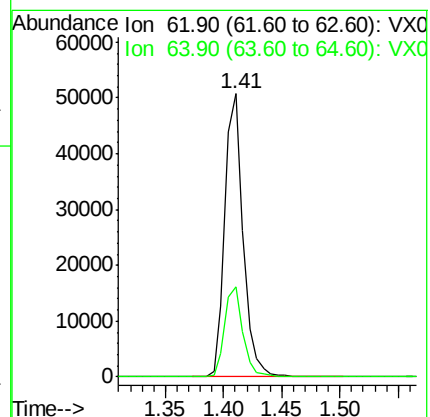
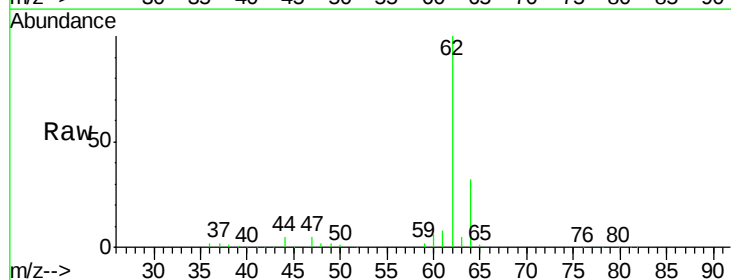
Acq: 20 Apr 2018 23:30

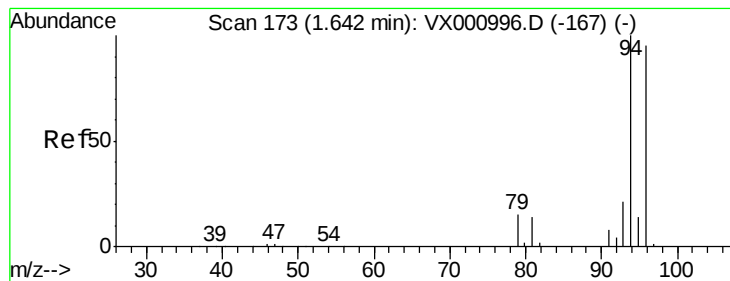
Tgt Ion: 62 Resp: 54873

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 21.80 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

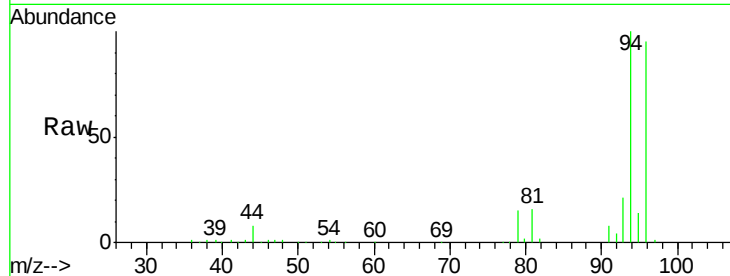
ClientSampleId :

Tot Ion: 94 Resp: 37496

Ion Ratio Lower Upper

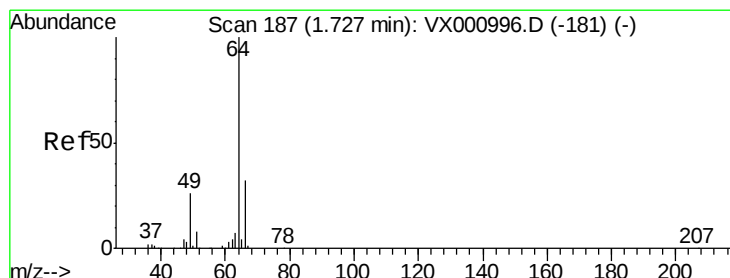
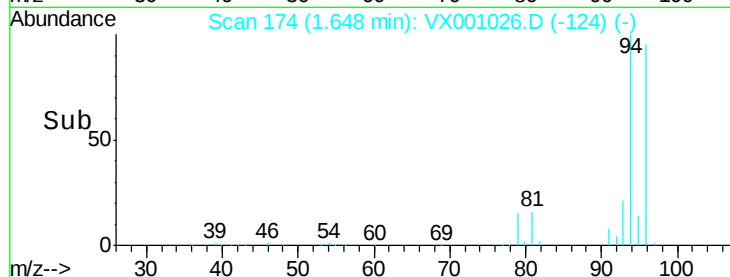
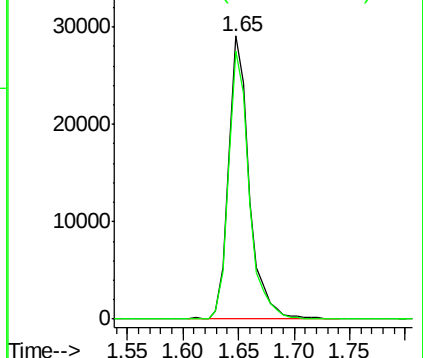
94 100

96 94.5 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: 20.55 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001026.D

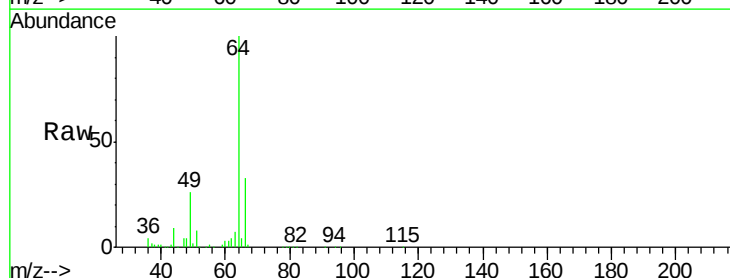
Acq: 20 Apr 2018 23:30

Tgt Ion: 64 Resp: 33100

Ion Ratio Lower Upper

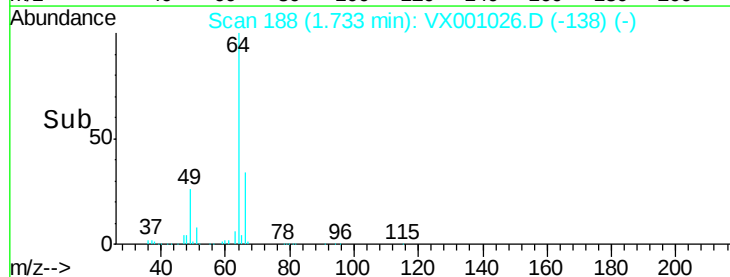
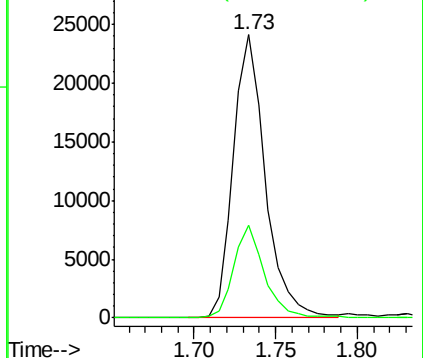
64 100

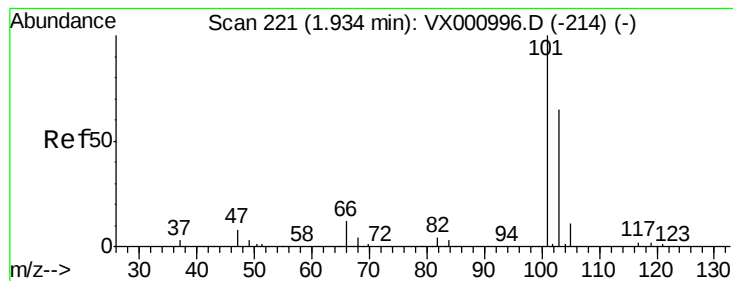
66 32.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 20.68 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

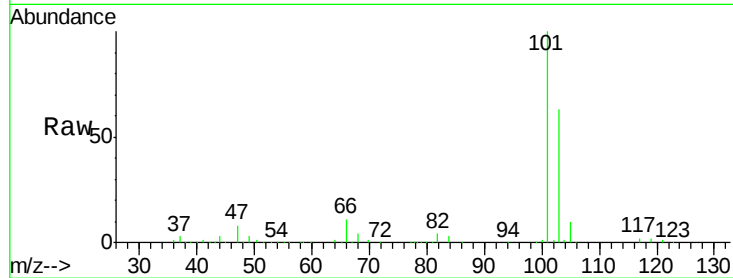
ClientSampleId :

Tot Ion:101 Resp: 84202

Ion Ratio Lower Upper

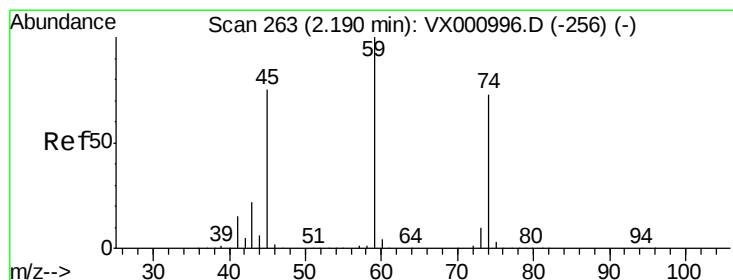
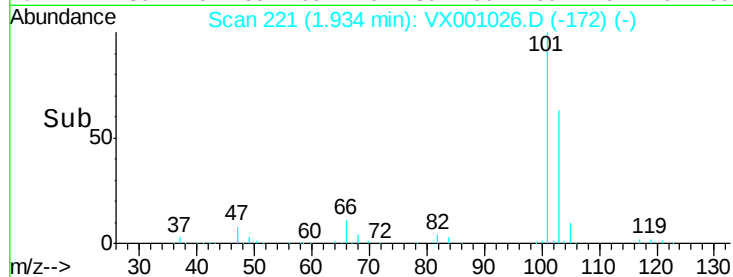
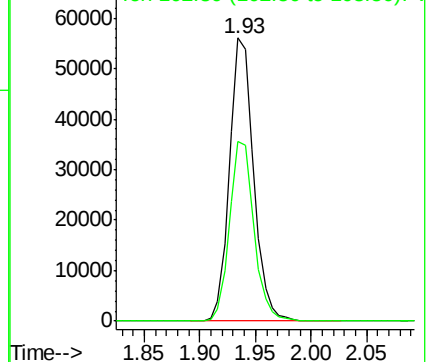
101 100

103 63.4 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.16 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001026.D

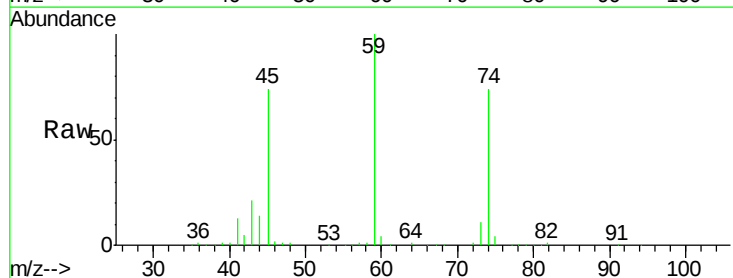
Acq: 20 Apr 2018 23:30

Tgt Ion: 74 Resp: 30328

Ion Ratio Lower Upper

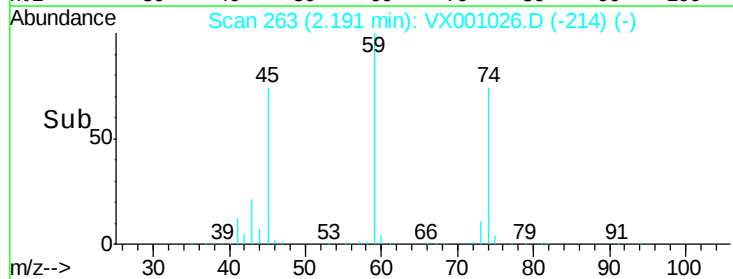
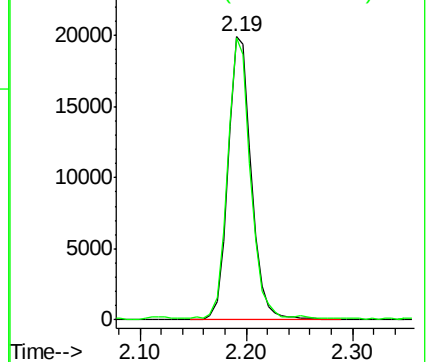
74 100

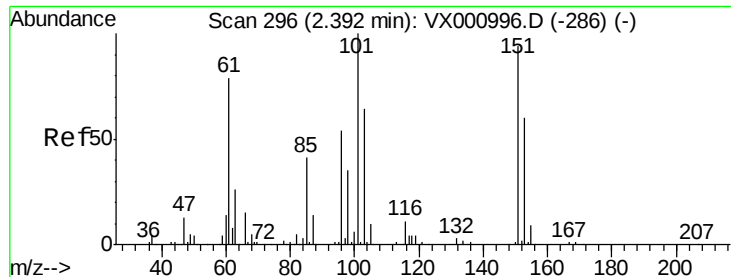
45 96.9 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.88 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

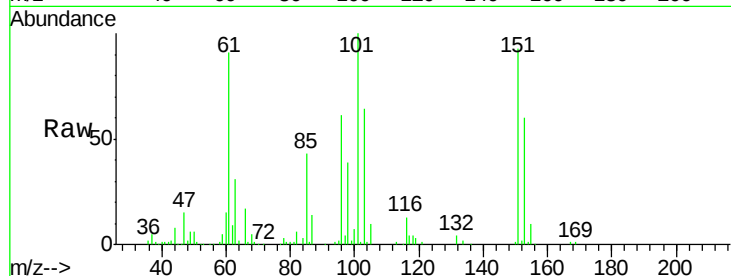
Tot Ion:101 Resp: 47435

Ion Ratio Lower Upper

101 100

85 43.7 33.9 50.9

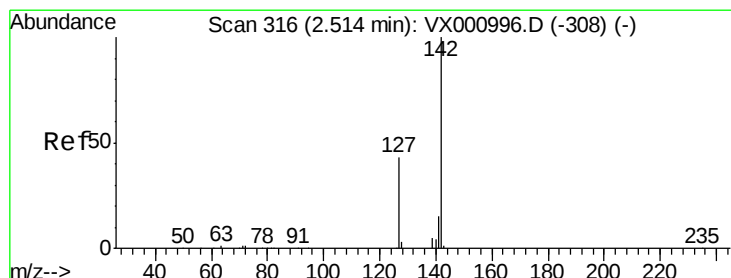
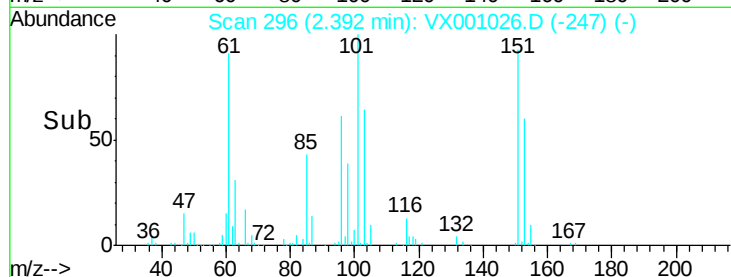
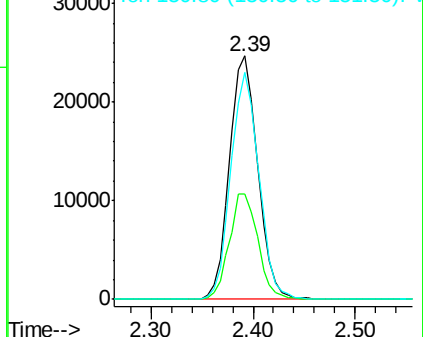
151 91.8 73.5 110.3



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: 20.32 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

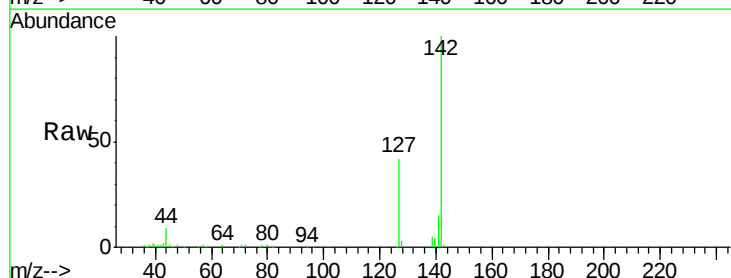
Tgt Ion:142 Resp: 35306

Ion Ratio Lower Upper

142 100

127 42.5 34.0 51.0

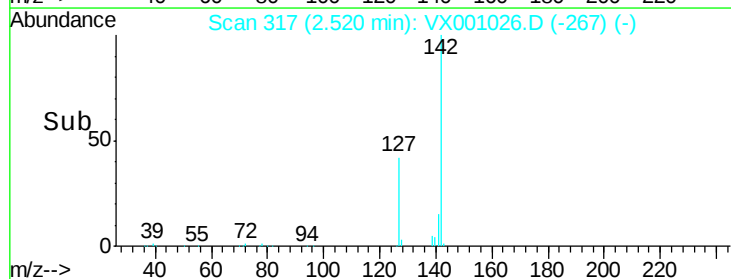
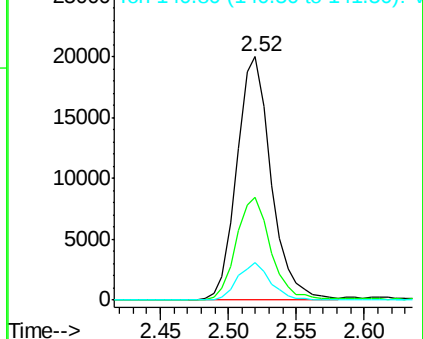
141 14.7 11.4 17.2

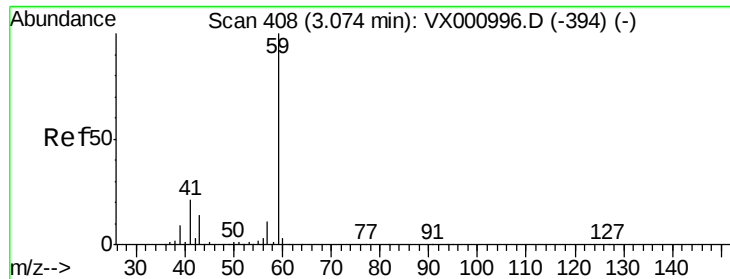


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



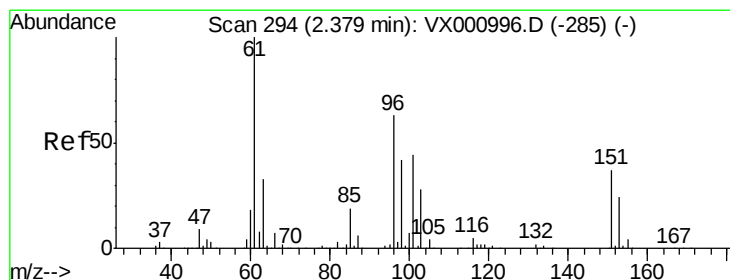
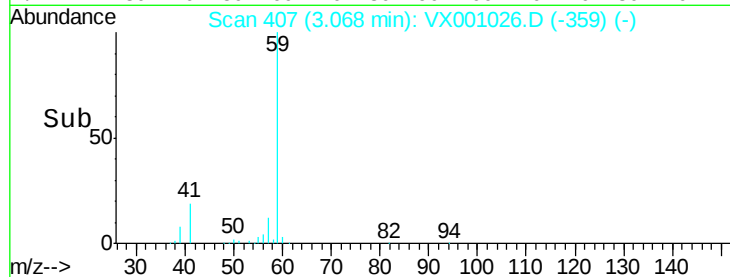
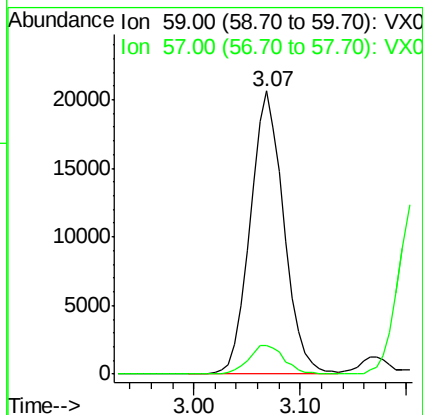
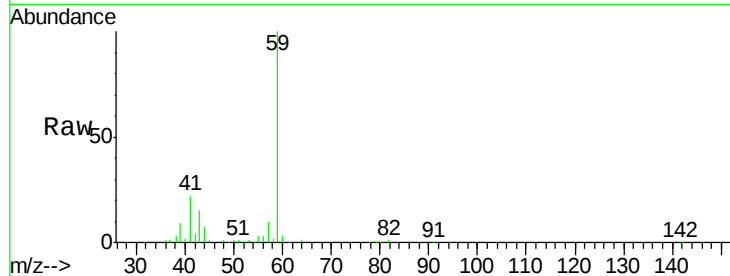


#11

Tert butyl alcohol
 Concen: 105.51 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX001026.D
 Acq: 20 Apr 2018 23:30

Instrument :
 MSVOA_X
 ClientSampleId :

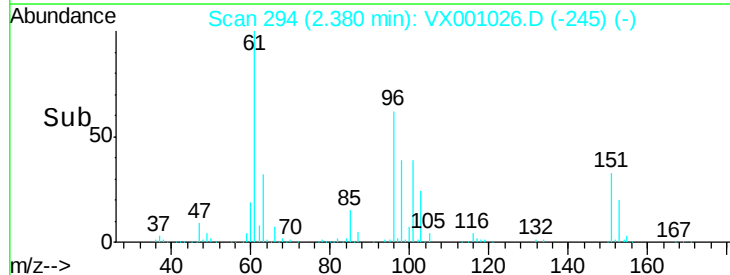
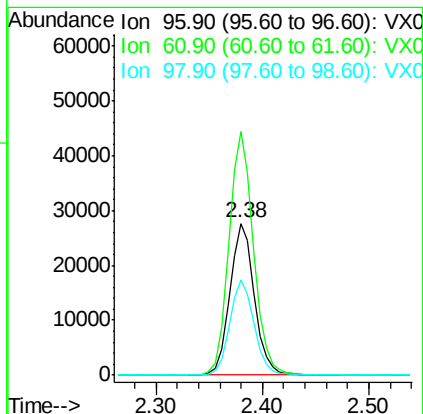
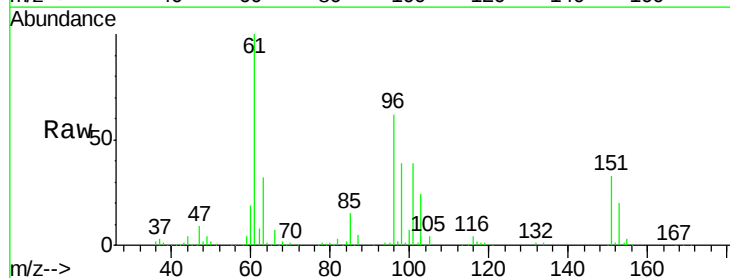
Tot Ion: 59 Resp: 45678
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.3 12.5

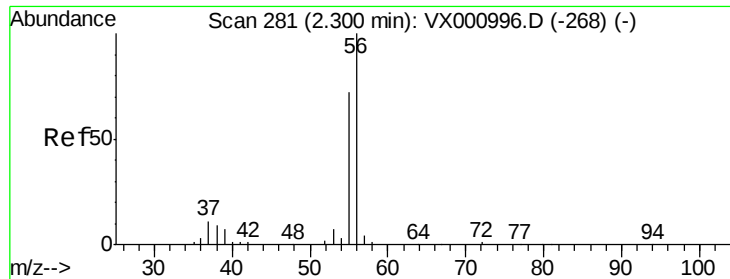


#12

1,1-Dichloroethene
 Concen: 20.19 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX001026.D
 Acq: 20 Apr 2018 23:30

Tgt Ion: 96 Resp: 44549
 Ion Ratio Lower Upper
 96 100
 61 160.1 126.4 189.6
 98 62.9 52.6 78.8





#13

Acrolein

Concen: 117.48 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

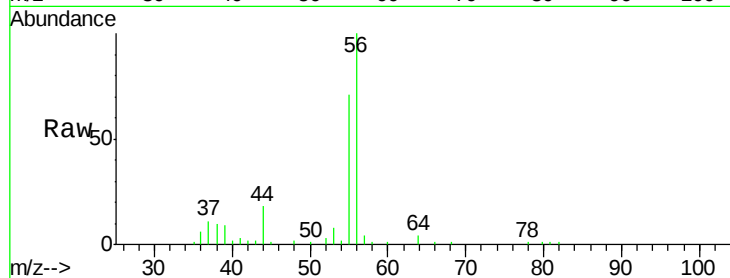
ClientSampleId :

Tot Ion: 56 Resp: 15028

Ion Ratio Lower Upper

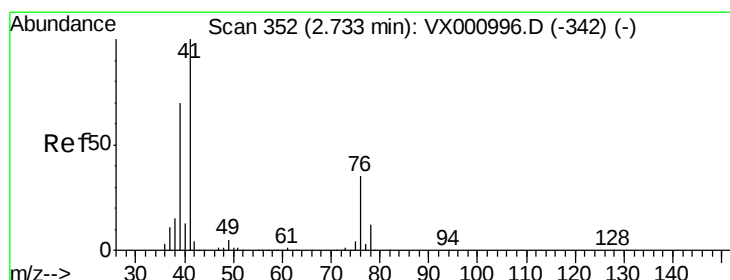
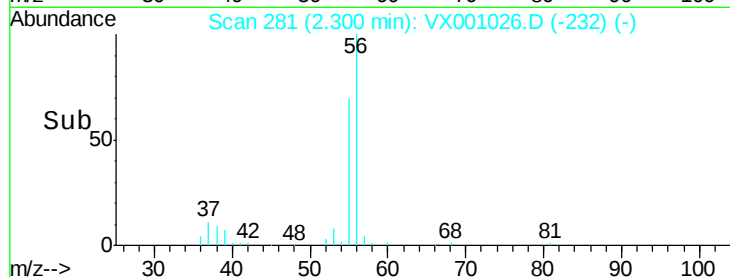
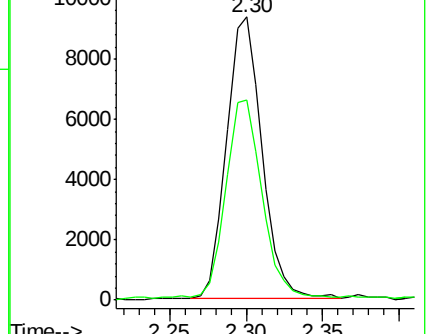
56 100

55 72.6 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: 19.46 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

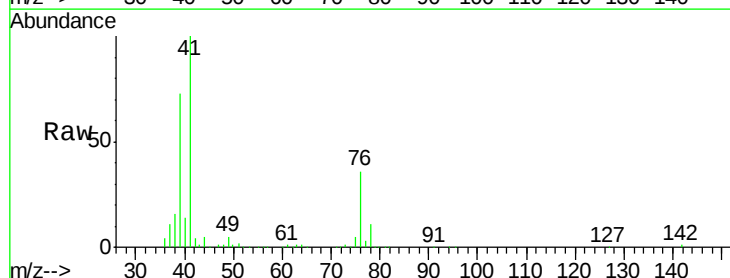
Tgt Ion: 41 Resp: 77695

Ion Ratio Lower Upper

41 100

39 68.1 53.0 79.6

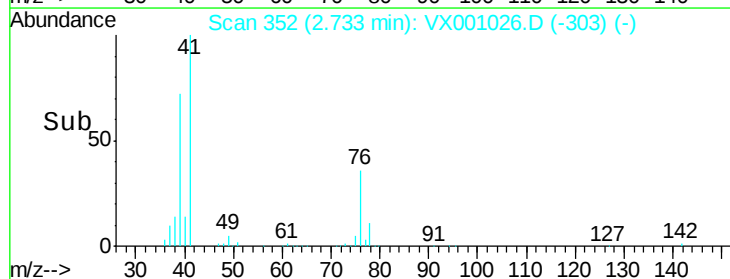
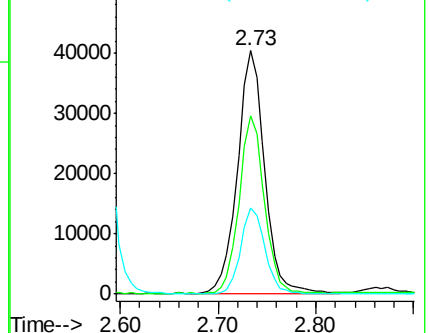
76 32.1 25.9 38.9



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: 99.71 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

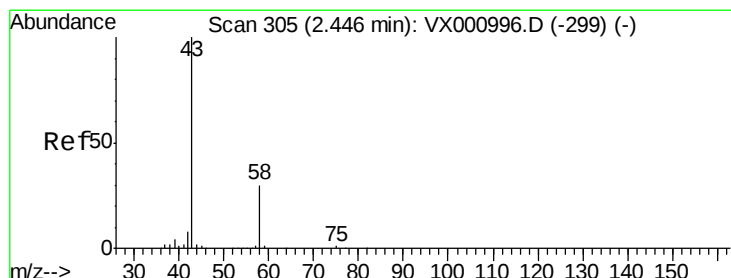
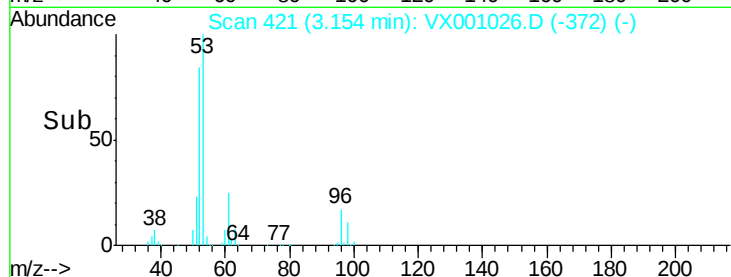
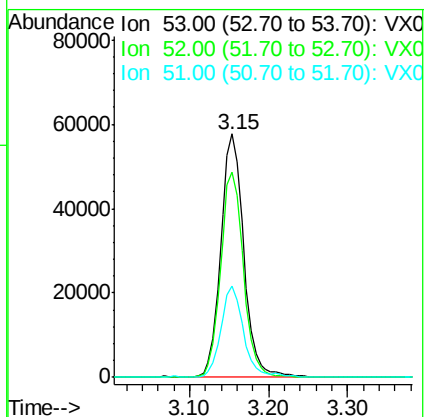
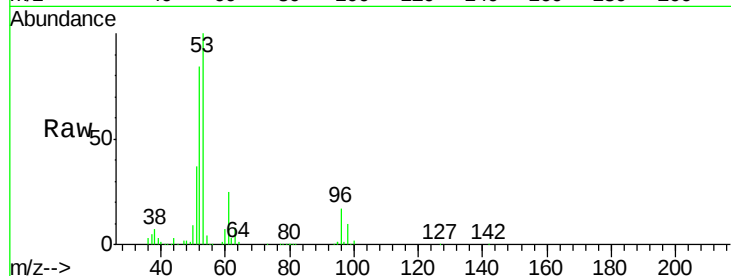
Tot Ion: 53 Resp: 116830

