

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002015.D
 Acq On : 26 May 2018 12:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:29:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	439266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	290870	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	257925	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
35) Dibromofluoromethane	5.51	113	200365	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
50) Toluene-d8	8.72	98	766114	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	11.14	95	308203	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	192026	47.38	ug/l	100
3) Chloromethane	1.32	50	226079	45.48	ug/l	100
4) Vinyl Chloride	1.41	62	229079	47.73	ug/l	99
5) Bromomethane	1.64	94	101891	46.04	ug/l	99
6) Chloroethane	1.72	64	145985	51.59	ug/l	98
7) Trichlorofluoromethane	1.93	101	371443	51.53	ug/l	99
8) Diethyl Ether	2.19	74	133091	50.89	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	216113	53.73	ug/l	98
10) Methyl Iodide	2.51	142	233728	42.94	ug/l	98
11) Tert butyl alcohol	3.08	59	274862	242.46	ug/l	98
12) 1,1-Dichloroethene	2.37	96	187416	49.77	ug/l	97
13) Acrolein	2.30	56	86266	176.00	ug/l	99
14) Allyl chloride	2.73	41	402807	50.96	ug/l	99
15) Acrylonitrile	3.15	53	566964	243.20	ug/l	100
16) Acetone	2.45	43	551353	247.37	ug/l	99
17) Carbon Disulfide	2.57	76	515858	47.60	ug/l	99
18) Methyl Acetate	2.78	43	286347	53.41	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	717382	50.65	ug/l	100
20) Methylene Chloride	2.85	84	206871	53.73	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	198758	54.35	ug/l	99
22) Diisopropyl ether	3.88	45	757054	47.08	ug/l	99
23) Vinyl Acetate	3.83	43	3315626	248.70	ug/l	98
24) 1,1-Dichloroethane	3.70	63	390805	51.16	ug/l	100
25) 2-Butanone	4.71	43	875749	214.37	ug/l	100
26) 2,2-Dichloropropane	4.59	77	353431	45.72	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	220824	44.97	ug/l	98
28) Bromochloromethane	5.03	49	169457	52.92	ug/l	99
29) Tetrahydrofuran	5.17	42	566410	213.11	ug/l	99
30) Chloroform	5.22	83	388615	45.16	ug/l	99
31) Cyclohexane	5.58	56	365003	45.87	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	361948	45.12	ug/l	99
36) 1,1-Dichloropropene	5.80	75	291650	47.73	ug/l	99
37) Ethyl Acetate	4.87	43	344487	43.25	ug/l	100
38) Carbon Tetrachloride	5.79	117	327149	45.92	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	373821	49.80	ug/l	99
40) Benzene	6.15	78	856305	47.84	ug/l	100
41) Methacrylonitrile	5.07	41	198735	47.20	ug/l	99
42) 1,2-Dichloroethane	6.20	62	330467	46.22	ug/l	100
43) Isopropyl Acetate	6.47	43	610710	46.01	ug/l	100
44) Trichloroethene	7.21	130	249617	47.85	ug/l	99
45) 1,2-Dichloropropane	7.52	63	234592	48.26	ug/l	98
46) Dibromomethane	7.67	93	152460	47.37	ug/l	99
47) Bromodichloromethane	7.90	83	310672	45.27	ug/l	100
48) Methyl methacrylate	7.78	41	308338	45.64	ug/l	99
49) 1,4-Dioxane	7.76	88	107160	900.21	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1855684	231.93	ug/l	99
52) Toluene	8.79	92	550867	48.36	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	374961	47.44	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	364463	47.32	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	222027	46.65	ug/l	99
56) Ethyl methacrylate	9.19	69	374976	45.81	ug/l	99
57) 1,3-Dichloropropane	9.38	76	372076	47.46	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	873184	240.67	ug/l	99
59) 2-Hexanone	9.50	43	1431201	231.99	ug/l	99
60) Dibromochloromethane	9.59	129	261094	46.32	ug/l	99
61) 1,2-Dibromoethane	9.68	107	237557	47.57	ug/l	99
64) Tetrachloroethene	9.34	164	287324	48.88	ug/l	100
65) Chlorobenzene	10.14	112	624646	48.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	242828	46.30	ug/l	100
67) Ethyl Benzene	10.26	91	1106384	49.02	ug/l	99
68) m/p-Xylenes	10.37	106	852565	98.83	ug/l	99
69) o-Xylene	10.70	106	417337	48.45	ug/l	100
70) Styrene	10.72	104	697874	48.85	ug/l	100
71) Bromoform	10.86	173	222049	44.65	ug/l #	99
73) Isopropylbenzene	11.02	105	1139602	46.27	ug/l	99
74) N-amyl acetate	6.47	43	610710	47.65	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	320718	47.55	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	431424	61.75	ug/l	78
77) Bromobenzene	11.26	156	298630	45.70	ug/l	99
78) n-propylbenzene	11.37	91	1312746	47.59	ug/l	100
79) 2-Chlorotoluene	11.43	91	772508	51.10	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	984701	46.78	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	118502	40.77	ug/l	93
82) 4-Chlorotoluene	11.52	91	918796	47.22	ug/l	99
83) tert-Butylbenzene	11.77	119	944632	45.73	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1005495	46.22	ug/l	100
85) sec-Butylbenzene	11.95	105	1189538	47.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	1077992	48.52	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	553158	47.26	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	557783	47.67	ug/l	100
89) n-Butylbenzene	12.40	91	959681	50.97	ug/l	100
90) Hexachloroethane	12.60	117	195582	44.63	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	557128	46.72	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	89371	40.81	ug/l	99

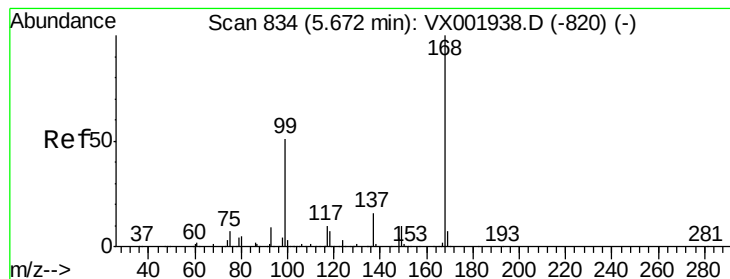
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	422359	49.53	ug/l	100
94) Hexachlorobutadiene	13.79	225	229362	50.00	ug/l	100
95) Naphthalene	13.84	128	1194999	45.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	424129	48.07	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

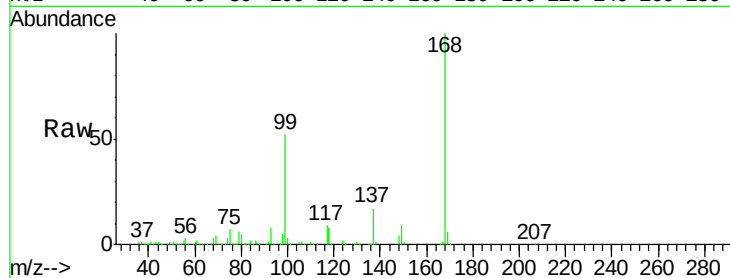
ClientSampled :

Tot Ion:168 Resp: 323096

Ion Ratio Lower Upper

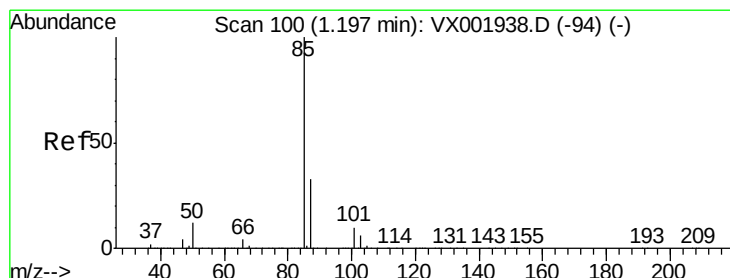
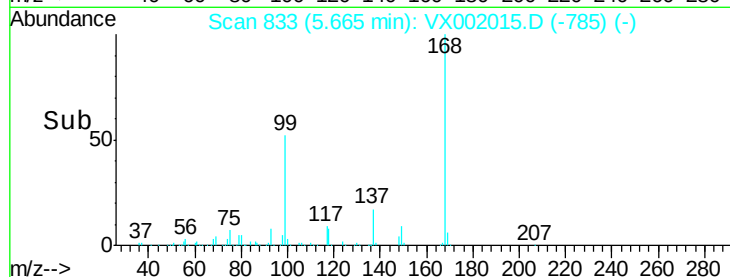
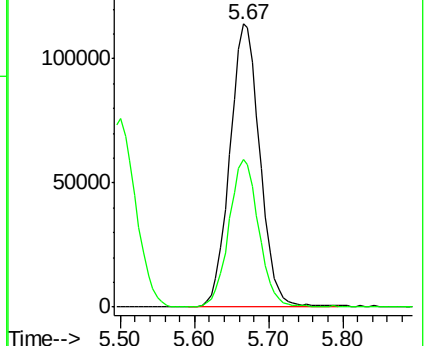
168 100

99 52.1 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.38 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002015.D

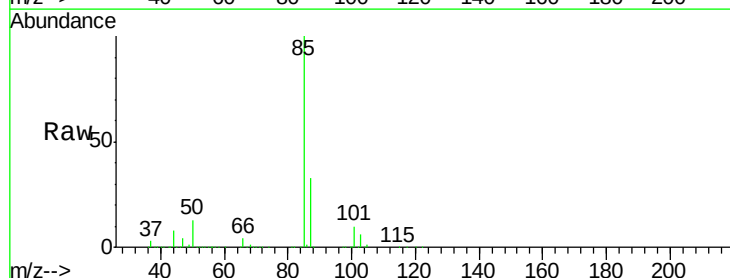
Acq: 26 May 2018 12:58

Tgt Ion: 85 Resp: 192026

Ion Ratio Lower Upper

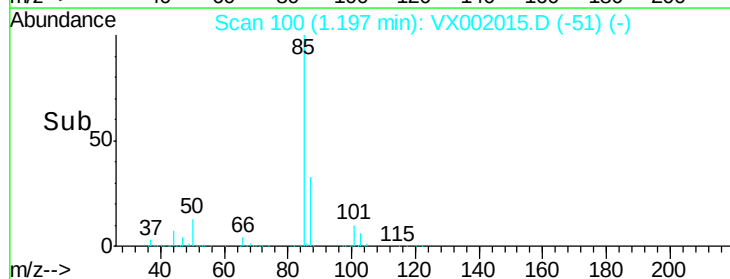
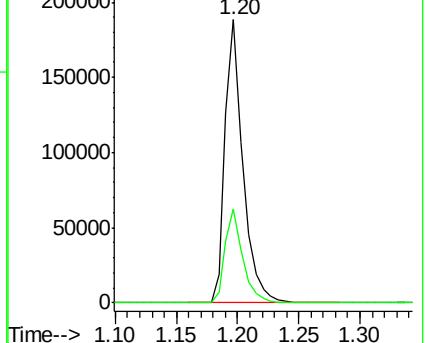
85 100

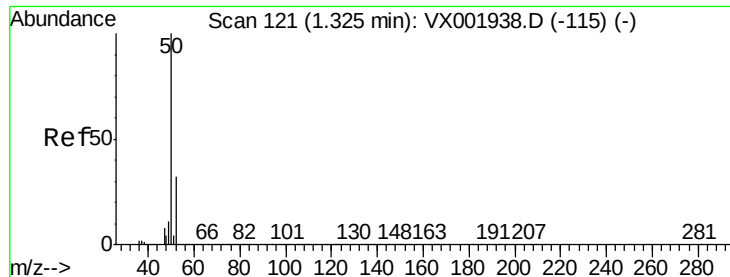
87 33.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

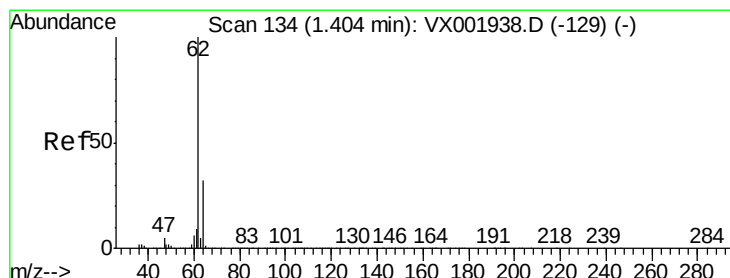
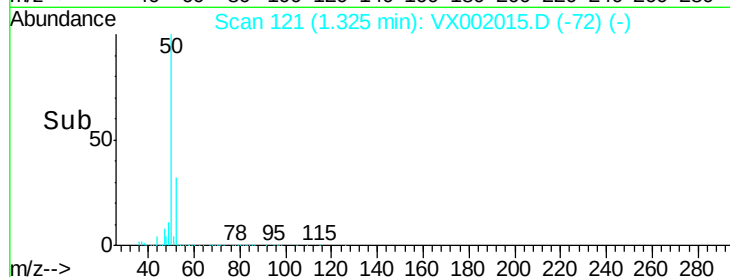
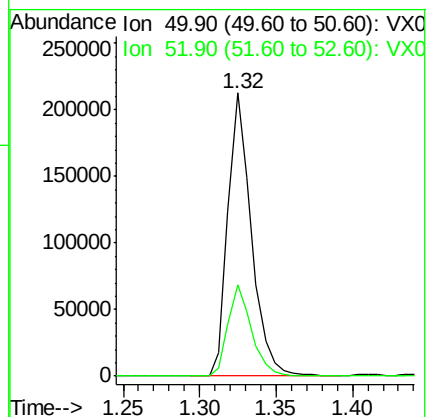
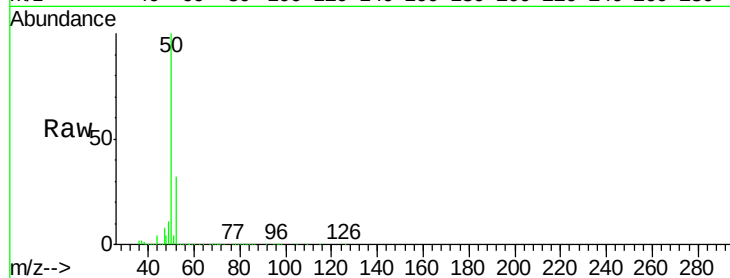
ClientSampleId :

Tot Ion: 50 Resp: 226079

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 47.73 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002015.D

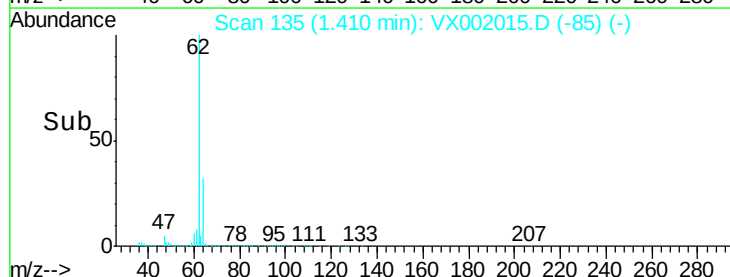
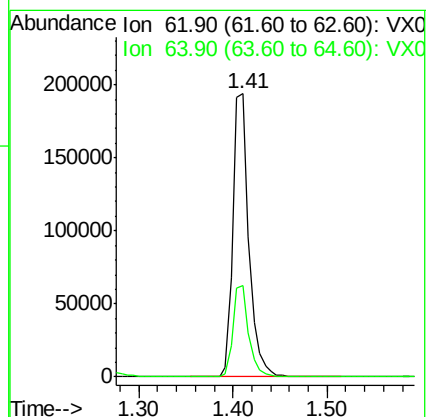
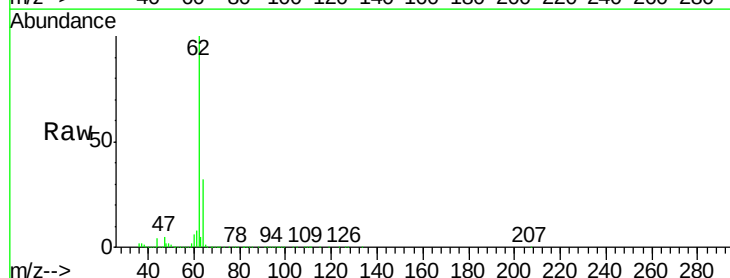
Acq: 26 May 2018 12:58

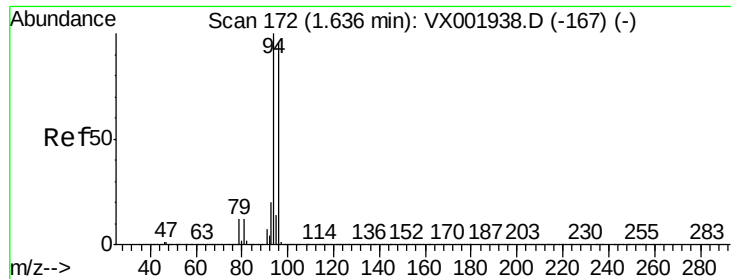
Tgt Ion: 62 Resp: 229079

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 46.04 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

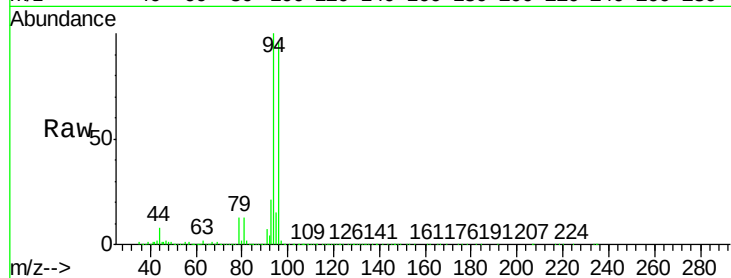
ClientSampleId :

Tot Ion: 94 Resp: 101891

Ion Ratio Lower Upper

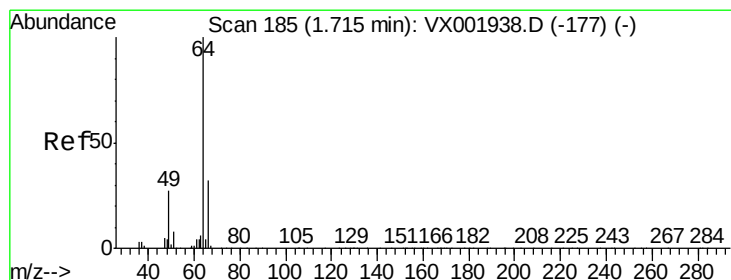
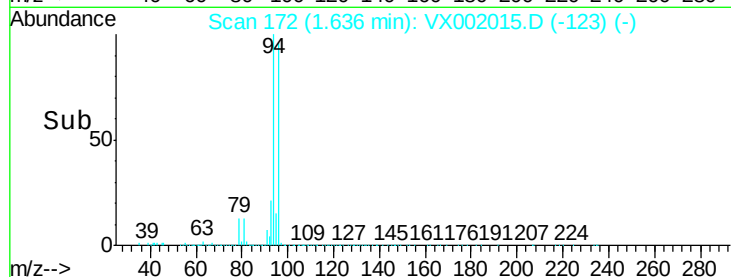
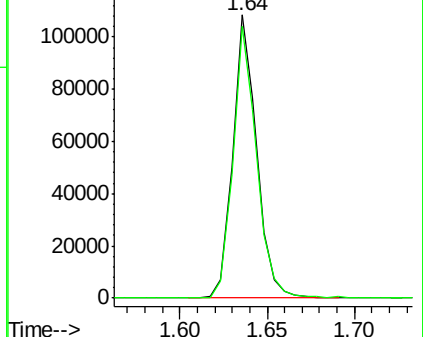
94 100

96 96.1 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.59 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002015.D

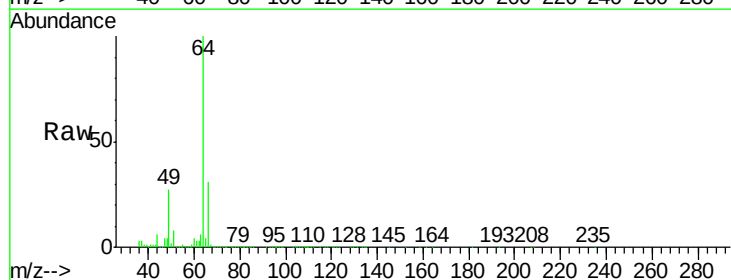
Acq: 26 May 2018 12:58

Tgt Ion: 64 Resp: 145985

Ion Ratio Lower Upper

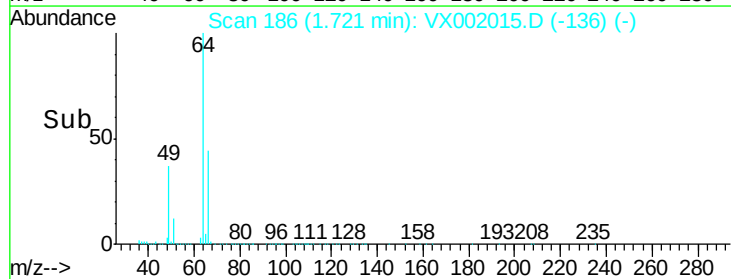
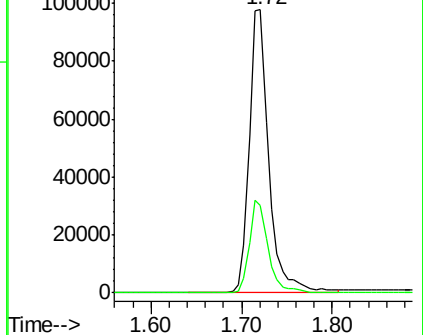
64 100

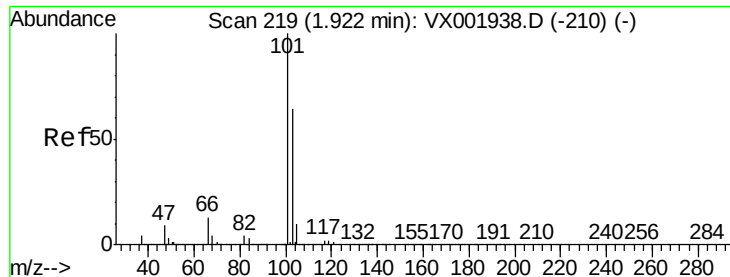
66 30.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



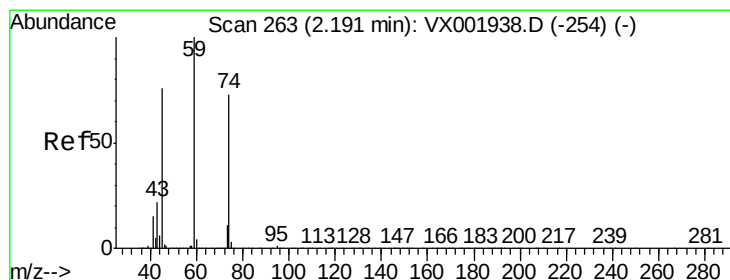
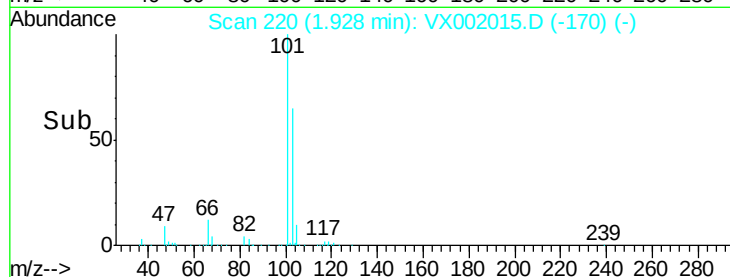
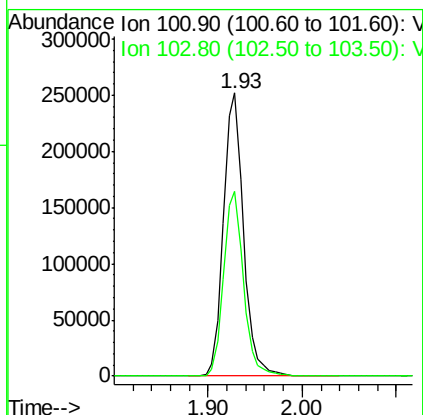
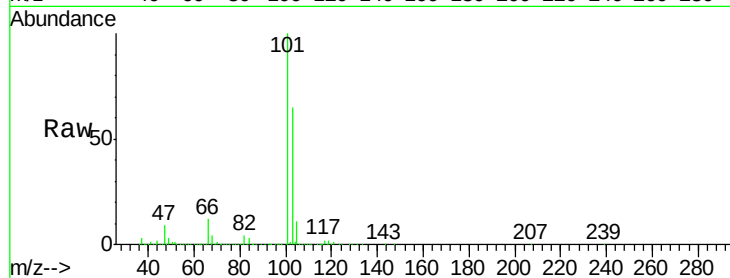


#7

Trichlorofluoromethane
Concen: 51.53 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Instrument :
MSVOA_X
ClientSampled :

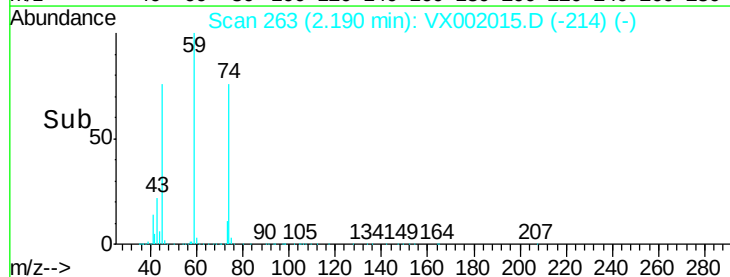
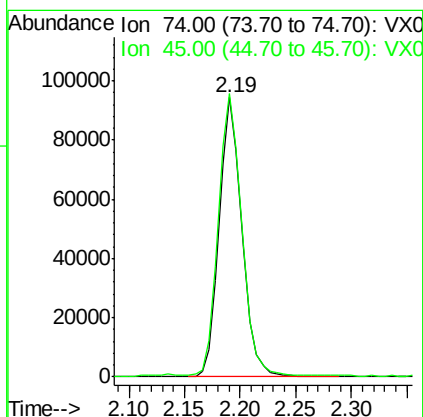
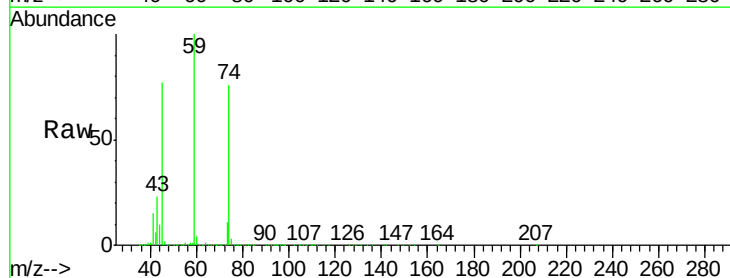
Tot Ion:101 Resp: 371443
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

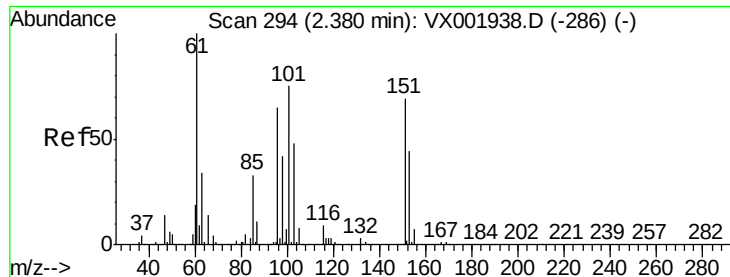


#8

Diethyl Ether
Concen: 50.89 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Tgt Ion: 74 Resp: 133091
Ion Ratio Lower Upper
74 100
45 103.9 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.73 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX002015.D

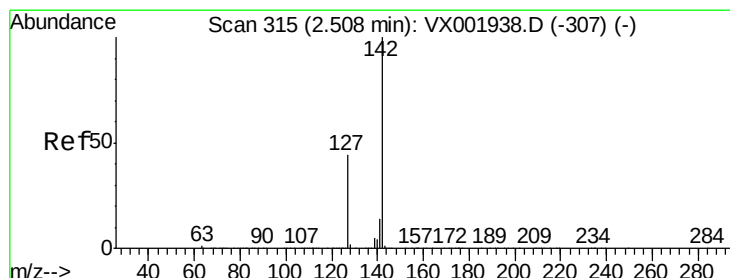
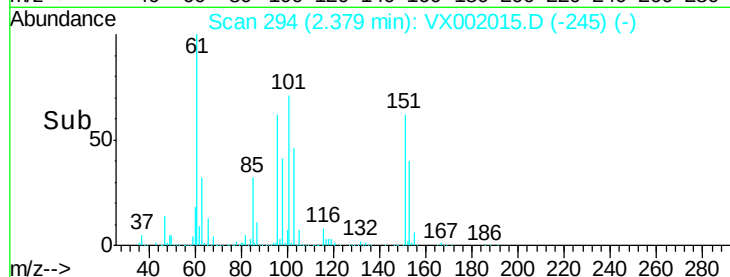
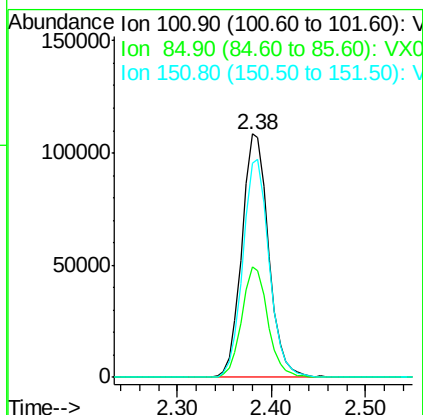
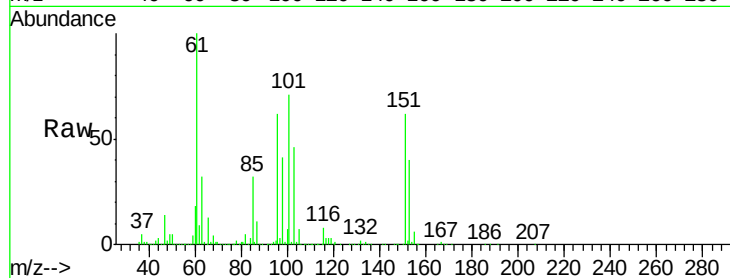
Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	216113
Ion	Ratio	Lower	Upper
101	100		
85	44.0	35.6	53.4
151	88.5	73.2	109.8



#10

Methyl Iodide

Concen: 42.94 ug/l

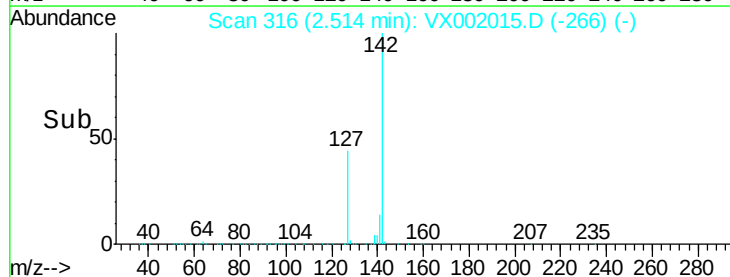
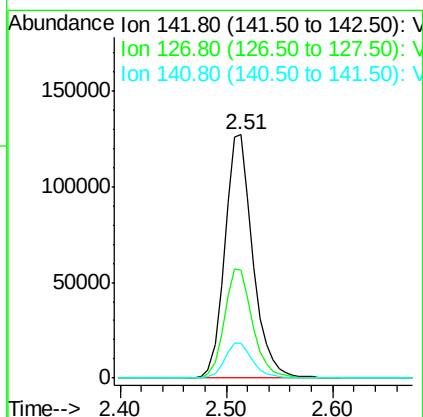
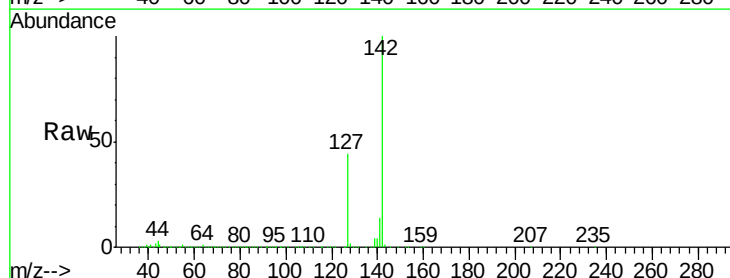
RT: 2.51 min Scan# 316

