

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015092.D
 Acq On : 04 Mar 2020 17:05
 Operator : JC/SP
 Sample : L1779-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200303

Quant Time: Mar 05 07:43:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	364763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	578472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	547377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	271389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	211196	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
35) Dibromofluoromethane	5.49	113	175166	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	8.71	98	702445	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.13	95	250125	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	541	0.169	ug/l #	69
3) Chloromethane	1.32	50	746	0.165	ug/l #	1
4) Vinyl Chloride	1.40	62	691	0.151	ug/l #	82
5) Bromomethane	1.66	94	1268	0.450	ug/l #	71
6) Chloroethane	1.72	64	99	0.036	ug/l #	1
7) Trichlorofluoromethane	1.94	101	421	0.077	ug/l #	65
8) Diethyl Ether	2.17	74	291	0.118	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.36	101	246	0.072	ug/l #	18
10) Methyl Iodide	2.52	142	1356	0.349	ug/l #	84
11) Tert butyl alcohol	3.03	59	472	0.629	ug/l #	1
12) 1,1-Dichloroethene	2.36	96	312	0.088	ug/l #	37
13) Acrolein	2.27	56	113	0.160	ug/l #	1
14) Allyl chloride	2.71	41	895	0.145	ug/l #	25
15) Acrylonitrile	3.16	53	990	0.529	ug/l #	48
16) Acetone	2.44	43	436	0.249	ug/l #	1
17) Carbon Disulfide	2.57	76	1730	0.176	ug/l #	92
18) Methyl Acetate	2.76	43	894	0.209	ug/l #	65
19) Methyl tert-butyl Ether	3.21	73	136	0.012	ug/l #	12
20) Methylene Chloride	2.84	84	572	0.139	ug/l #	75
21) trans-1,2-Dichloroethene	3.16	96	373	0.099	ug/l #	47
22) Diisopropyl ether	3.84	45	782	0.064	ug/l #	58
23) Vinyl Acetate	3.83	43	233	0.023	ug/l #	36
24) 1,1-Dichloroethane	3.67	63	347	0.051	ug/l #	35
25) 2-Butanone	4.68	43	272	0.106	ug/l #	49
26) 2,2-Dichloropropane	4.58	77	114	0.021	ug/l #	1
27) cis-1,2-Dichloroethene	4.56	96	229	0.054	ug/l	83
28) Bromochloromethane	5.02	49	323	0.104	ug/l #	2
29) Tetrahydrofuran	5.28	42	396	0.239	ug/l	93
30) Chloroform	5.26	83	276	0.041	ug/l	87
31) Cyclohexane	5.65	56	6460	1.060	ug/l #	1
32) 1,1,1-Trichloroethane	5.48	97	185	0.034	ug/l #	23
36) 1,1-Dichloropropene	5.65	75	25387	4.747	ug/l #	51
37) Ethyl Acetate	4.81	43	147	0.030	ug/l #	1
38) Carbon Tetrachloride	5.65	117	32081	6.355	ug/l #	16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	225	0.036	ug/l #	56
40) Benzene	6.14	78	249	0.016	ug/l #	1
41) Methacrylonitrile	5.03	41	451	0.151	ug/l #	82
42) 1,2-Dichloroethane	6.19	62	1047	0.192	ug/l #	72
43) Isopropyl Acetate	6.42	43	332	0.038	ug/l #	1
44) Trichloroethene	7.21	130	743	0.168	ug/l #	22
45) 1,2-Dichloropropane	7.51	63	369	0.090	ug/l #	54
46) Dibromomethane	7.66	93	216	0.081	ug/l #	54
47) Bromodichloromethane	7.89	83	575	0.109	ug/l #	54
48) Methyl methacrylate	7.78	41	487	0.110	ug/l #	24
49) 1,4-Dioxane	7.75	88	123	1.281	ug/l #	1
51) 4-Methyl-2-Pentanone	8.48	43	686	0.133	ug/l #	100
52) Toluene	8.71	92	360	0.037	ug/l #	80
53) t-1,3-Dichloropropene	9.03	75	221	0.039	ug/l #	98
54) cis-1,3-Dichloropropene	8.42	75	127	0.020	ug/l #	2
55) 1,1,2-Trichloroethane	9.20	97	210	0.053	ug/l #	50
56) Ethyl methacrylate	9.18	69	312	0.055	ug/l #	23
57) 1,3-Dichloropropane	9.37	76	174	0.026	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.56	63	361	0.116	ug/l #	98
59) 2-Hexanone	9.54	43	700	0.183	ug/l #	100
60) Dibromochloromethane	9.57	129	340	0.081	ug/l #	63
61) 1,2-Dibromoethane	9.59	107	211	0.050	ug/l #	85
64) Tetrachloroethene	9.33	164	719	0.159	ug/l #	53
65) Chlorobenzene	10.14	112	1033	0.094	ug/l #	59
66) 1,1,1,2-Tetrachloroethane	10.23	131	336	0.081	ug/l #	57
67) Ethyl Benzene	10.25	91	856	0.046	ug/l #	80
68) m/p-Xylenes	10.35	106	662	0.093	ug/l #	74
69) o-Xylene	10.66	106	144	0.021	ug/l #	34
70) Styrene	10.87	104	401	0.034	ug/l #	91
71) Bromoform	10.86	173	233	0.073	ug/l #	28
73) Isopropylbenzene	11.28	105	513	0.030	ug/l #	92
74) N-amyl acetate	10.89	43	342	0.047	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	11.25	83	286	0.050	ug/l #	65
76) 1,2,3-Trichloropropane	11.13	75	123607	22.834	ug/l #	33
77) Bromobenzene	11.45	156	230	0.048	ug/l #	88
78) n-propylbenzene	11.35	91	1831	0.092	ug/l #	90
79) 2-Chlorotoluene	11.51	91	1138	0.096	ug/l #	93
80) 1,3,5-Trimethylbenzene	11.50	105	1079	0.075	ug/l #	84
81) trans-1,4-Dichloro-2-buten	11.13	75	123607	64.802	ug/l #	11
82) 4-Chlorotoluene	11.51	91	1114	0.080	ug/l #	79
83) tert-Butylbenzene	11.77	119	411	0.029	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.91	105	249	0.017	ug/l #	82
85) sec-Butylbenzene	11.80	105	903	0.054	ug/l #	97
86) p-Isopropyltoluene	12.06	119	1465	0.094	ug/l #	30
87) 1,3-Dichlorobenzene	12.02	146	980	0.115	ug/l #	77
88) 1,4-Dichlorobenzene	12.09	146	1363	0.155	ug/l #	6
89) n-Butylbenzene	12.39	91	2271	0.165	ug/l #	87
90) Hexachloroethane	12.53	117	105	0.036	ug/l #	96
91) 1,2-Dichlorobenzene	12.39	146	1176	0.139	ug/l #	98
92) 1,2-Dibromo-3-Chloropropan	12.93	75	233	0.201	ug/l #	63

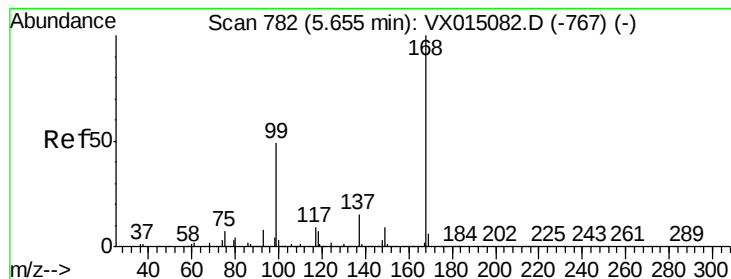
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1514	0.258	ug/l	86
94) Hexachlorobutadiene	13.78	225	560	0.186	ug/l	77
95) Naphthalene	13.83	128	1826	1.519	ug/l #	77
96) 1,2,3-Trichlorobenzene	14.02	180	830	0.142	ug/l #	79

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

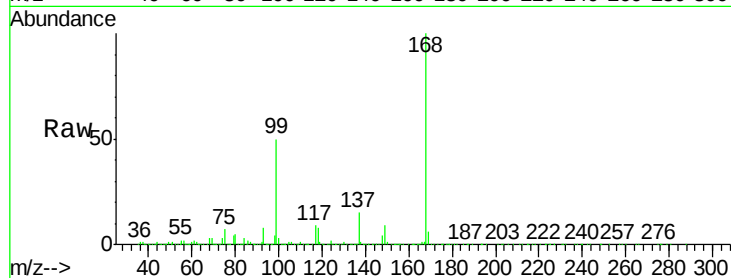
TB-01-200303

Tgt Ion:168 Resp: 364763

Ion Ratio Lower Upper

168 100

99 49.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

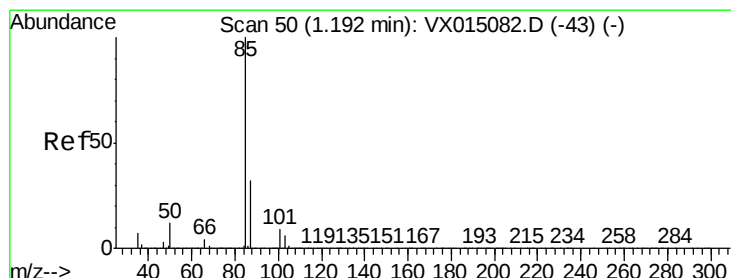
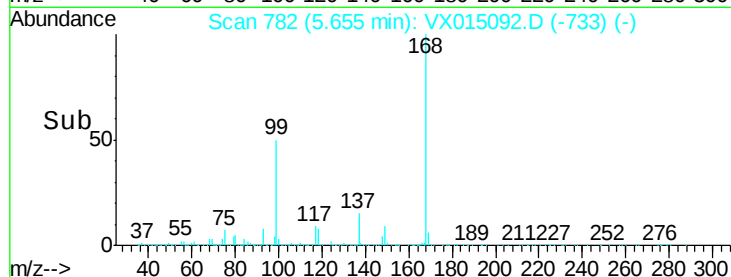
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.169 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX015092.D

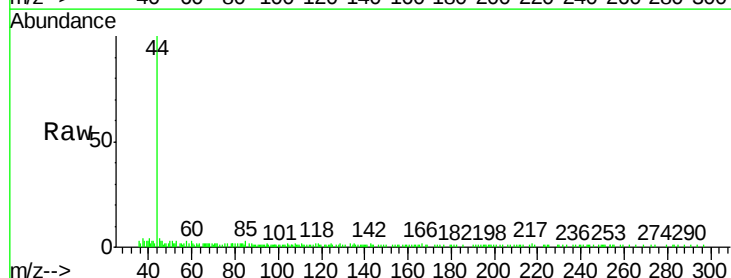
Acq: 04 Mar 2020 17:05

Tgt Ion: 85 Resp: 541

Ion Ratio Lower Upper

85 100

87 15.2 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300

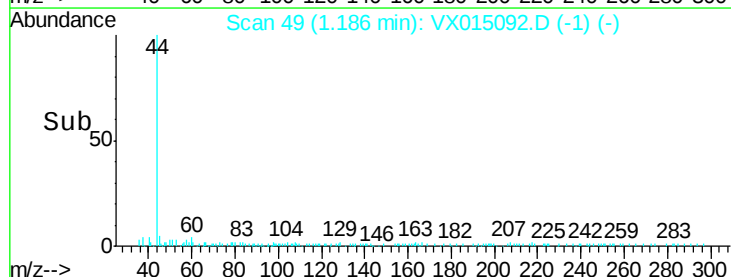
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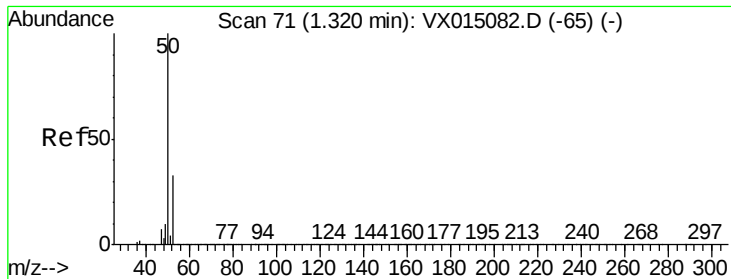
100

0

Time-->

1.14 1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: 0.165 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

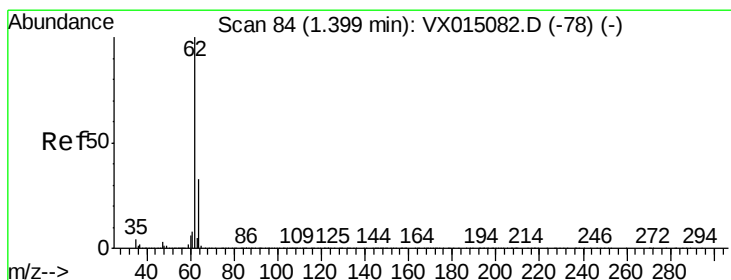
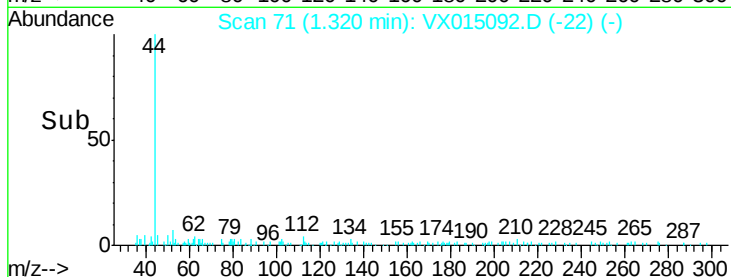
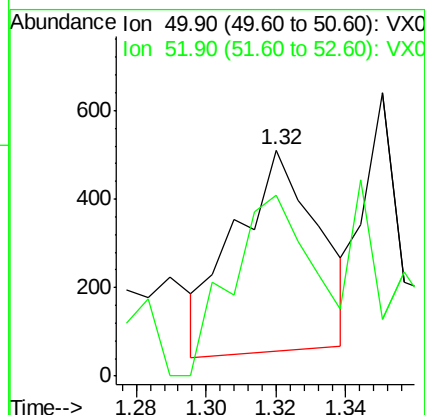
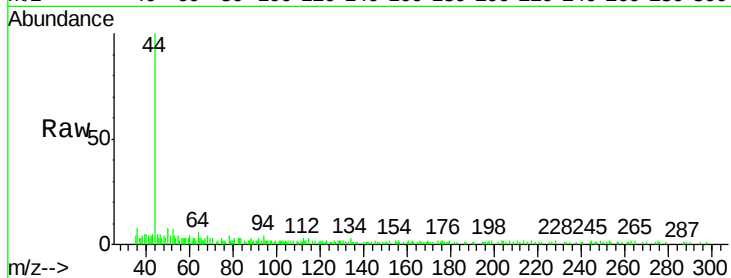
TB-01-200303