Ion Ratio Lower Upper

53 100

52 83.9 66.4 99.6

51 37.4 29.0 43.6



#16

Acetone

Concen: 95.63 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001026.D

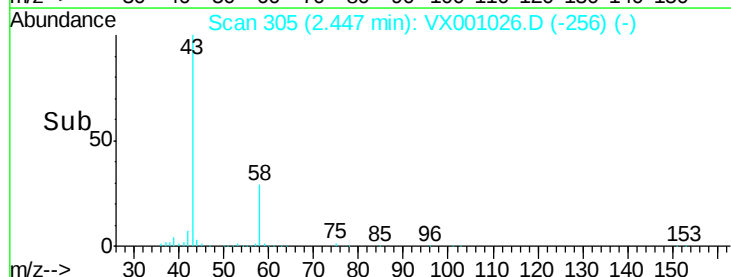
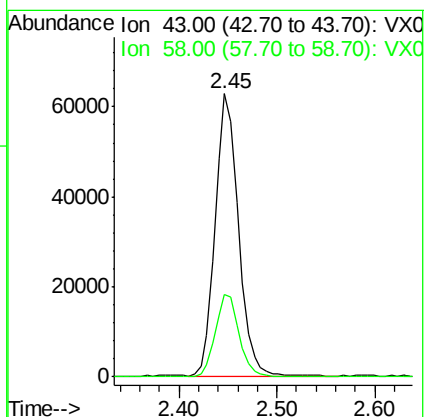
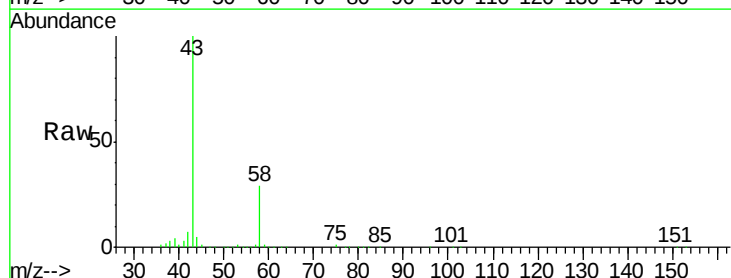
Acq: 20 Apr 2018 23:30

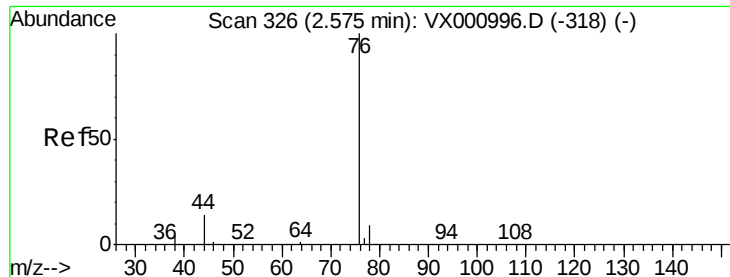
Tgt Ion: 43 Resp: 103376

Ion Ratio Lower Upper

43 100

58 29.1 23.7 35.5

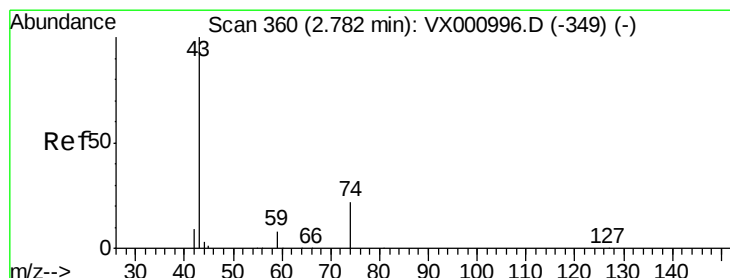
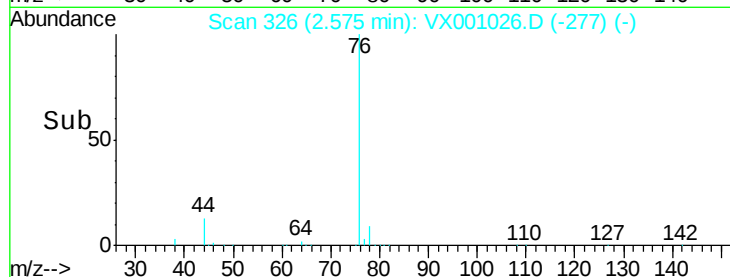
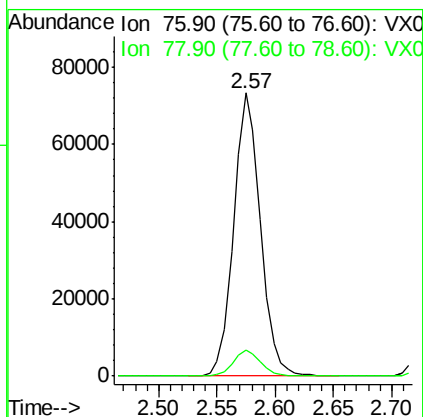
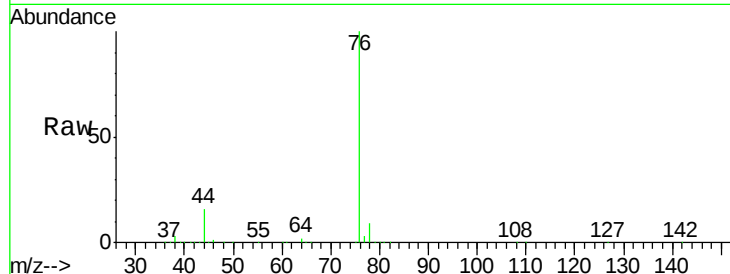




#17
Carbon Disulfide
Concen: 18.65 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

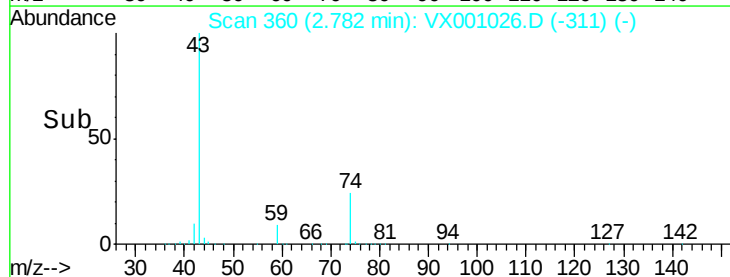
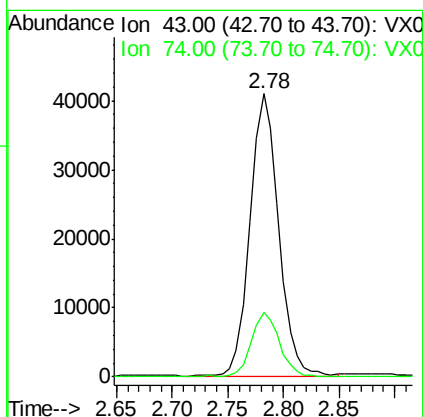
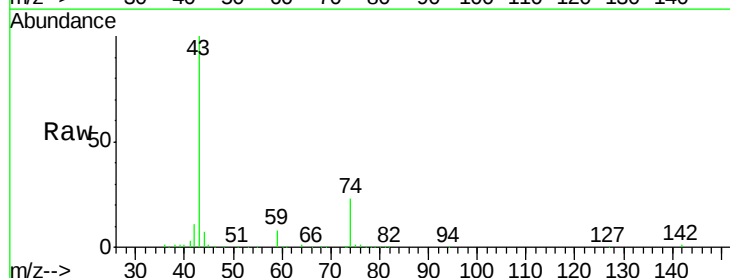
Instrument :
MSVOA_X
ClientSampleId :

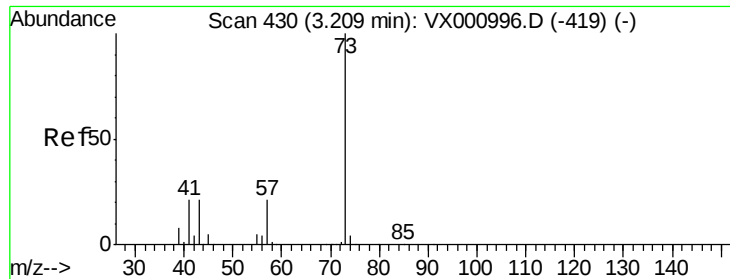
Tot Ion: 76 Resp: 117287
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 22.37 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Tgt Ion: 43 Resp: 73178
Ion Ratio Lower Upper
43 100
74 23.2 18.3 27.5

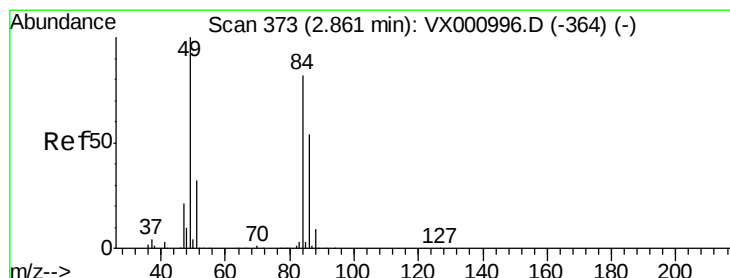
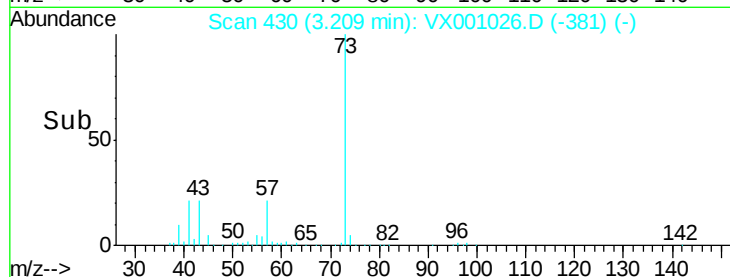
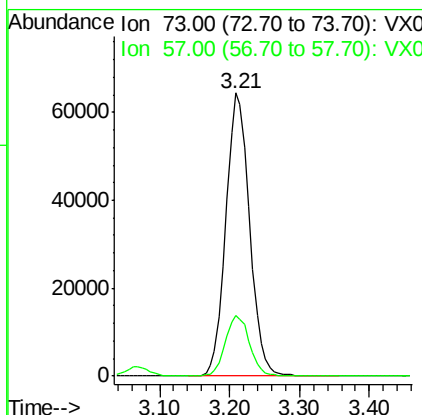
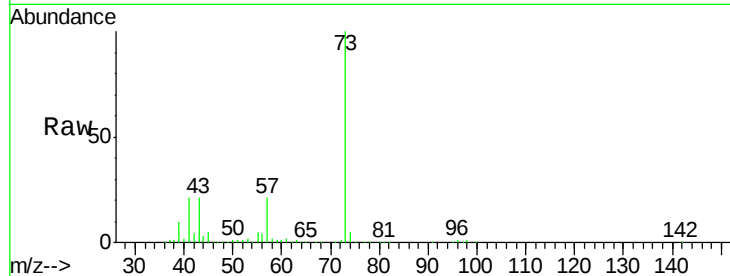




#19
Methyl tert-butyl Ether
Concen: 20.47 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

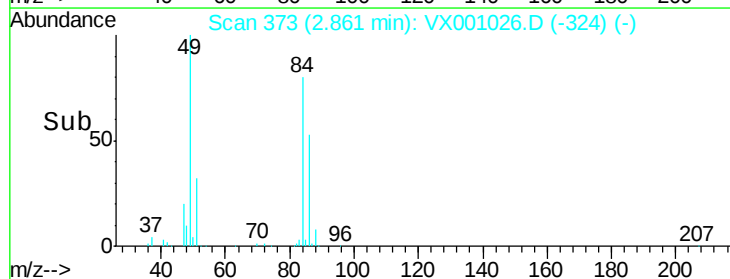
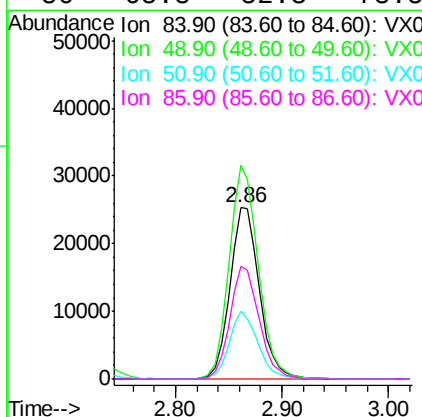
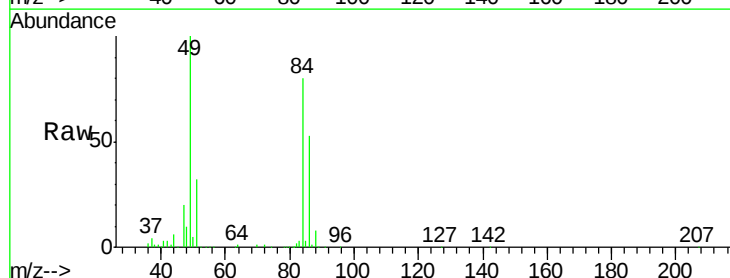
Instrument :
MSVOA_X
ClientSampled :

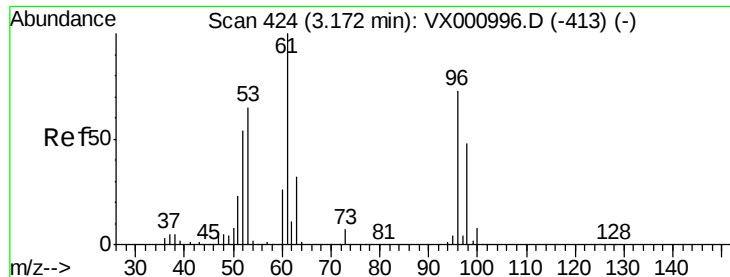
Tot Ion: 73 Resp: 151863
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7



#20
Methylene Chloride
Concen: 20.65 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Tgt Ion: 84 Resp: 49098
Ion Ratio Lower Upper
84 100
49 124.7 97.1 145.7
51 39.6 30.8 46.2
86 65.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.25 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :
MSVOA_X
ClientSampled :

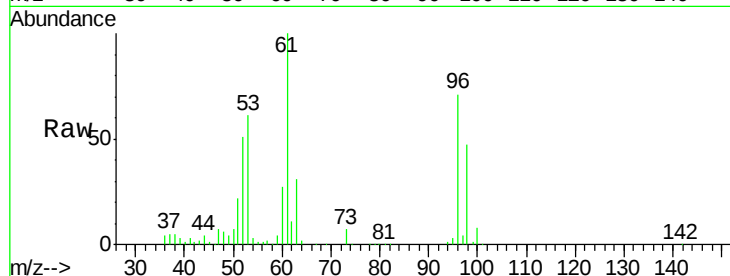
Tot Ion: 96 Resp: 47289

Ion Ratio Lower Upper

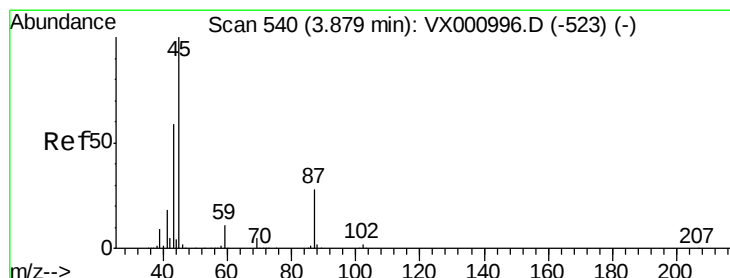
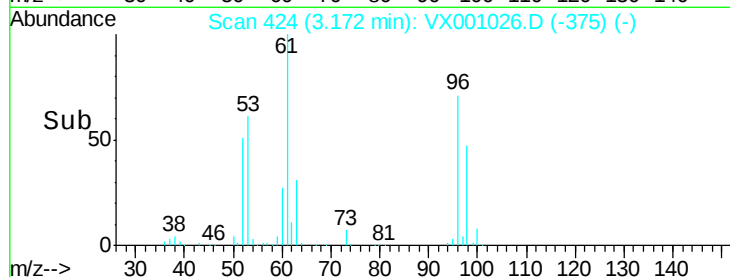
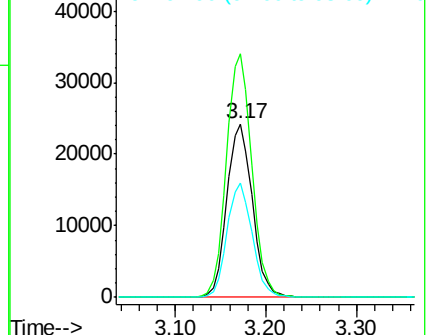
96 100

61 140.5 109.4 164.2

98 66.0 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: 20.32 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Tgt Ion: 45 Resp: 157080

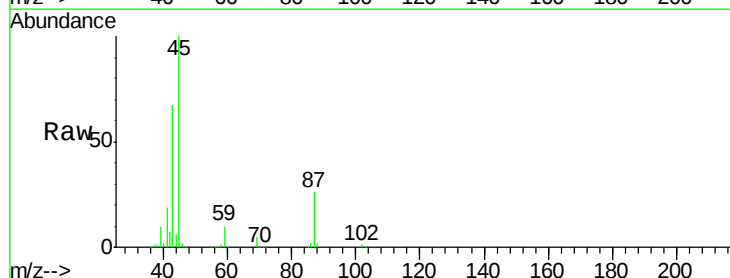
Ion Ratio Lower Upper

45 100

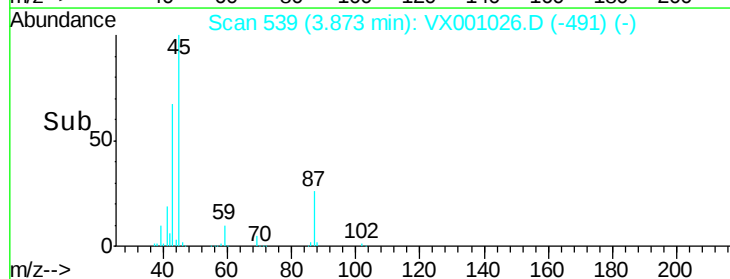
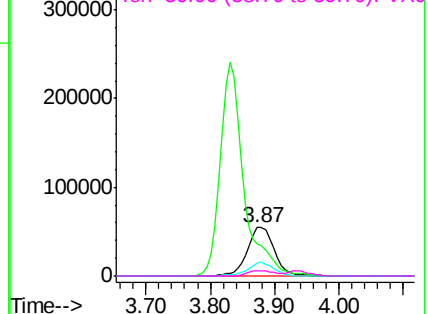
43 66.6 47.0 70.4

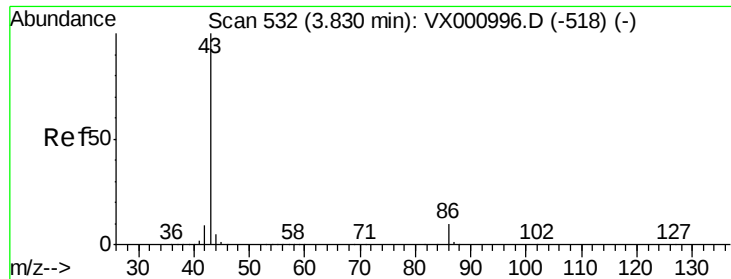
87 25.7 22.5 33.7

59 10.5 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: 98.18 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

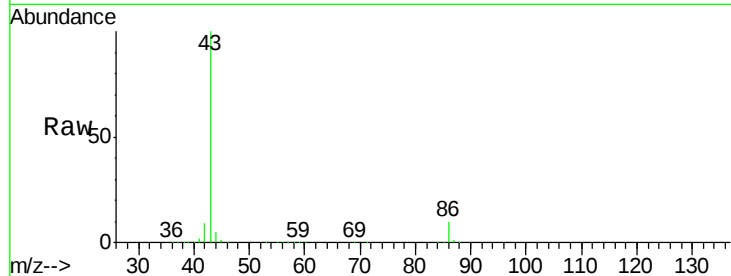
ClientSampled :

Tot Ion: 43 Resp: 628323

Ion Ratio Lower Upper

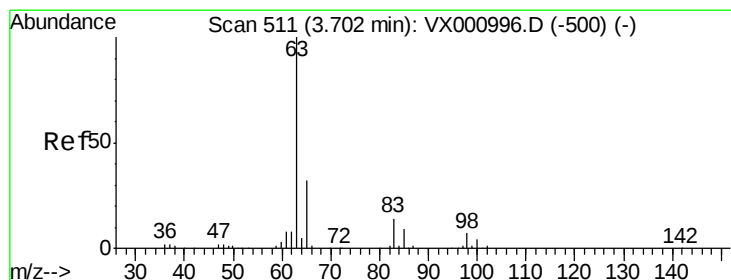
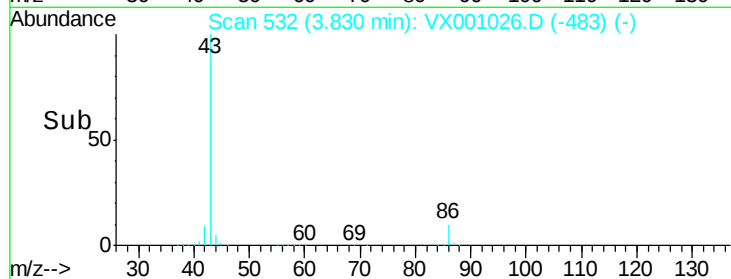
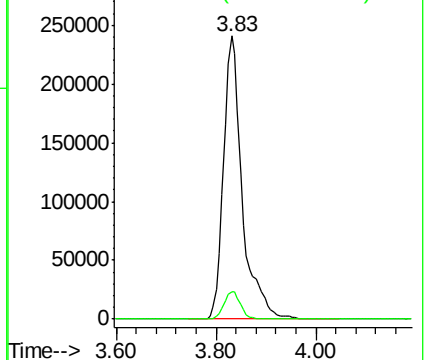
43 100

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



#24

1,1-Dichloroethane

Concen: 19.61 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

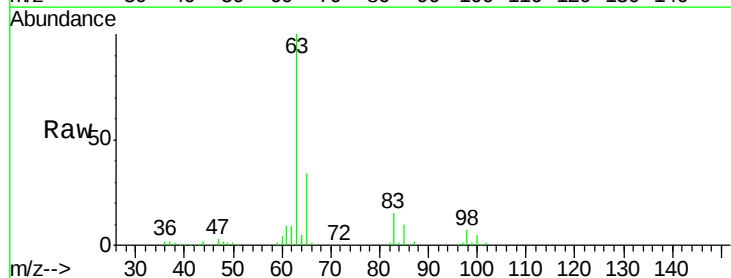
Tgt Ion: 63 Resp: 85039

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

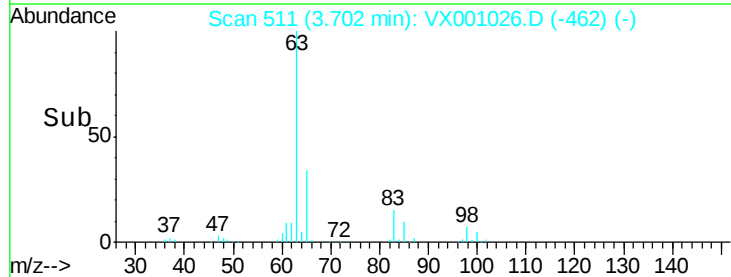
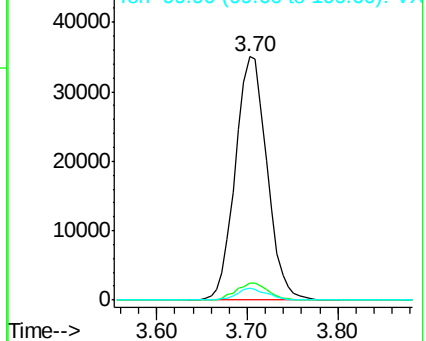
100 4.9 2.1 6.3

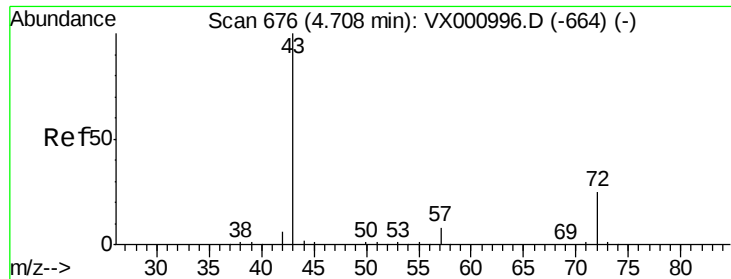


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.97 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

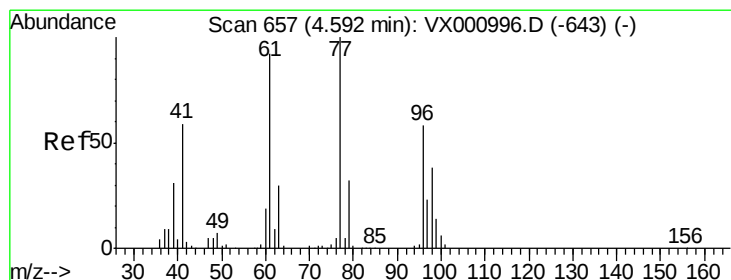
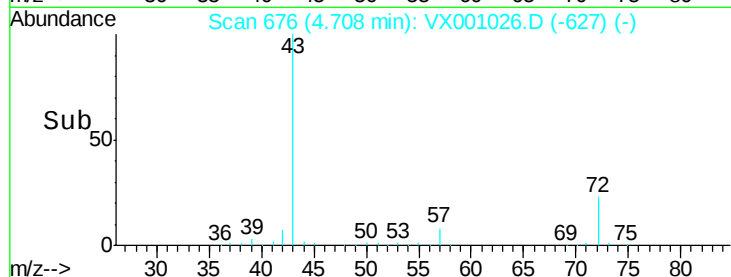
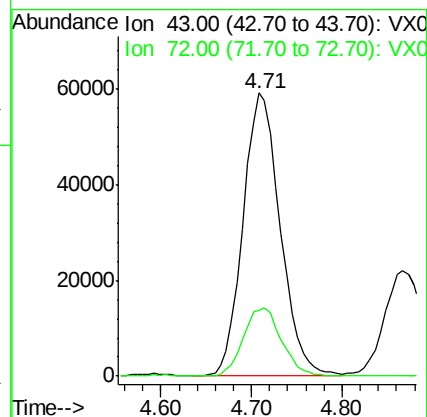
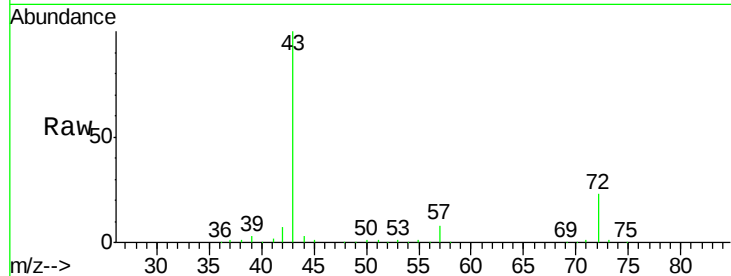
ClientSampleId :

Tot Ion: 43 Resp: 167010

Ion Ratio Lower Upper

43 100

72 23.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 17.04 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001026.D

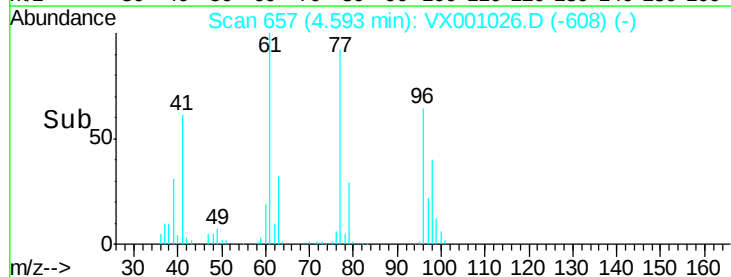
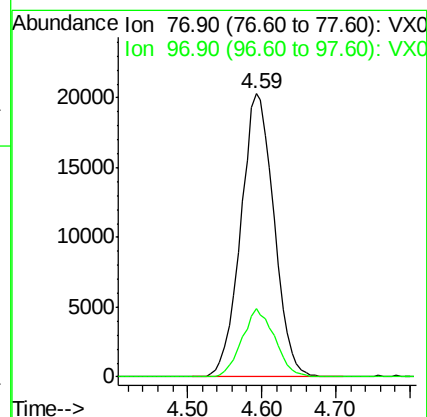
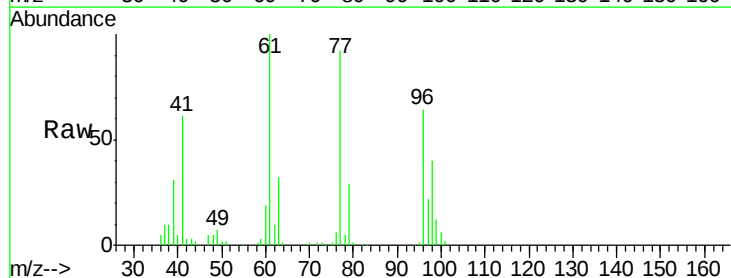
Acq: 20 Apr 2018 23:30

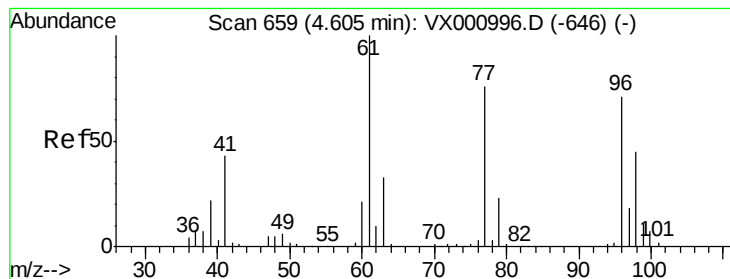
Tgt Ion: 77 Resp: 63540

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.94 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :
MSVOA_X
ClientSampleId :