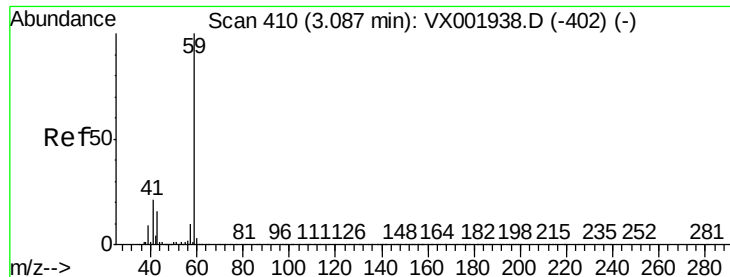
Delta R.T. 0.01 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Tgt Ion:	142	Resp:	233728
Ion	Ratio	Lower	Upper
142	100		
127	45.6	35.5	53.3
141	14.4	11.3	16.9



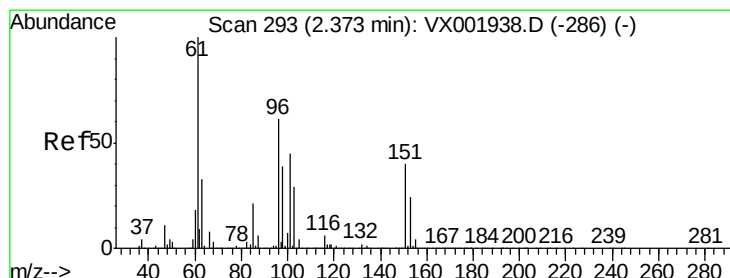
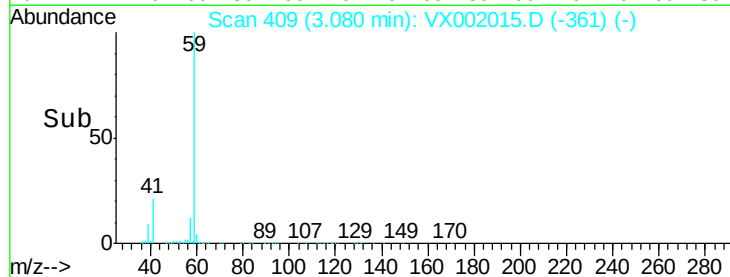
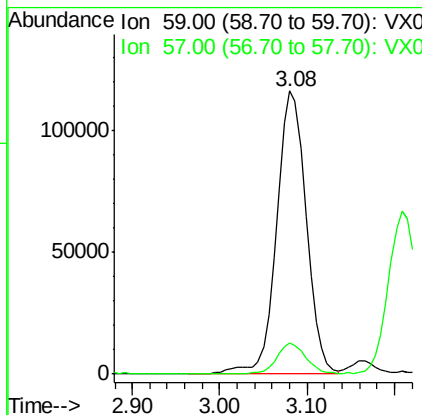
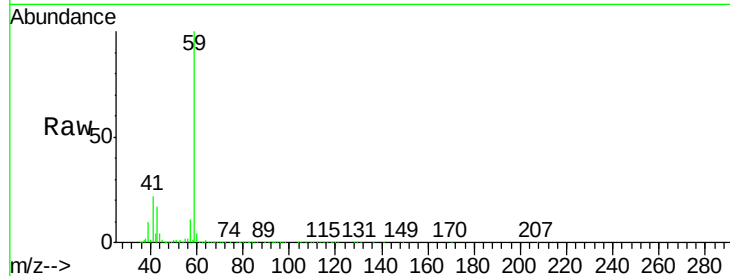


#11

Tert butyl alcohol
 Concen: 242.46 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

Instrument :
 MSVOA_X
 ClientSampled :

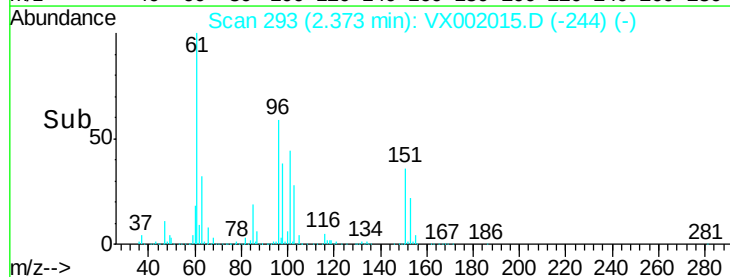
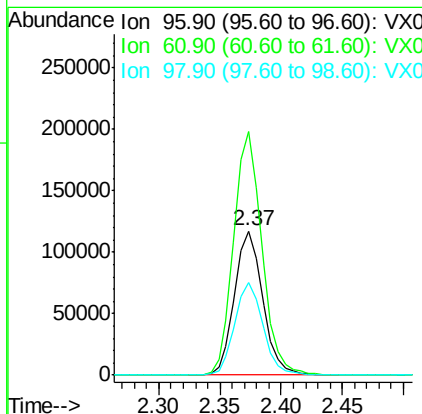
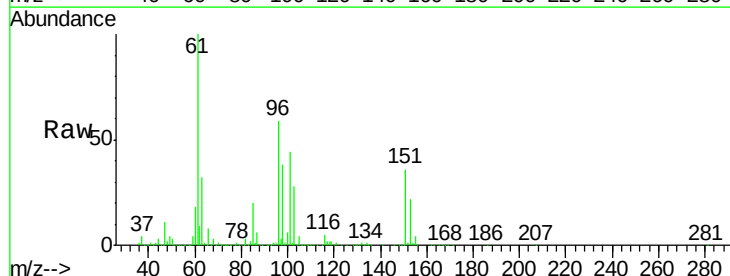
Tot Ion: 59 Resp: 274862
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.9 13.3

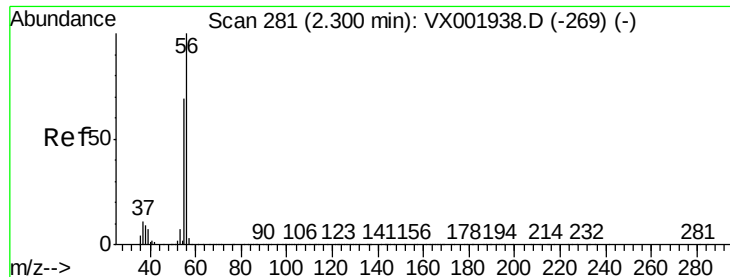


#12

1,1-Dichloroethene
 Concen: 49.77 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

Tgt Ion: 96 Resp: 187416
 Ion Ratio Lower Upper
 96 100
 61 169.5 131.7 197.5
 98 64.3 51.6 77.4





#13

Acrolein

Concen: 176.00 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

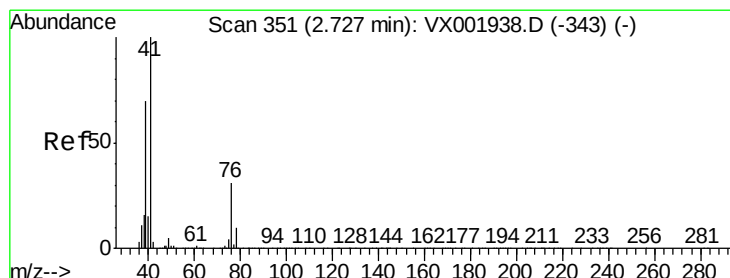
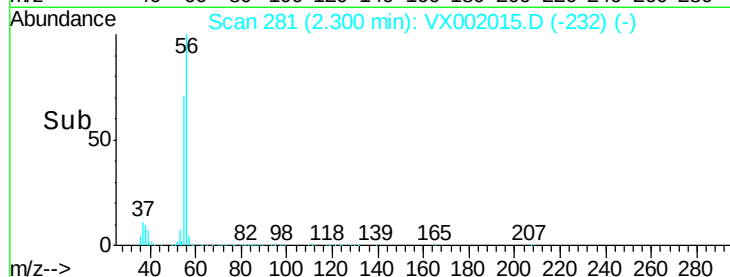
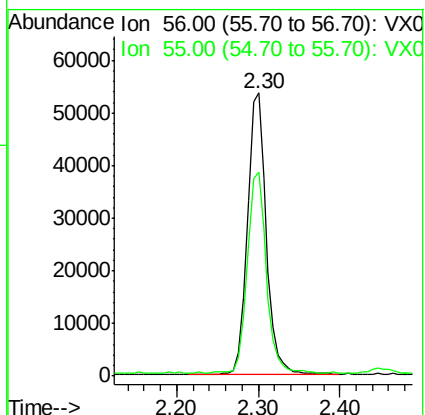
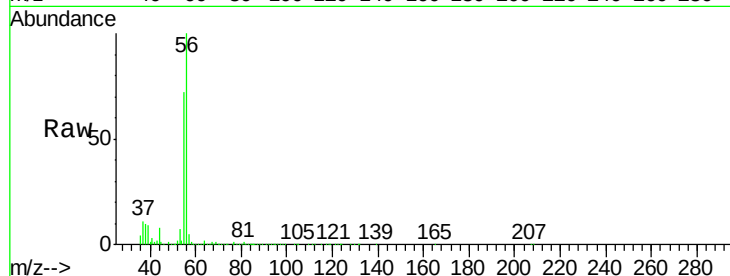
ClientSampleId :

Tot Ion: 56 Resp: 86266

Ion Ratio Lower Upper

56 100

55 71.7 56.8 85.2



#14

Allyl chloride

Concen: 50.96 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

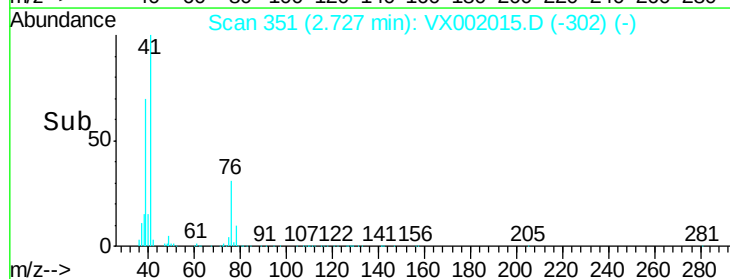
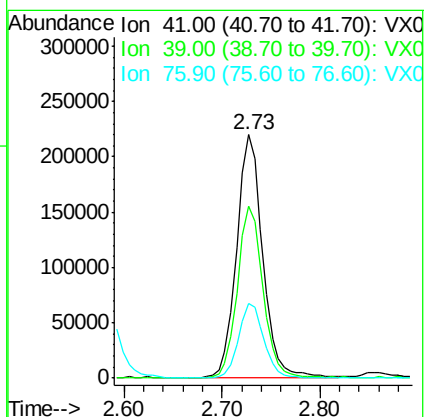
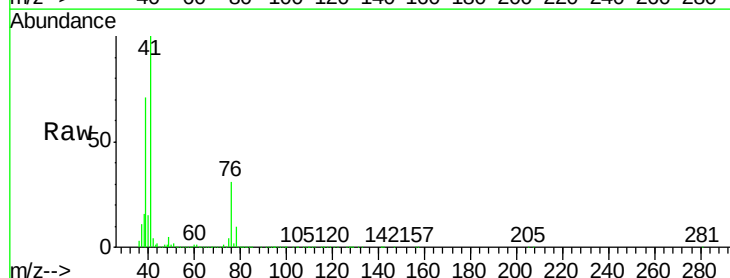
Tgt Ion: 41 Resp: 402807

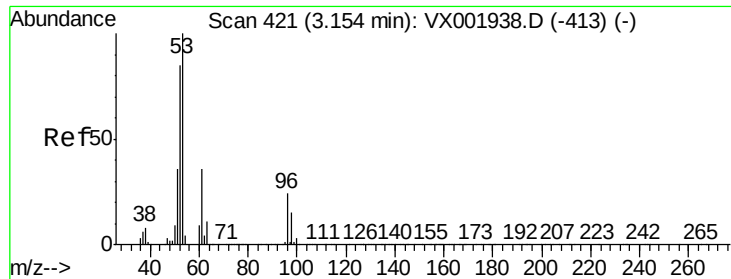
Ion Ratio Lower Upper

41 100

39 68.8 54.3 81.5

76 30.0 24.2 36.4





#15

Acrylonitrile

Concen: 243.20 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

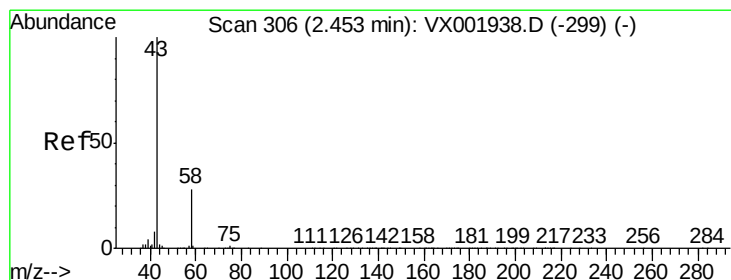
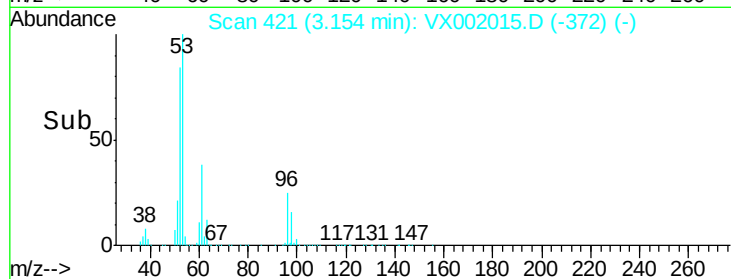
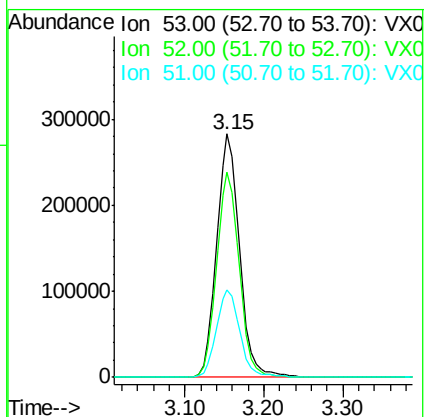
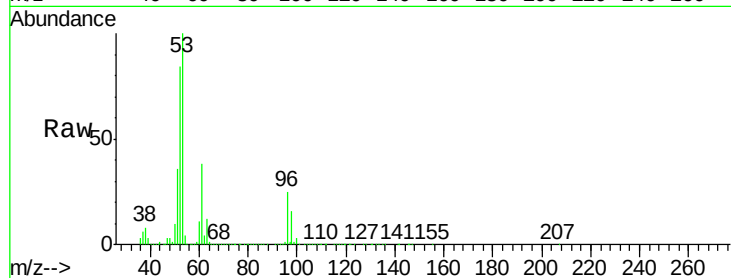
Tot Ion: 53 Resp: 566964

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

51 37.0 29.3 43.9



#16

Acetone

Concen: 247.37 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002015.D

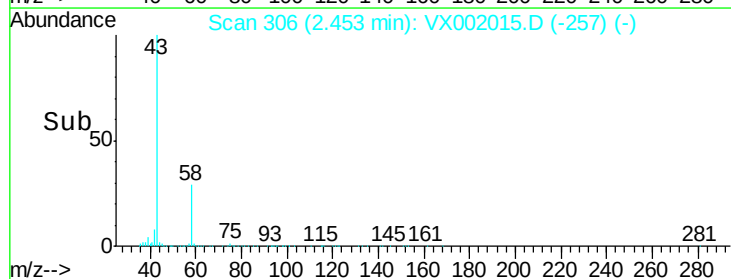
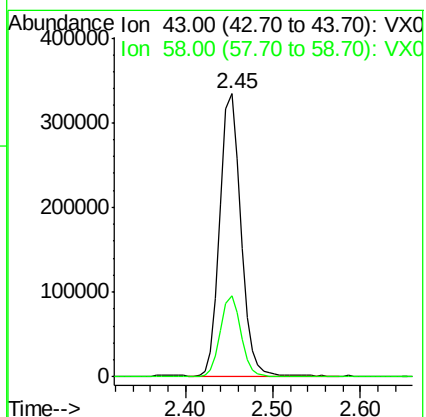
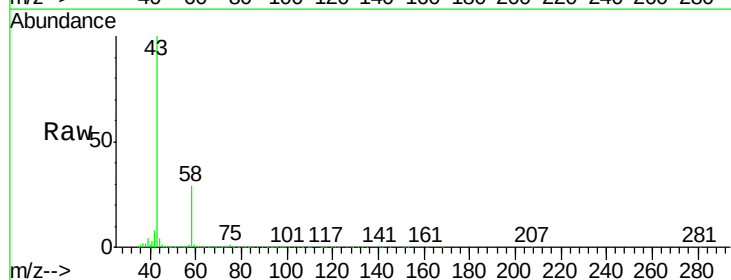
Acq: 26 May 2018 12:58

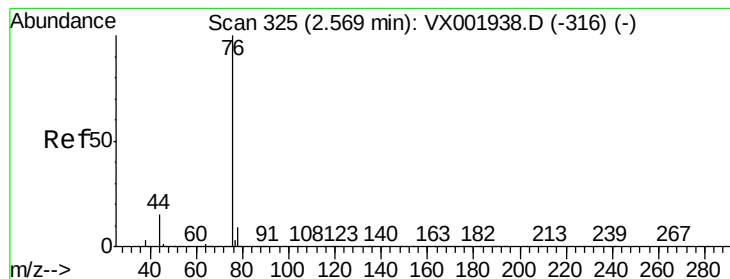
Tgt Ion: 43 Resp: 551353

Ion Ratio Lower Upper

43 100

58 28.6 22.3 33.5





#17

Carbon Disulfide

Concen: 47.60 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

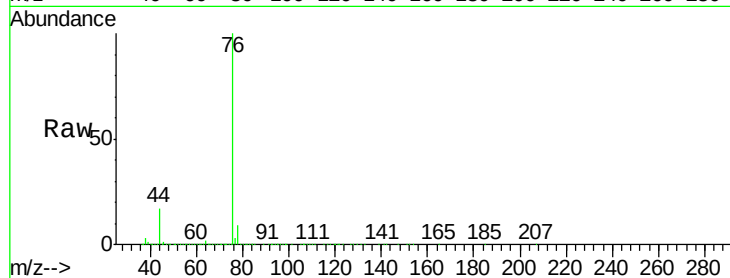
ClientSampleId :

Tot Ion: 76 Resp: 515858

Ion Ratio Lower Upper

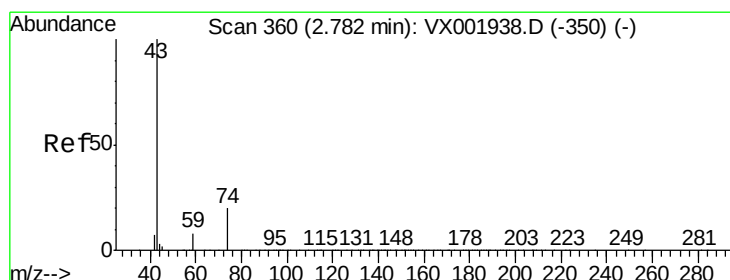
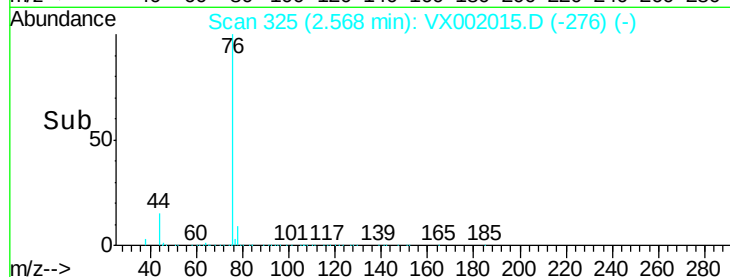
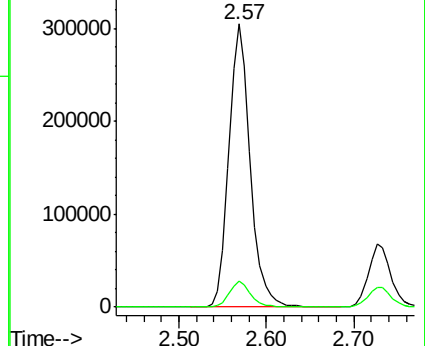
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.41 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002015.D

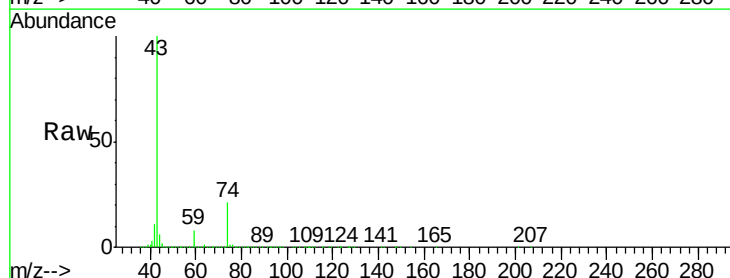
Acq: 26 May 2018 12:58

Tgt Ion: 43 Resp: 286347

Ion Ratio Lower Upper

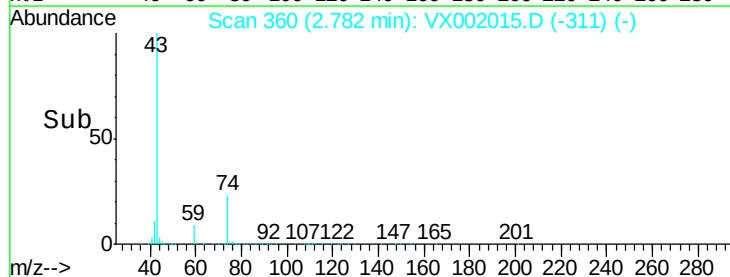
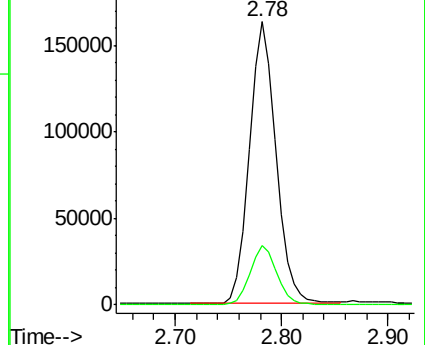
43 100

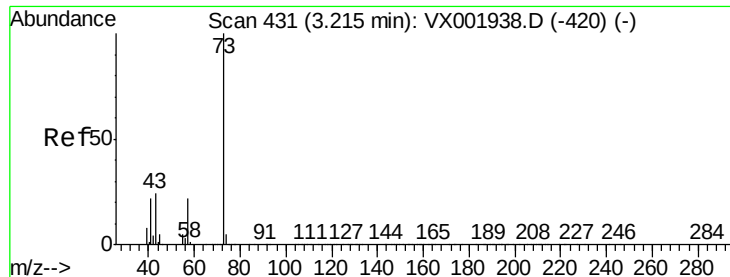
74 20.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

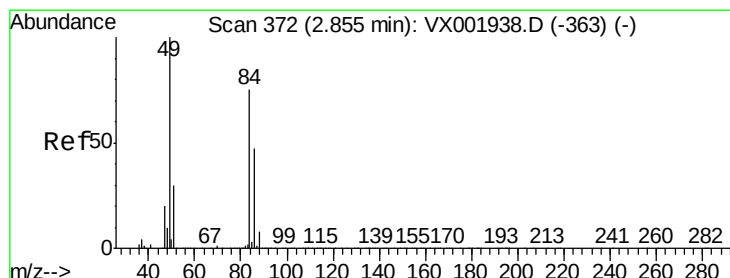
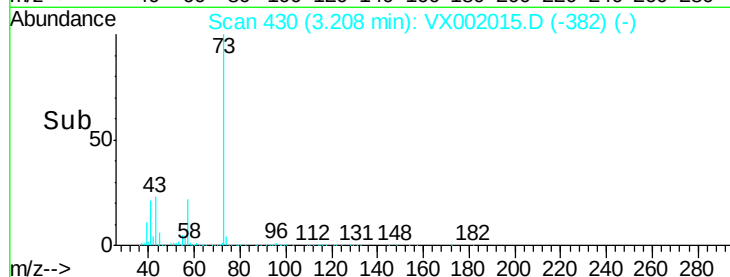
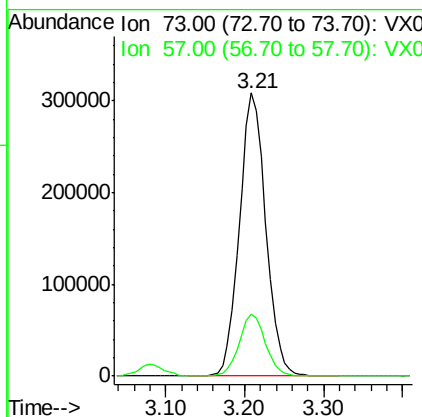
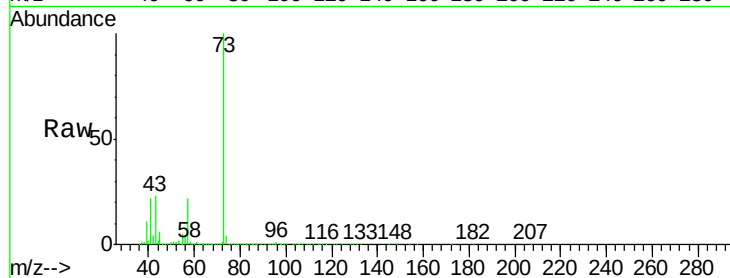




#19
Methyl tert-butyl Ether
Concen: 50.65 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

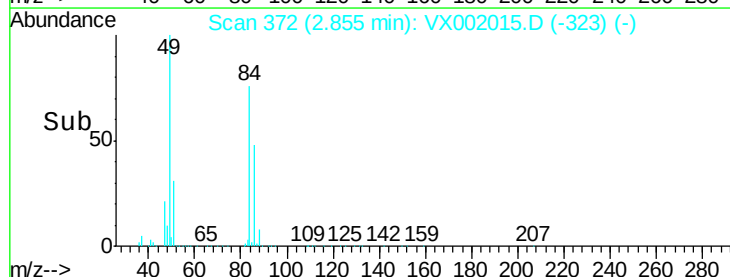
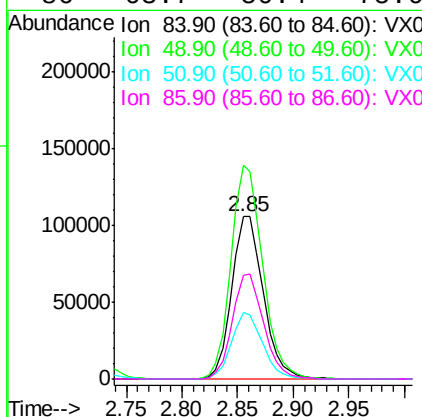
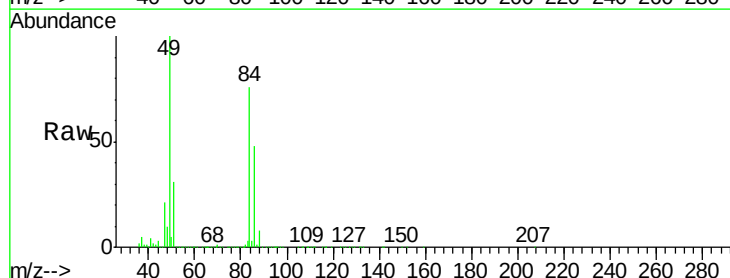
Instrument :
MSVOA_X
ClientSampleId :

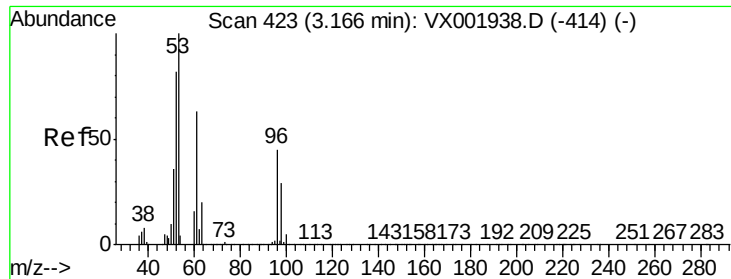
Tot Ion: 73 Resp: 717382
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0



#20
Methylene Chloride
Concen: 53.73 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Tgt Ion: 84 Resp: 206871
Ion Ratio Lower Upper
84 100
49 131.9 107.2 160.8
51 40.7 32.4 48.6
86 63.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 54.35 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

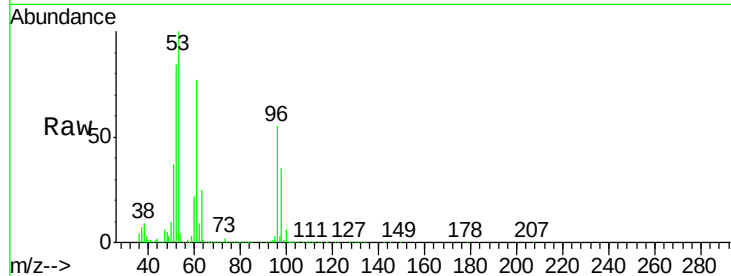
Tot Ion: 96 Resp: 198758

Ion Ratio Lower Upper

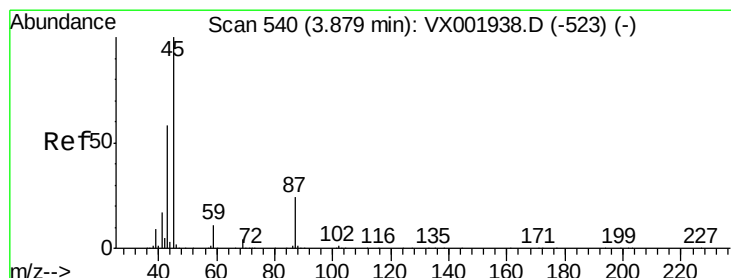
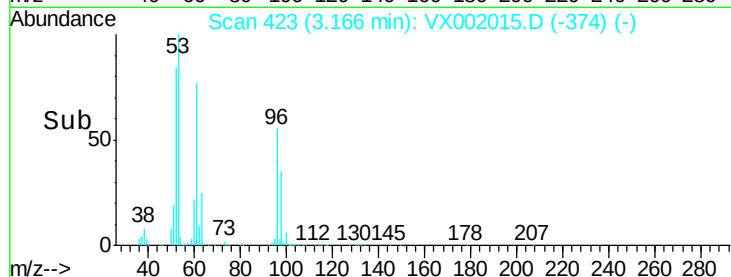
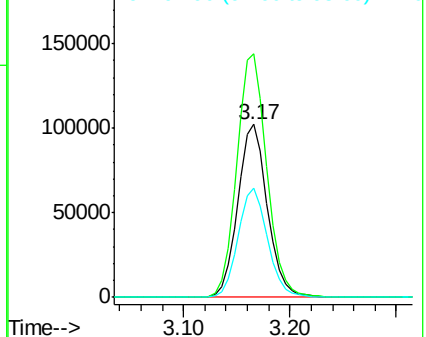
96 100

61 140.9 113.3 169.9

98 62.9 51.7 77.5



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: 47.08 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Tgt Ion: 45 Resp: 757054

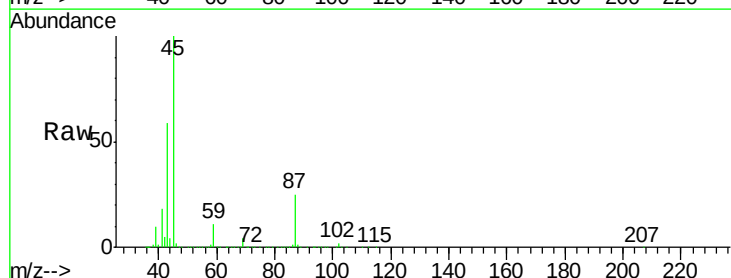
Ion Ratio Lower Upper

45 100

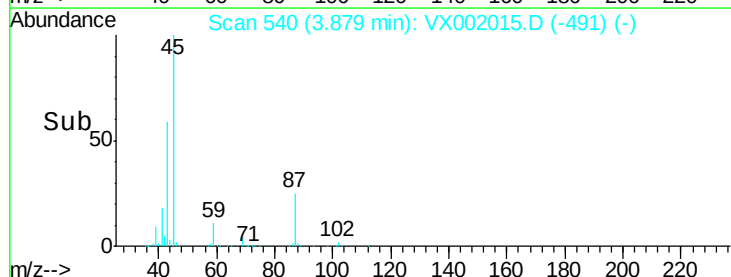
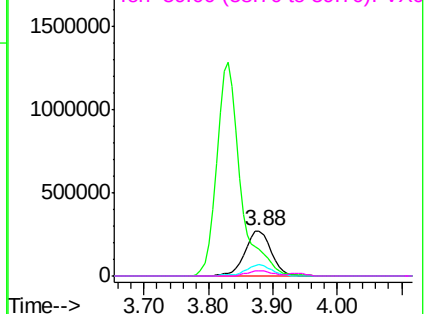
43 58.4 47.0 70.6