Tgt Ion: 50 Resp: 746

Ion Ratio Lower Upper

50 100

52 126.2 26.2 39.2#



#4

Vinyl Chloride

Concen: 0.151 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015092.D

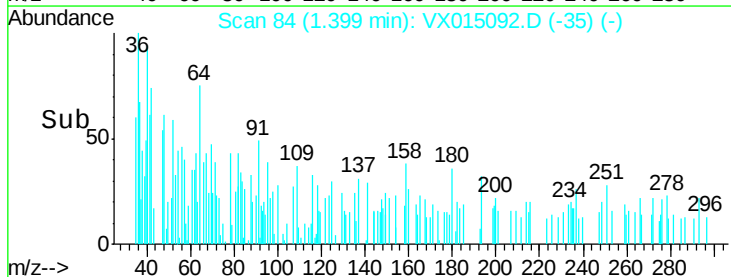
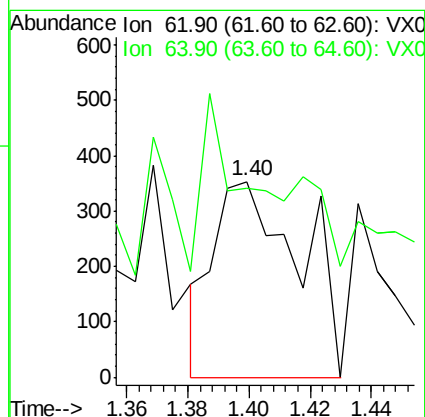
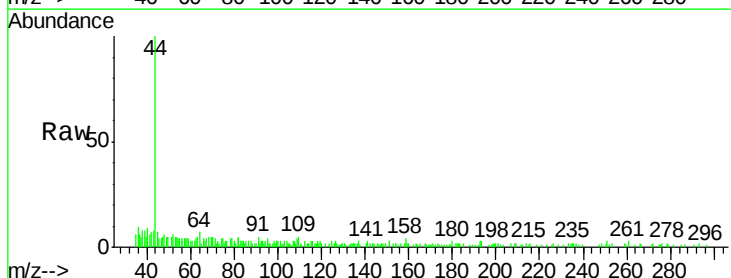
Acq: 04 Mar 2020 17:05

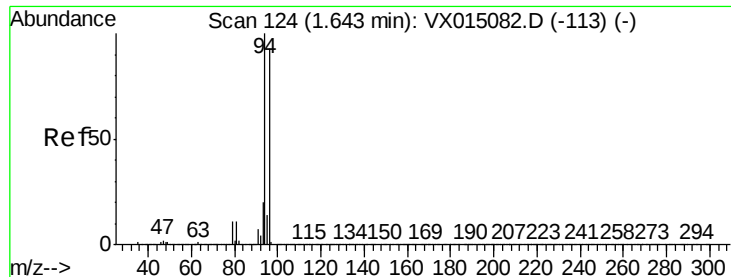
Tgt Ion: 62 Resp: 691

Ion Ratio Lower Upper

62 100

64 42.5 26.1 39.1#





#5

Bromomethane

Concen: 0.450 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.01 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

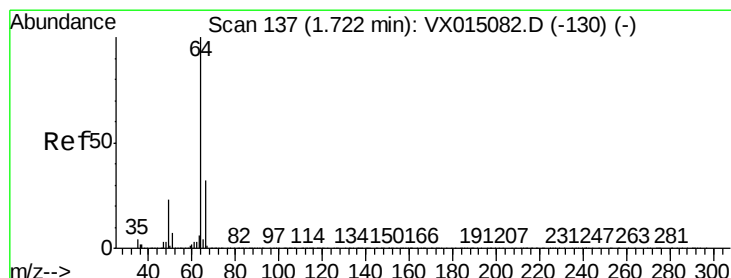
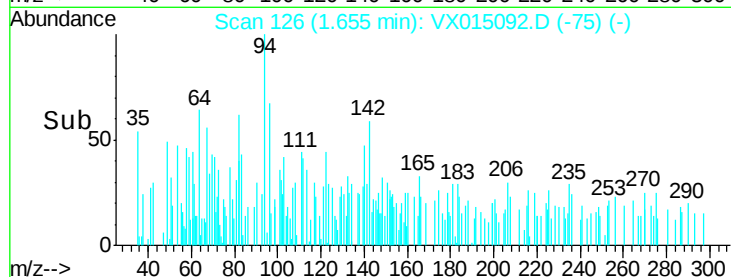
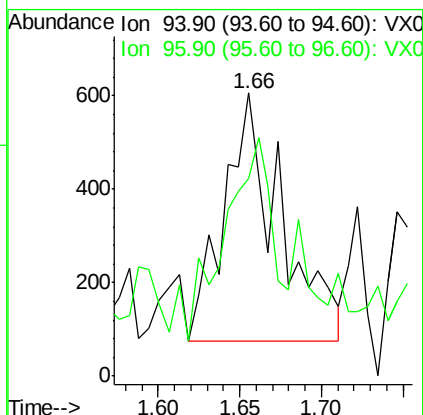
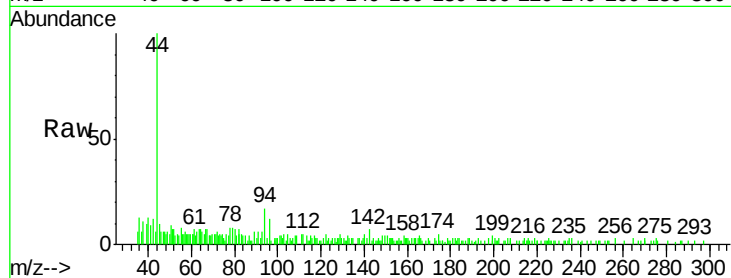
TB-01-200303

Tgt Ion: 94 Resp: 1268

Ion Ratio Lower Upper

94 100

96 65.7 74.6 111.8#



#6

Chloroethane

Concen: 0.036 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015092.D

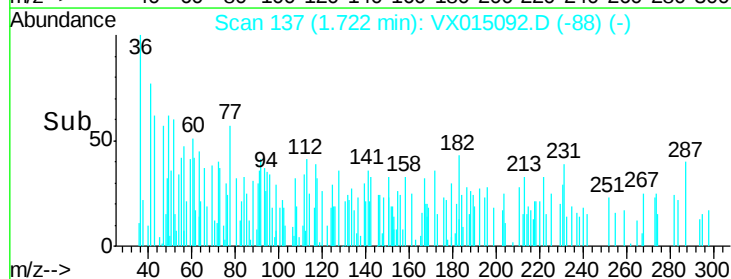
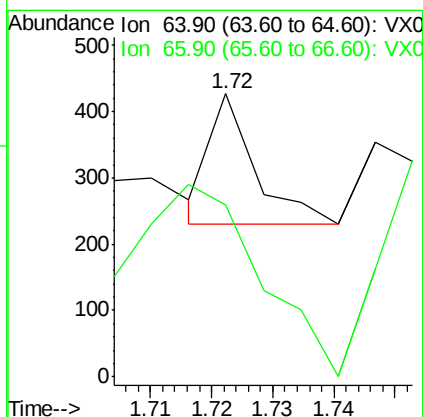
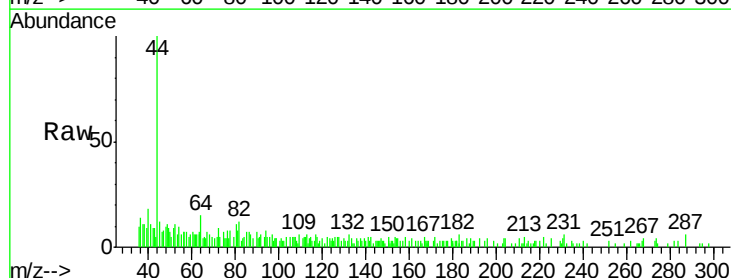
Acq: 04 Mar 2020 17:05

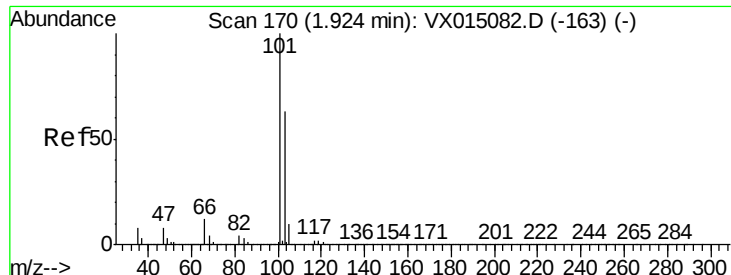
Tgt Ion: 64 Resp: 99

Ion Ratio Lower Upper

64 100

66 132.7 25.8 38.8#



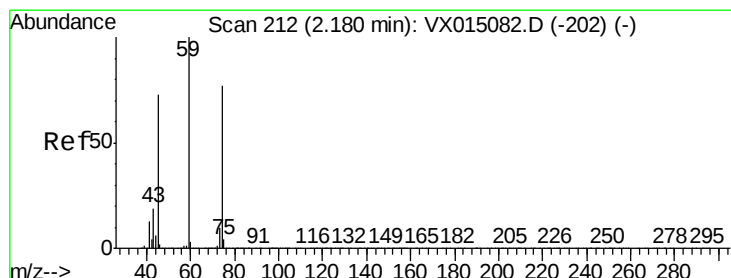
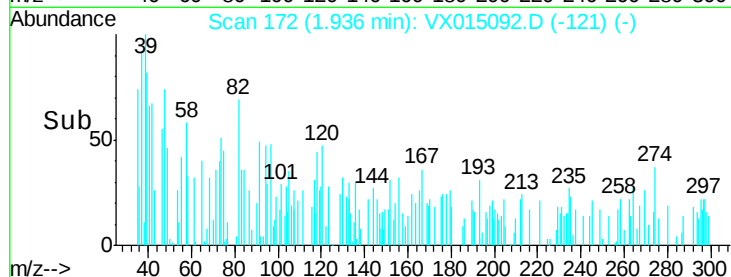
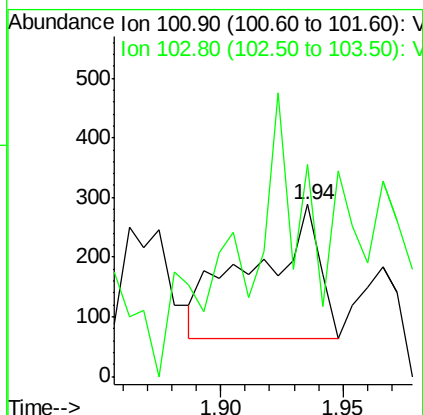
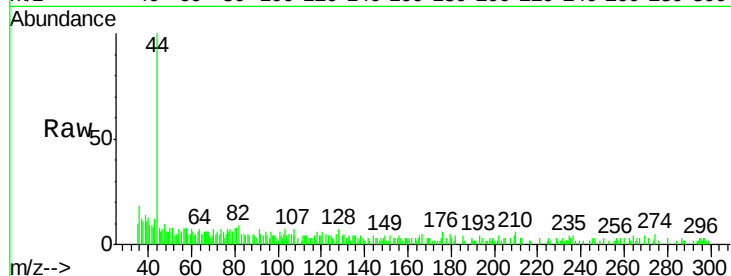


#7

Trichlorofluoromethane
Concen: 0.077 ug/l
RT: 1.94 min Scan# 172
Delta R.T. 0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Instrument :
MSVOA_X
ClientSampled :
TB-01-200303

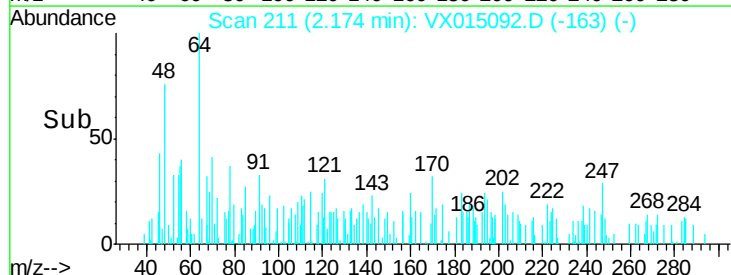
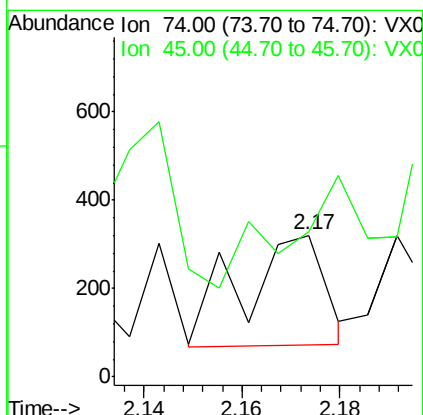
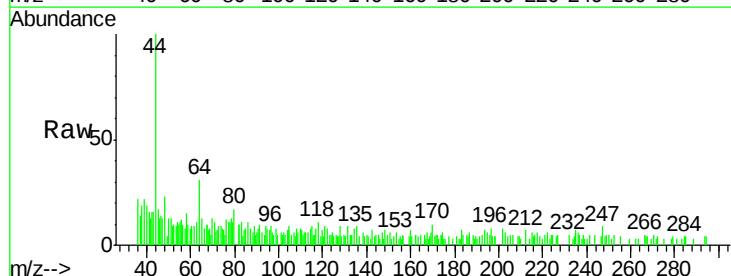
Tgt Ion:101 Resp: 421
Ion Ratio Lower Upper
101 100
103 89.8 50.4 75.6#

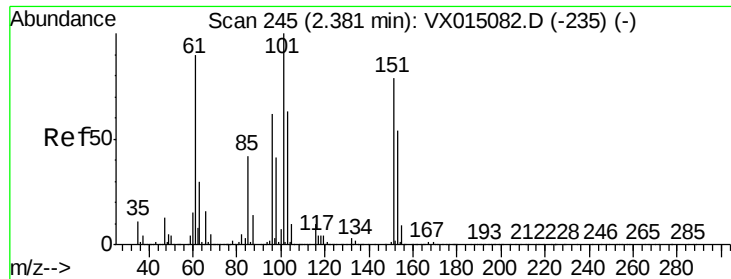


#8

Diethyl Ether
Concen: 0.118 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion: 74 Resp: 291
Ion Ratio Lower Upper
74 100
45 121.6 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.072 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.02 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200303

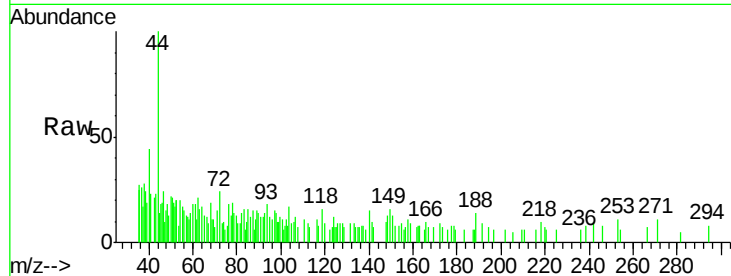
Tgt Ion:101 Resp: 246

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

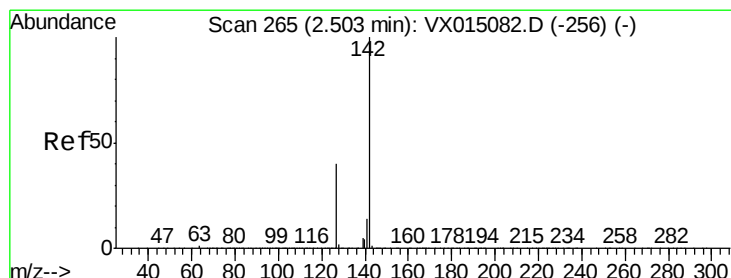
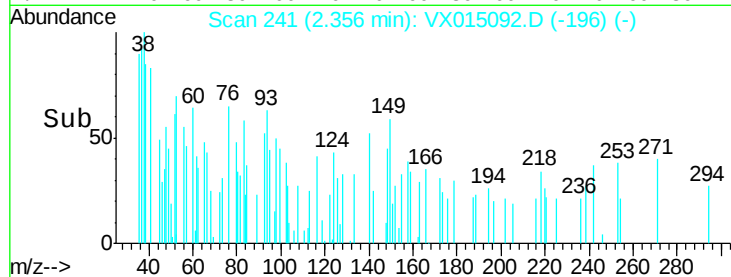
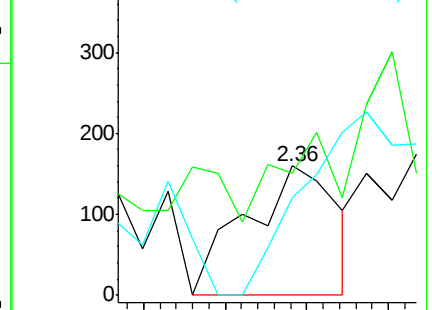
151 0.0 64.0 96.0#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.349 ug/l