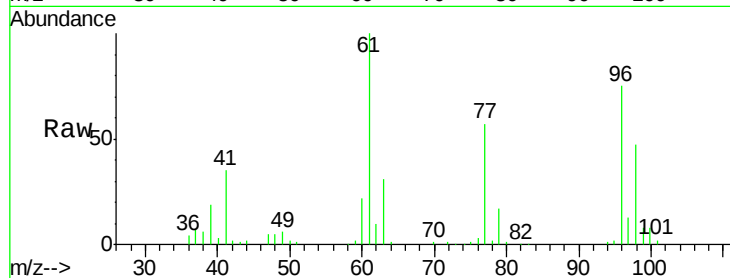
Tot Ion: 96 Resp: 54565

Ion Ratio Lower Upper

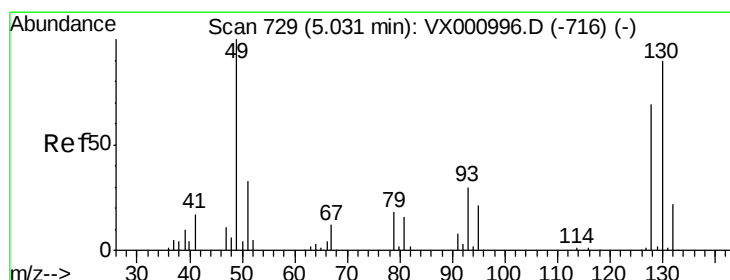
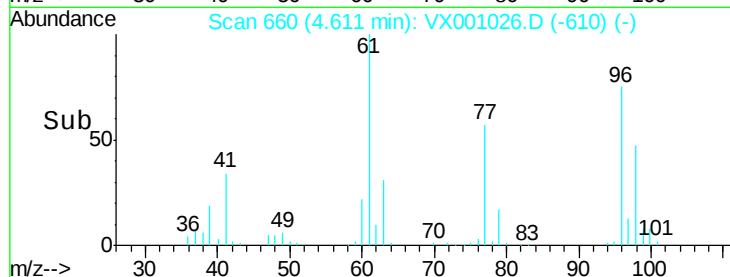
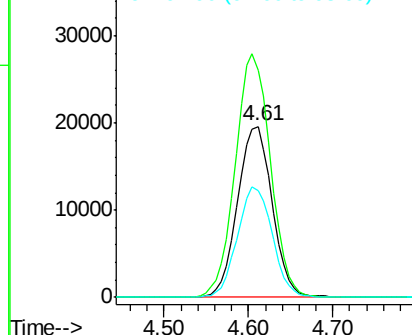
96 100

61 145.0 0.0 297.0

98 65.2 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: 19.87 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

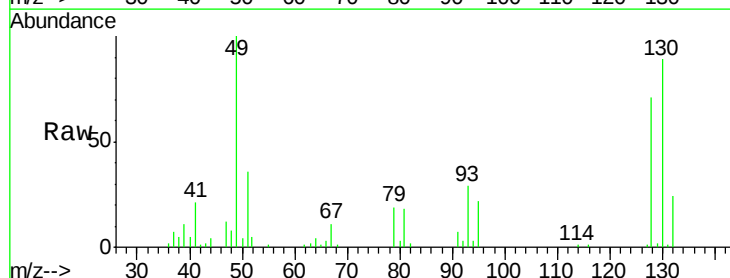
Tgt Ion: 49 Resp: 33137

Ion Ratio Lower Upper

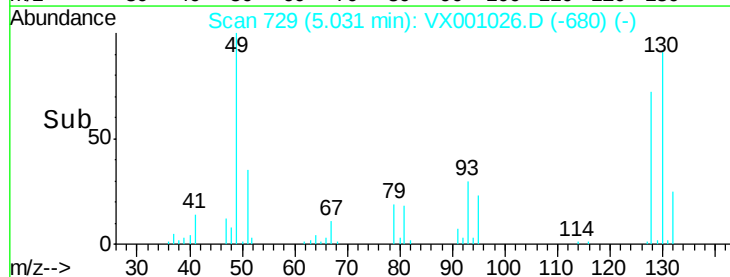
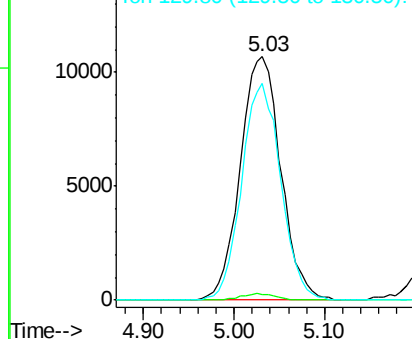
49 100

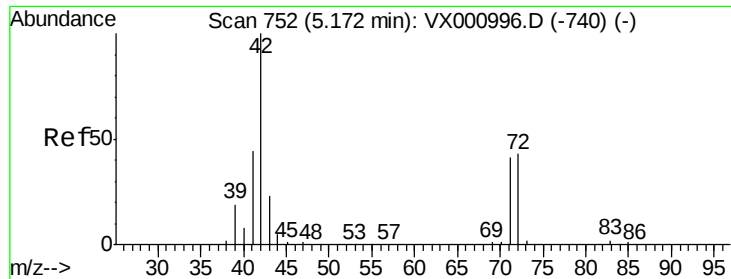
129 2.1 0.0 4.8

130 85.3 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

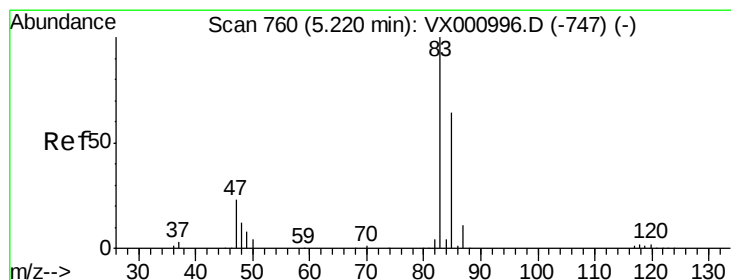
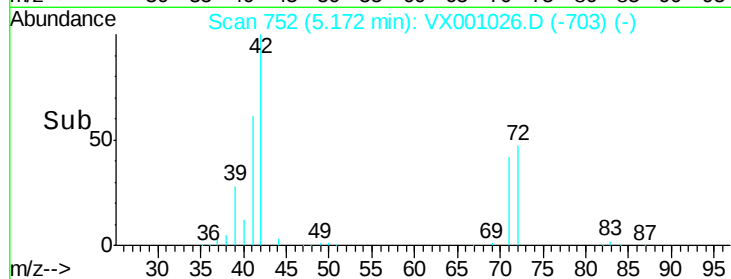
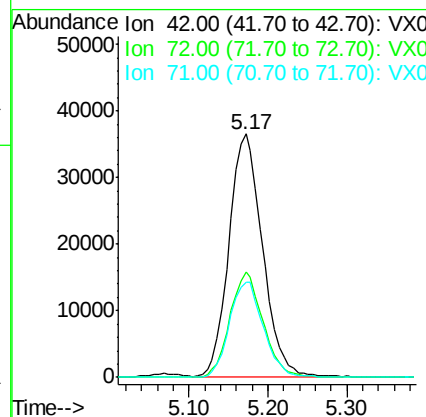
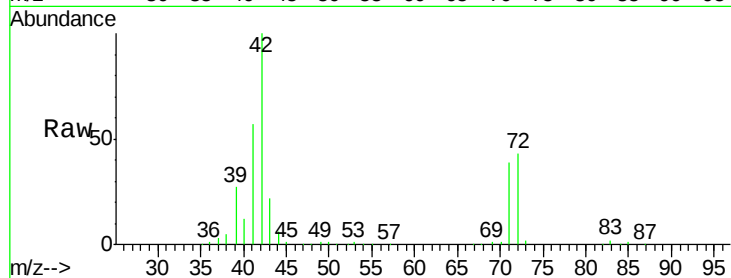




#29
Tetrahydrofuran
Concen: 101.03 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

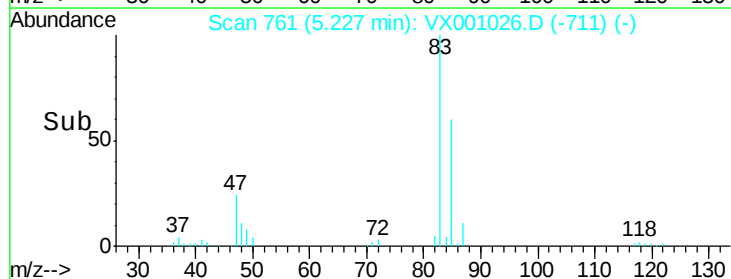
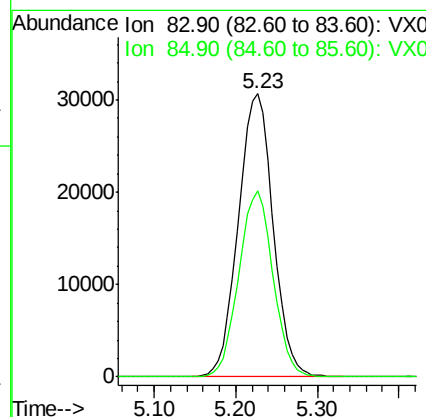
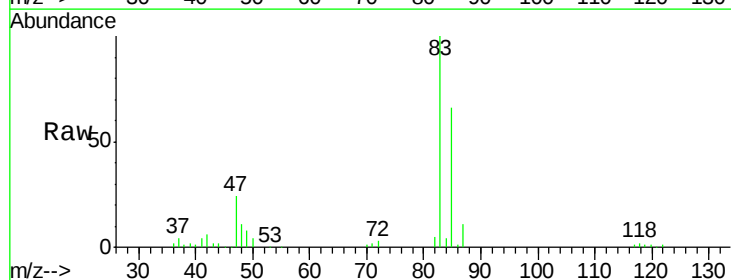
Instrument :
MSVOA_X
ClientSampled :

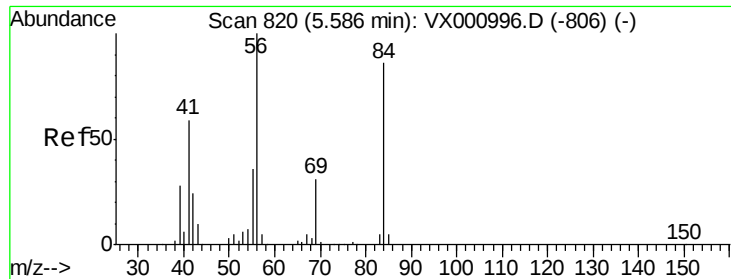
Tot Ion: 42 Resp: 107730
Ion Ratio Lower Upper
42 100
72 43.2 34.6 52.0
71 40.0 32.6 49.0



#30
Chloroform
Concen: 20.18 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Tgt Ion: 83 Resp: 90613
Ion Ratio Lower Upper
83 100
85 65.9 51.3 76.9





#31

Cyclohexane

Concen: 19.23 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :
MSVOA_X
ClientSampleId :

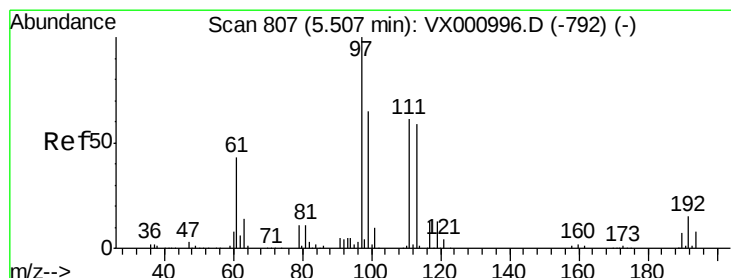
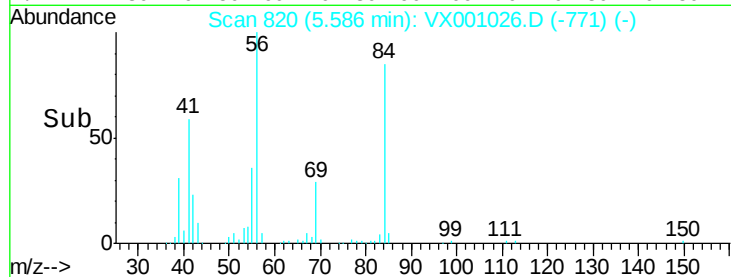
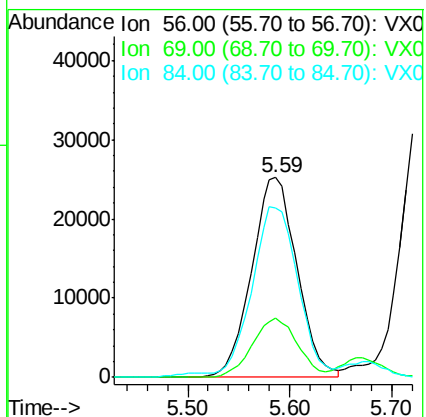
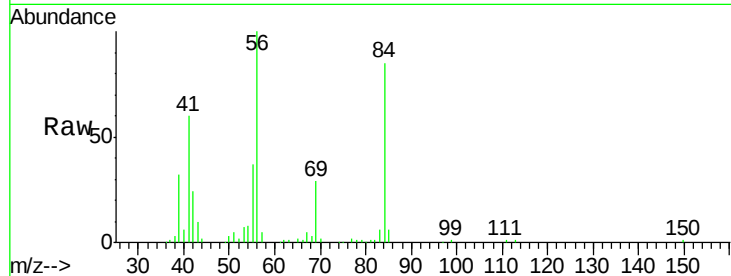
Tot Ion: 56 Resp: 77821

Ion Ratio Lower Upper

56 100

69 29.4 24.6 36.8

84 82.7 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 19.94 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

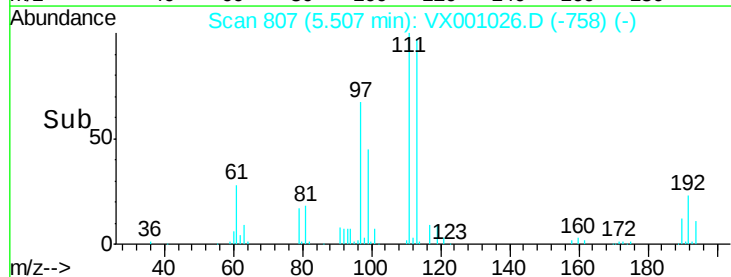
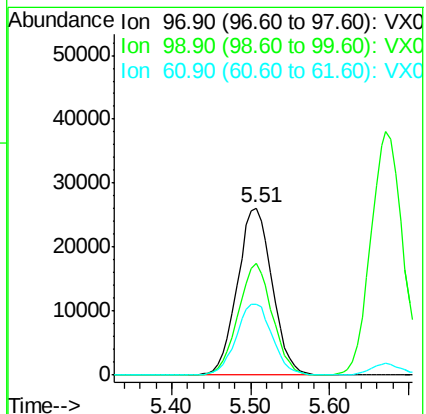
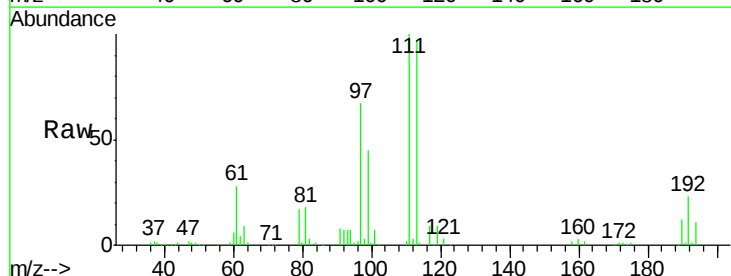
Tgt Ion: 97 Resp: 80265

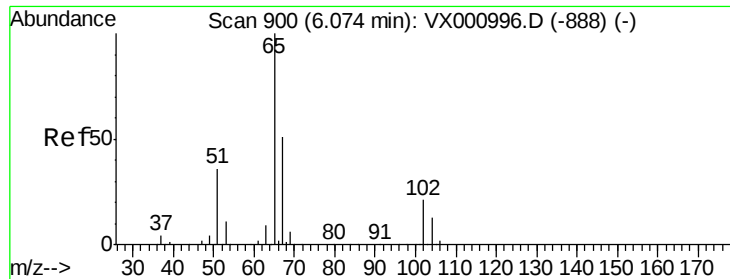
Ion Ratio Lower Upper

97 100

99 65.5 51.1 76.7

61 43.9 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 48.07 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

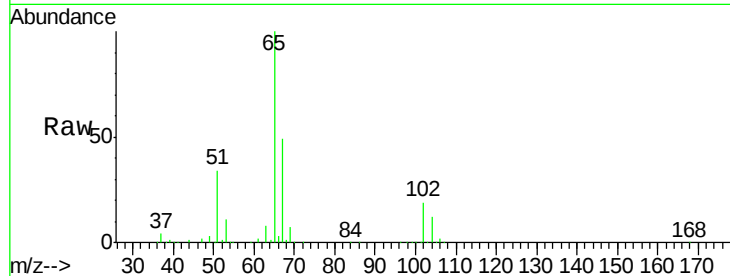
ClientSampleId :

Tot Ion: 65 Resp: 137999

Ion Ratio Lower Upper

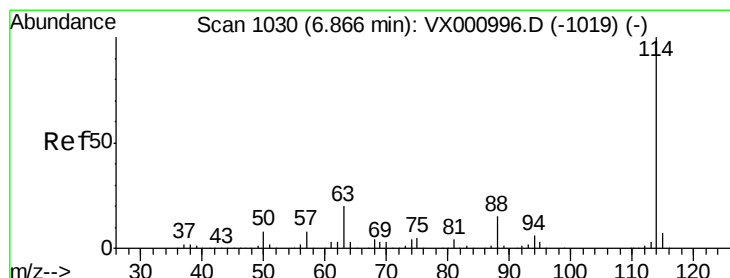
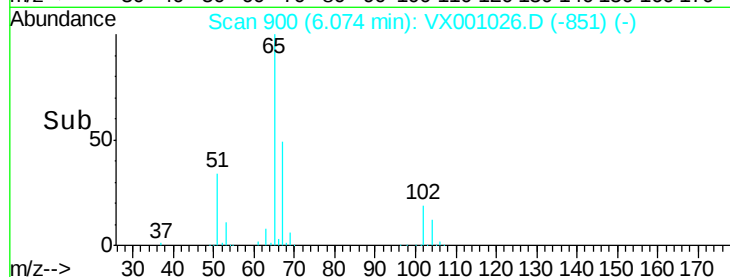
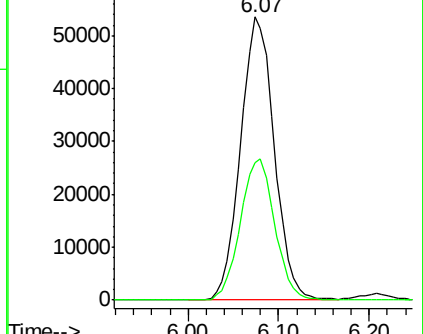
65 100

67 50.7 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: VX001026.D

Acq: 20 Apr 2018 23:30

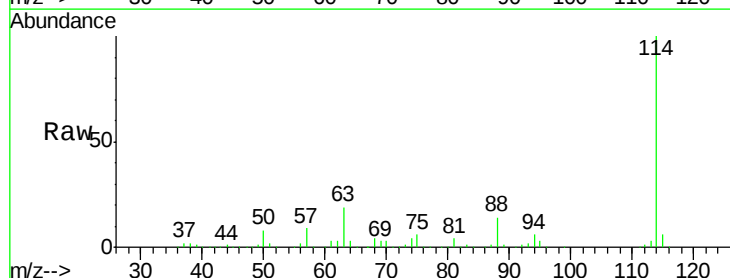
Tgt Ion: 114 Resp: 310054

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

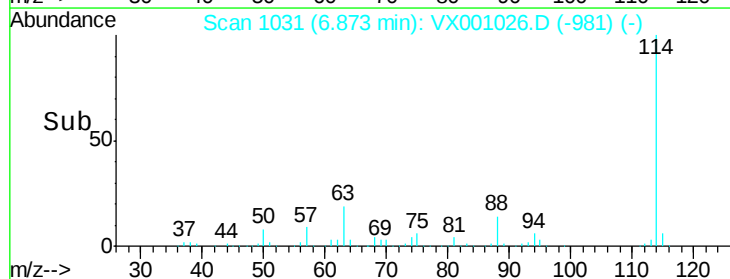
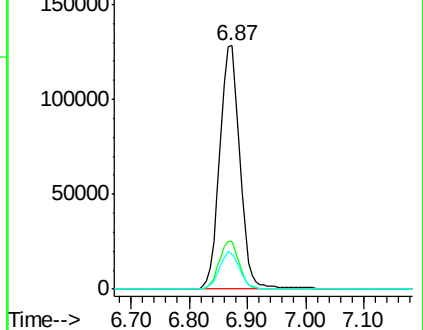
88 14.4 0.0 29.8

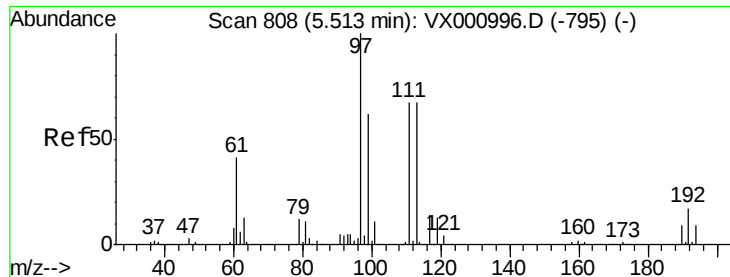


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

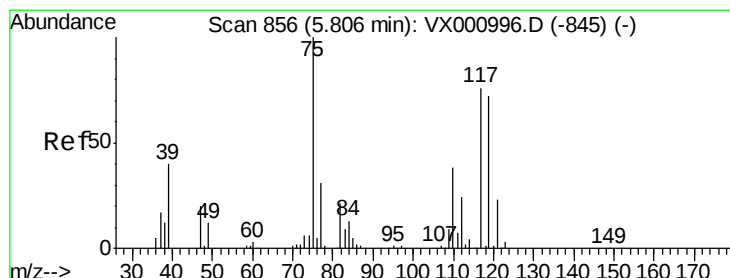
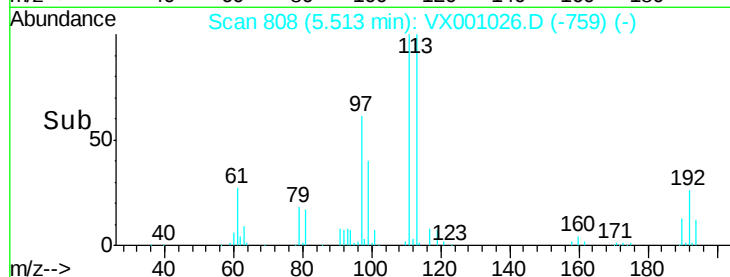
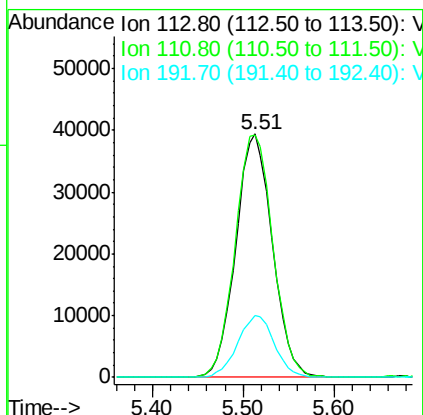
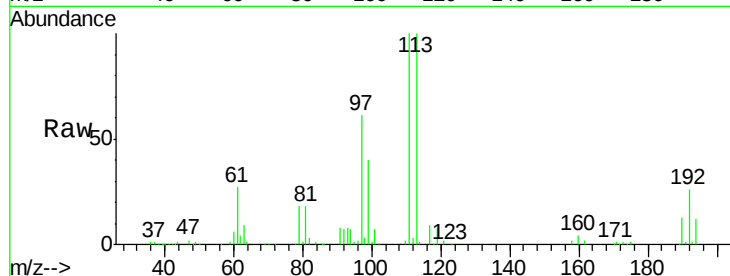




#35
 Dibromofluoromethane
 Concen: 46.50 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001026.D
 Acq: 20 Apr 2018 23:30

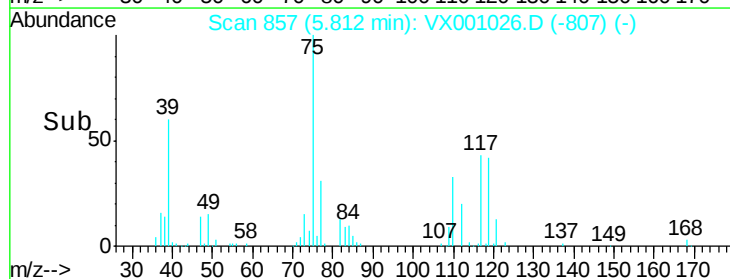
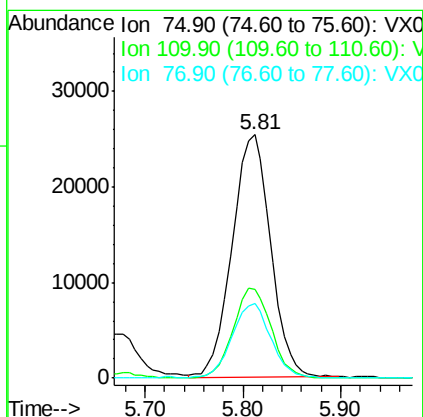
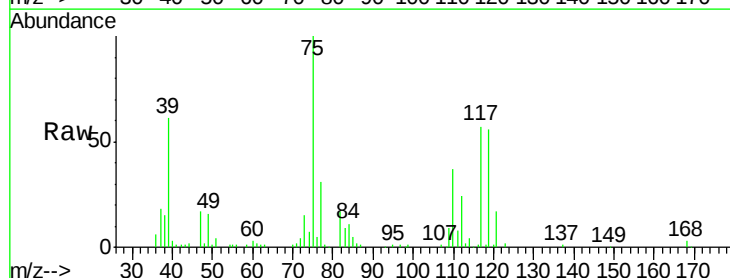
Instrument :
 MSVOA_X
 ClientSampleId :

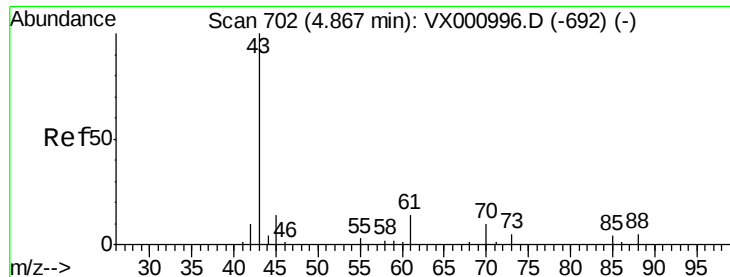
Tot Ion:113 Resp: 109948
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.2
 192 25.6 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 18.99 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VX001026.D
 Acq: 20 Apr 2018 23:30

Tgt Ion: 75 Resp: 69207
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.7 56.1
 77 31.3 25.0 37.4

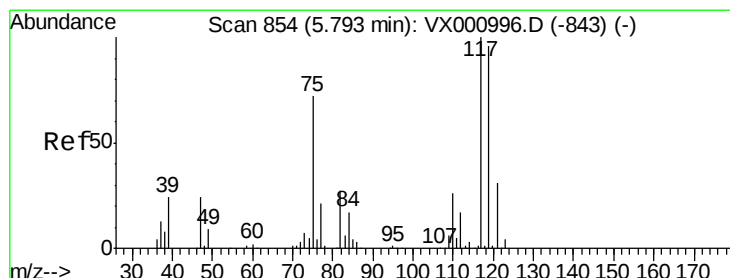
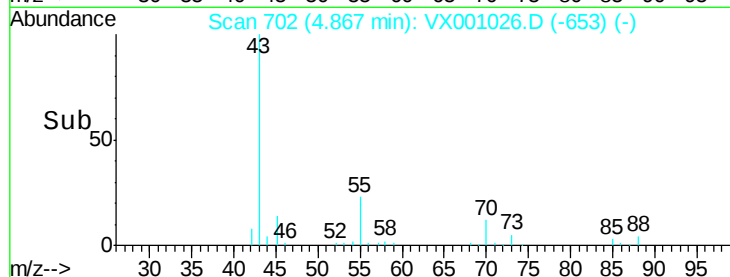
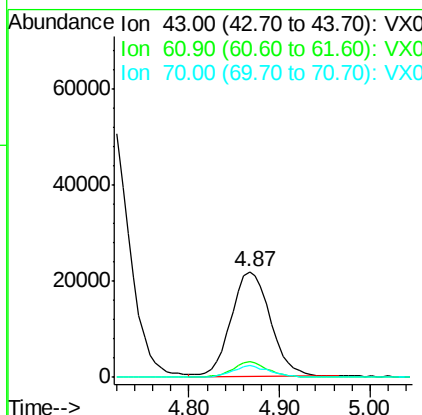
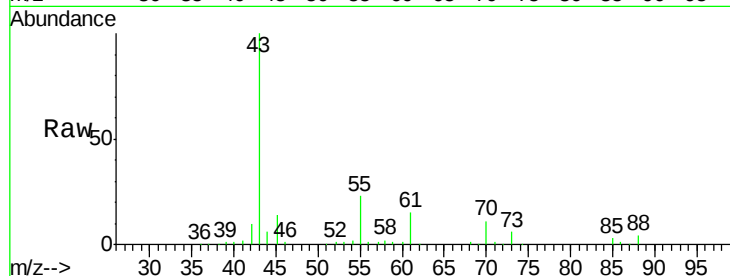




#37
Ethyl Acetate
Concen: 19.43 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

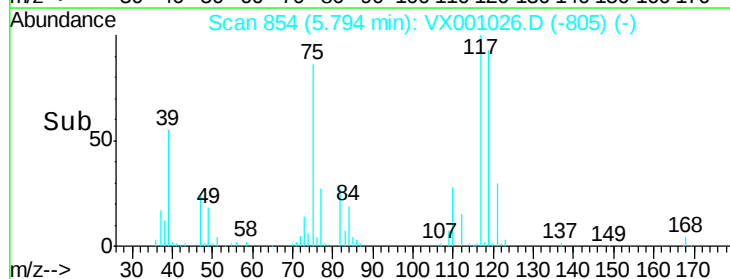
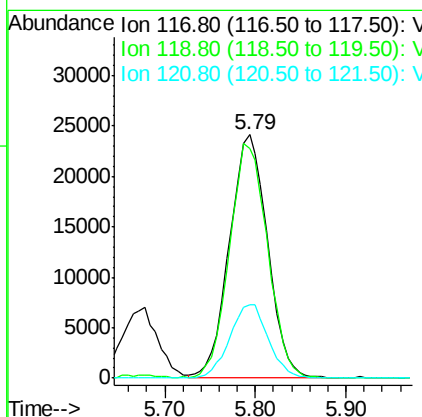
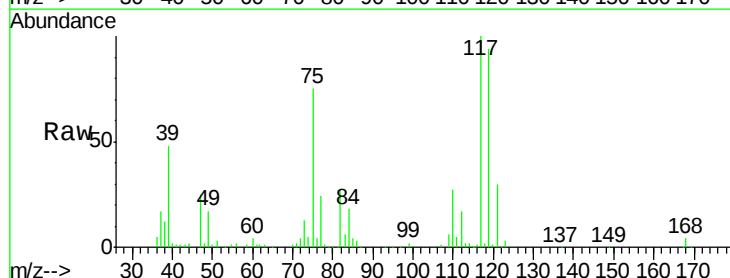
Instrument :
MSVOA_X
ClientSampled :

