

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001843.D
 Acq On : 18 May 2018 22:54
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 02:29:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	185721	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	175538	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
35) Dibromofluoromethane	5.51	113	158629	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	8.72	98	587768	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	11.14	95	176995	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	128136	45.81	ug/l	99
3) Chloromethane	1.32	50	154008	50.97	ug/l	99
4) Vinyl Chloride	1.40	62	161614	49.48	ug/l	100
5) Bromomethane	1.64	94	61883	44.68	ug/l	98
6) Chloroethane	1.72	64	106059	51.55	ug/l	99
7) Trichlorofluoromethane	1.92	101	226948	47.81	ug/l	99
8) Diethyl Ether	2.19	74	99276	50.81	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	137580	48.15	ug/l	99
10) Methyl Iodide	2.51	142	192094	73.07	ug/l	98
11) Tert butyl alcohol	3.09	59	180108	271.54	ug/l	99
12) 1,1-Dichloroethene	2.37	96	129466	47.00	ug/l	98
13) Acrolein	2.30	56	92591	196.83	ug/l	99
14) Allyl chloride	2.73	41	254664	50.01	ug/l	96
15) Acrylonitrile	3.15	53	436082	261.77	ug/l	100
16) Acetone	2.45	43	363066	247.43	ug/l	99
17) Carbon Disulfide	2.57	76	305174	42.47	ug/l	98
18) Methyl Acetate	2.78	43	241168	56.22	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	466438	50.23	ug/l	100
20) Methylene Chloride	2.86	84	153492	48.87	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	139449	45.95	ug/l	97
22) Diisopropyl ether	3.88	45	511956	52.41	ug/l	99
23) Vinyl Acetate	3.83	43	1690799	240.24	ug/l	99
24) 1,1-Dichloroethane	3.70	63	268930	50.20	ug/l	100
25) 2-Butanone	4.71	43	622433	277.07	ug/l	97
26) 2,2-Dichloropropane	4.59	77	172591	40.02	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	176363	51.07	ug/l	96
28) Bromochloromethane	5.03	49	137827	57.92	ug/l	99
29) Tetrahydrofuran	5.17	42	403721	275.70	ug/l	100
30) Chloroform	5.22	83	286936	50.99	ug/l	99
31) Cyclohexane	5.58	56	241181	51.36	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	245915	50.57	ug/l	99
36) 1,1-Dichloropropene	5.80	75	204005	48.79	ug/l	99
37) Ethyl Acetate	4.87	43	233333	53.54	ug/l	100
38) Carbon Tetrachloride	5.79	117	221468	50.56	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247662	50.69	ug/l	99
40) Benzene	6.15	78	648419	52.63	ug/l	99
41) Methacrylonitrile	5.07	41	134542	53.39	ug/l	98
42) 1,2-Dichloroethane	6.20	62	218356	49.01	ug/l	98
43) Isopropyl Acetate	6.48	43	359661	52.73	ug/l	99
44) Trichloroethene	7.22	130	194535	50.87	ug/l	95
45) 1,2-Dichloropropane	7.52	63	164873	54.54	ug/l	99
46) Dibromomethane	7.67	93	108565	51.14	ug/l	97
47) Bromodichloromethane	7.90	83	209940	53.30	ug/l	96
48) Methyl methacrylate	7.79	41	192916	53.74	ug/l	96
49) 1,4-Dioxane	7.76	88	87757	1269.58	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1226143	283.68	ug/l	99
52) Toluene	8.79	92	421985	53.30	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	244167	52.68	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	216066	52.89	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	143793	47.52	ug/l	98
56) Ethyl methacrylate	9.19	69	213174	49.68	ug/l	98
57) 1,3-Dichloropropane	9.38	76	232605	45.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	623646	282.52	ug/l	100
59) 2-Hexanone	9.51	43	779409	251.90	ug/l	99
60) Dibromochloromethane	9.59	129	154914	49.99	ug/l	100
61) 1,2-Dibromoethane	9.68	107	150510	47.51	ug/l	99
64) Tetrachloroethene	9.34	164	190461	51.34	ug/l	97
65) Chlorobenzene	10.15	112	395983	50.52	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	151454	54.71	ug/l	98
67) Ethyl Benzene	10.26	91	655038	52.29	ug/l	100
68) m/p-Xylenes	10.37	106	524441	106.10	ug/l	99
69) o-Xylene	10.71	106	254206	53.70	ug/l	100
70) Styrene	10.72	104	419582	53.75	ug/l	100
71) Bromoform	10.87	173	128177	49.76	ug/l	99
73) Isopropylbenzene	11.02	105	679896	55.59	ug/l	100
74) N-amyl acetate	6.48	43	359661	61.34	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	199342	54.33	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234411	66.38	ug/l	89
77) Bromobenzene	11.26	156	192670	53.61	ug/l	100
78) n-propylbenzene	11.37	91	745694	54.12	ug/l	99
79) 2-Chlorotoluene	11.43	91	448665	54.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	560873	55.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	54191	46.01	ug/l	98
82) 4-Chlorotoluene	11.52	91	513029	52.84	ug/l	100
83) tert-Butylbenzene	11.77	119	561229	56.21	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	582299	56.04	ug/l	100
85) sec-Butylbenzene	11.95	105	682500	55.37	ug/l	100
86) p-Isopropyltoluene	12.07	119	628342	55.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	343966	51.75	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	347052	50.50	ug/l	100
89) n-Butylbenzene	12.40	91	497087	50.39	ug/l	100
90) Hexachloroethane	12.60	117	101250	57.16	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	352254	53.19	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	46260	59.07	ug/l	98

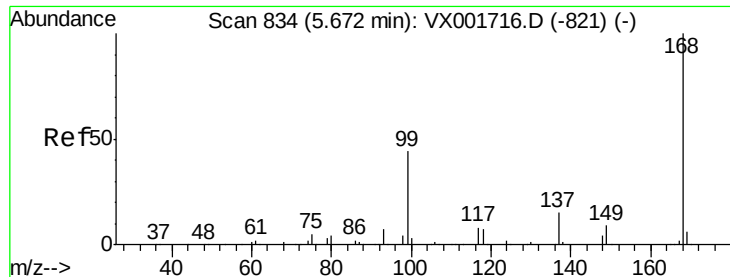
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	264513	50.11	ug/l	100
94) Hexachlorobutadiene	13.79	225	142812	50.39	ug/l	100
95) Naphthalene	13.84	128	763811	55.67	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	277459	52.20	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: VX001843.D

Acq: 18 May 2018 22:54

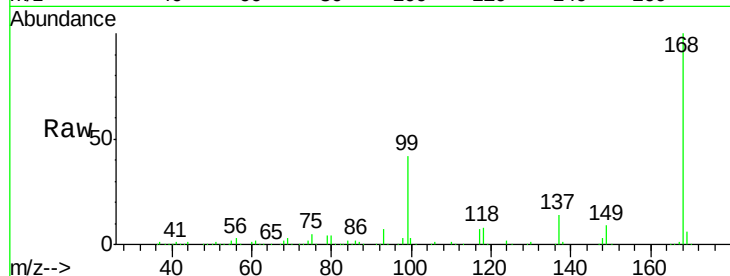
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 278720

Ion Ratio Lower Upper

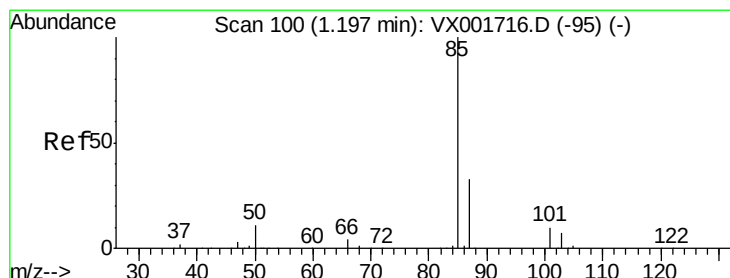
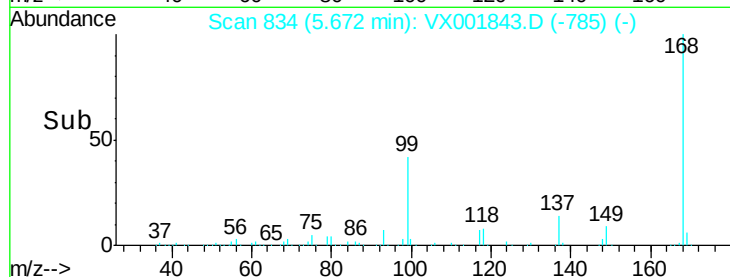
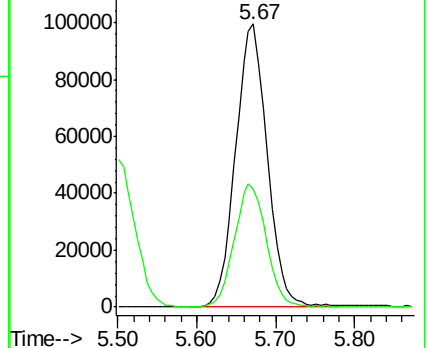
168 100

99 41.5 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.81 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001843.D

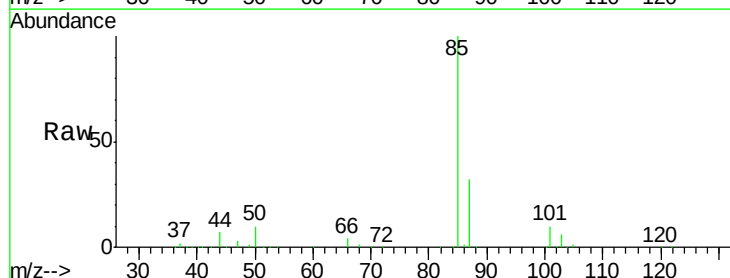
Acq: 18 May 2018 22:54

Tgt Ion: 85 Resp: 128136

Ion Ratio Lower Upper

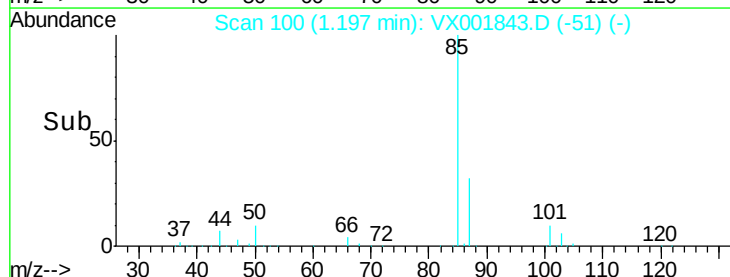
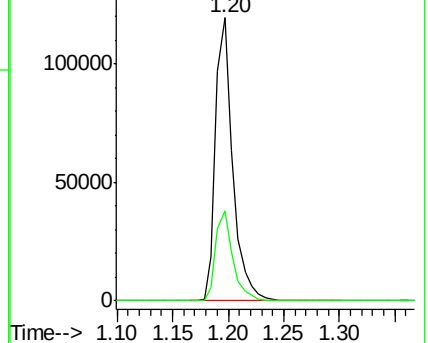
85 100

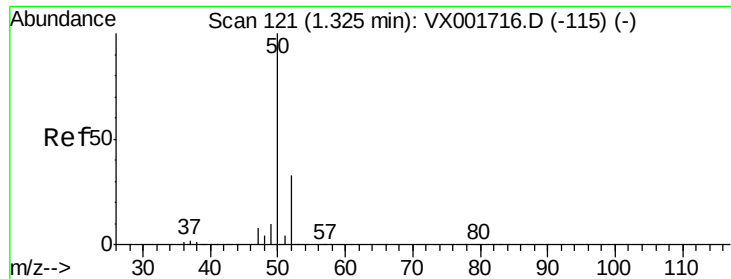
87 32.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.97 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

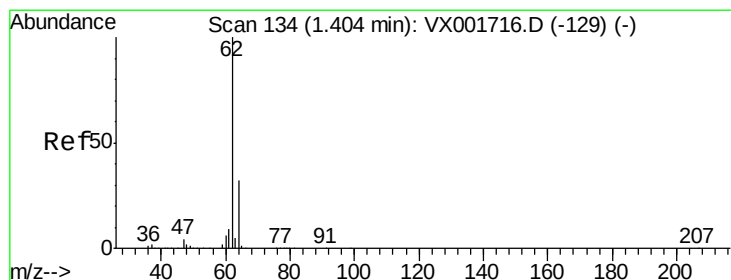
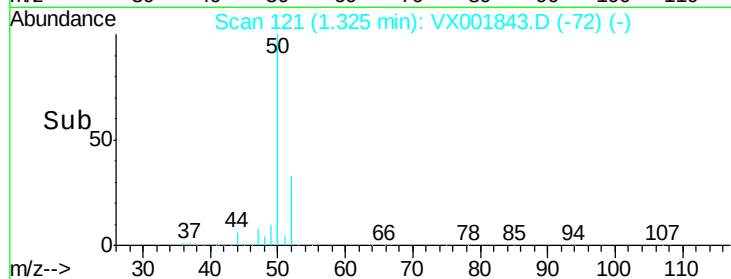
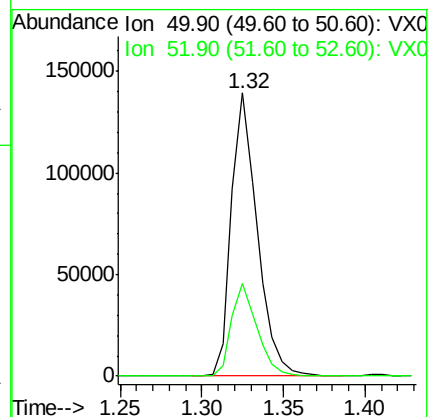
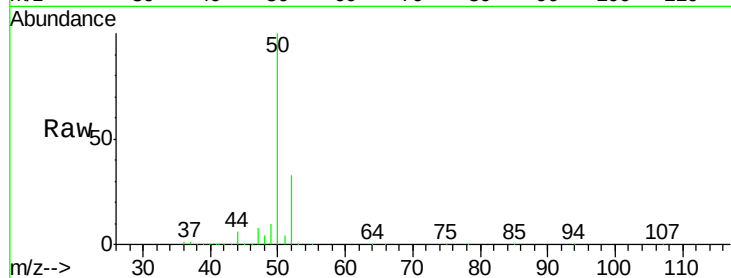
ClientSampled :

Tot Ion: 50 Resp: 154008

Ion Ratio Lower Upper

50 100

52 32.5 26.3 39.5



#4

Vinyl Chloride

Concen: 49.48 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001843.D

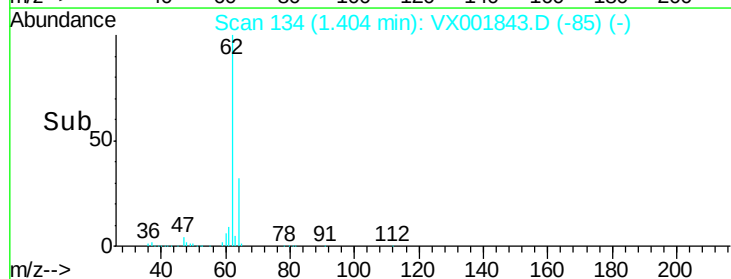
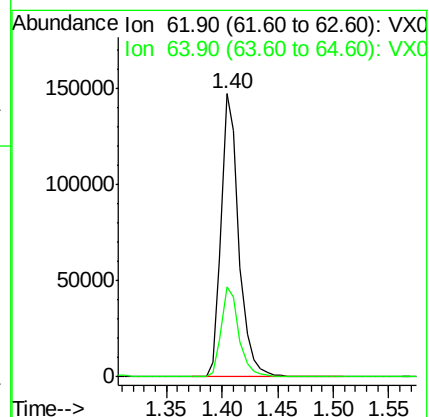
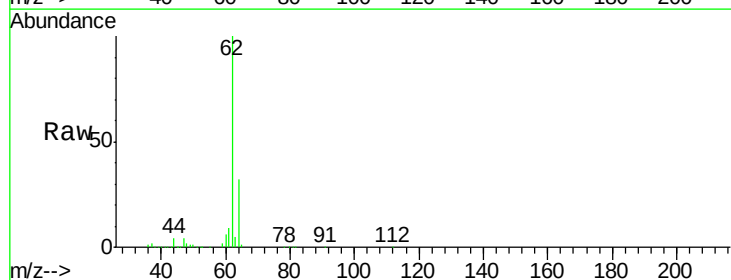
Acq: 18 May 2018 22:54

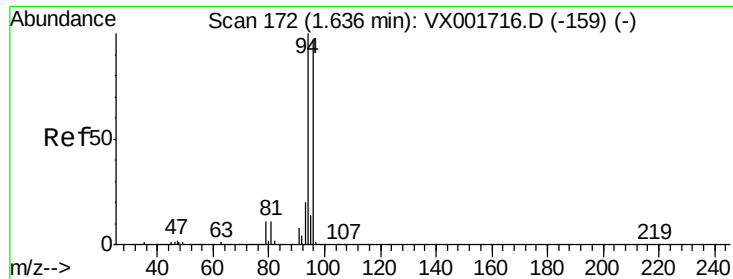
Tgt Ion: 62 Resp: 161614

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 44.68 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

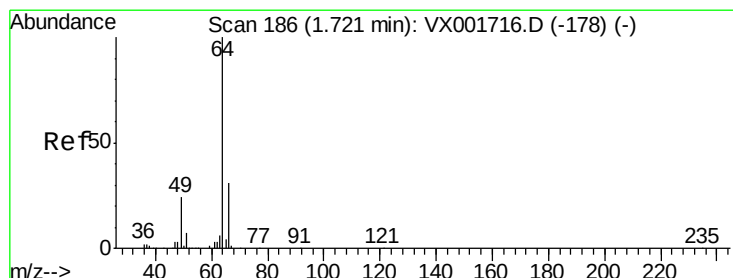
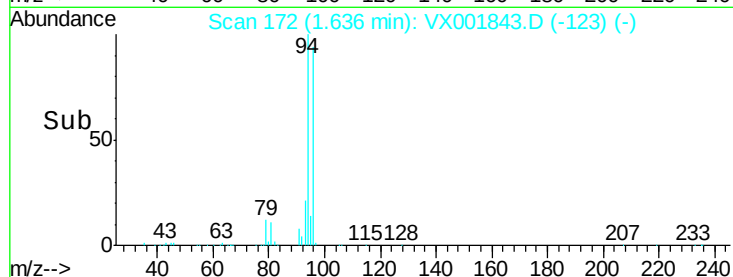
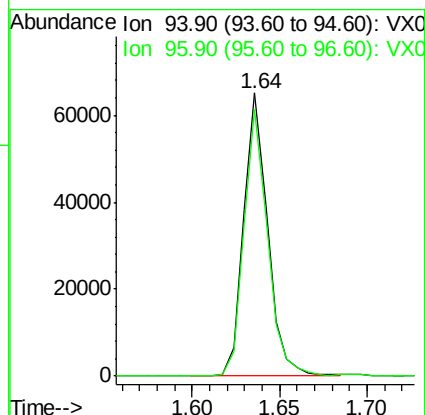
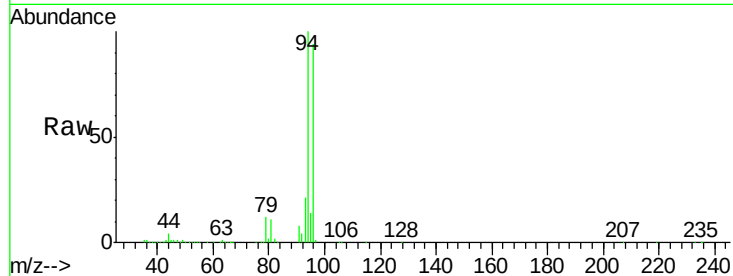
ClientSampleId :

Tot Ion: 94 Resp: 61883

Ion Ratio Lower Upper

94 100

96 94.4 77.4 116.0



#6

Chloroethane

Concen: 51.55 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001843.D

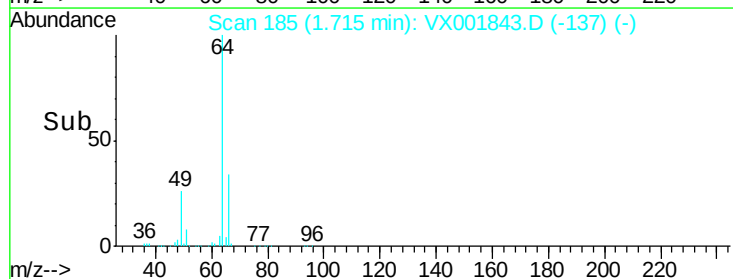
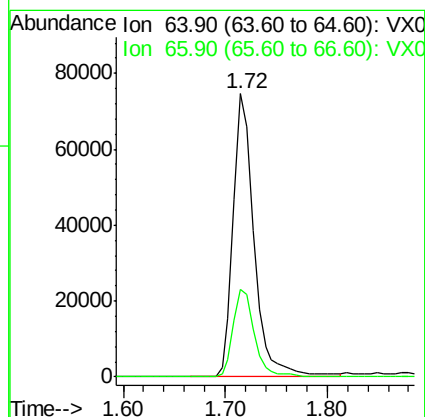
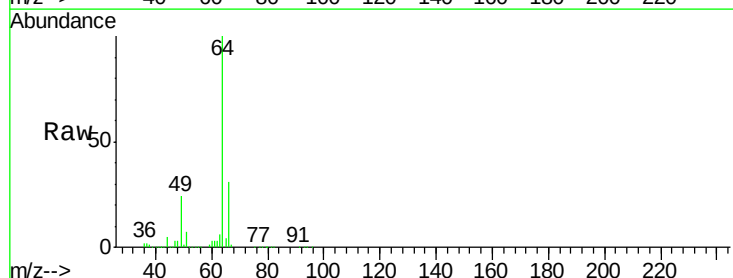
Acq: 18 May 2018 22:54

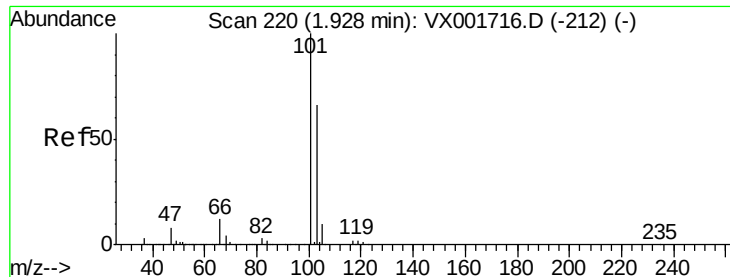
Tgt Ion: 64 Resp: 106059

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8



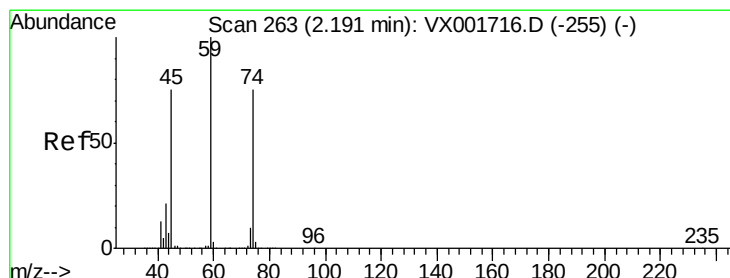
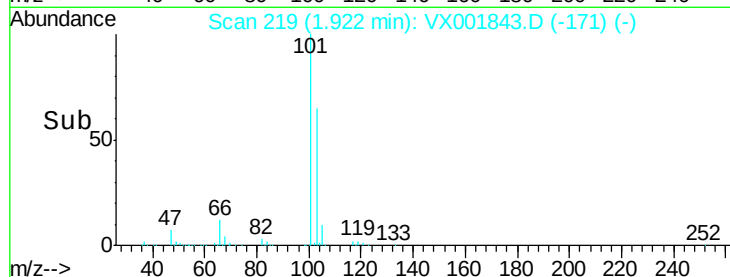
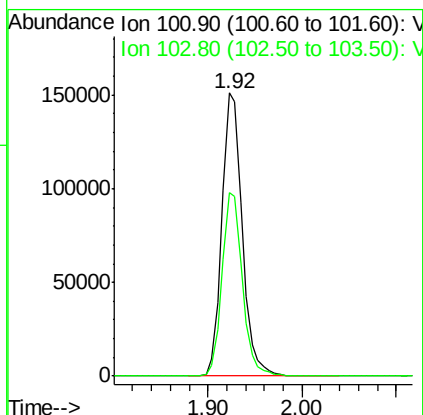
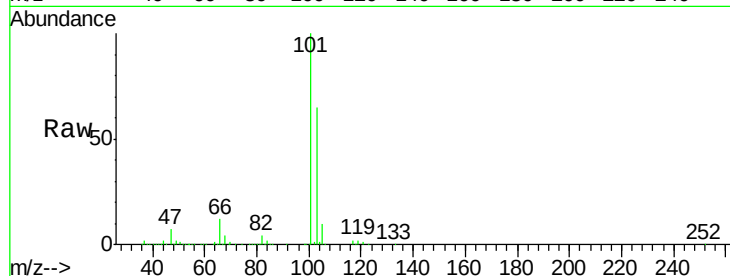


#7

Trichlorofluoromethane
 Concen: 47.81 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :

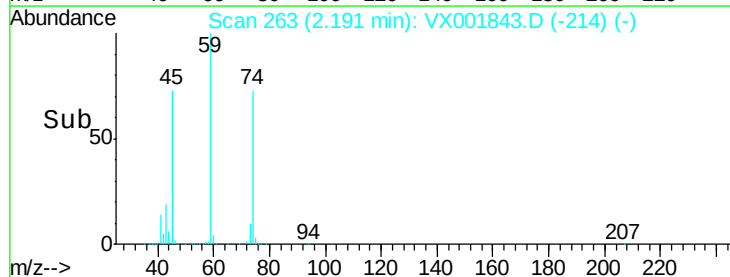
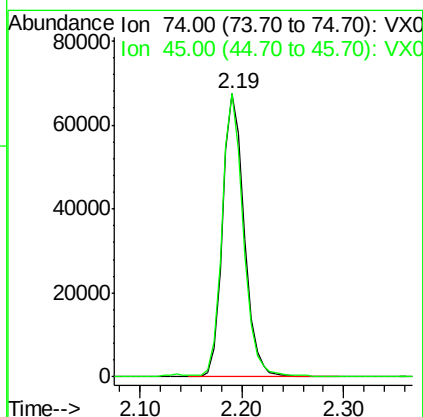
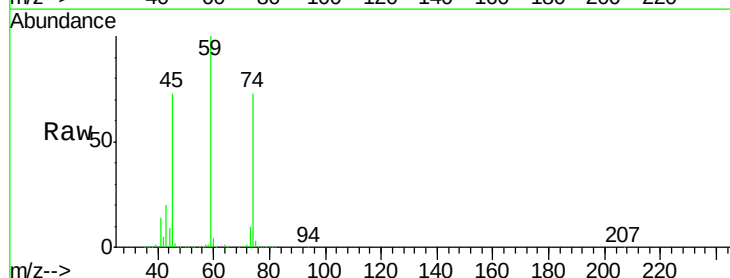
Tot Ion:101 Resp: 226948
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 78.8

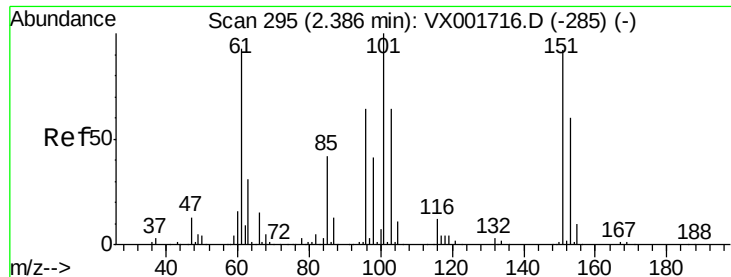


#8

Diethyl Ether
 Concen: 50.81 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Tgt Ion: 74 Resp: 99276
 Ion Ratio Lower Upper
 74 100
 45 97.6 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.15 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

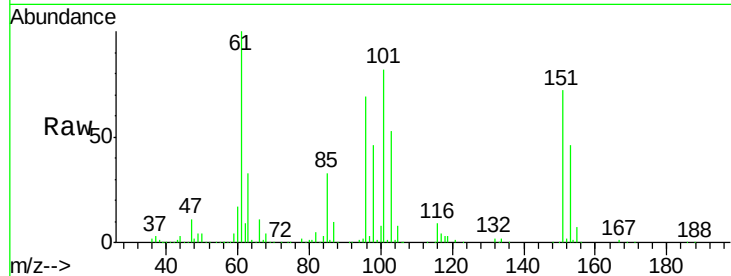
Tot Ion:101 Resp: 137580

Ion Ratio Lower Upper

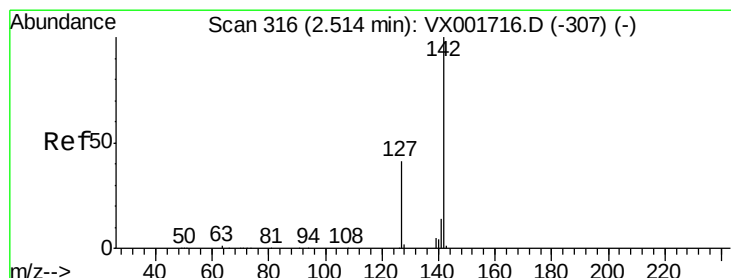
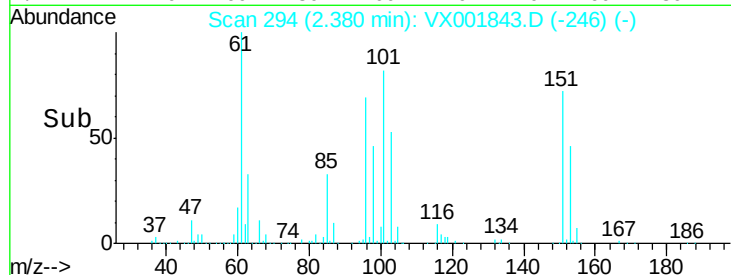
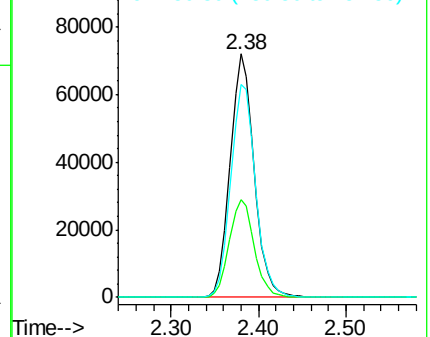
101 100

85 41.5 33.7 50.5

151 90.5 73.0 109.6



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



#10

Methyl Iodide

Concen: 73.07 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

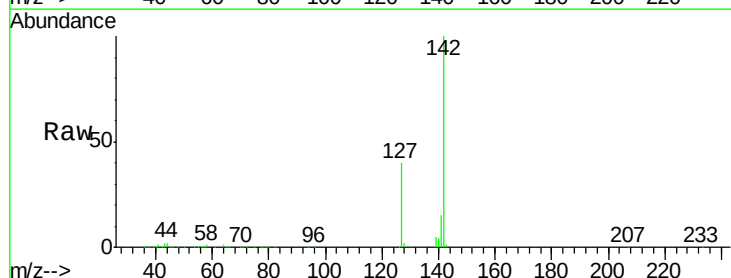
Tgt Ion:142 Resp: 192094

Ion Ratio Lower Upper

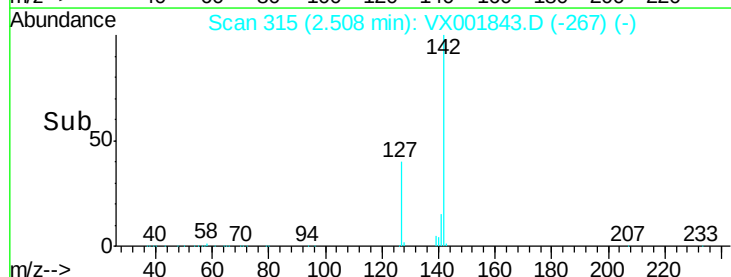
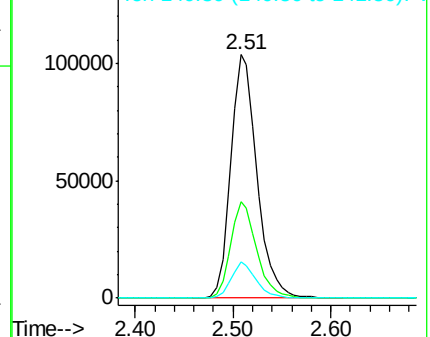
142 100