RT: 2.52 min Scan# 268

Delta R.T. 0.02 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

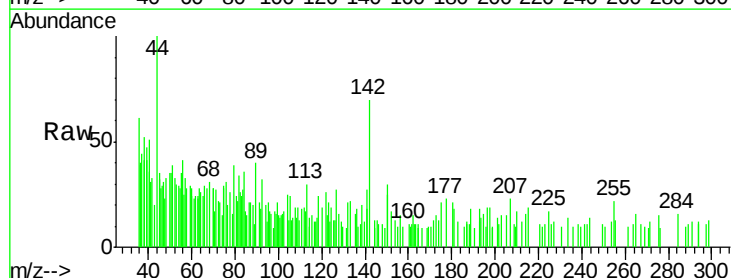
Tgt Ion:142 Resp: 1356

Ion Ratio Lower Upper

142 100

127 26.4 31.7 47.5#

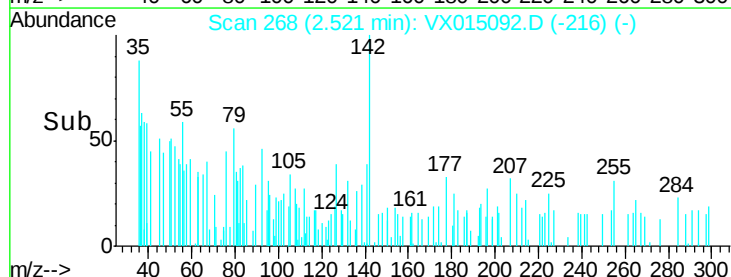
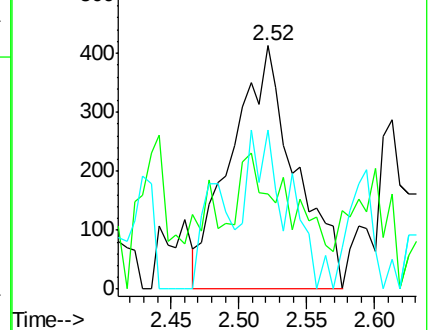
141 14.6 11.3 16.9

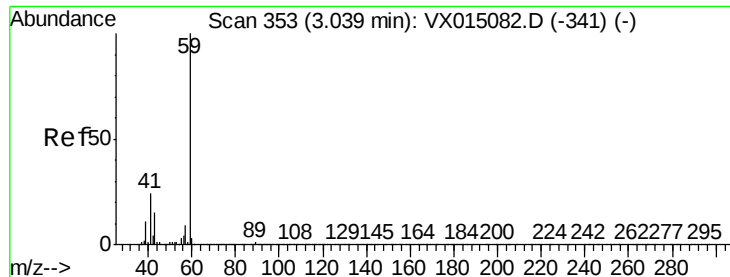


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

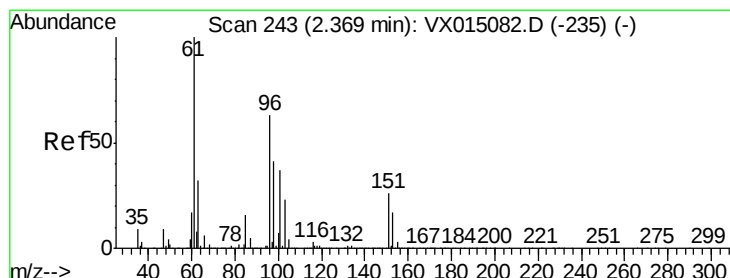
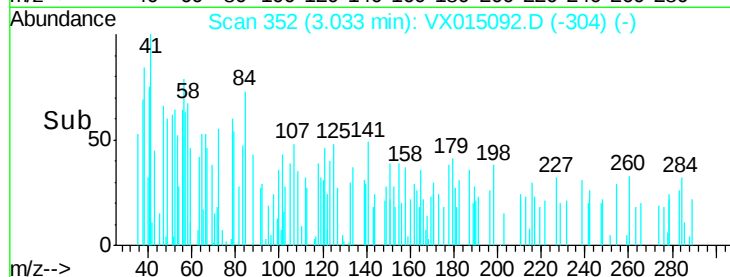
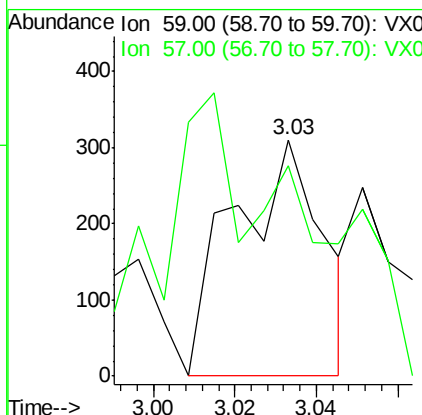
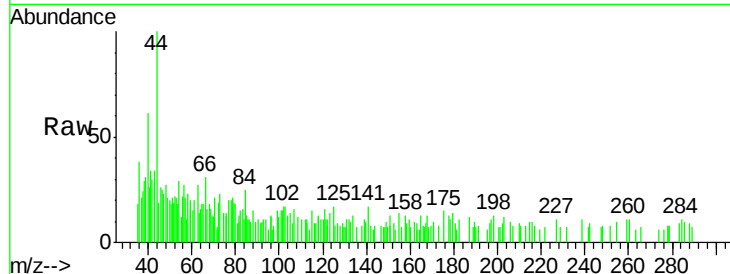




#11
Tert butyl alcohol
Concen: 0.629 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

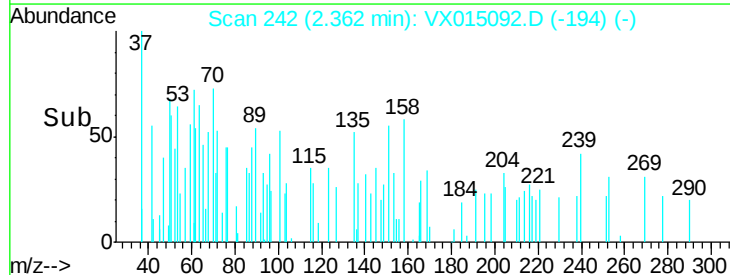
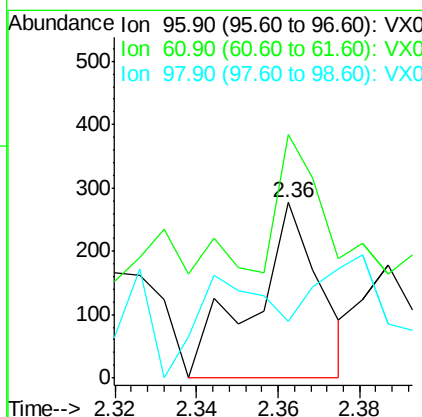
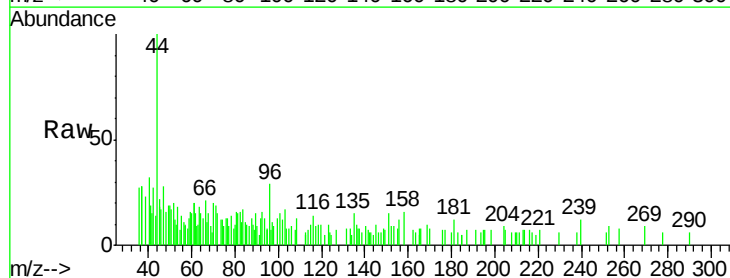
Instrument :
MSVOA_X
ClientSampled :
TB-01-200303

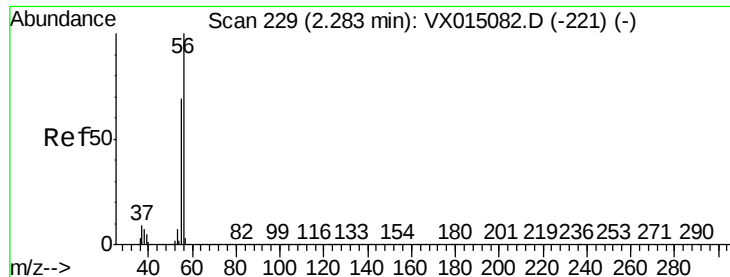
Tgt Ion: 59 Resp: 472
Ion Ratio Lower Upper
59 100
57 69.1 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.088 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion: 96 Resp: 312
Ion Ratio Lower Upper
96 100
61 79.4 126.2 189.4#
98 9.0 51.4 77.0#

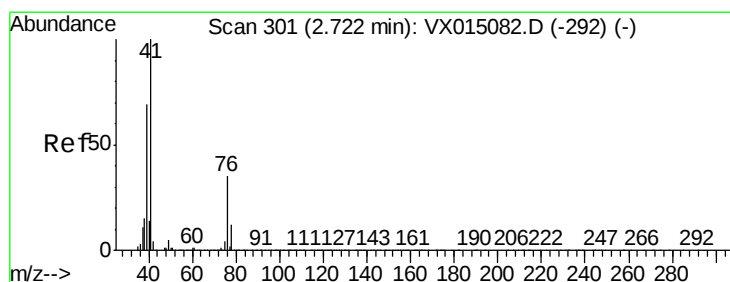
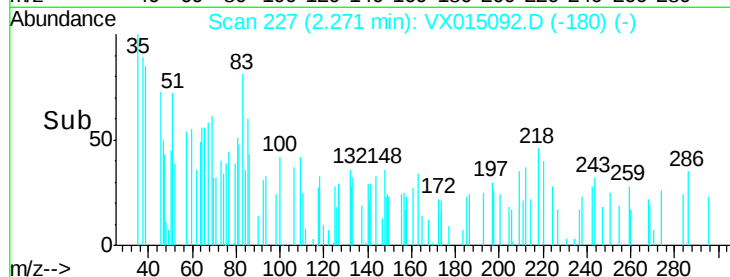
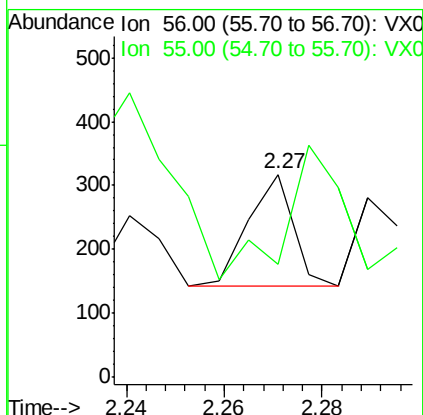
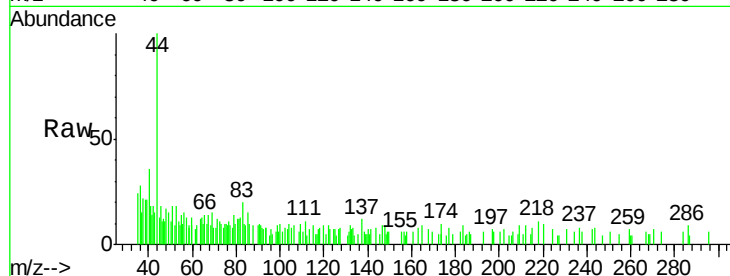




#13
Acrolein
Concen: 0.160 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

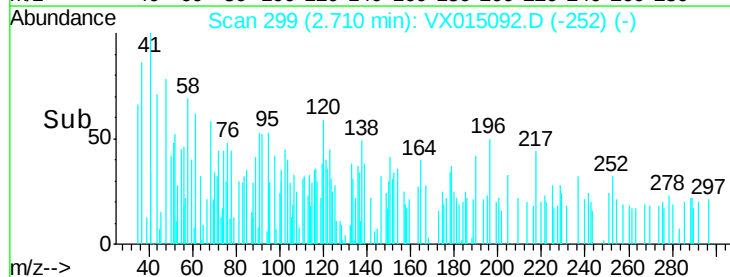
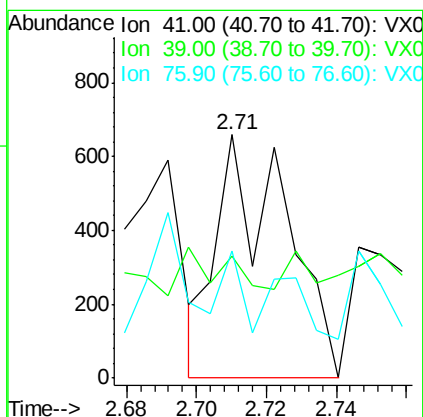
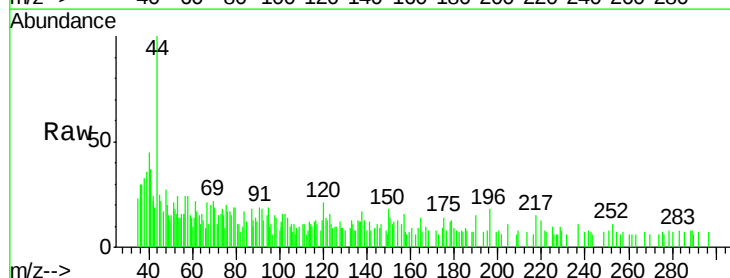
Instrument :
MSVOA_X
ClientSampleId :
TB-01-200303

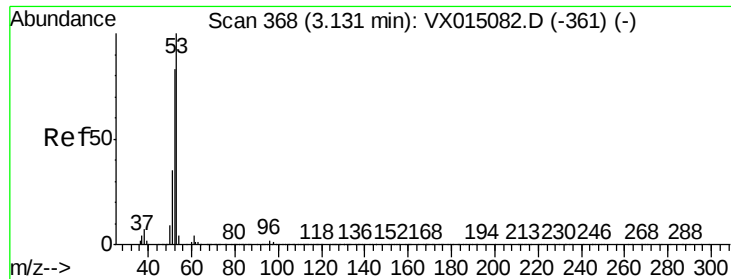
Tgt Ion: 56 Resp: 113
Ion Ratio Lower Upper
56 100
55 150.4 55.4 83.0#



#14
Allyl chloride
Concen: 0.145 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion: 41 Resp: 895
Ion Ratio Lower Upper
41 100
39 0.0 52.9 79.3#
76 0.0 26.8 40.2#

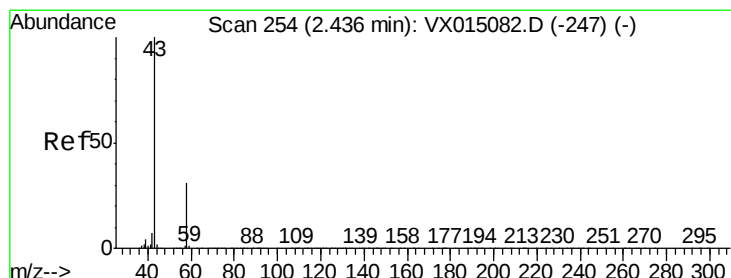
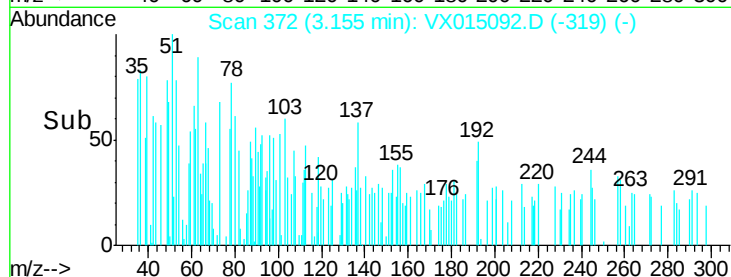
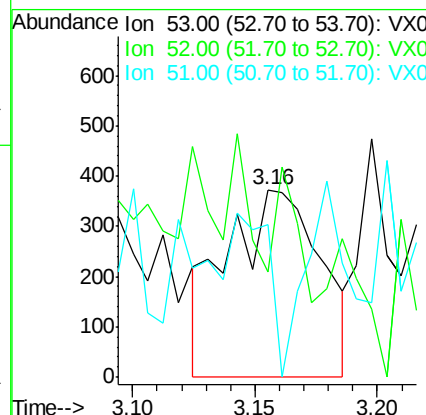
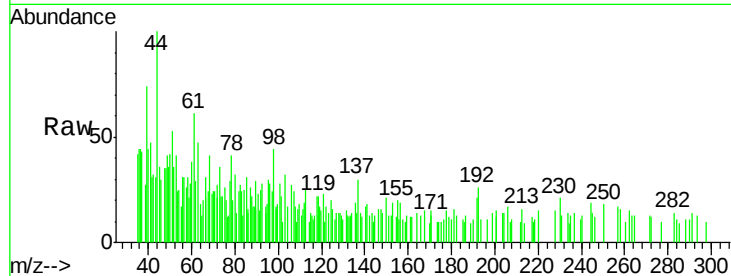