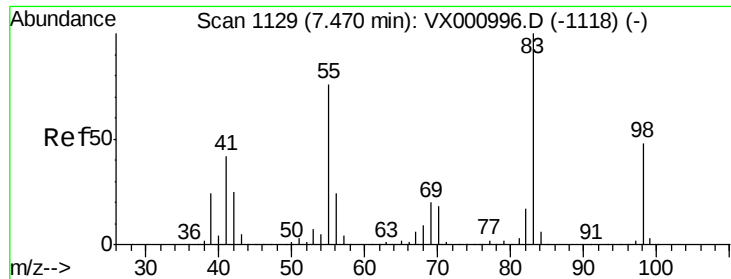
Tot Ion: 43 Resp: 64951
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.5 8.3 12.5



#38
Carbon Tetrachloride
Concen: 19.02 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Tgt Ion: 117 Resp: 70154
Ion Ratio Lower Upper
117 100
119 94.3 76.5 114.7
121 30.3 24.5 36.7

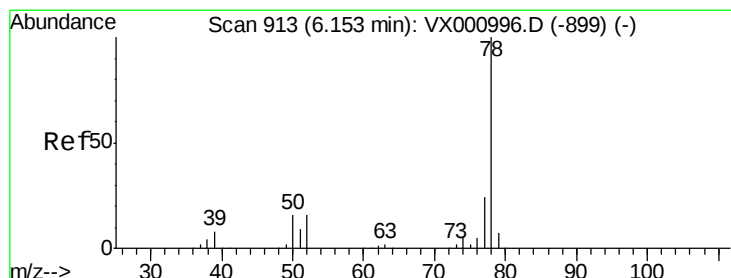
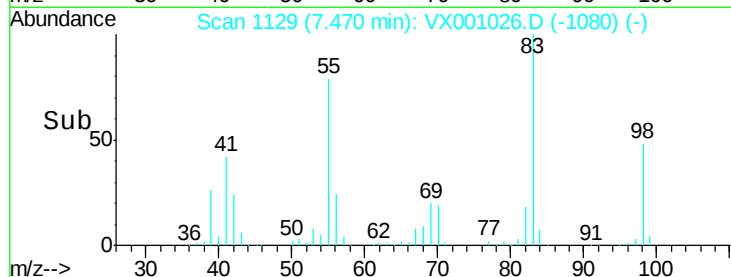
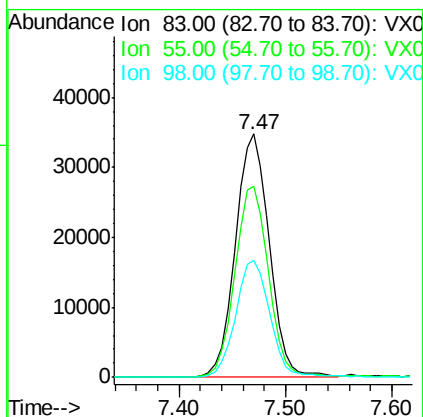
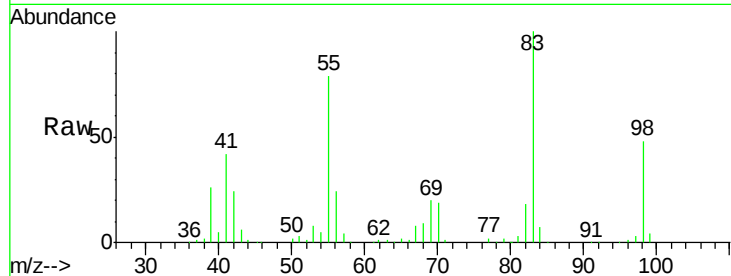




#39
Methvlcvclohexane
Concen: 18.40 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

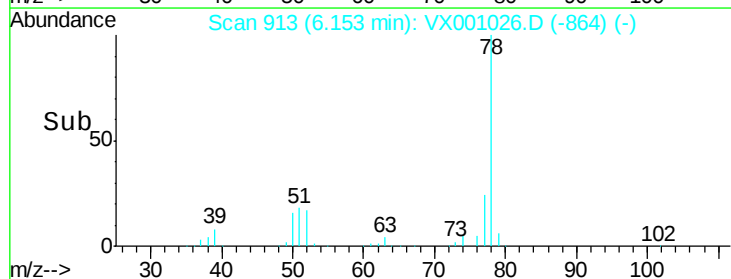
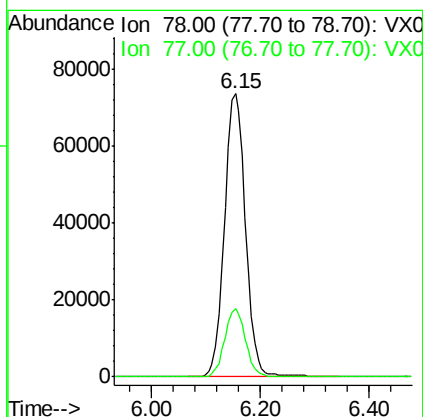
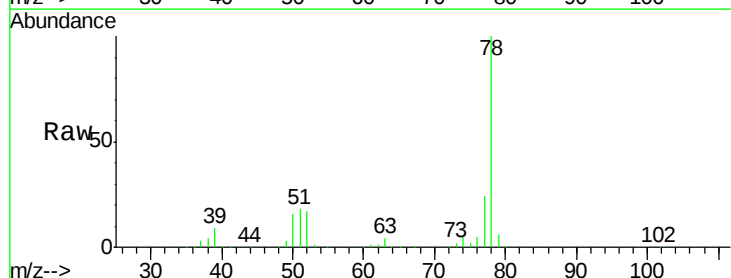
Instrument :
MSVOA_X
ClientSampled :

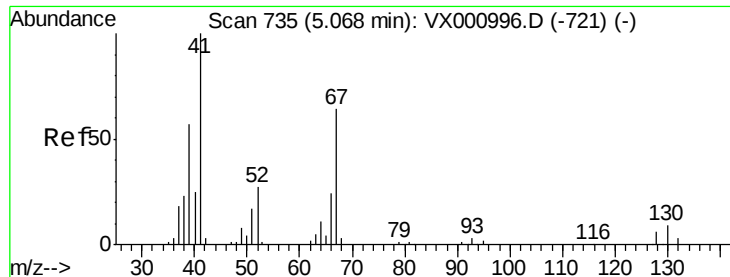
Tot Ion: 83 Resp: 78021
Ion Ratio Lower Upper
83 100
55 78.4 60.6 91.0
98 48.2 38.2 57.4



#40
Benzene
Concen: 19.59 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Tgt Ion: 78 Resp: 198448
Ion Ratio Lower Upper
78 100
77 24.3 18.9 28.3

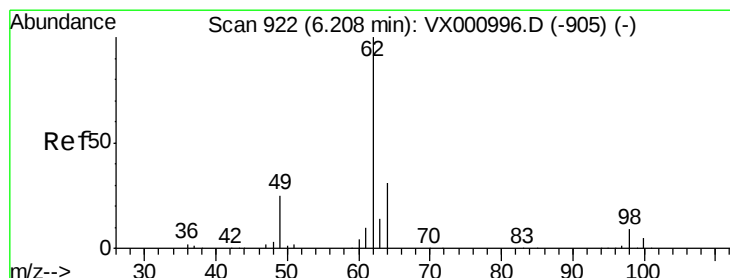
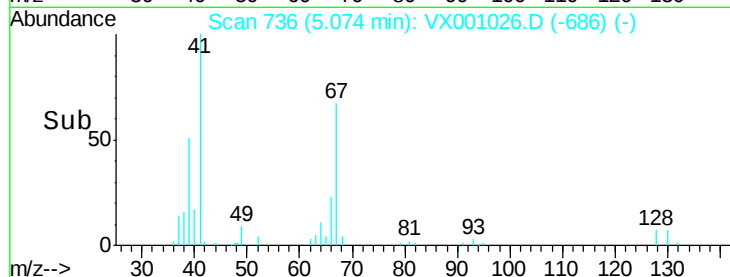
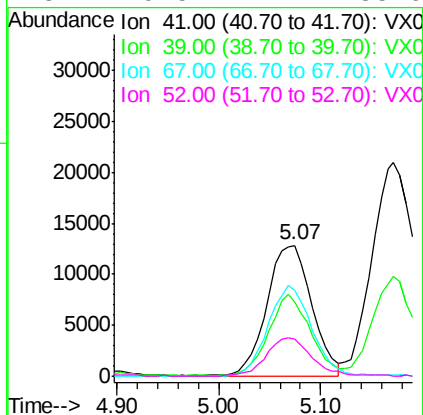
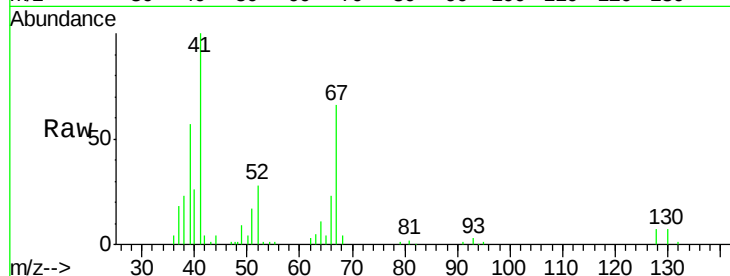




#41
Methacrylonitrile
Concen: 18.95 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

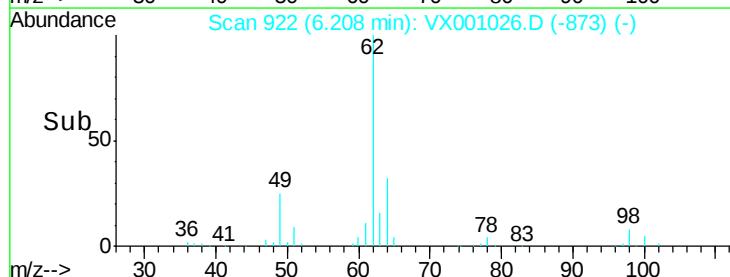
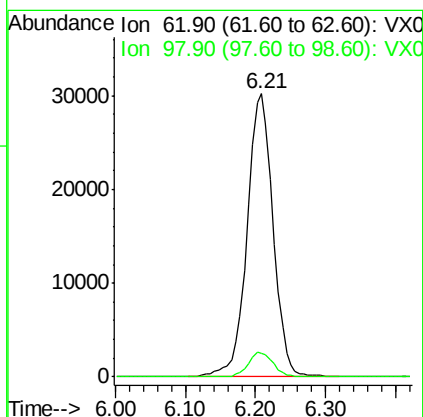
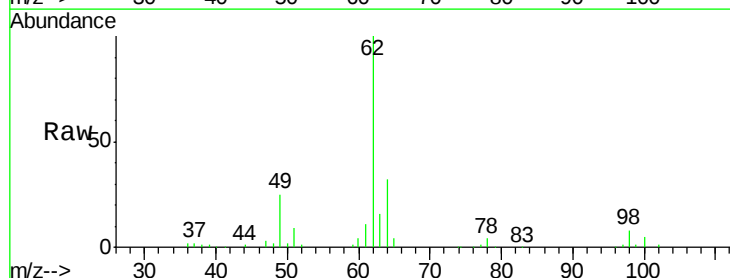
Instrument :
MSVOA_X
ClientSampled :

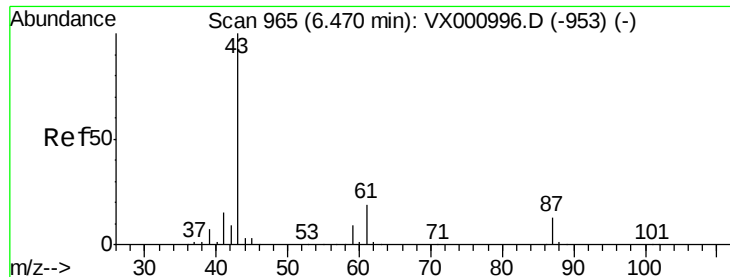
Tot Ion:	41	Resp:	39556
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.2	67.8
67	66.5	53.8	80.8
52	29.5	22.4	33.6



#42
1,2-Dichloroethane
Concen: 20.00 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Tgt Ion:	62	Resp:	77779
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.23 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

ClientSampled :

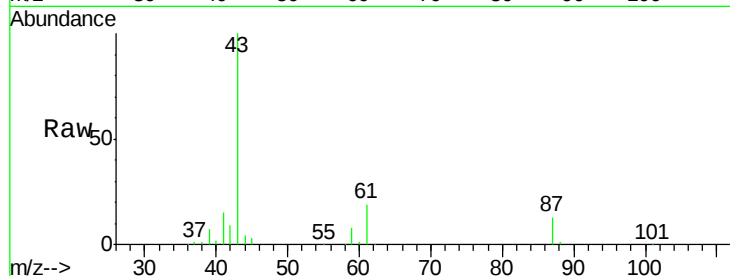
Tot Ion: 43 Resp: 110291

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.2

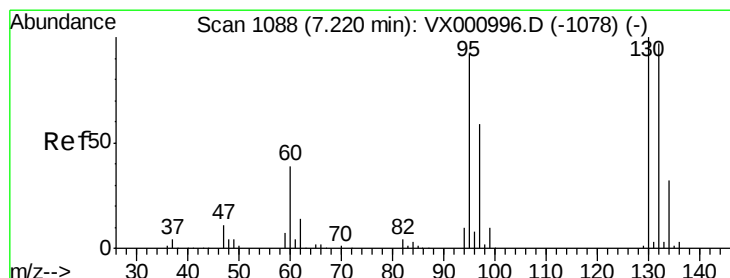
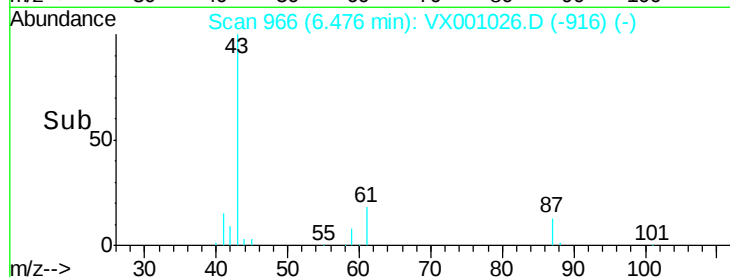
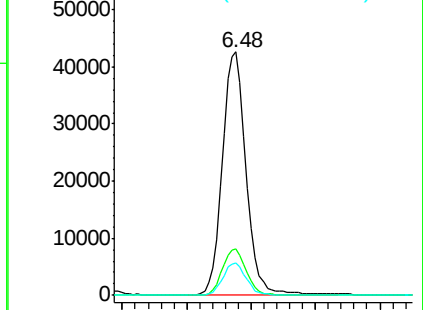
87 13.1 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX000996.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VX000996.D (-953) (-)

Ion 87.00 (86.70 to 87.70): VX000996.D (-953) (-)



#44

Trichloroethene

Concen: 19.25 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001026.D

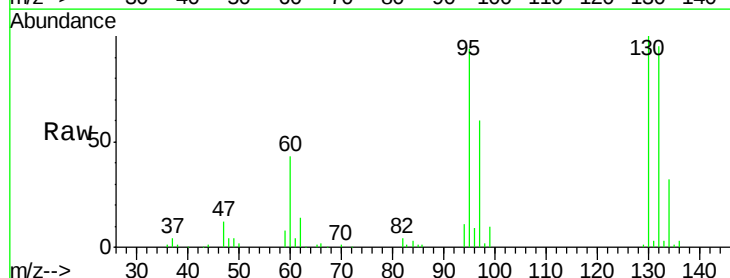
Acq: 20 Apr 2018 23:30

Tgt Ion:130 Resp: 59577

Ion Ratio Lower Upper

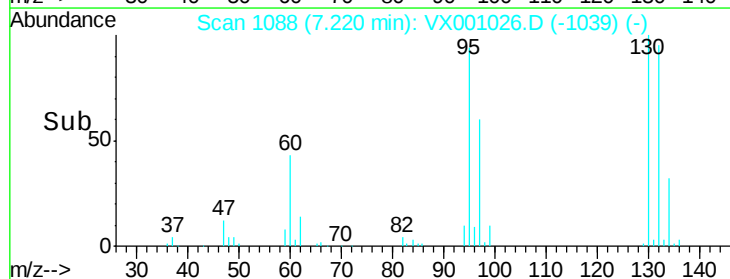
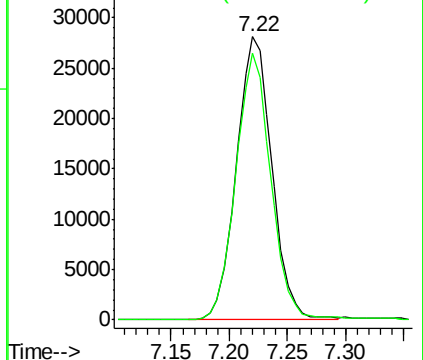
130 100

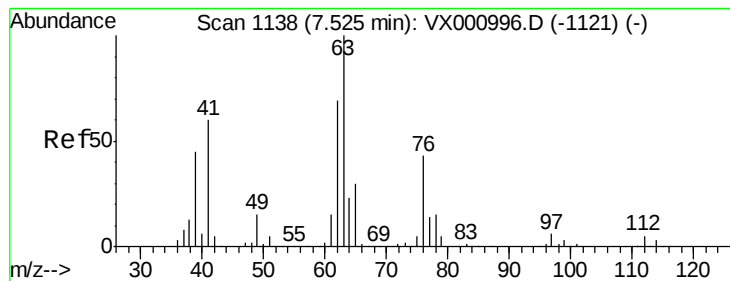
95 94.1 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VX000996.D (-1078) (-)

Ion 94.90 (94.60 to 95.60): VX000996.D (-1078) (-)





#45

1,2-Dichloropropane

Concen: 19.94 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

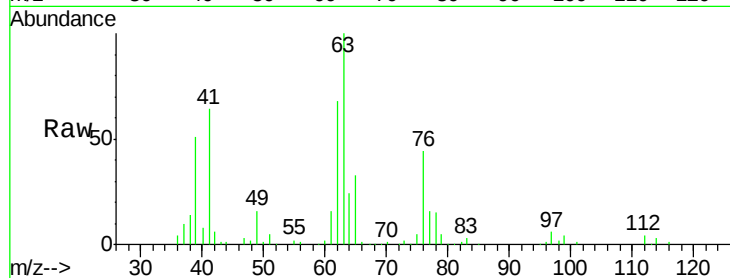
ClientSampleId :

Tot Ion: 63 Resp: 50788

Ion Ratio Lower Upper

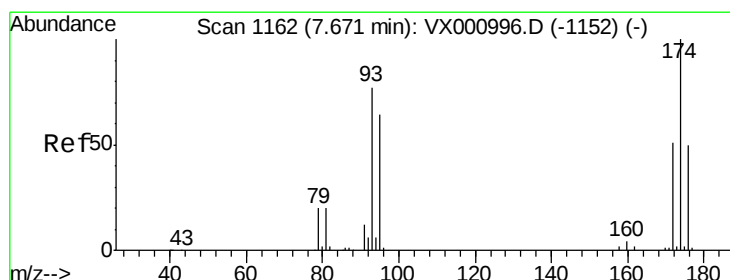
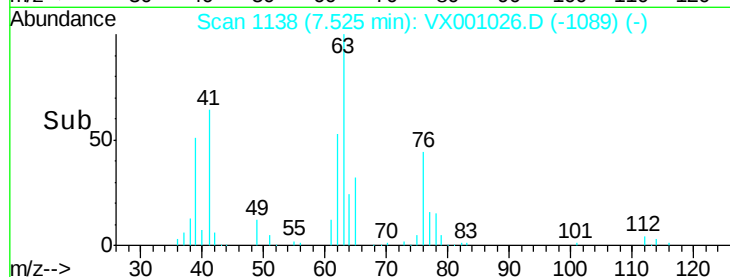
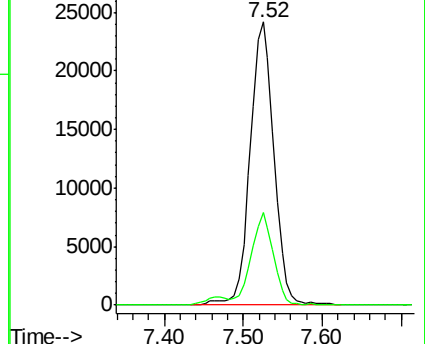
63 100

65 32.8 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.59 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

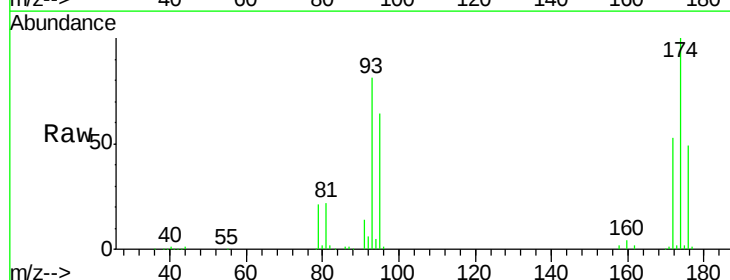
Tgt Ion: 93 Resp: 34865

Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

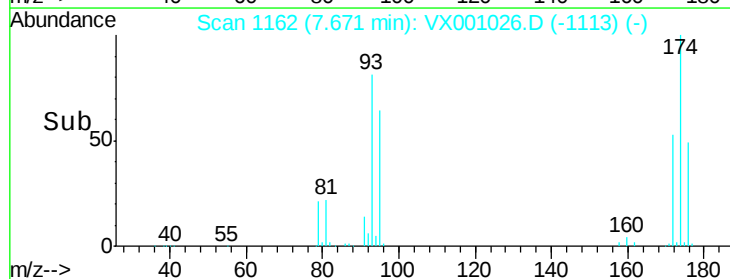
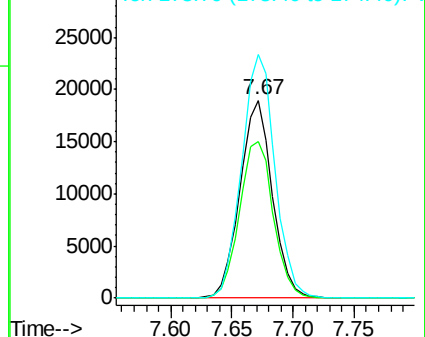
174 126.6 101.8 152.6

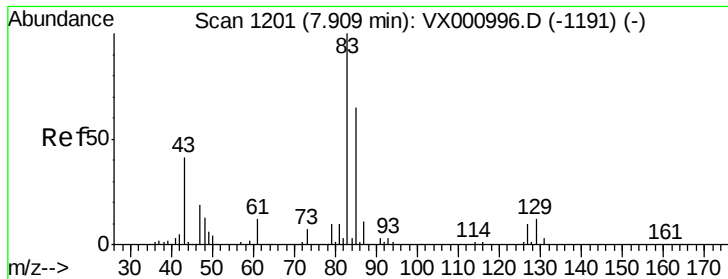


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.62 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :
MSVOA_X
ClientSampleId :

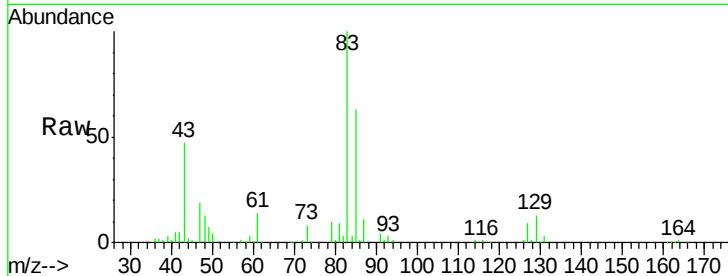
Tot Ion: 83 Resp: 64699

Ion Ratio Lower Upper

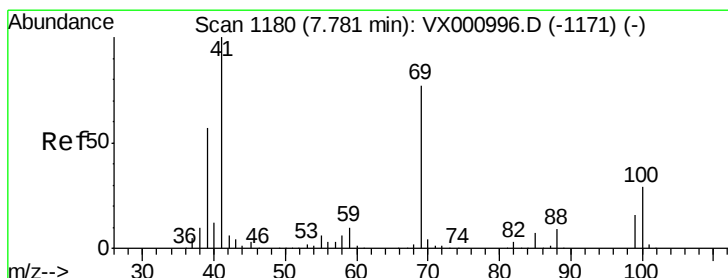
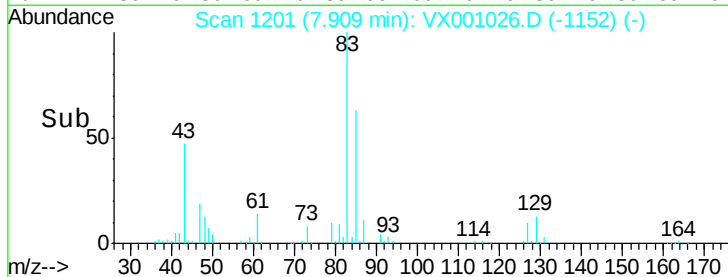
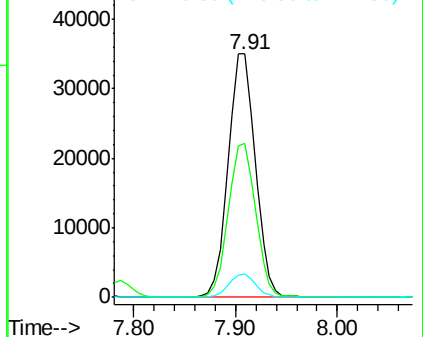
83 100

85 63.2 52.3 78.5

127 9.5 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: 19.34 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

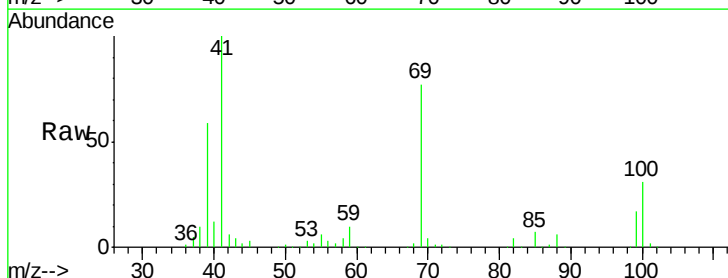
Tgt Ion: 41 Resp: 59713

Ion Ratio Lower Upper

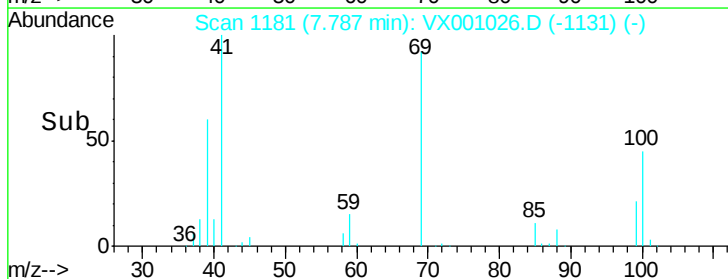
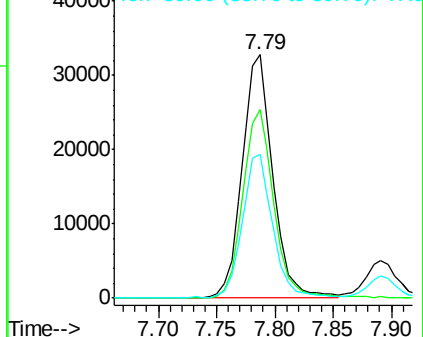
41 100

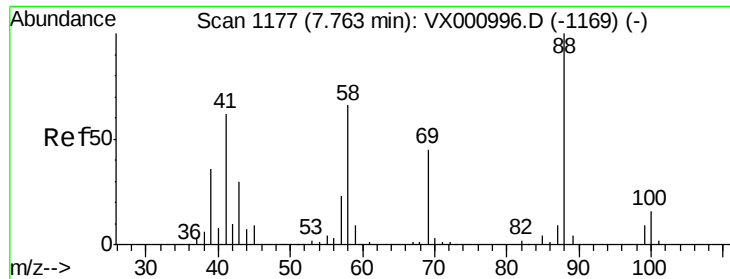
69 79.0 62.6 94.0

39 58.7 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

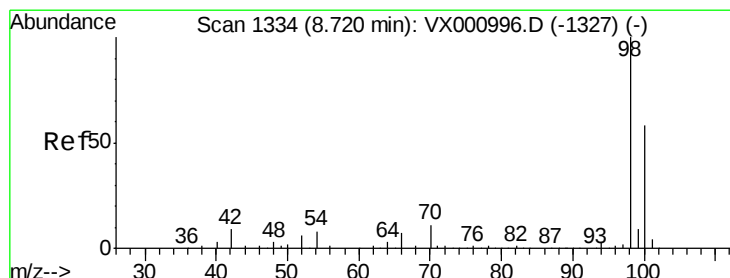
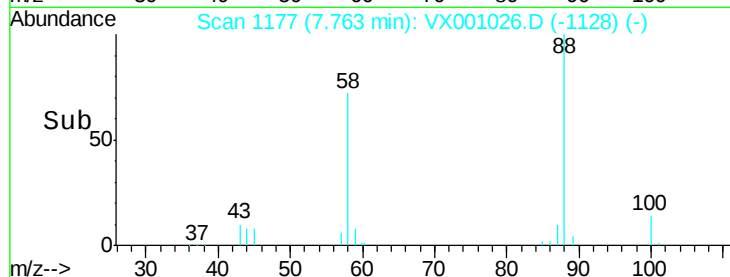
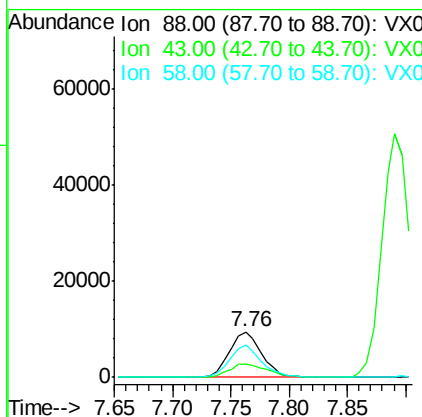
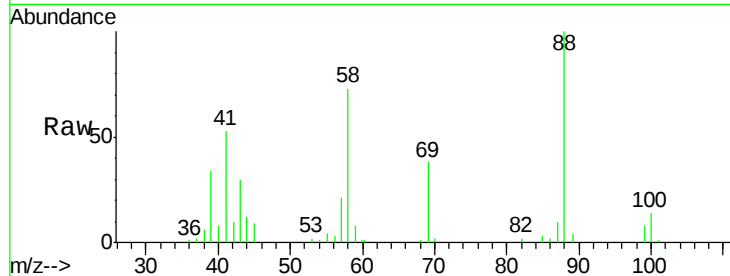