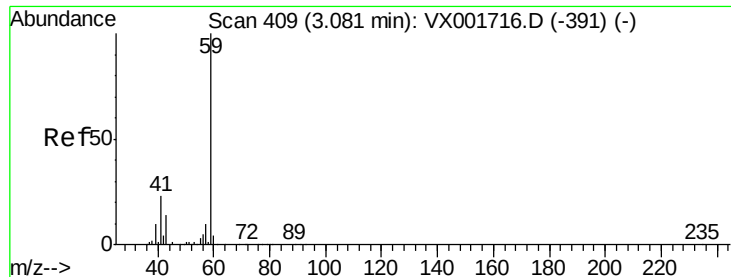
127 39.3 32.5 48.7

141 14.1 11.4 17.0



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



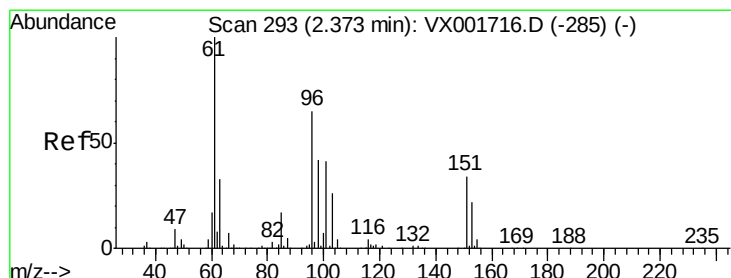
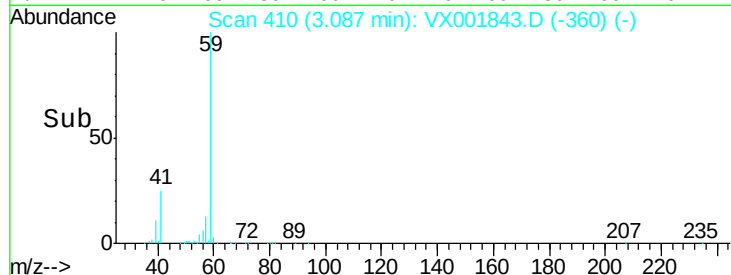
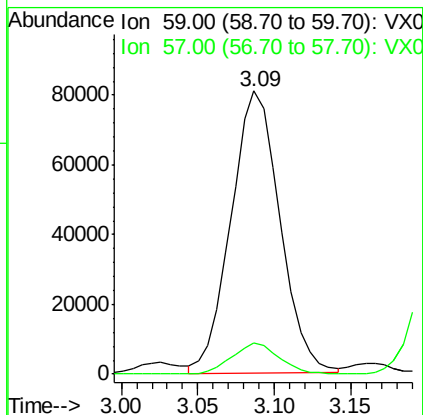
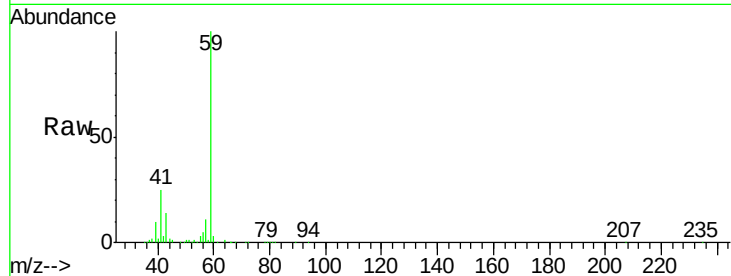


#11

Tert butyl alcohol
 Concen: 271.54 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :

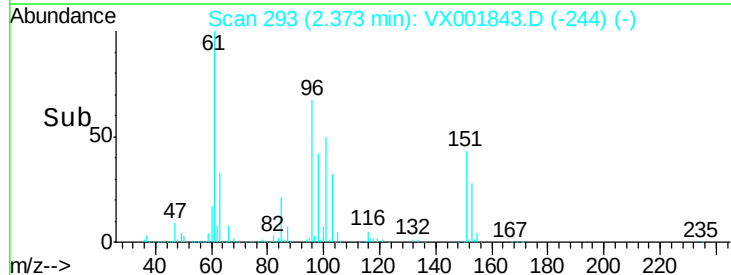
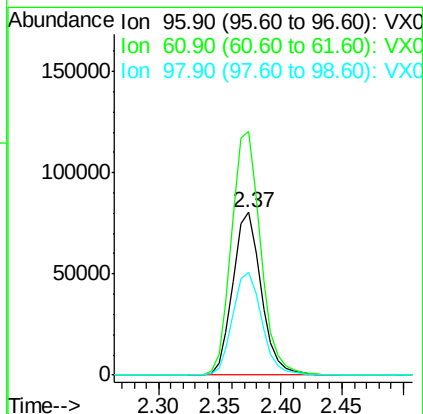
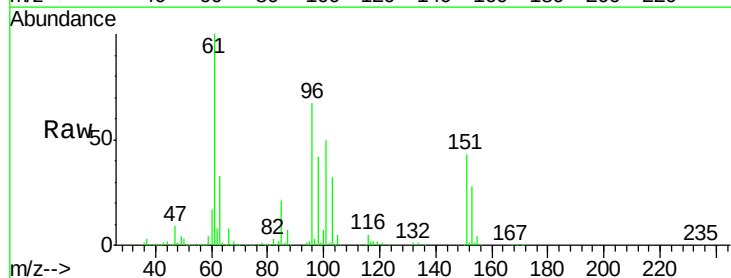
Tot Ion: 59 Resp: 180108
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.5 12.7

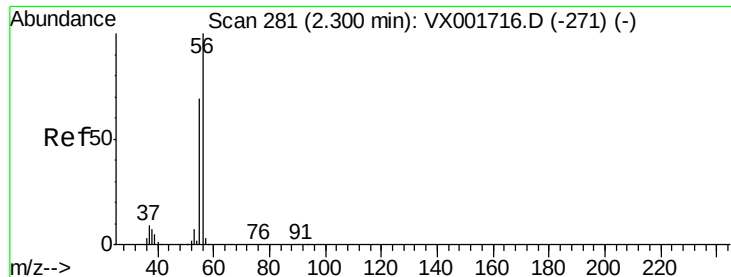


#12

1,1-Dichloroethene
 Concen: 47.00 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Tgt Ion: 96 Resp: 129466
 Ion Ratio Lower Upper
 96 100
 61 149.8 122.2 183.2
 98 63.3 51.4 77.0





#13

Acrolein

Concen: 196.83 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

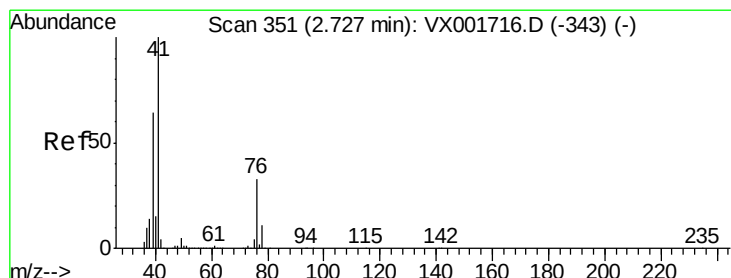
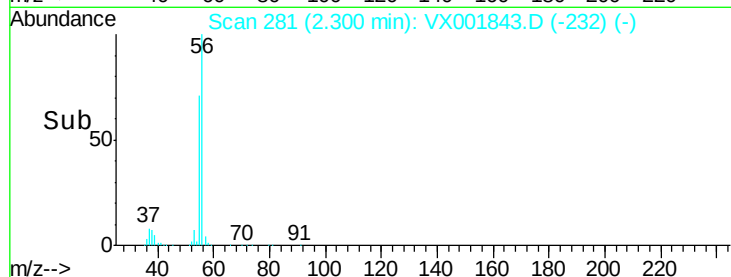
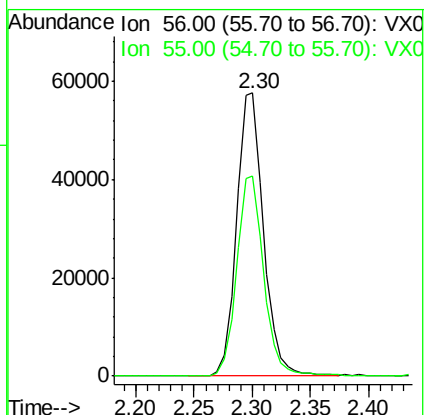
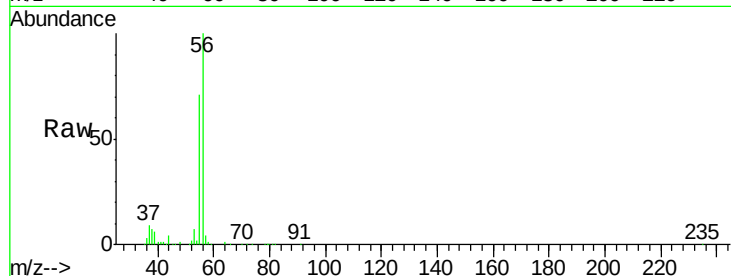
ClientSampleId :

Tot Ion: 56 Resp: 92591

Ion Ratio Lower Upper

56 100

55 70.9 56.2 84.2



#14

Allyl chloride

Concen: 50.01 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

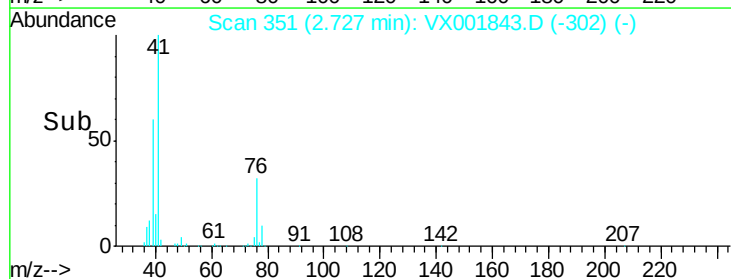
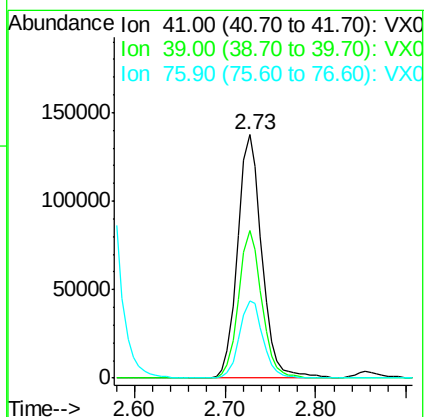
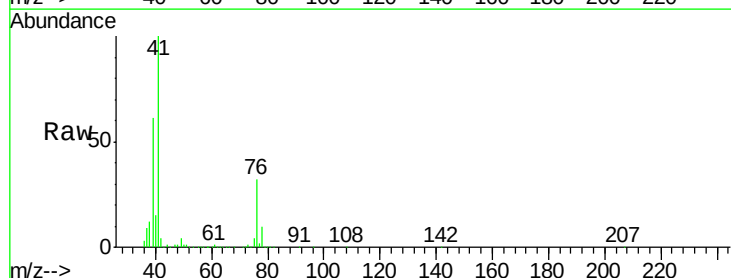
Tgt Ion: 41 Resp: 254664

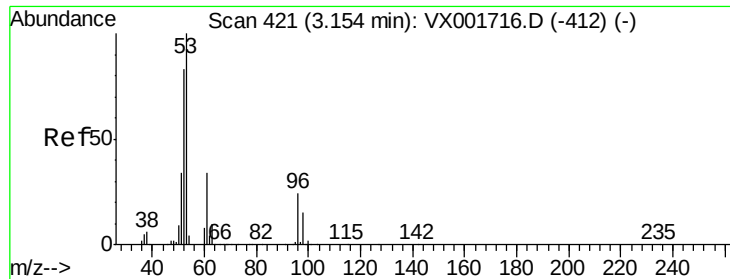
Ion Ratio Lower Upper

41 100

39 58.3 49.8 74.6

76 31.2 25.8 38.8





#15

Acrylonitrile

Concen: 261.77 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

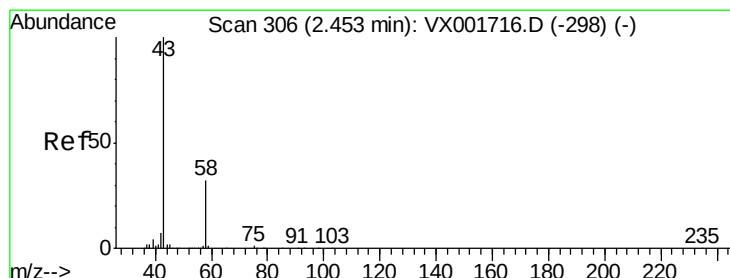
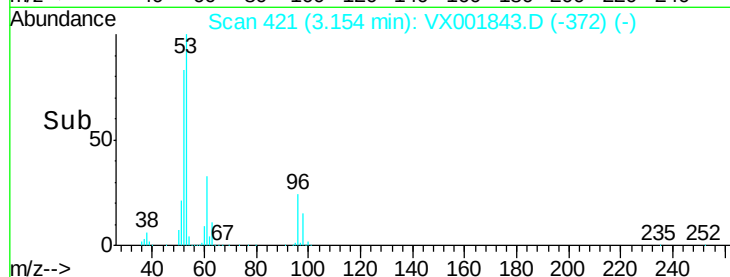
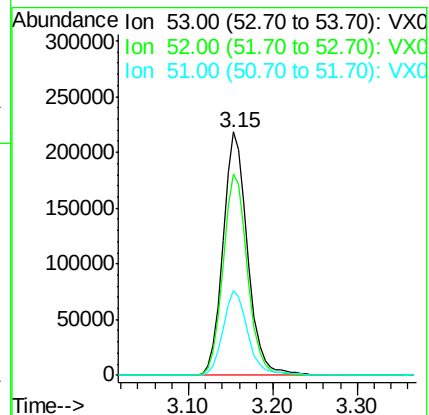
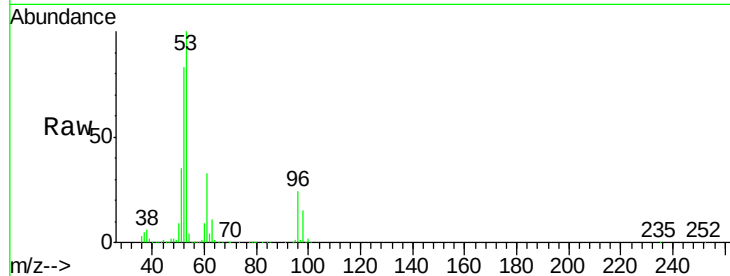
Tot Ion: 53 Resp: 436082

Ion Ratio Lower Upper

53 100

52 82.3 65.6 98.4

51 35.4 28.1 42.1



#16

Acetone

Concen: 247.43 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001843.D

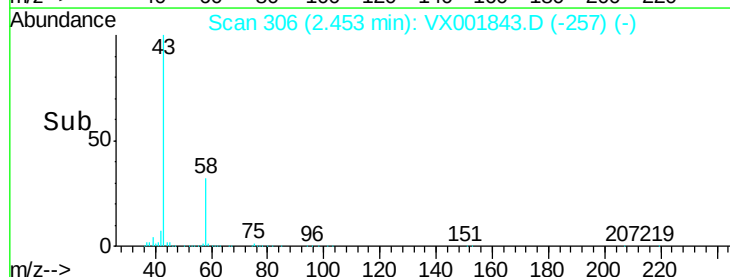
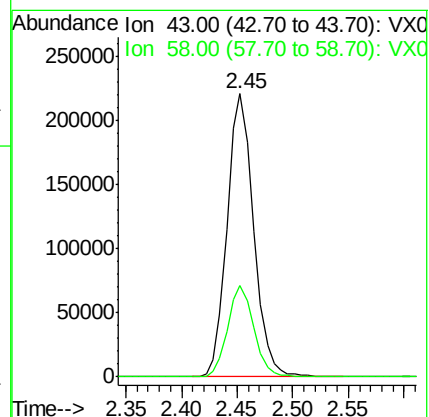
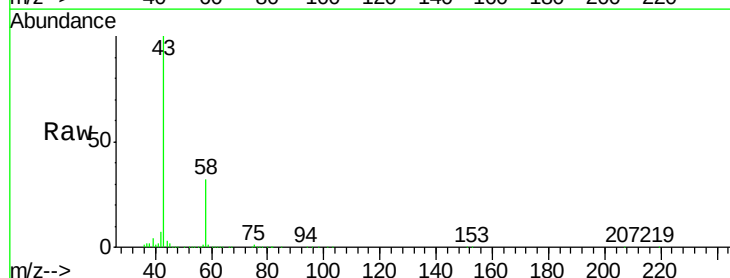
Acq: 18 May 2018 22:54

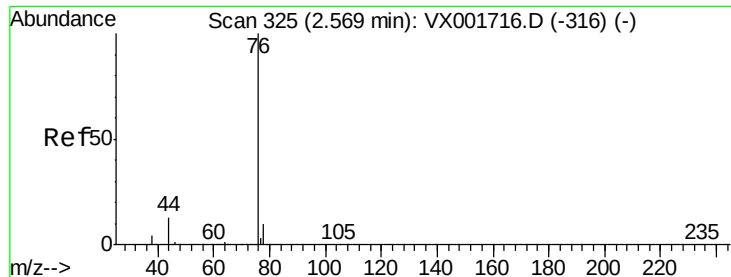
Tgt Ion: 43 Resp: 363066

Ion Ratio Lower Upper

43 100

58 32.4 25.3 37.9

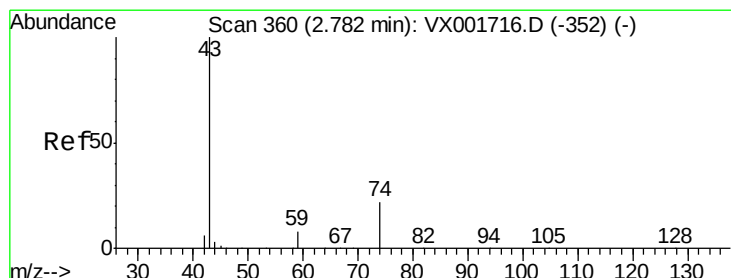
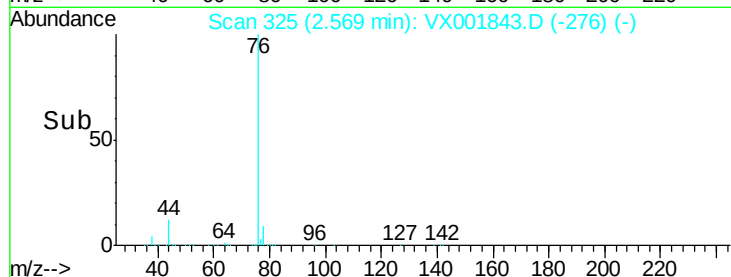
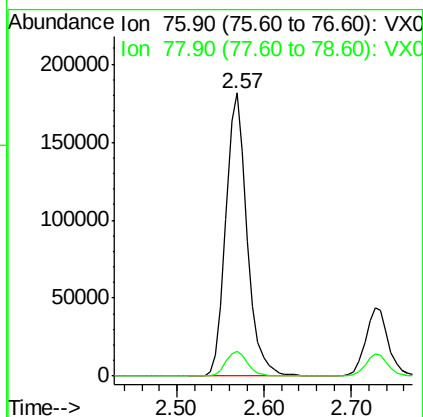
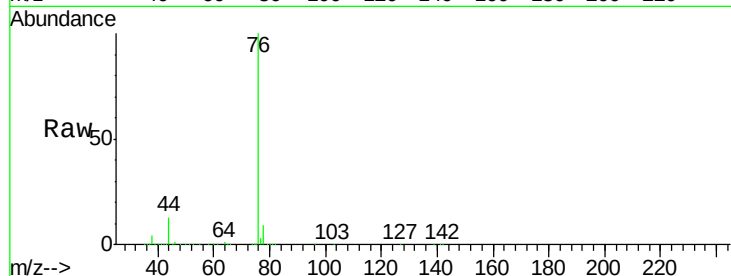




#17
Carbon Disulfide
Concen: 42.47 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

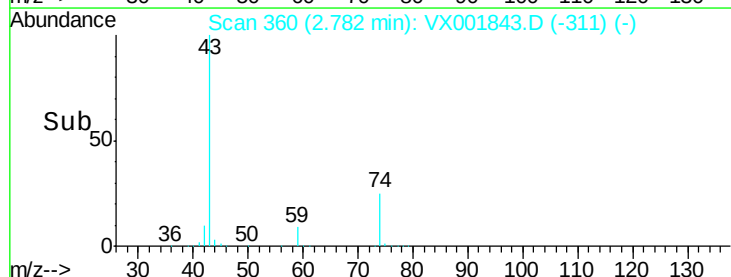
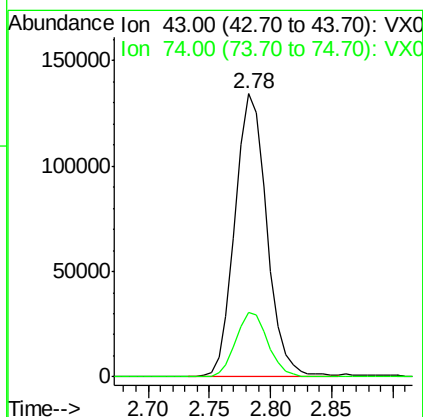
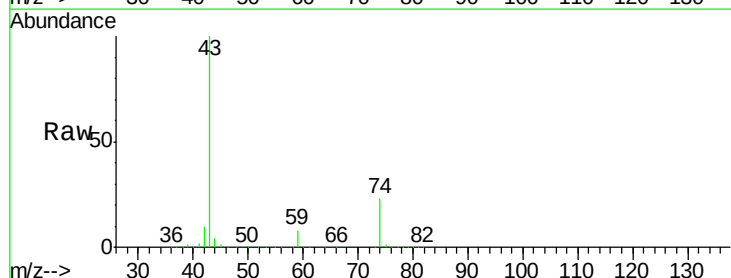
Instrument :
MSVOA_X
ClientSampleId :

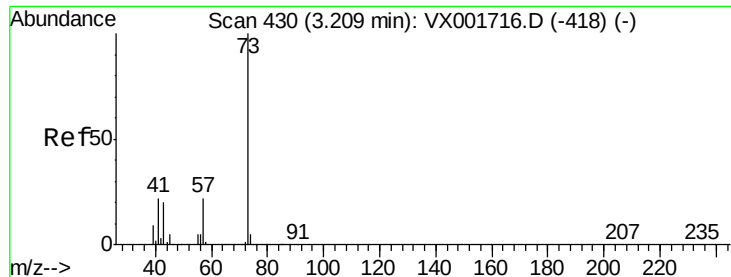
Tot Ion: 76 Resp: 305174
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 56.22 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Tgt Ion: 43 Resp: 241168
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.2

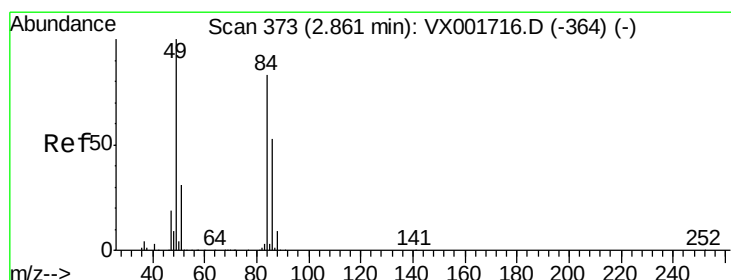
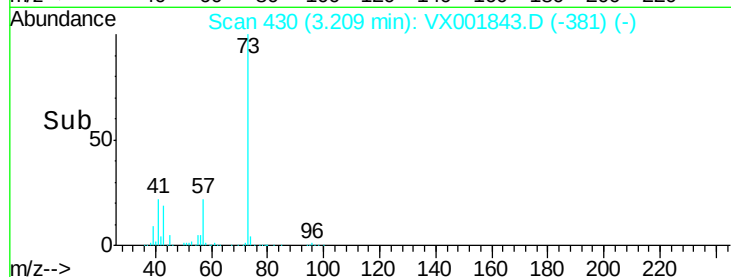
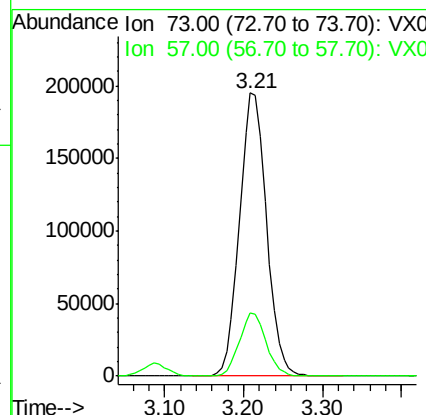
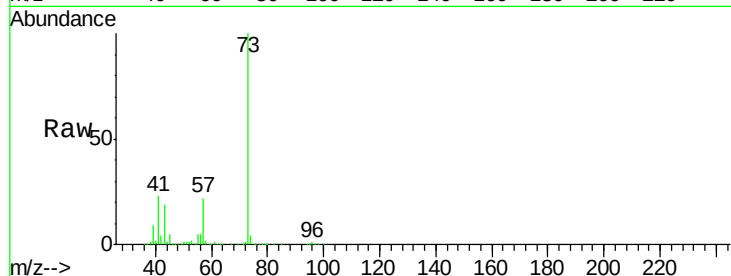




#19
Methyl tert-butyl Ether
Concen: 50.23 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

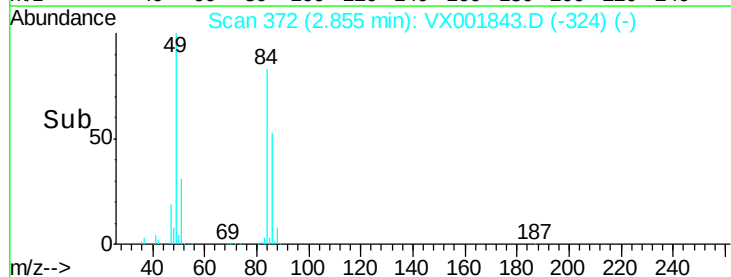
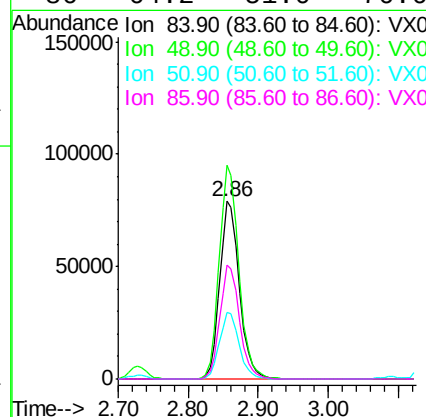
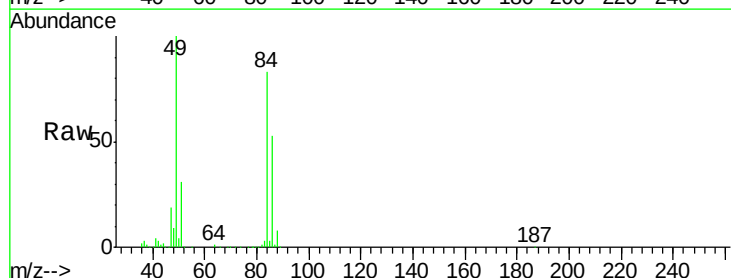
Instrument :
MSVOA_X
ClientSampled :

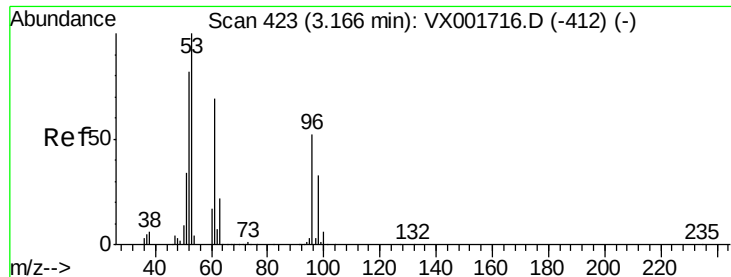
Tot Ion: 73 Resp: 466438
Ion Ratio Lower Upper
73 100
57 22.1 17.5 26.3



#20
Methylene Chloride
Concen: 48.87 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Tgt Ion: 84 Resp: 153492
Ion Ratio Lower Upper
84 100
49 120.4 96.3 144.5
51 37.7 29.8 44.6
86 64.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 45.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampled :

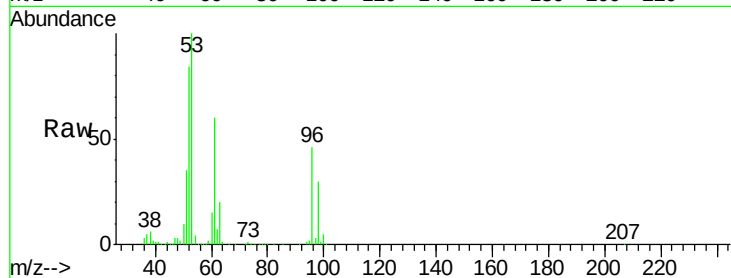
Tot Ion: 96 Resp: 139449

Ion Ratio Lower Upper

96 100

61 129.3 105.8 158.8

98 65.3 50.2 75.4

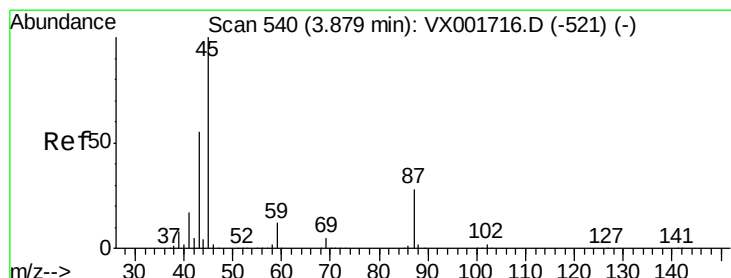
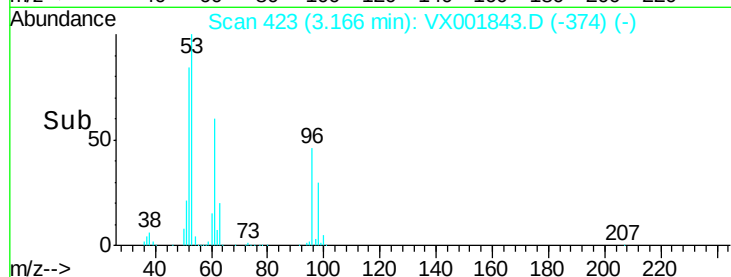
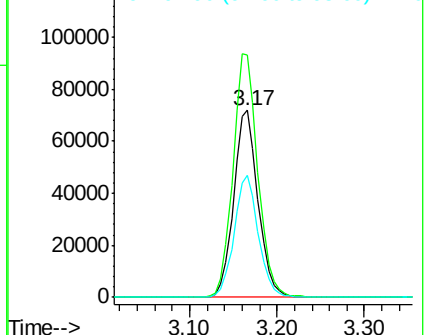


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.41 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Tgt Ion: 45 Resp: 511956

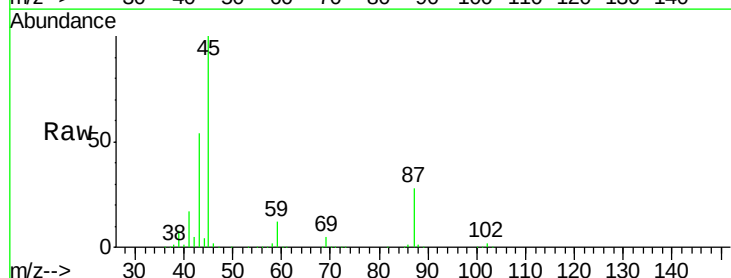
Ion Ratio Lower Upper

45 100

43 53.8 44.3 66.5

87 28.4 22.6 33.8

59 11.6 9.4 14.0



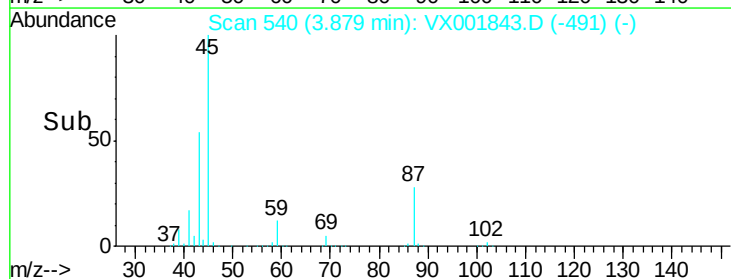
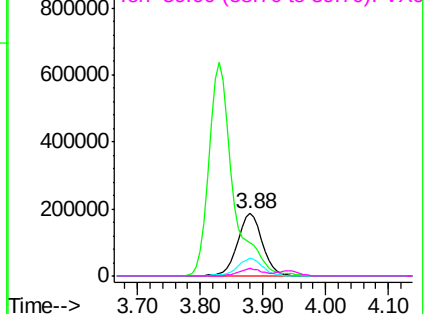
Abundance