#15
Acrylonitrile
Concen: 0.529 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.02 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

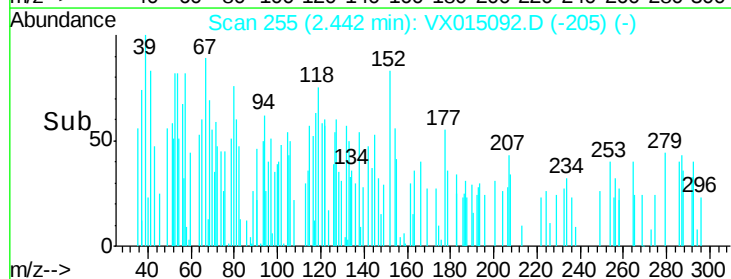
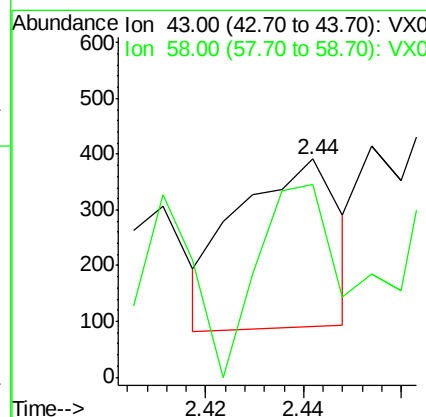
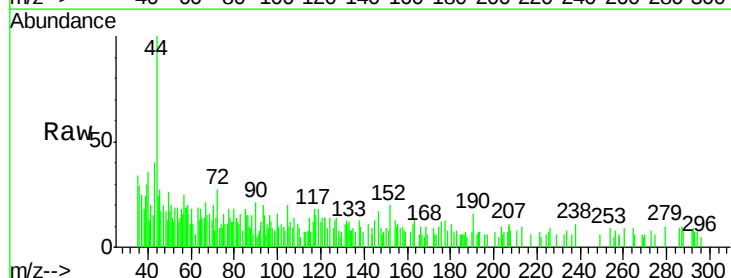
Instrument :
MSVOA_X
ClientSampleId :
TB-01-200303

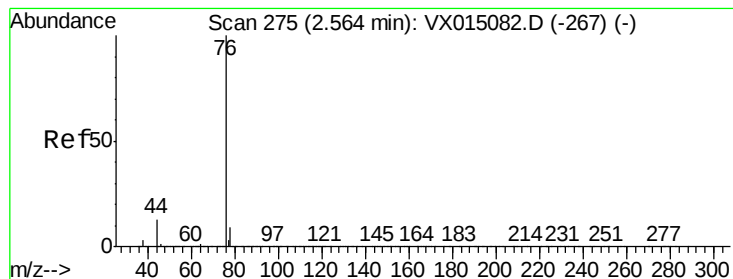
Tgt Ion: 53 Resp: 990
Ion Ratio Lower Upper
53 100
52 17.3 66.6 100.0#
51 34.1 29.0 43.6



#16
Acetone
Concen: 0.249 ug/l
RT: 2.44 min Scan# 255
Delta R.T. 0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
58 202.6 24.8 37.2#





#17

Carbon Disulfide

Concen: 0.176 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

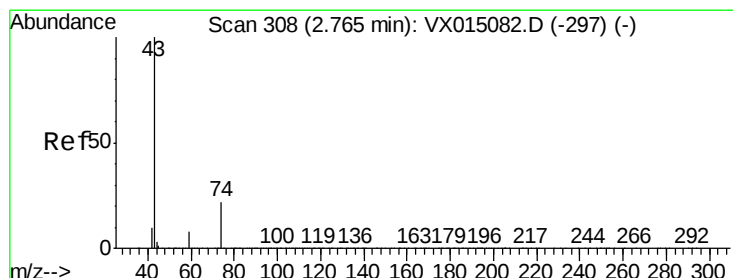
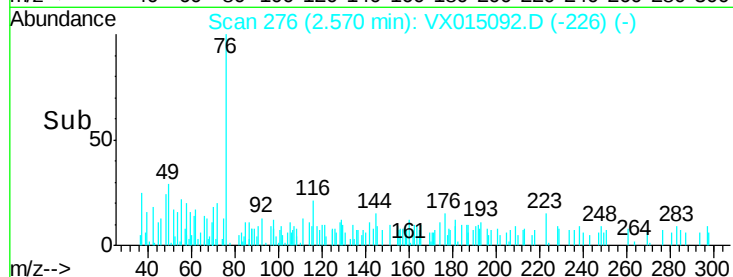
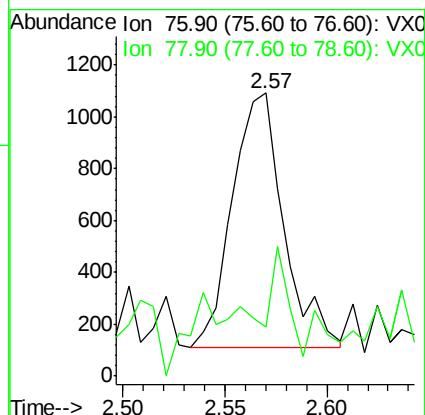
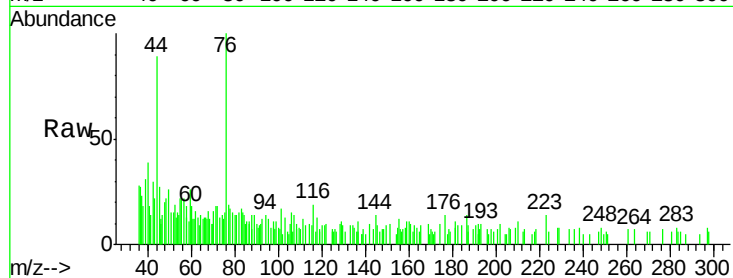
TB-01-200303

Tgt Ion: 76 Resp: 1730

Ion Ratio Lower Upper

76 100

78 6.2 7.3 10.9#



#18

Methyl Acetate

Concen: 0.209 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015092.D

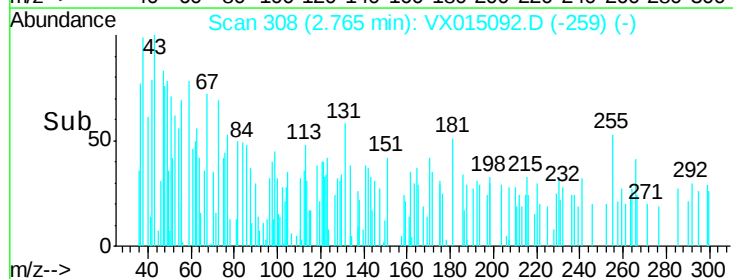
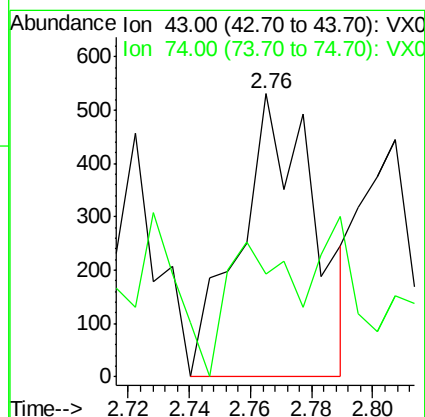
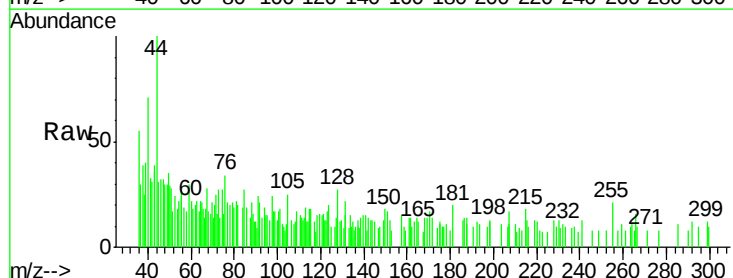
Acq: 04 Mar 2020 17:05

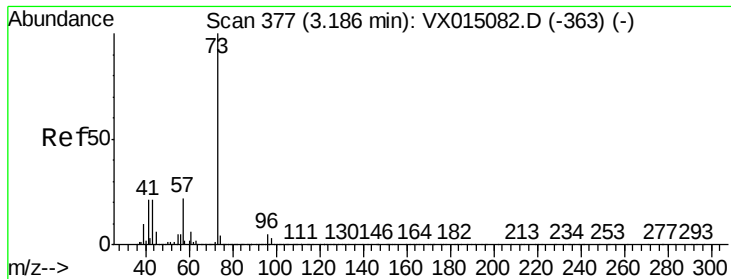
Tgt Ion: 43 Resp: 894

Ion Ratio Lower Upper

43 100

74 40.7 18.8 28.2#



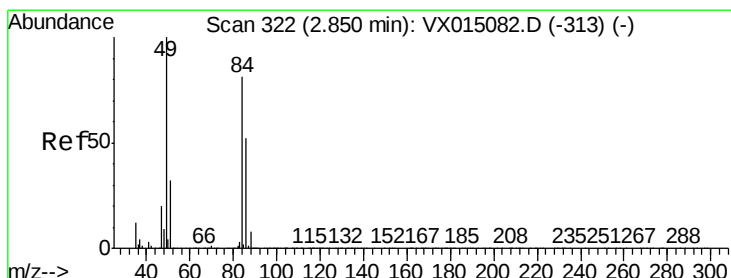
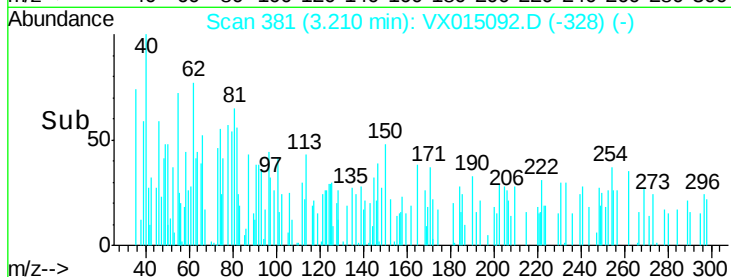
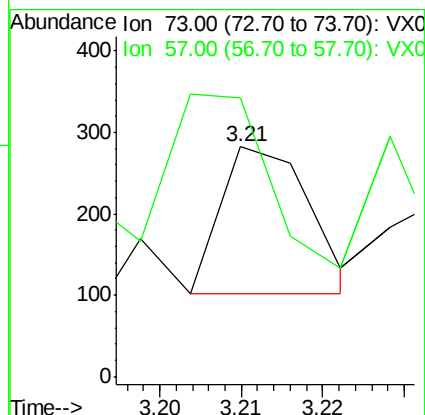
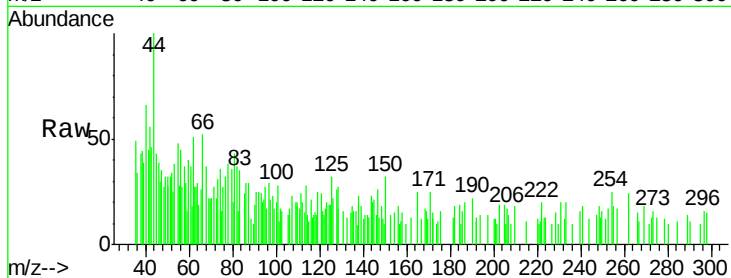


#19

Methyl tert-butyl Ether
Concen: 0.012 ug/l
RT: 3.21 min Scan# 381
Delta R.T. 0.02 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200303

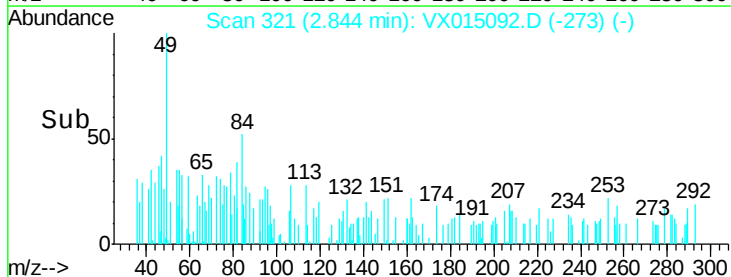
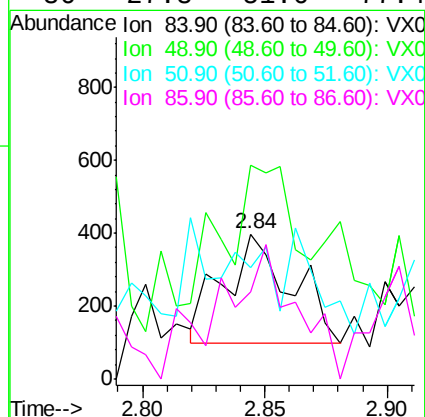
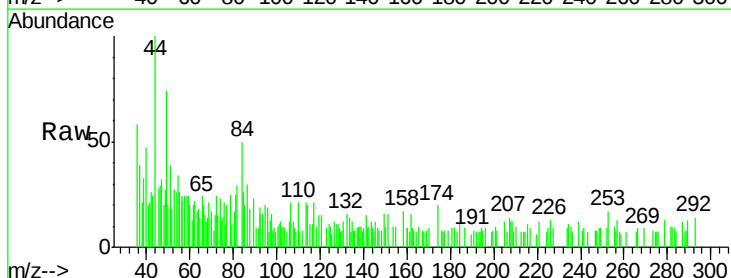
Tgt Ion: 73 Resp: 136
Ion Ratio Lower Upper
73 100
57 64.4 17.8 26.6#

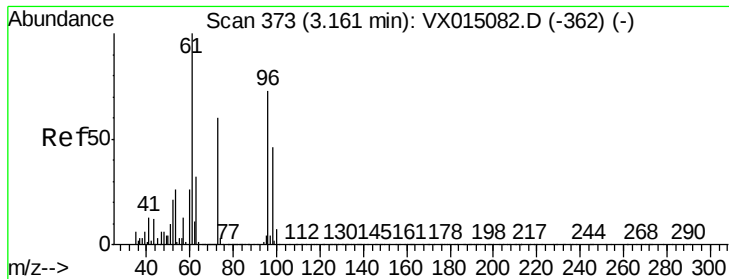


#20

Methylene Chloride
Concen: 0.139 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion: 84 Resp: 572
Ion Ratio Lower Upper
84 100
49 126.8 99.4 149.2
51 78.6 31.5 47.3#
86 27.8 51.6 77.4#