#49
1,4-Dioxane
Concen: 404.85 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

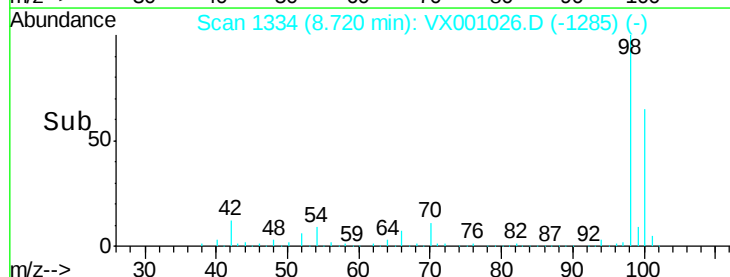
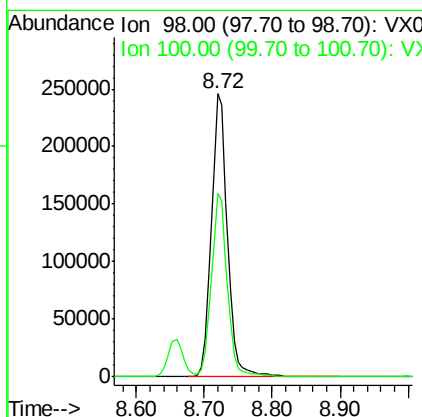
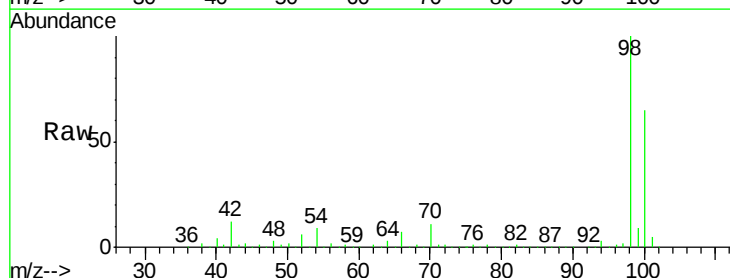
Instrument :
MSVOA_X
ClientSampleId :

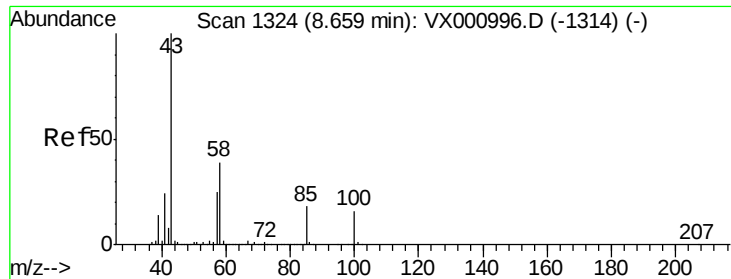
Tot Ion: 88 Resp: 18381
Ion Ratio Lower Upper
88 100
43 35.6 29.2 43.8
58 71.7 55.0 82.6



#50
Toluene-d8
Concen: 46.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Tgt Ion: 98 Resp: 402701
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

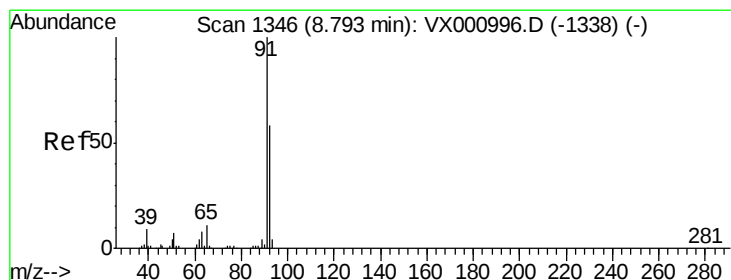
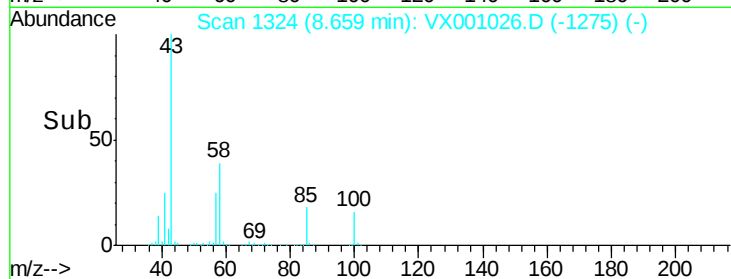
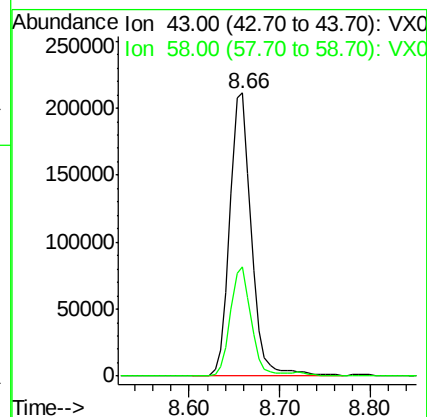
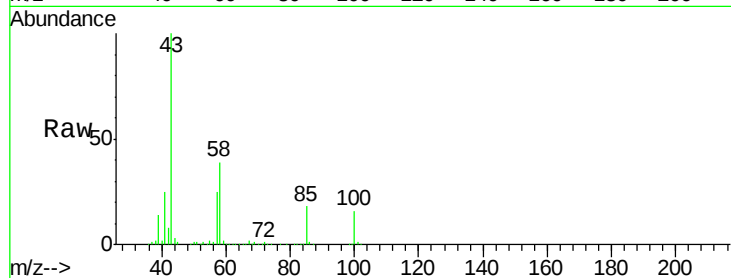




#51
 4-Methyl-2-Pentanone
 Concen: 100.72 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001026.D
 Acq: 20 Apr 2018 23:30

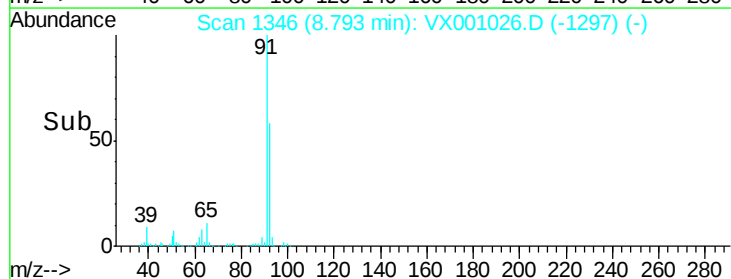
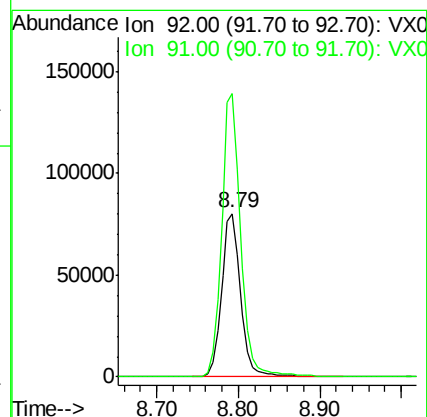
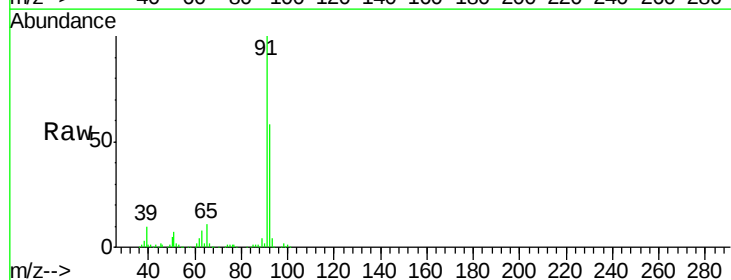
Instrument :
 MSVOA_X
 ClientSampleId :

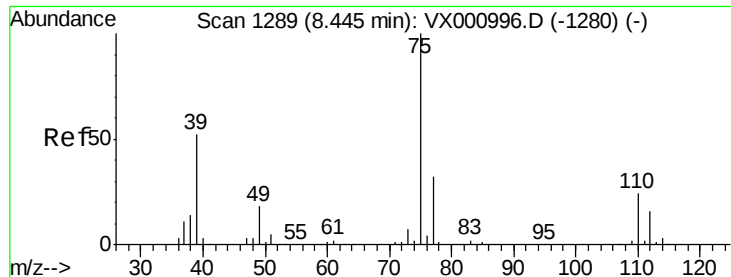
Tot Ion: 43 Resp: 350652
 Ion Ratio Lower Upper
 43 100
 58 36.9 30.2 45.4



#52
 Toluene
 Concen: 19.89 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001026.D
 Acq: 20 Apr 2018 23:30

Tgt Ion: 92 Resp: 131497
 Ion Ratio Lower Upper
 92 100
 91 173.4 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 19.29 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

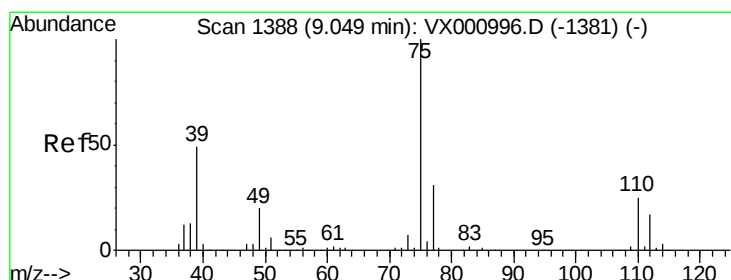
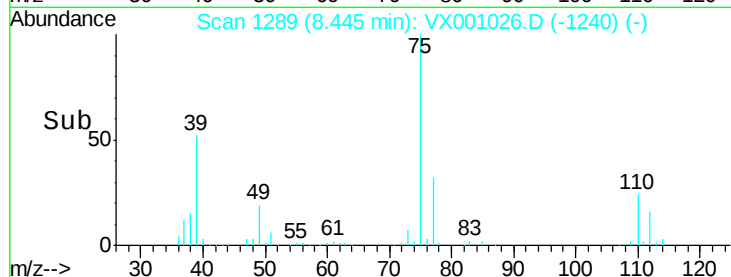
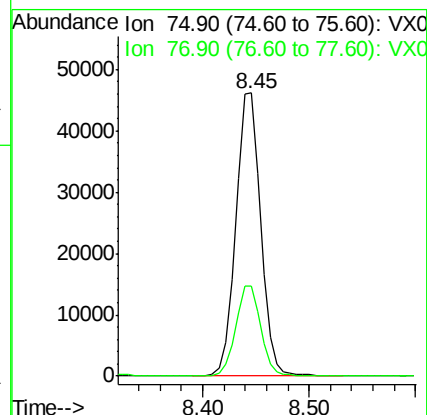
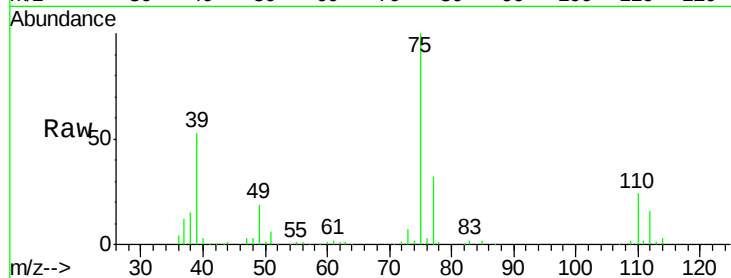
ClientSampled :

Tot Ion: 75 Resp: 76041

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 18.59 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

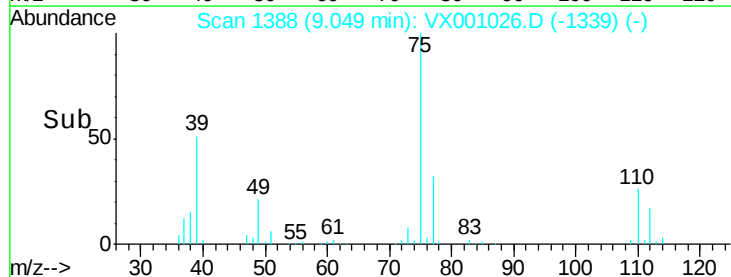
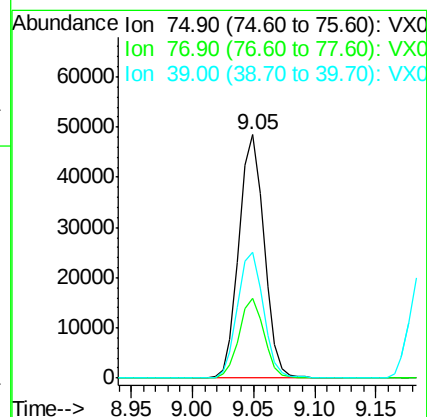
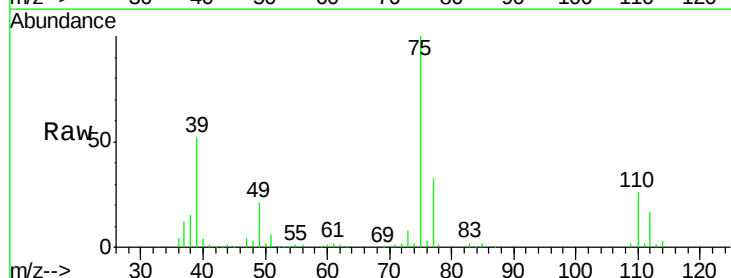
Tgt Ion: 75 Resp: 69129

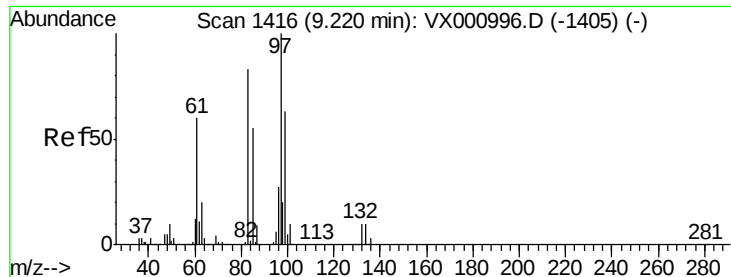
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6

39 51.5 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 19.83 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 52114

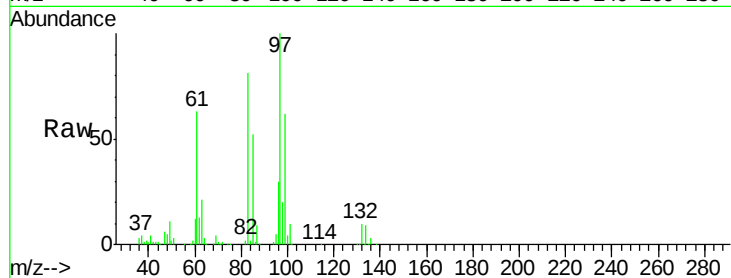
Ion Ratio Lower Upper

97 100

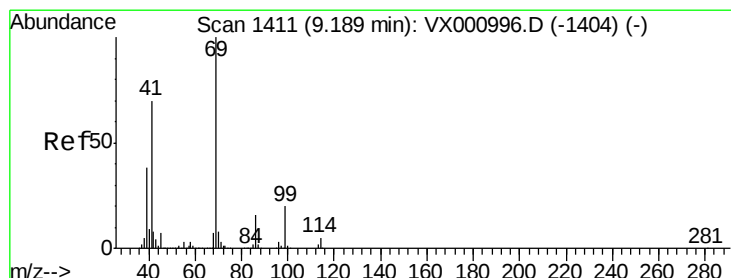
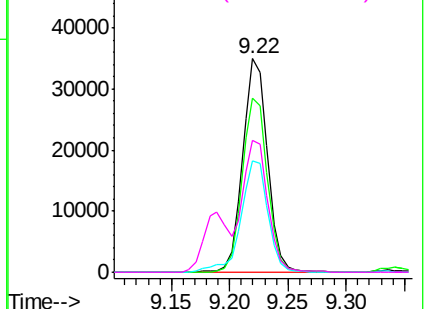
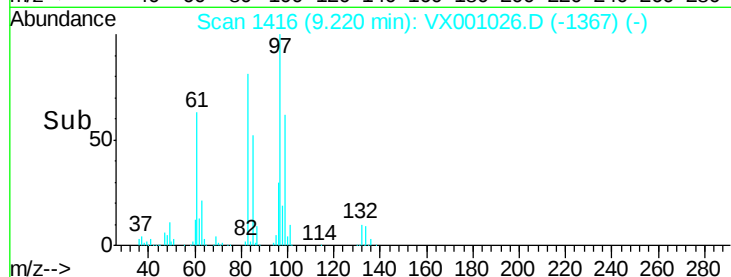
83 81.5 66.2 99.4

85 52.3 44.2 66.4

99 61.4 50.2 75.4



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



#56

Ethyl methacrylate

Concen: 19.48 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

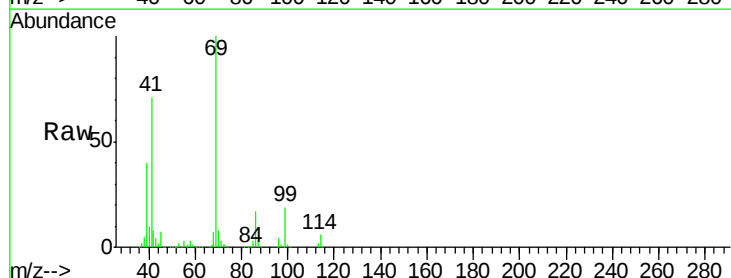
Tgt Ion: 69 Resp: 75193

Ion Ratio Lower Upper

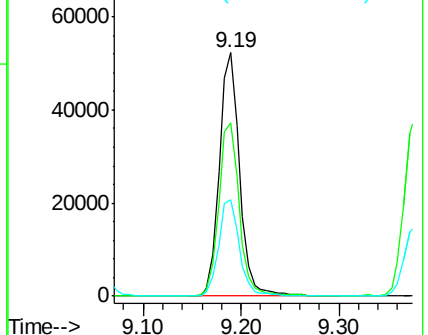
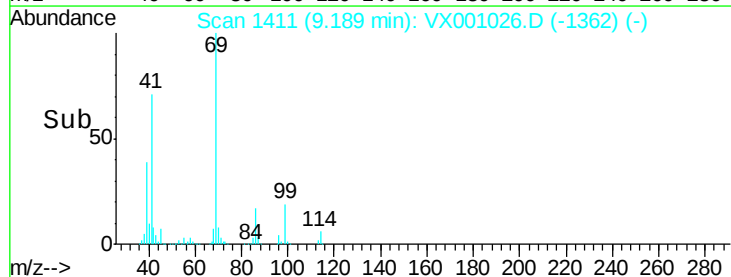
69 100

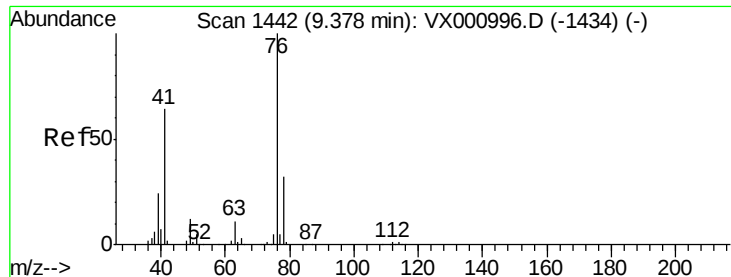
41 71.8 56.3 84.5

39 39.9 30.4 45.6



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

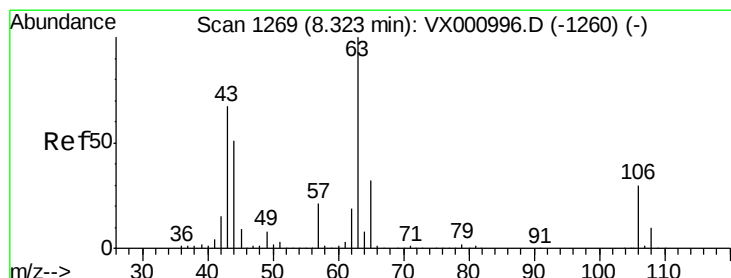
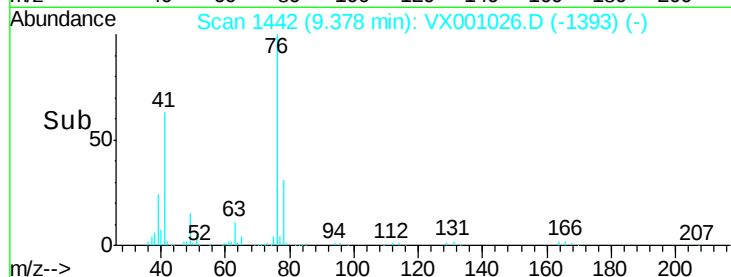
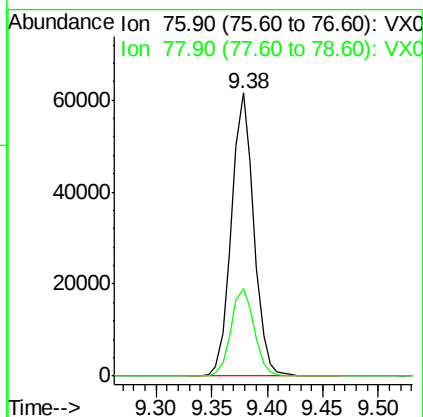
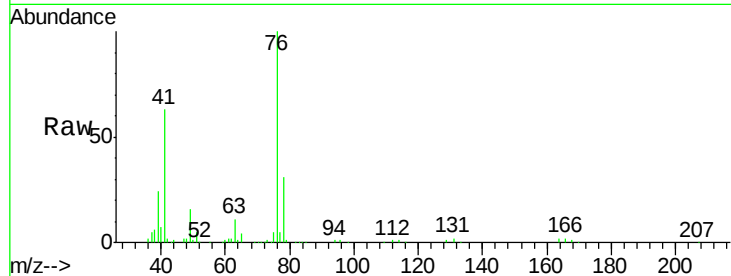




#57
 1,3-Dichloropropane
 Concen: 19.69 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001026.D
 Acq: 20 Apr 2018 23:30

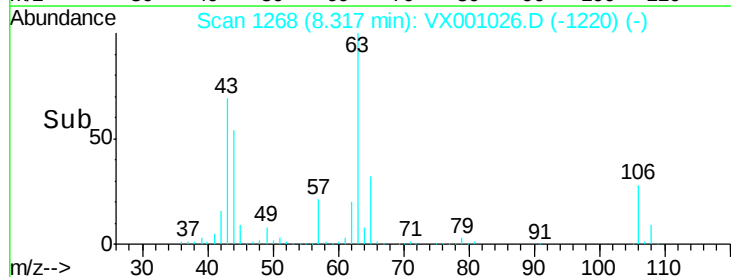
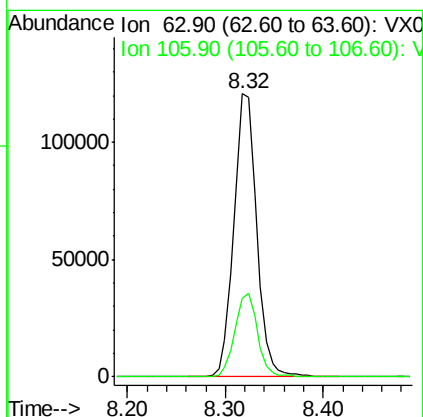
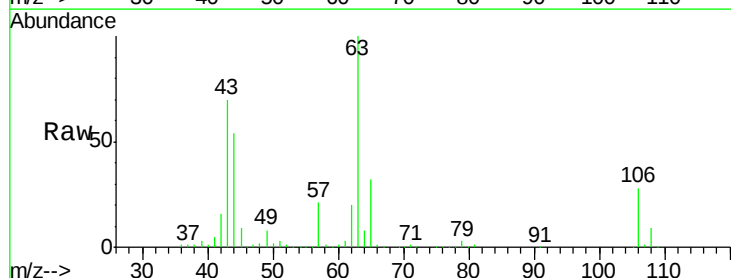
Instrument :
 MSVOA_X
 ClientSampleId :

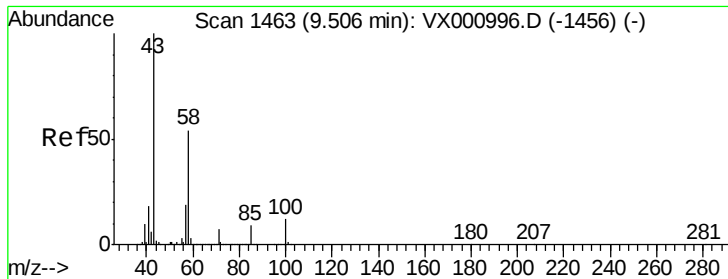
Tot Ion: 76 Resp: 85704
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.04 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001026.D
 Acq: 20 Apr 2018 23:30

Tgt Ion: 63 Resp: 195987
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.8 35.6

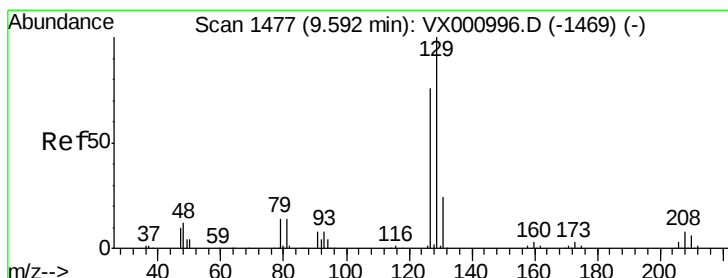
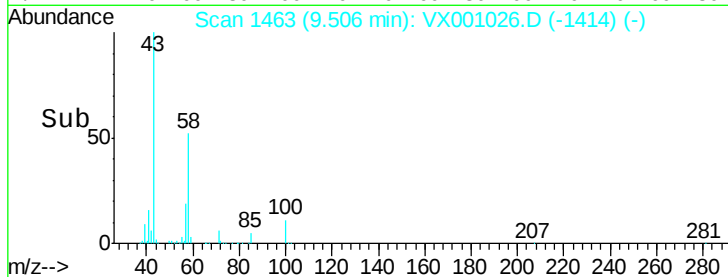
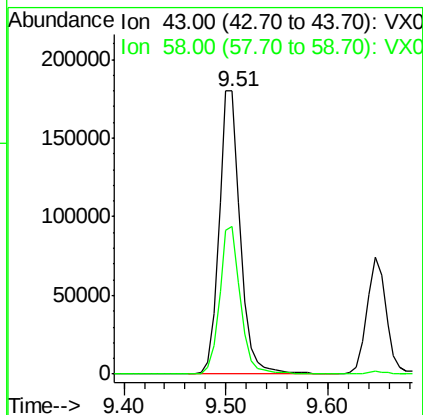
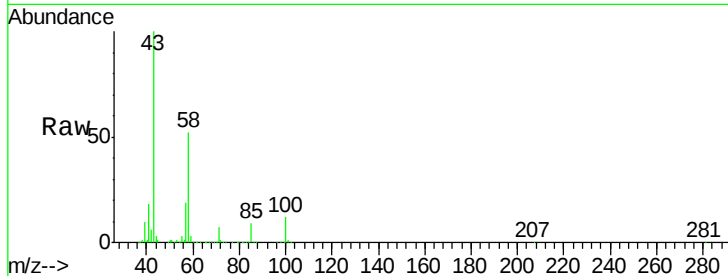




#59
2-Hexanone
Concen: 97.92 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

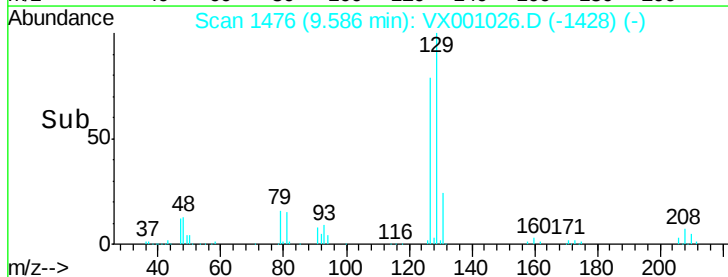
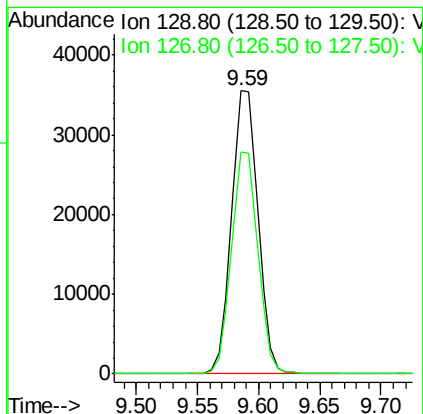
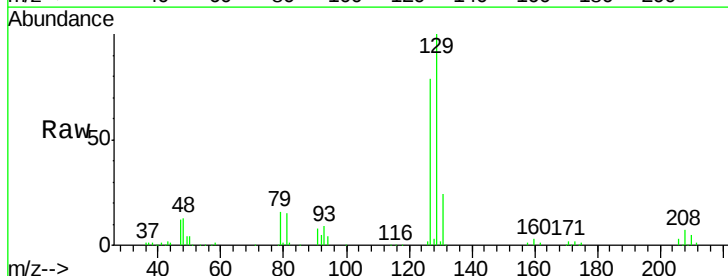
Instrument :
MSVOA_X
ClientSampleId :

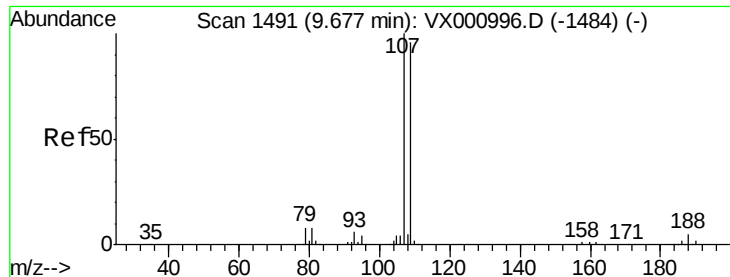
Tot Ion: 43 Resp: 260939
Ion Ratio Lower Upper
43 100
58 51.5 26.3 78.9



#60
Dibromochloromethane
Concen: 19.22 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Tgt Ion: 129 Resp: 53060
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.87 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