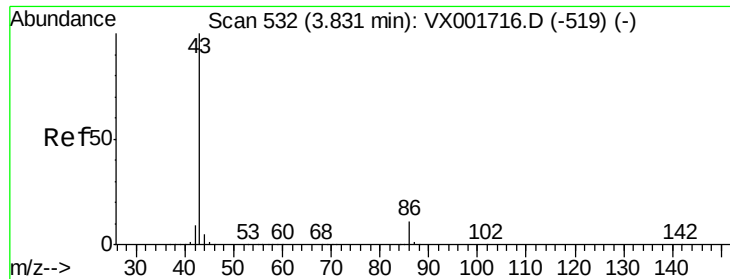
Ion 45.00 (44.70 to 45.70): VX0

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: 240.24 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

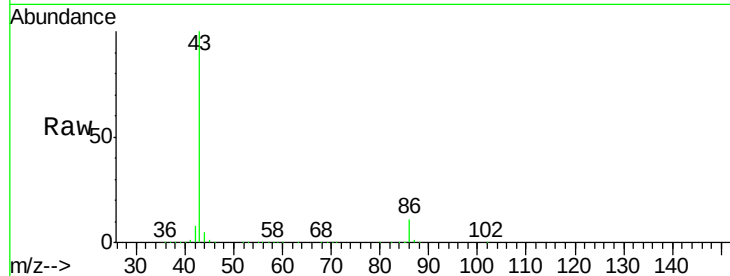
ClientSampleId :

Tot Ion: 43 Resp: 1690799

Ion Ratio Lower Upper

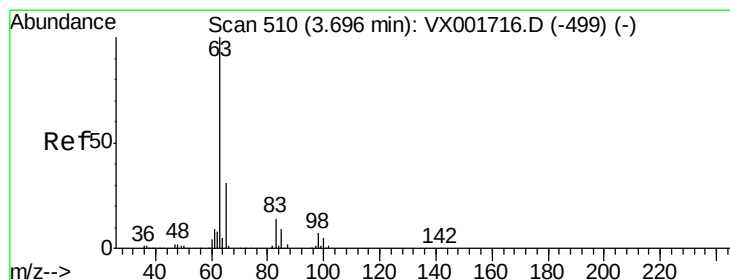
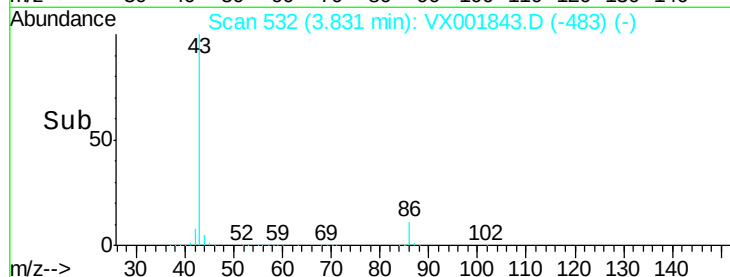
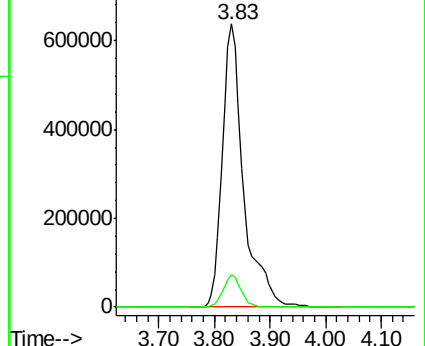
43 100

86 11.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.20 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

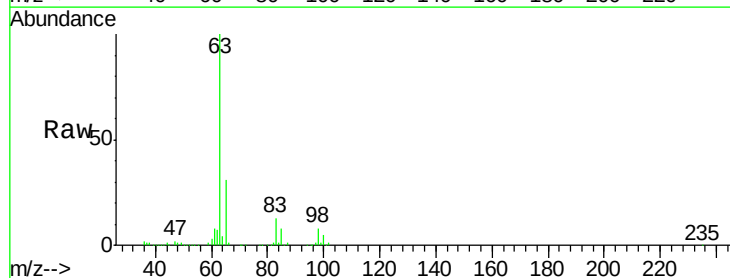
Tgt Ion: 63 Resp: 268930

Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

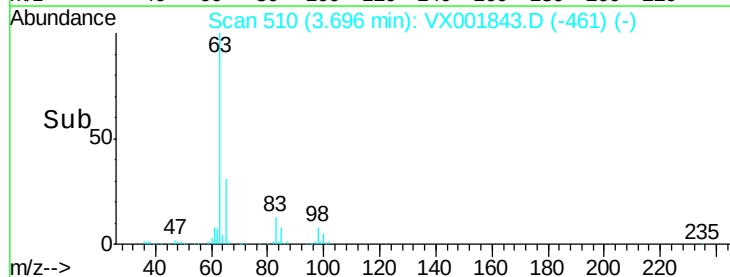
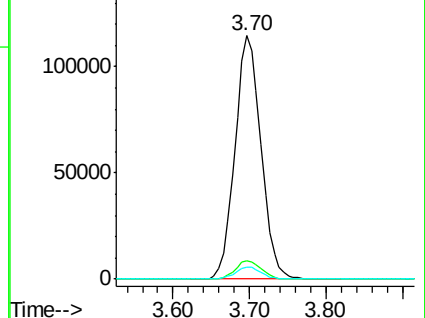
100 4.9 2.4 7.2

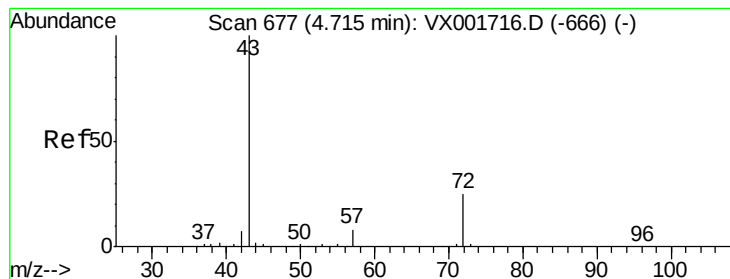


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 277.07 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

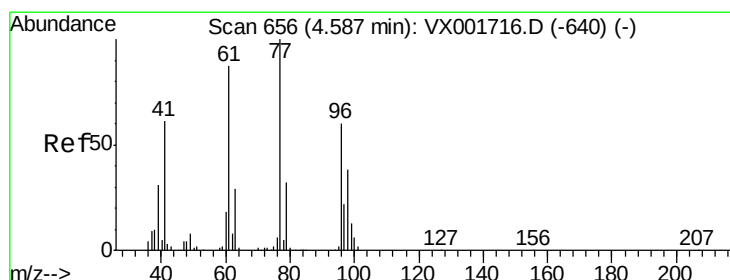
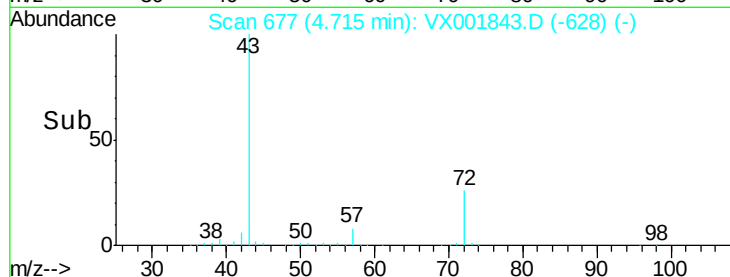
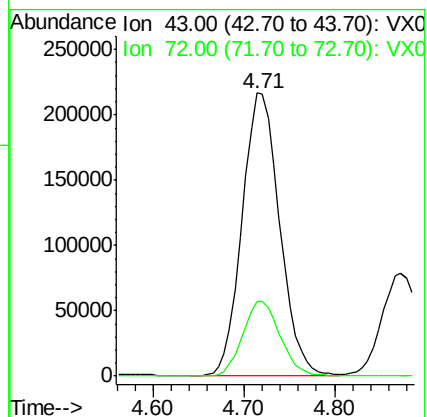
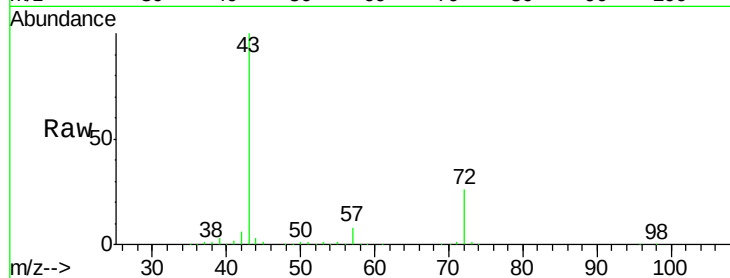
ClientSampleId :

Tot Ion: 43 Resp: 622433

Ion Ratio Lower Upper

43 100

72 26.2 19.8 29.6



#26

2,2-Dichloropropane

Concen: 40.02 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001843.D

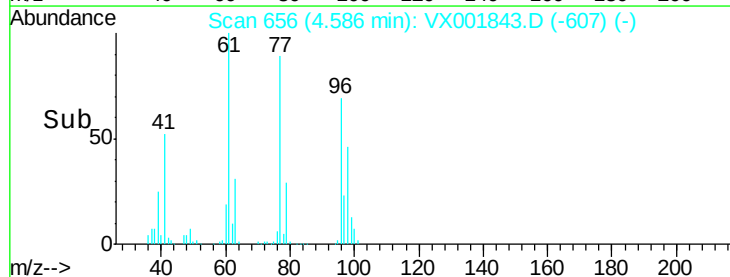
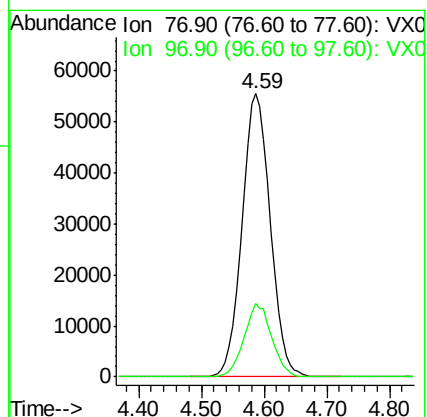
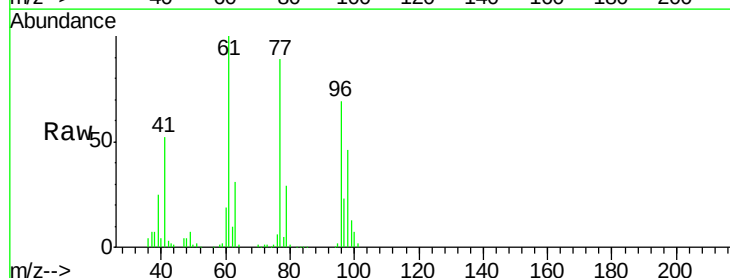
Acq: 18 May 2018 22:54

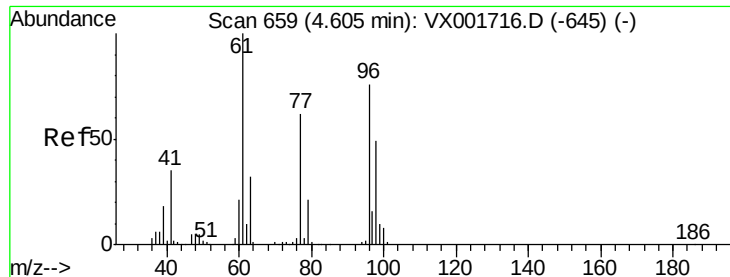
Tgt Ion: 77 Resp: 172591

Ion Ratio Lower Upper

77 100

97 25.4 11.6 34.8



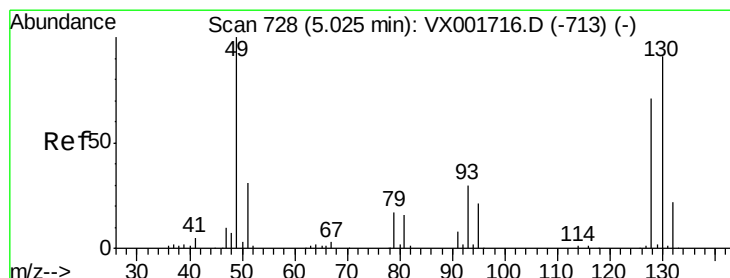
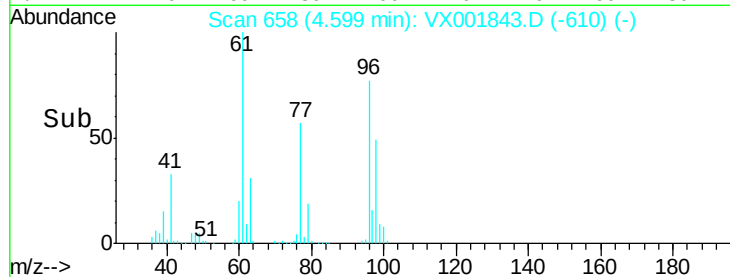
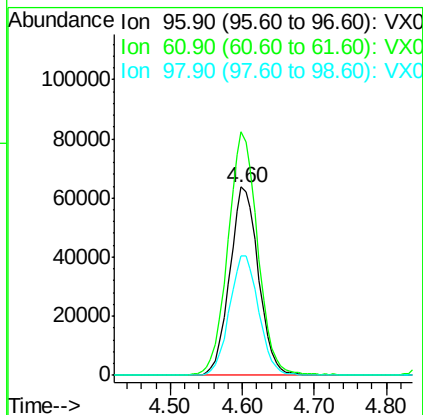
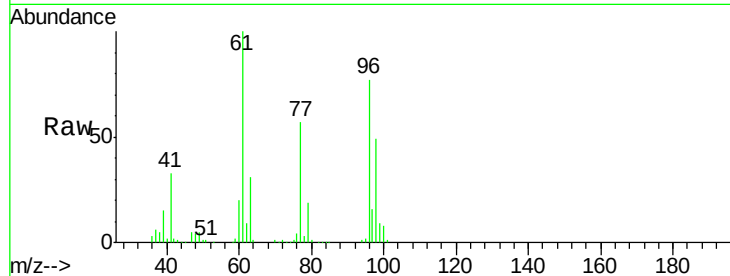


#27

cis-1,2-Dichloroethene
 Concen: 51.07 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :

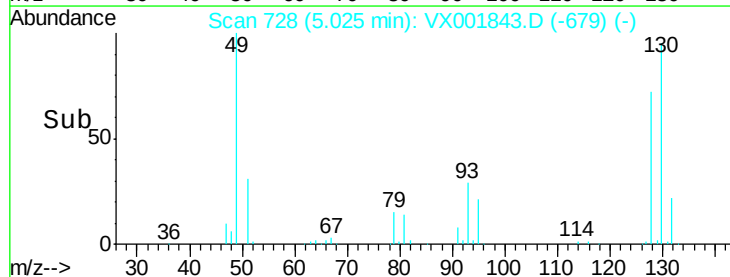
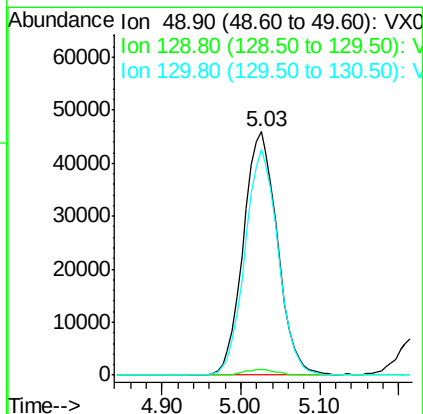
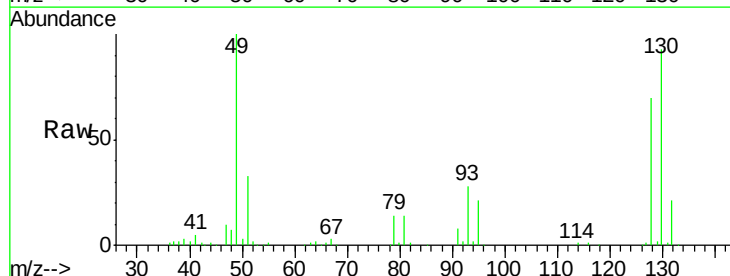
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	280.4
98	64.5	0.0	128.4

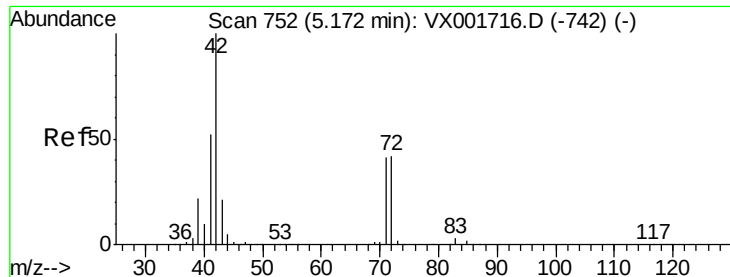


#28

Bromochloromethane
 Concen: 57.92 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	90.5	71.8	107.6

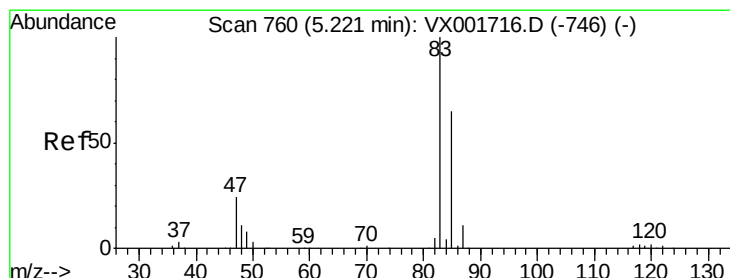
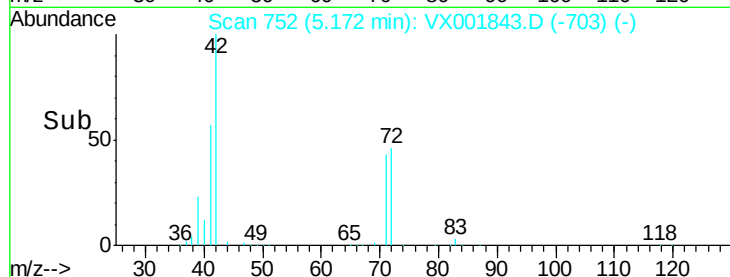
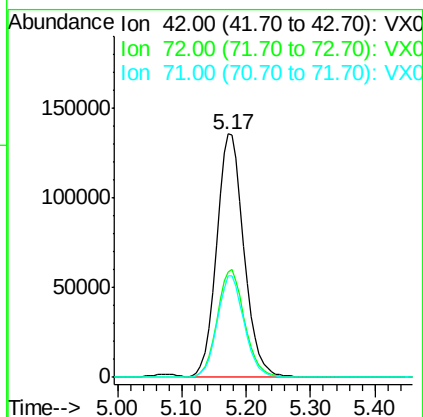
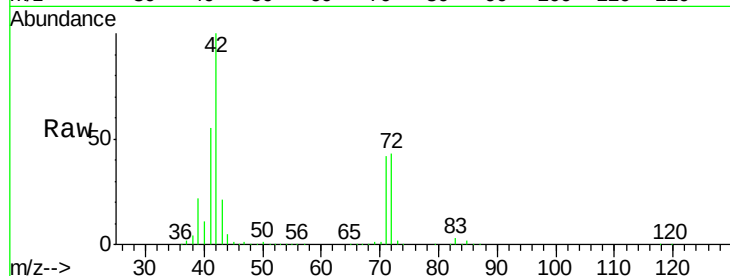




#29
Tetrahydrofuran
Concen: 275.70 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

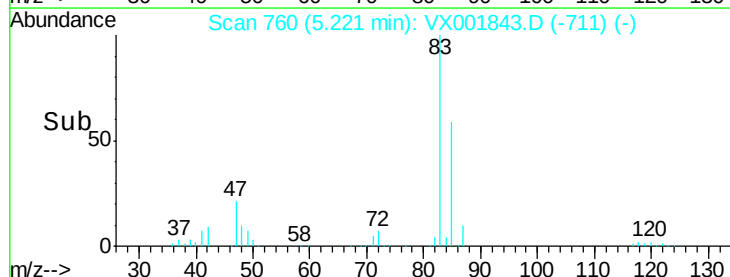
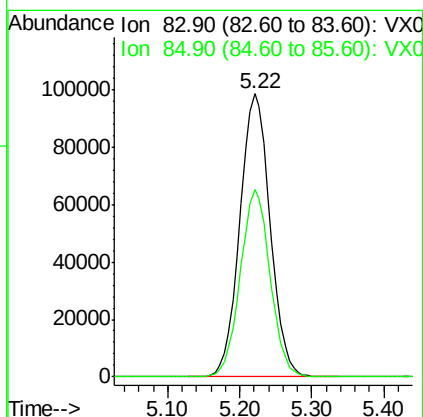
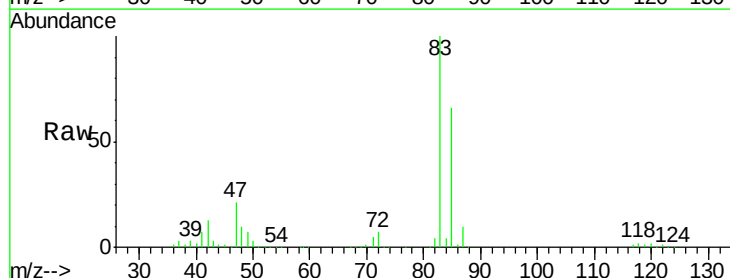
Instrument :
MSVOA_X
ClientSampleId :

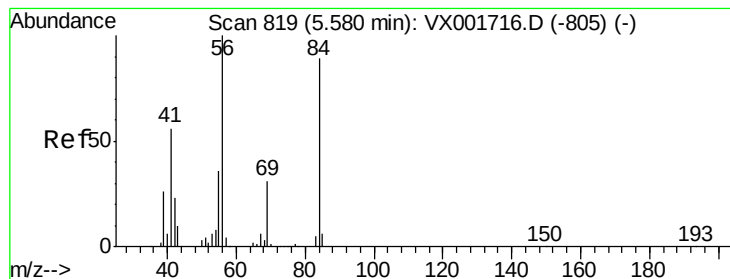
Tot Ion: 42 Resp: 403721
Ion Ratio Lower Upper
42 100
72 44.6 35.4 53.2
71 41.3 33.2 49.8



#30
Chloroform
Concen: 50.99 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Tgt Ion: 83 Resp: 286936
Ion Ratio Lower Upper
83 100
85 66.0 52.3 78.5





#31

Cyclohexane

Concen: 51.36 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampled :

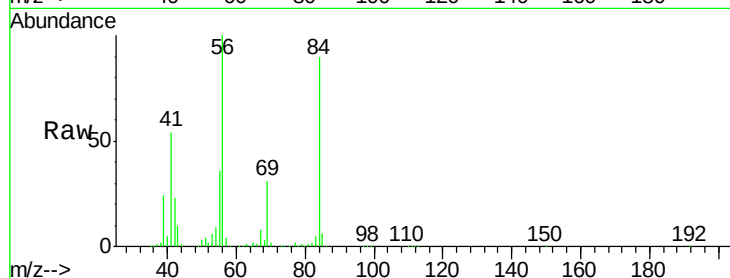
Tot Ion: 56 Resp: 241181

Ion Ratio Lower Upper

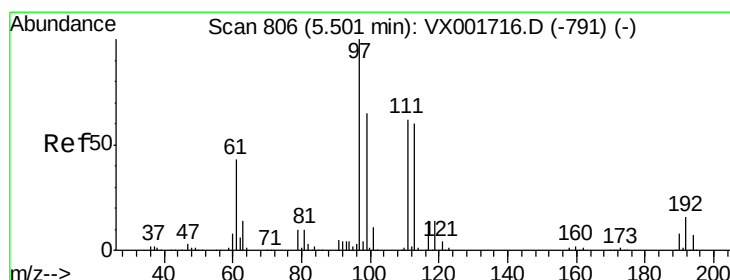
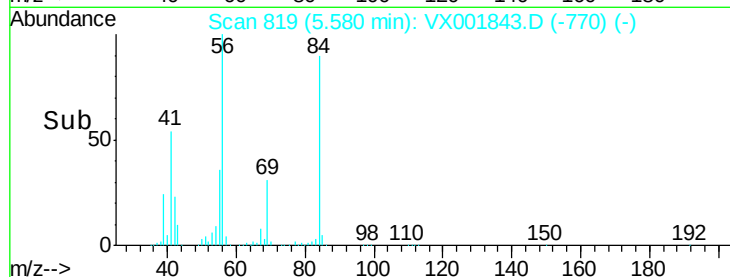
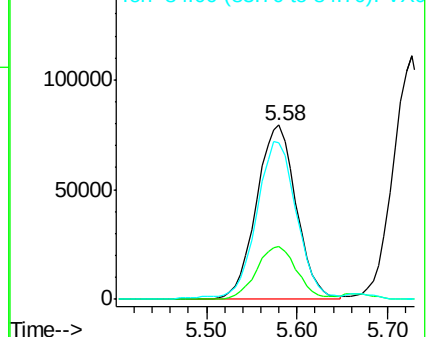
56 100

69 30.6 25.0 37.6

84 88.9 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 50.57 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

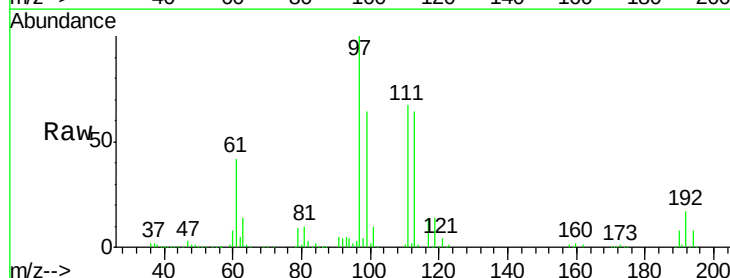
Tgt Ion: 97 Resp: 245915

Ion Ratio Lower Upper

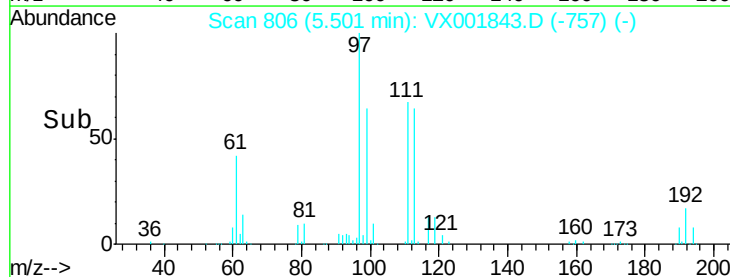
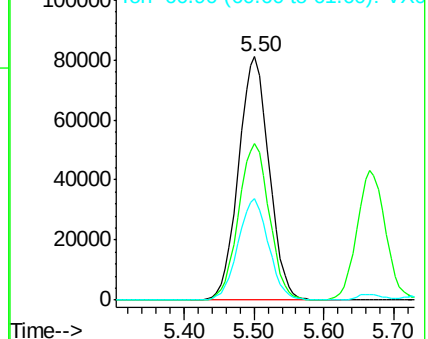
97 100

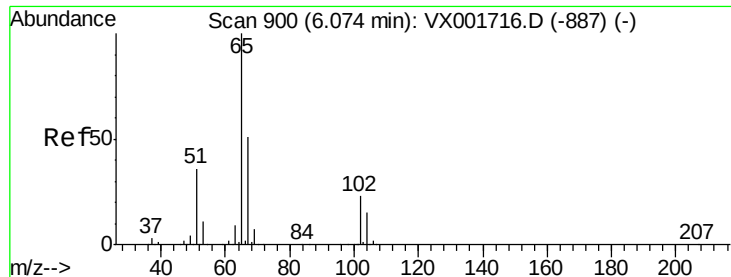
99 64.9 51.3 76.9

61 41.6 34.0 51.0



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

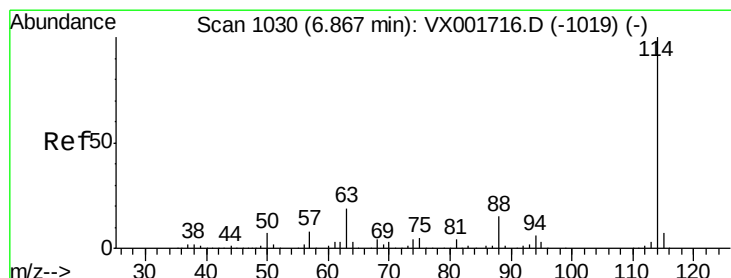
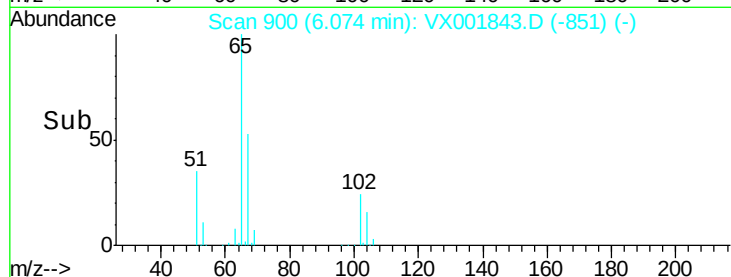
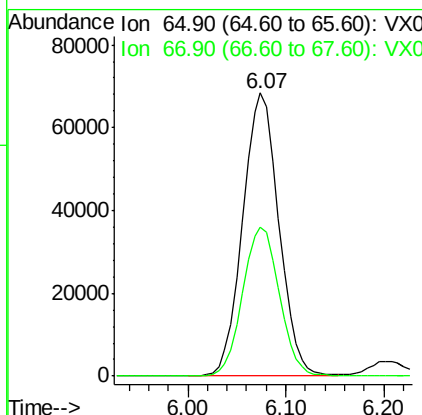
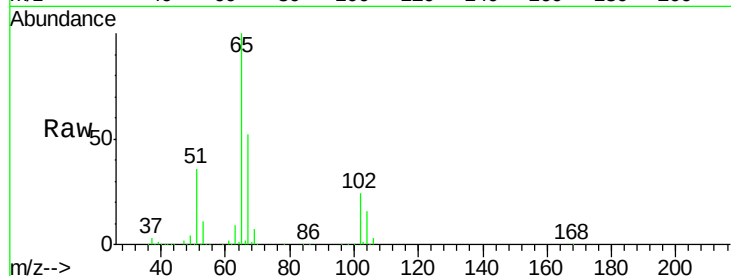




#33
 1,2-Dichloroethane-d4
 Concen: 46.99 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

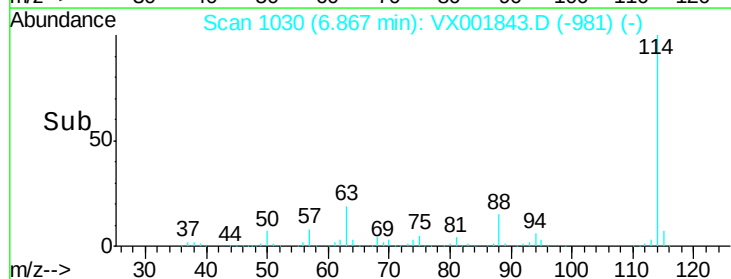
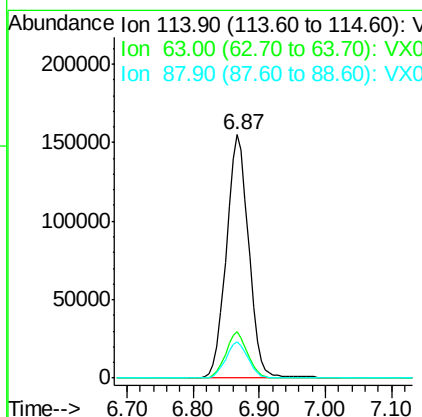
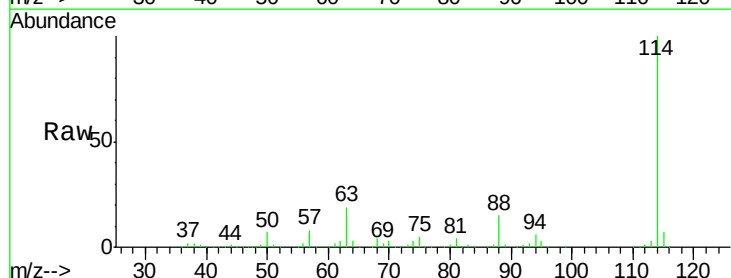
Instrument :
 MSVOA_X
 ClientSampleId :