#21

trans-1,2-Dichloroethene

Concen: 0.099 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200303

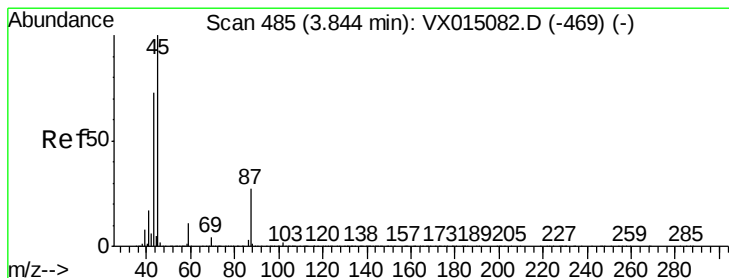
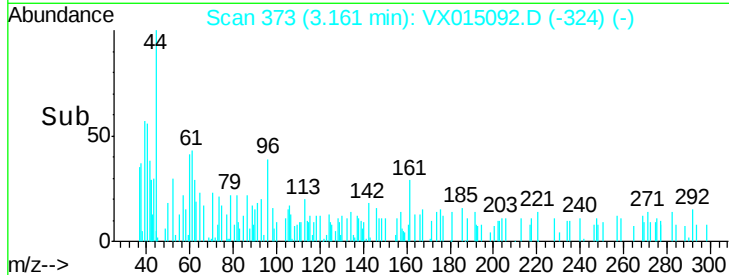
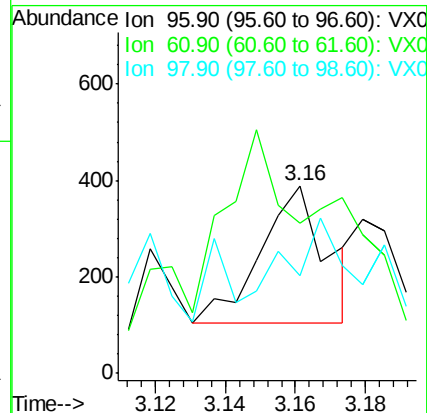
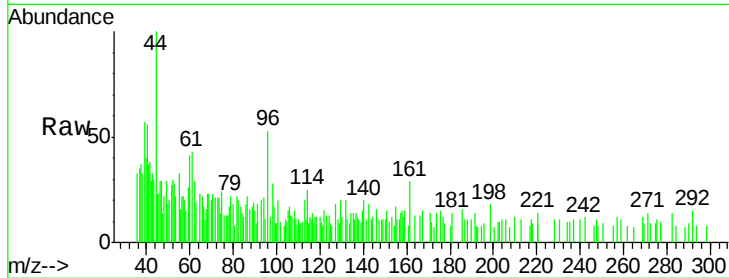
Tgt Ion: 96 Resp: 373

Ion Ratio Lower Upper

96 100

61 65.6 109.9 164.9#

98 33.7 50.2 75.2#



#22

Diisopropyl ether

Concen: 0.064 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Tgt Ion: 45 Resp: 782

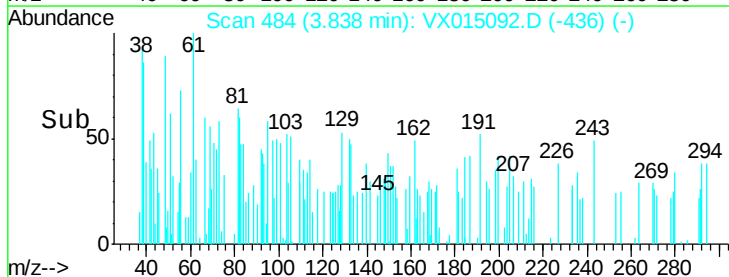
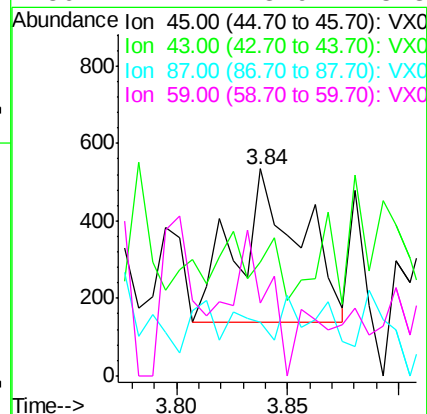
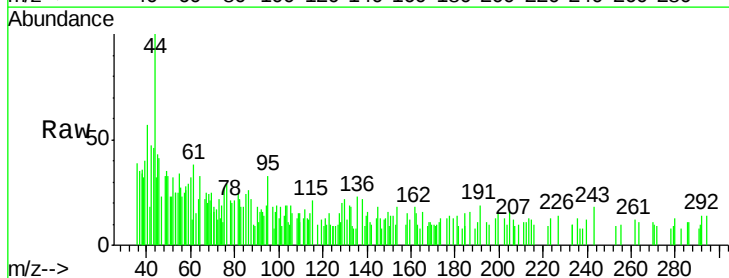
Ion Ratio Lower Upper

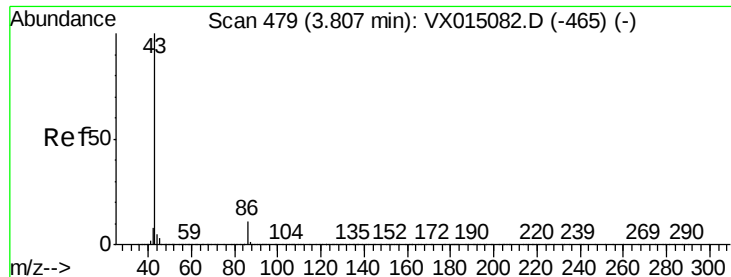
45 100

43 28.2 58.2 87.2#

87 12.7 21.2 31.8#

59 14.2 8.9 13.3#





#23

Vinyl Acetate

Concen: 0.023 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.02 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

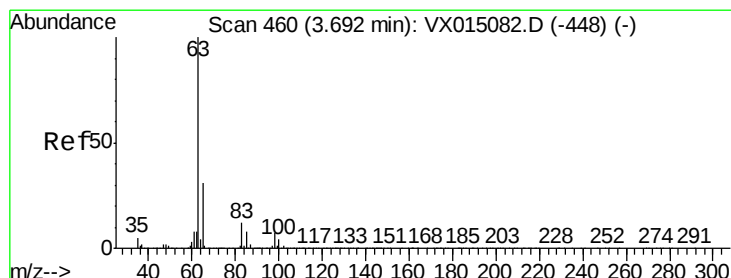
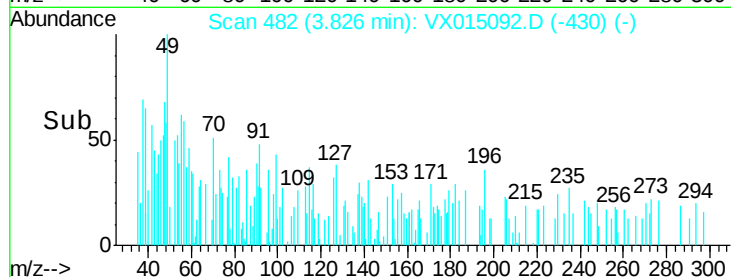
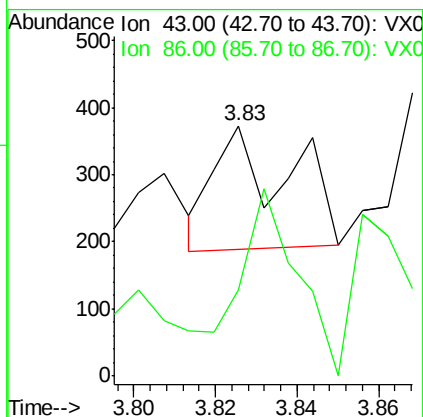
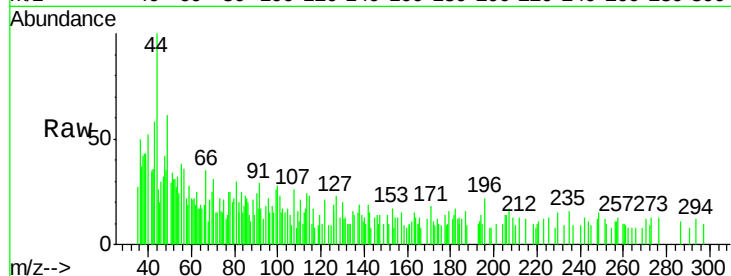
TB-01-200303

Tgt Ion: 43 Resp: 233

Ion Ratio Lower Upper

43 100

86 34.8 8.6 12.8#



#24

1,1-Dichloroethane

Concen: 0.051 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.02 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

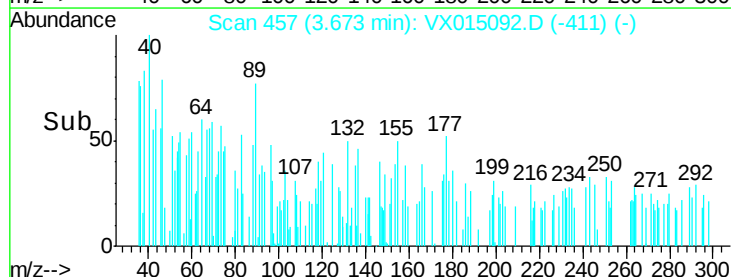
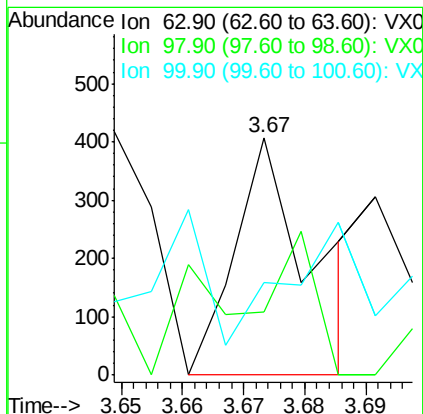
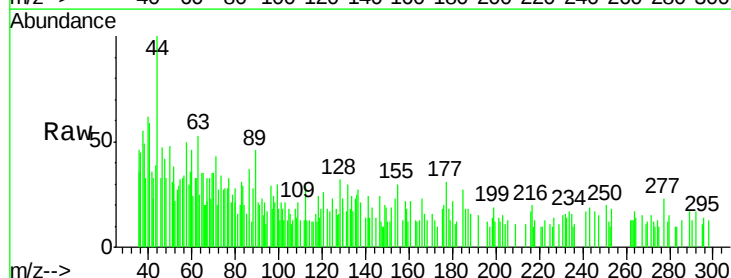
Tgt Ion: 63 Resp: 347

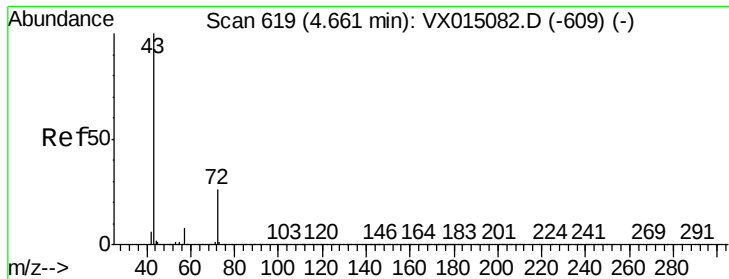
Ion Ratio Lower Upper

63 100

98 40.7 3.7 11.1#

100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 0.106 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampled :

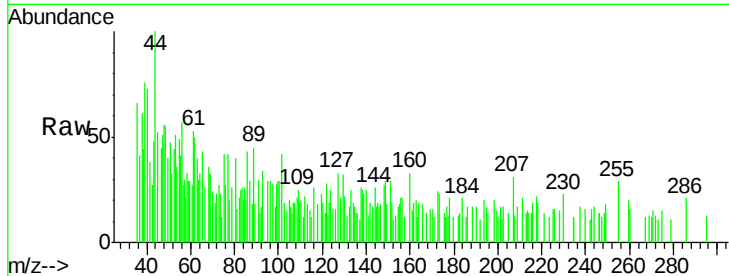
TB-01-200303

Tgt Ion: 43 Resp: 272

Ion Ratio Lower Upper

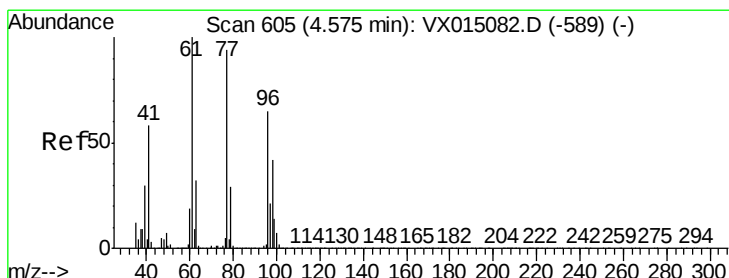
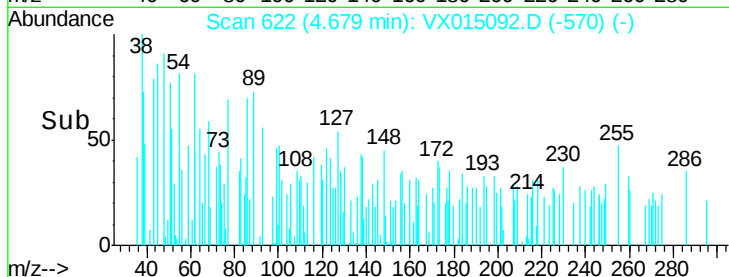
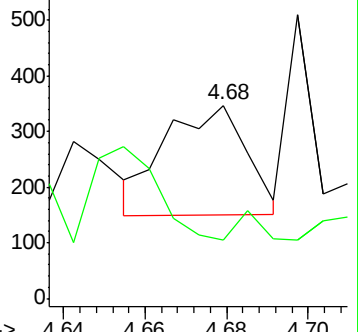
43 100

72 0.0 20.6 30.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.021 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015092.D

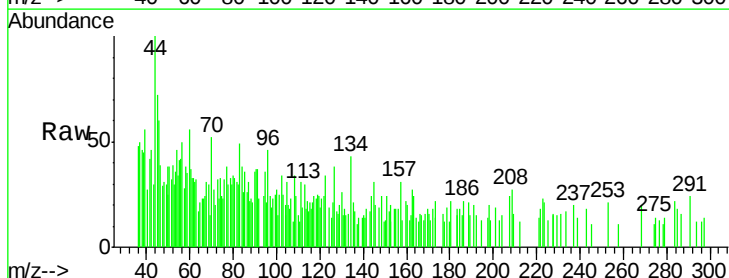
Acq: 04 Mar 2020 17:05

Tgt Ion: 77 Resp: 114

Ion Ratio Lower Upper

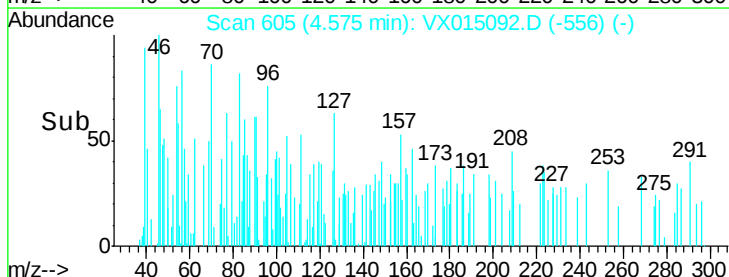
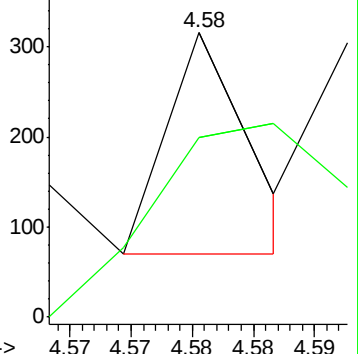
77 100

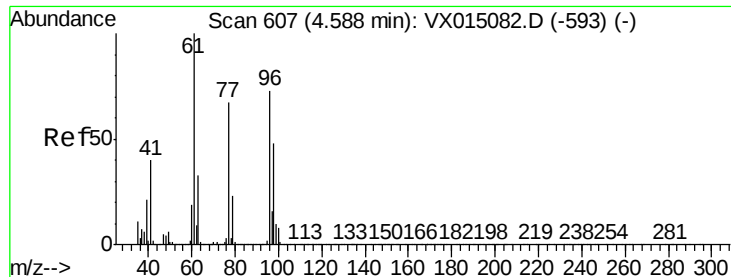
97 234.2 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