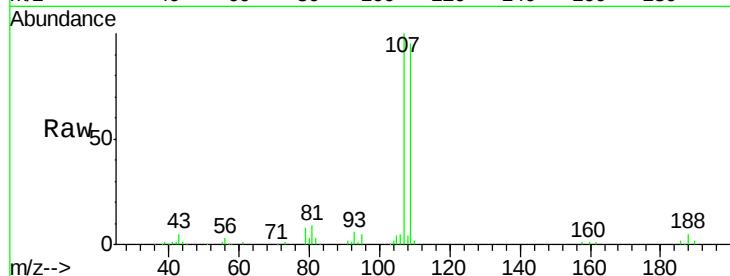
ClientSampleId :

Tot Ion:107 Resp: 55115

Ion Ratio Lower Upper

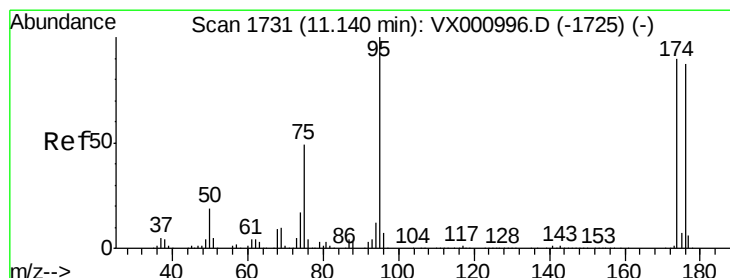
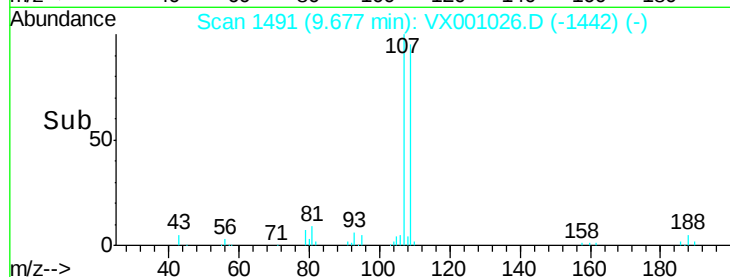
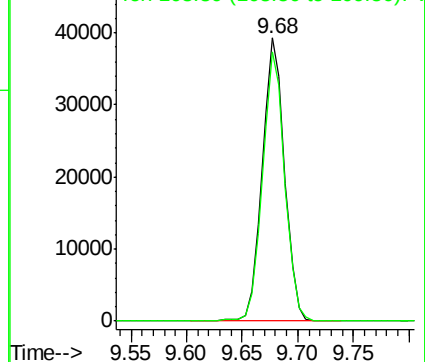
107 100

109 95.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

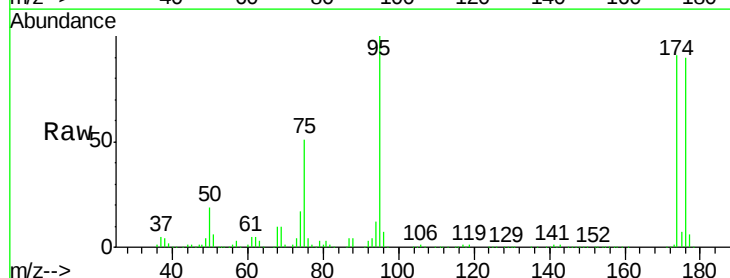
Tgt Ion: 95 Resp: 165611

Ion Ratio Lower Upper

95 100

174 98.2 0.0 198.4

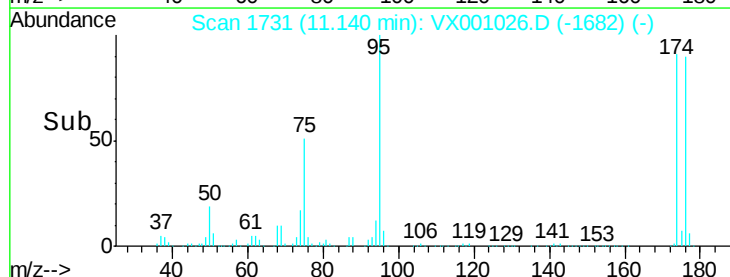
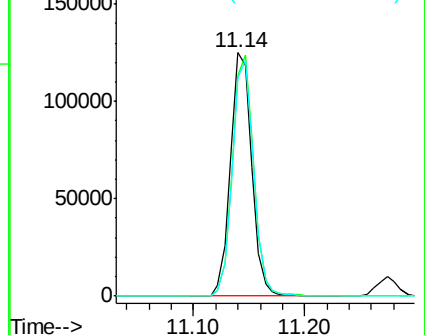
176 96.5 0.0 192.0

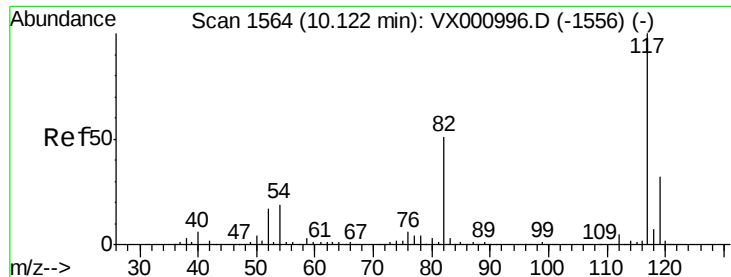


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

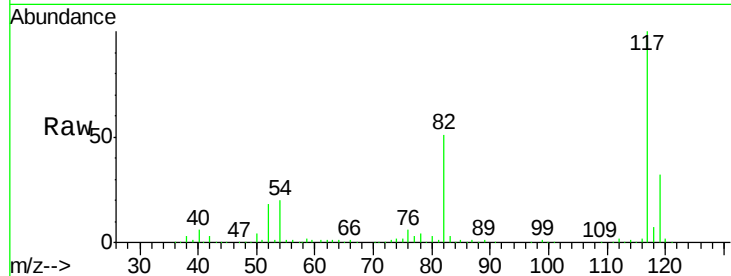




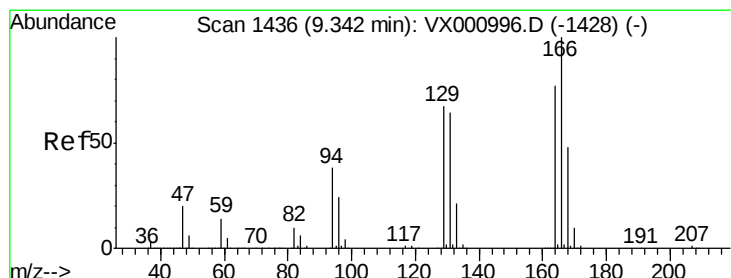
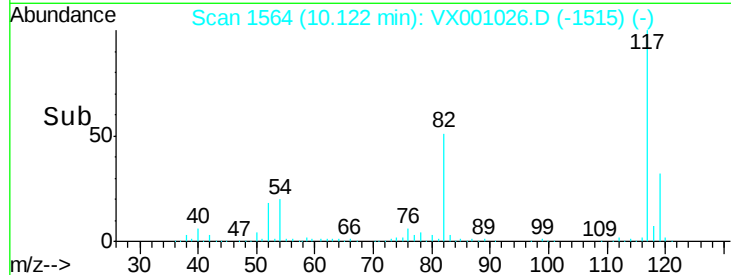
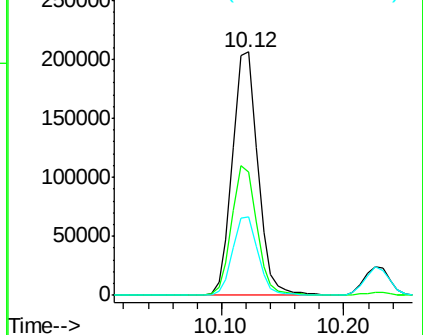
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 297166
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 32.2 26.0 39.0

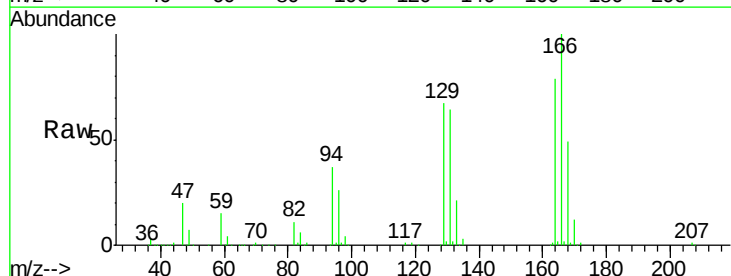


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

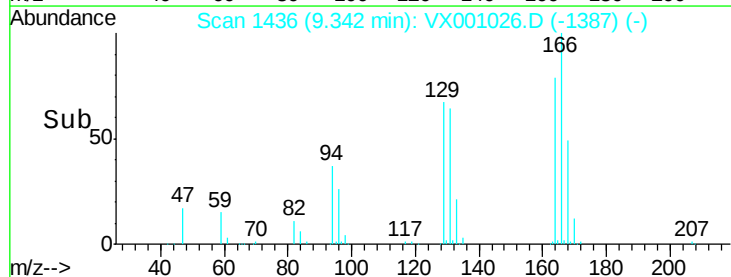
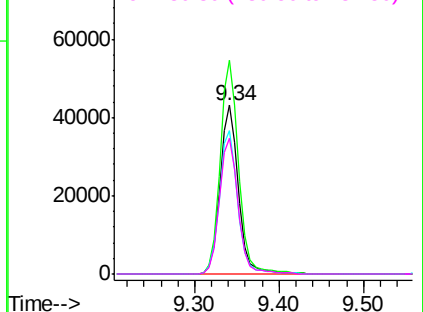


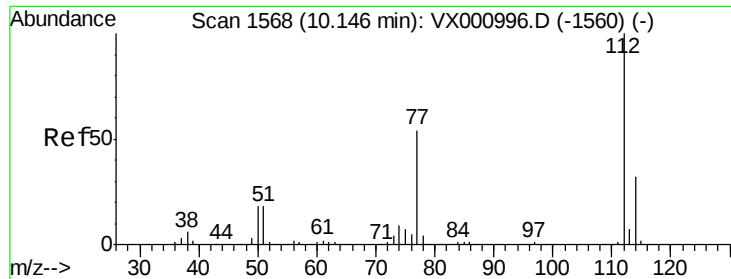
#64
Tetrachloroethene
Concen: 20.57 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Tgt Ion:164 Resp: 64901
Ion Ratio Lower Upper
164 100
166 126.7 103.5 155.3
129 85.1 69.6 104.4
131 80.9 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: 19.38 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

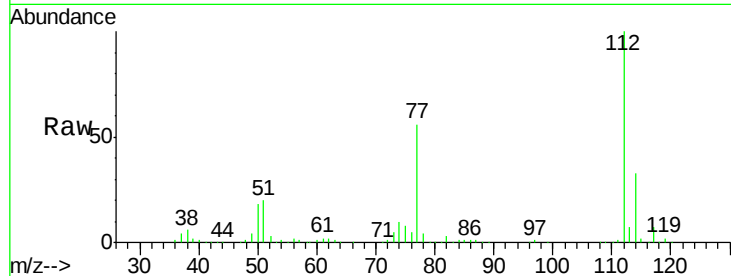
ClientSampled :

Tot Ion:112 Resp: 153374

Ion Ratio Lower Upper

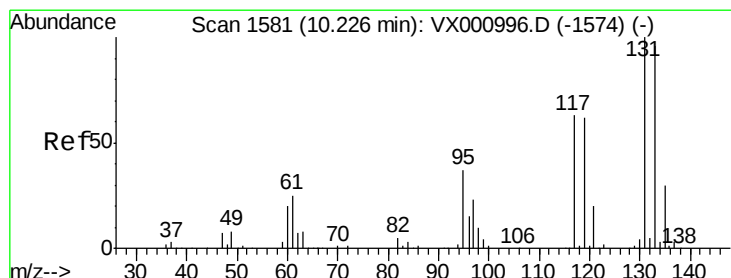
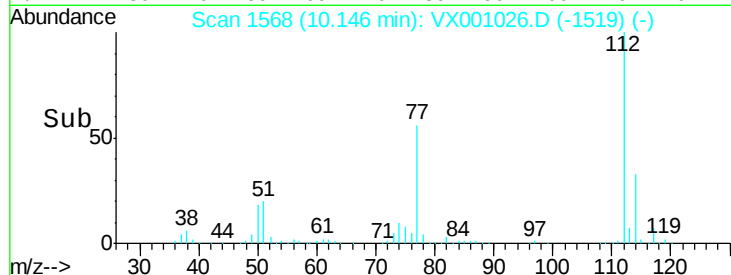
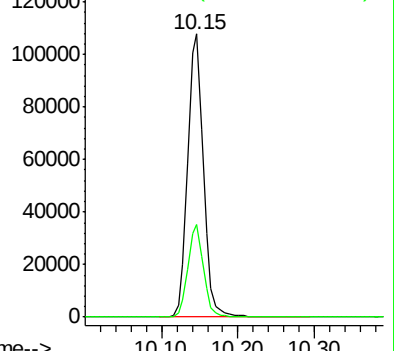
112 100

114 32.7 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: 19.54 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

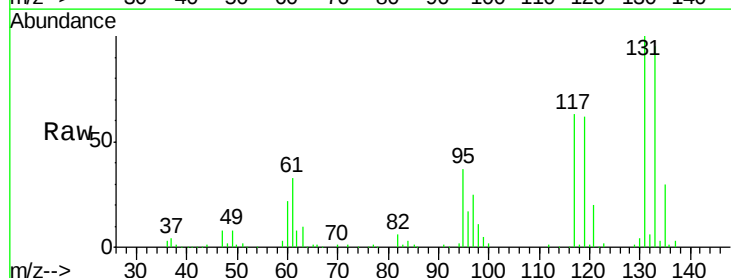
Tgt Ion:131 Resp: 53066

Ion Ratio Lower Upper

131 100

133 96.7 47.6 142.8

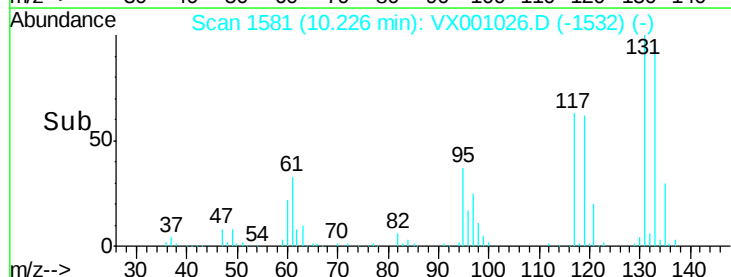
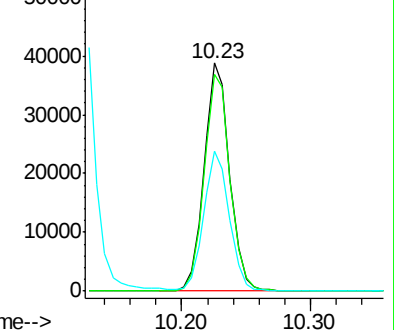
119 62.4 31.1 93.2

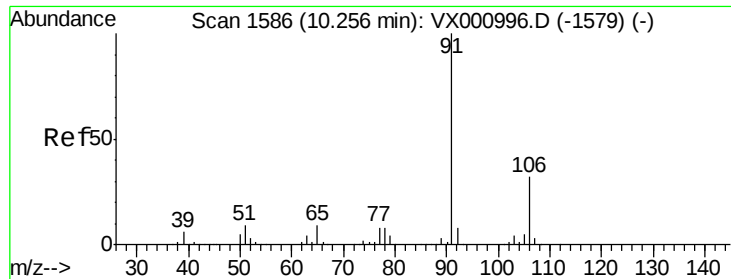


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.42 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

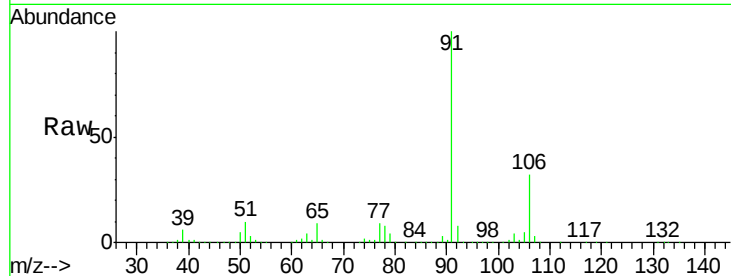
ClientSampleId :

Tot Ion: 91 Resp: 255154

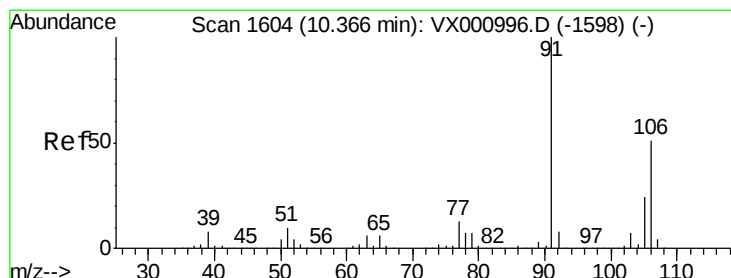
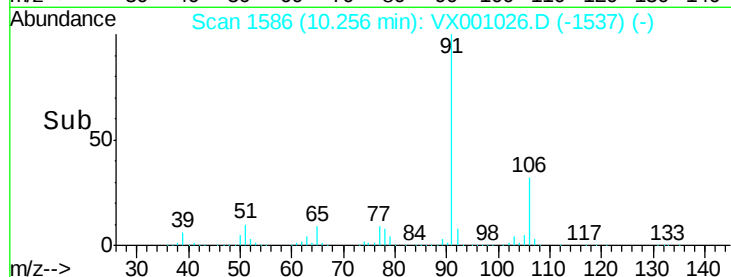
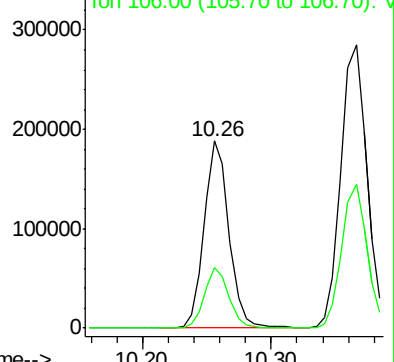
Ion Ratio Lower Upper

91 100

106 32.4 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1579) (-)



#68

m/p-Xylenes

Concen: 38.55 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001026.D

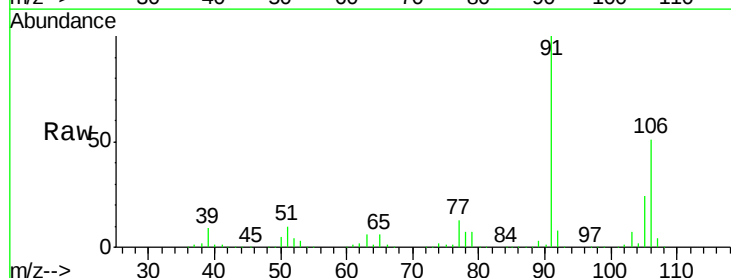
Acq: 20 Apr 2018 23:30

Tgt Ion: 106 Resp: 199629

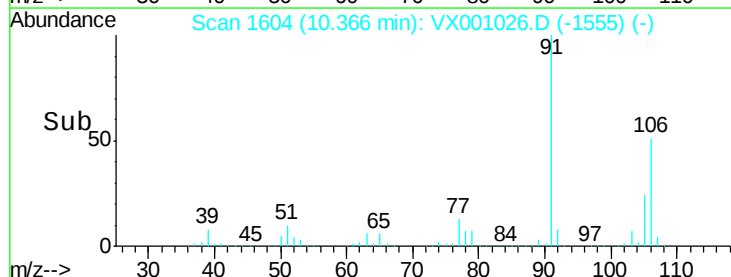
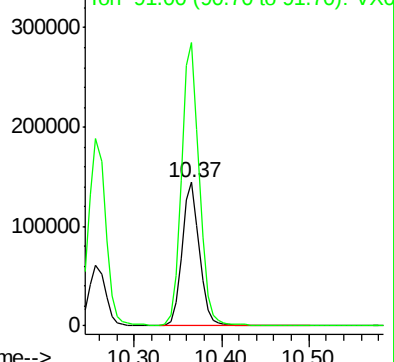
Ion Ratio Lower Upper

106 100

91 202.6 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): VX000996.D (-1598) (-)

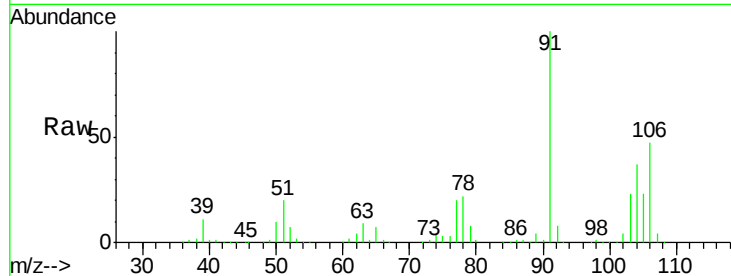




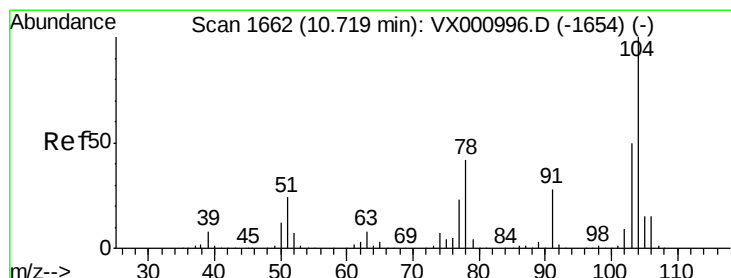
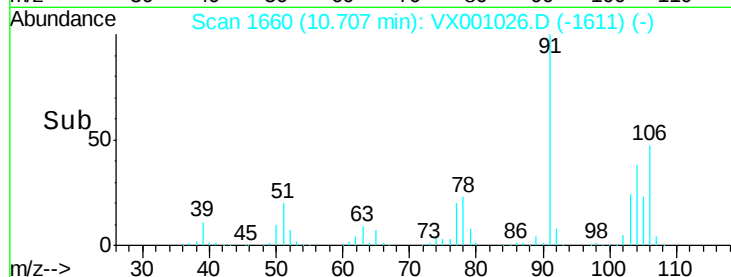
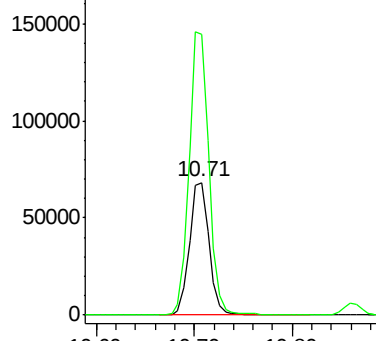
#69
o-Xylene
Concen: 19.07 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 95204
Ion Ratio Lower Upper
106 100
91 214.4 105.1 315.1

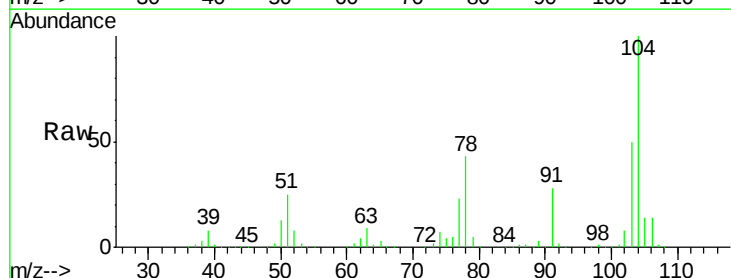


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

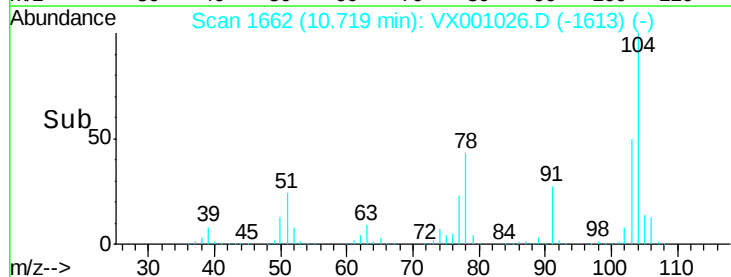
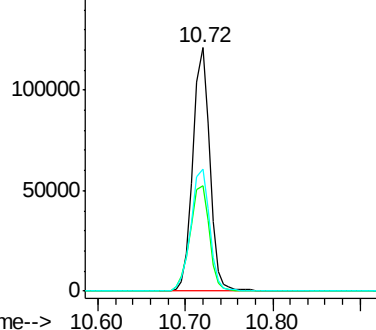


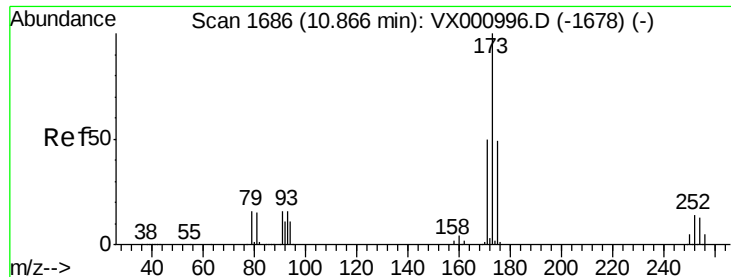
#70
Styrene
Concen: 19.62 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Tgt Ion:104 Resp: 161371
Ion Ratio Lower Upper
104 100
78 49.7 39.4 59.2
103 55.7 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: 18.27 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

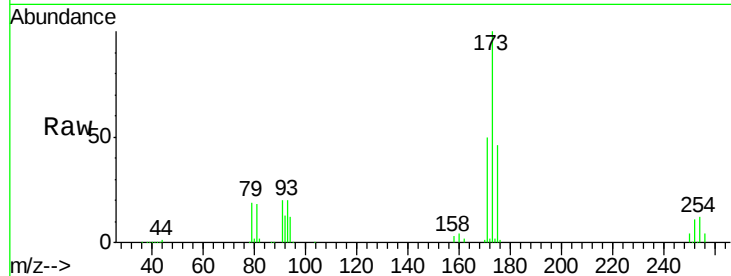
Tot Ion:173 Resp: 41577

Ion Ratio Lower Upper

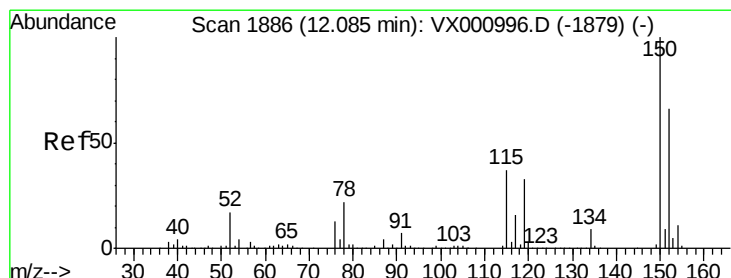
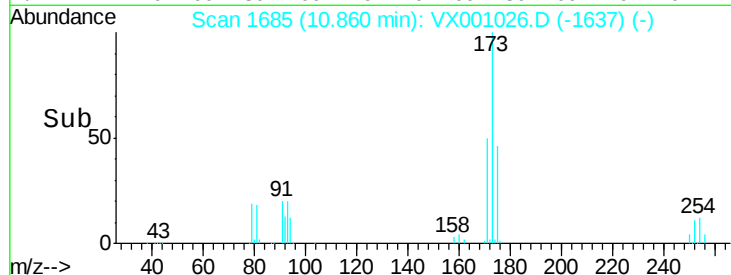
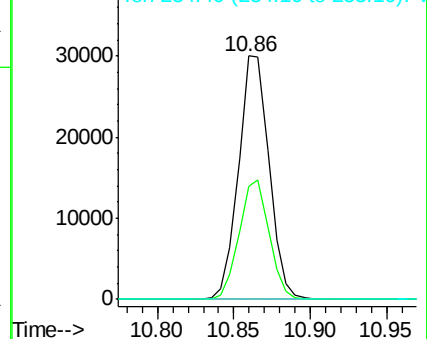
173 100

175 48.1 24.8 74.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

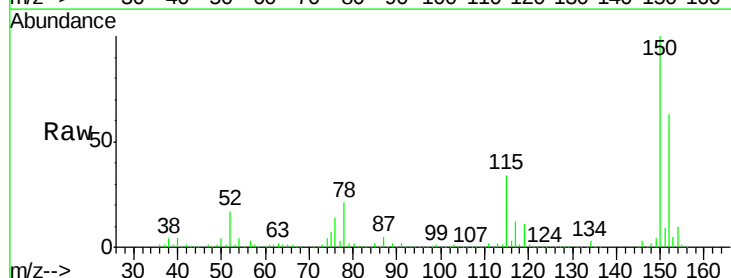
Tgt Ion:152 Resp: 204515

Ion Ratio Lower Upper

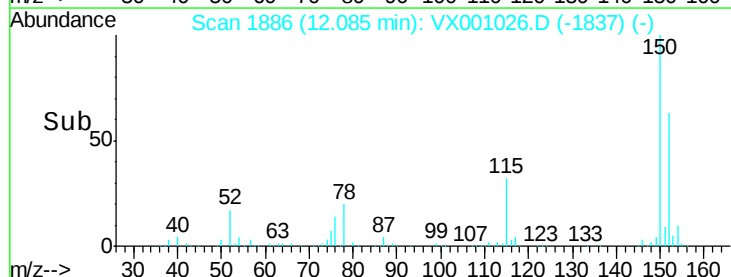
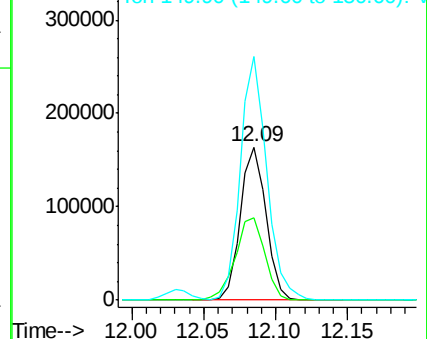
152 100

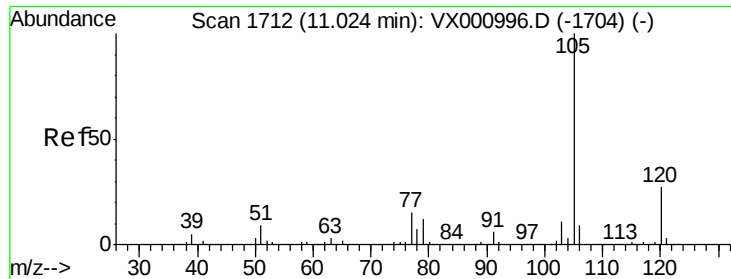
115 62.5 38.2 114.6

150 163.7 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: 19.70 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