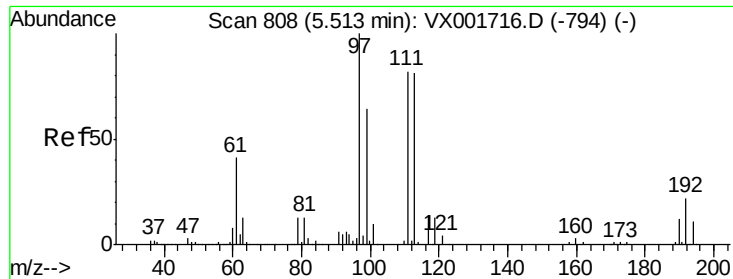
Tot Ion: 65 Resp: 175538
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Tgt Ion: 114 Resp: 363245
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 14.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 51.75 ug/l

RT: 5.51 min Scan# 807

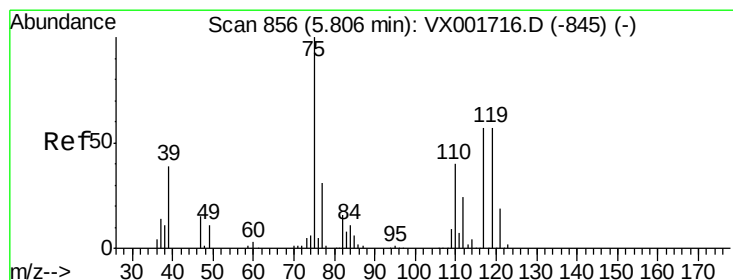
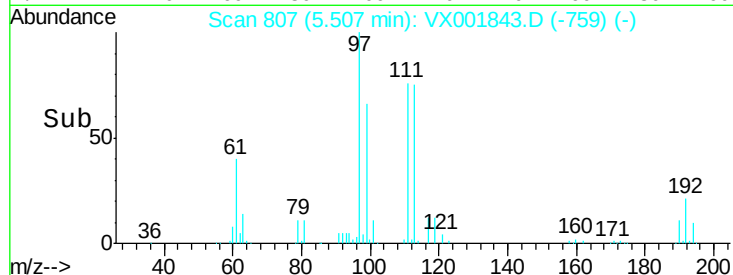
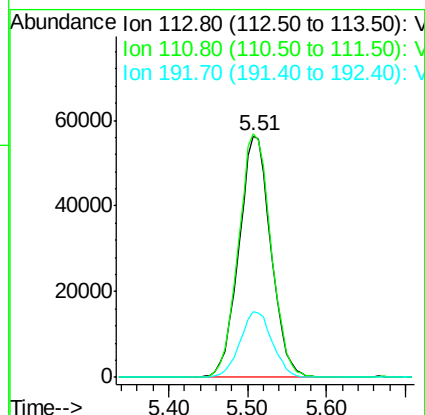
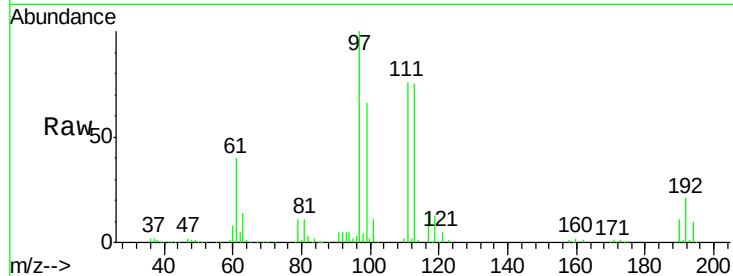
Delta R.T. -0.01 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 158629
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 27.5 21.6 32.4



#36

1,1-Dichloropropene

Concen: 48.79 ug/l

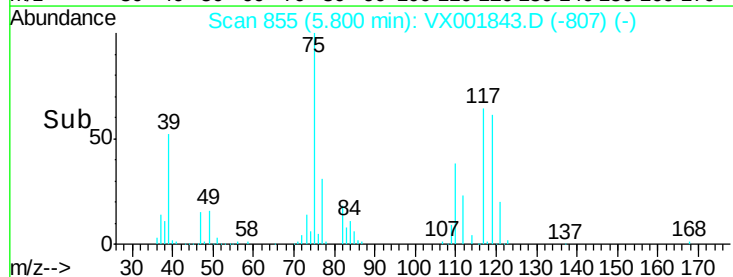
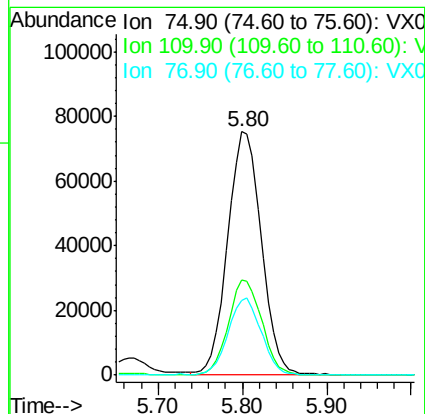
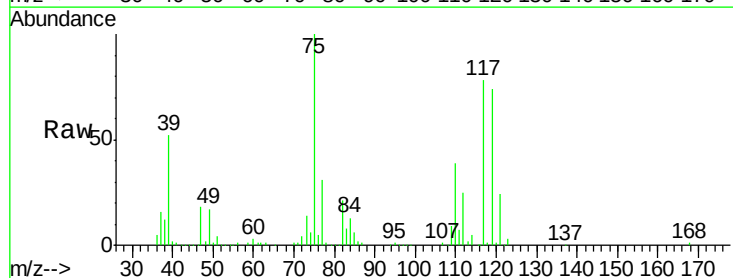
RT: 5.80 min Scan# 855

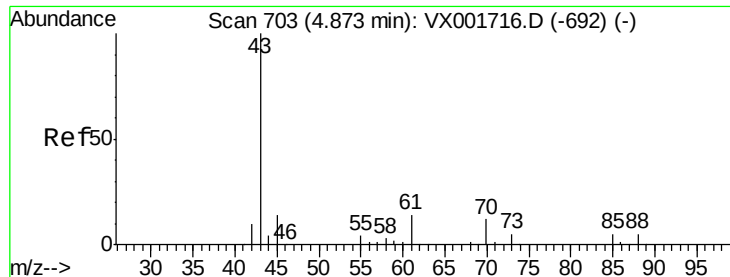
Delta R.T. -0.01 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Tgt Ion: 75 Resp: 204005
Ion Ratio Lower Upper
75 100
110 38.8 19.1 57.1
77 30.7 24.6 37.0

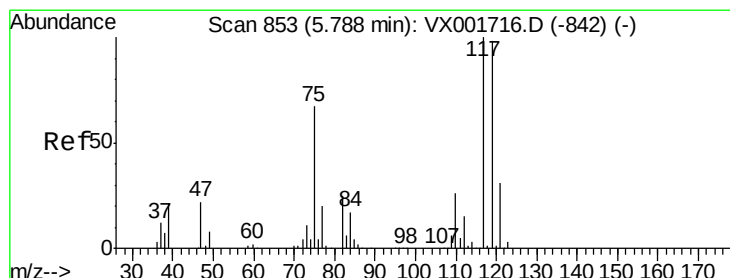
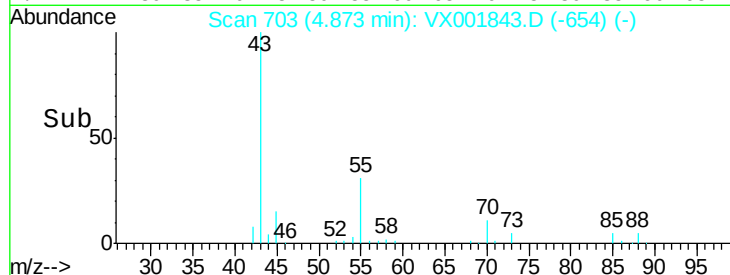
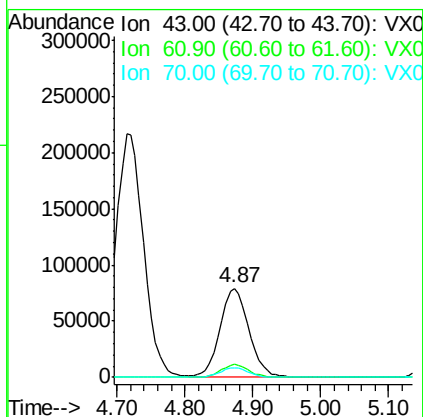
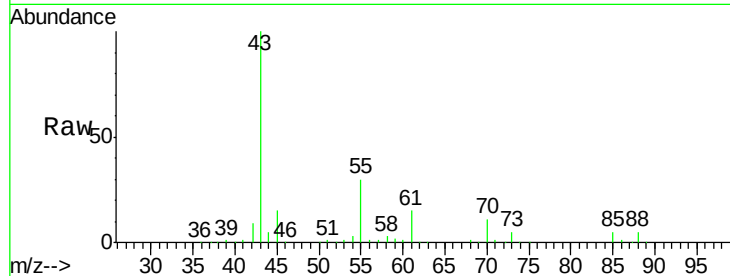




#37
Ethyl Acetate
Concen: 53.54 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

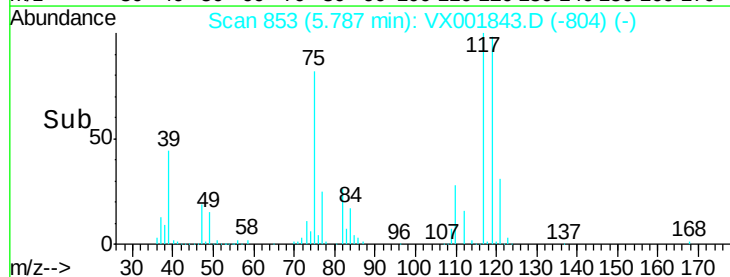
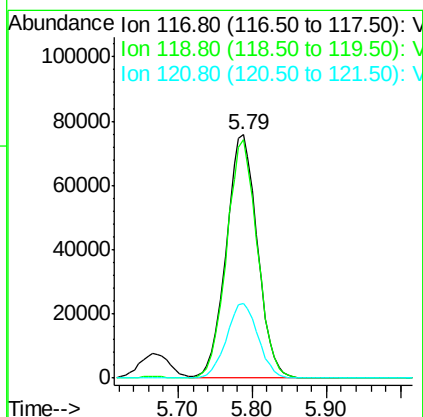
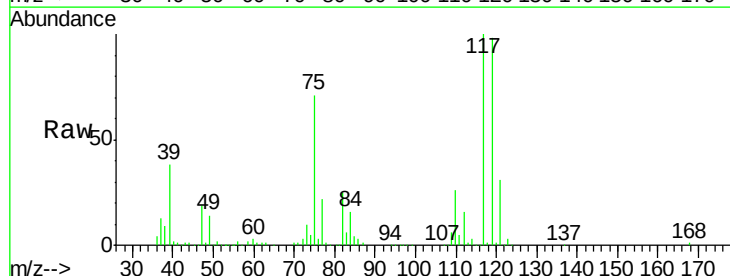
Instrument :
MSVOA_X
ClientSampled :

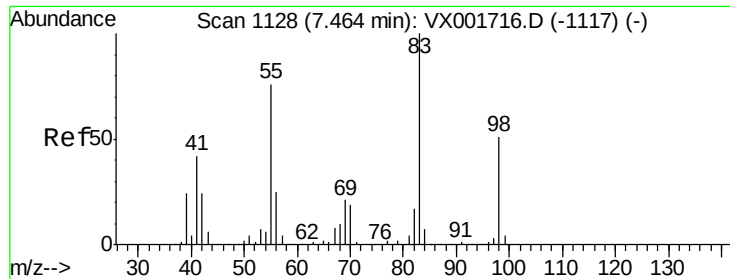
Tot Ion: 43 Resp: 233333
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 10.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 50.56 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Tgt Ion: 117 Resp: 221468
Ion Ratio Lower Upper
117 100
119 98.1 77.6 116.4
121 30.9 24.6 36.8

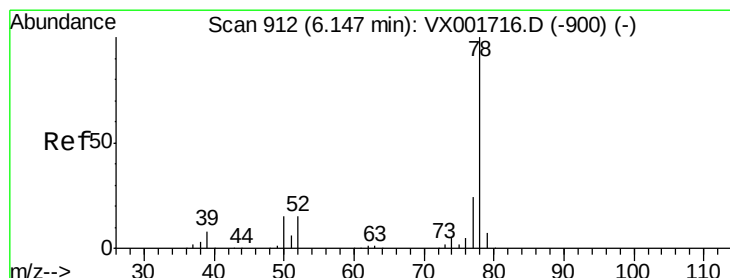
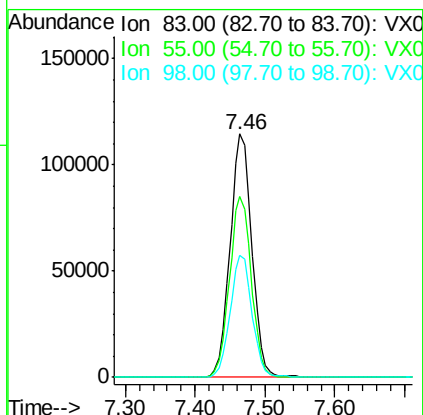
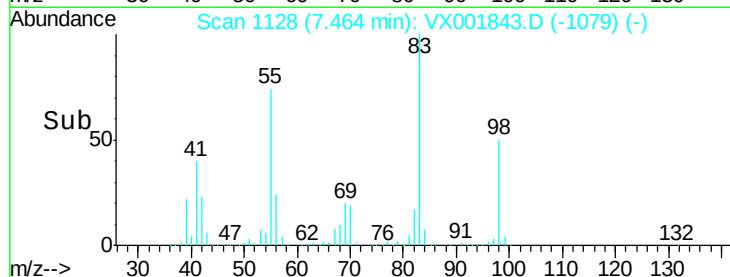
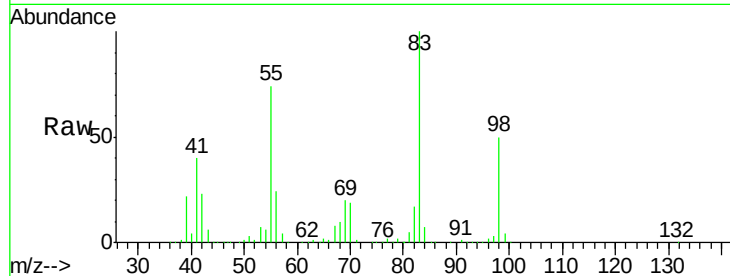




#39
Methylvlcyclohexane
Concen: 50.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

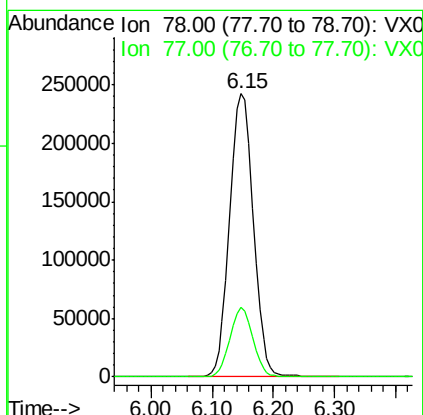
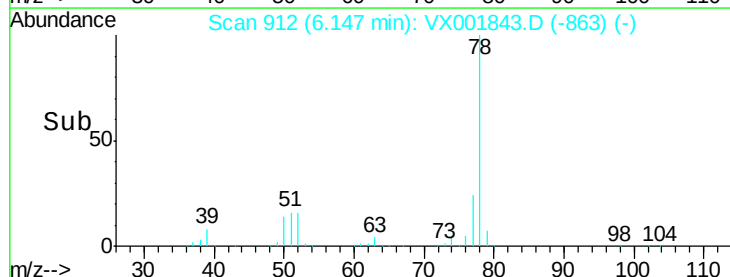
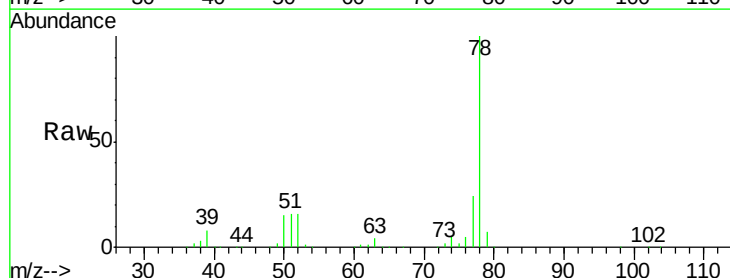
Instrument :
MSVOA_X
ClientSampled :

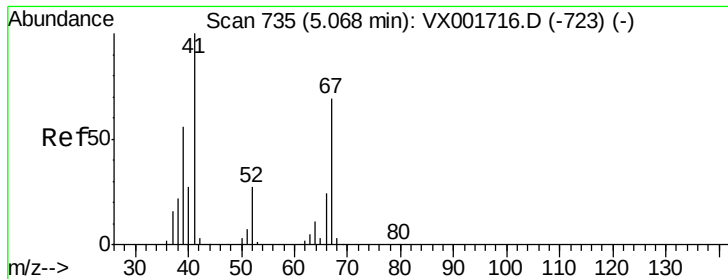
Tot Ion: 83 Resp: 247662
Ion Ratio Lower Upper
83 100
55 74.2 60.6 90.8
98 50.4 40.4 60.6



#40
Benzene
Concen: 52.63 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Tgt Ion: 78 Resp: 648419
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4





#41

Methacrylonitrile

Concen: 53.39 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 134542

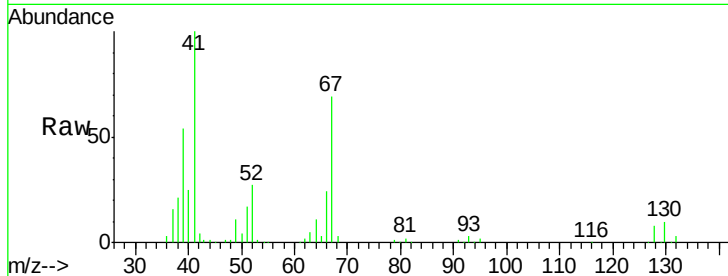
Ion Ratio Lower Upper

41 100

39 53.0 44.2 66.4

67 69.6 56.0 84.0

52 27.3 22.6 33.8

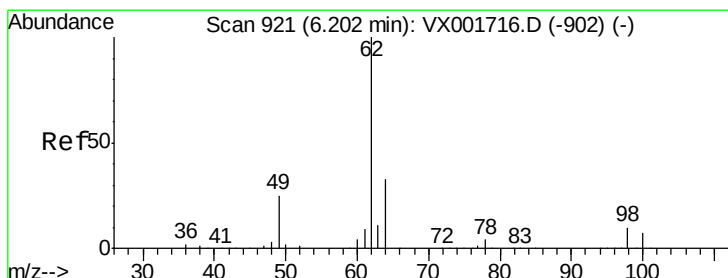
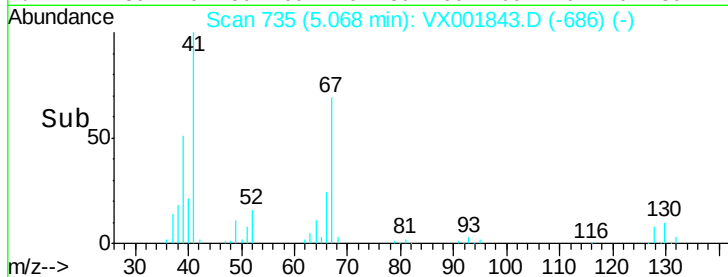
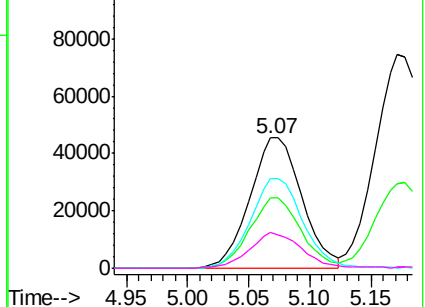


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.01 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX001843.D

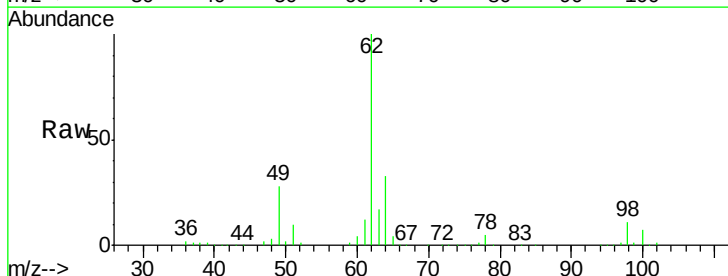
Acq: 18 May 2018 22:54

Tgt Ion: 62 Resp: 218356

Ion Ratio Lower Upper

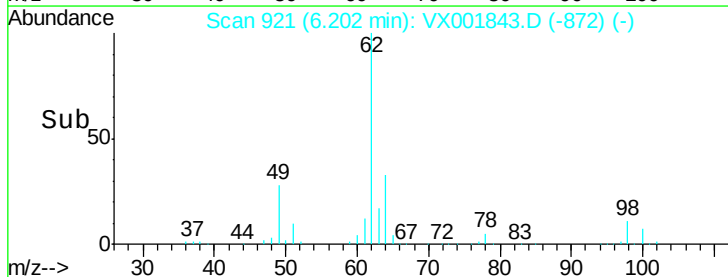
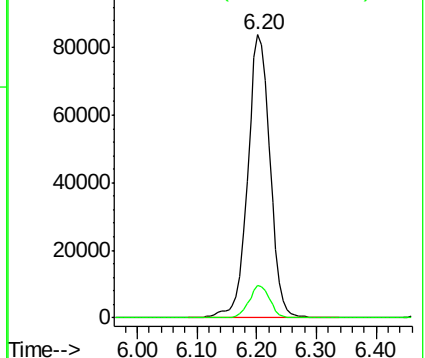
62 100

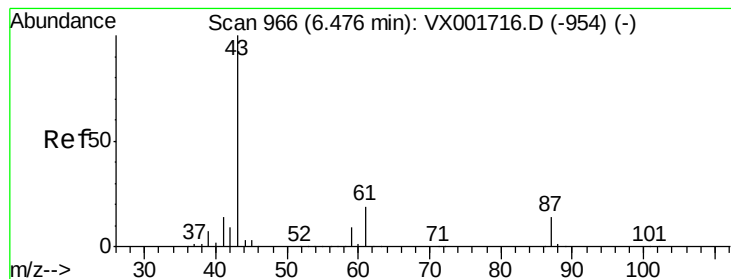
98 10.7 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.73 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

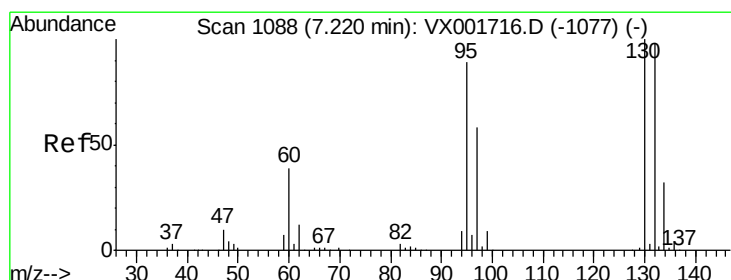
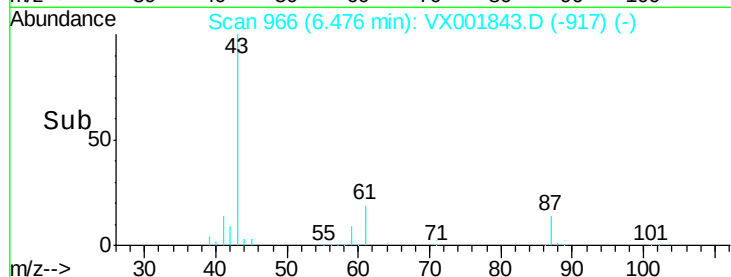
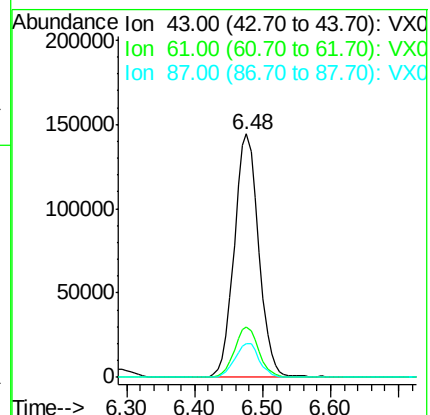
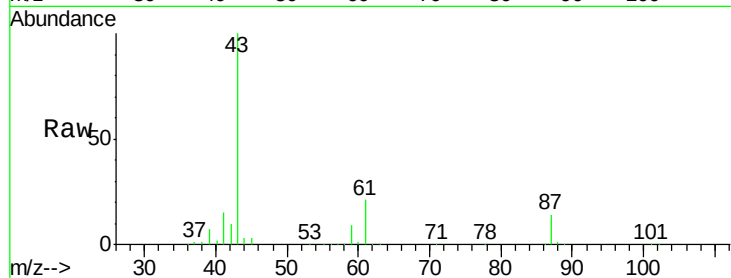
Tot Ion: 43 Resp: 359661

Ion Ratio Lower Upper

43 100

61 20.5 15.8 23.8

87 14.0 11.0 16.4



#44

Trichloroethene

Concen: 50.87 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001843.D

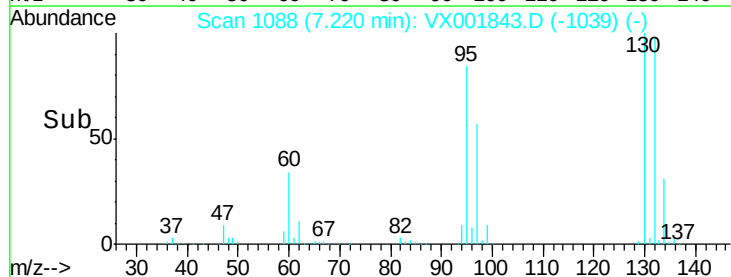
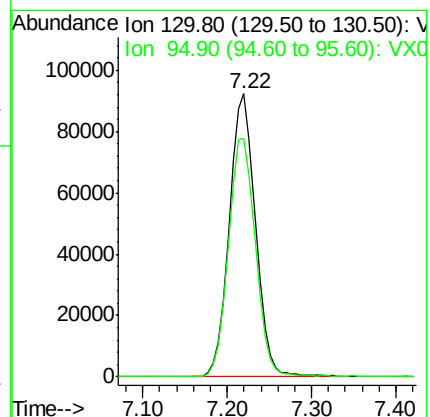
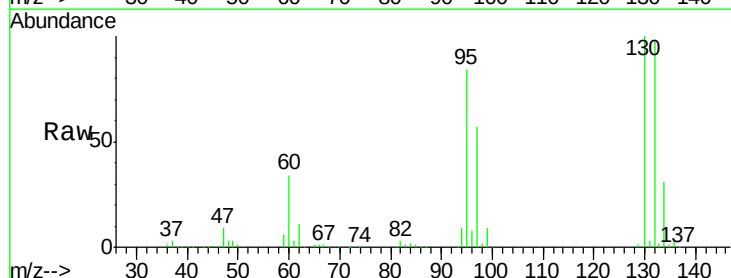
Acq: 18 May 2018 22:54

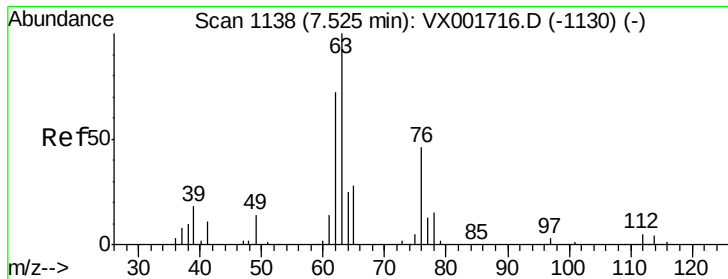
Tgt Ion:130 Resp: 194535

Ion Ratio Lower Upper

130 100

95 84.1 0.0 177.2

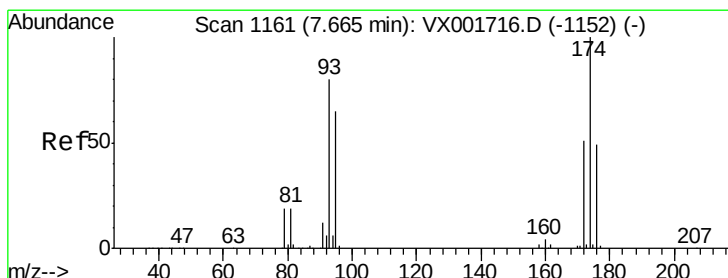
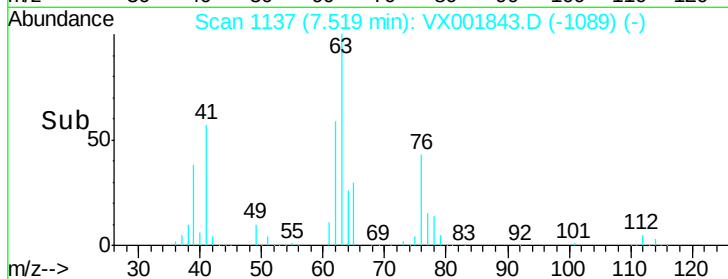
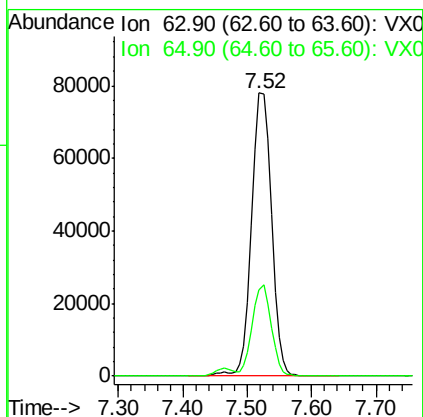
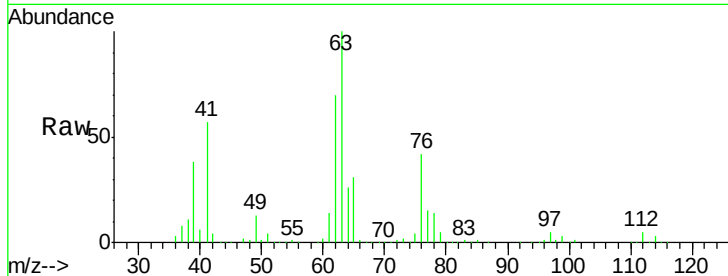




#45
 1,2-Dichloropropane
 Concen: 54.54 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

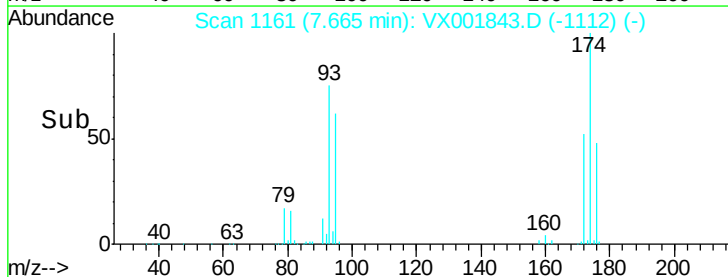
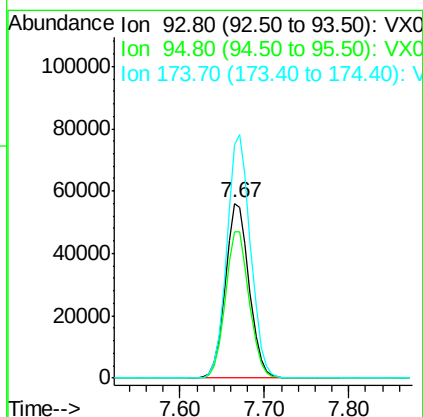
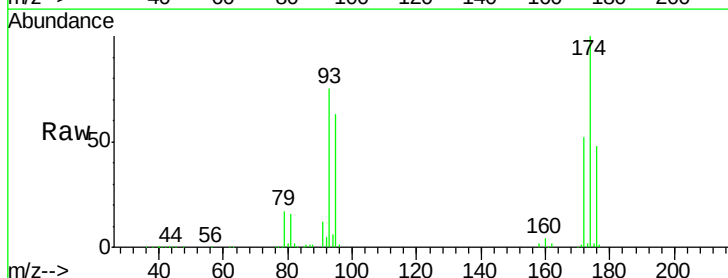
Instrument :
 MSVOA_X
 ClientSampleId :