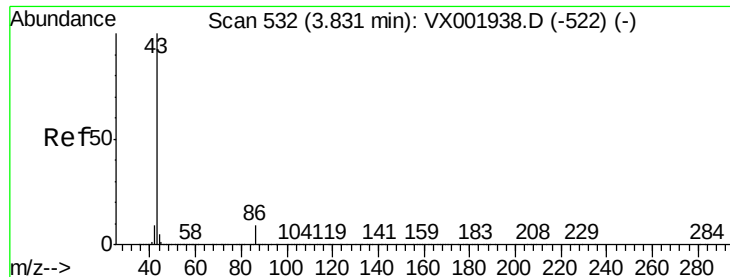
87 24.9 19.4 29.0

59 10.9 8.5 12.7



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: 248.70 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

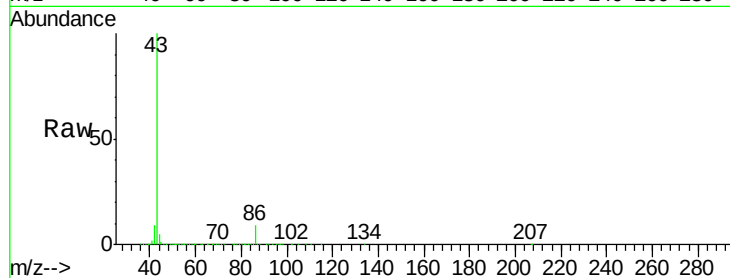
ClientSampled :

Tot Ion: 43 Resp: 3315626

Ion Ratio Lower Upper

43 100

86 8.9 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

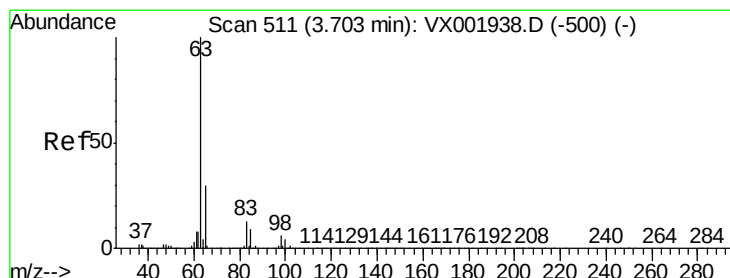
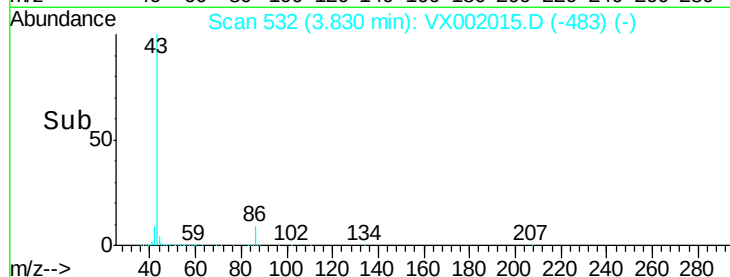
1500000

1000000

500000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 51.16 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

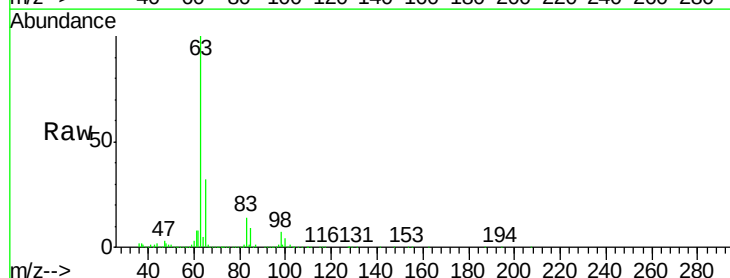
Tgt Ion: 63 Resp: 390805

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.2 2.1 6.5



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

200000

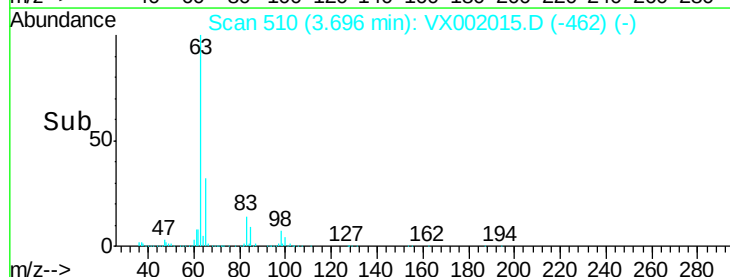
150000

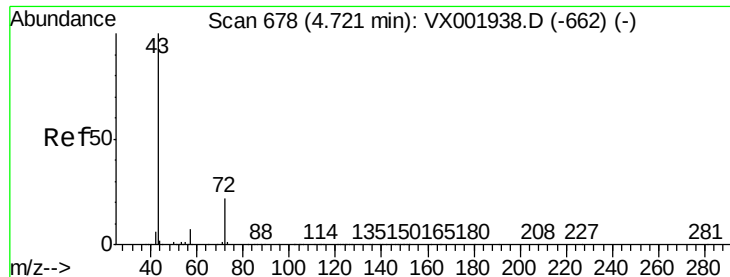
100000

50000

0

Time--> 3.60 3.70 3.80 3.90

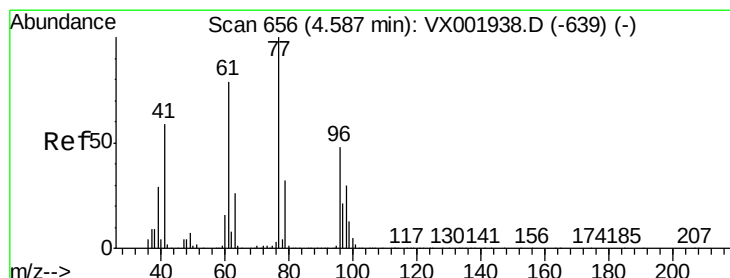
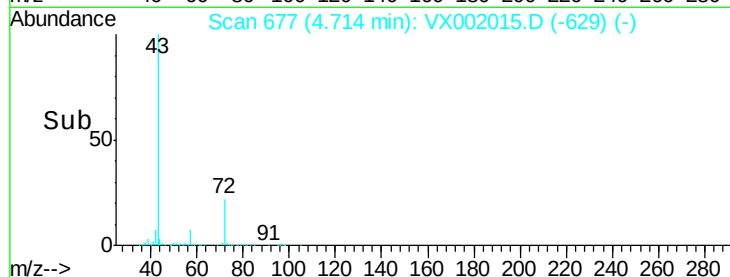
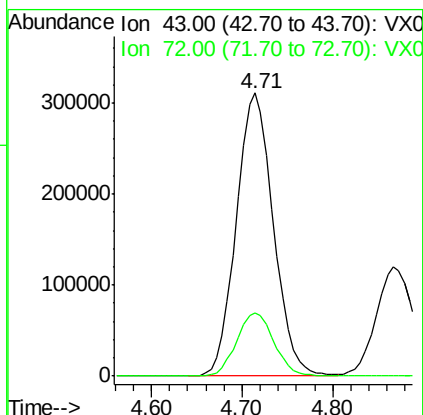
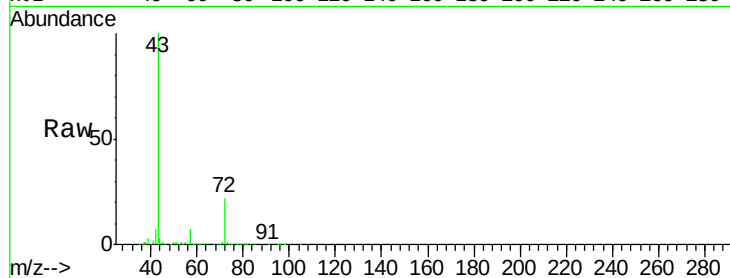




#25
2-Butanone
Concen: 214.37 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

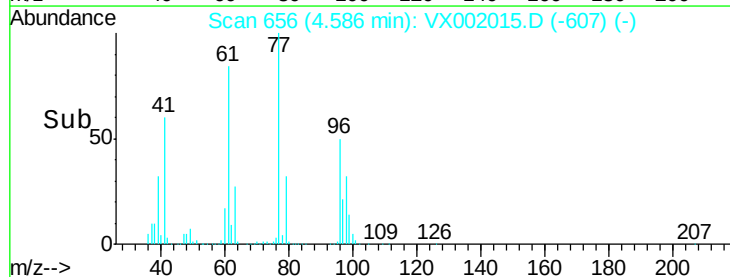
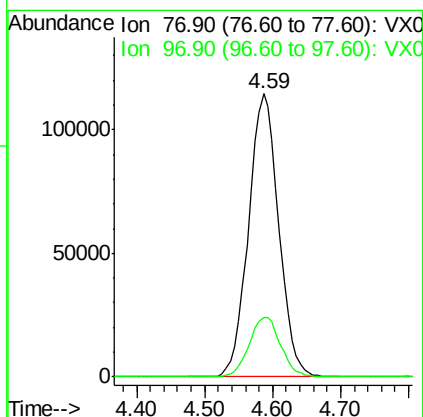
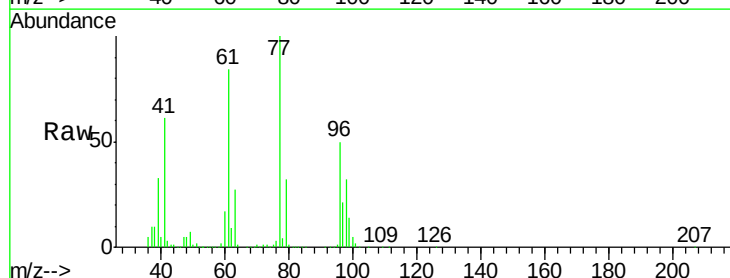
Instrument :
MSVOA_X
ClientSampled :

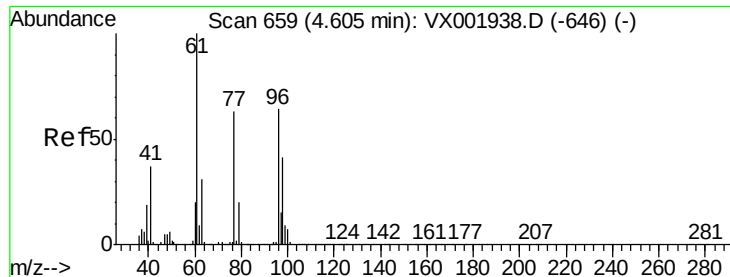
Tot Ion: 43 Resp: 875749
Ion Ratio Lower Upper
43 100
72 22.3 17.9 26.9



#26
2,2-Dichloropropane
Concen: 45.72 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Tgt Ion: 77 Resp: 353431
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 44.97 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

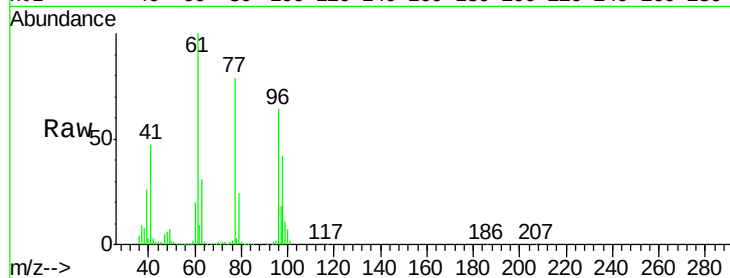
Tot Ion: 96 Resp: 220824

Ion Ratio Lower Upper

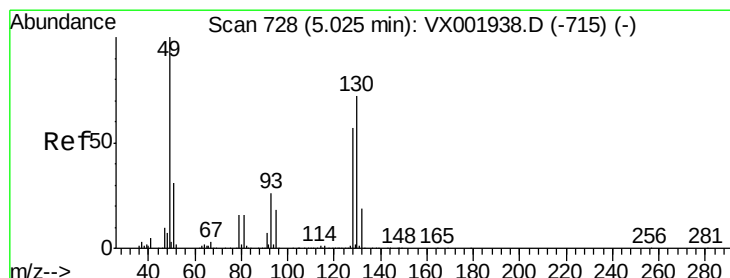
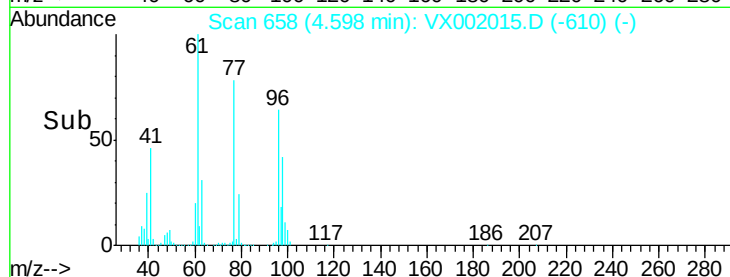
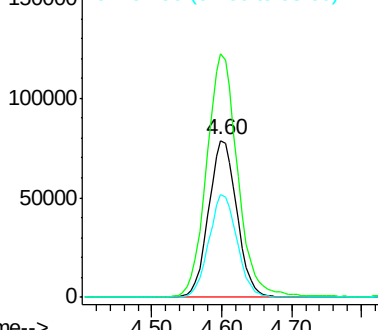
96 100

61 171.7 0.0 348.4

98 65.6 0.0 128.6



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



#28

Bromochloromethane

Concen: 52.92 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

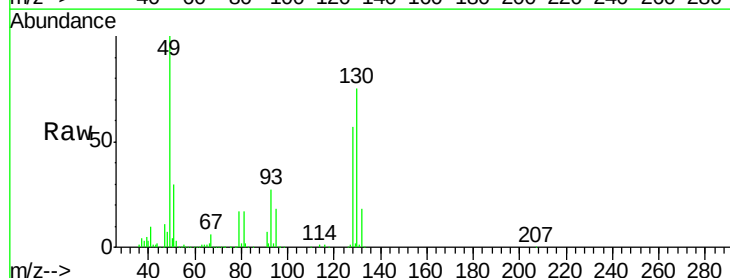
Tgt Ion: 49 Resp: 169457

Ion Ratio Lower Upper

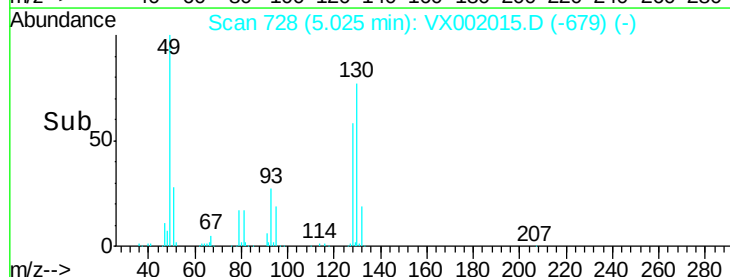
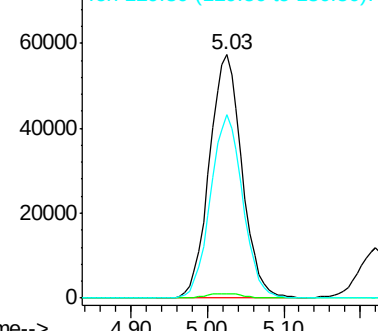
49 100

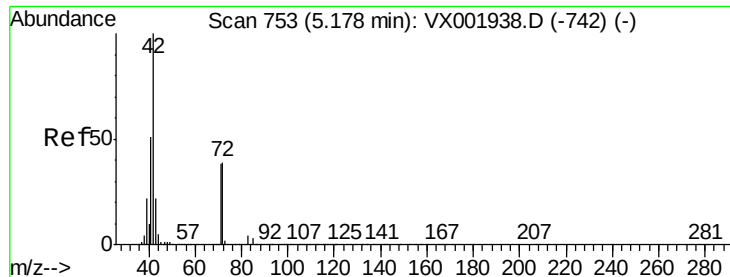
129 2.1 0.0 3.8

130 74.8 59.4 89.2



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





#29

Tetrahydrofuran

Concen: 213.11 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

ClientSampled :

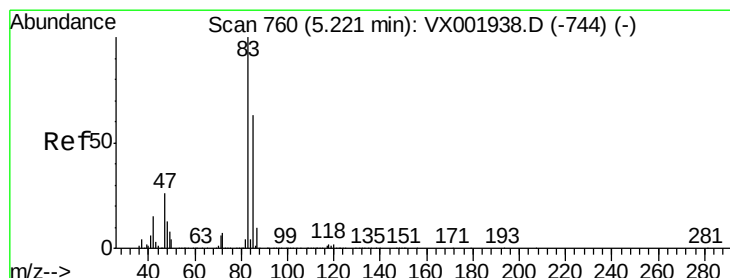
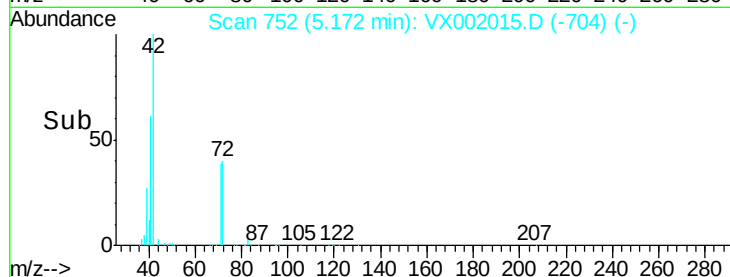
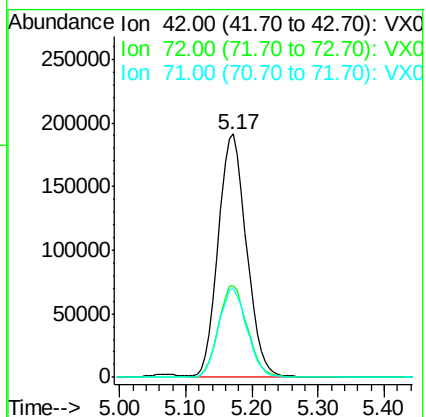
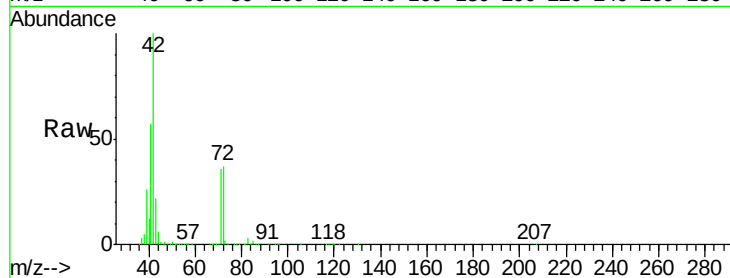
Tot Ion: 42 Resp: 566410

Ion Ratio Lower Upper

42 100

72 38.7 31.4 47.0

71 36.6 29.5 44.3



#30

Chloroform

Concen: 45.16 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002015.D

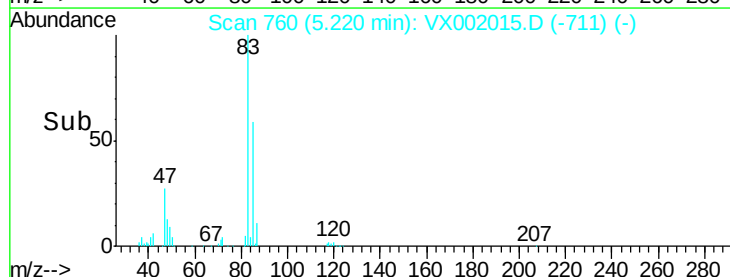
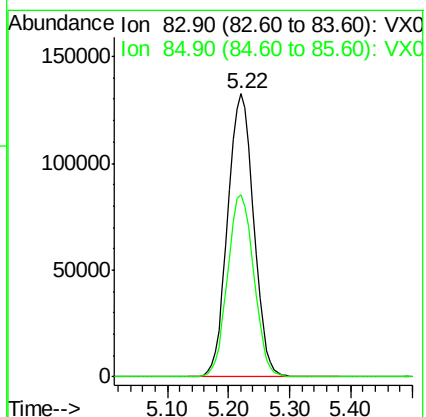
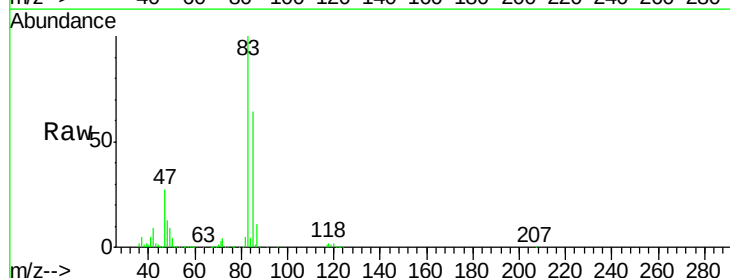
Acq: 26 May 2018 12:58

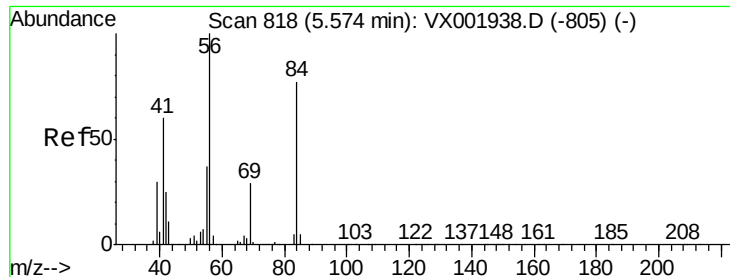
Tgt Ion: 83 Resp: 388615

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

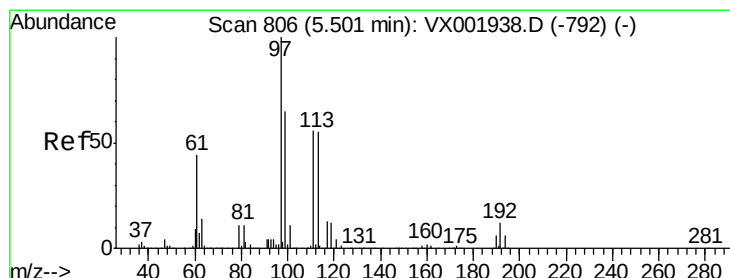
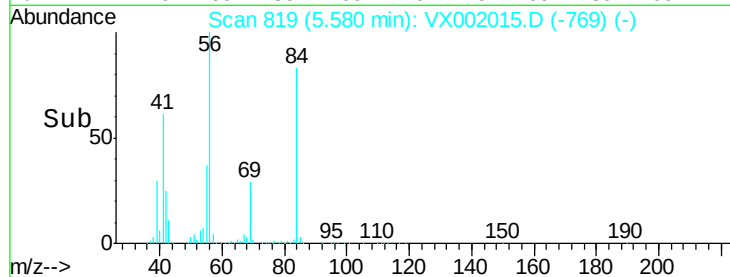
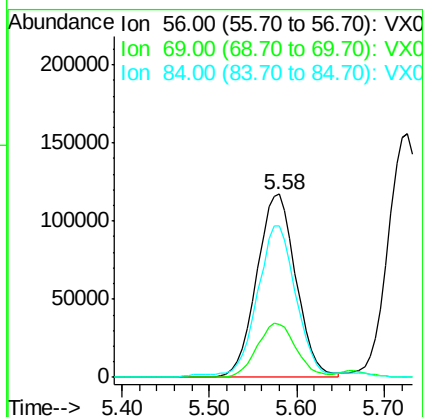
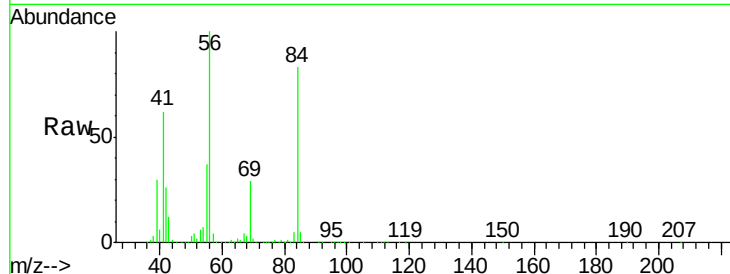




#31
Cyclohexane
Concen: 45.87 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

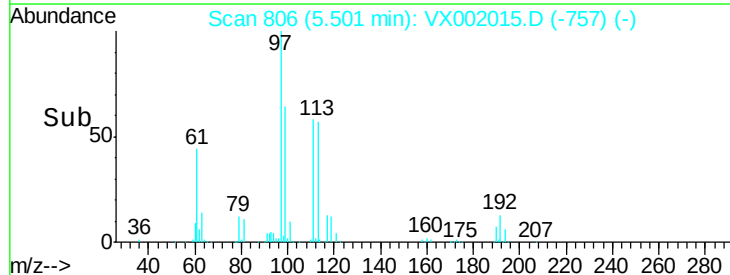
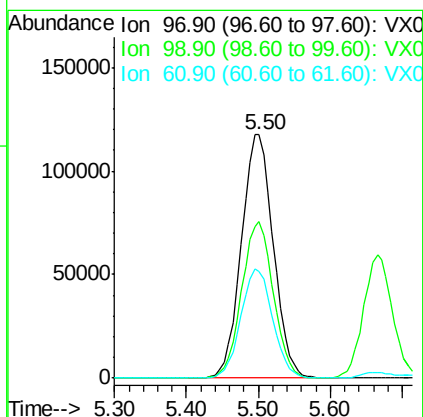
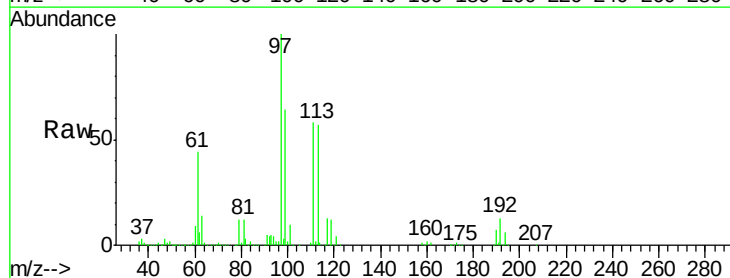
Instrument :
MSVOA_X
ClientSampleId :

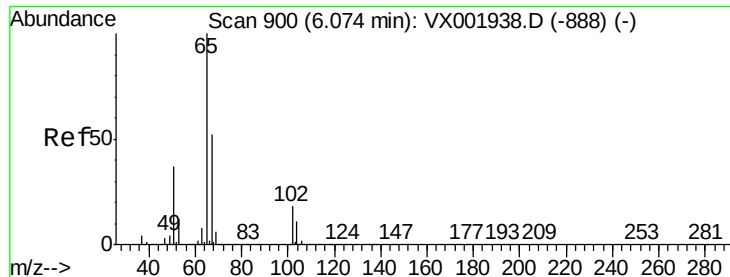
Tot Ion: 56 Resp: 365003
Ion Ratio Lower Upper
56 100
69 28.7 23.1 34.7
84 81.7 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 45.12 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Tgt Ion: 97 Resp: 361948
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 45.0 35.9 53.9

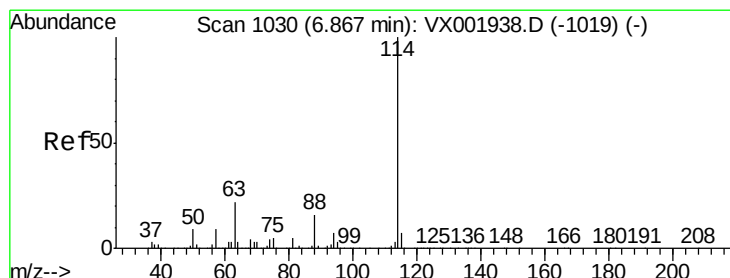
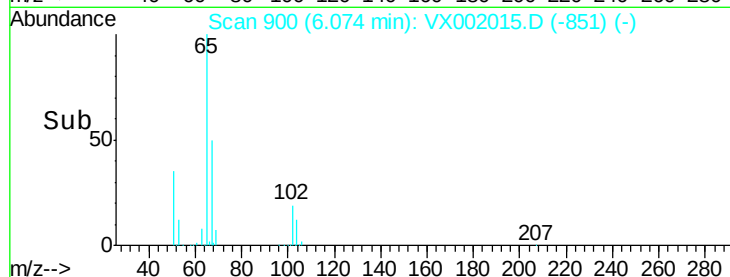
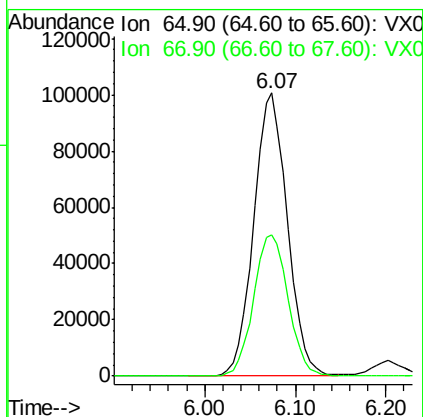
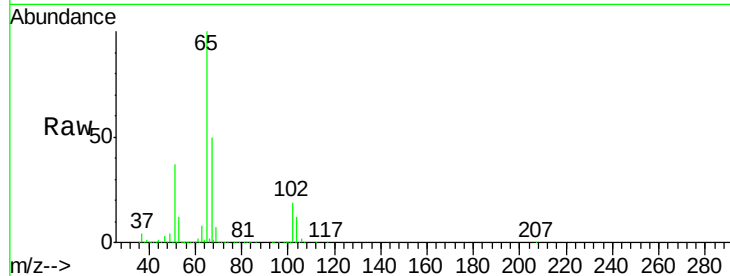




#33
 1,2-Dichloroethane-d4
 Concen: 44.66 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

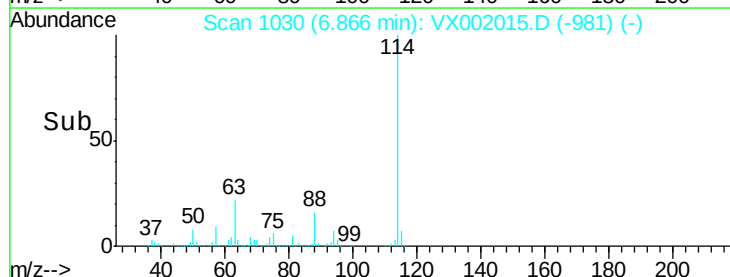
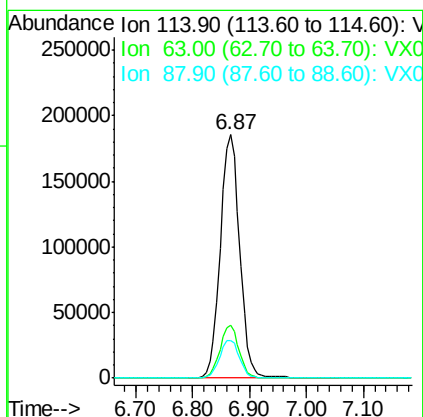
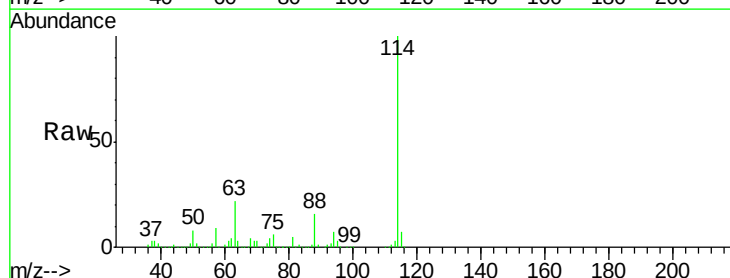
Instrument :
 MSVOA_X
 ClientSampleId :

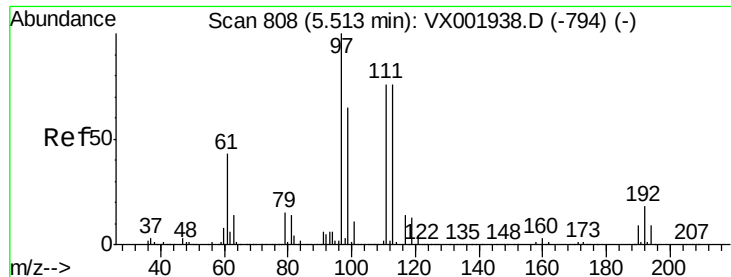
Tot Ion: 65 Resp: 257925
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

Tgt Ion: 114 Resp: 439266
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.6 0.0 31.6