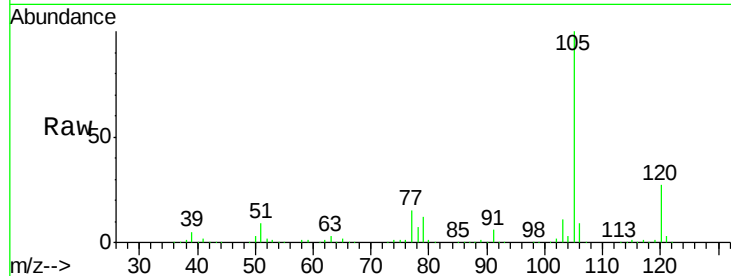
ClientSampleId :

Tot Ion:105 Resp: 263415

Ion Ratio Lower Upper

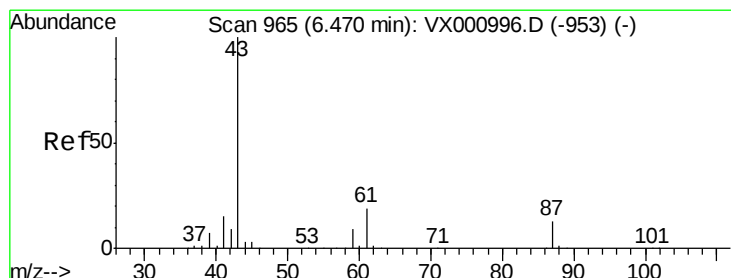
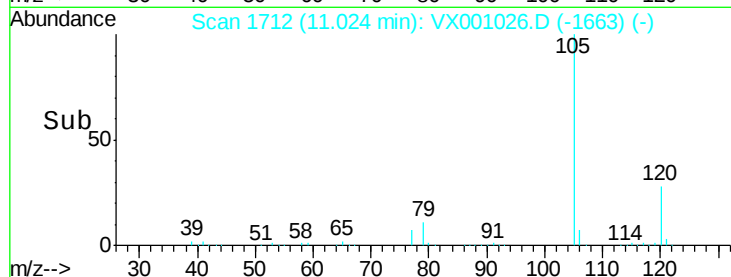
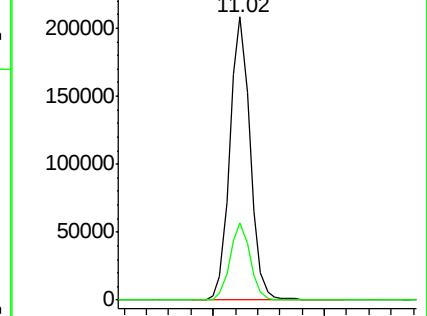
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.28 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Tgt Ion: 43 Resp: 110291

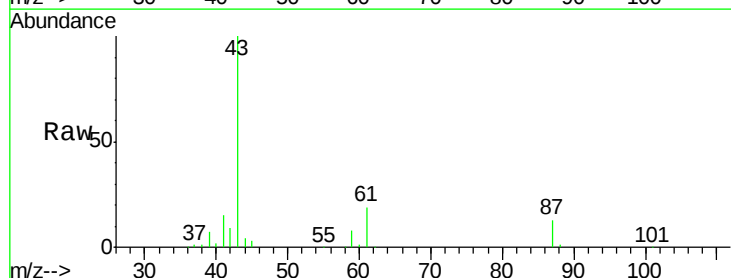
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.4 15.4 23.2

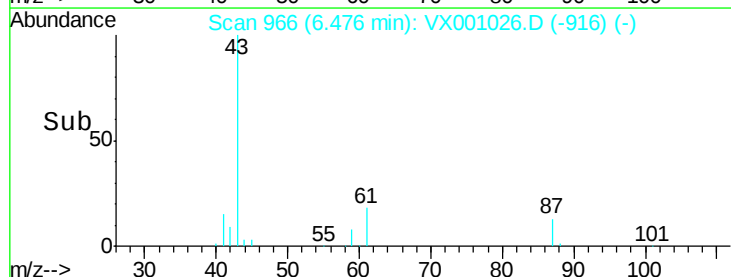
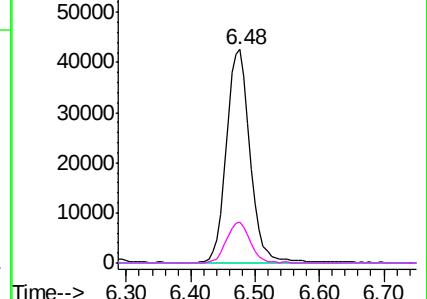


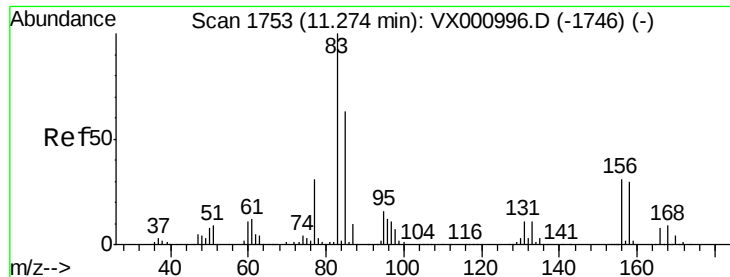
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.91 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

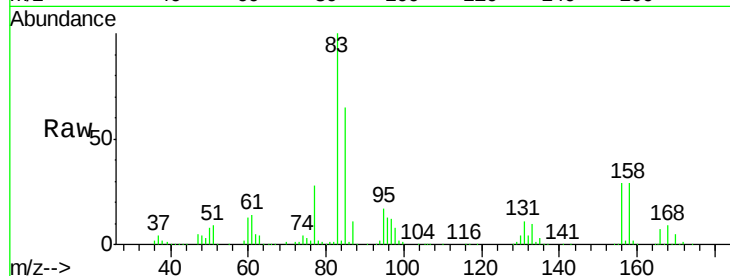
Tot Ion: 83 Resp: 75368

Ion Ratio Lower Upper

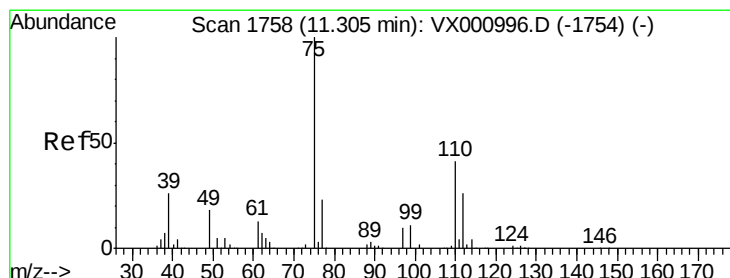
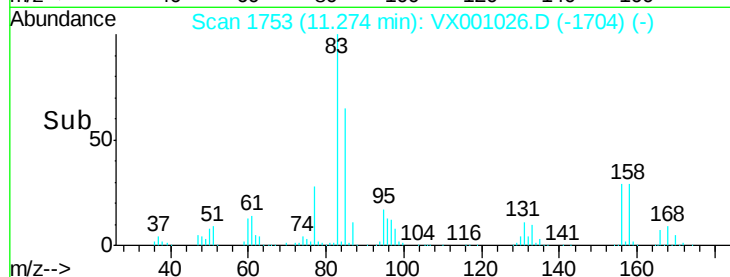
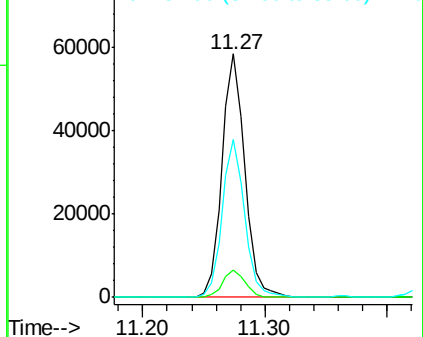
83 100

131 11.3 5.8 17.4

85 64.0 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 23.20 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001026.D

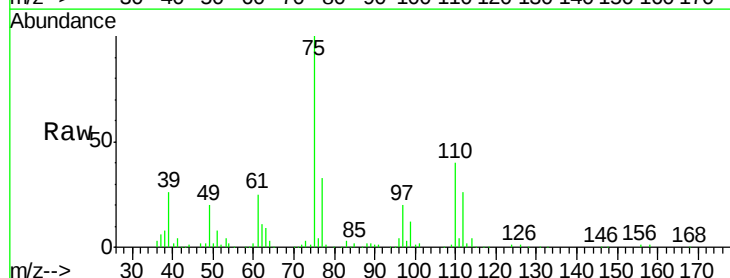
Acq: 20 Apr 2018 23:30

Tgt Ion: 75 Resp: 82331

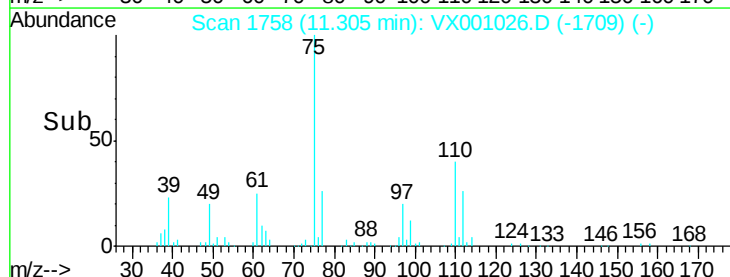
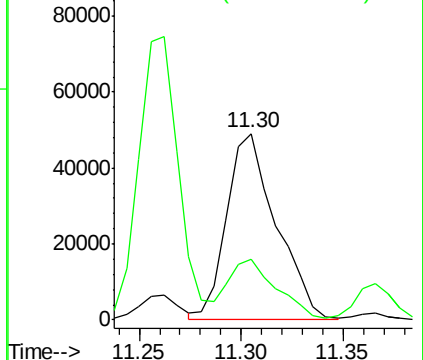
Ion Ratio Lower Upper

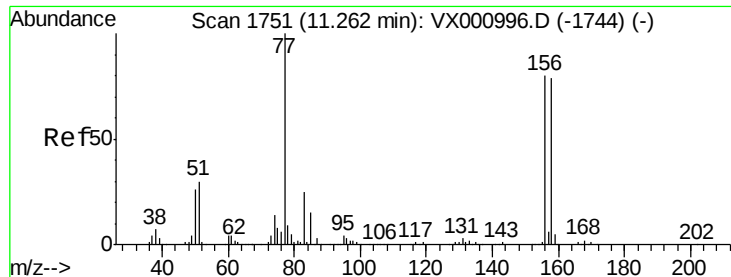
75 100

77 31.5 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.53 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

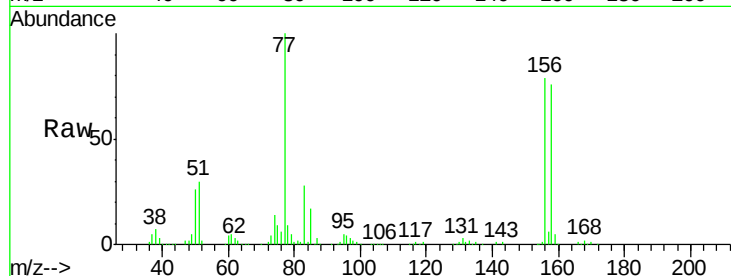
Tot Ion:156 Resp: 75782

Ion Ratio Lower Upper

156 100

77 133.8 66.3 199.0

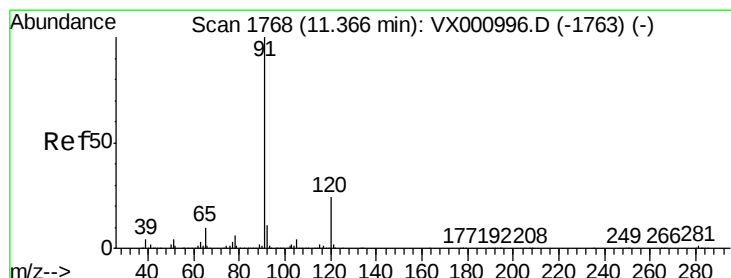
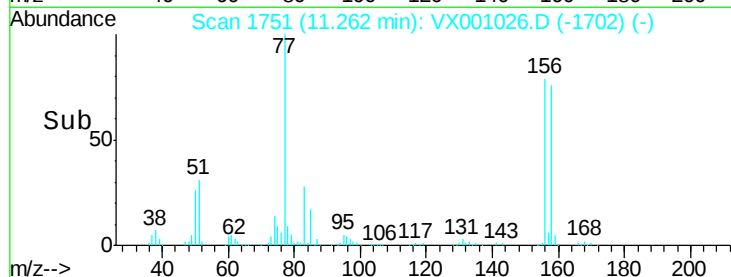
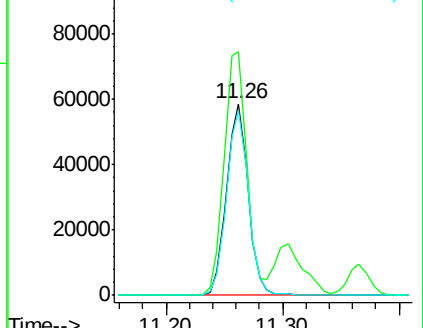
158 97.4 48.9 146.6



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: 19.34 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001026.D

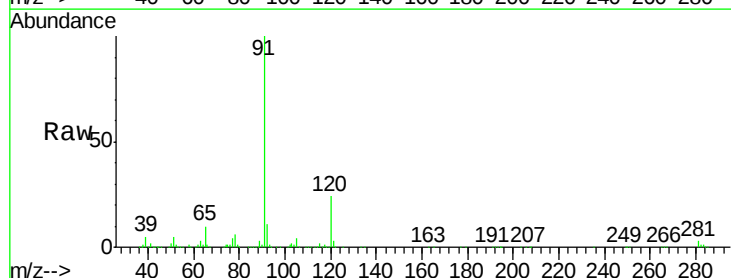
Acq: 20 Apr 2018 23:30

Tgt Ion: 91 Resp: 296789

Ion Ratio Lower Upper

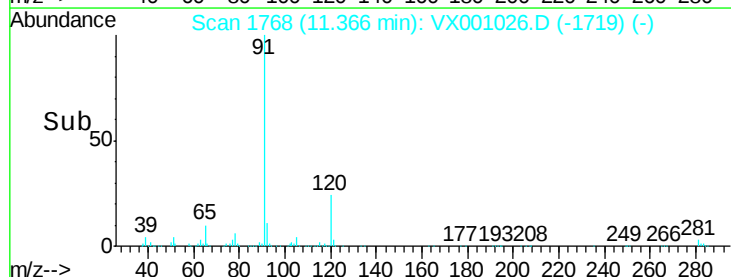
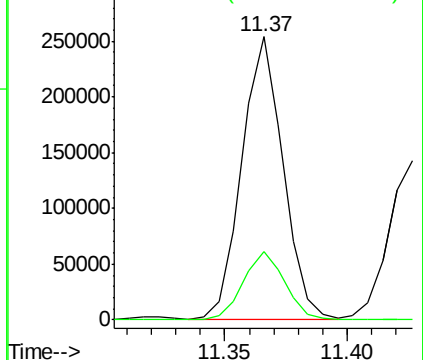
91 100

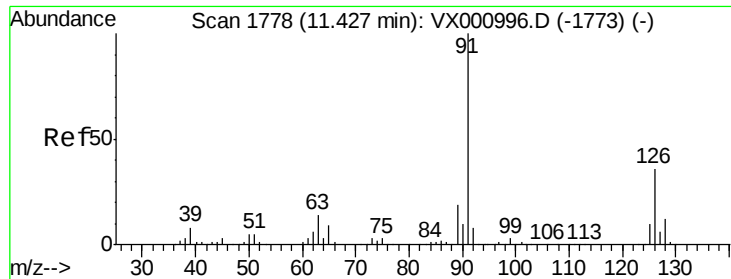
120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.76 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

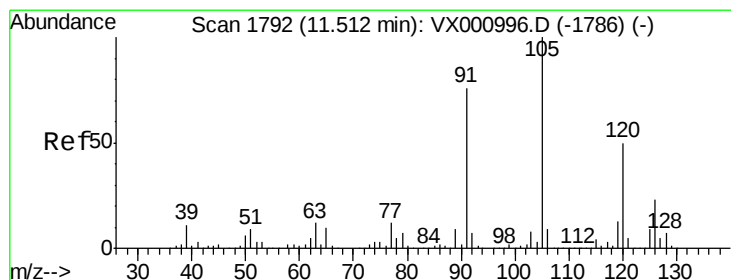
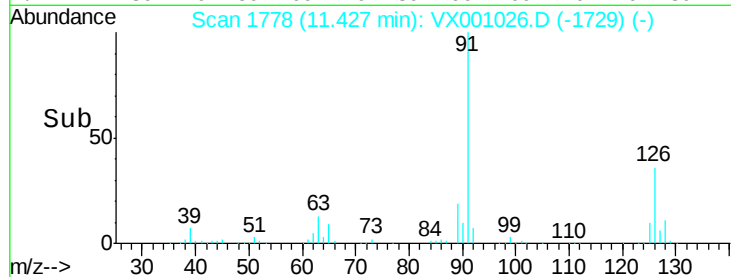
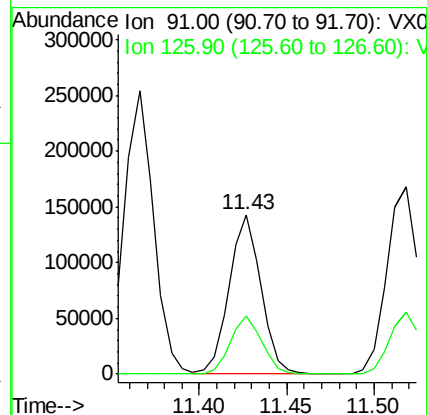
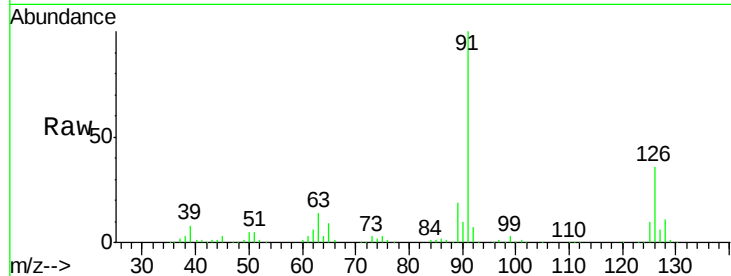
ClientSampled :

Tot Ion: 91 Resp: 179249

Ion Ratio Lower Upper

91 100

126 36.4 18.3 54.9



#80

1,3,5-Trimethylbenzene

Concen: 19.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001026.D

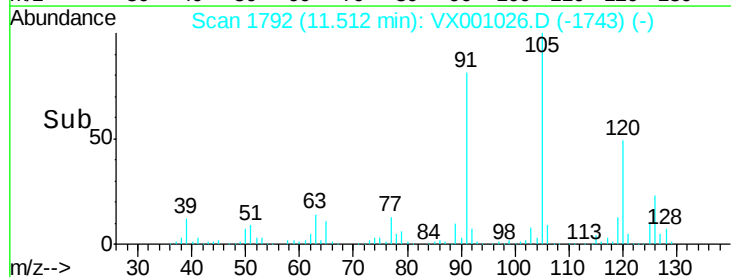
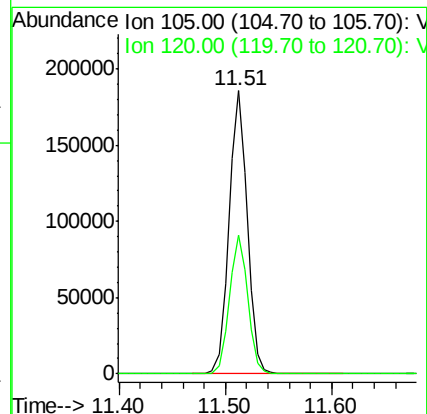
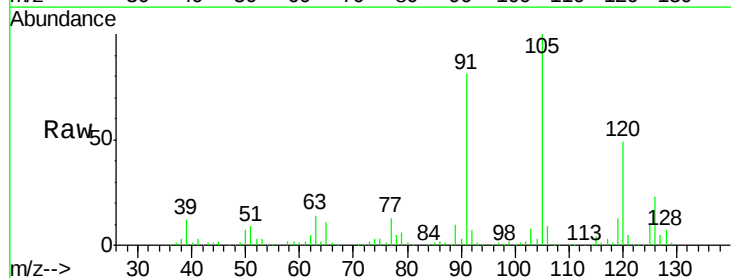
Acq: 20 Apr 2018 23:30

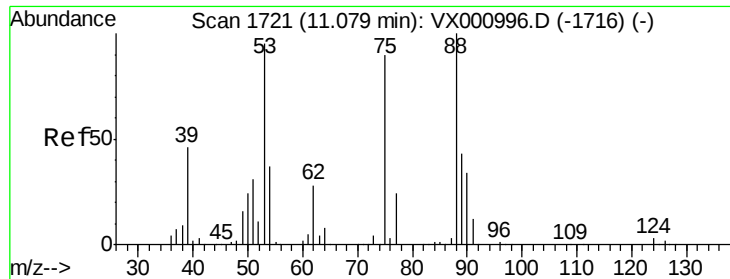
Tgt Ion: 105 Resp: 221886

Ion Ratio Lower Upper

105 100

120 49.4 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.68 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

ClientSampled :

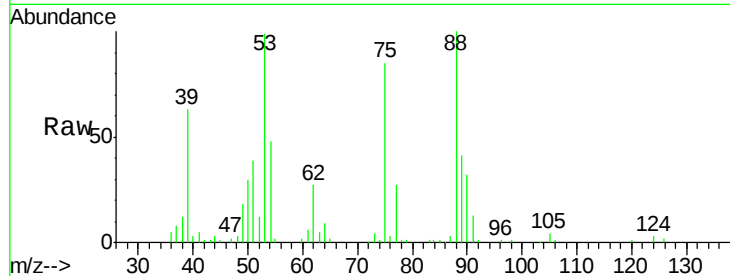
Tot Ion: 75 Resp: 16619

Ion Ratio Lower Upper

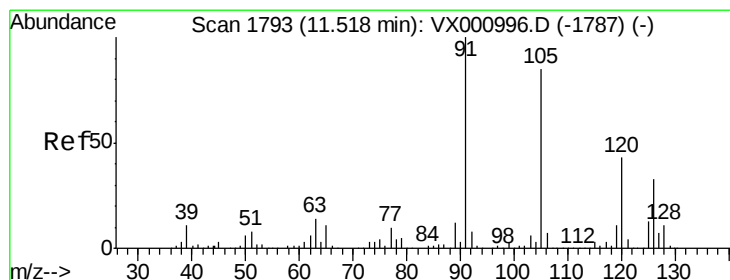
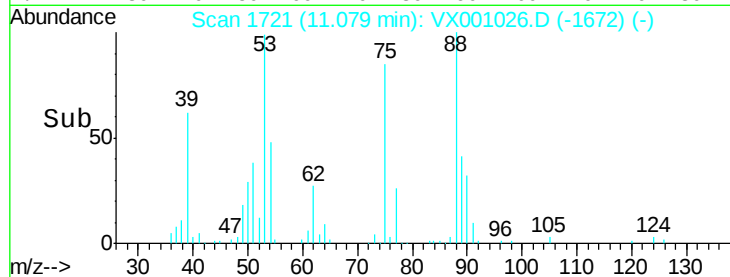
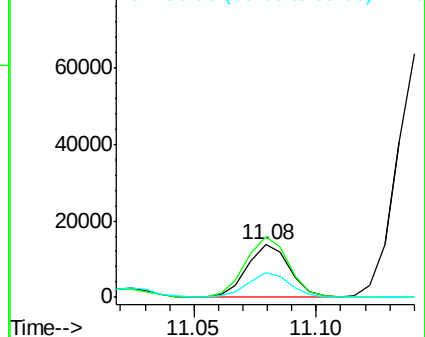
75 100

53 117.7 83.4 125.2

89 47.7 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: 19.44 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001026.D

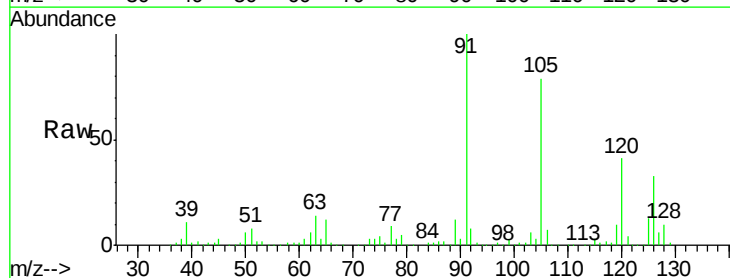
Acq: 20 Apr 2018 23:30

Tgt Ion: 91 Resp: 213086

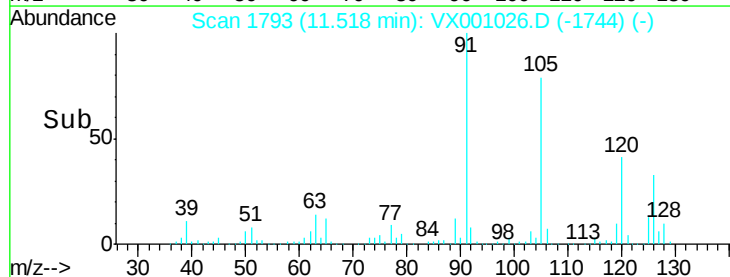
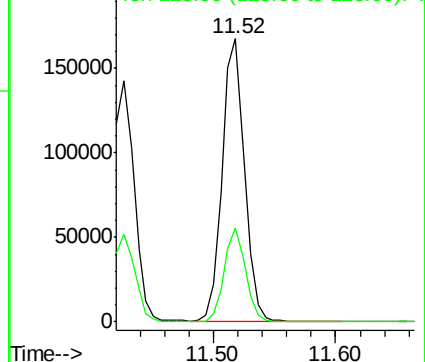
Ion Ratio Lower Upper

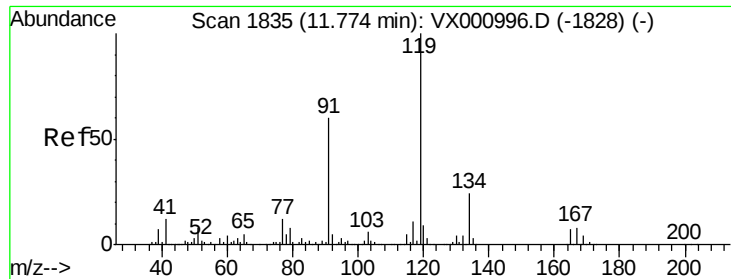
91 100

126 31.9 16.2 48.5



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

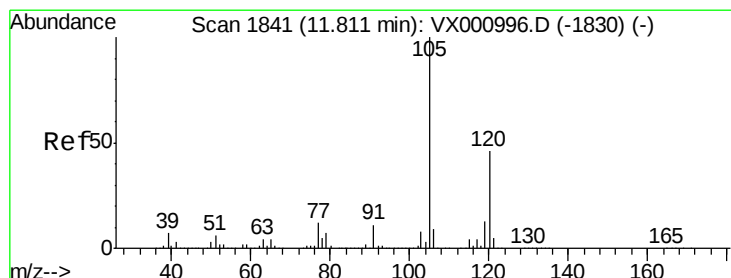
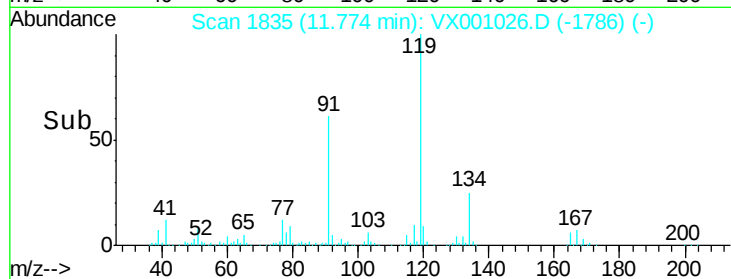
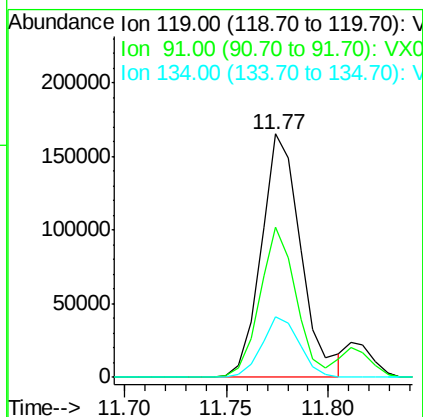
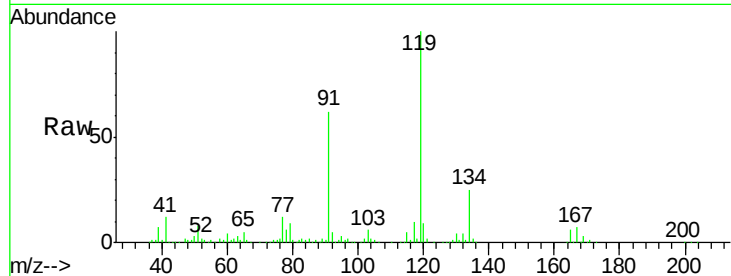




#83
tert-Butylbenzene
Concen: 19.54 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

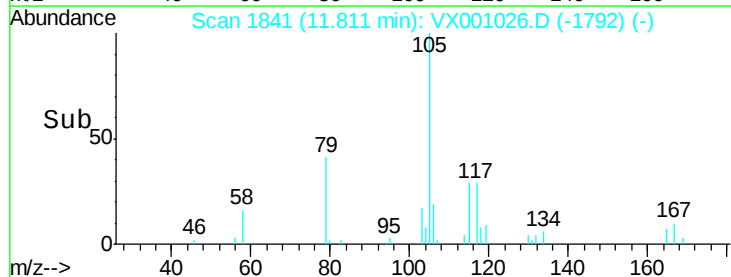
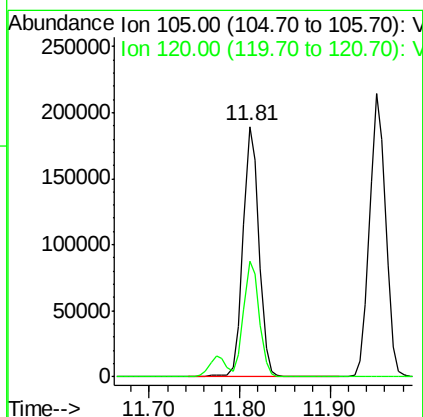
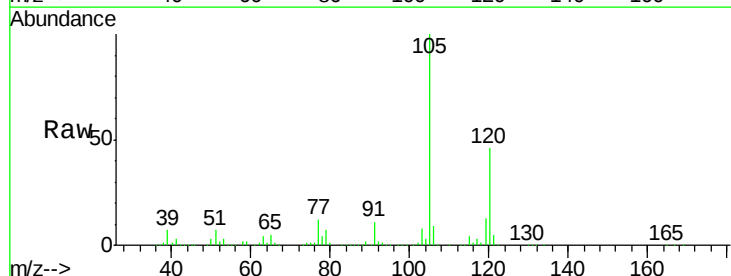
Instrument :
MSVOA_X
ClientSampleId :