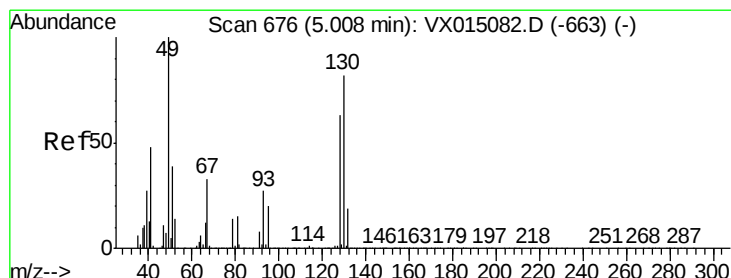
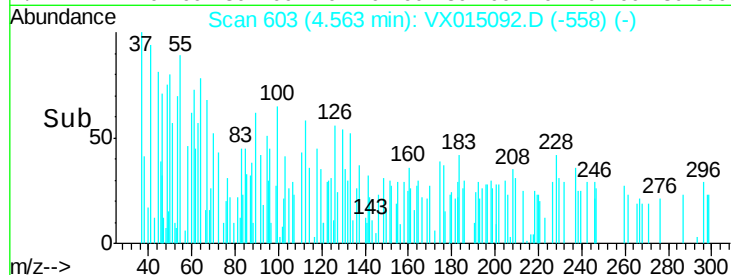
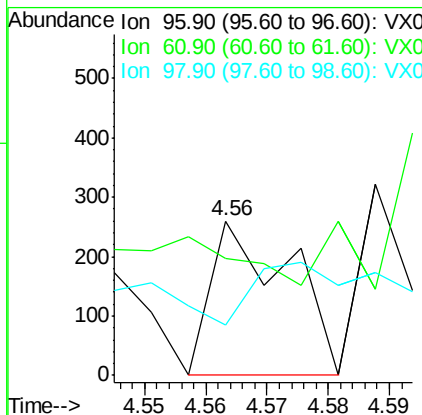
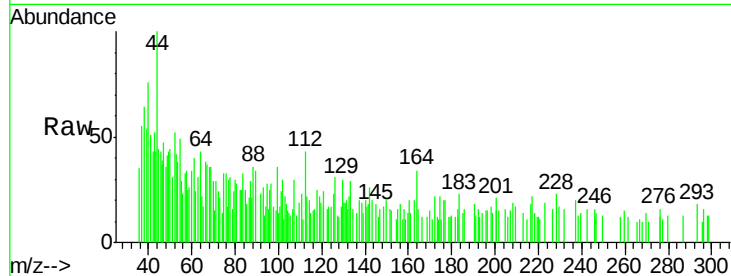


#27

cis-1,2-Dichloroethene
 Concen: 0.054 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. -0.02 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

Instrument :
 MSVOA_X
 ClientSampled :
 TB-01-200303

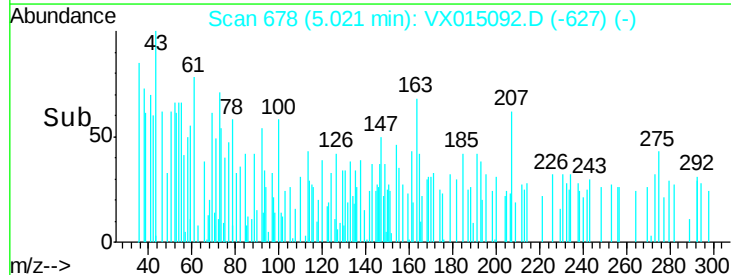
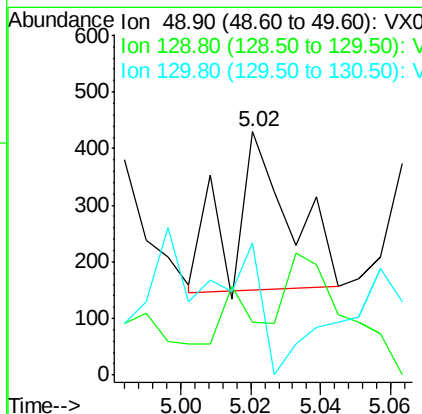
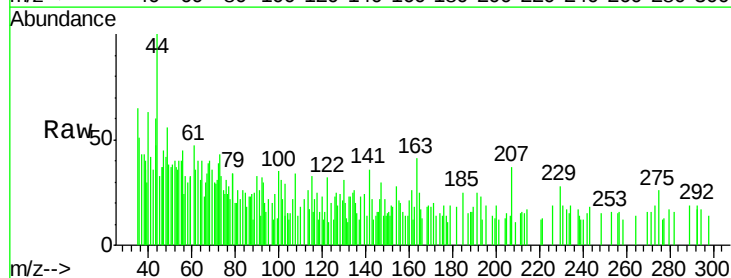
Tgt Ion: 96 Resp: 229
 Ion Ratio Lower Upper
 96 100
 61 172.1 0.0 286.8
 98 65.5 0.0 128.4

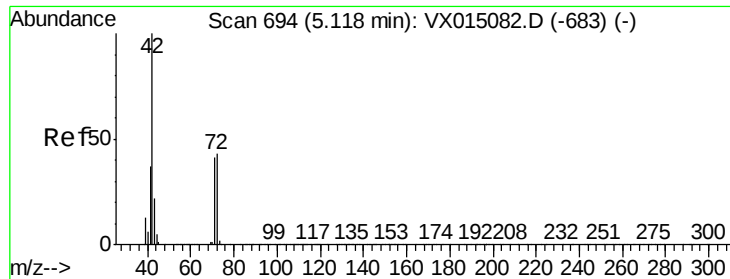


#28

Bromochloromethane
 Concen: 0.104 ug/l
 RT: 5.02 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

Tgt Ion: 49 Resp: 323
 Ion Ratio Lower Upper
 49 100
 129 115.8 0.0 4.4#
 130 0.0 65.0 97.6#





#29

Tetrahydrofuran

Concen: 0.239 ug/l

RT: 5.28 min Scan# 721

Delta R.T. 0.16 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200303

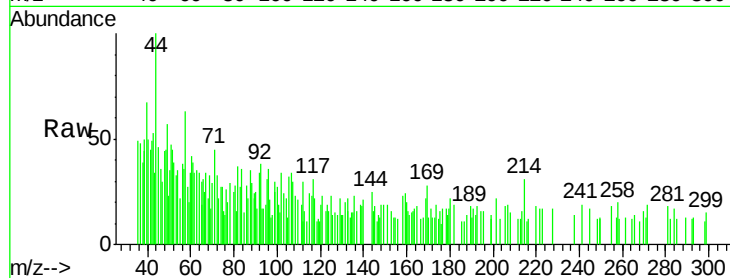
Tgt Ion: 42 Resp: 396

Ion Ratio Lower Upper

42 100

72 54.3 36.4 54.6

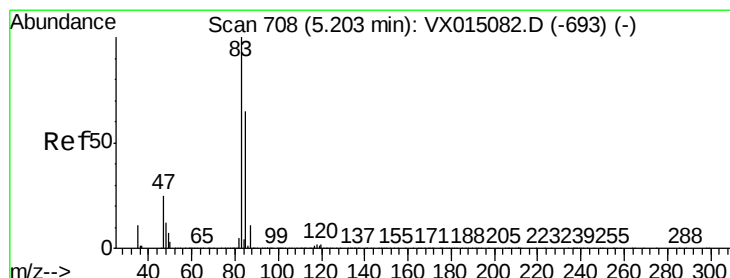
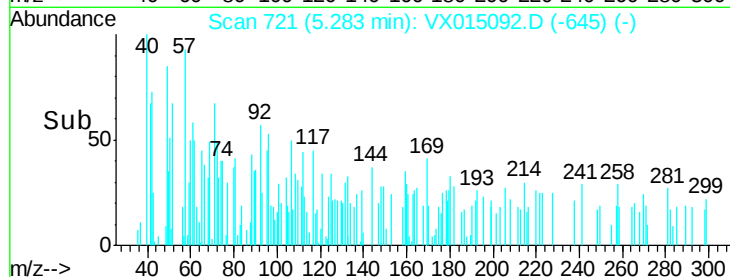
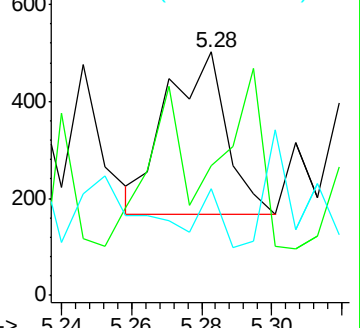
71 41.7 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.041 ug/l

RT: 5.26 min Scan# 718

Delta R.T. 0.06 min

Lab File: VX015092.D

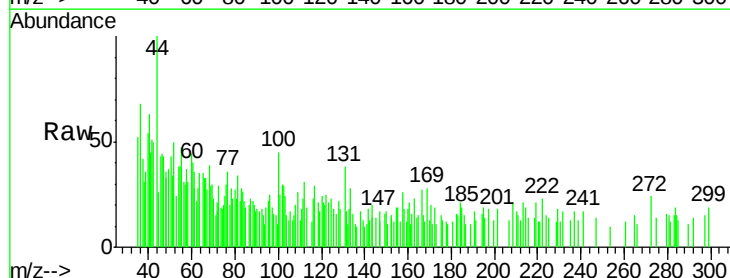
Acq: 04 Mar 2020 17:05

Tgt Ion: 83 Resp: 276

Ion Ratio Lower Upper

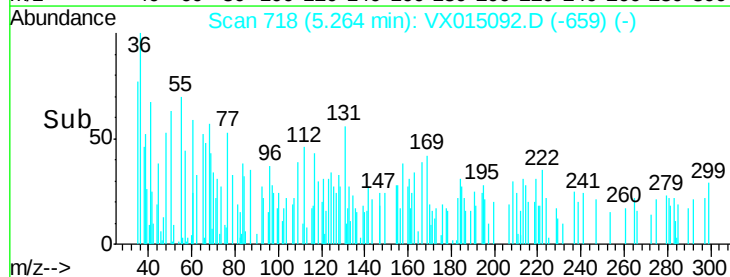
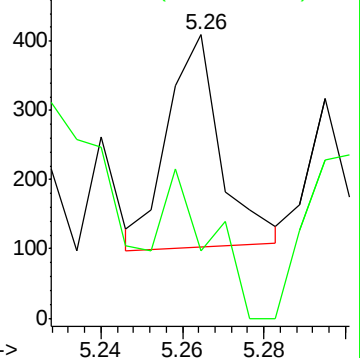
83 100

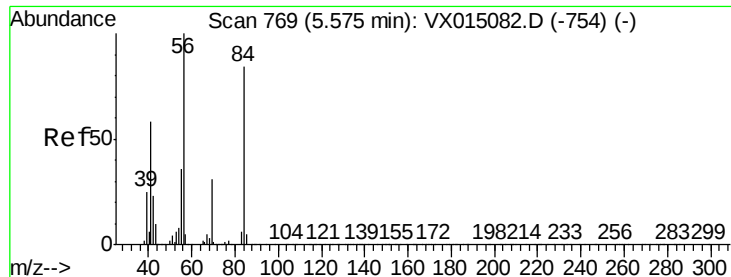
85 54.5 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

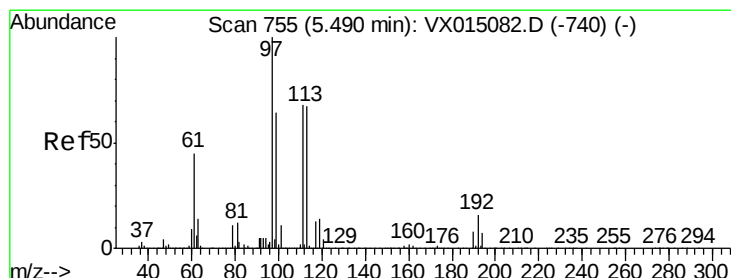
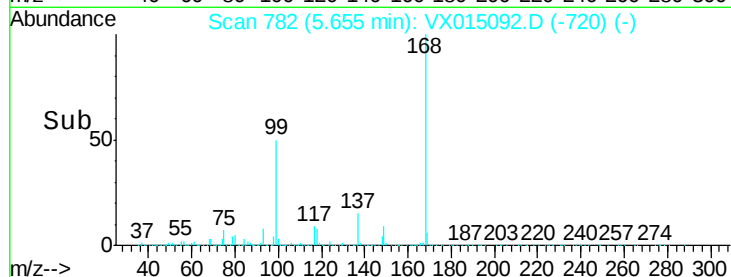
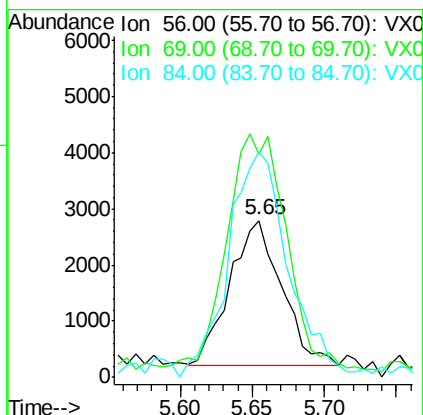
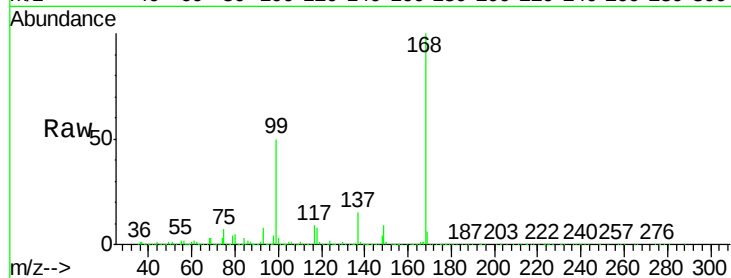




#31
Cyclohexane
Concen: 1.060 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.08 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

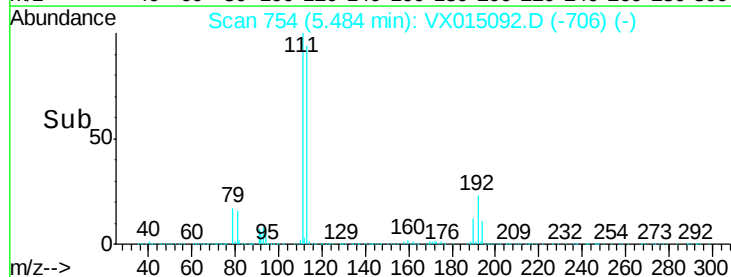
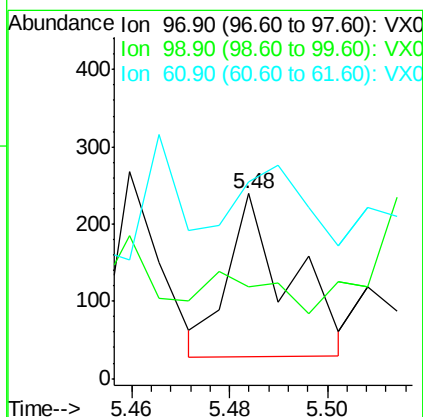
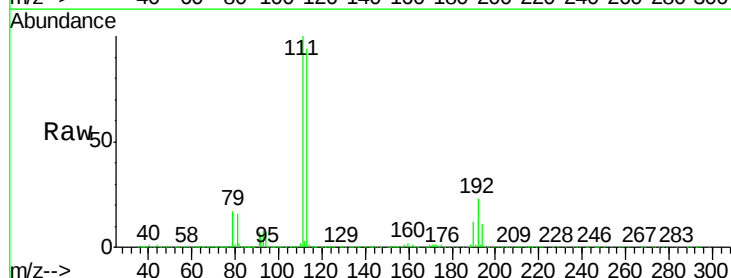
Instrument :
MSVOA_X
ClientSampleId :
TB-01-200303