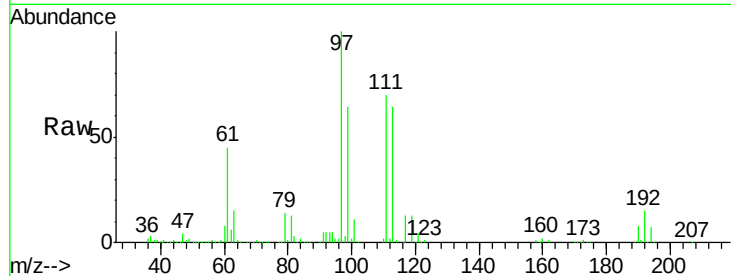




#35
 Dibromofluoromethane
 Concen: 45.61 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	23.7	18.9	28.3

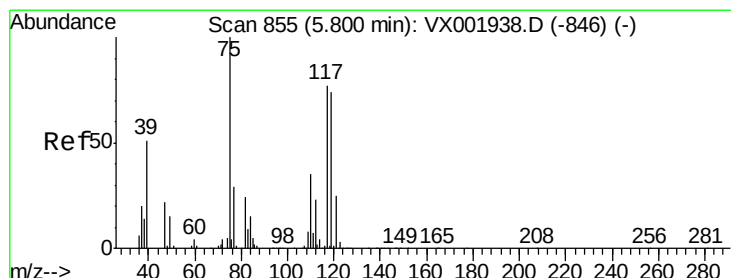
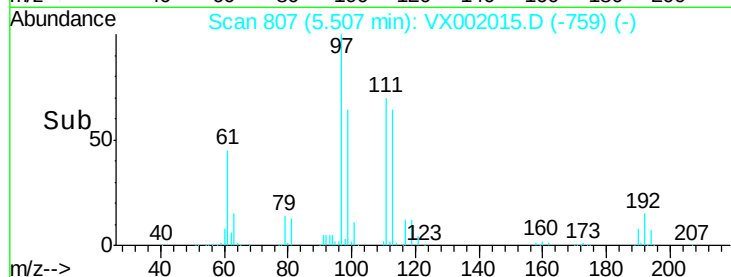
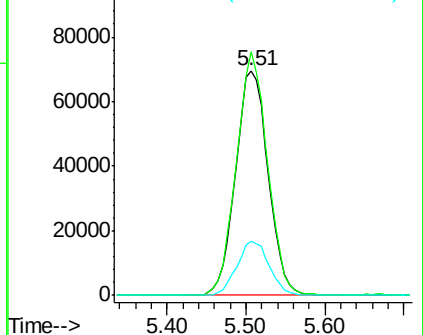


Abundance

Ion 112.80 (112.50 to 113.50): V

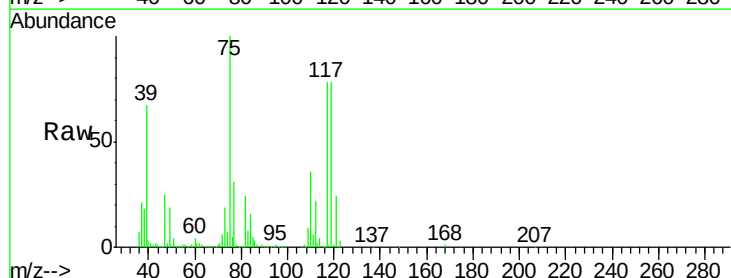
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.73 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.4	52.2
77	30.5	24.4	36.6

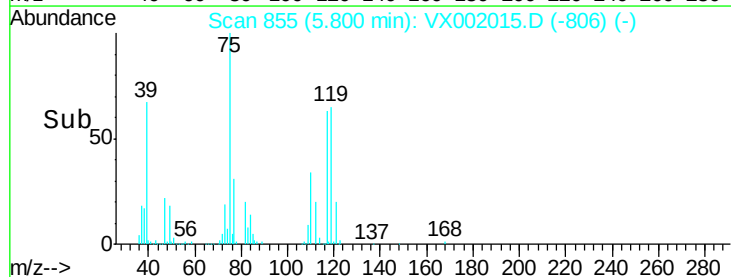
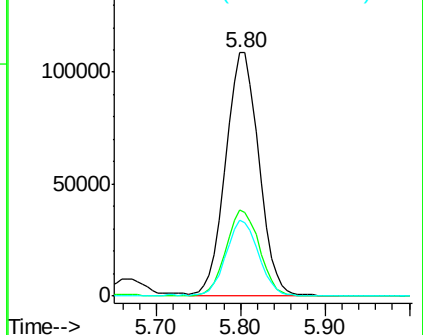


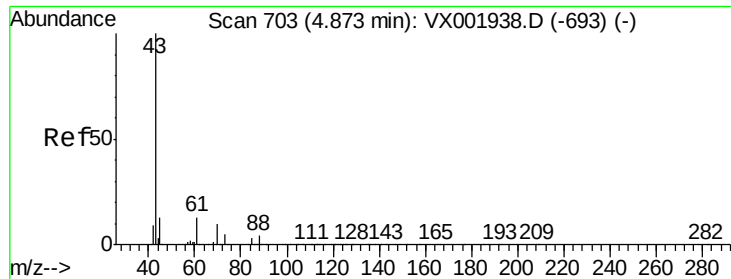
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

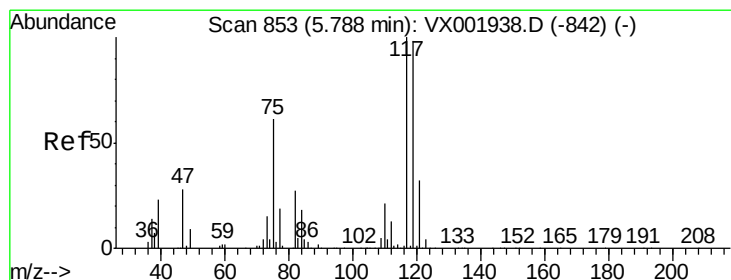
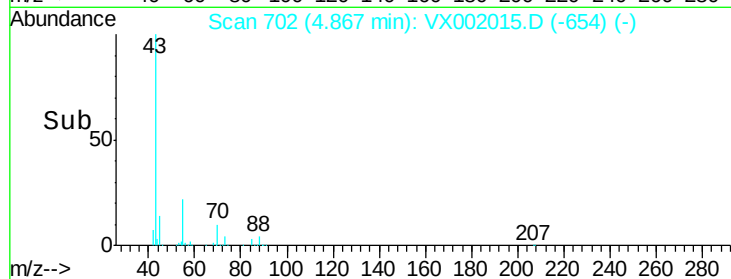
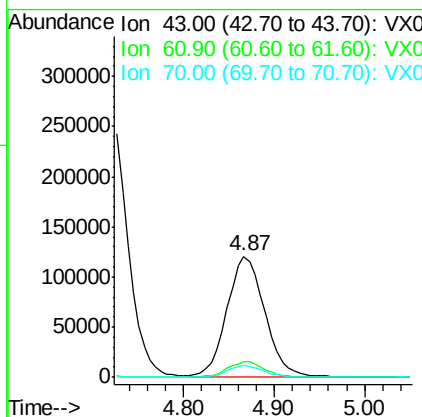
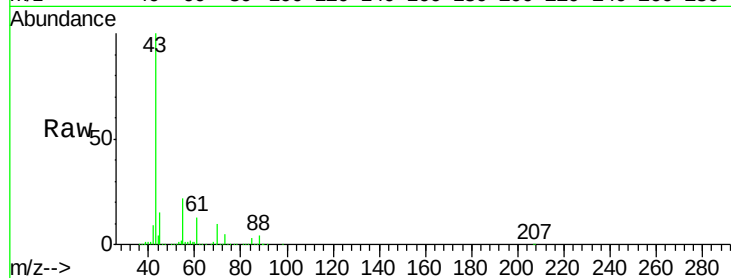




#37
Ethyl Acetate
Concen: 43.25 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

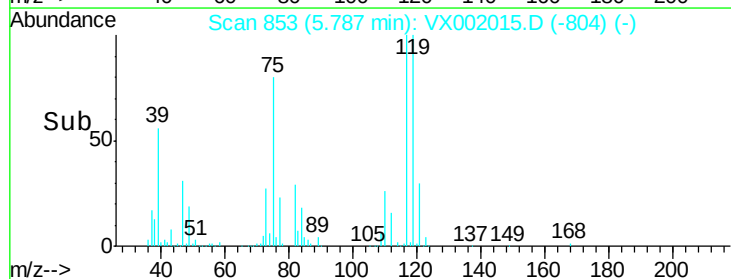
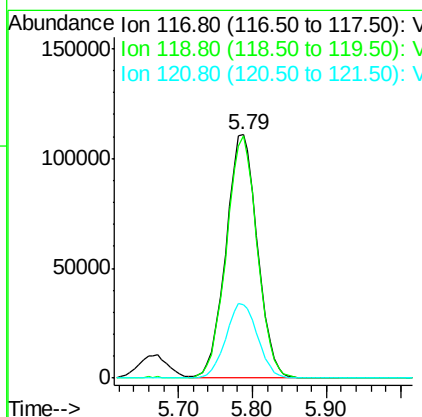
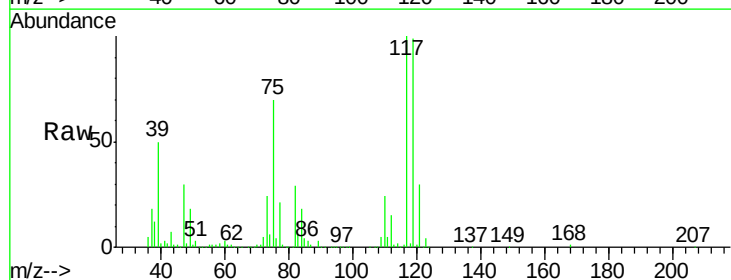
Instrument :
MSVOA_X
ClientSampleId :

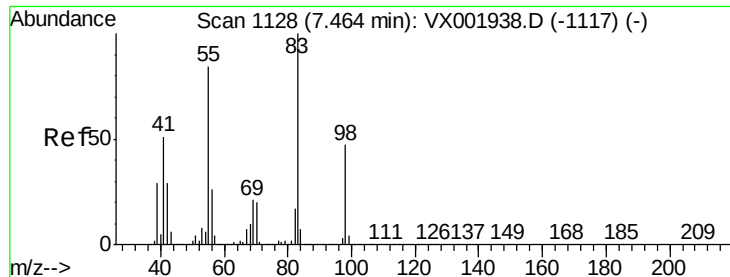
Tot Ion	43	Resp	344487
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.2	15.2
70	9.4	7.8	11.8



#38
Carbon Tetrachloride
Concen: 45.92 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Tgt Ion	117	Resp	327149
Ion	Ratio	Lower	Upper
117	100		
119	99.3	78.5	117.7
121	30.2	25.5	38.3

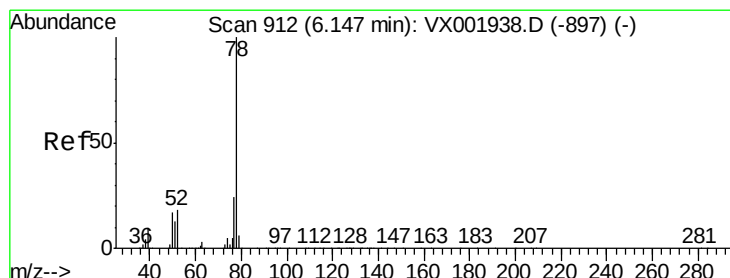
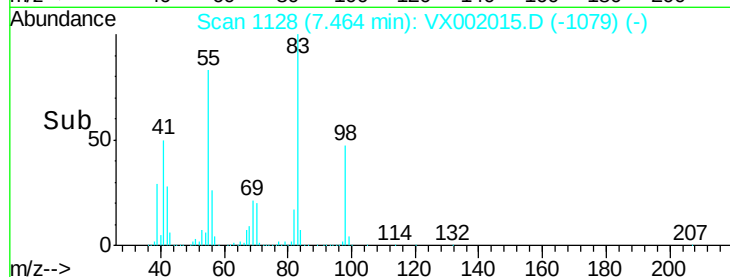
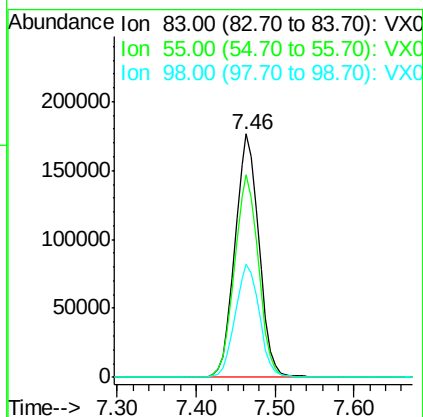
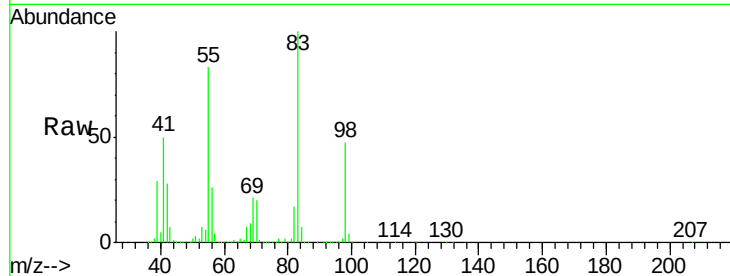




#39
Methylvlcyclohexane
Concen: 49.80 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

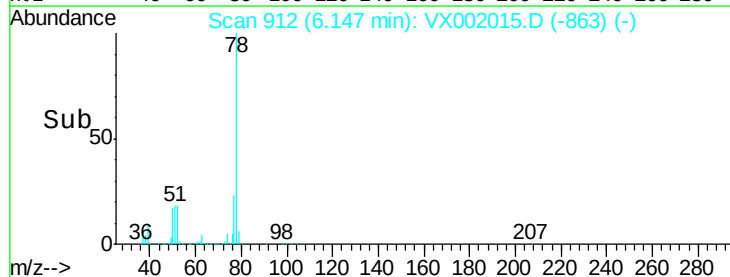
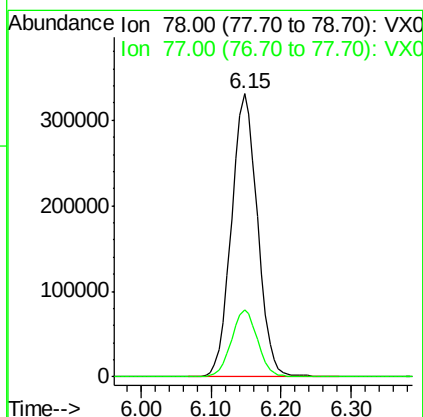
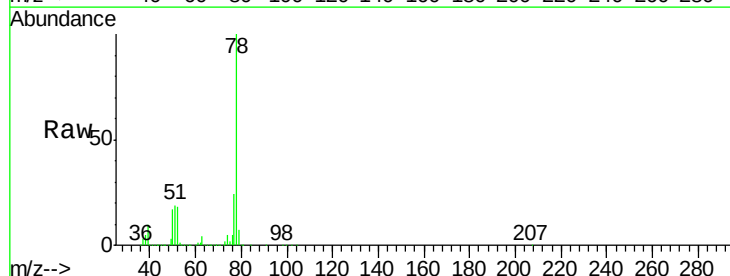
Instrument :
MSVOA_X
ClientSampled :

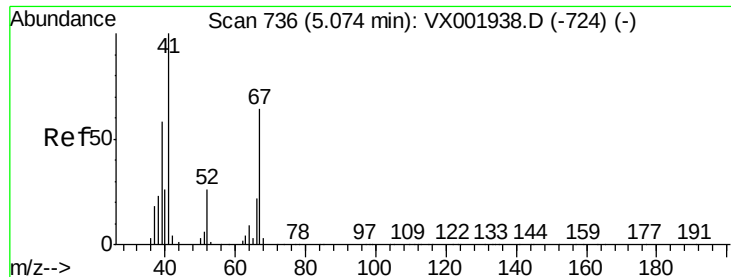
Tot Ion	83.00	Resp	373821
Ion	Ratio	Lower	Upper
83	100		
55	83.2	67.3	100.9
98	46.6	37.5	56.3



#40
Benzene
Concen: 47.84 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Tgt Ion	78	Resp	856305
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7

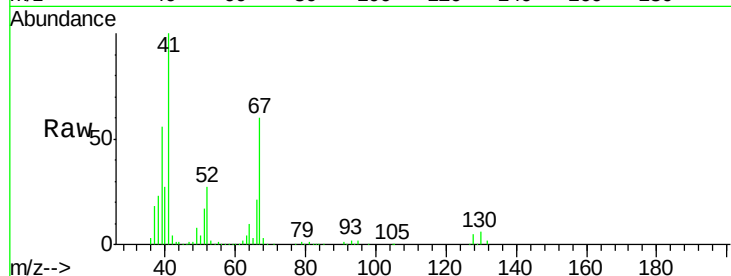




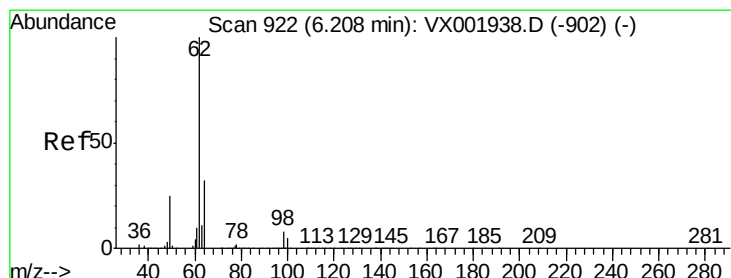
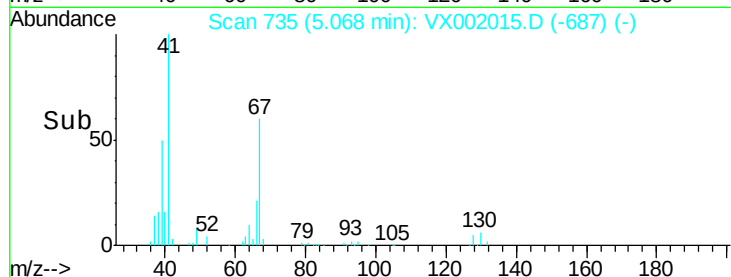
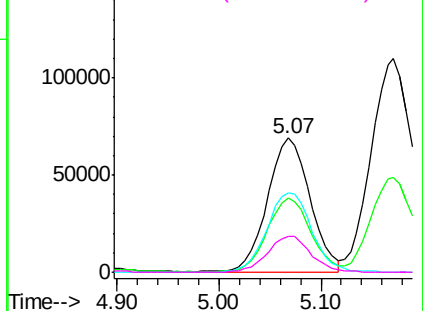
#41
Methacrylonitrile
Concen: 47.20 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	198735
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.0	69.0
67	62.4	50.6	75.8
52	27.2	21.9	32.9

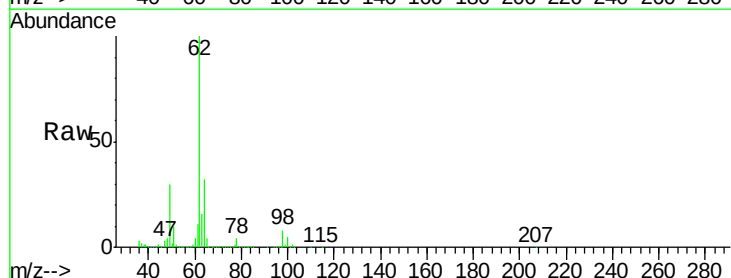


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

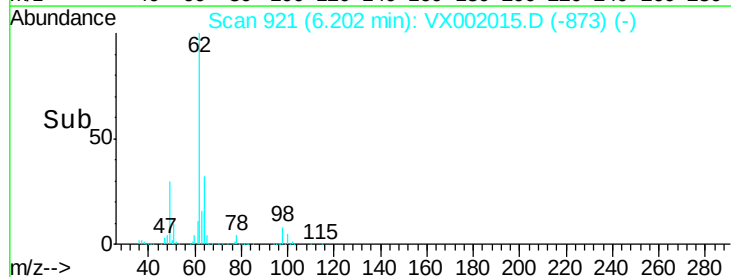
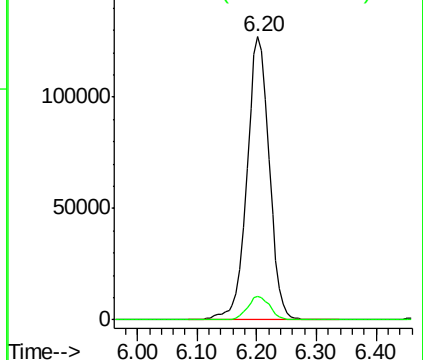


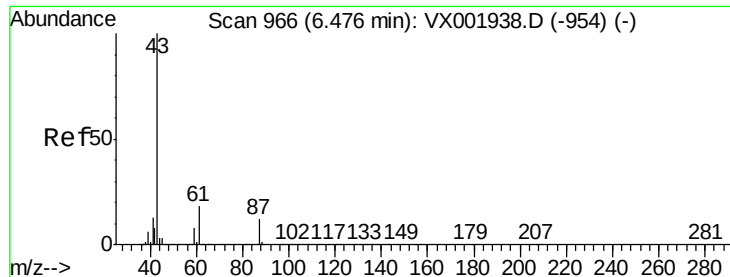
#42
1,2-Dichloroethane
Concen: 46.22 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Tgt Ion:	62	Resp:	330467
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 46.01 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

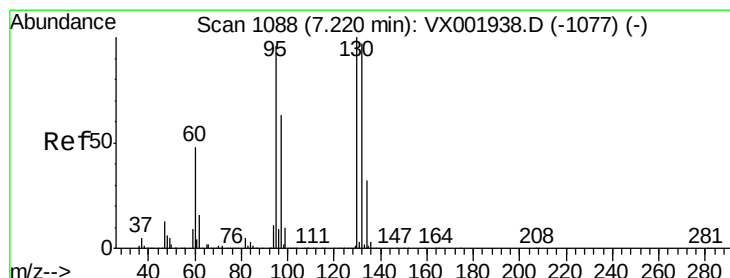
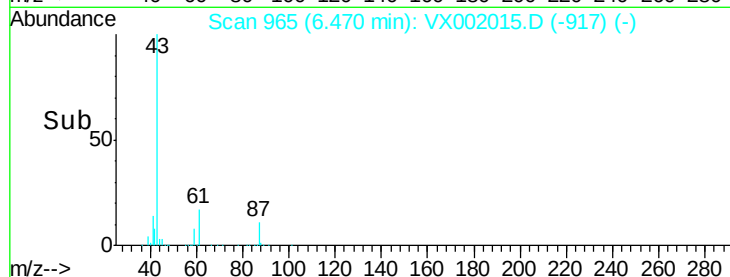
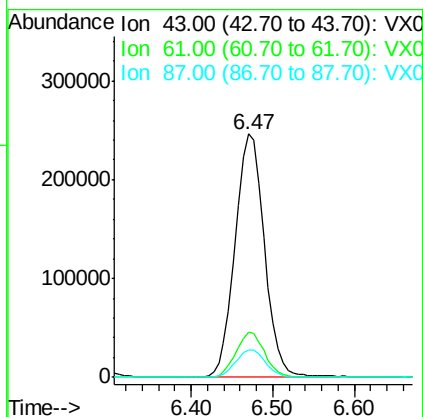
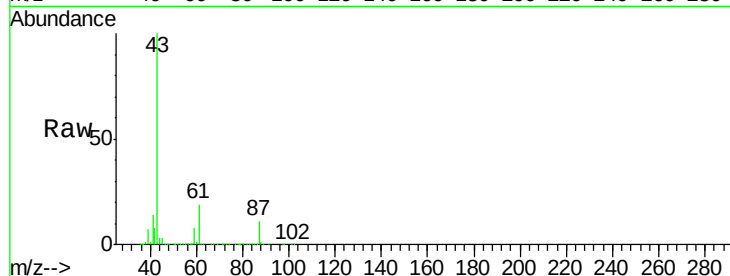
Tot Ion: 43 Resp: 610710

Ion Ratio Lower Upper

43 100

61 18.2 14.5 21.7

87 11.5 9.5 14.3



#44

Trichloroethene

Concen: 47.85 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002015.D

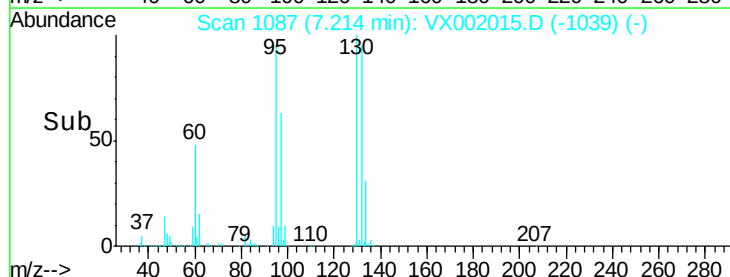
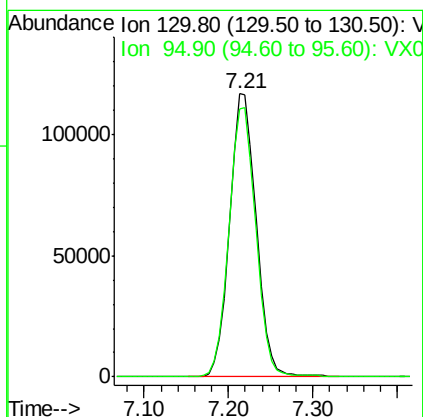
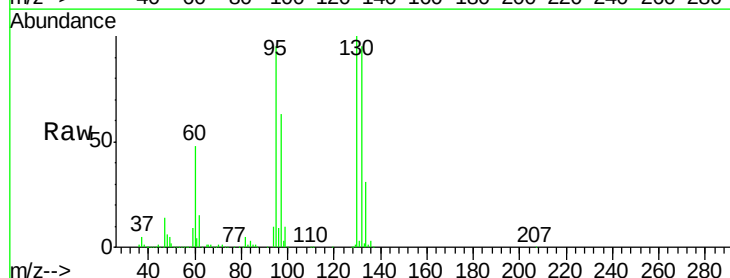
Acq: 26 May 2018 12:58

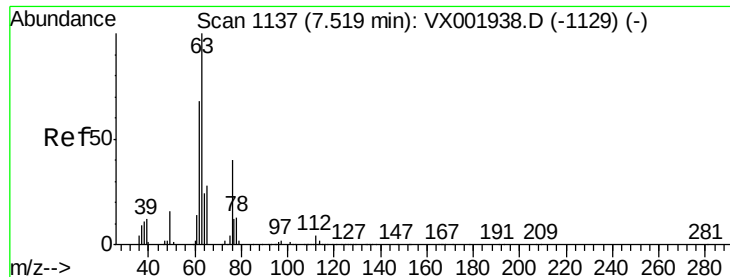
Tgt Ion: 130 Resp: 249617

Ion Ratio Lower Upper

130 100

95 94.8 0.0 192.0

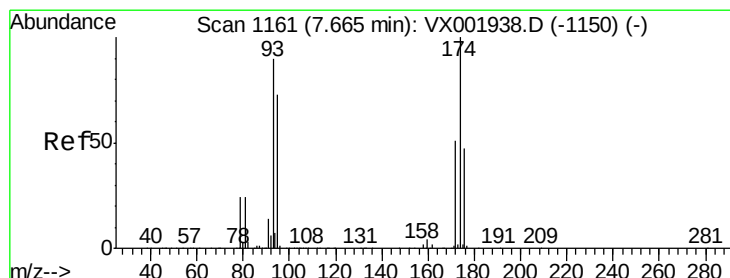
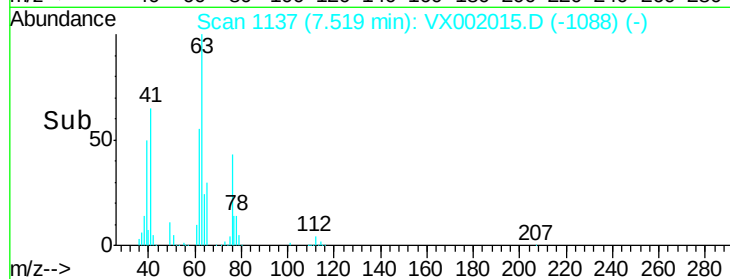
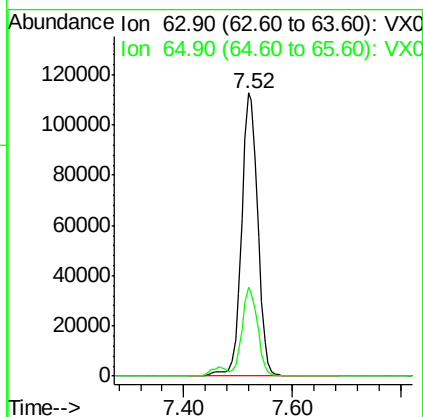
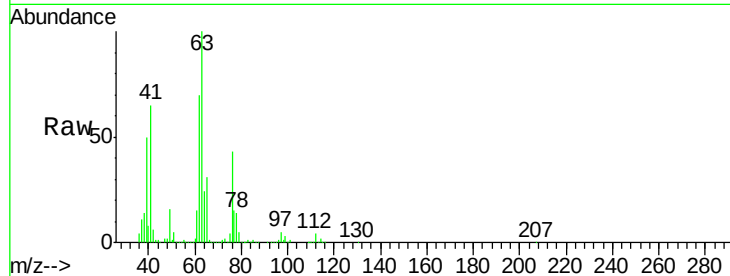




#45
 1,2-Dichloropropane
 Concen: 48.26 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

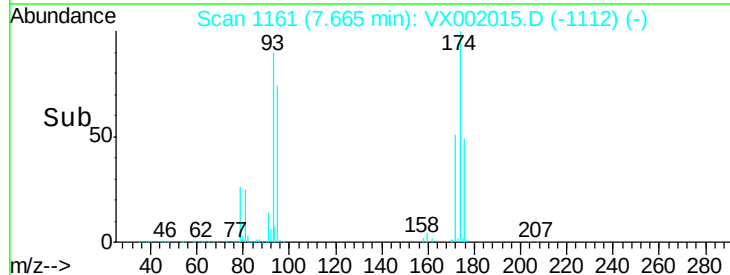
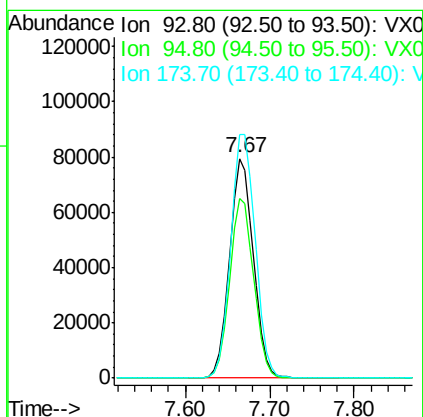
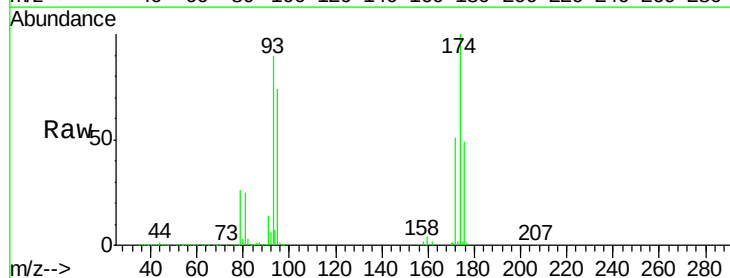
Instrument :
 MSVOA_X
 ClientSampleId :

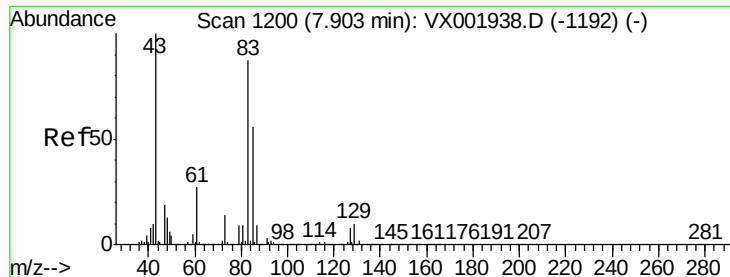
Tot Ion: 63 Resp: 234592
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.1 36.1



#46
 Dibromomethane
 Concen: 47.37 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

Tgt Ion: 93 Resp: 152460
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.1 99.1
 174 113.8 92.5 138.7





#47

Bromodichloromethane

Concen: 45.27 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :