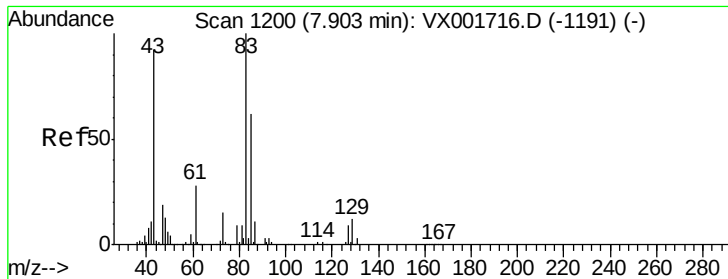
Tot Ion: 63 Resp: 164873
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.2 36.2



#46
 Dibromomethane
 Concen: 51.14 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Tgt Ion: 93 Resp: 108565
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.9 98.9
 174 137.3 106.2 159.2





#47

Bromodichloromethane

Concen: 53.30 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

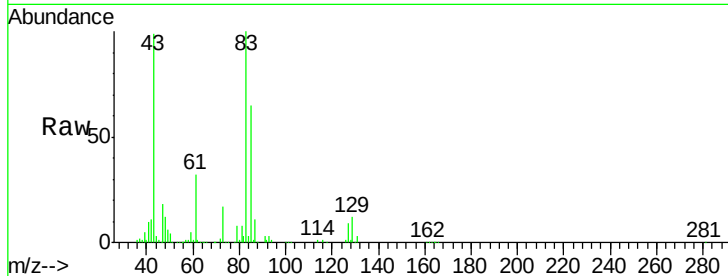
Tot Ion: 83 Resp: 209940

Ion Ratio Lower Upper

83 100

85 65.4 49.6 74.4

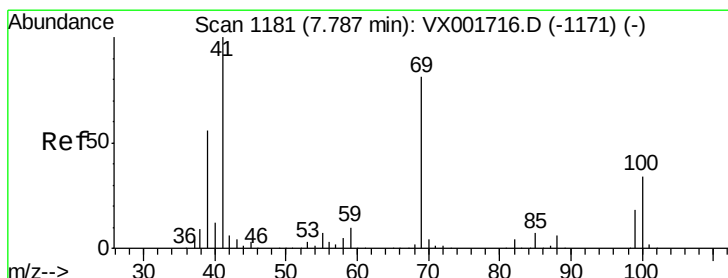
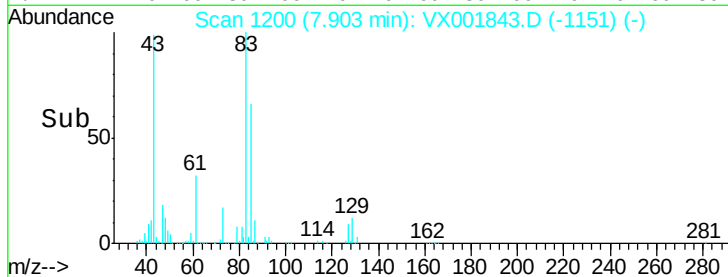
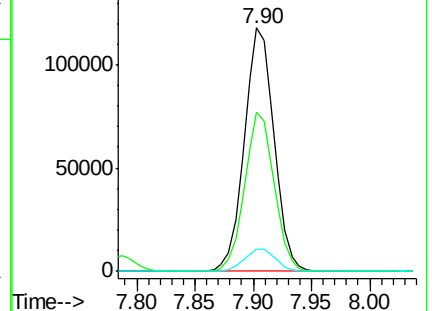
127 9.1 7.5 11.3



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: 53.74 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

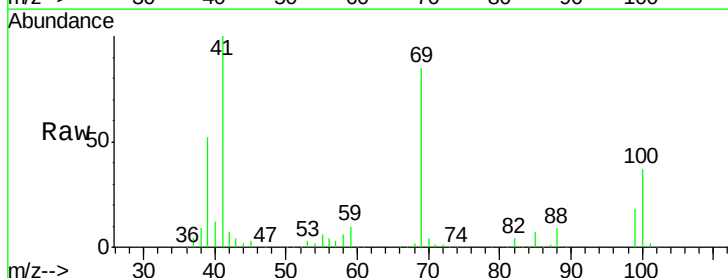
Tgt Ion: 41 Resp: 192916

Ion Ratio Lower Upper

41 100

69 84.1 65.2 97.8

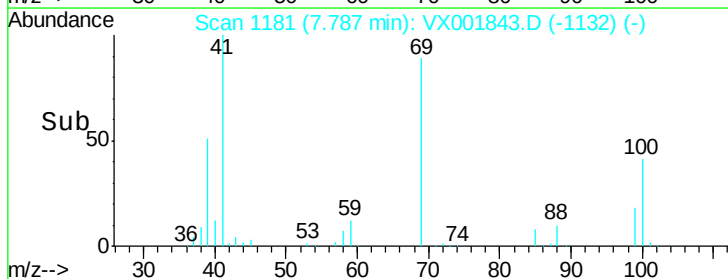
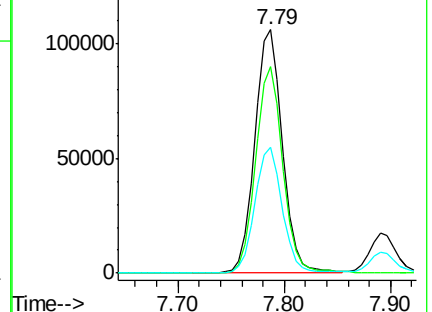
39 51.2 44.5 66.7

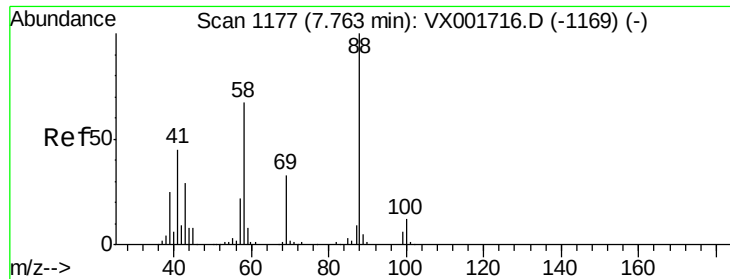


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

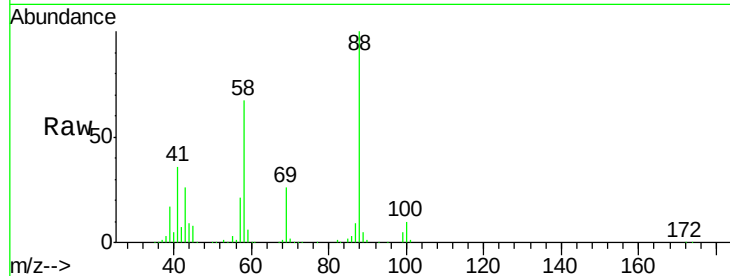




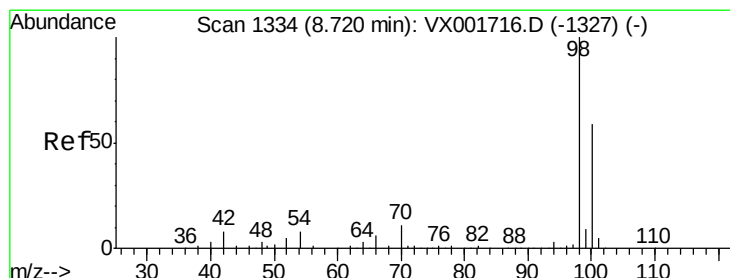
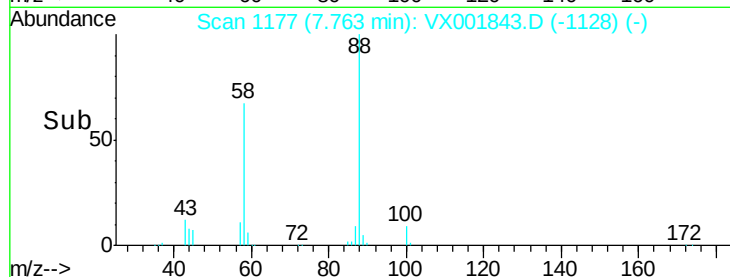
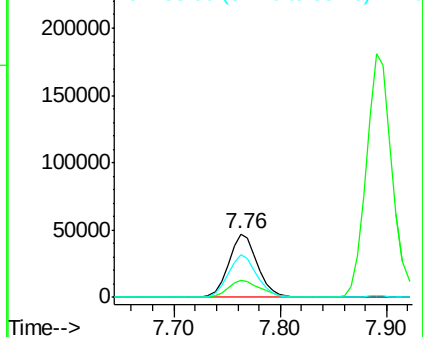
#49
1,4-Dioxane
Concen: 1269.58 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	87757
Ion	Ratio	Lower	Upper
88	100		
43	30.4	27.3	40.9
58	68.4	55.9	83.9

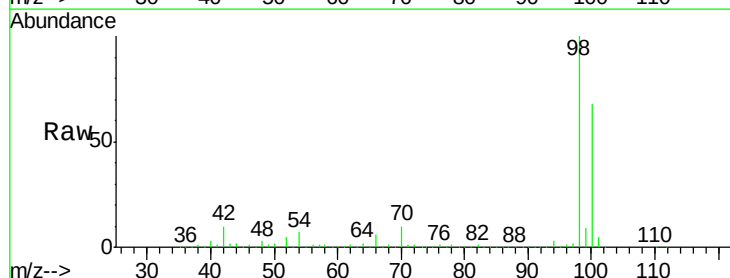


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

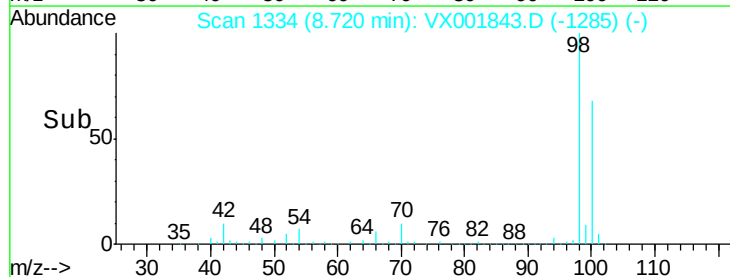
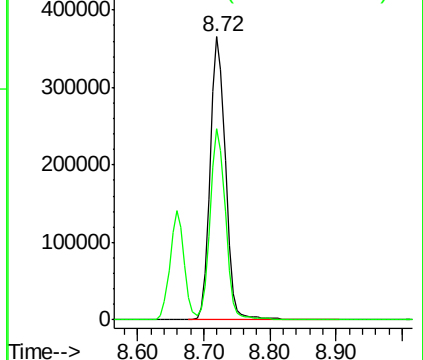


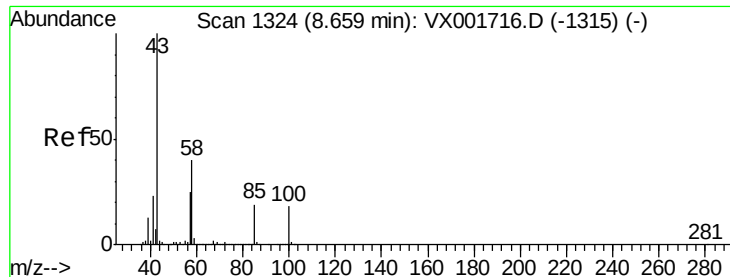
#50
Toluene-d8
Concen: 53.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Tgt Ion	98	Resp	587768
Ion	Ratio	Lower	Upper
98	100		
100	67.9	54.0	81.0



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





#51

4-Methyl-2-Pentanone

Concen: 283.68 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

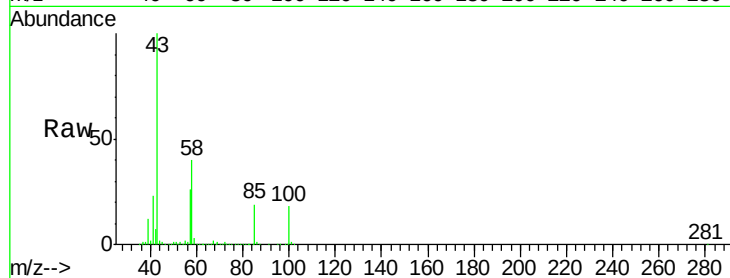
ClientSampleId :

Tot Ion: 43 Resp: 1226143

Ion Ratio Lower Upper

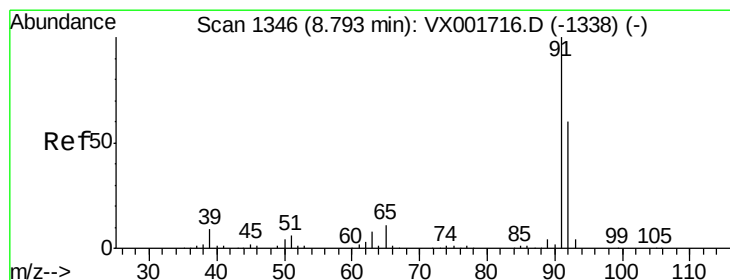
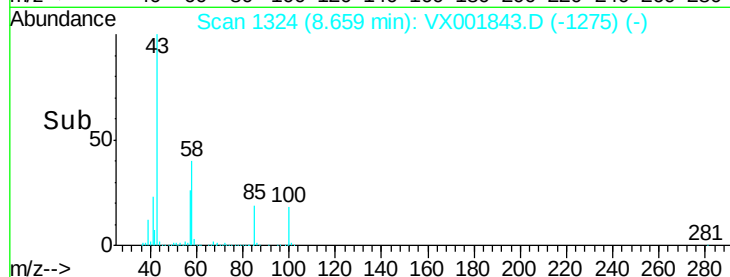
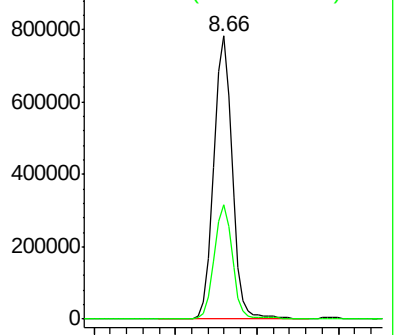
43 100

58 39.8 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.30 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001843.D

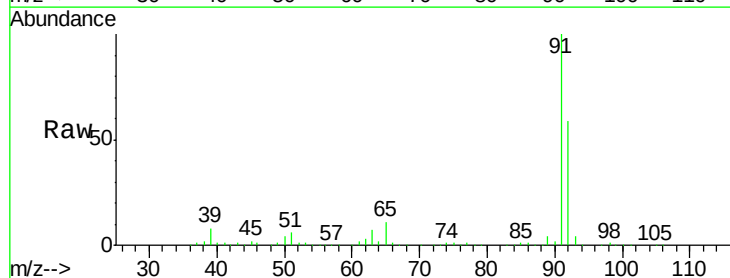
Acq: 18 May 2018 22:54

Tgt Ion: 92 Resp: 421985

Ion Ratio Lower Upper

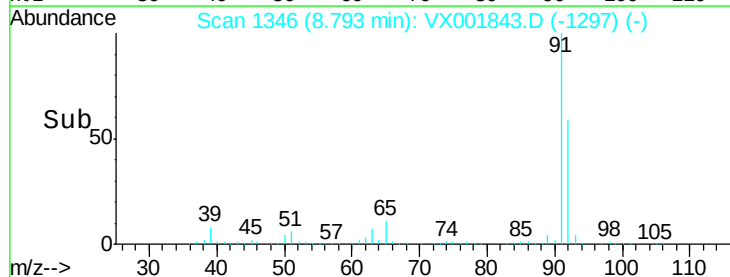
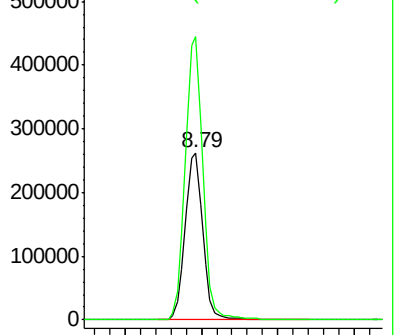
92 100

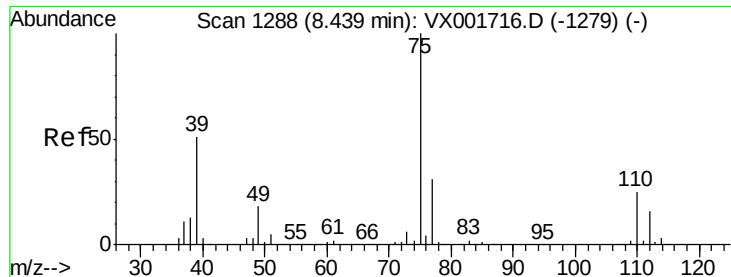
91 168.6 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

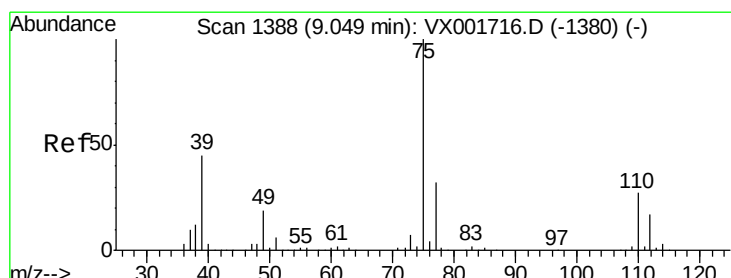
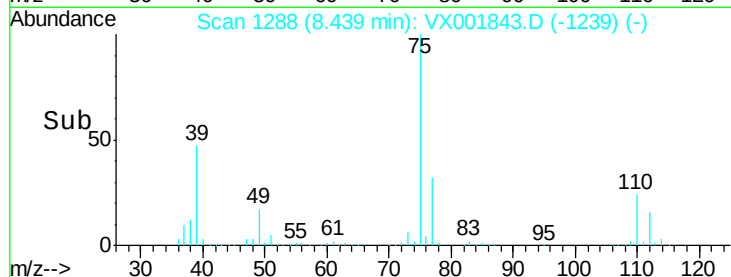
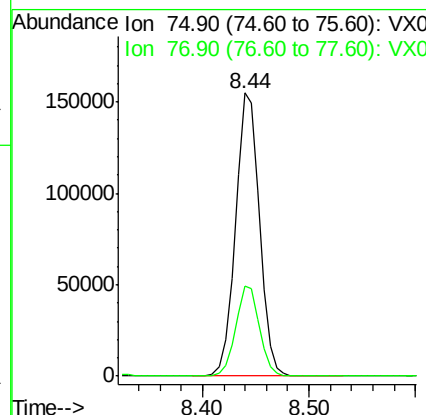
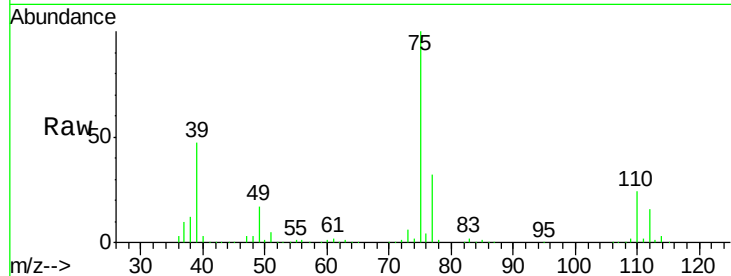




#53
 t-1,3-Dichloropropene
 Concen: 52.68 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

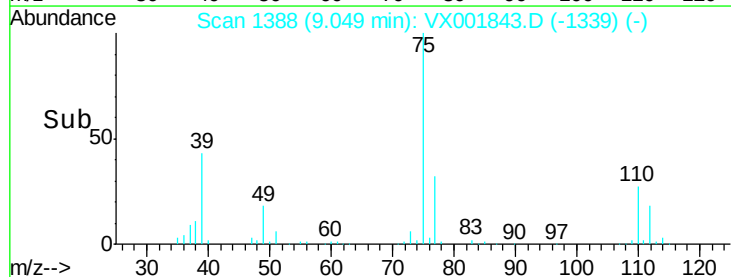
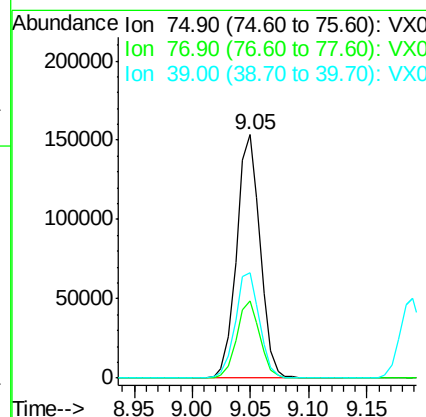
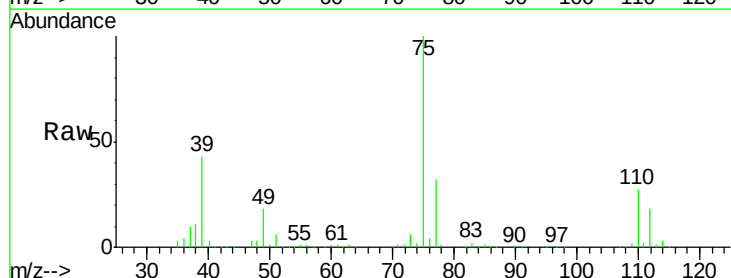
Instrument :
 MSVOA_X
 ClientSampleId :

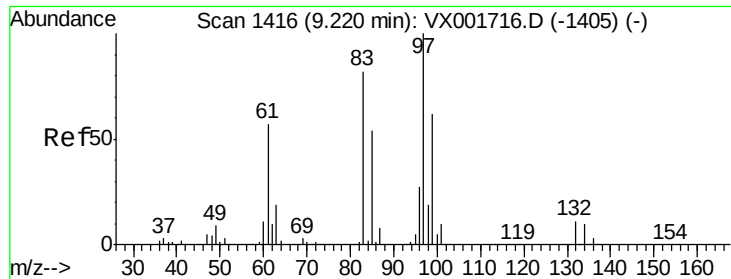
Tot Ion: 75 Resp: 244167
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.89 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Tgt Ion: 75 Resp: 216066
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2
 39 43.2 36.1 54.1

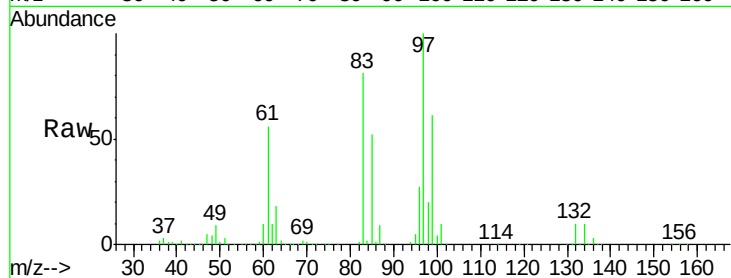




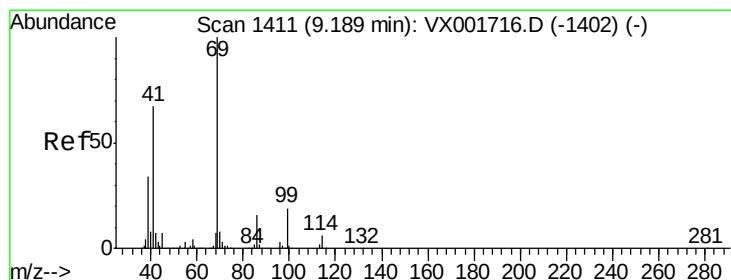
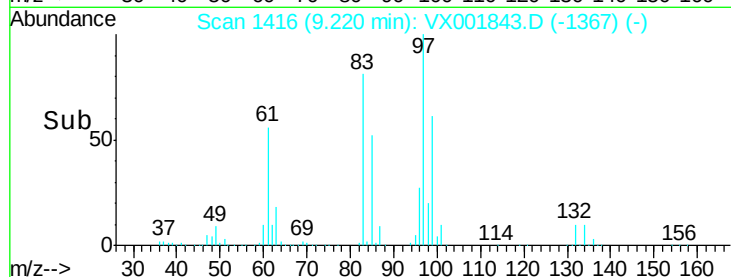
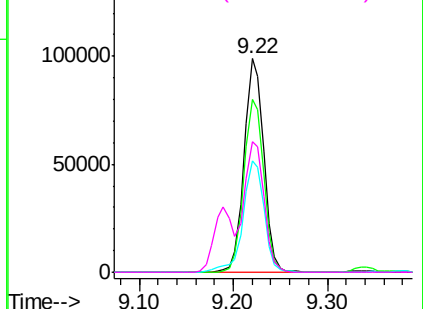
#55
 1,1,2-Trichloroethane
 Concen: 47.52 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	143793
Ion	Ratio	Lower	Upper
97	100		
83	80.8	65.8	98.8
85	52.4	43.4	65.0
99	61.3	49.8	74.6

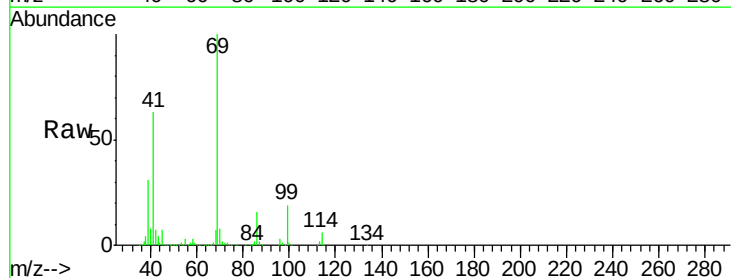


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

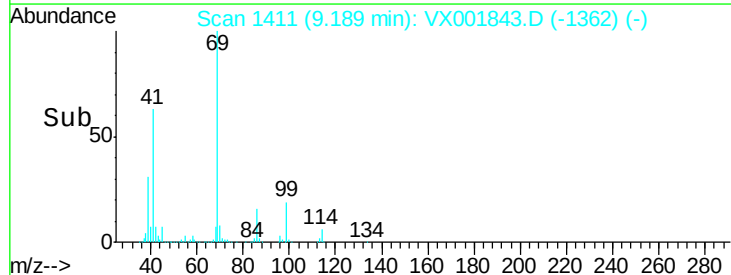
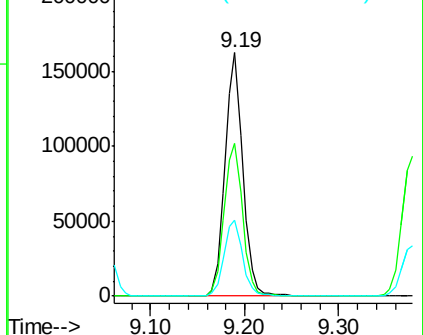


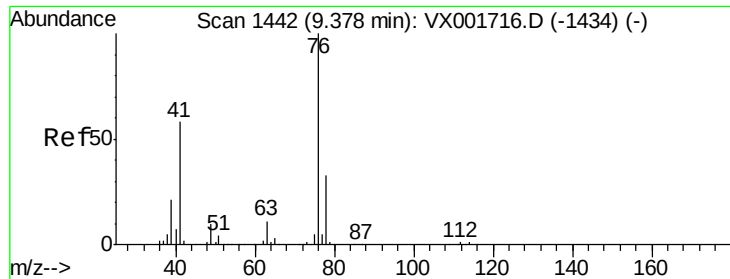
#56
 Ethyl methacrylate
 Concen: 49.68 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Tgt Ion:	69	Resp:	213174
Ion	Ratio	Lower	Upper
69	100		
41	65.4	53.5	80.3
39	32.4	27.2	40.8



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

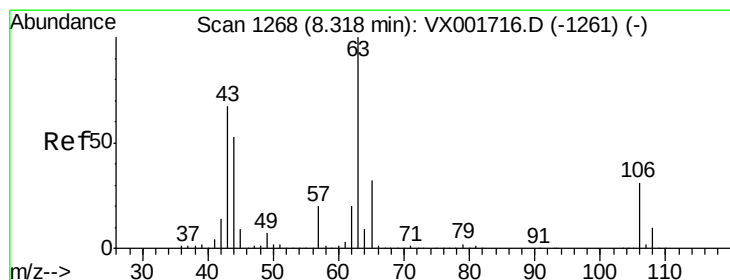
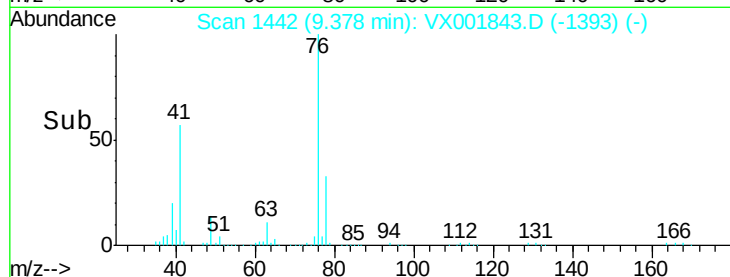
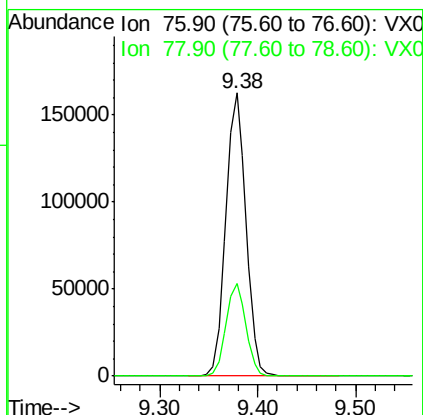
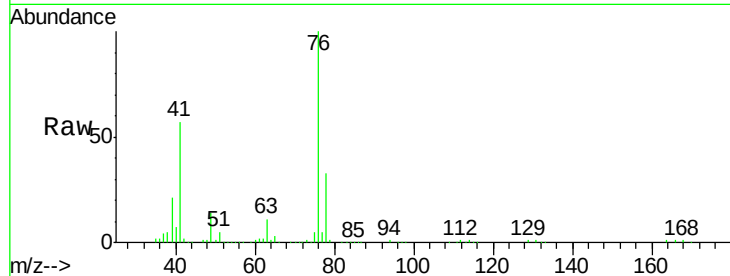




#57
 1,3-Dichloropropane
 Concen: 45.91 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

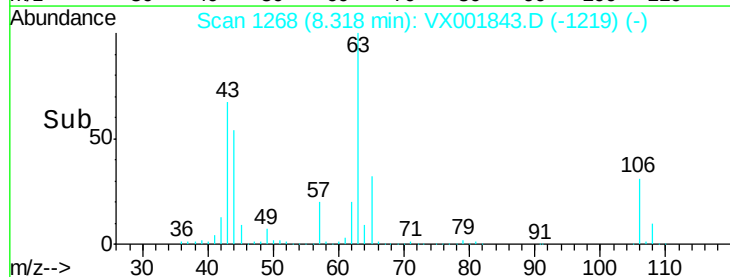
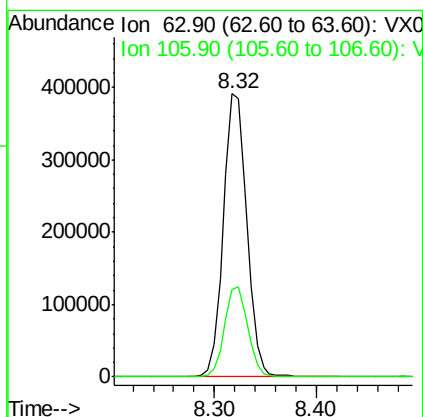
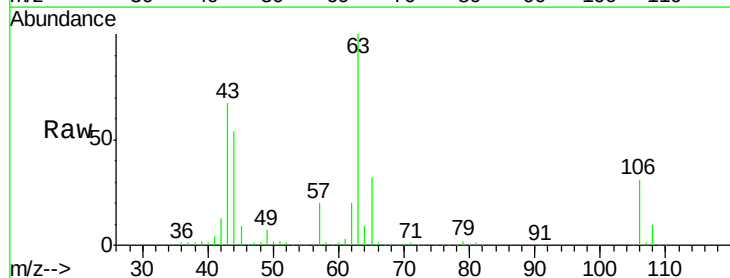
Instrument :
 MSVOA_X
 ClientSampleId :

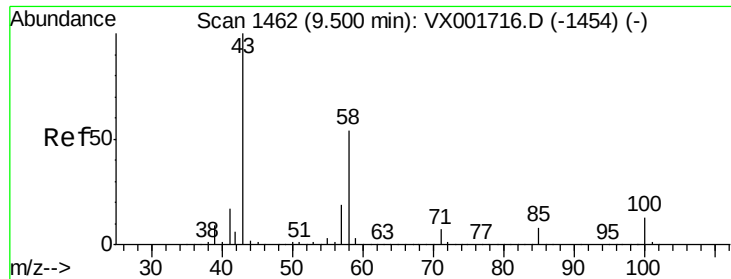
Tot Ion: 76 Resp: 232605
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.52 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Tgt Ion: 63 Resp: 623646
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.1 37.7