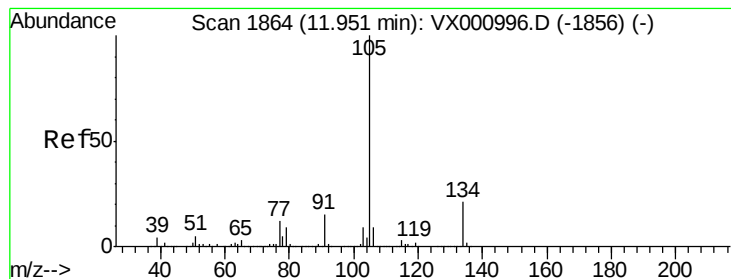
Tot Ion:119 Resp: 223433
Ion Ratio Lower Upper
119 100
91 56.3 27.0 81.0
134 23.8 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 19.71 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Tgt Ion:105 Resp: 229894
Ion Ratio Lower Upper
105 100
120 45.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.40 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

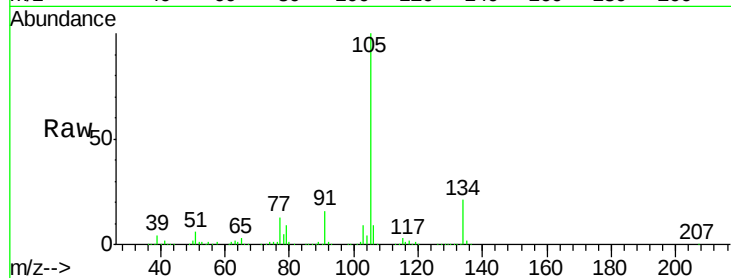
ClientSampleId :

Tot Ion:105 Resp: 264798

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

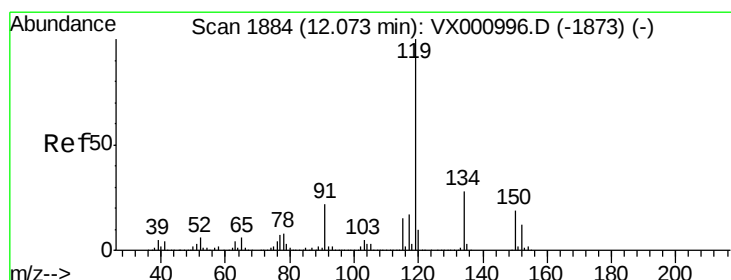
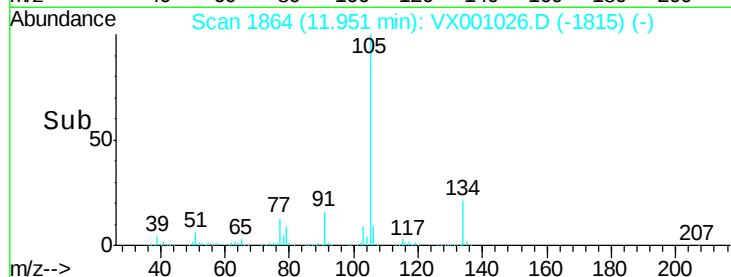
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.37 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

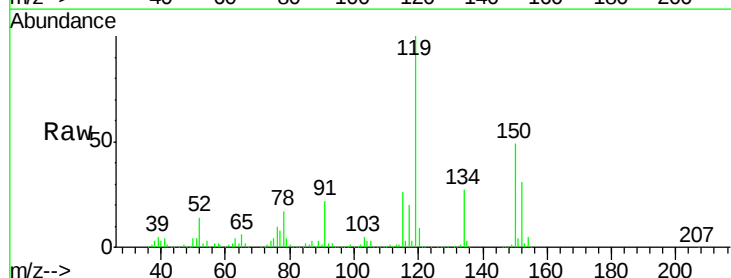
Tgt Ion:119 Resp: 244501

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 23.2 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

250000

200000

150000

100000

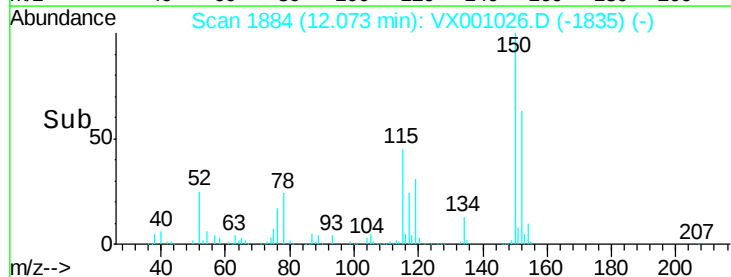
50000

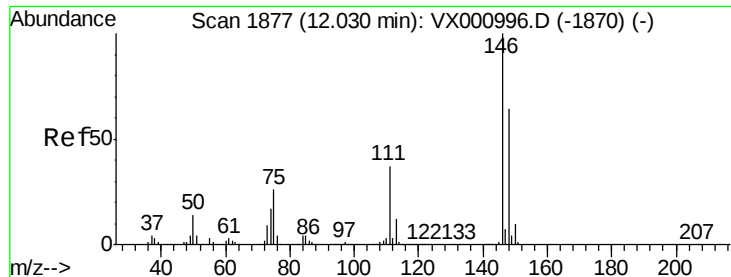
0

12.00

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.28 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

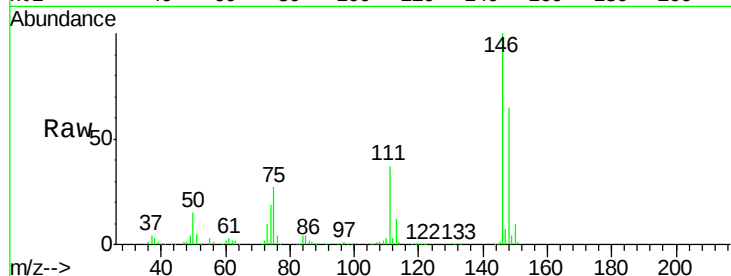
Tot Ion:146 Resp: 140096

Ion Ratio Lower Upper

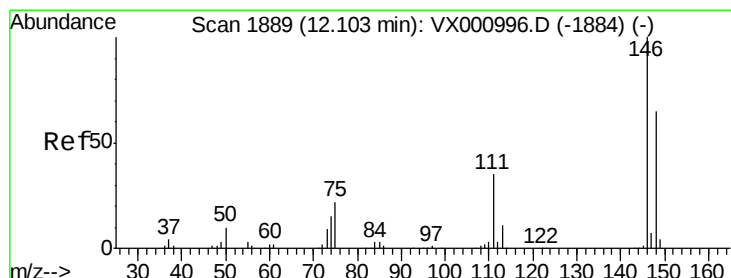
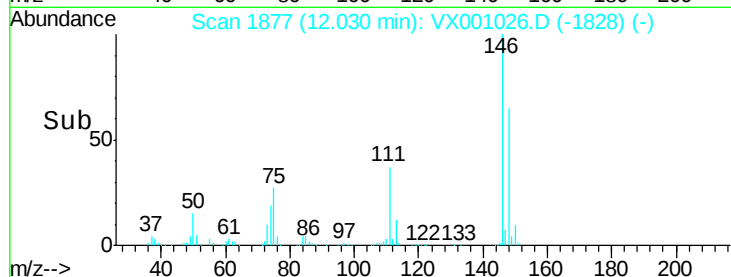
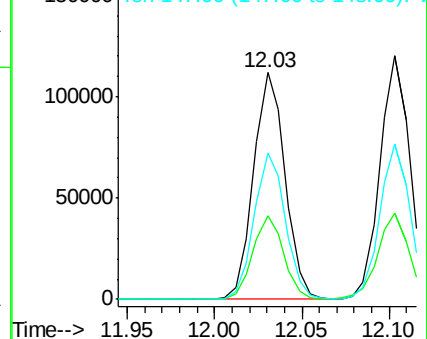
146 100

111 36.1 18.3 54.8

148 64.2 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: 19.28 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

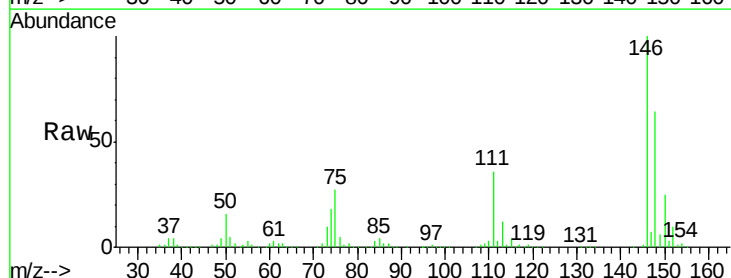
Tgt Ion:146 Resp: 143748

Ion Ratio Lower Upper

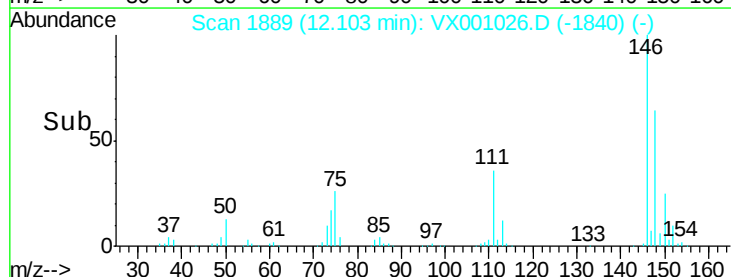
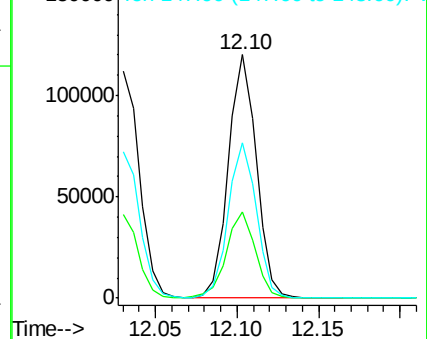
146 100

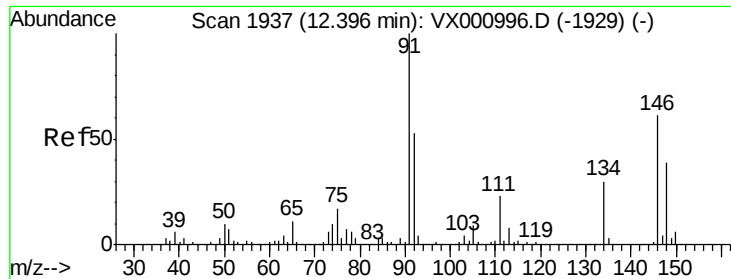
111 36.9 18.0 54.0

148 64.4 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

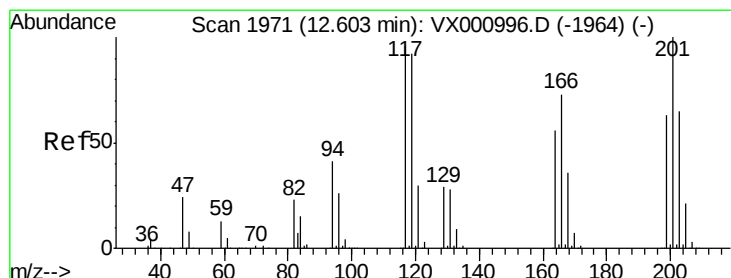
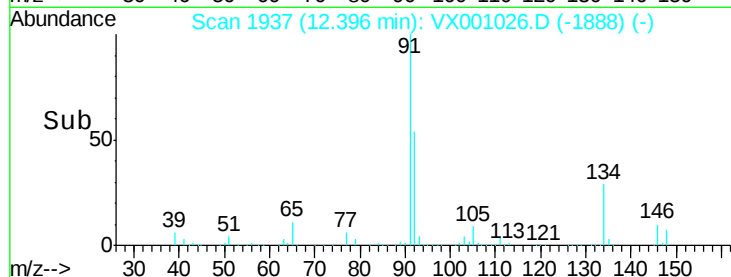
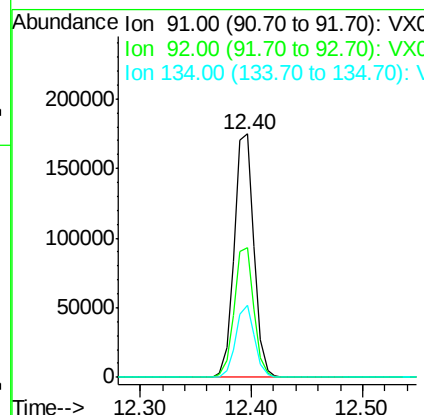
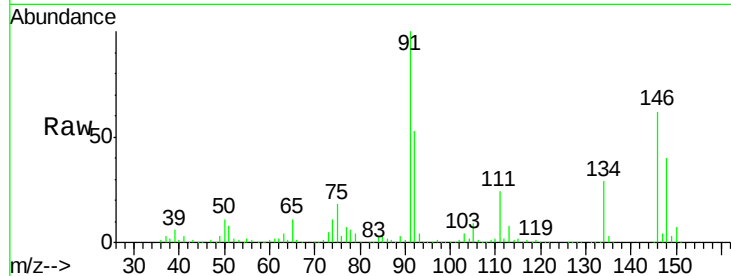




#89
n-Butylbenzene
Concen: 18.95 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

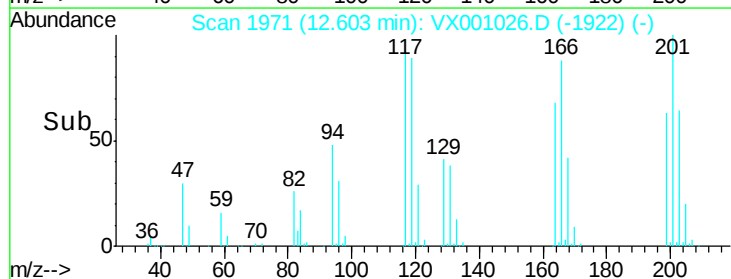
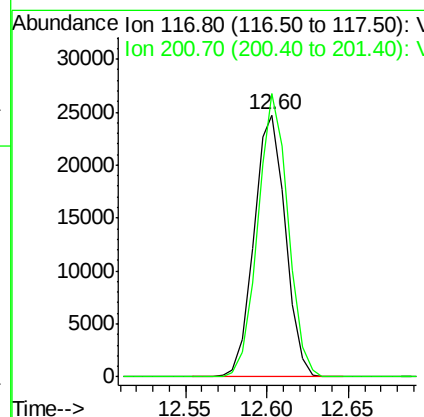
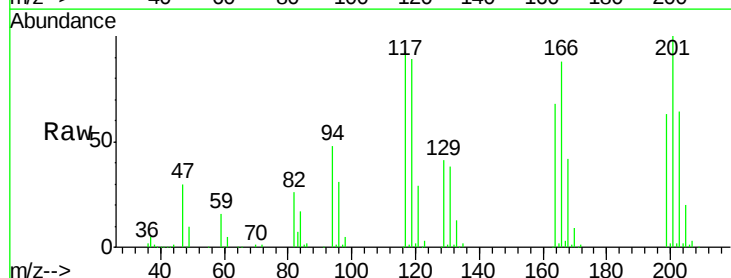
Instrument :
MSVOA_X
ClientSampled :

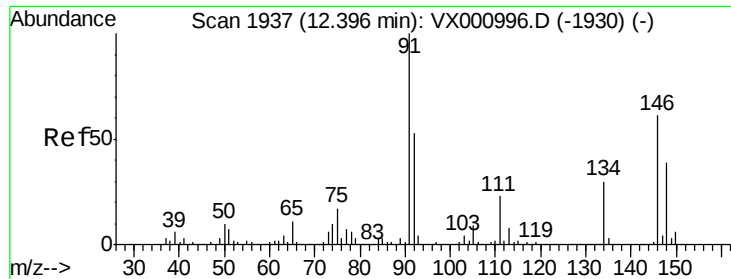
Tot Ion: 91 Resp: 212909
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 28.3 14.4 43.0



#90
Hexachloroethane
Concen: 18.49 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001026.D
Acq: 20 Apr 2018 23:30

Tgt Ion: 117 Resp: 33079
Ion Ratio Lower Upper
117 100
201 103.6 52.3 157.1

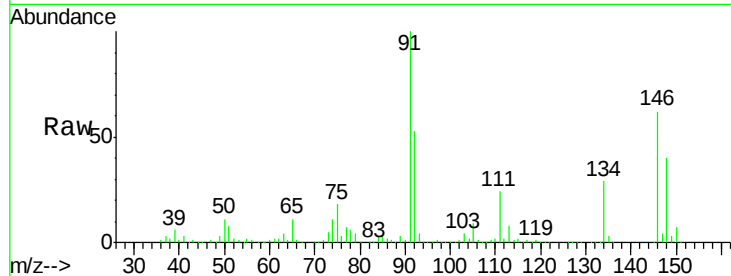




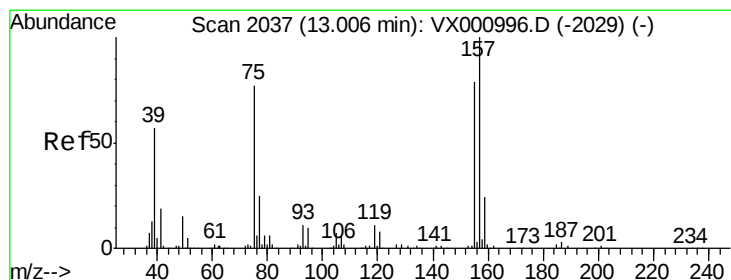
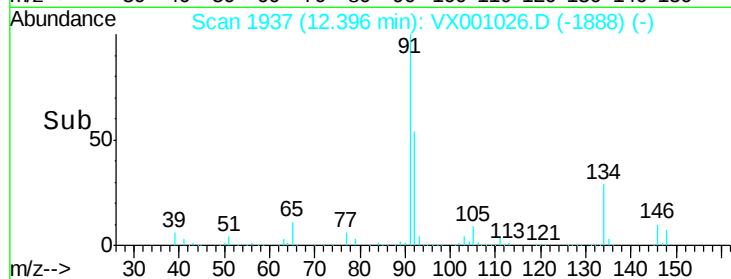
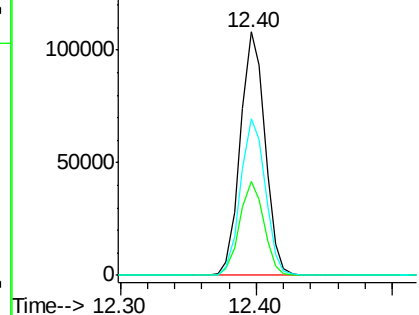
#91
 1,2-Dichlorobenzene
 Concen: 19.37 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001026.D
 Acq: 20 Apr 2018 23:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 136242
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 56.0
 148 64.7 32.3 96.8

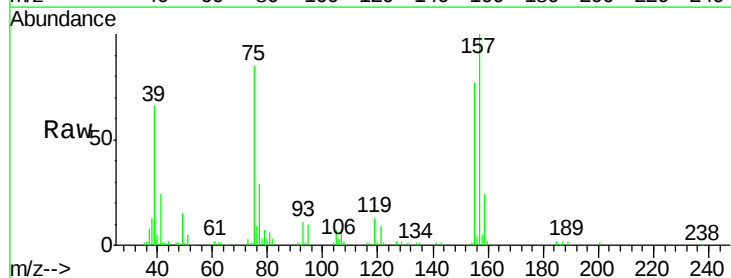


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

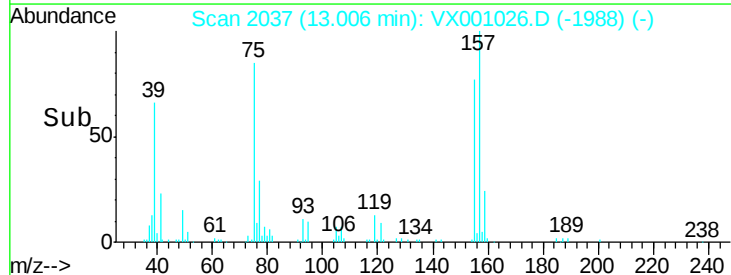
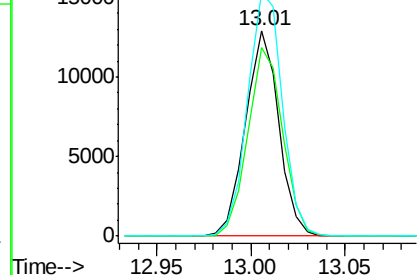


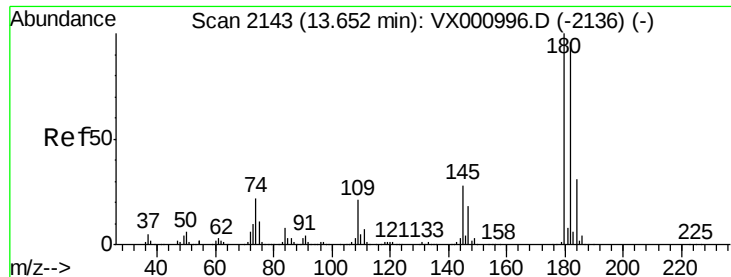
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.97 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001026.D
 Acq: 20 Apr 2018 23:30

Tgt Ion: 75 Resp: 15837
 Ion Ratio Lower Upper
 75 100
 155 95.4 51.0 153.0
 157 123.6 64.9 194.7



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

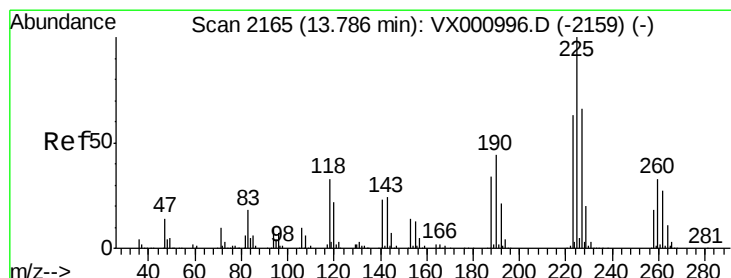
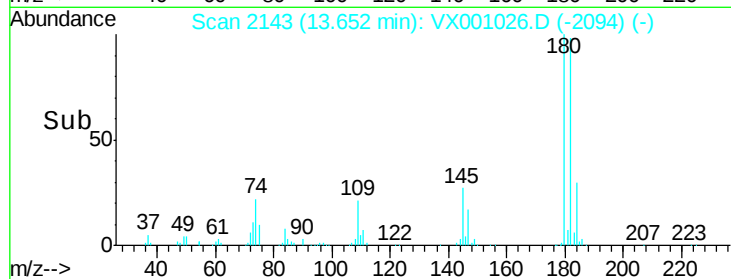
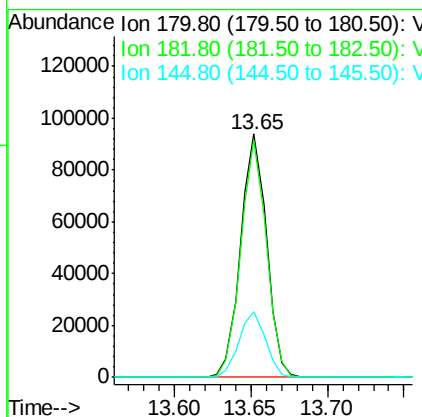
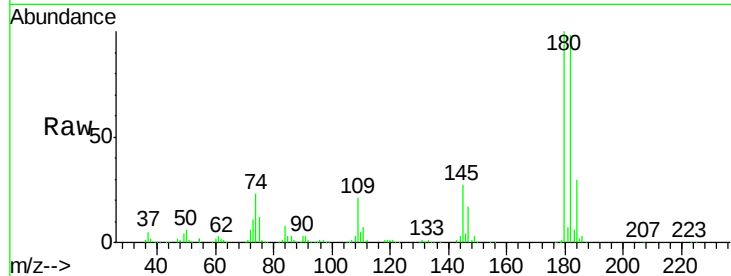




#93
 1,2,4-Trichlorobenzene
 Concen: 18.73 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001026.D
 Acq: 20 Apr 2018 23:30

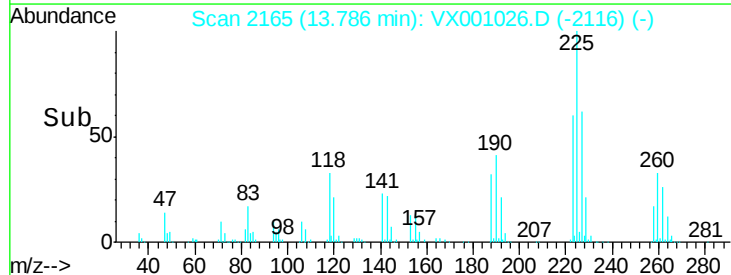
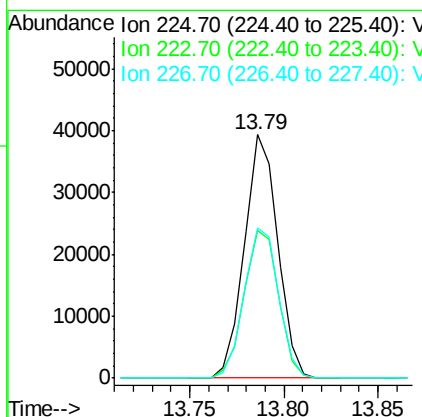
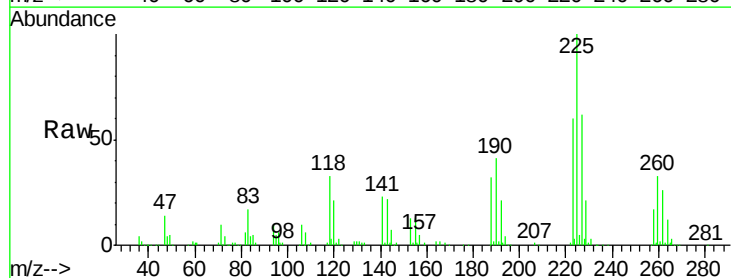
Instrument :
 MSVOA_X
 ClientSampleId :

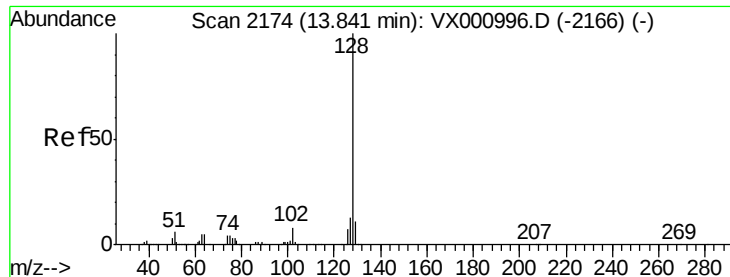
Tot Ion:180 Resp: 110598
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.0 144.0
 145 27.7 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 18.13 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001026.D
 Acq: 20 Apr 2018 23:30

Tgt Ion:225 Resp: 48445
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.5 94.5
 227 63.7 32.6 97.8





#95

Naphthalene

Concen: 19.79 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

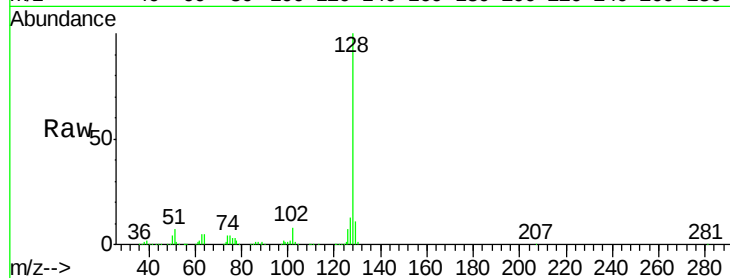
Tot Ion:128 Resp: 287379

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

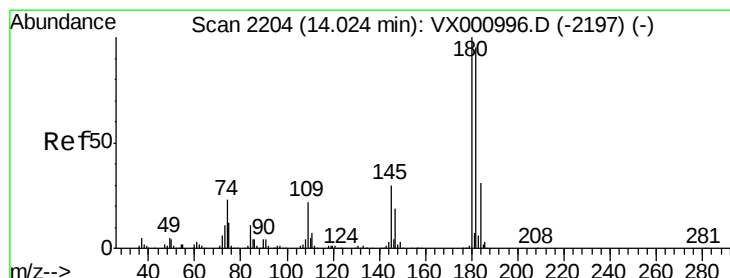
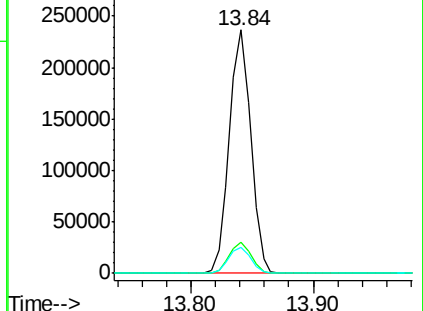
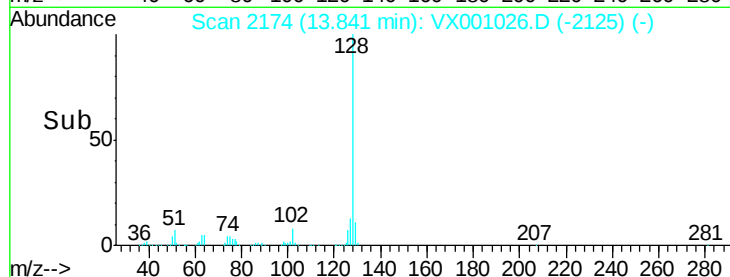
129 10.9 8.7 13.1



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: 18.87 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001026.D

Acq: 20 Apr 2018 23:30

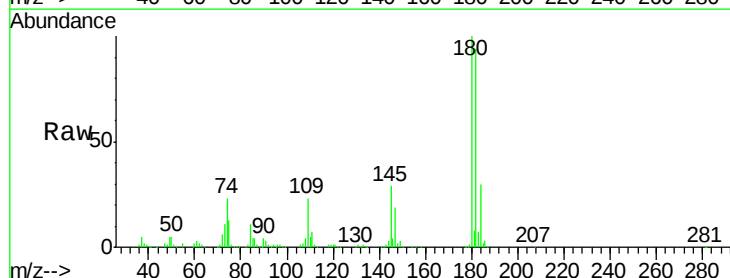
Tgt Ion:180 Resp: 107753

Ion Ratio Lower Upper

180 100

182 96.9 47.9 143.7

145 29.4 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