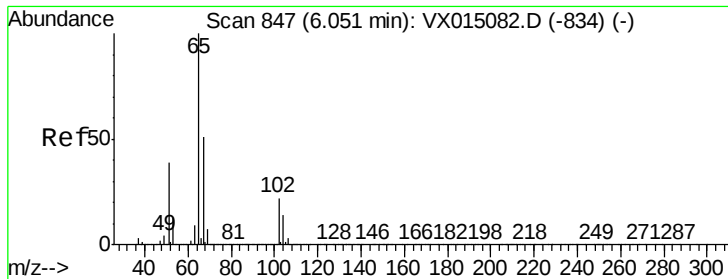
Tgt Ion: 56 Resp: 6460
Ion Ratio Lower Upper
56 100
69 144.2 25.0 37.6#
84 148.2 67.6 101.4#



#32
1,1,1-Trichloroethane
Concen: 0.034 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion: 97 Resp: 185
Ion Ratio Lower Upper
97 100
99 0.0 52.8 79.2#
61 0.0 36.6 54.8#





#33

1,2-Dichloroethane-d4

Concen: 48.804 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

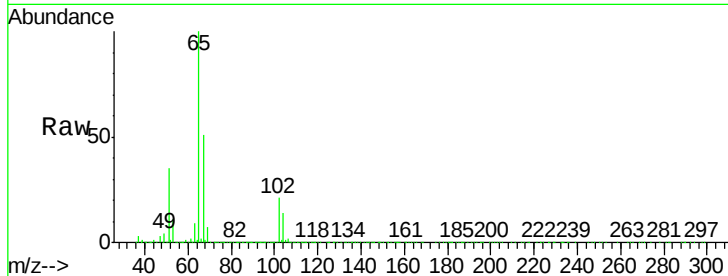
TB-01-200303

Tgt Ion: 65 Resp: 211196

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

60000

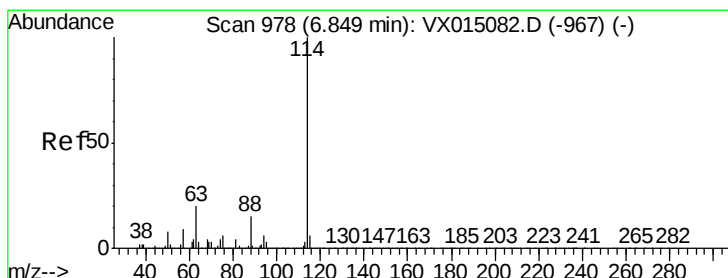
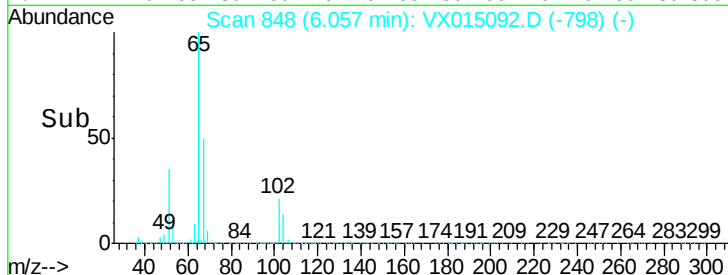
40000

20000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

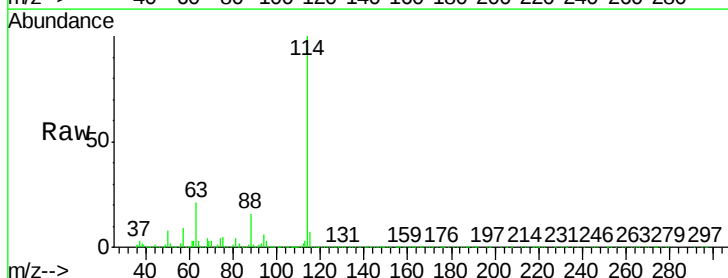
Tgt Ion: 114 Resp: 578472

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 16.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

300000

250000

200000

150000

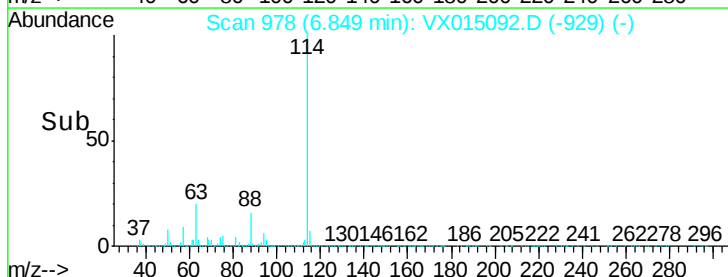
100000

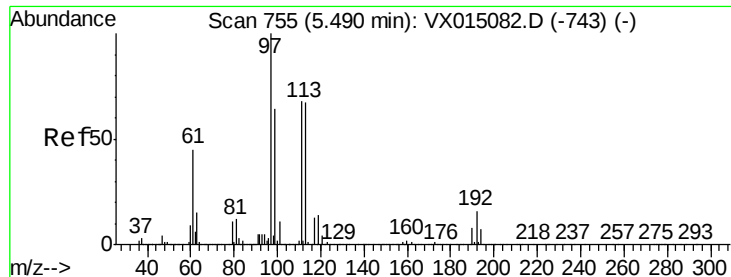
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 47.999 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200303

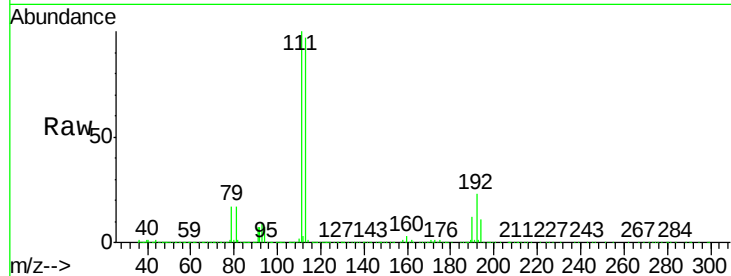
Tgt Ion:113 Resp: 175166

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

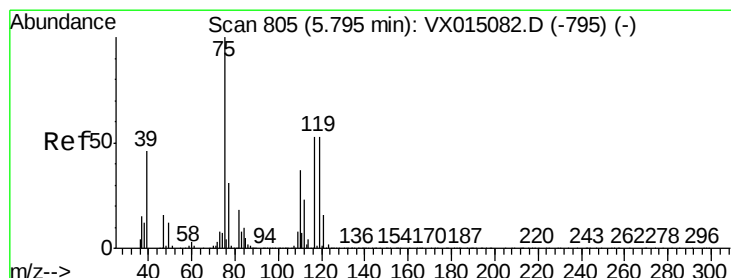
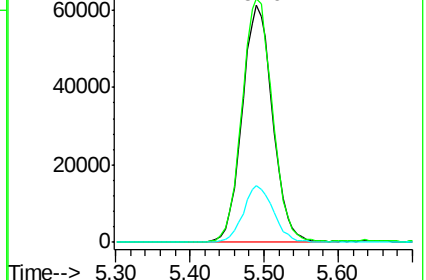
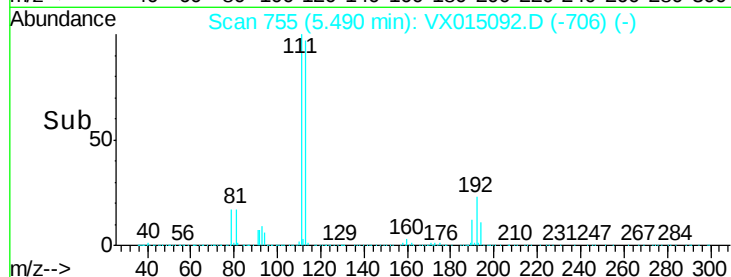
192 23.9 18.6 28.0



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: 4.747 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.14 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

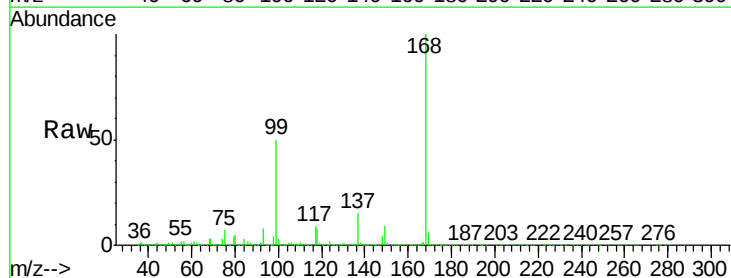
Tgt Ion: 75 Resp: 25387

Ion Ratio Lower Upper

75 100

110 9.5 17.9 53.8#

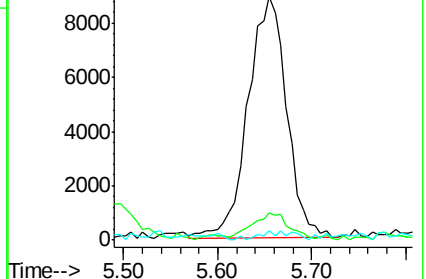
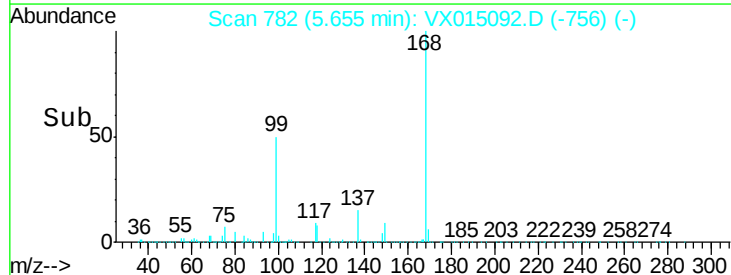
77 1.5 24.8 37.2#

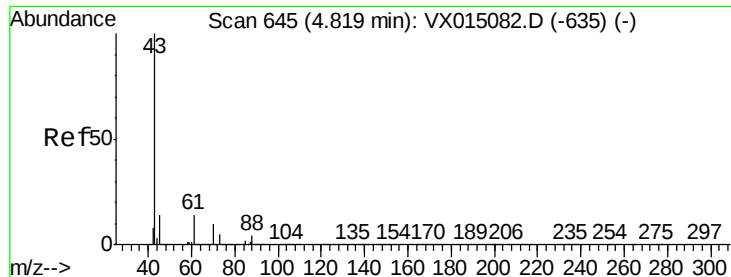


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

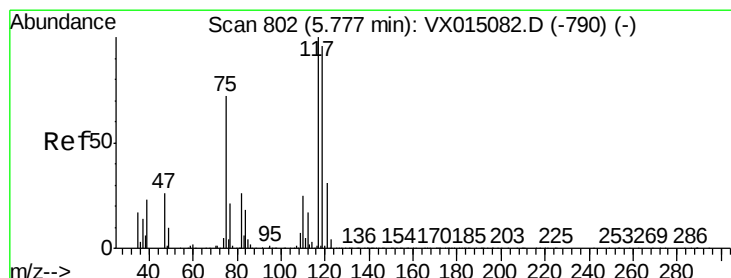
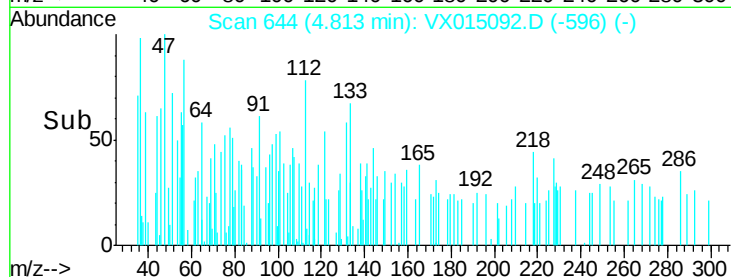
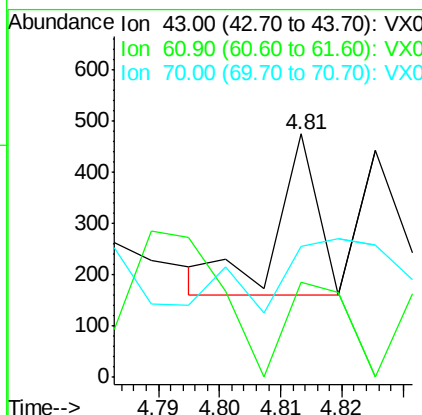
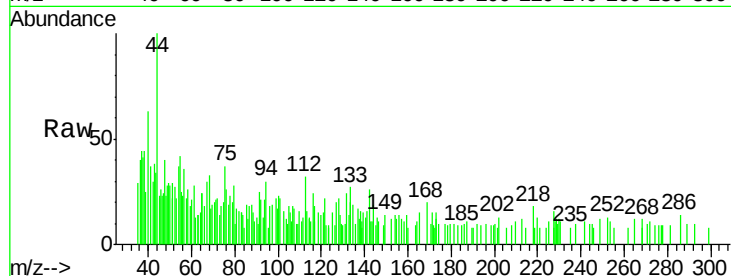




#37
Ethyl Acetate
Concen: 0.030 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

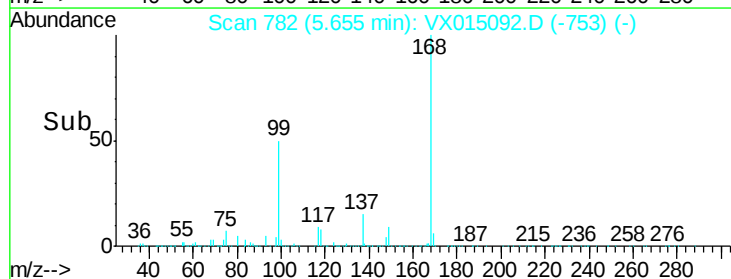
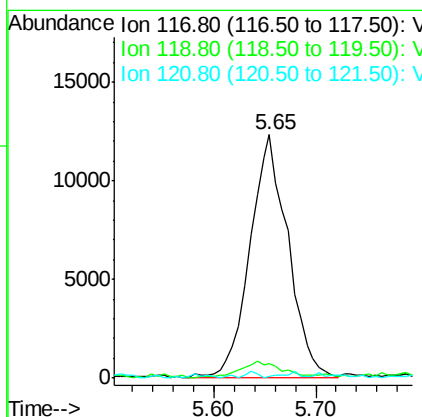
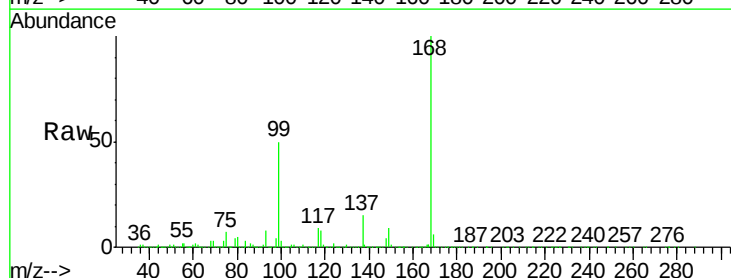
Instrument :
MSVOA_X
ClientSampled :
TB-01-200303

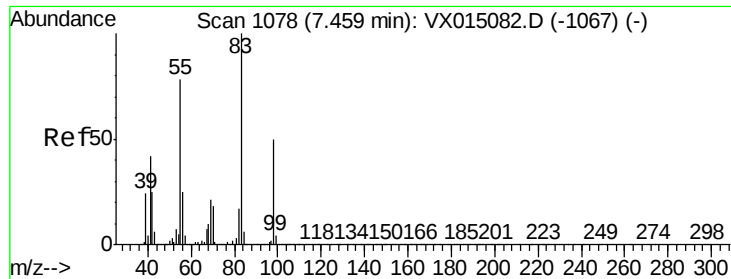
Tgt Ion: 43 Resp: 147
Ion Ratio Lower Upper
43 100
61 87.8 11.0 16.4#
70 182.3 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 6.355 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion: 117 Resp: 32081
Ion Ratio Lower Upper
117 100
119 5.8 76.9 115.3#
121 0.0 24.6 37.0#