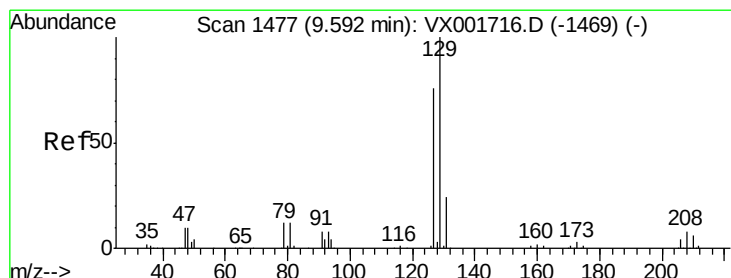
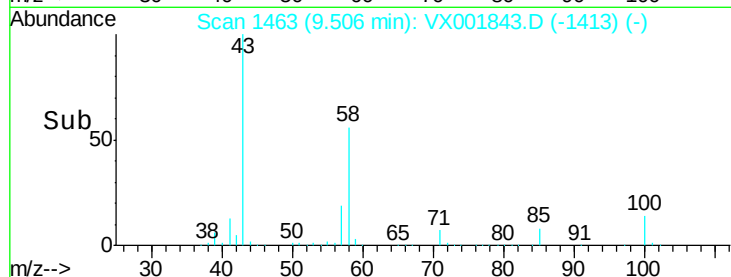
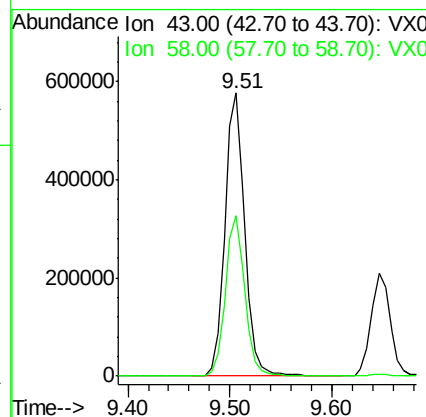
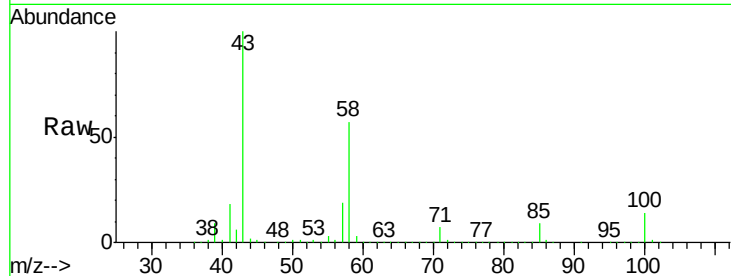




#59
2-Hexanone
Concen: 251.90 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

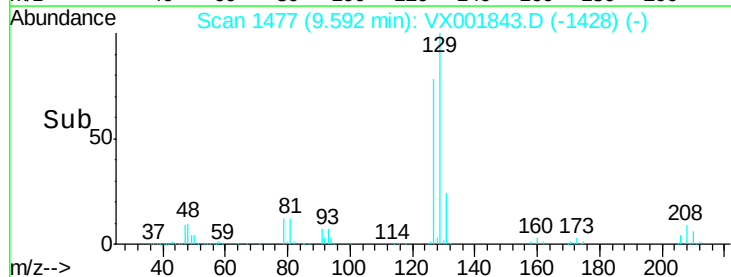
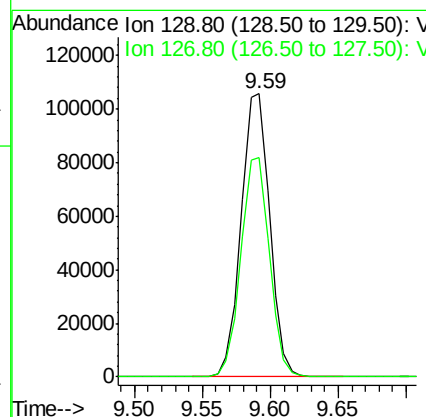
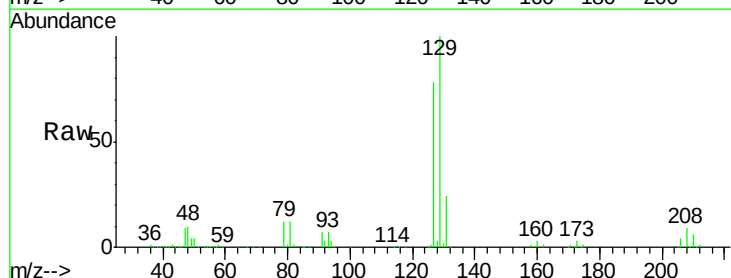
Instrument :
MSVOA_X
ClientSampleId :

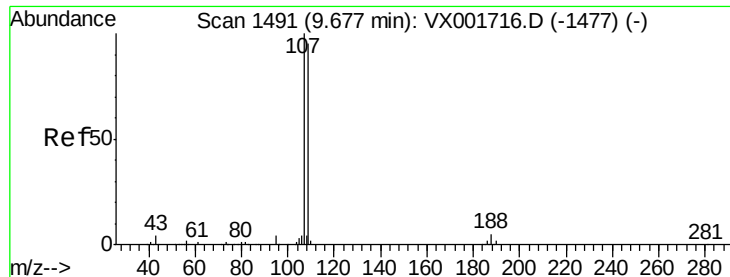
Tot Ion: 43 Resp: 779409
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1



#60
Dibromochloromethane
Concen: 49.99 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Tgt Ion: 129 Resp: 154914
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 47.51 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

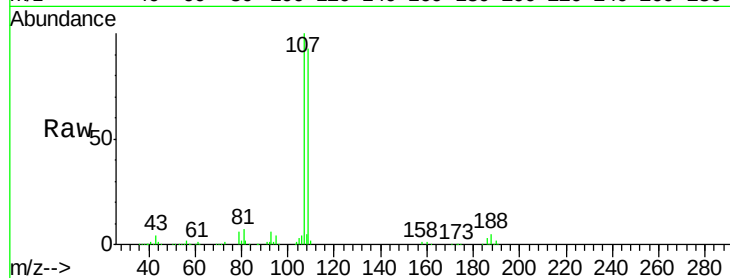
ClientSampleId :

Tot Ion:107 Resp: 150510

Ion Ratio Lower Upper

107 100

109 94.4 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

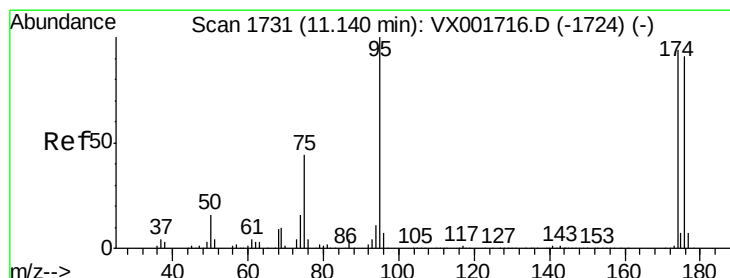
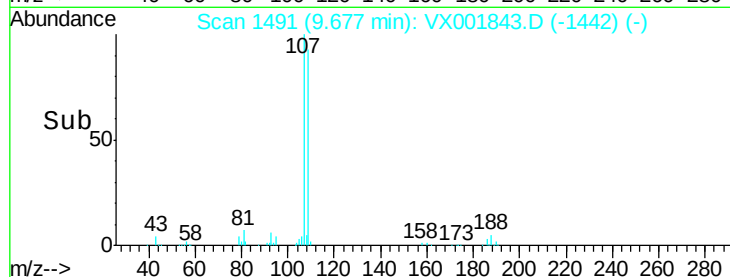
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

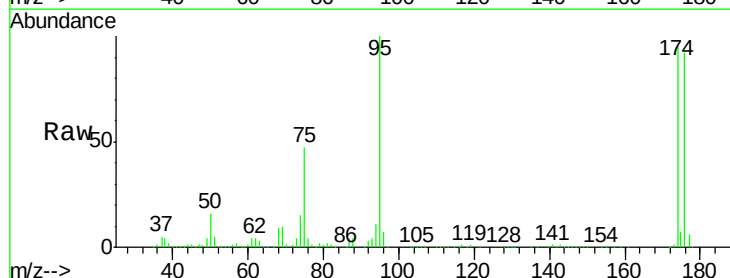
Tgt Ion: 95 Resp: 176995

Ion Ratio Lower Upper

95 100

174 104.0 0.0 201.8

176 101.9 0.0 196.8



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

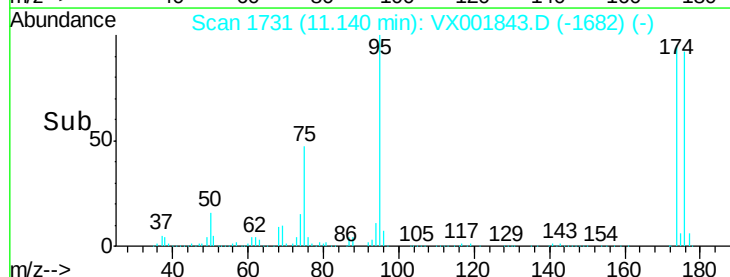
150000

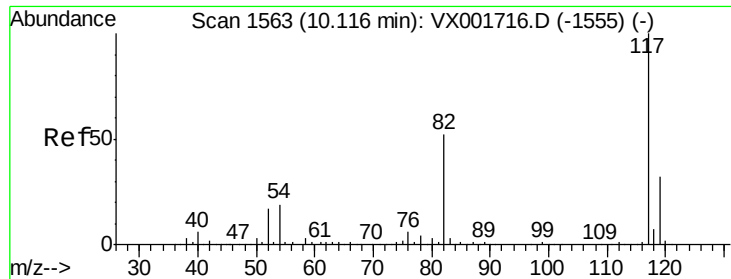
100000

50000

0

Time-->

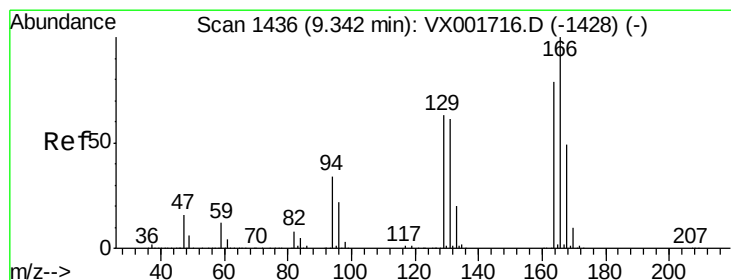
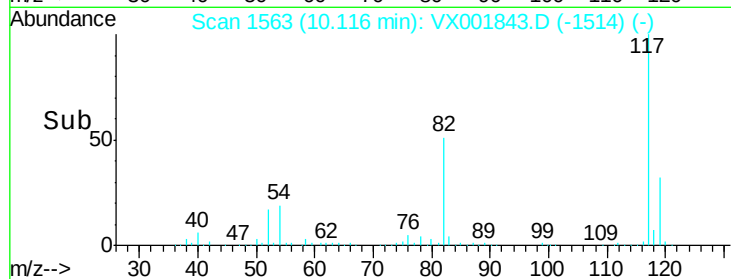
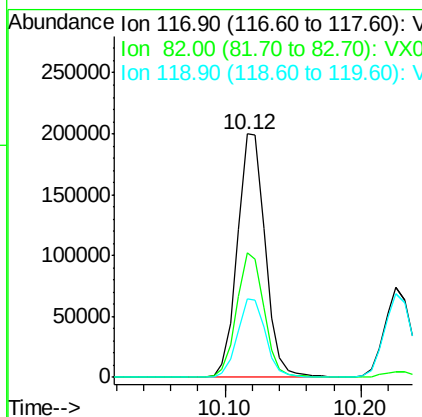
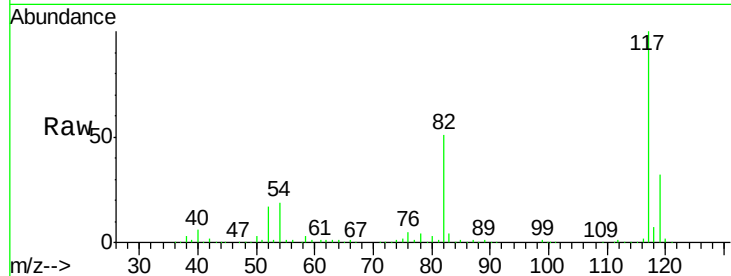




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

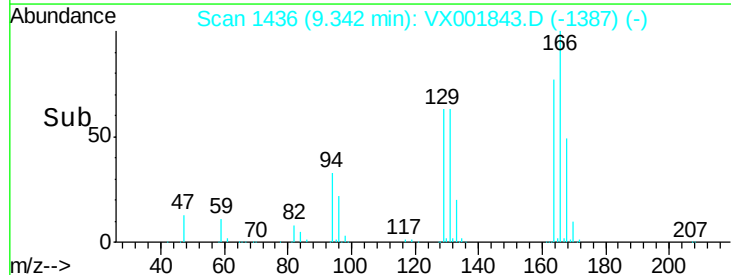
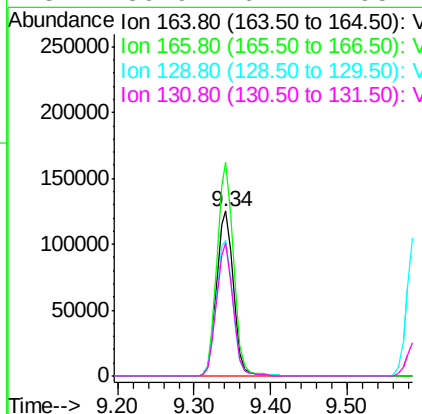
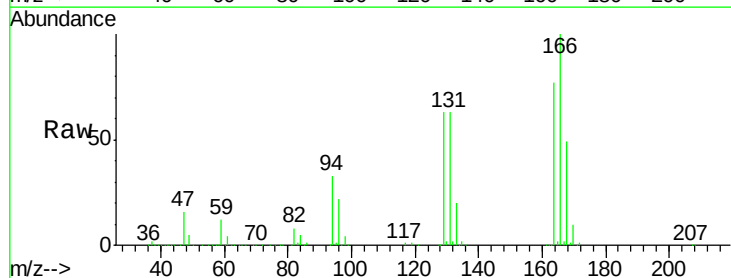
Instrument :
MSVOA_X
ClientSampled :

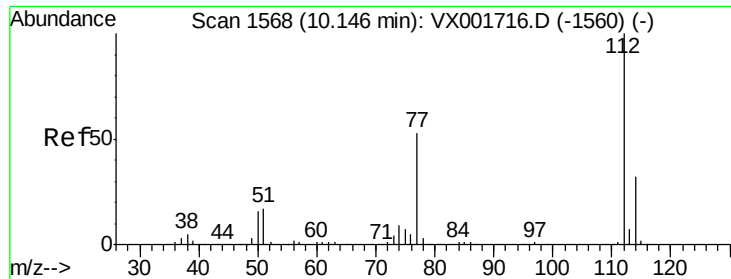
Tot Ion:117 Resp: 284972
Ion Ratio Lower Upper
117 100
82 51.4 41.4 62.2
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 51.34 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Tgt Ion:164 Resp: 190461
Ion Ratio Lower Upper
164 100
166 129.4 101.8 152.8
129 82.1 63.8 95.6
131 80.9 62.2 93.2

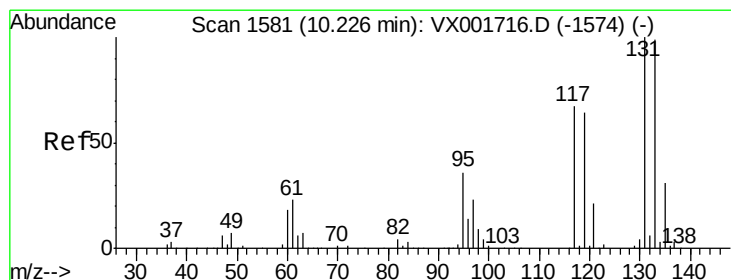
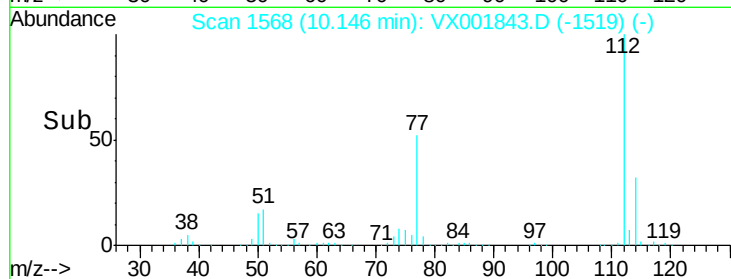
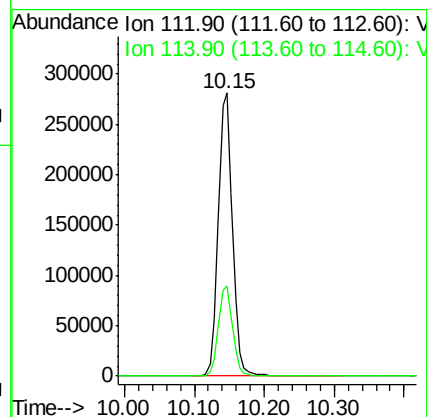
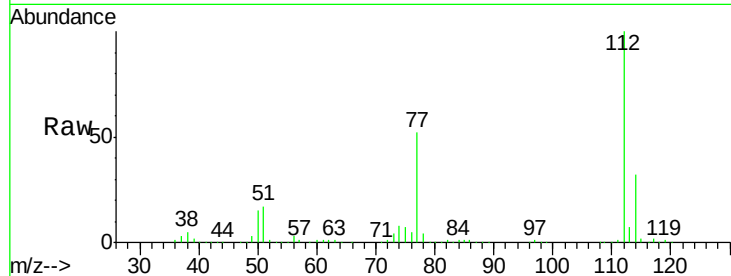




#65
Chlorobenzene
Concen: 50.52 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

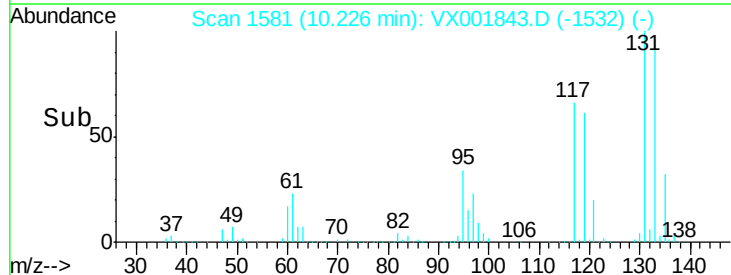
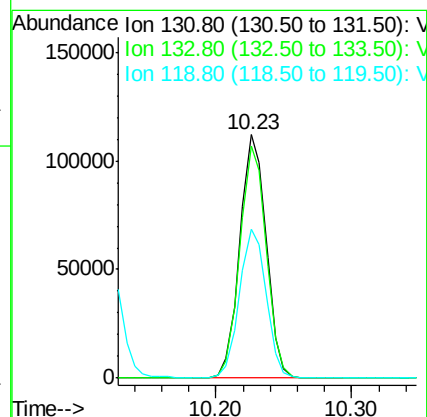
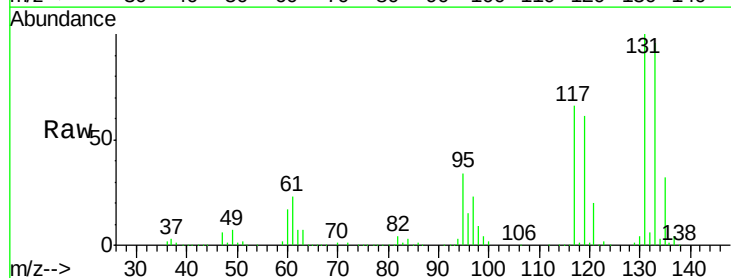
Instrument :
MSVOA_X
ClientSampleId :

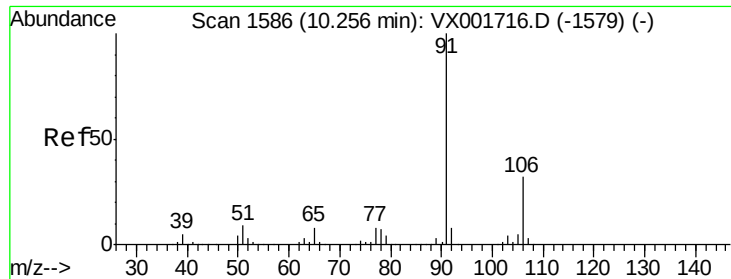
Tot Ion:112 Resp: 395983
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.71 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Tgt Ion:131 Resp: 151454
Ion Ratio Lower Upper
131 100
133 95.4 48.5 145.6
119 62.2 31.9 95.5

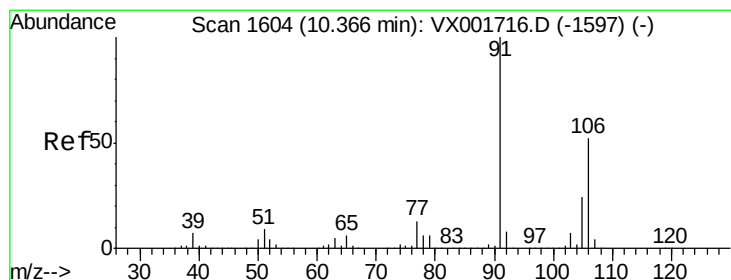
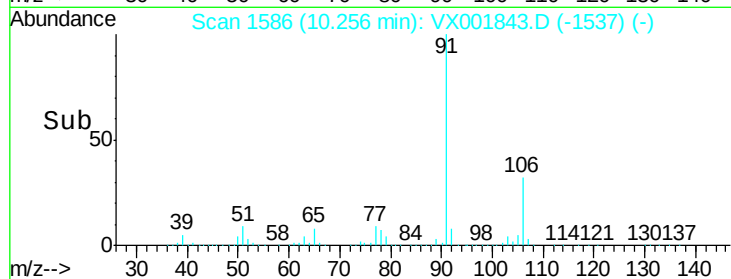
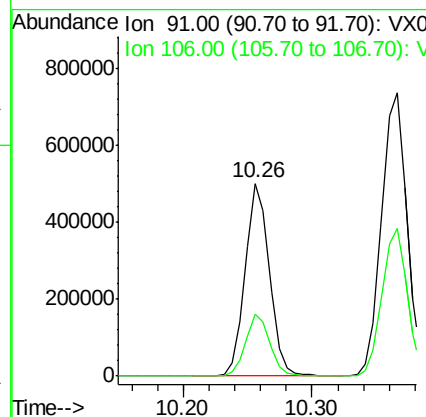
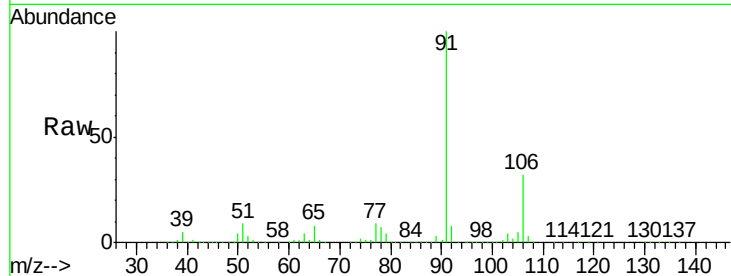




#67
Ethyl Benzene
Concen: 52.29 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

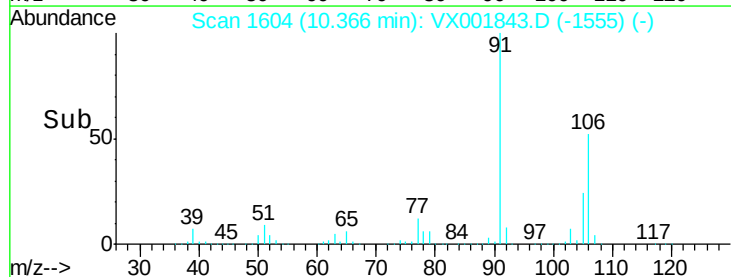
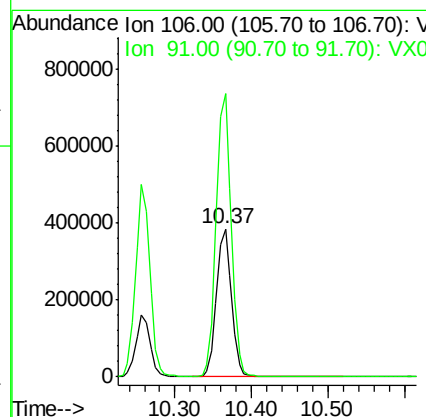
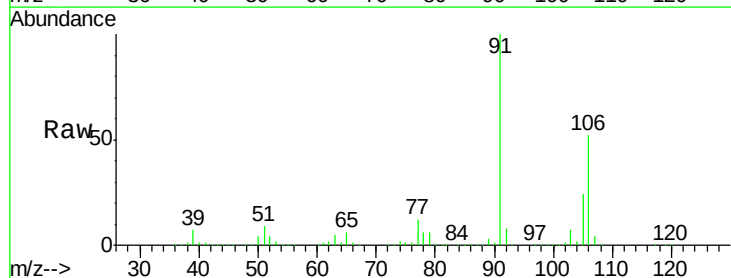
Instrument :
MSVOA_X
ClientSampled :

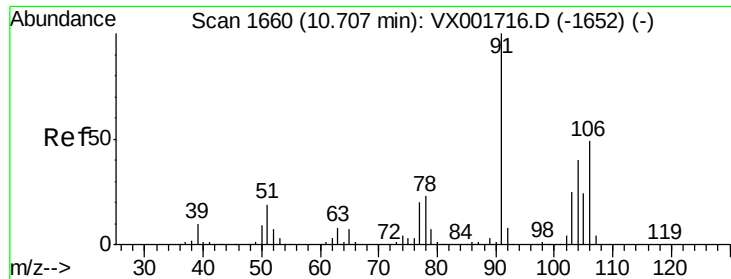
Tot Ion: 91 Resp: 655038
Ion Ratio Lower Upper
91 100
106 32.0 25.7 38.5



#68
m/p-Xylenes
Concen: 106.10 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Tgt Ion: 106 Resp: 524441
Ion Ratio Lower Upper
106 100
91 193.0 155.4 233.2

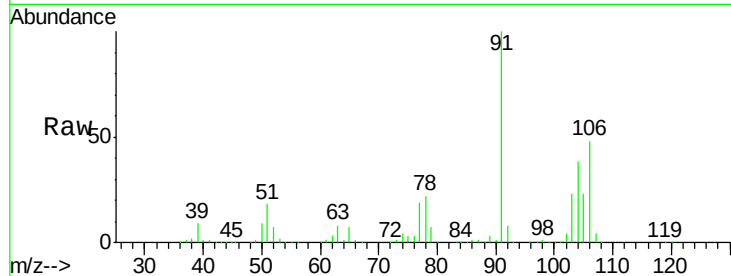




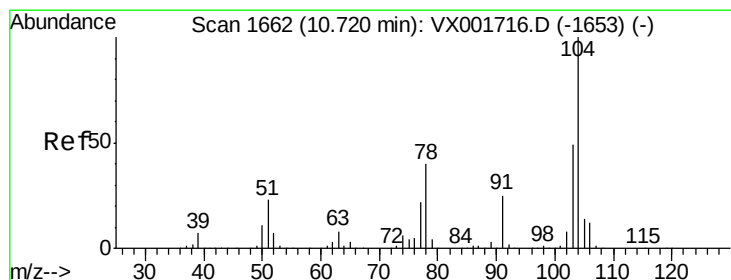
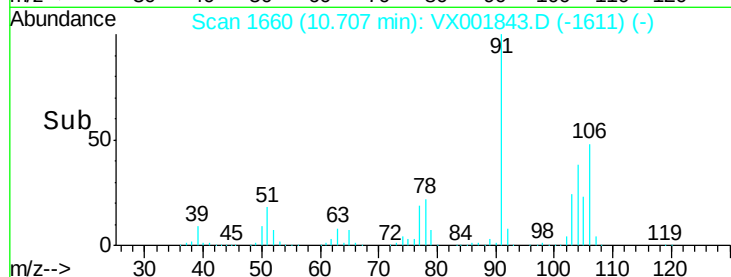
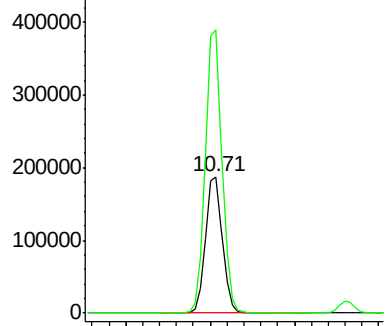
#69
o-Xylene
Concen: 53.70 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 254206
Ion Ratio Lower Upper
106 100
91 206.5 103.4 310.2

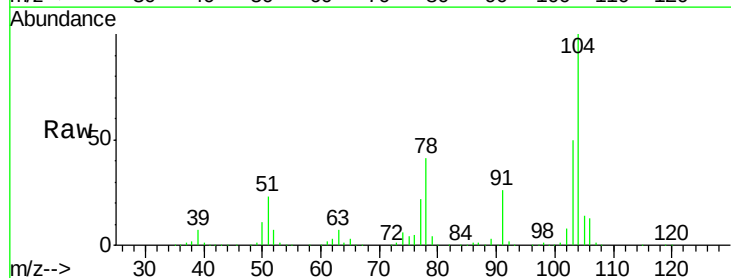


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

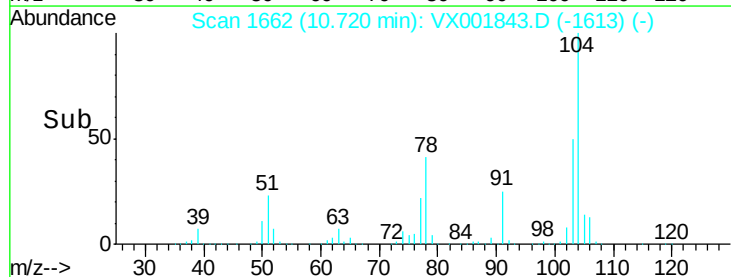
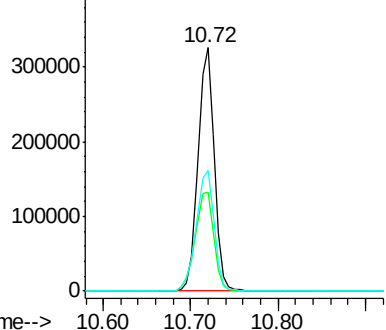


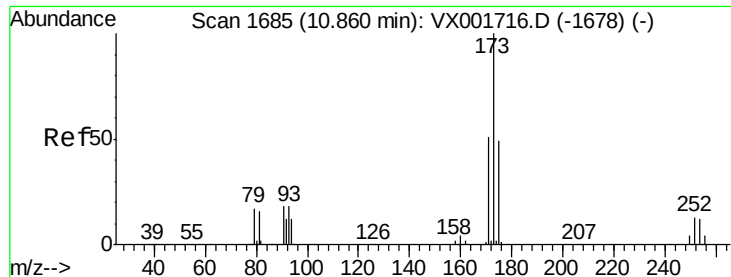
#70
Styrene
Concen: 53.75 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001843.D
Acq: 18 May 2018 22:54

Tgt Ion:104 Resp: 419582
Ion Ratio Lower Upper
104 100
78 46.7 37.3 55.9
103 54.8 43.7 65.5



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: 49.76 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