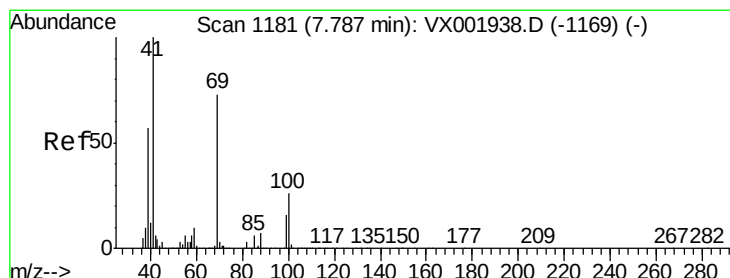
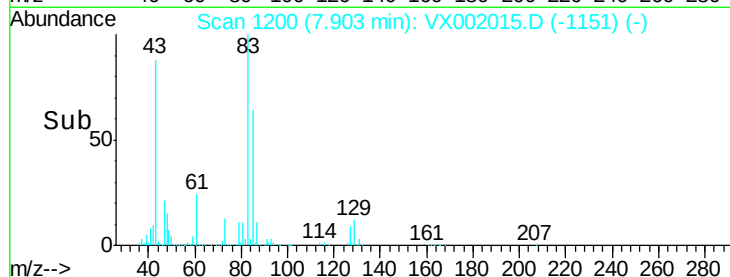
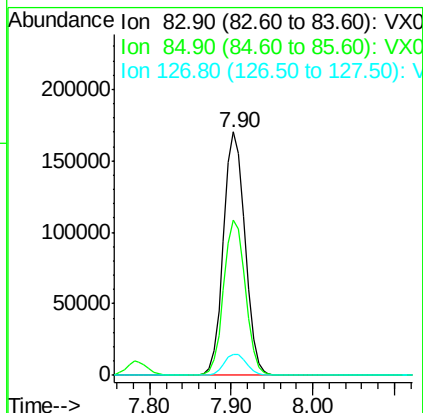
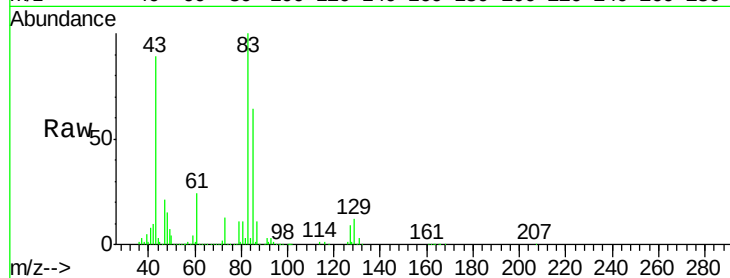
Tot Ion: 83 Resp: 310672

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.2

127 8.8 7.1 10.7



#48

Methyl methacrylate

Concen: 45.64 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

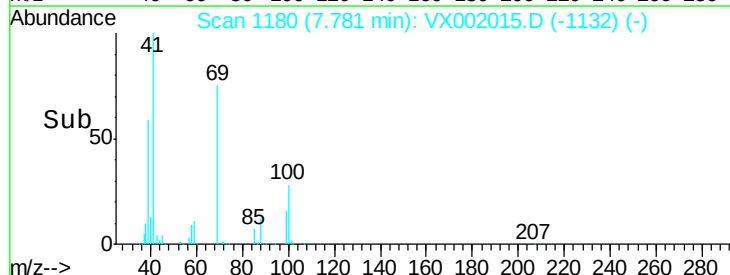
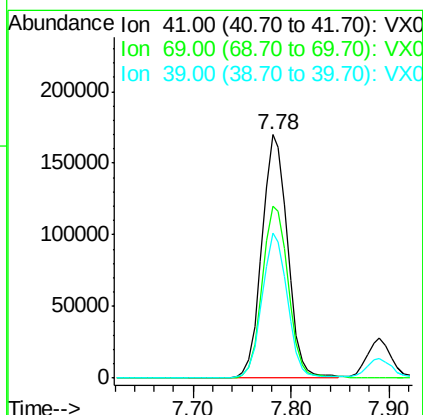
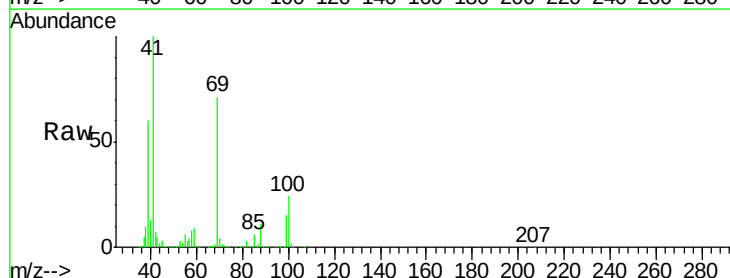
Tgt Ion: 41 Resp: 308338

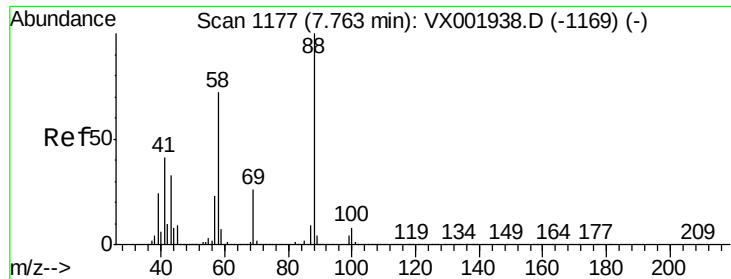
Ion Ratio Lower Upper

41 100

69 72.0 58.6 87.8

39 59.1 46.3 69.5





#49

1,4-Dioxane

Concen: 900.21 ug/l

RT: 7.76 min Scan# 1177

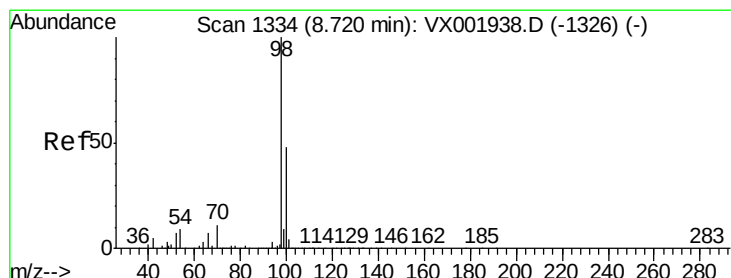
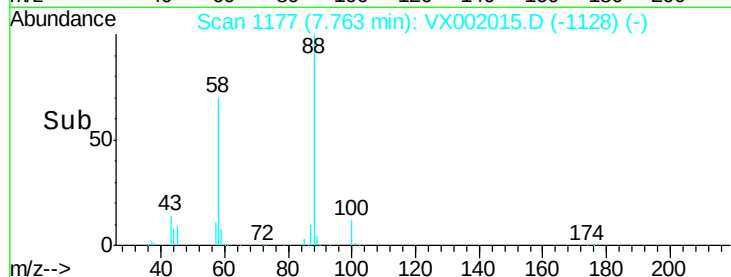
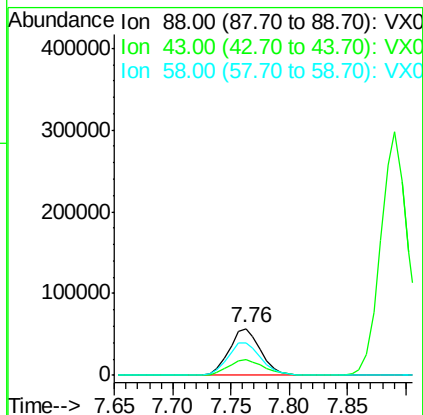
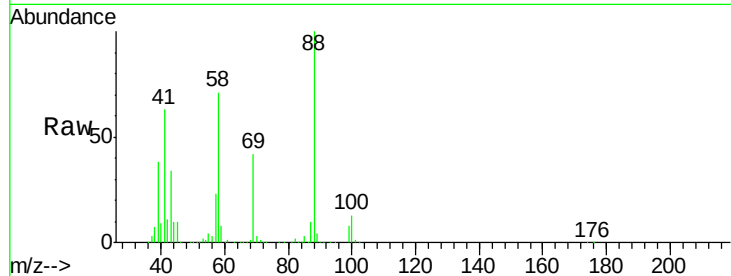
Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	88	Resp:	107160
Ion	Ratio	Lower	Upper
88	100		
43	38.0	29.8	44.8
58	73.9	58.7	88.1



#50

Toluene-d8

Concen: 48.17 ug/l

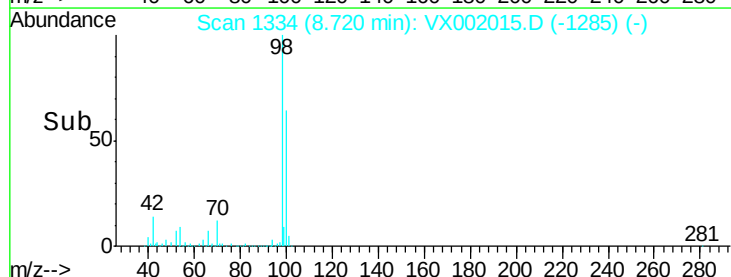
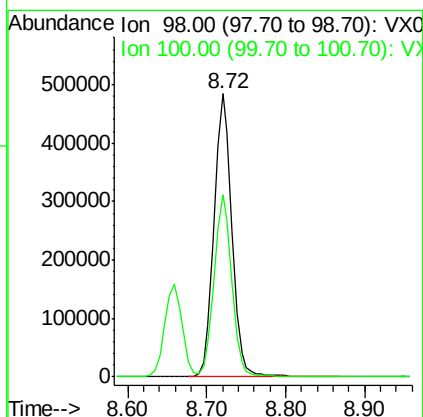
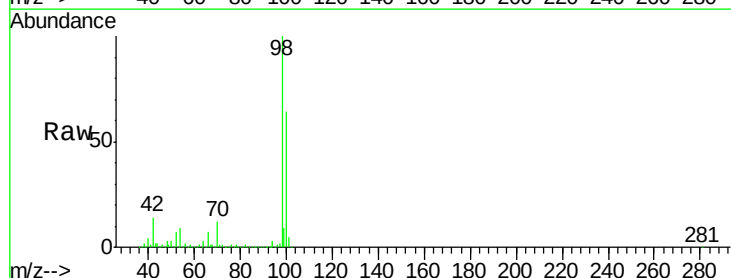
RT: 8.72 min Scan# 1334

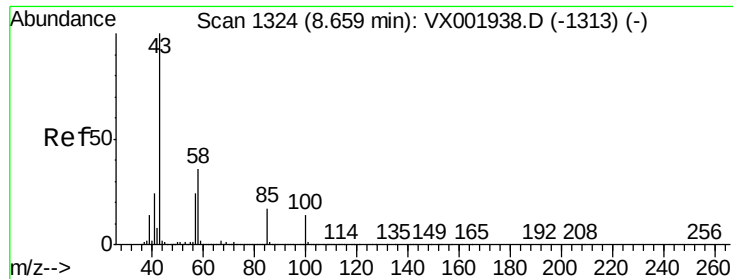
Delta R.T. 0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Tgt Ion:	98	Resp:	766114
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3

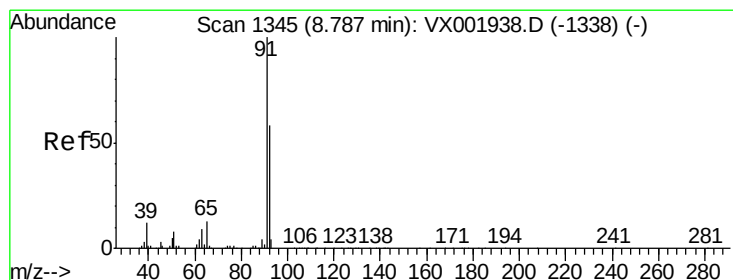
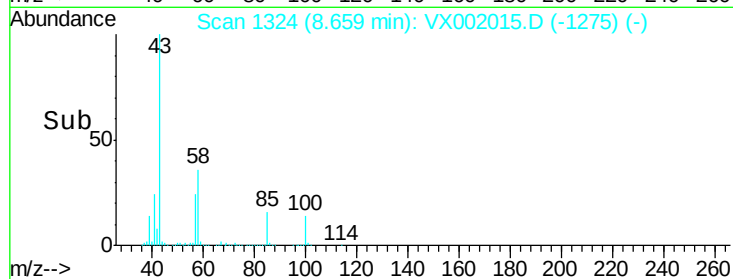
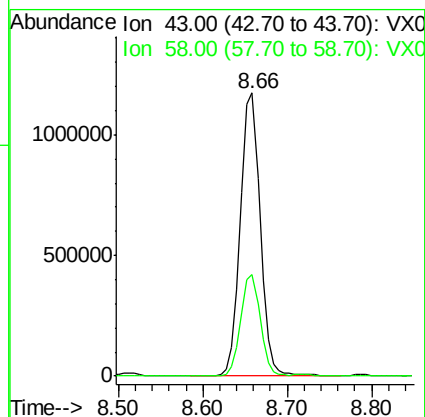
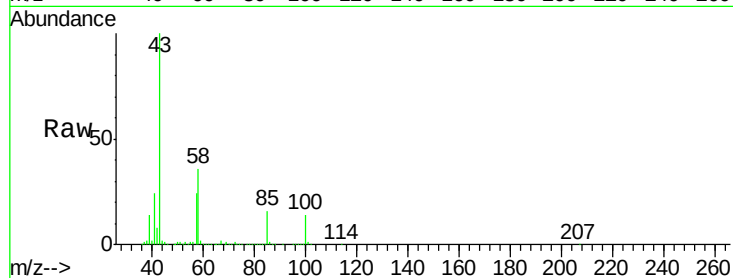




#51
 4-Methyl-2-Pentanone
 Concen: 231.93 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

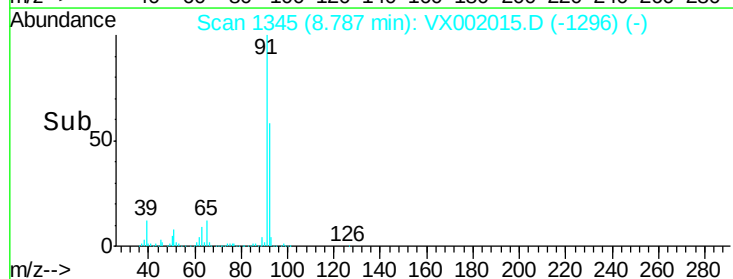
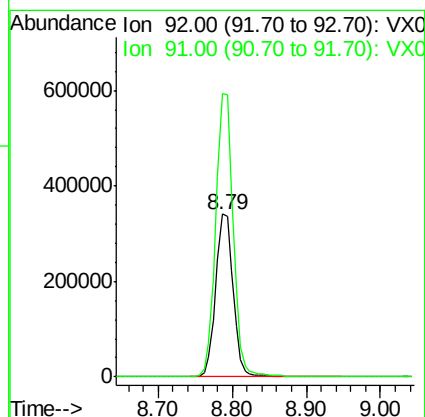
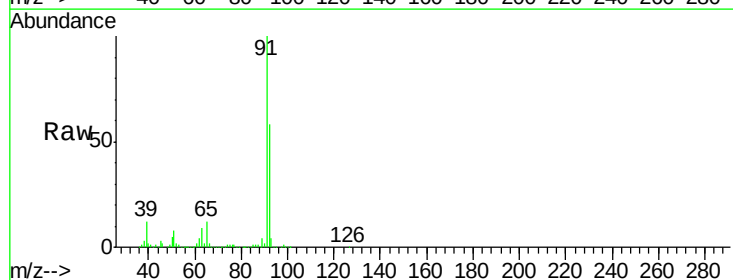
Instrument :
 MSVOA_X
 ClientSampleId :

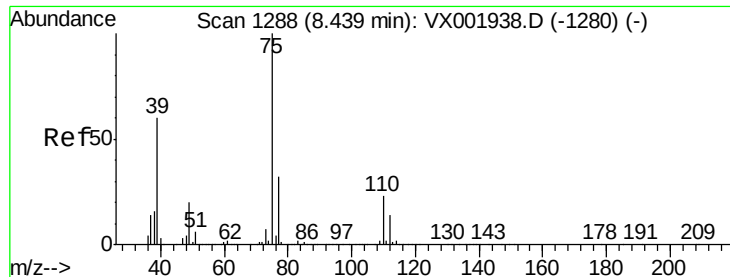
Tot Ion: 43 Resp: 1855684
 Ion Ratio Lower Upper
 43 100
 58 35.3 28.5 42.7



#52
 Toluene
 Concen: 48.36 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

Tgt Ion: 92 Resp: 550867
 Ion Ratio Lower Upper
 92 100
 91 173.5 139.4 209.2

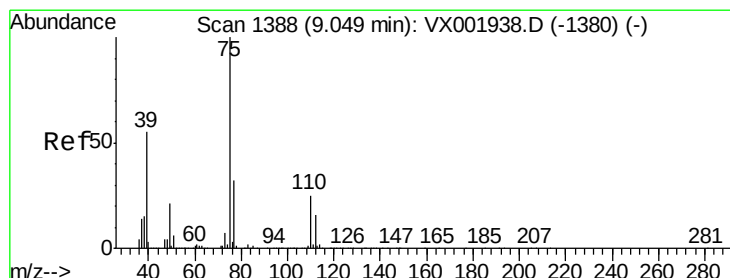
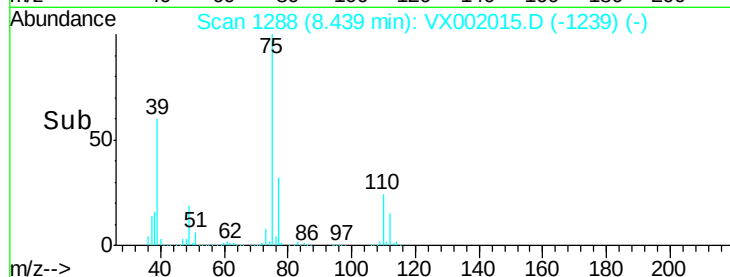
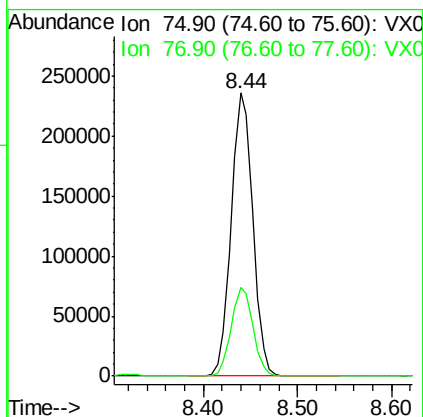
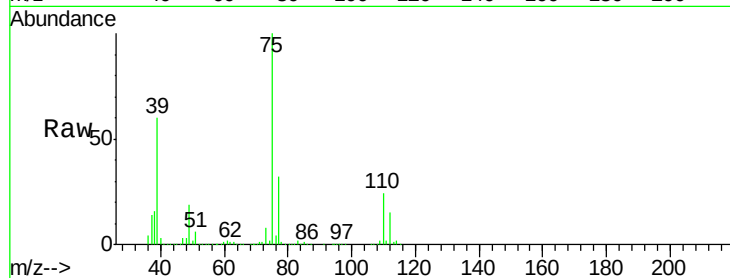




#53
t-1,3-Dichloropropene
Concen: 47.44 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

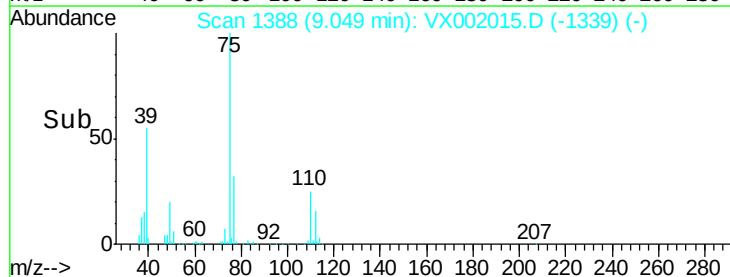
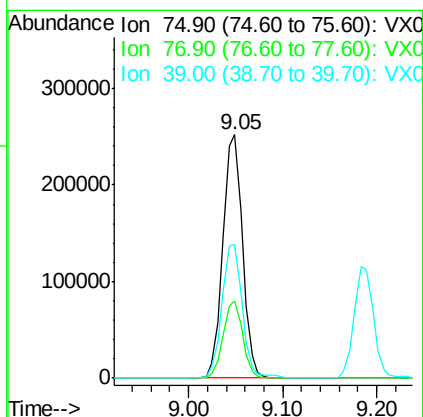
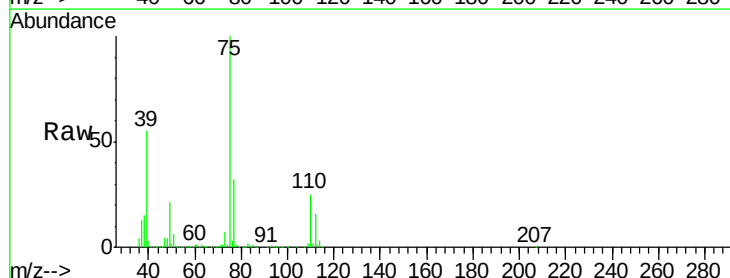
Instrument :
MSVOA_X
ClientSampleId :

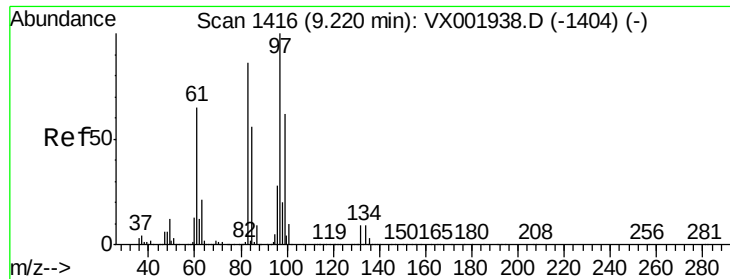
Tot Ion: 75 Resp: 374961
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 47.32 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Tgt Ion: 75 Resp: 364463
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 55.0 44.1 66.1

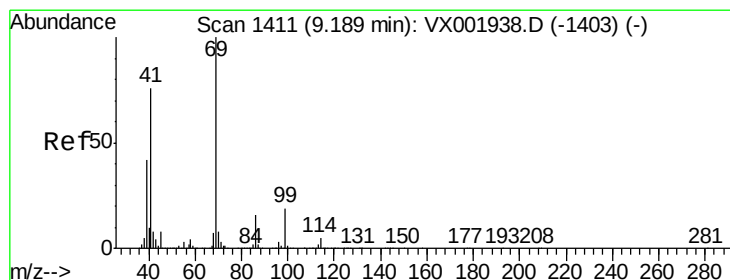
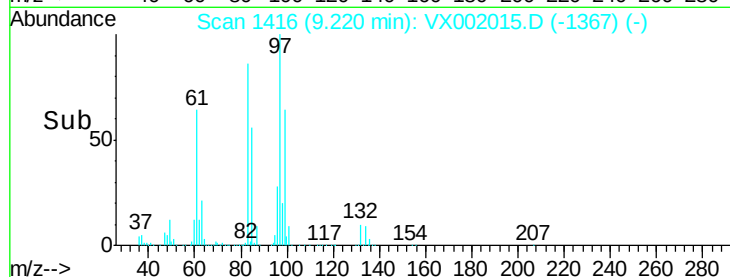
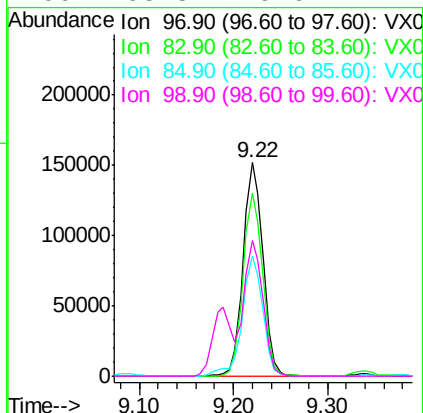
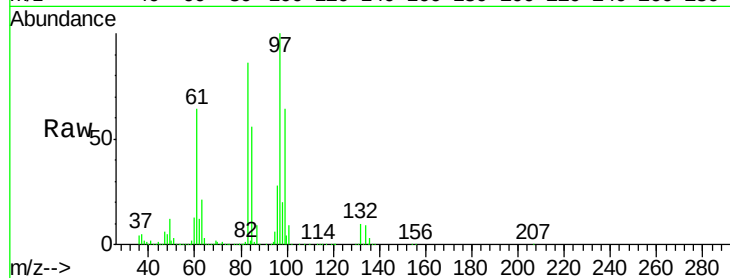




#55
 1,1,2-Trichloroethane
 Concen: 46.65 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

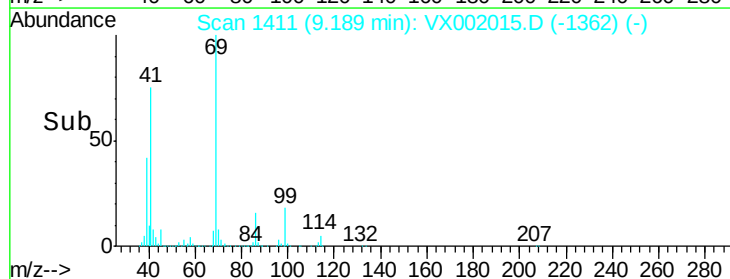
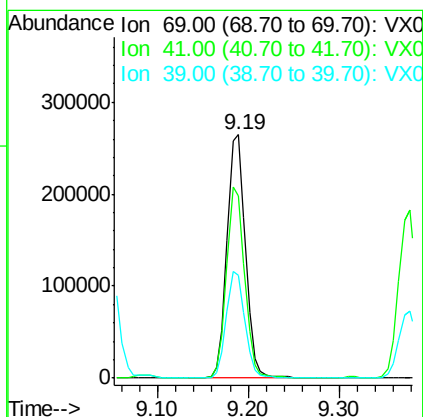
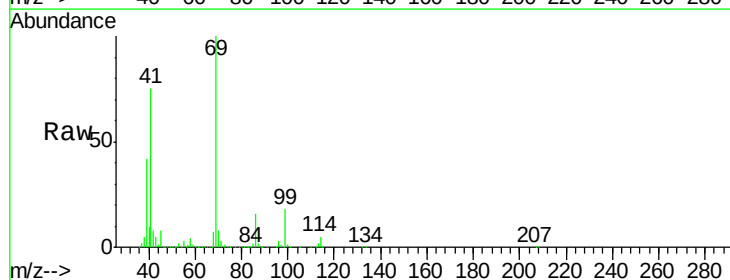
Instrument :
 MSVOA_X
 ClientSampleId :

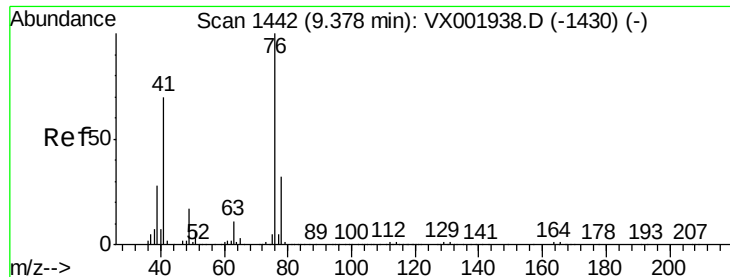
Tot Ion:	97	Resp:	222027
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.1	103.7
85	56.1	45.2	67.8
99	63.8	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 45.81 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

Tgt Ion:	69	Resp:	374976
Ion	Ratio	Lower	Upper
69	100		
41	77.4	61.0	91.6
39	43.9	34.4	51.6





#57

1,3-Dichloropropane

Concen: 47.46 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

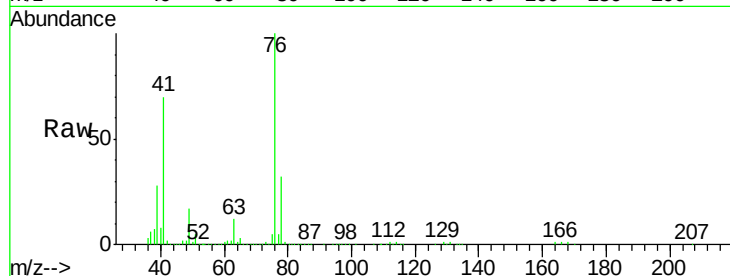
ClientSampleId :

Tot Ion: 76 Resp: 372076

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

250000

200000

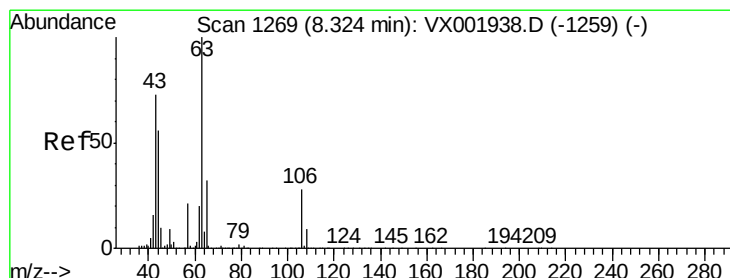
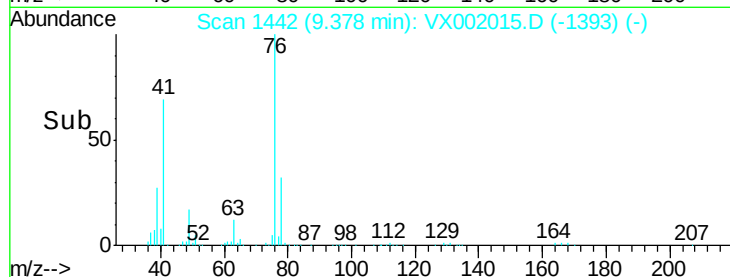
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.67 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002015.D

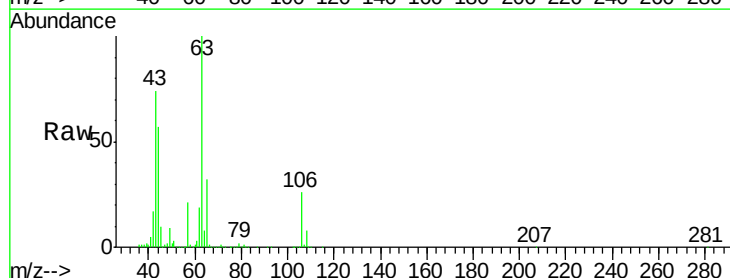
Acq: 26 May 2018 12:58

Tgt Ion: 63 Resp: 873184

Ion Ratio Lower Upper

63 100

106 26.8 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

600000

500000

400000

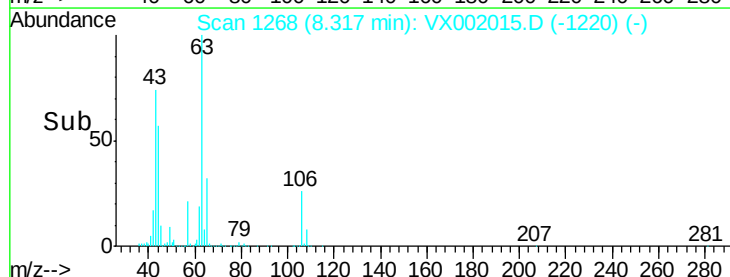
300000

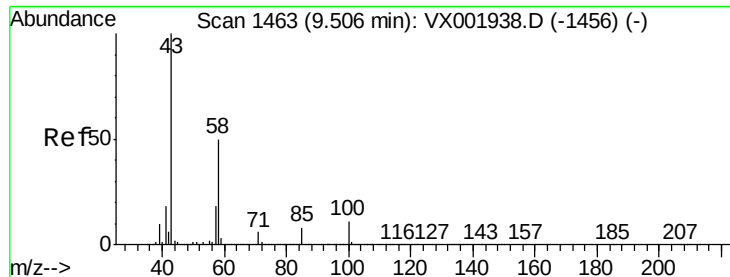
200000

100000

0

Time-->

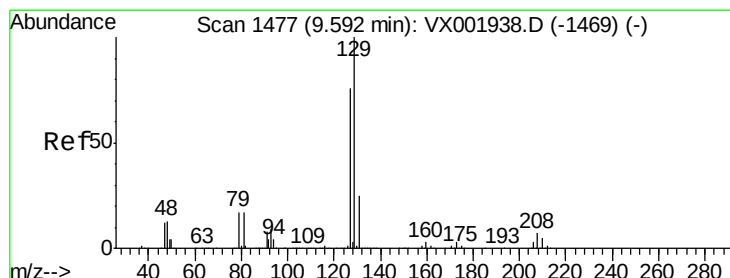
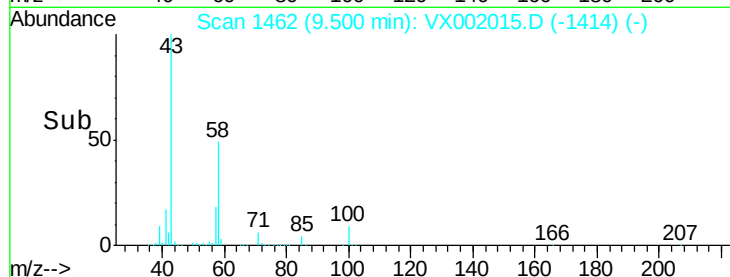
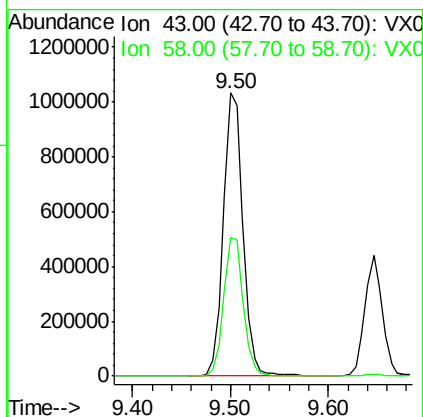
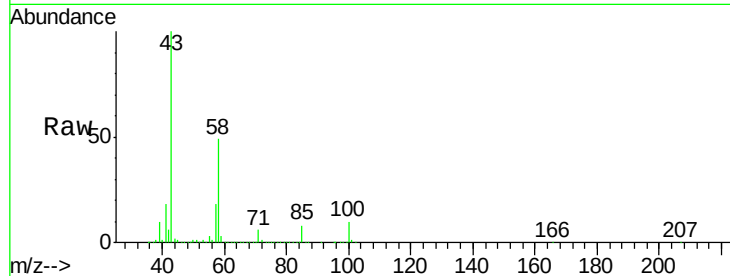