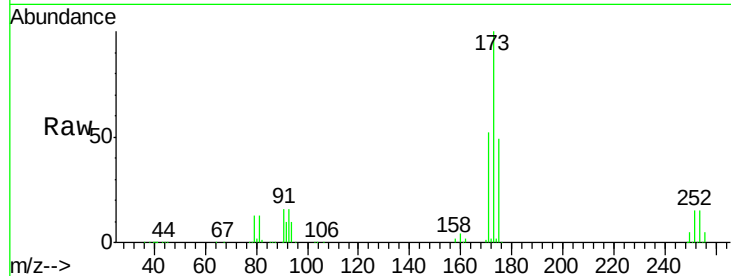
Tot Ion:173 Resp: 128177

Ion Ratio Lower Upper

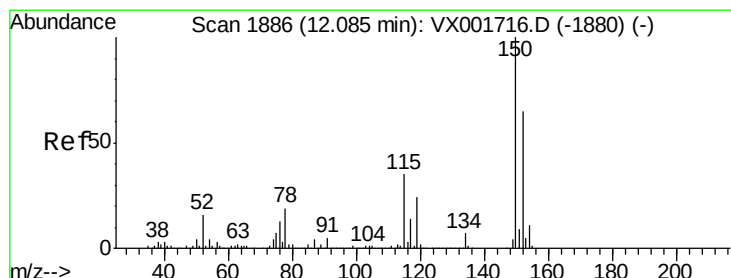
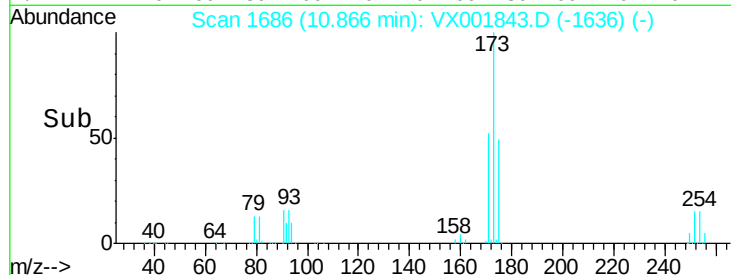
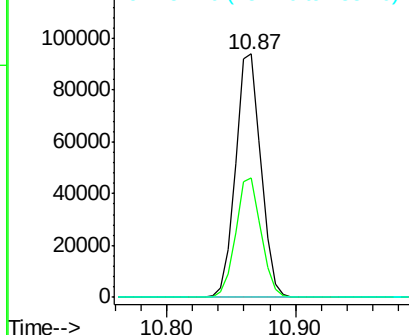
173 100

175 48.9 24.3 72.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

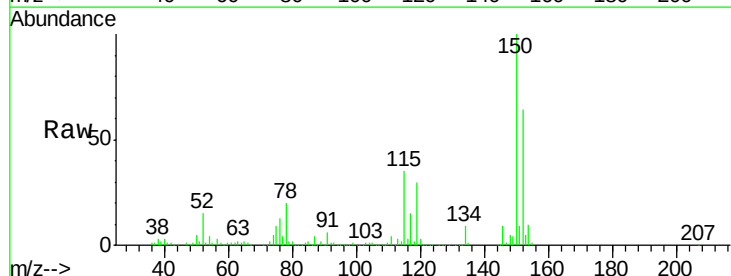
Tgt Ion:152 Resp: 185721

Ion Ratio Lower Upper

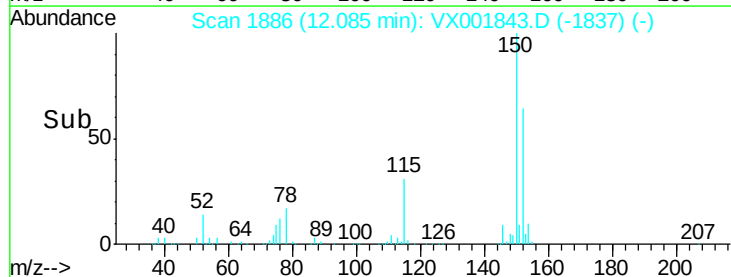
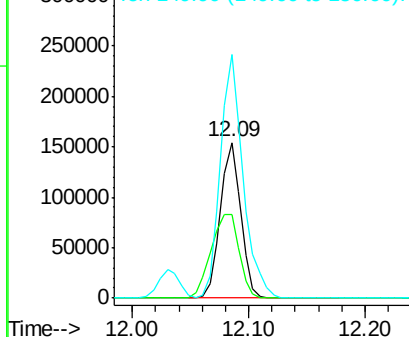
152 100

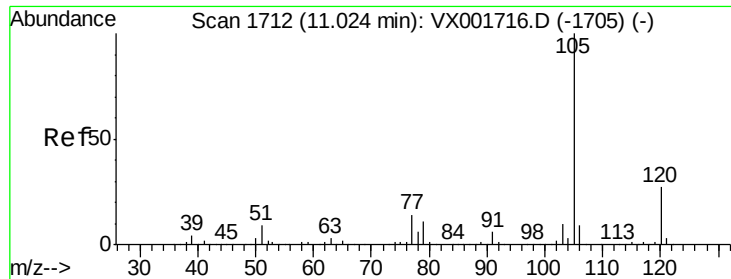
115 74.9 37.4 112.2

150 174.5 0.0 344.8



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: 55.59 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

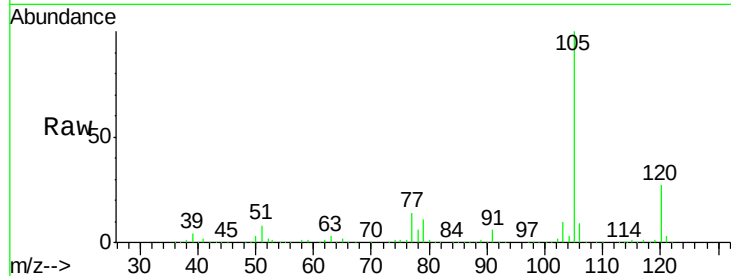
ClientSampleId :

Tot Ion:105 Resp: 679896

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

600000

500000

400000

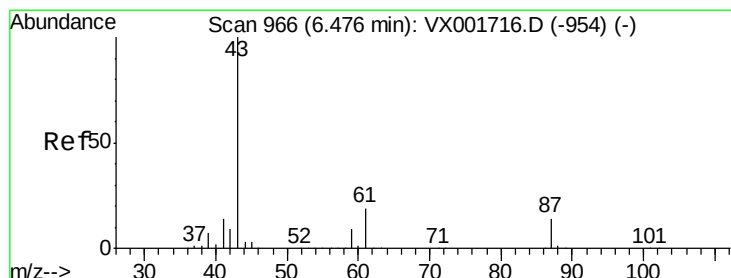
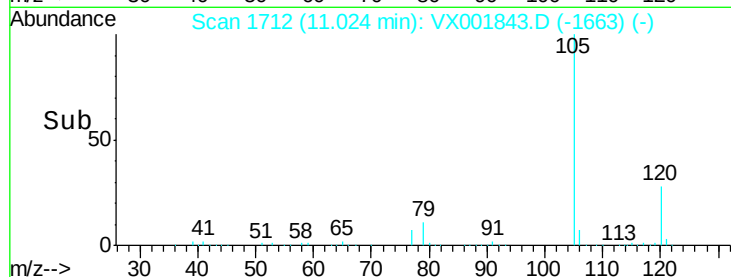
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 61.34 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Tgt Ion: 43 Resp: 359661

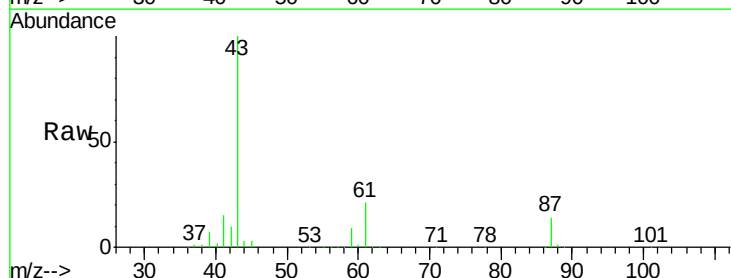
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.5 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.48

200000

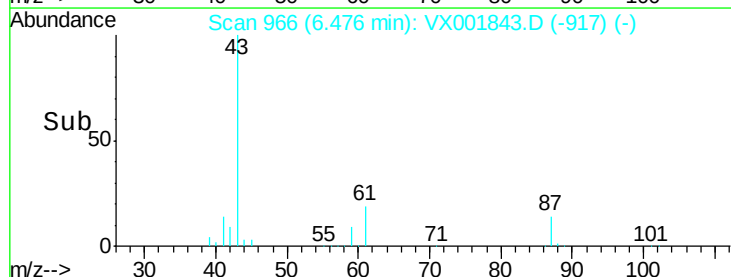
150000

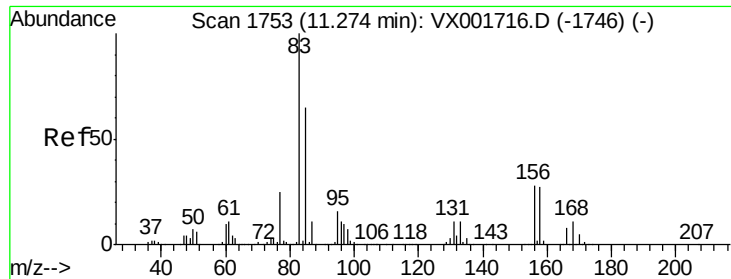
100000

50000

0

Time--> 6.30 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 54.33 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

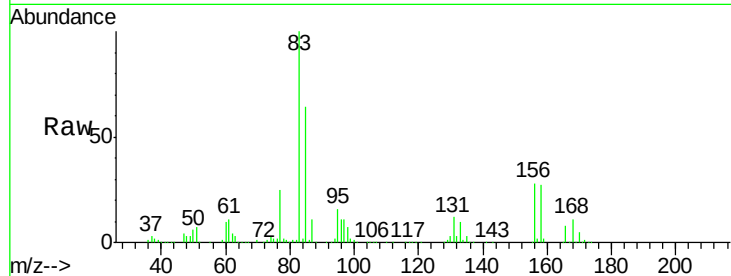
Tot Ion: 83 Resp: 199342

Ion Ratio Lower Upper

83 100

131 11.7 5.7 17.0

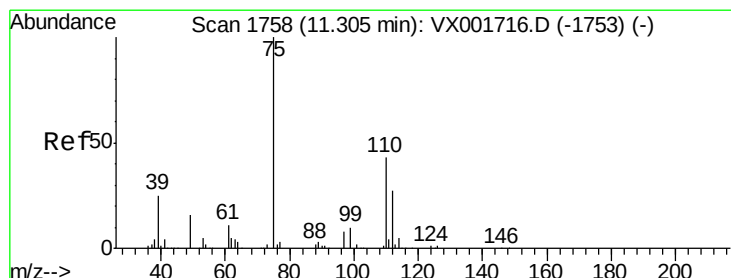
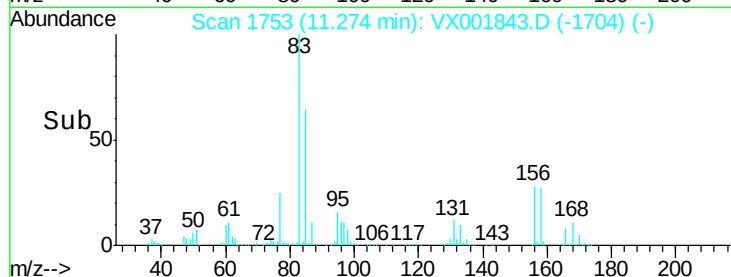
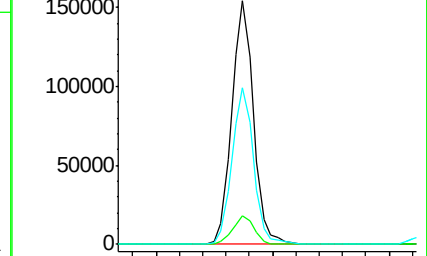
85 64.3 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.38 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001843.D

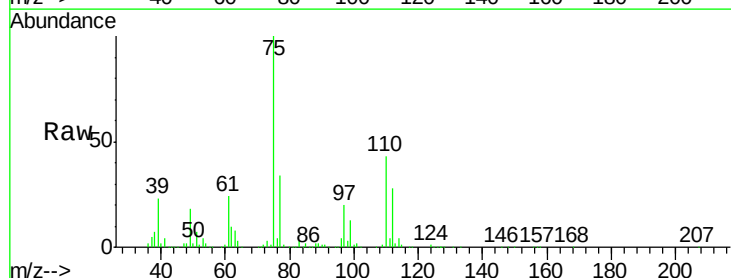
Acq: 18 May 2018 22:54

Tgt Ion: 75 Resp: 234411

Ion Ratio Lower Upper

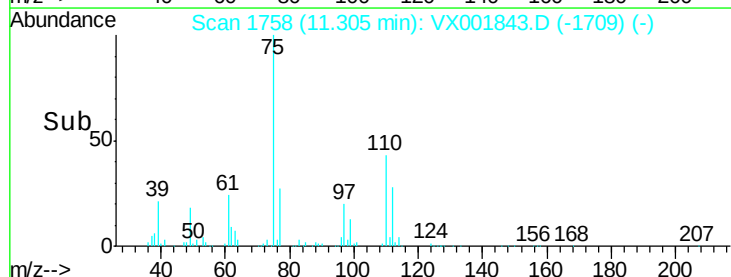
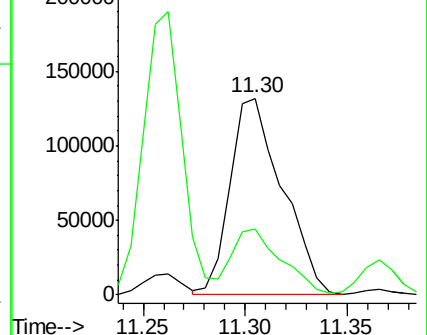
75 100

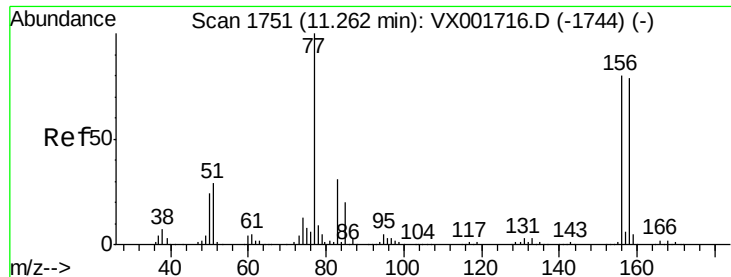
77 31.3 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.61 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampled :

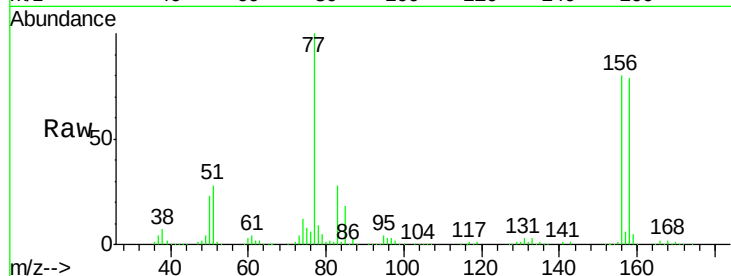
Tot Ion:156 Resp: 192670

Ion Ratio Lower Upper

156 100

77 130.7 65.3 196.0

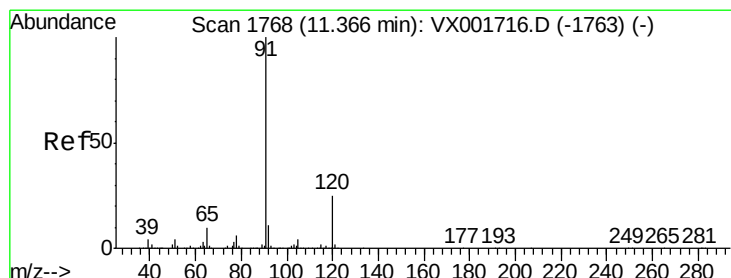
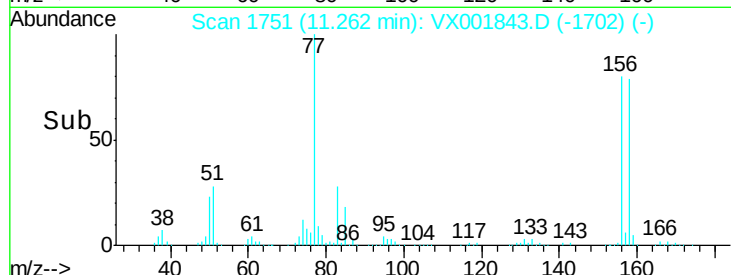
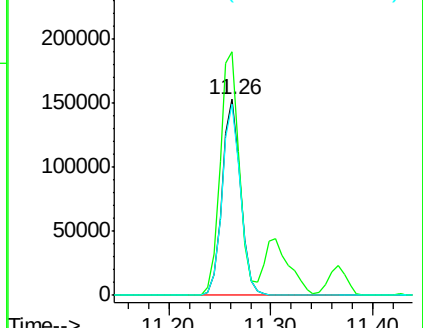
158 97.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.12 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001843.D

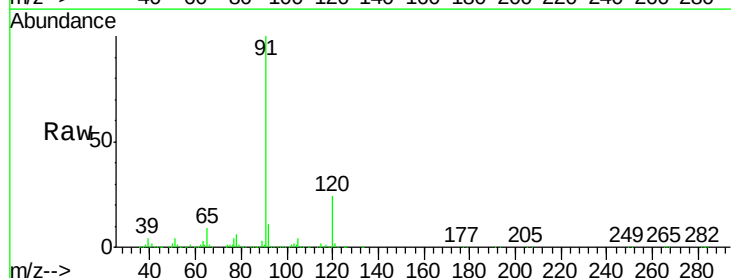
Acq: 18 May 2018 22:54

Tgt Ion: 91 Resp: 745694

Ion Ratio Lower Upper

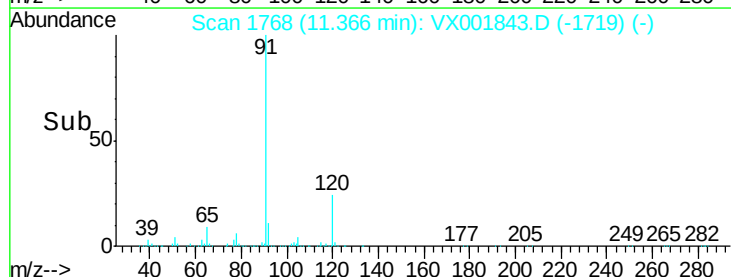
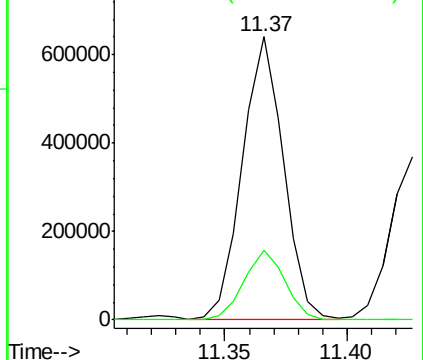
91 100

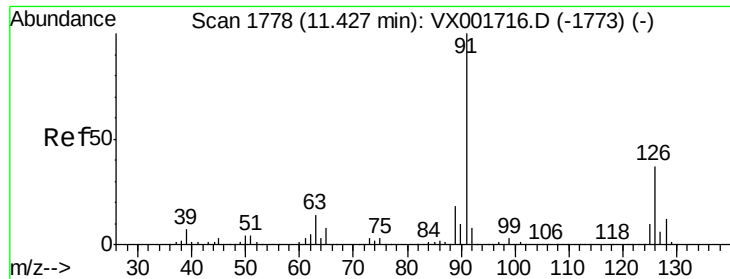
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.44 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

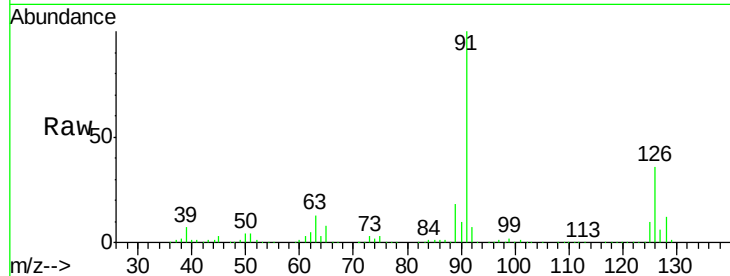
ClientSampleId :

Tot Ion: 91 Resp: 448665

Ion Ratio Lower Upper

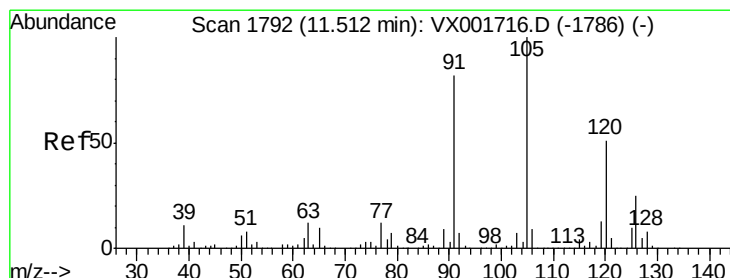
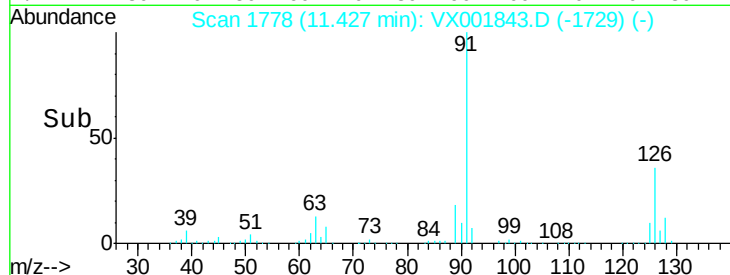
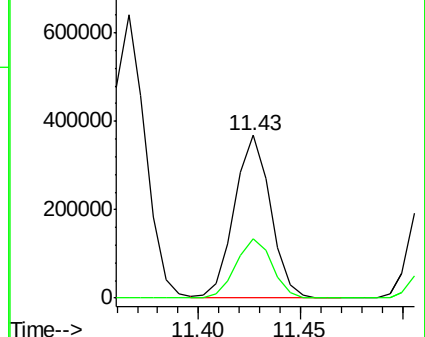
91 100

126 36.8 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX001716.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001716.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.90 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001843.D

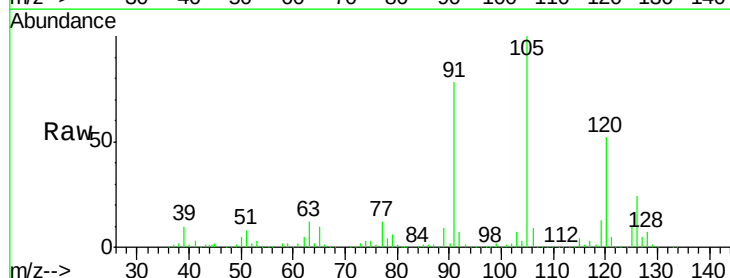
Acq: 18 May 2018 22:54

Tgt Ion: 105 Resp: 560873

Ion Ratio Lower Upper

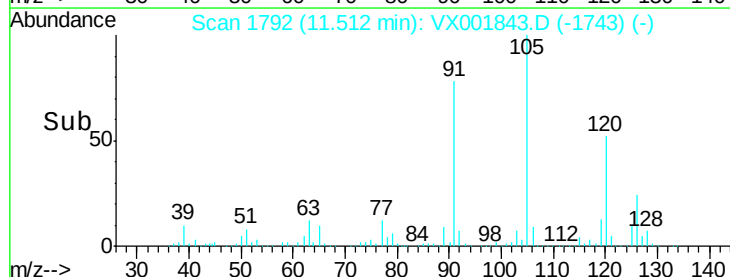
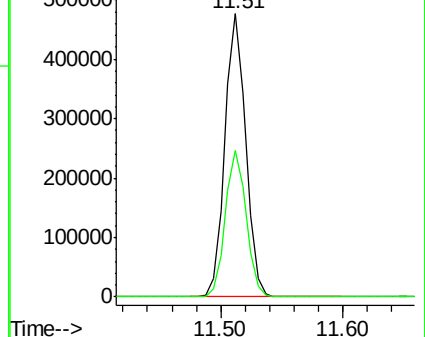
105 100

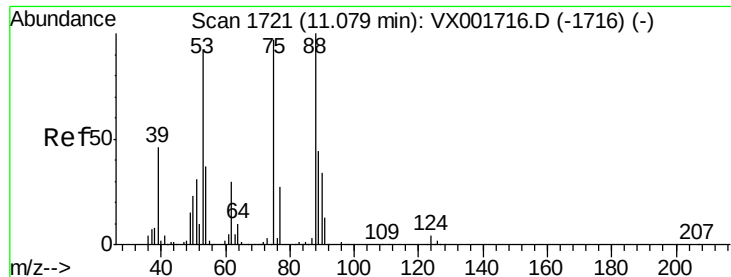
120 51.9 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): VX001716.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001716.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.01 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

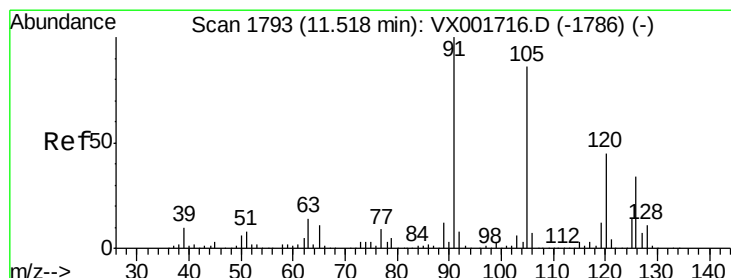
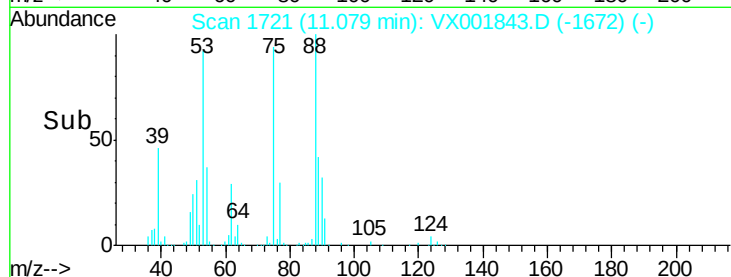
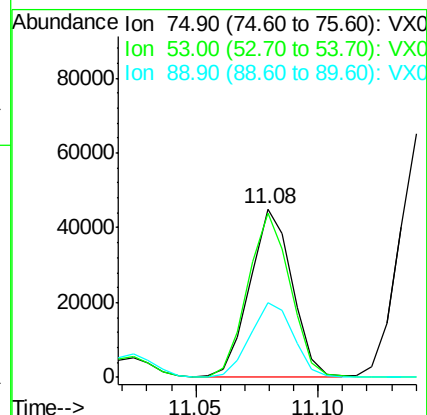
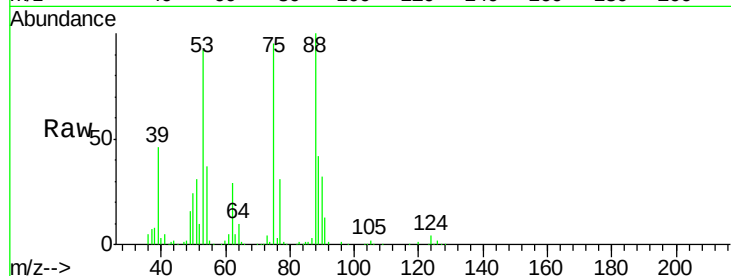
Tot Ion: 75 Resp: 54191

Ion Ratio Lower Upper

75 100

53 98.7 79.4 119.2

89 45.8 38.8 58.2



#82

4-Chlorotoluene

Concen: 52.84 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001843.D

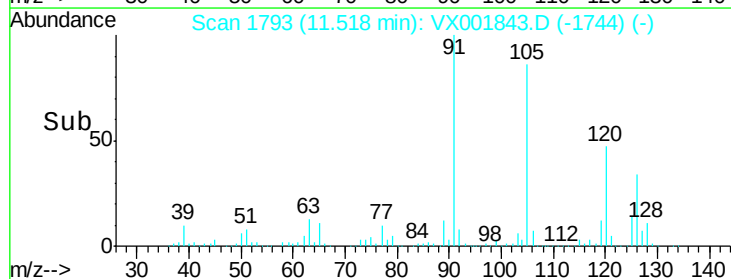
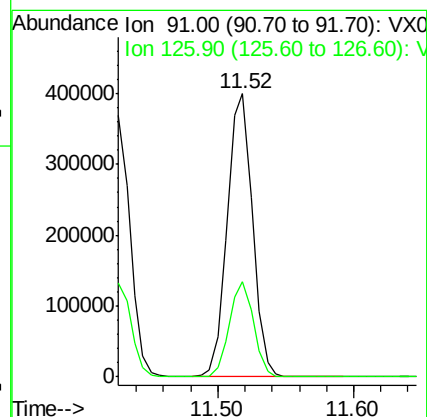
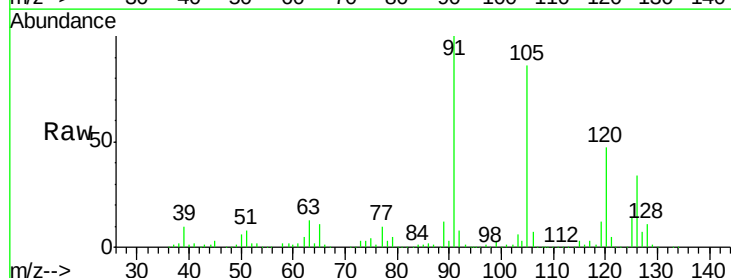
Acq: 18 May 2018 22:54

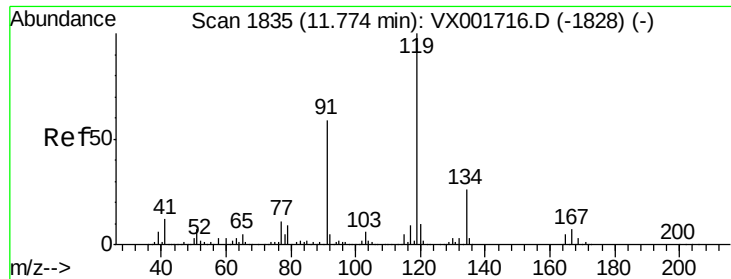
Tgt Ion: 91 Resp: 513029

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1

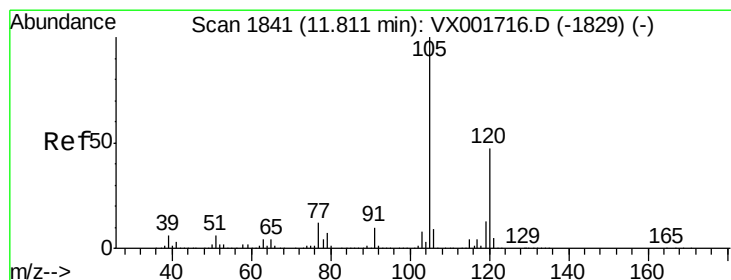
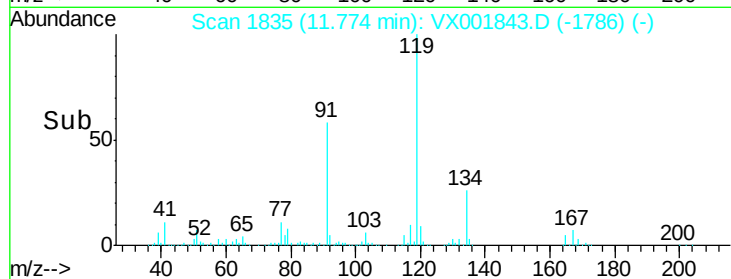
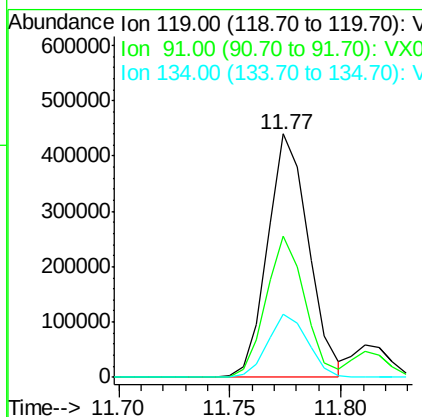
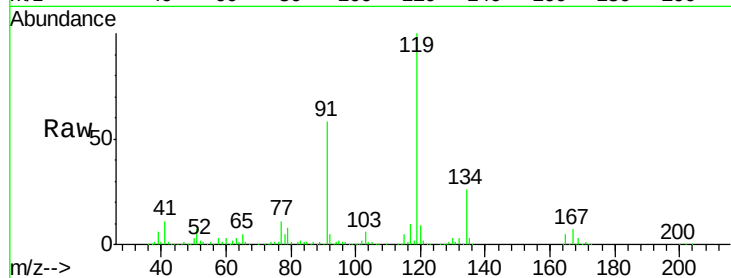




#83
 tert-Butylbenzene
 Concen: 56.21 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