#59
2-Hexanone
Concen: 231.99 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

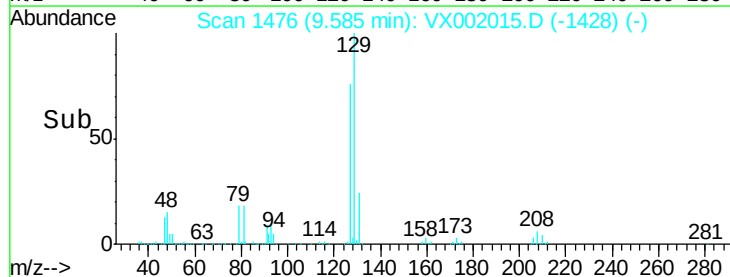
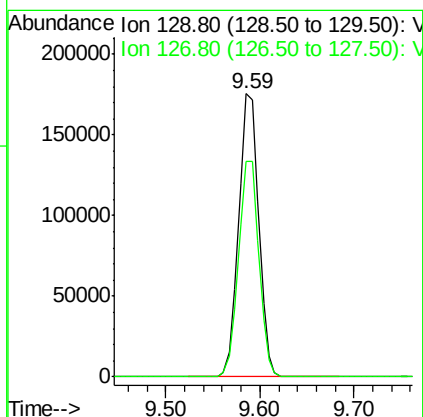
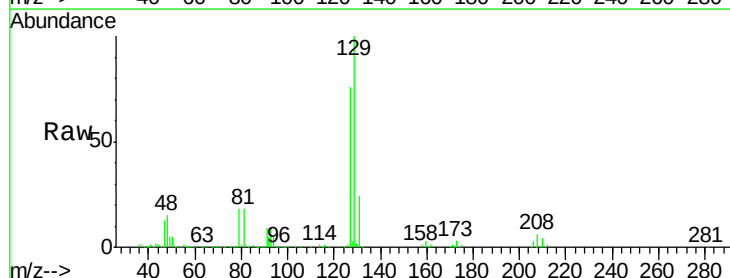
Instrument :
MSVOA_X
ClientSampled :

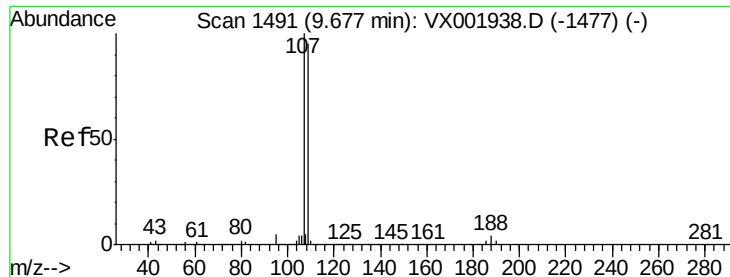
Tot Ion: 43 Resp: 1431201
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6



#60
Dibromochloromethane
Concen: 46.32 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Tgt Ion: 129 Resp: 261094
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 47.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

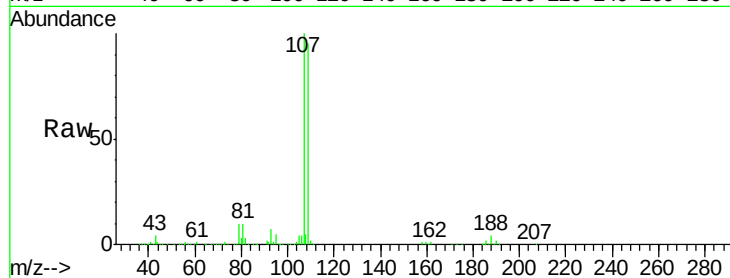
ClientSampleId :

Tot Ion:107 Resp: 237557

Ion Ratio Lower Upper

107 100

109 93.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200000

150000

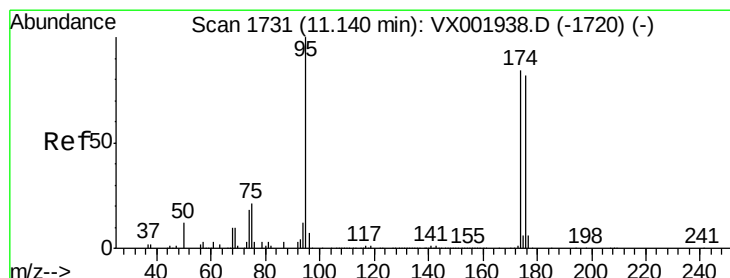
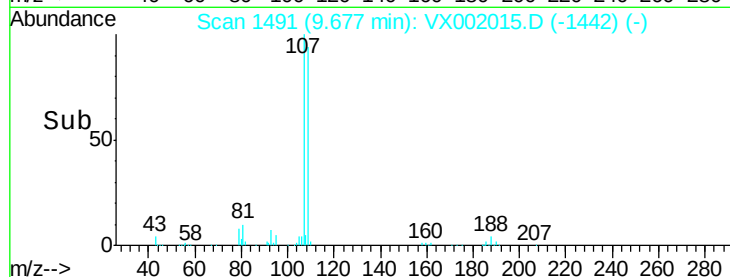
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

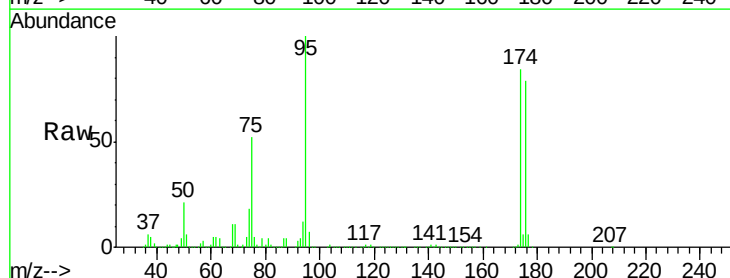
Tgt Ion: 95 Resp: 308203

Ion Ratio Lower Upper

95 100

174 90.6 0.0 178.8

176 87.2 0.0 175.6



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

300000

250000

200000

150000

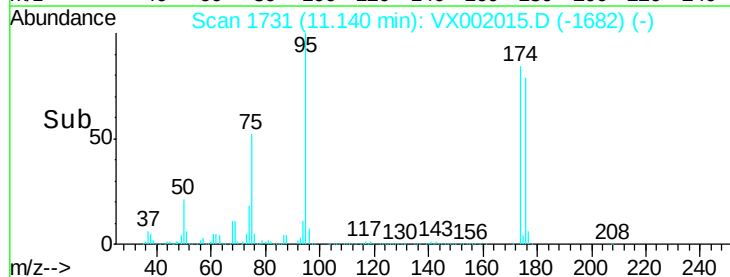
100000

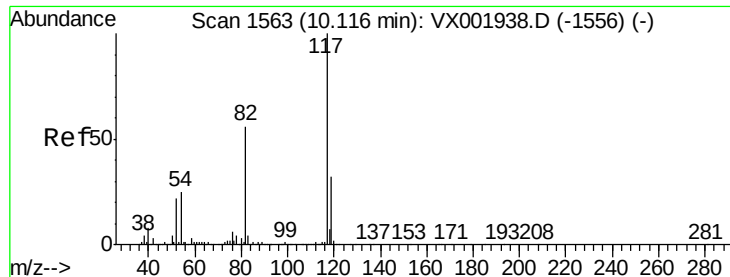
50000

0

11.10 11.20

Time-->

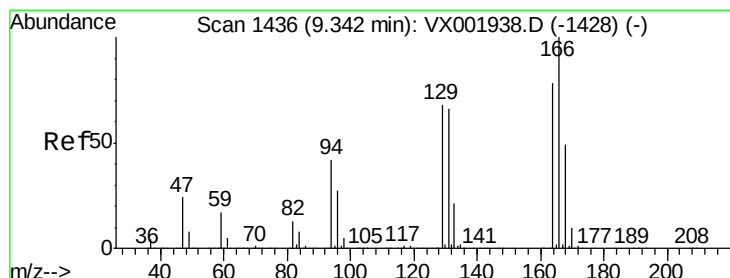
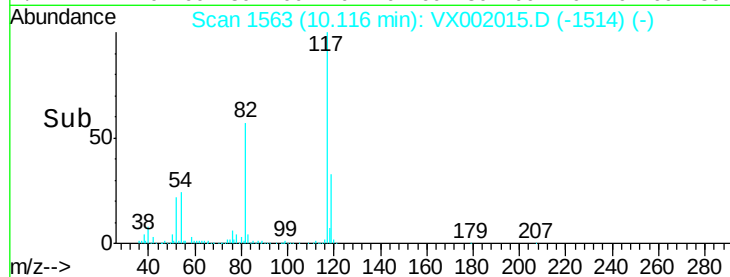
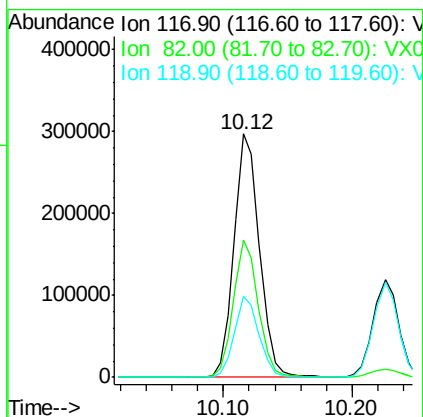
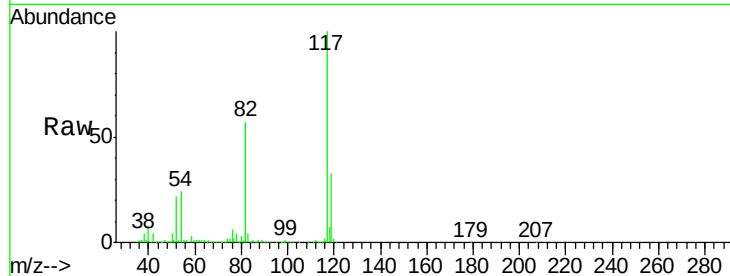




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

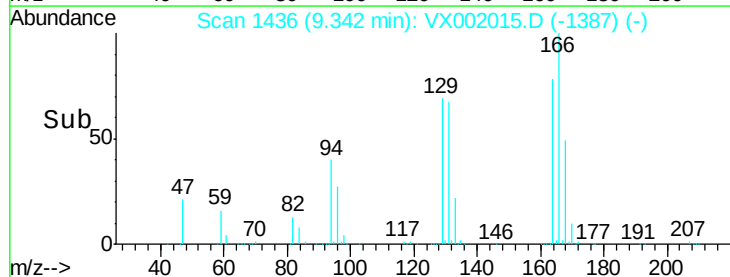
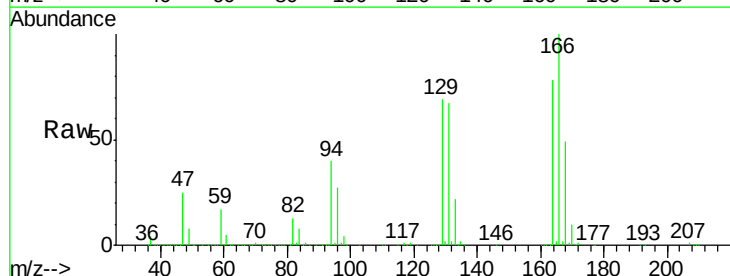
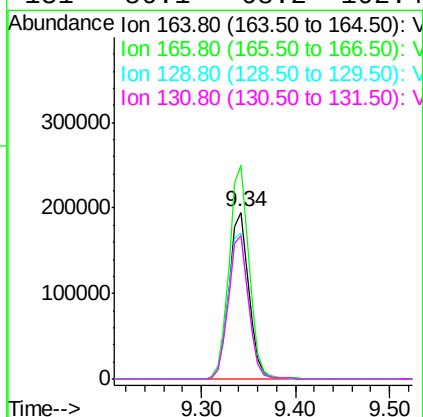
Instrument :
MSVOA_X
ClientSampleId :

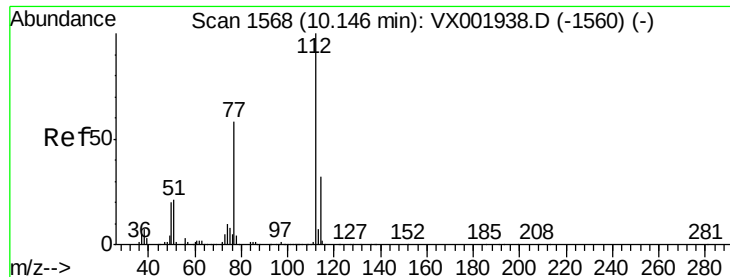
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.8	67.2
119	33.2	25.5	38.3



#64
Tetrachloroethene
Concen: 48.88 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.7	154.1
129	88.0	70.3	105.5
131	86.1	68.2	102.4





#65

Chlorobenzene

Concen: 48.09 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

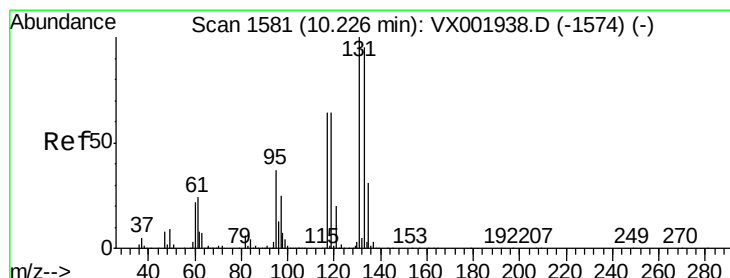
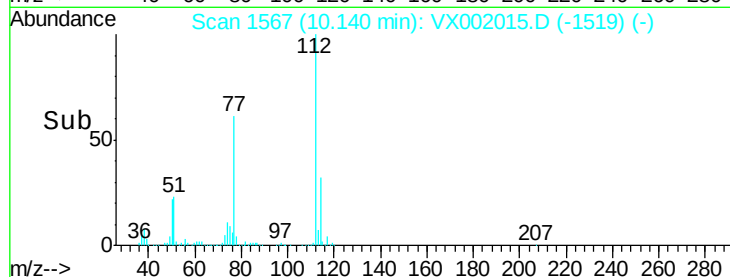
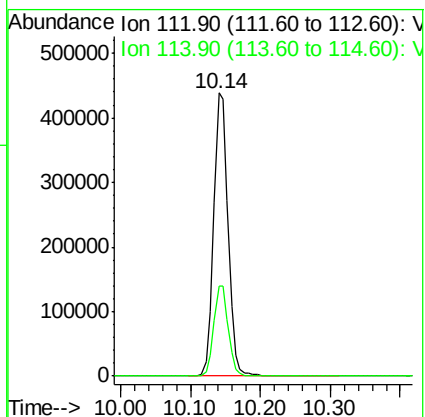
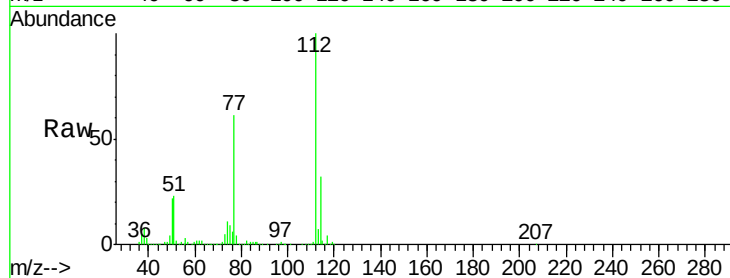
ClientSampleId :

Tot Ion:112 Resp: 624646

Ion Ratio Lower Upper

112 100

114 31.7 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 46.30 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

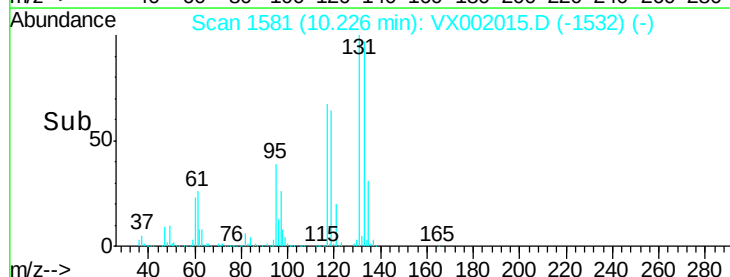
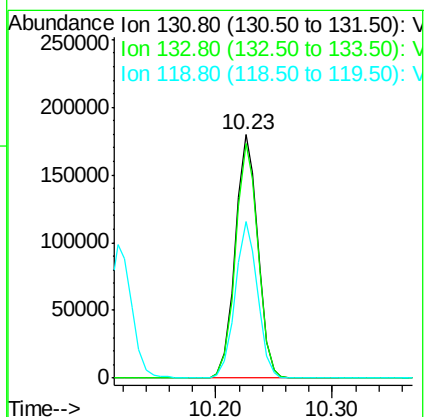
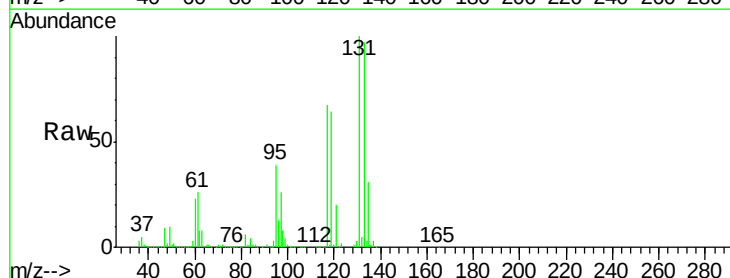
Tgt Ion:131 Resp: 242828

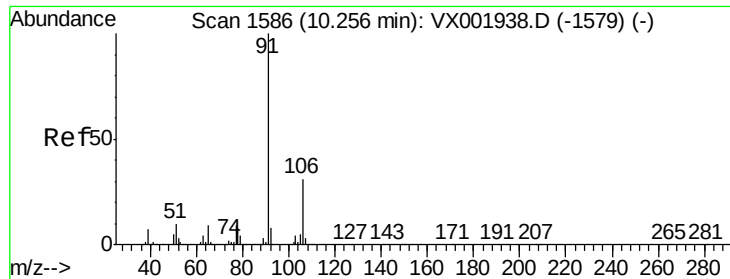
Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

119 63.4 31.9 95.5





#67

Ethyl Benzene

Concen: 49.02 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

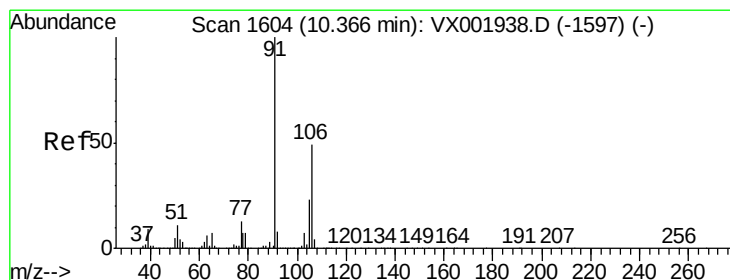
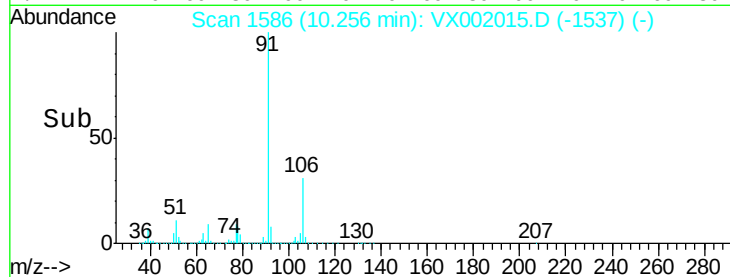
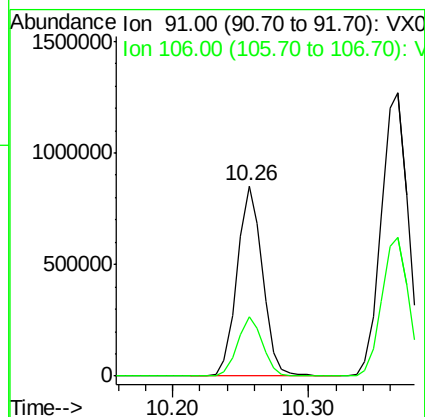
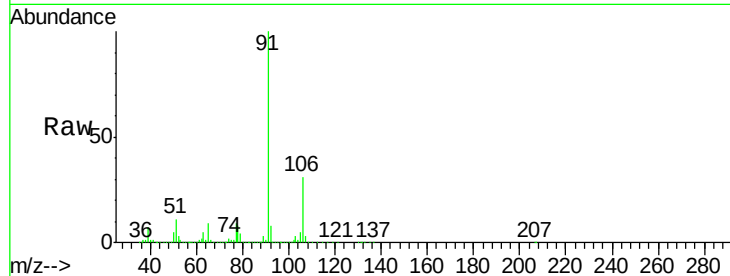
ClientSampled :

Tot Ion: 91 Resp: 1106384

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



#68

m/p-Xylenes

Concen: 98.83 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002015.D

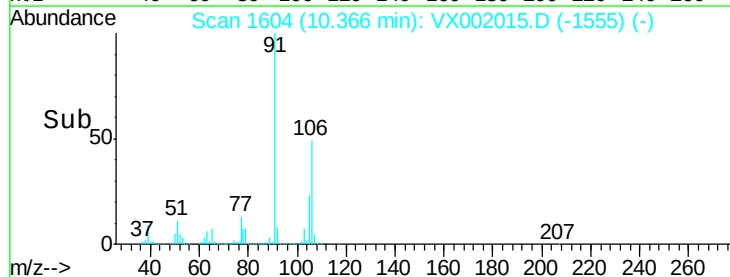
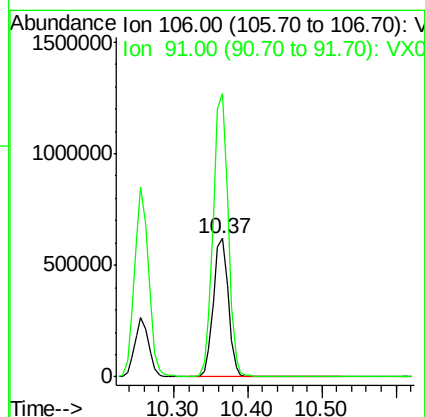
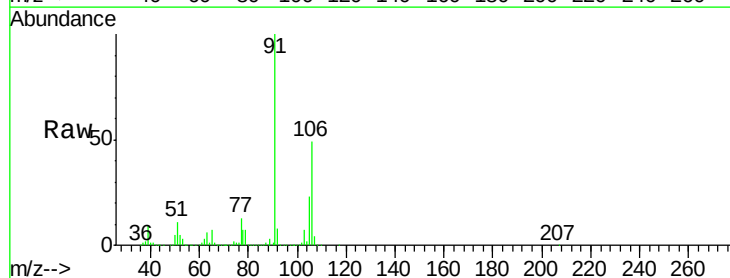
Acq: 26 May 2018 12:58

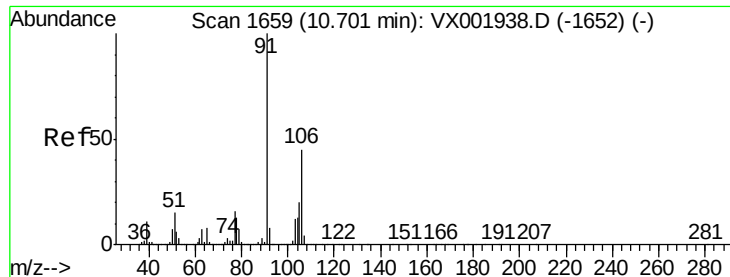
Tgt Ion: 106 Resp: 852565

Ion Ratio Lower Upper

106 100

91 205.4 165.0 247.6

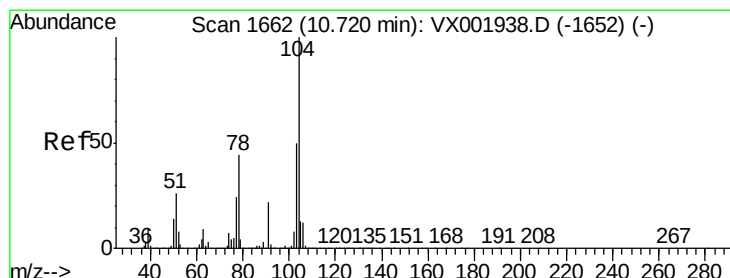
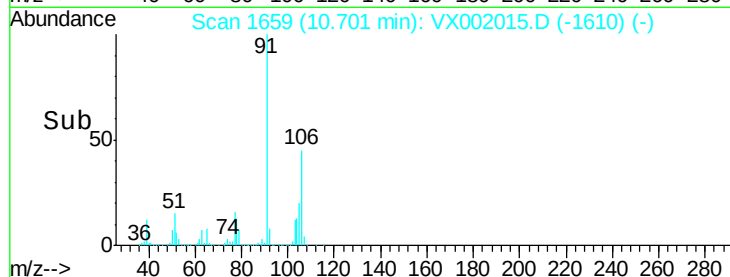
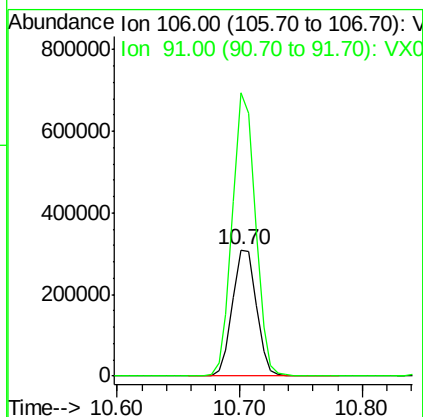
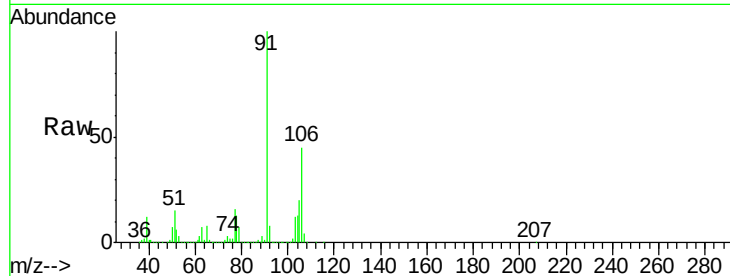




#69
o-Xylene
Concen: 48.45 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

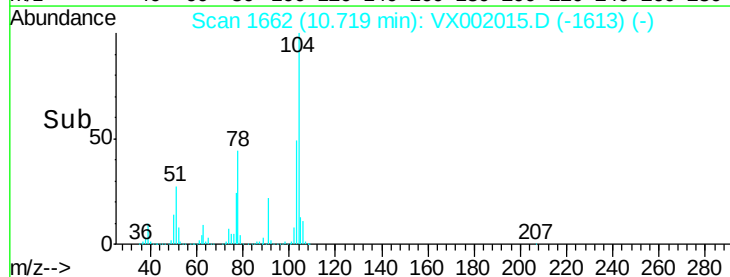
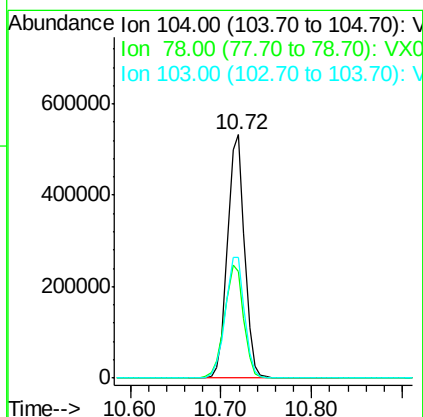
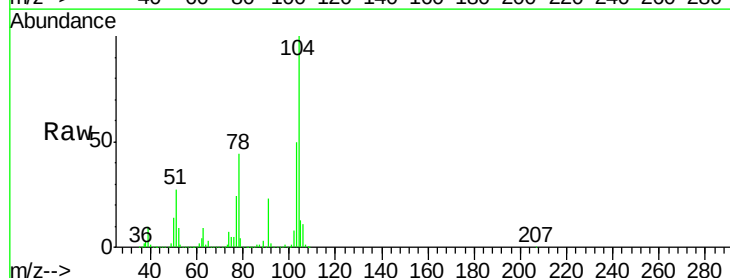
Instrument :
MSVOA_X
ClientSampleId :

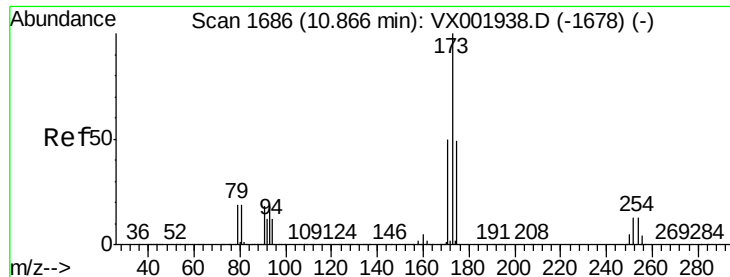
Tot Ion:106 Resp: 417337
Ion Ratio Lower Upper
106 100
91 217.0 108.7 325.9



#70
Styrene
Concen: 48.85 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Tgt Ion:104 Resp: 697874
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 55.8 44.6 67.0





#71

Bromoform

Concen: 44.65 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

ClientSampled :

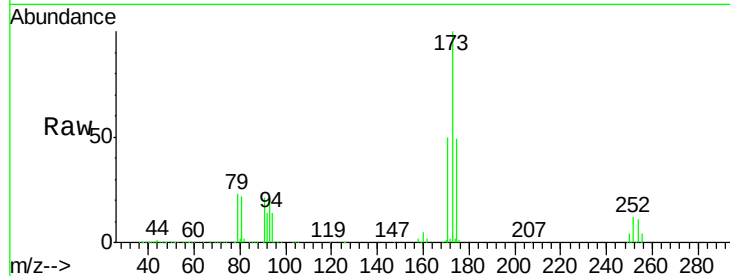
Tot Ion:173 Resp: 222049

Ion Ratio Lower Upper

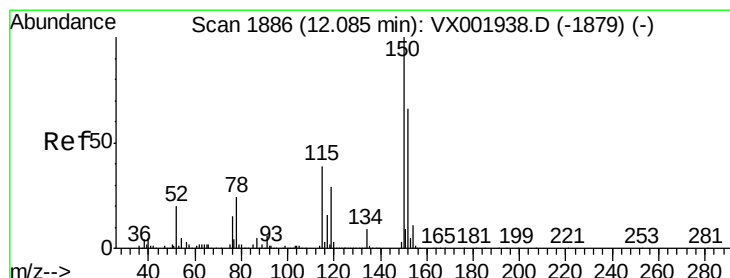
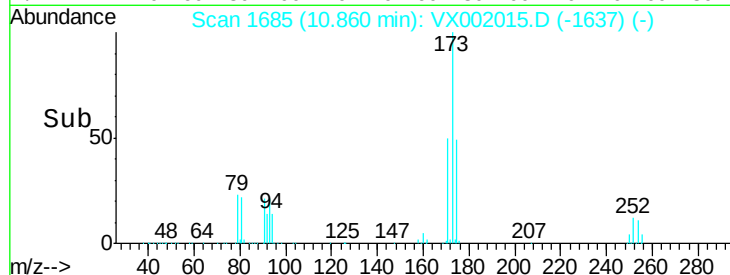
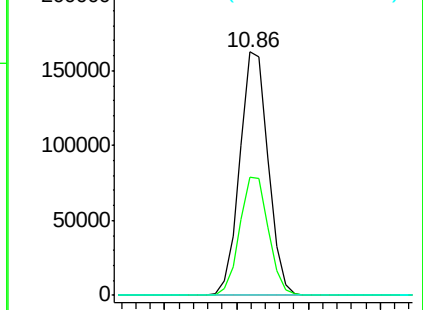
173 100

175 49.2 24.3 72.9

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

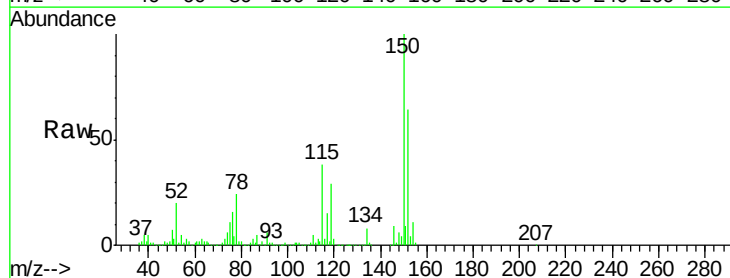
Tgt Ion:152 Resp: 290870

Ion Ratio Lower Upper

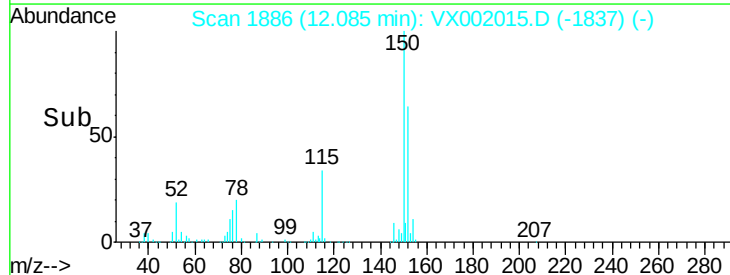
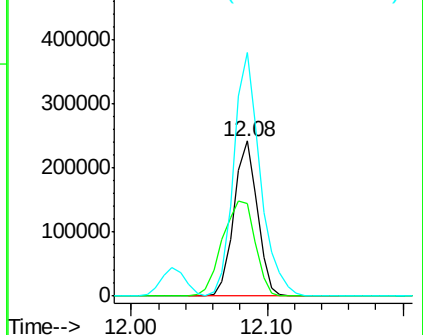
152 100

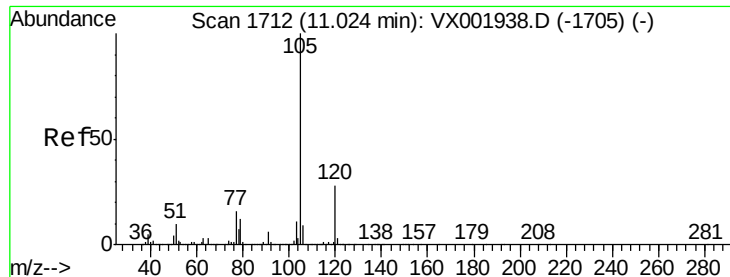
115 85.1 42.3 126.8

150 176.9 0.0 351.0



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: 46.27 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

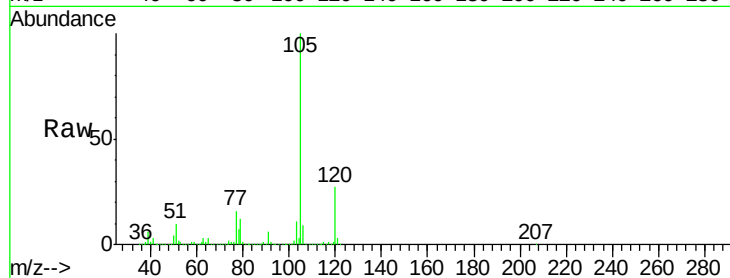
ClientSampleId :

Tot Ion:105 Resp: 1139602

Ion Ratio Lower Upper

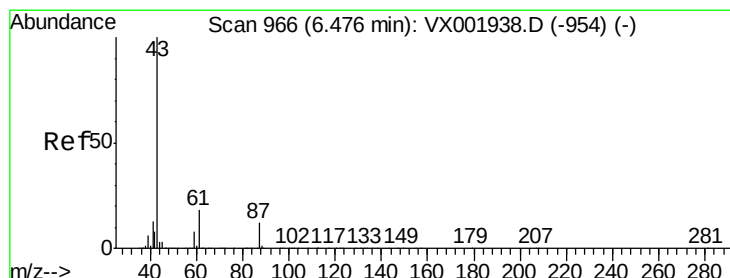
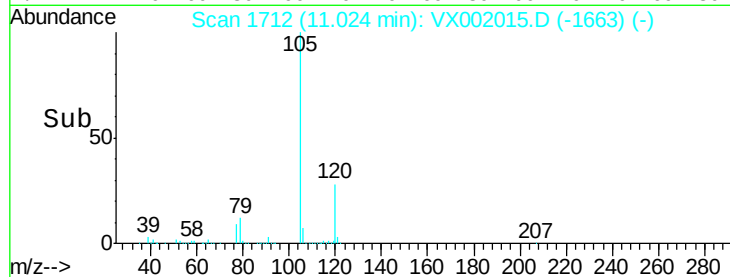
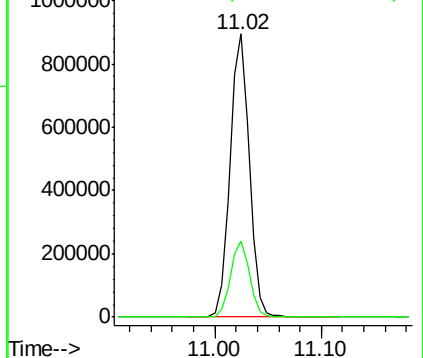
105 100

120 26.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.65 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Tgt Ion: 43 Resp: 610710

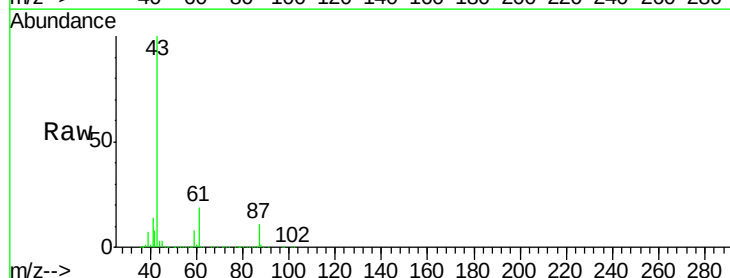
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 18.2 14.5 21.7

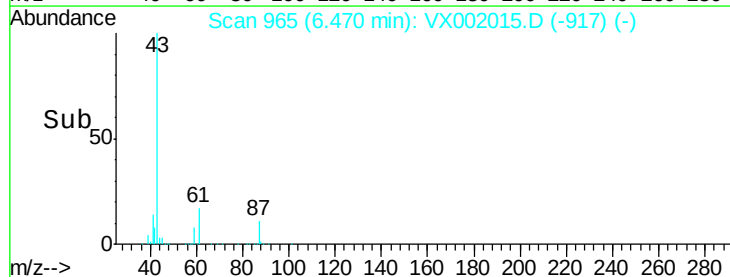
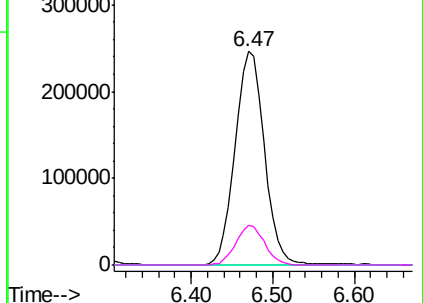


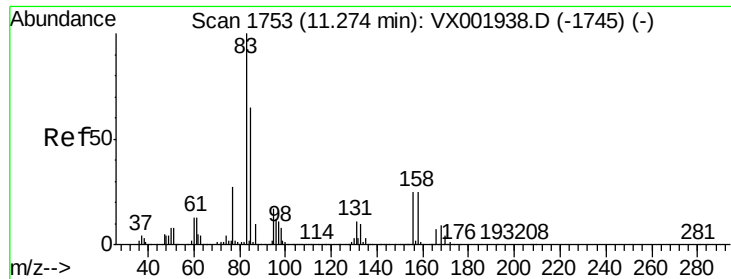
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.55 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

ClientSampled :

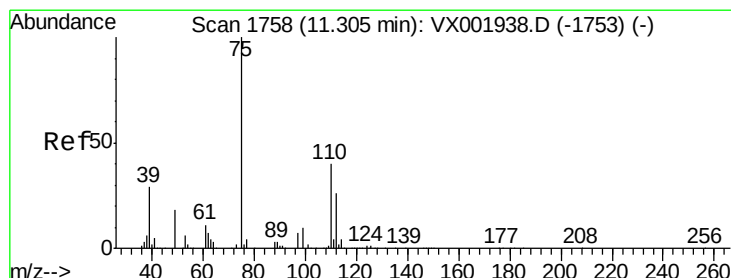
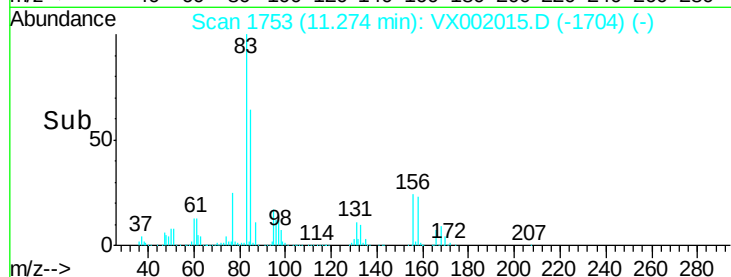
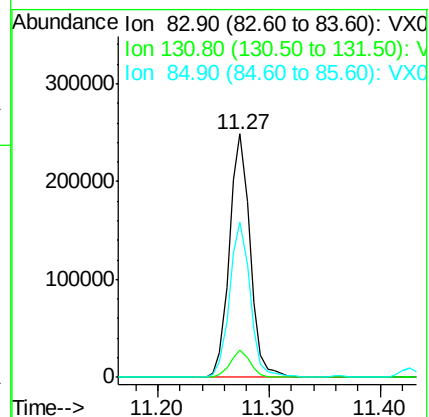
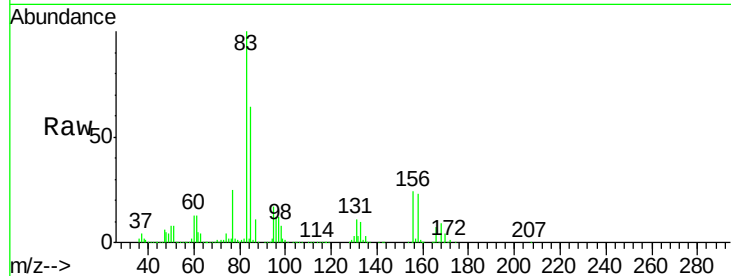
Tot Ion: 83 Resp: 320718

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

85 63.9 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 61.75 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX002015.D

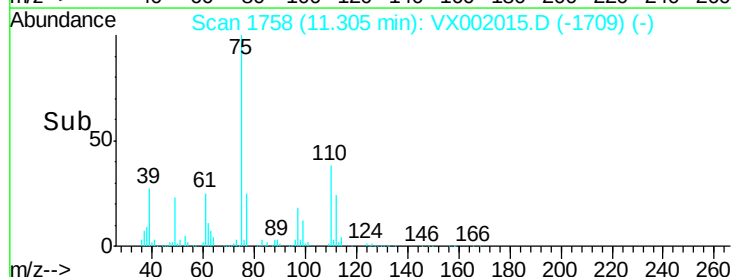
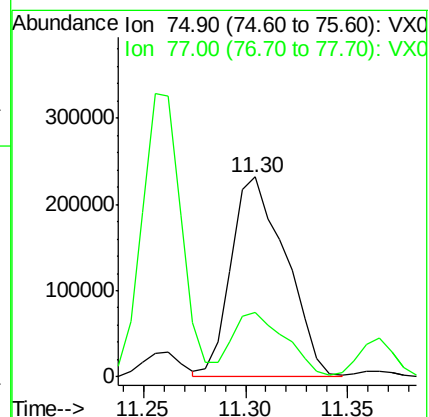
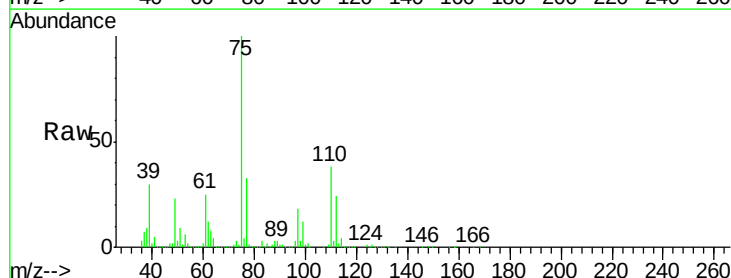
Acq: 26 May 2018 12:58

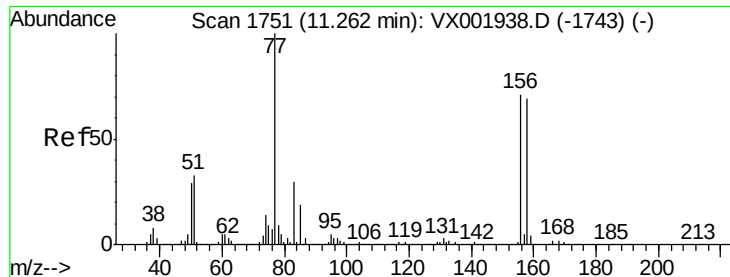
Tgt Ion: 75 Resp: 431424

Ion Ratio Lower Upper

75 100

77 31.1 22.8 68.3





#77

Bromobenzene

Concen: 45.70 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

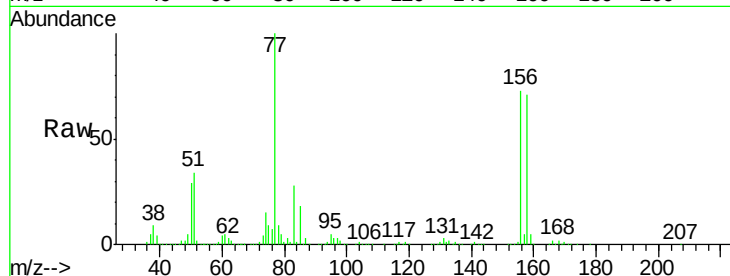
Tot Ion:156 Resp: 298630

Ion Ratio Lower Upper

156 100

77 147.9 75.2 225.6

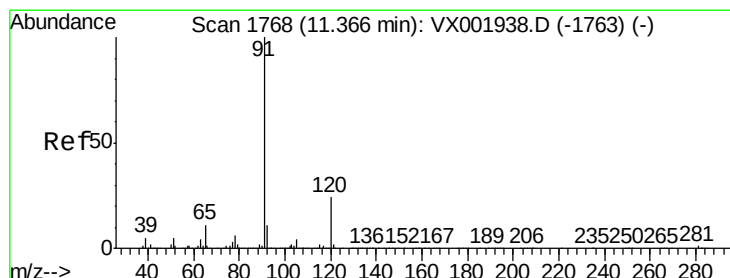
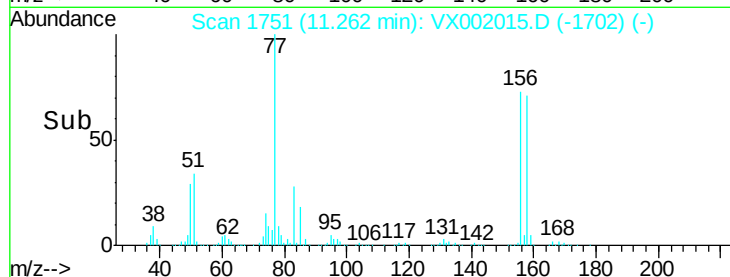
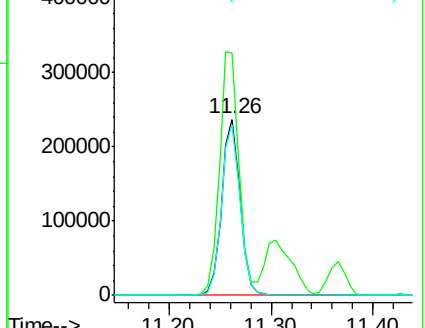
158 97.7 48.6 145.8



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: 47.59 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002015.D

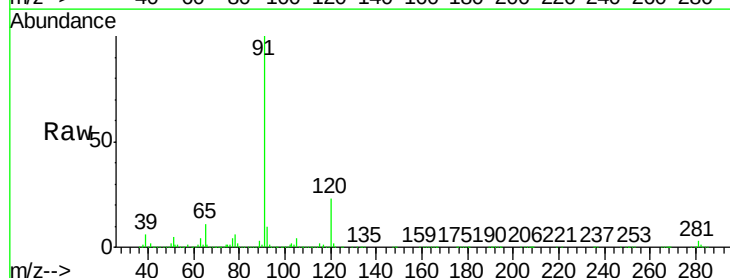
Acq: 26 May 2018 12:58

Tgt Ion: 91 Resp: 1312746

Ion Ratio Lower Upper

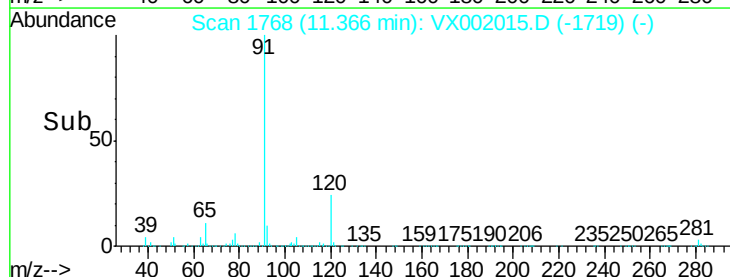
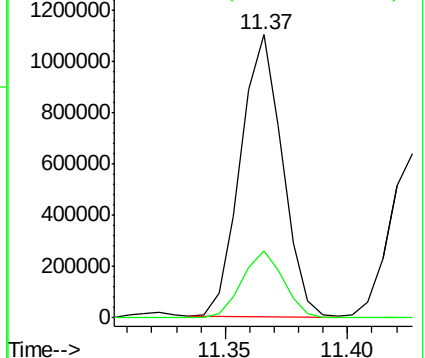
91 100

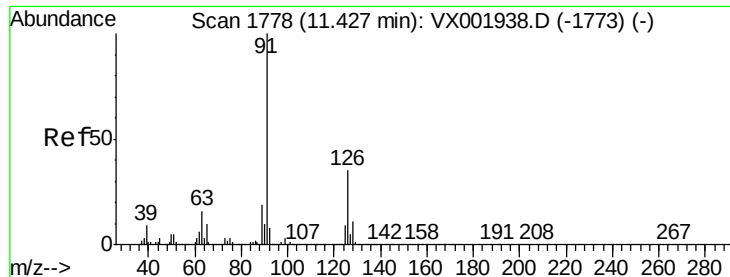
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.10 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

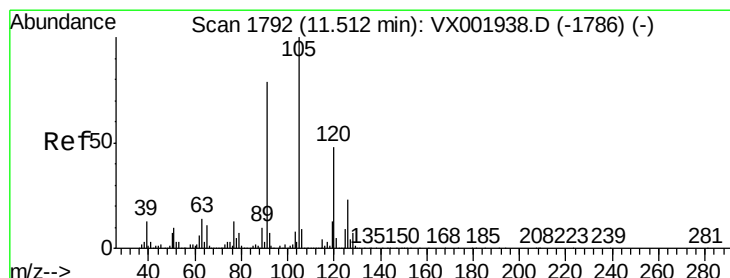
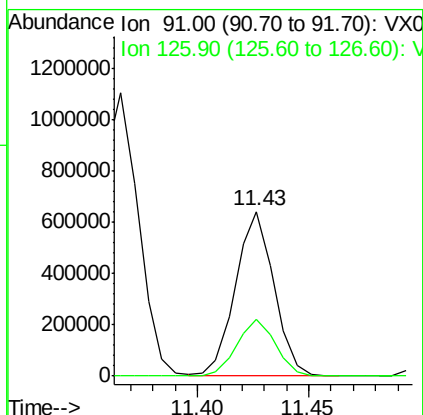
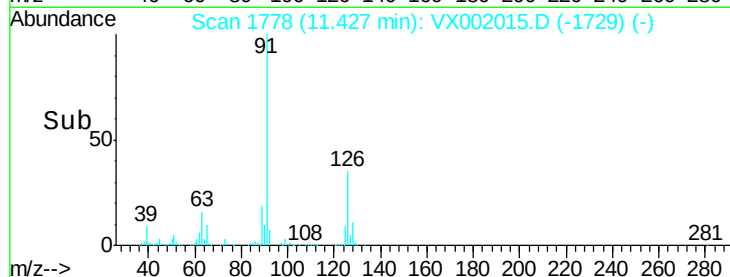
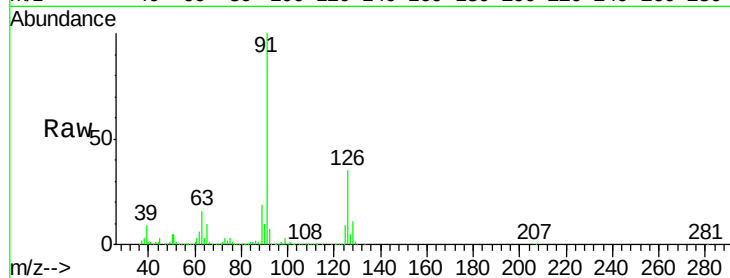
ClientSampleId :

Tot Ion: 91 Resp: 772508

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 46.78 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002015.D

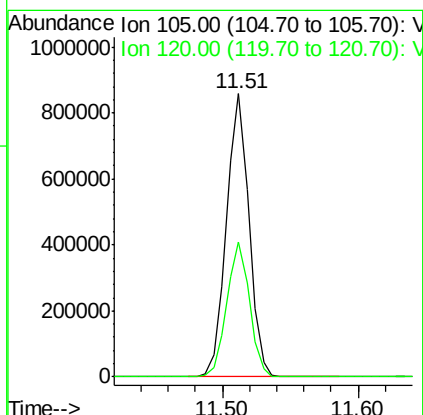
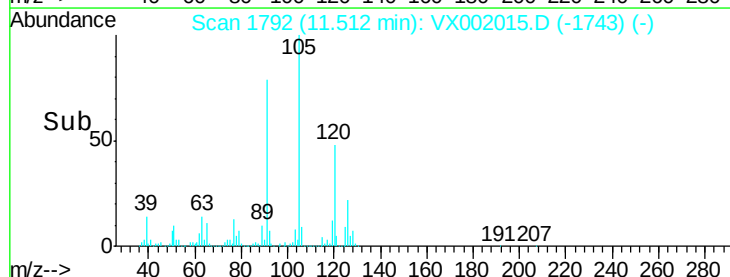
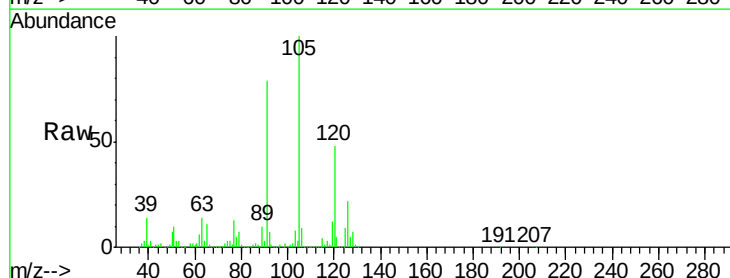
Acq: 26 May 2018 12:58

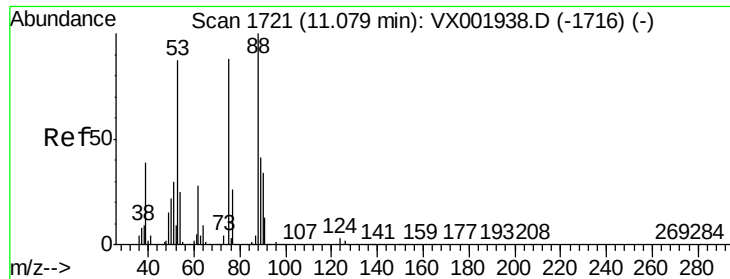
Tgt Ion:105 Resp: 984701

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 40.77 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

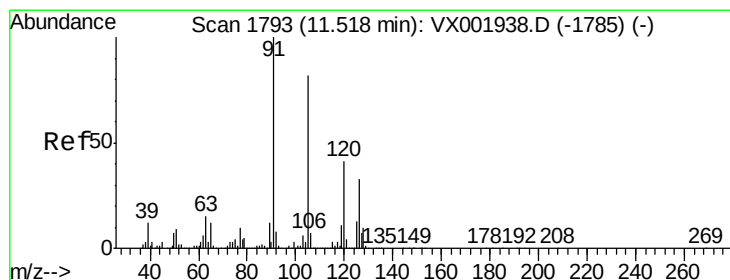
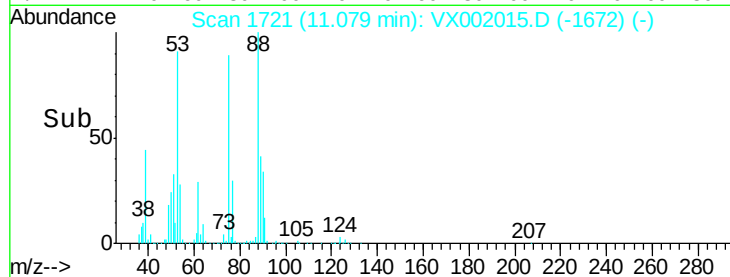
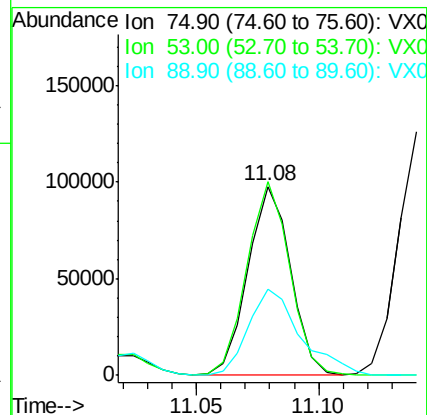
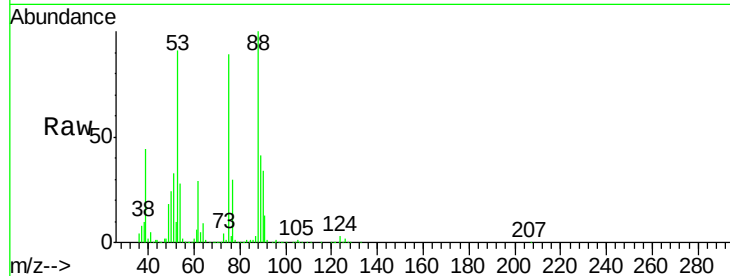
Tot Ion: 75 Resp: 118502

Ion Ratio Lower Upper

75 100

53 103.3 78.0 117.0

89 56.3 39.4 59.2



#82

4-Chlorotoluene

Concen: 47.22 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX002015.D

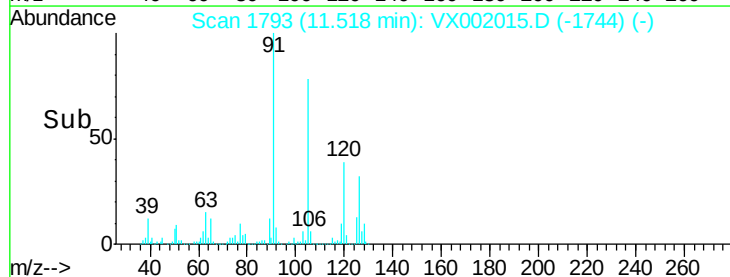
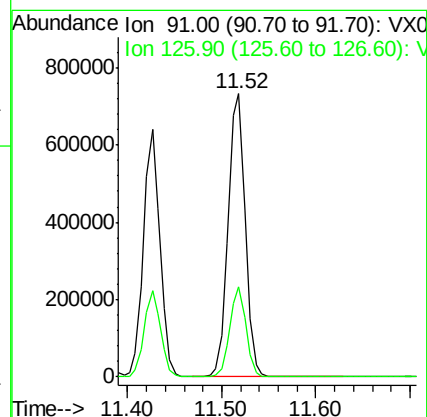
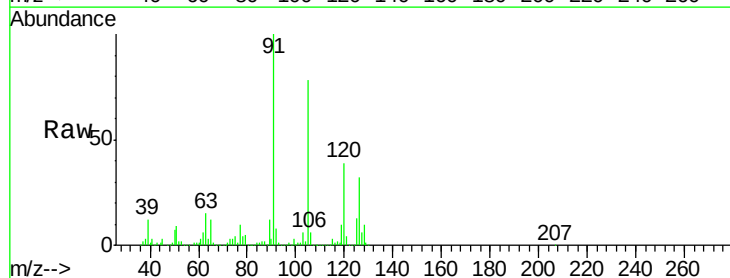
Acq: 26 May 2018 12:58

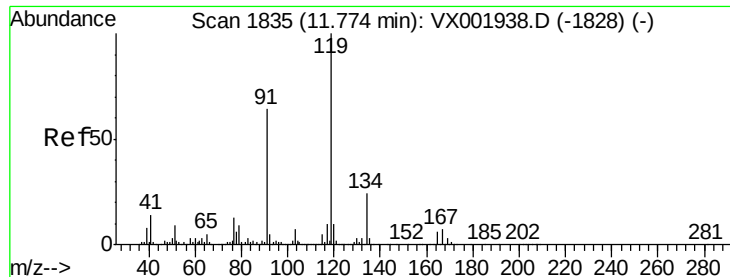
Tgt Ion: 91 Resp: 918796

Ion Ratio Lower Upper

91 100

126 30.2 15.3 45.8





#83

tert-Butylbenzene

Concen: 45.73 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

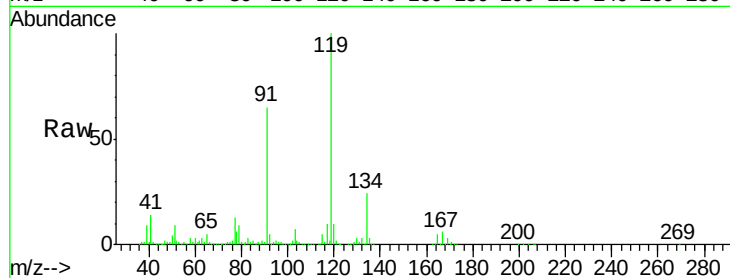
Tot Ion:119 Resp: 944632

Ion Ratio Lower Upper

119 100

91 61.5 30.6 91.8

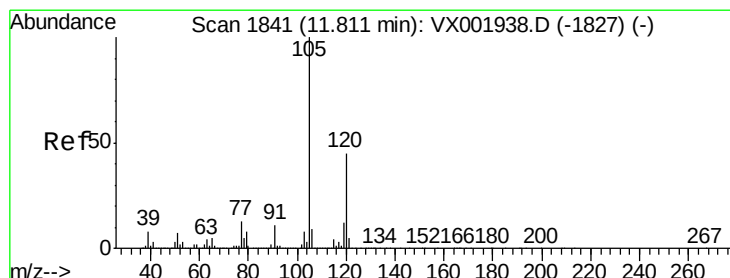
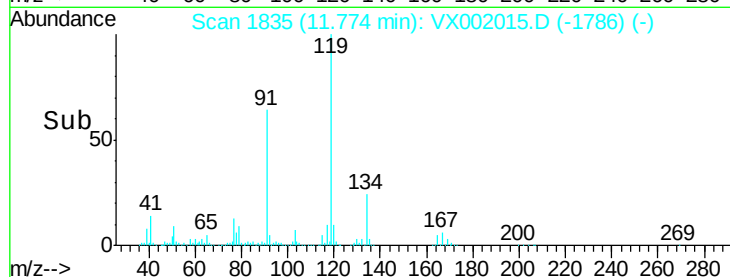
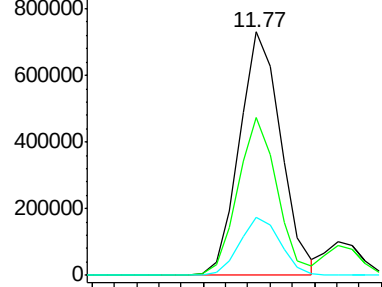
134 23.5 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 46.22 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002015.D