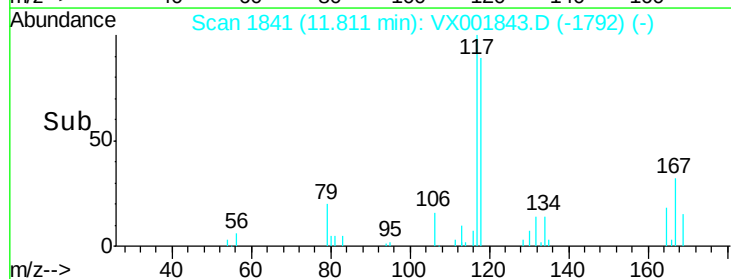
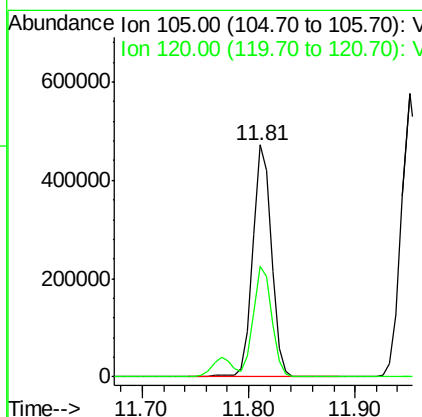
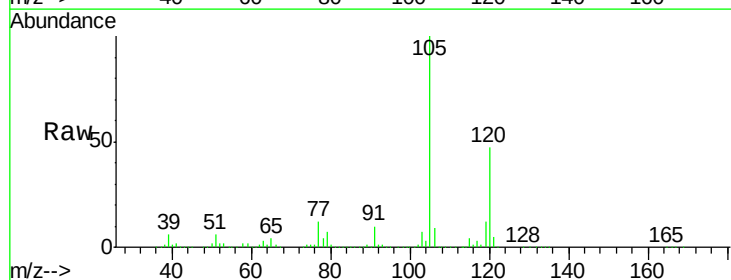
Instrument :
 MSVOA_X
 ClientSampled :

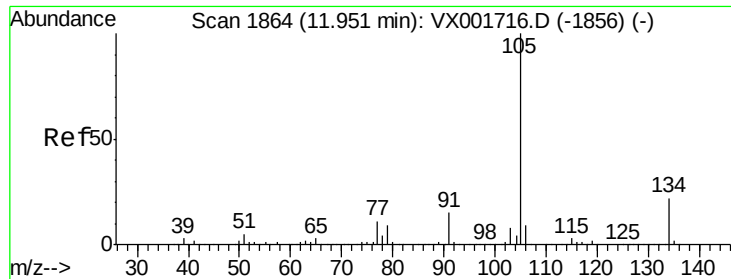
Tot Ion:119 Resp: 561229
 Ion Ratio Lower Upper
 119 100
 91 55.3 27.7 83.0
 134 25.4 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 56.04 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Tgt Ion:105 Resp: 582299
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.5 70.5





#85

sec-Butylbenzene

Concen: 55.37 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

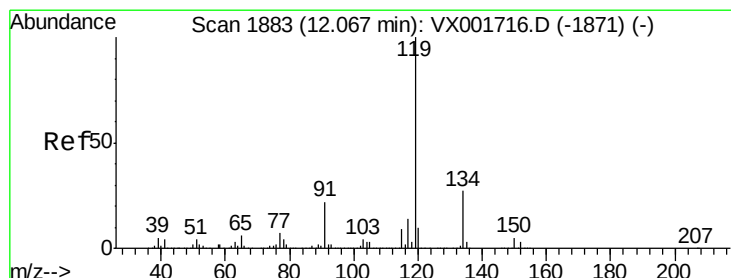
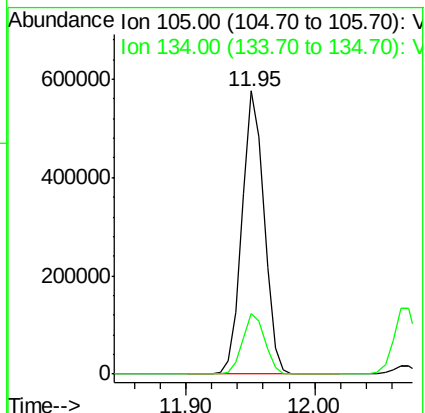
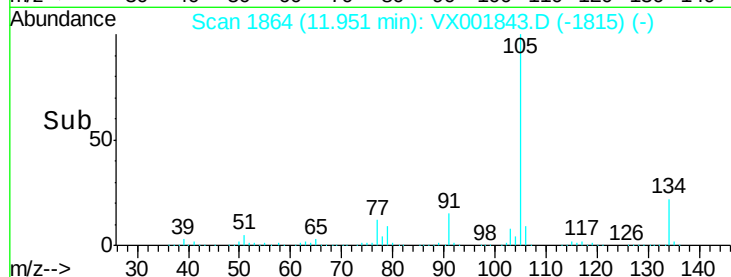
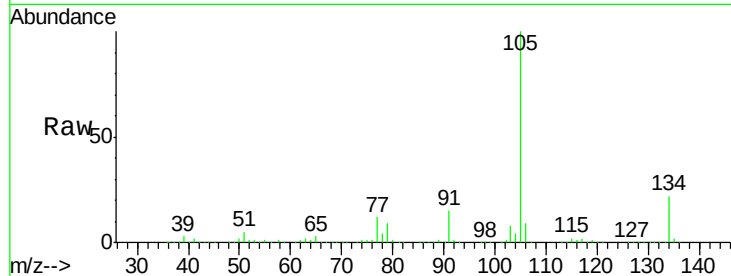
ClientSampleId :

Tot Ion:105 Resp: 682500

Ion Ratio Lower Upper

105 100

134 21.7 10.9 32.6



#86

p-Isopropyltoluene

Concen: 55.09 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

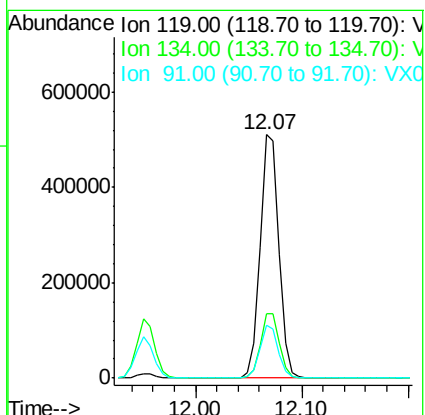
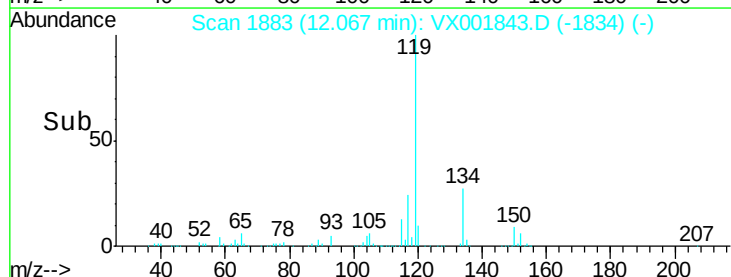
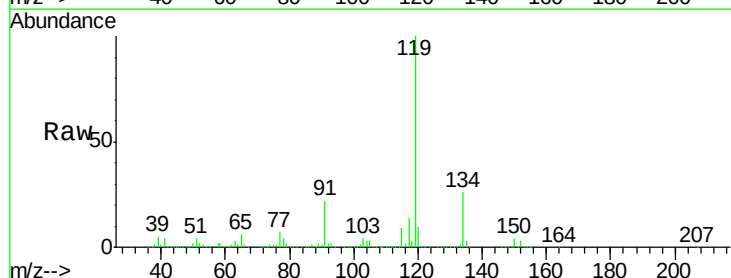
Tgt Ion:119 Resp: 628342

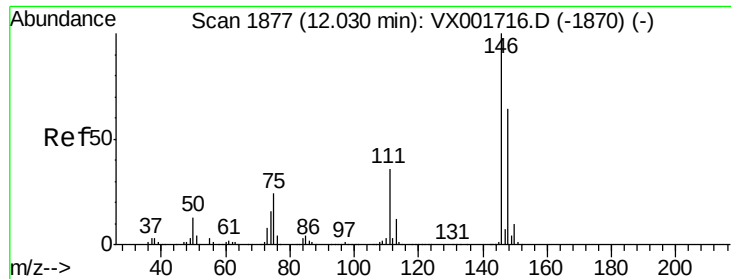
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

91 21.0 10.7 32.1

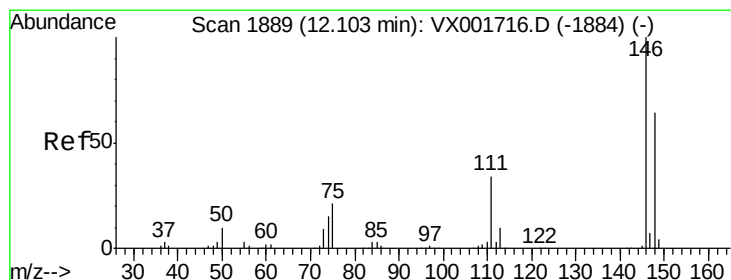
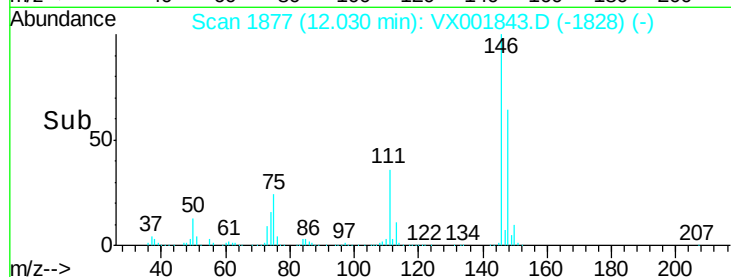
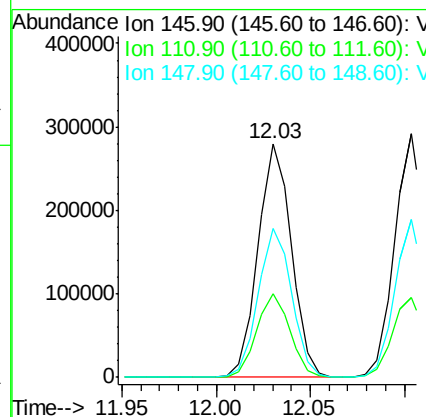
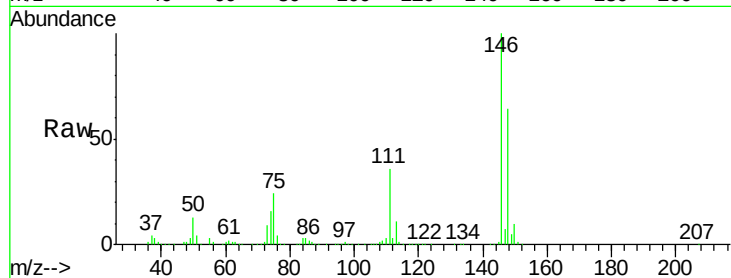




#87
 1,3-Dichlorobenzene
 Concen: 51.75 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

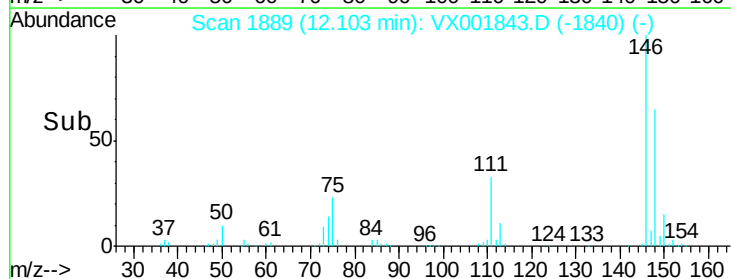
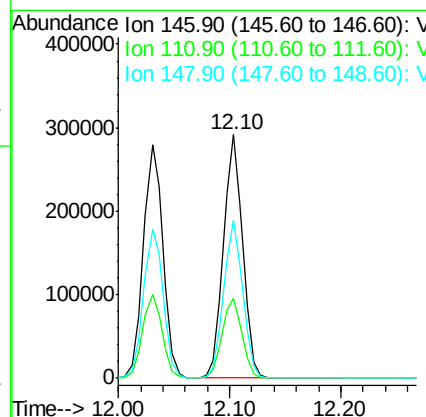
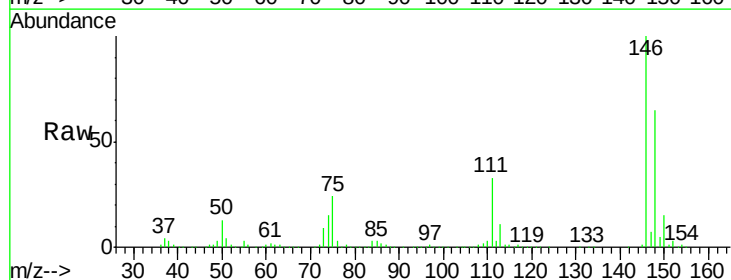
Instrument :
 MSVOA_X
 ClientSampleId :

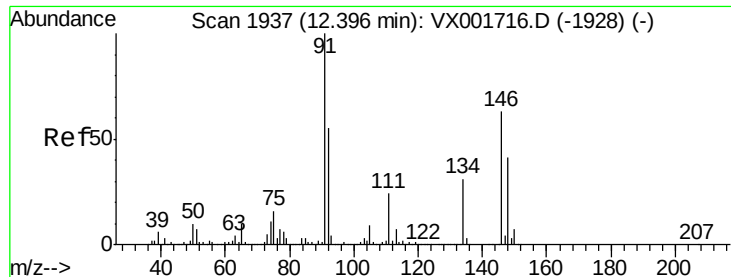
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.6	17.8	53.4
148	63.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.50 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001843.D
 Acq: 18 May 2018 22:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.3	17.3	52.0
148	64.7	32.3	96.9





#89

n-Butylbenzene

Concen: 50.39 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

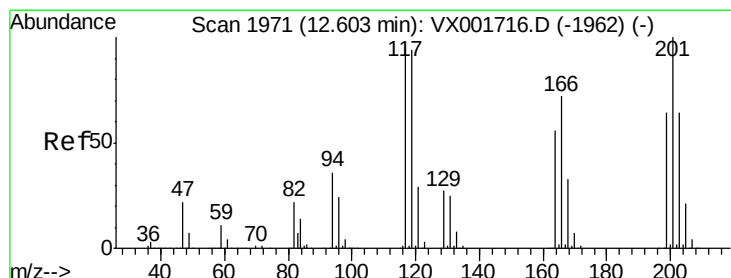
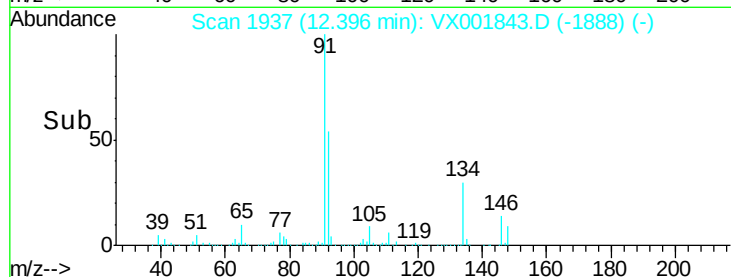
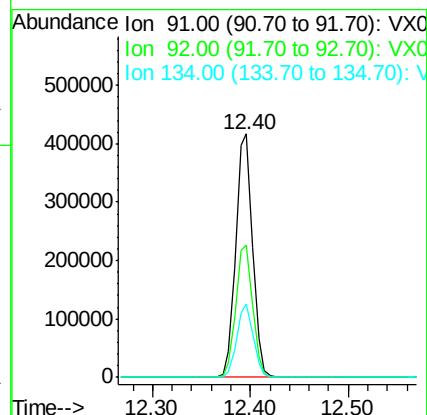
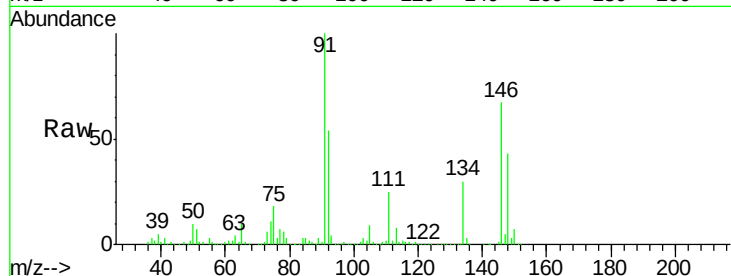
Tot Ion: 91 Resp: 497087

Ion Ratio Lower Upper

91 100

92 54.3 27.3 81.9

134 29.3 14.7 44.1



#90

Hexachloroethane

Concen: 57.16 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001843.D

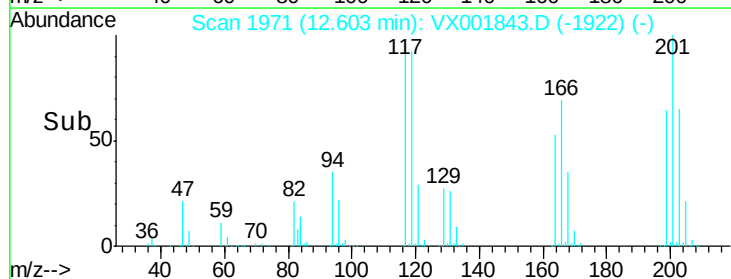
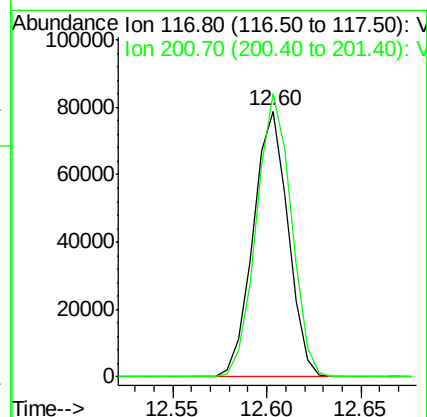
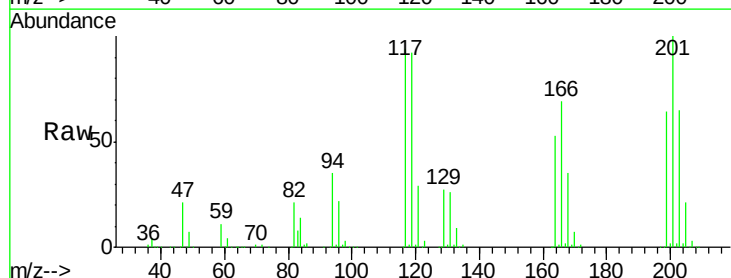
Acq: 18 May 2018 22:54

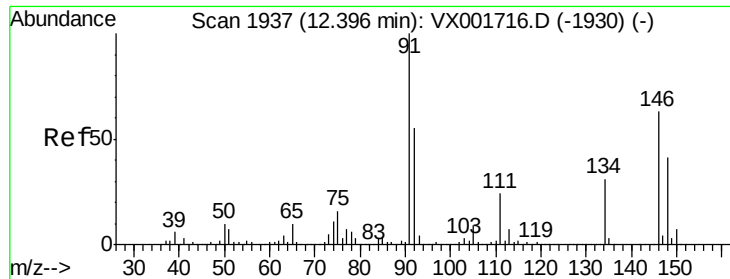
Tgt Ion: 117 Resp: 101250

Ion Ratio Lower Upper

117 100

201 106.6 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 53.19 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

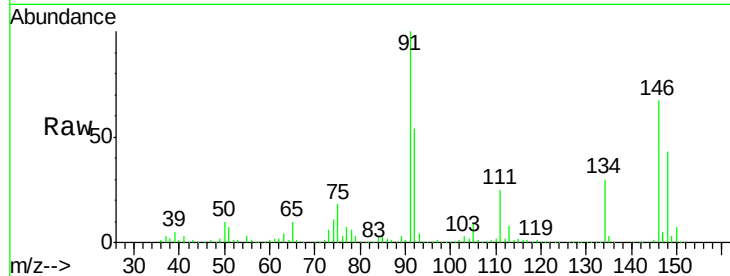
Tot Ion:146 Resp: 352254

Ion Ratio Lower Upper

146 100

111 37.3 18.6 56.0

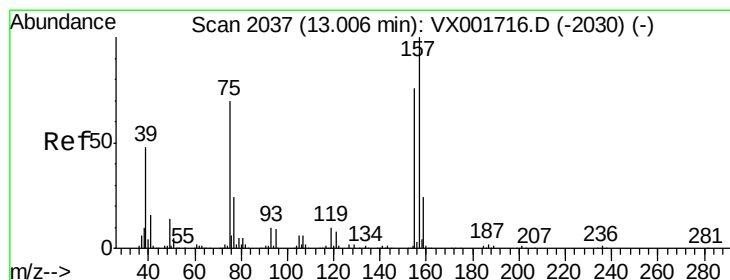
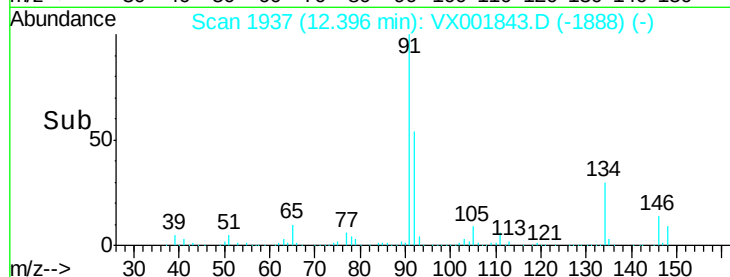
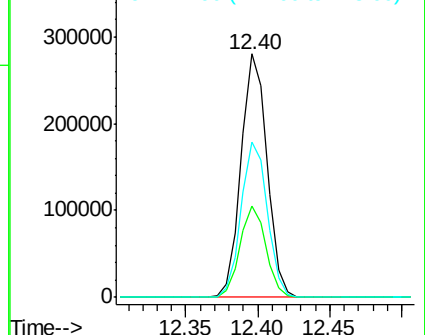
148 64.2 32.4 97.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.07 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

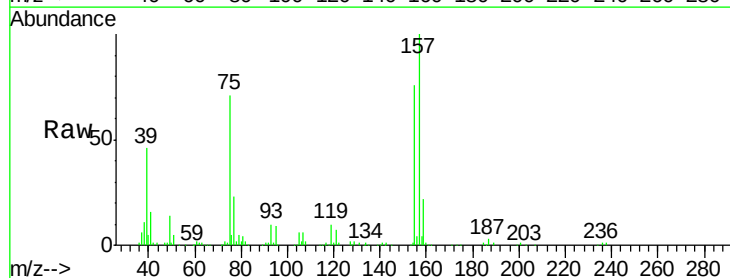
Tgt Ion: 75 Resp: 46260

Ion Ratio Lower Upper

75 100

155 111.5 53.9 161.8

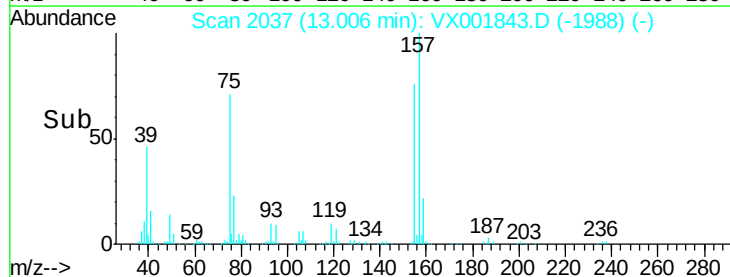
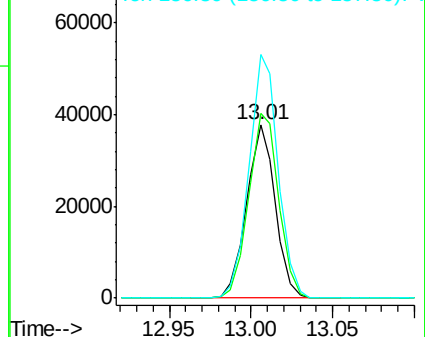
157 142.7 71.0 213.2

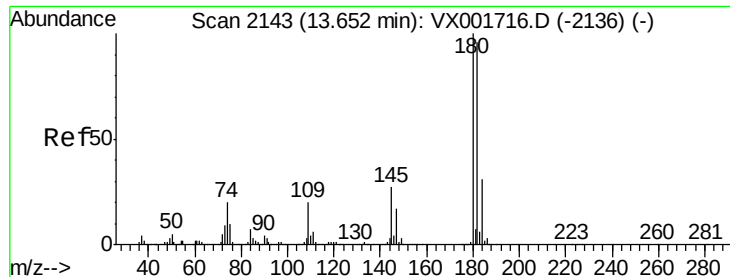


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 50.11 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

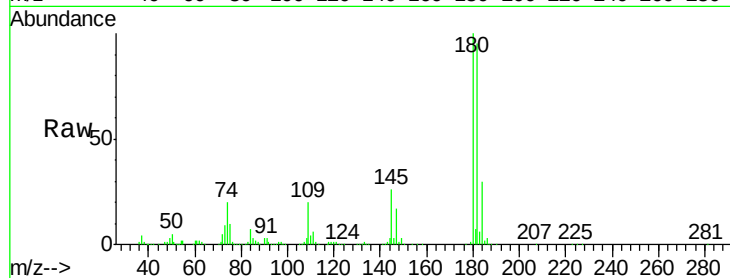
Tot Ion:180 Resp: 264513

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

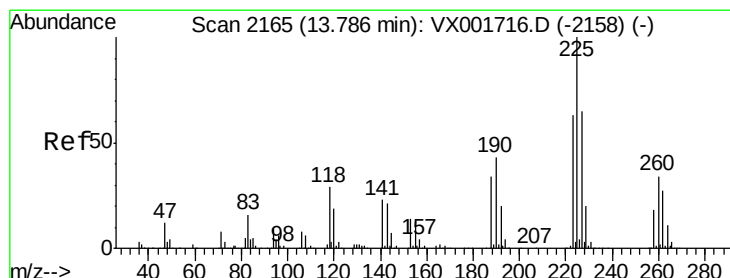
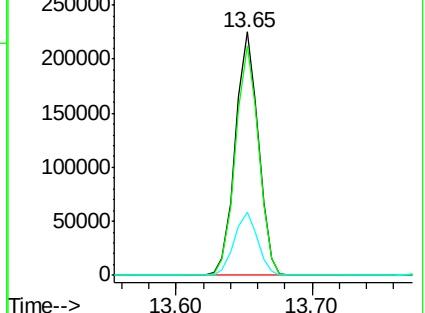
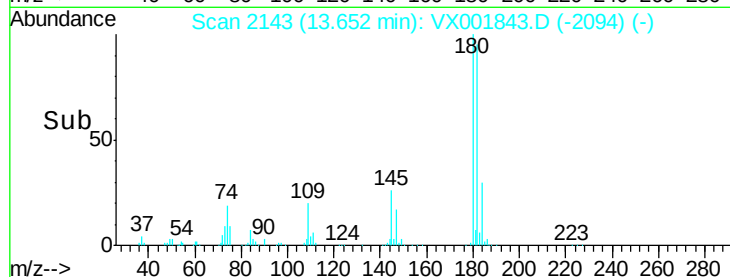
145 26.5 13.4 40.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 50.39 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

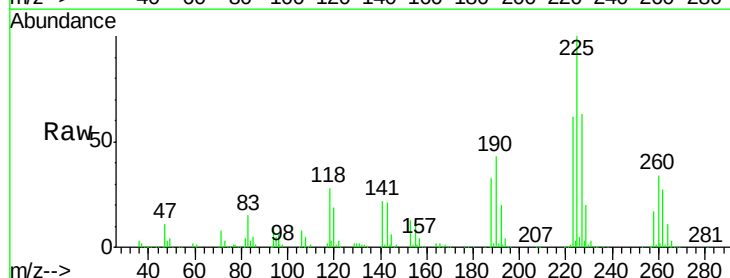
Tgt Ion:225 Resp: 142812

Ion Ratio Lower Upper

225 100

223 61.7 31.1 93.5

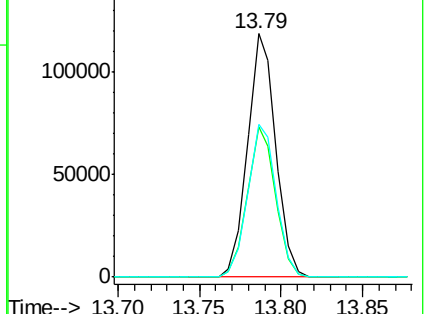
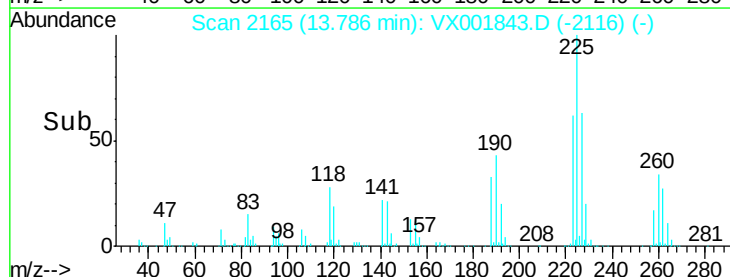
227 63.8 31.9 95.5

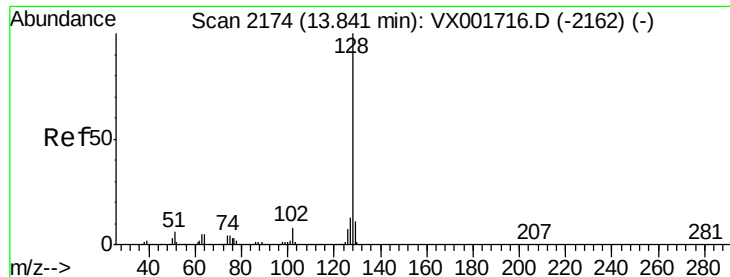


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.67 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

Instrument :

MSVOA_X

ClientSampleId :

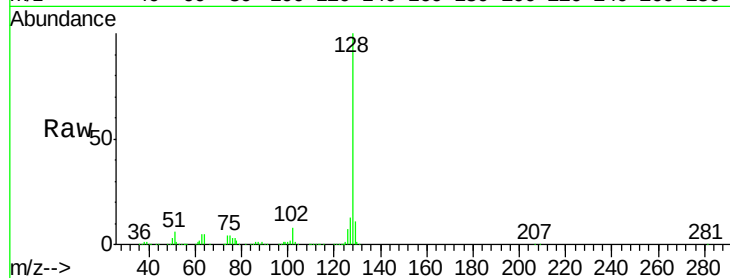
Tot Ion:128 Resp: 763811

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

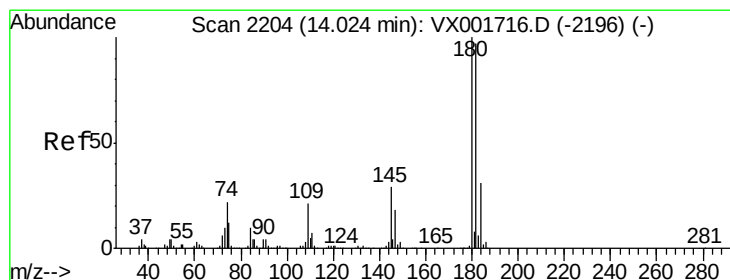
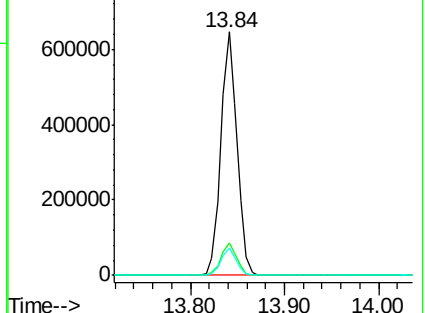
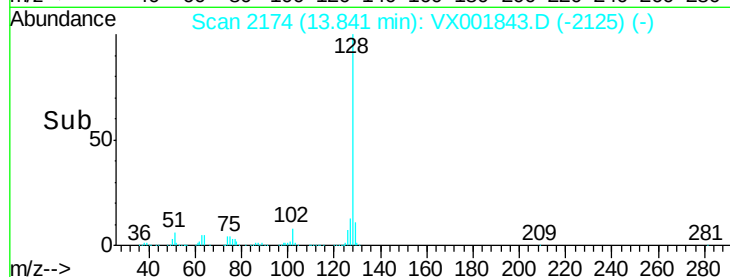
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.20 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001843.D

Acq: 18 May 2018 22:54

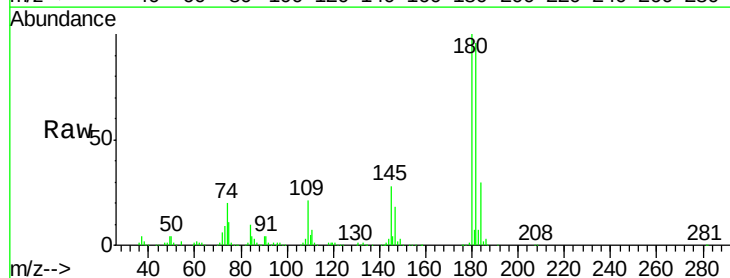
Tgt Ion:180 Resp: 277459

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 27.7 14.2 42.8



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