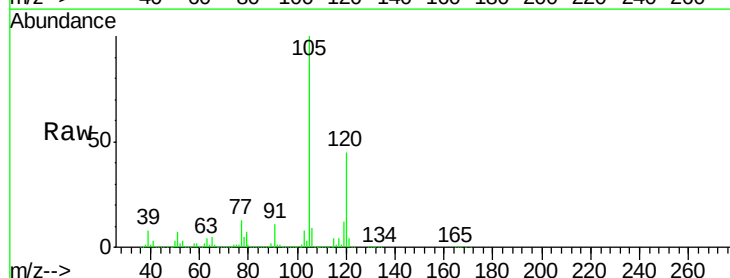
Acq: 26 May 2018 12:58

Tgt Ion:105 Resp: 1005495

Ion Ratio Lower Upper

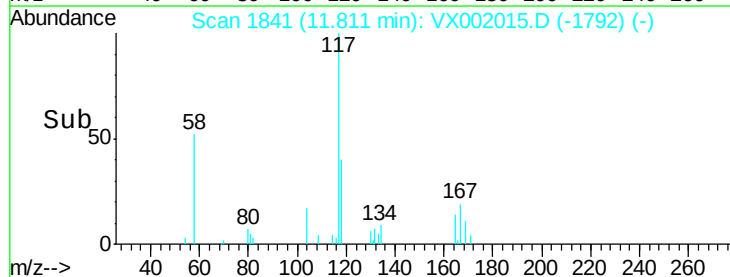
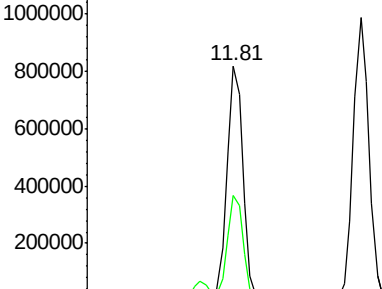
105 100

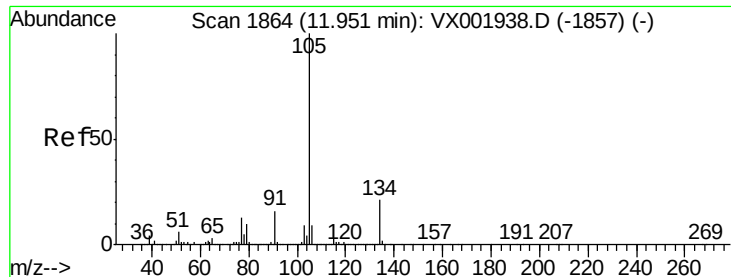
120 44.5 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.91 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

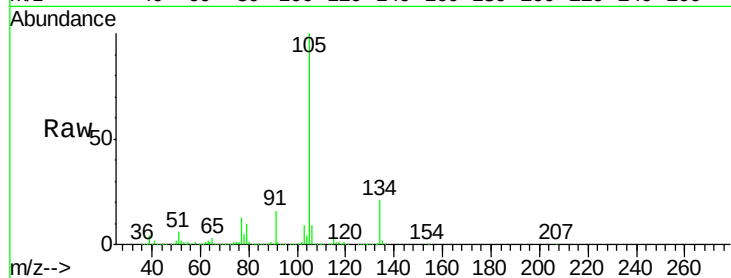
ClientSampled :

Tot Ion:105 Resp: 1189538

Ion Ratio Lower Upper

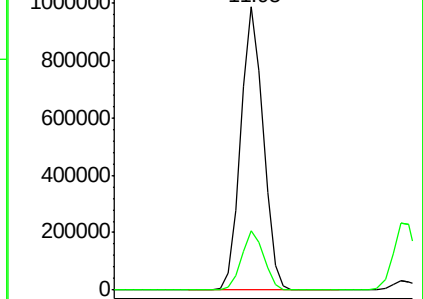
105 100

134 20.8 10.4 31.4

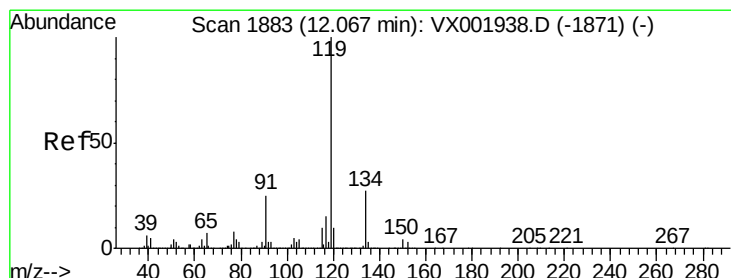
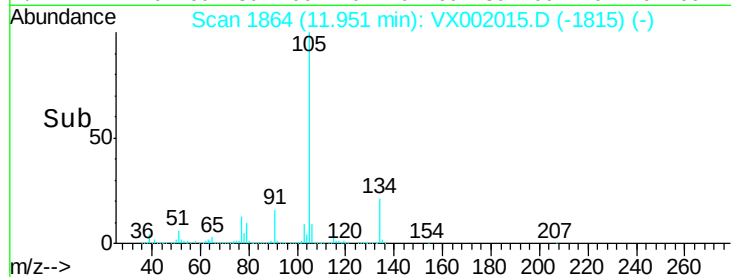


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 48.52 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

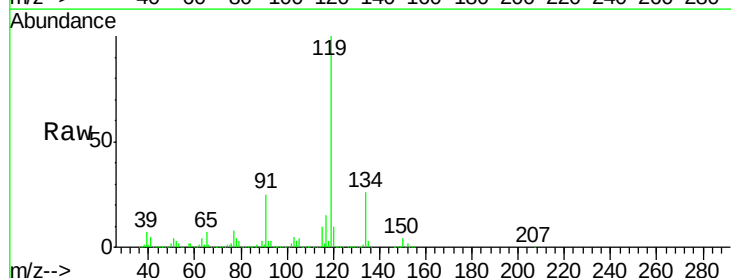
Tgt Ion:119 Resp: 1077992

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

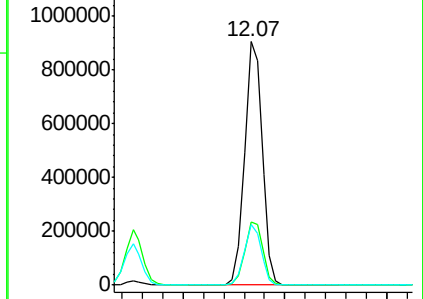
91 24.2 12.2 36.4



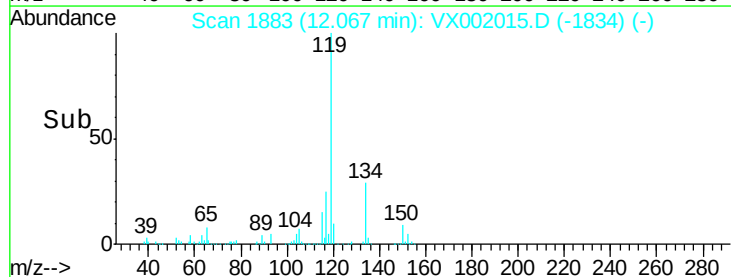
Abundance Ion 119.00 (118.70 to 119.70): V

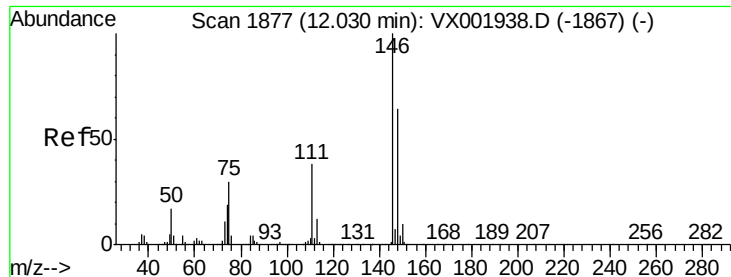
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->

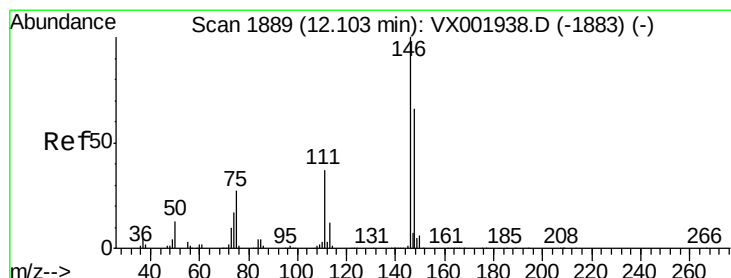
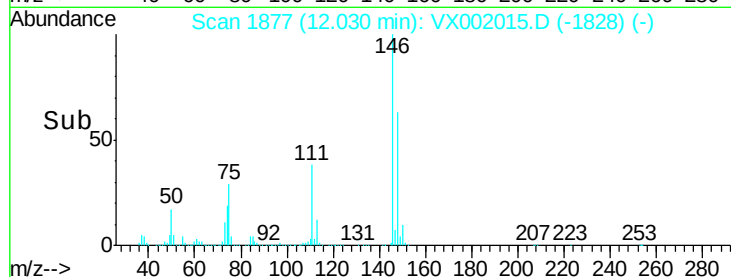
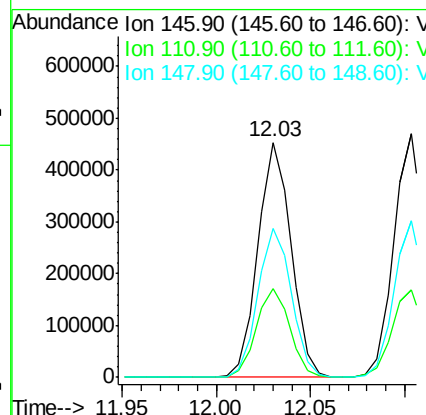
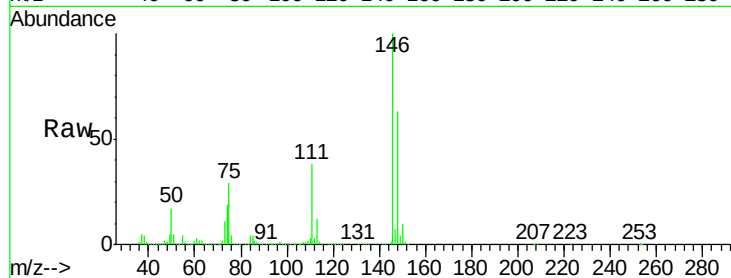




#87
 1,3-Dichlorobenzene
 Concen: 47.26 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

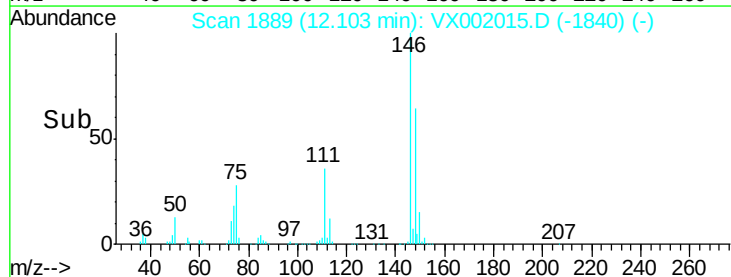
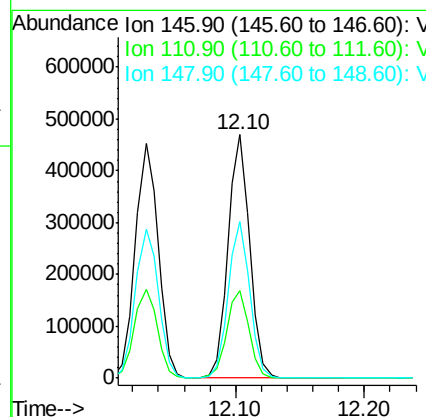
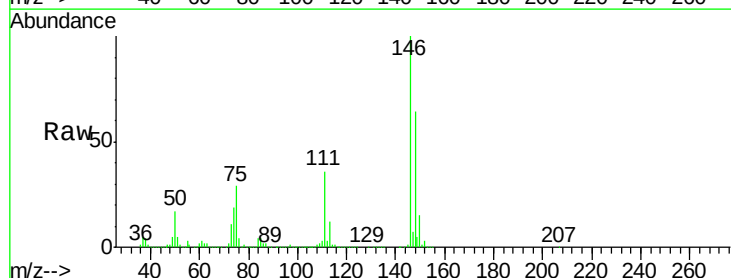
Instrument :
 MSVOA_X
 ClientSampleId :

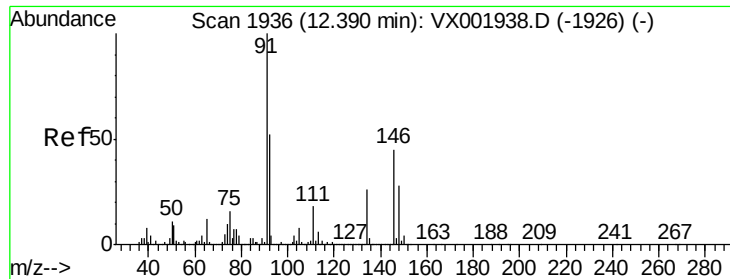
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.8
148	64.1	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.67 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.5
148	64.4	32.3	96.8

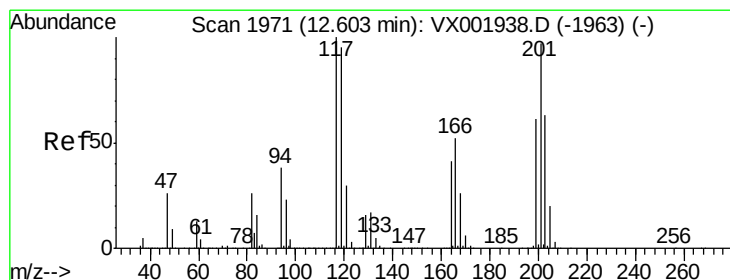
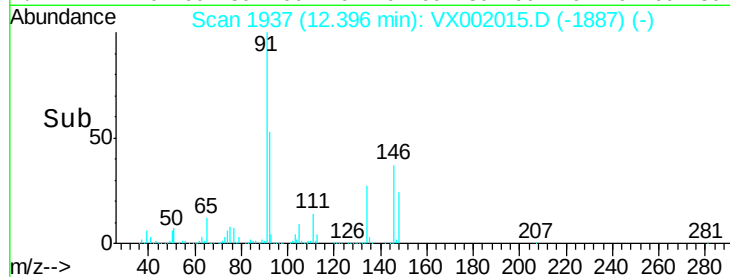
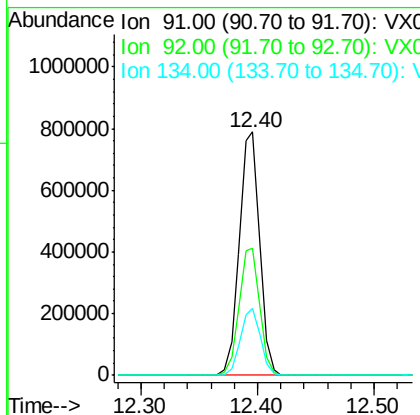
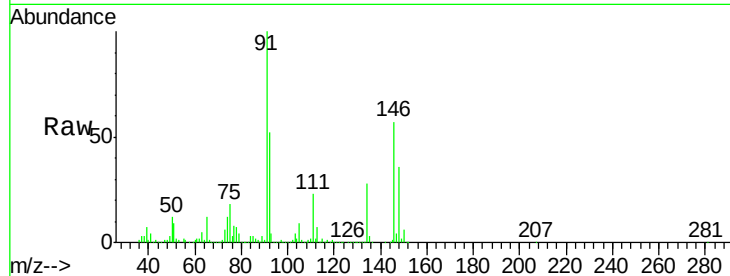




#89
n-Butylbenzene
Concen: 50.97 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.01 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

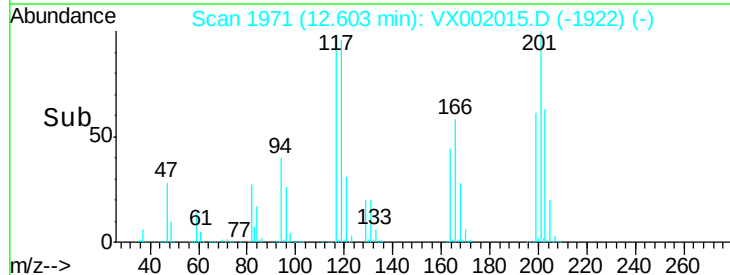
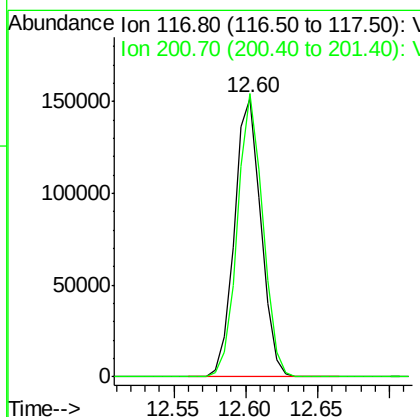
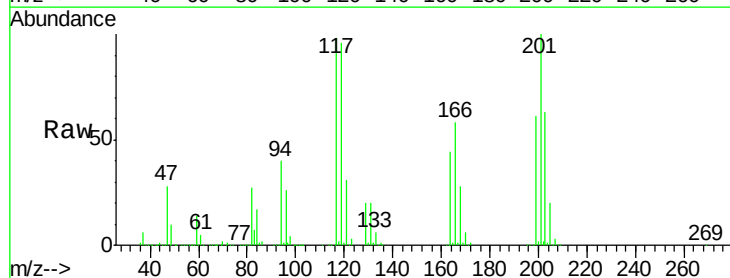
Instrument :
MSVOA_X
ClientSampled :

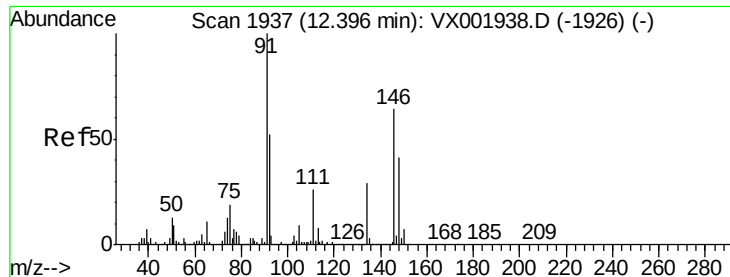
Tot Ion: 91 Resp: 959681
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 27.2 13.6 40.7



#90
Hexachloroethane
Concen: 44.63 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002015.D
Acq: 26 May 2018 12:58

Tgt Ion: 117 Resp: 195582
Ion Ratio Lower Upper
117 100
201 96.6 48.0 144.0

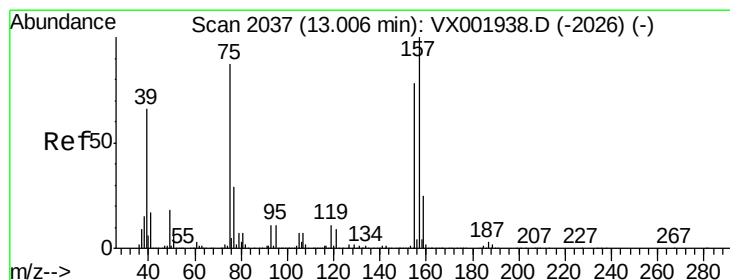
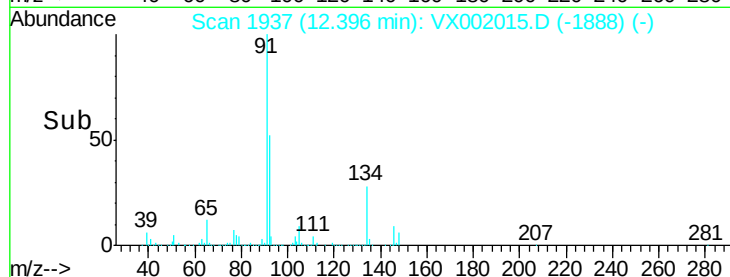
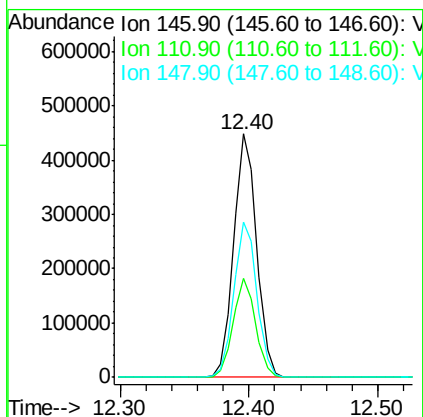
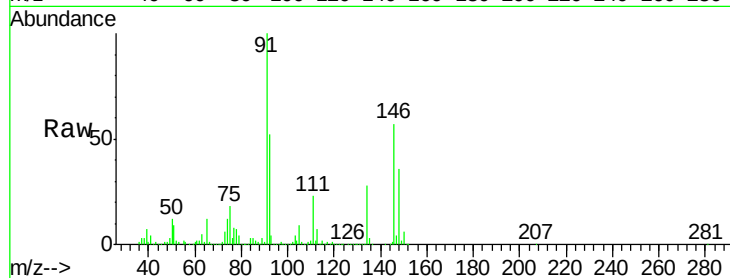




#91
 1,2-Dichlorobenzene
 Concen: 46.72 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

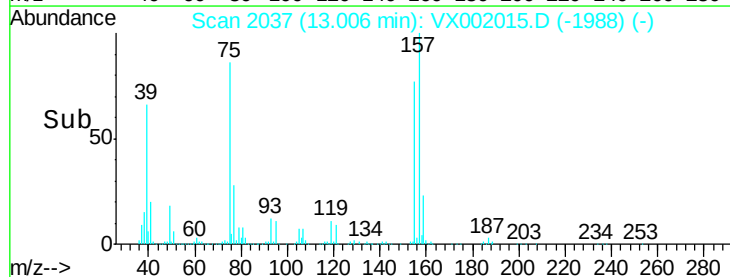
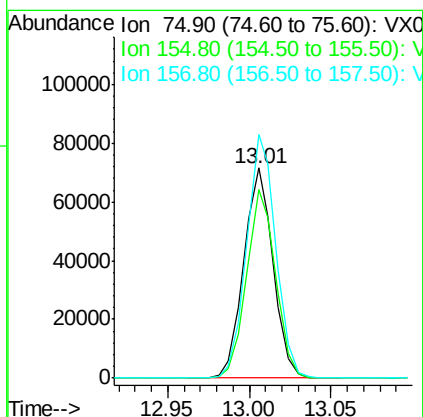
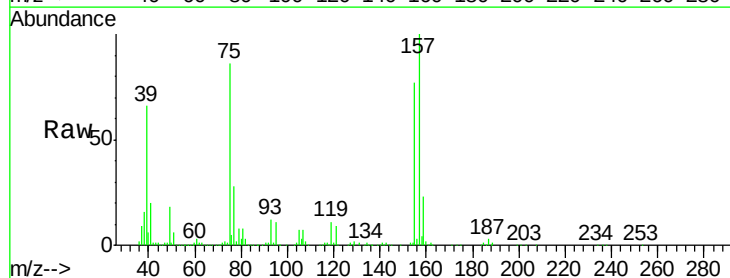
Instrument :
 MSVOA_X
 ClientSampled :

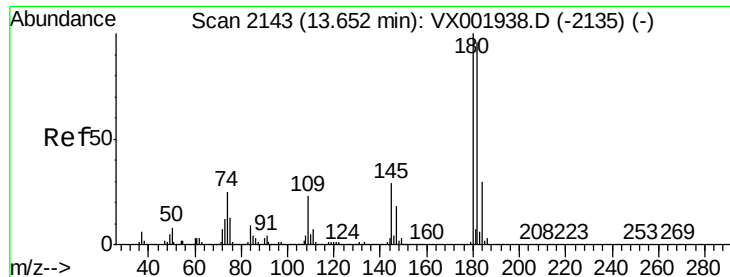
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.3
148	64.1	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.81 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	45.1	135.2
157	115.5	58.1	174.2

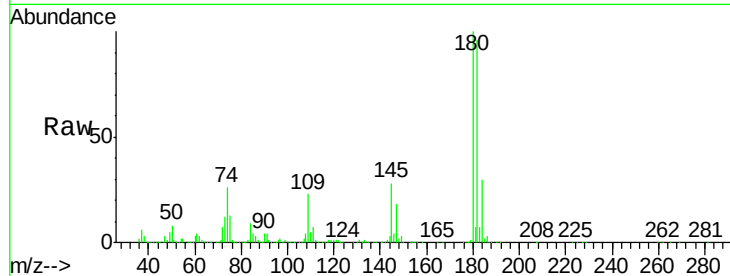




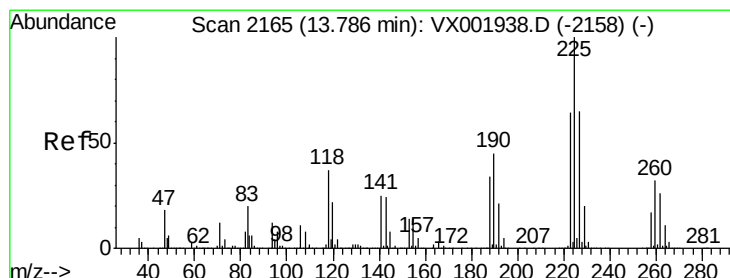
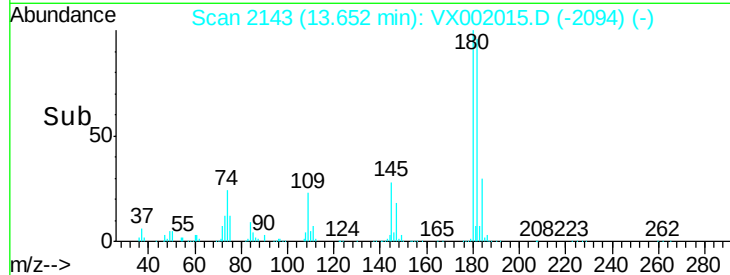
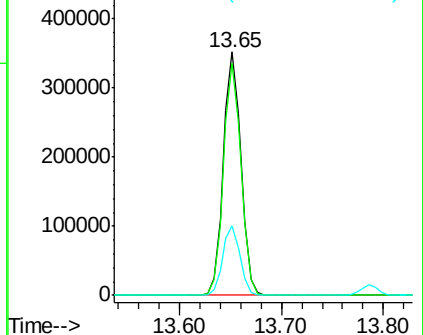
#93
 1,2,4-Trichlorobenzene
 Concen: 49.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.7	143.1
145	28.4	14.4	43.0

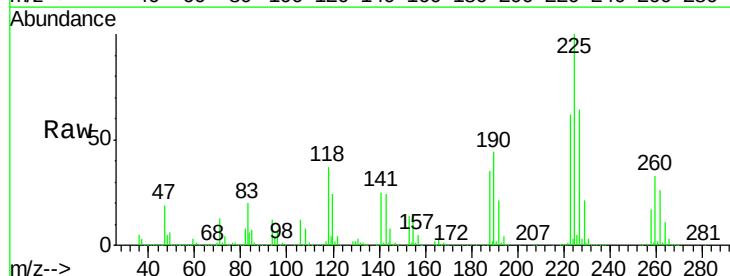


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

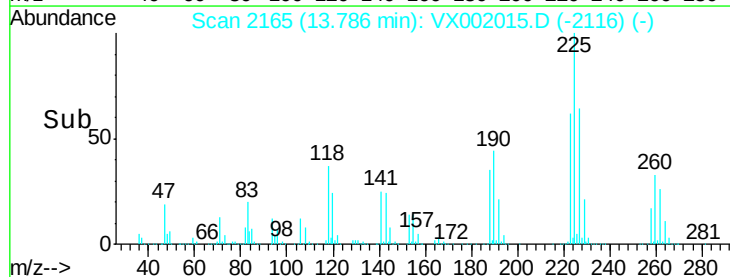
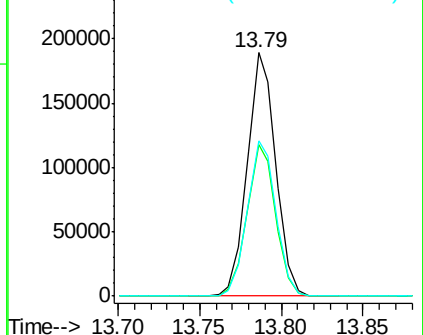


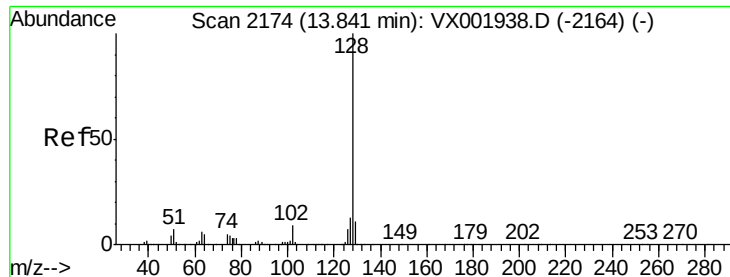
#94
 Hexachlorobutadiene
 Concen: 50.00 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002015.D
 Acq: 26 May 2018 12:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.1	93.5
227	64.5	32.1	96.5



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: 45.49 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

Instrument :

MSVOA_X

ClientSampled :

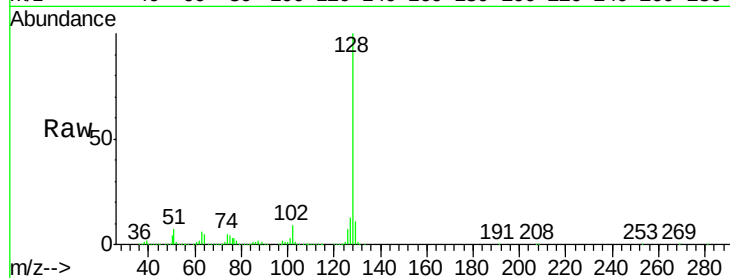
Tot Ion:128 Resp: 1194999

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

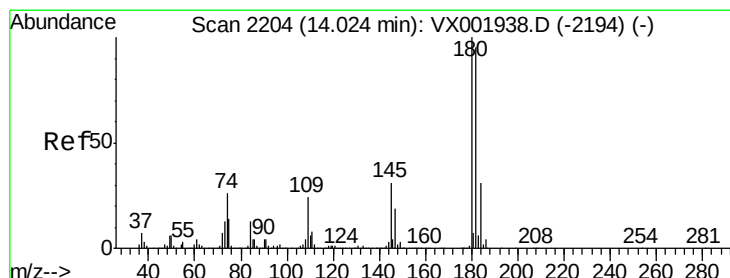
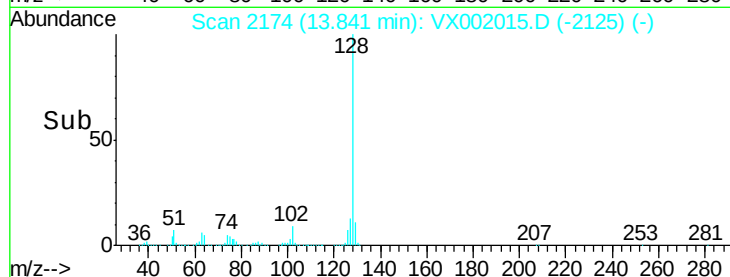
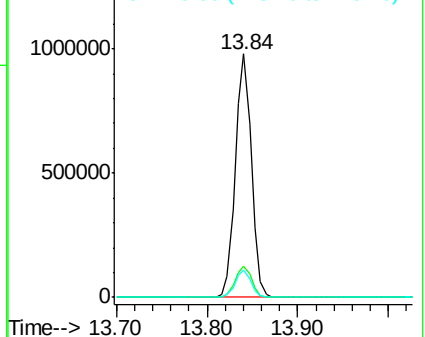
129 11.0 8.8 13.2



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: 48.07 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002015.D

Acq: 26 May 2018 12:58

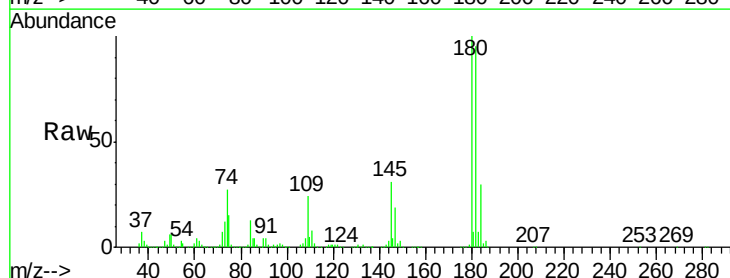
Tgt Ion:180 Resp: 424129

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.6

145 29.9 15.1 45.3



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