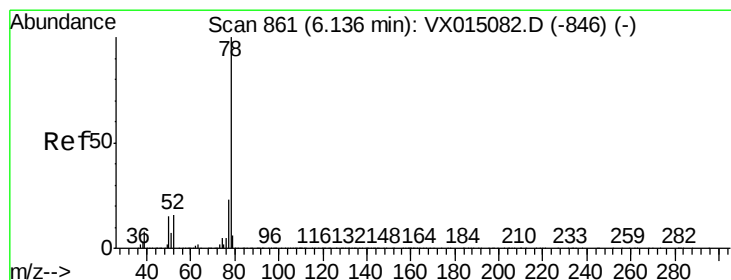
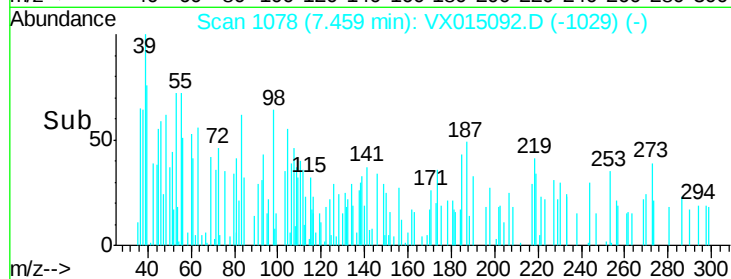
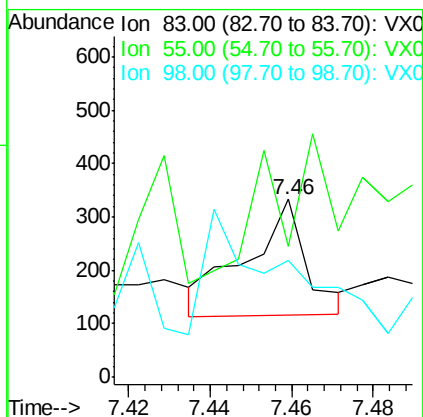
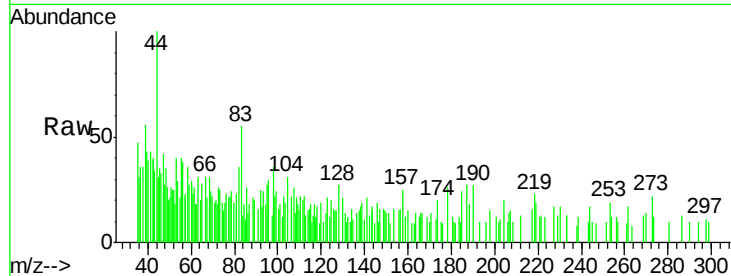




#39
Methylcyclohexane
Concen: 0.036 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

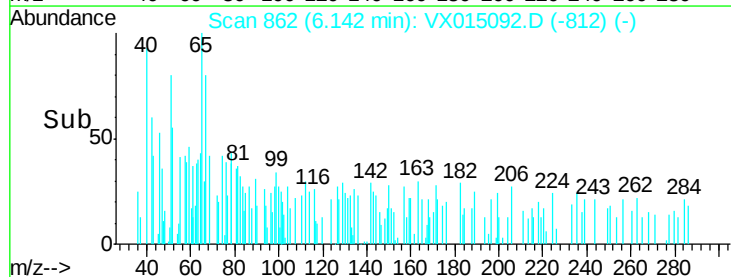
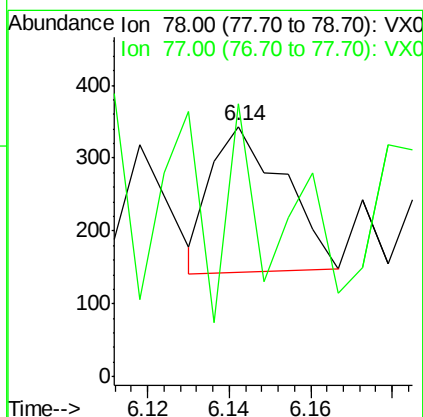
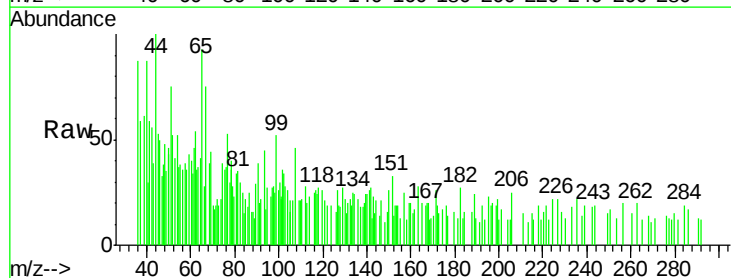
Instrument :
MSVOA_X
ClientSampled :
TB-01-200303

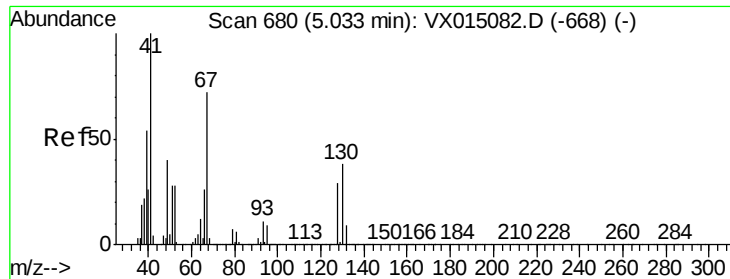
Tgt Ion: 83 Resp: 225
Ion Ratio Lower Upper
83 100
55 40.0 62.4 93.6#
98 79.4 39.7 59.5#



#40
Benzene
Concen: 0.016 ug/l
RT: 6.14 min Scan# 862
Delta R.T. 0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion: 78 Resp: 249
Ion Ratio Lower Upper
78 100
77 132.8 18.6 28.0#

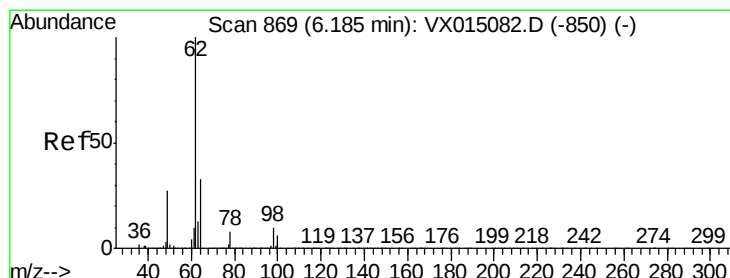
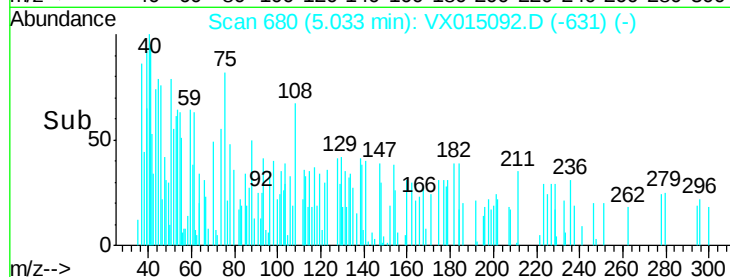
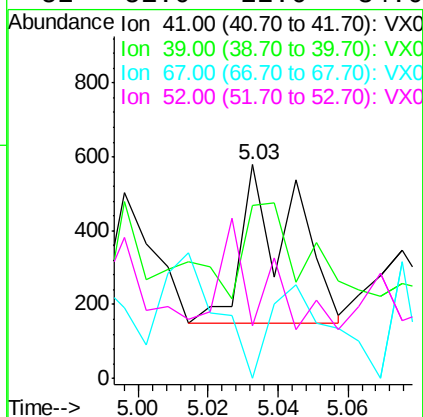
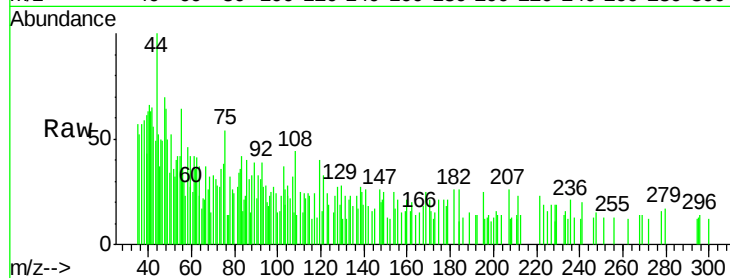




#41
Methacrylonitrile
Concen: 0.151 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

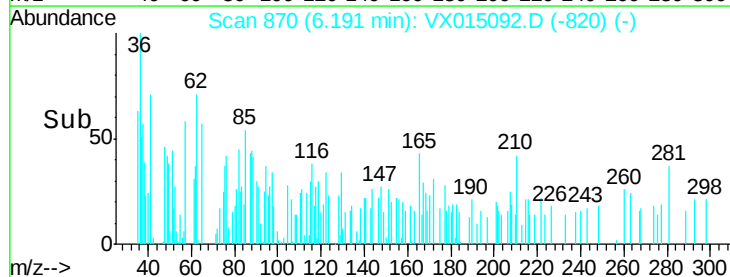
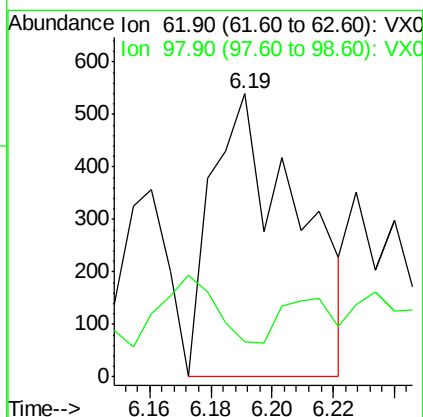
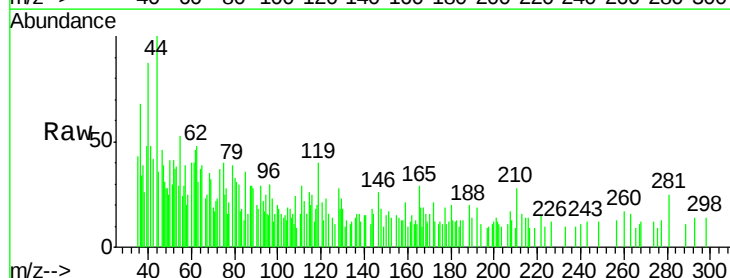
Instrument :
MSVOA_X
ClientSampleId :
TB-01-200303

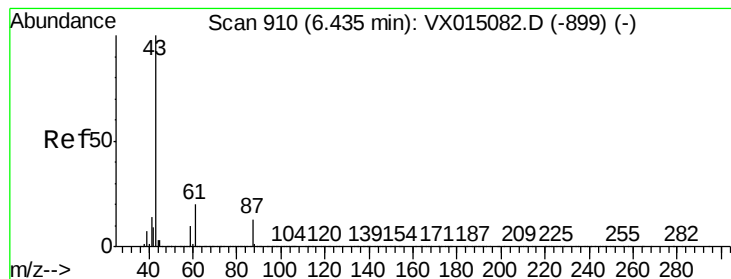
Tgt Ion:	41	Resp:	451
Ion	Ratio	Lower	Upper
41	100		
39	70.7	43.9	65.9#
67	68.1	57.8	86.8
52	51.0	22.6	34.0#



#42
1,2-Dichloroethane
Concen: 0.192 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion:	62	Resp:	1047
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 0.038 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampled :

TB-01-200303

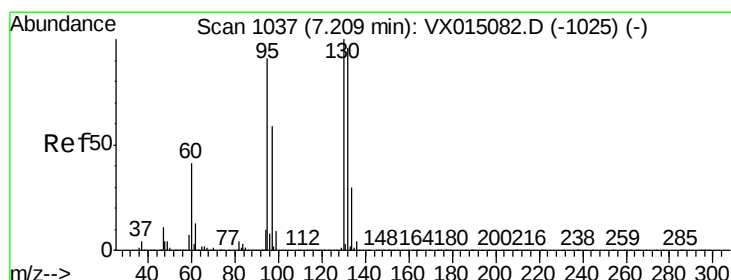
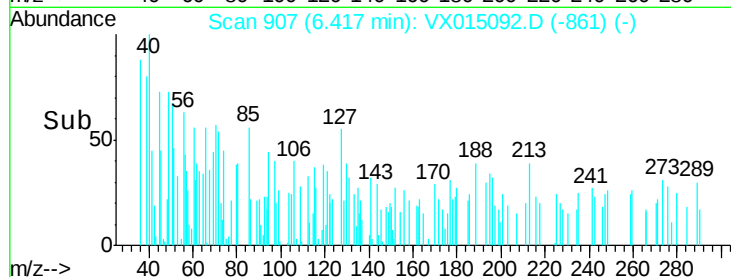
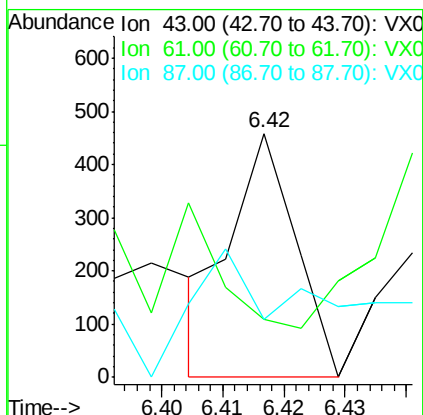
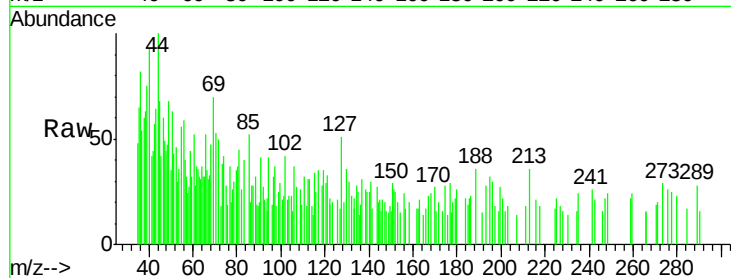
Tgt Ion: 43 Resp: 332

Ion Ratio Lower Upper

43 100

61 0.0 16.1 24.1#

87 86.7 10.6 16.0#



#44

Trichloroethene

Concen: 0.168 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015092.D

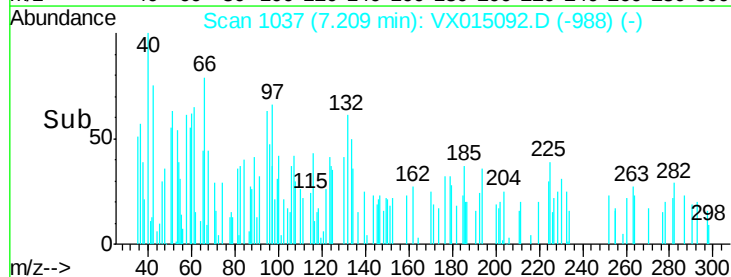
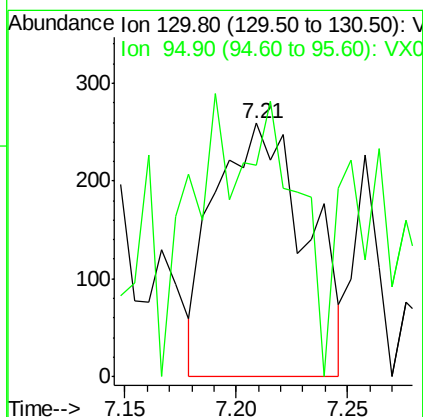
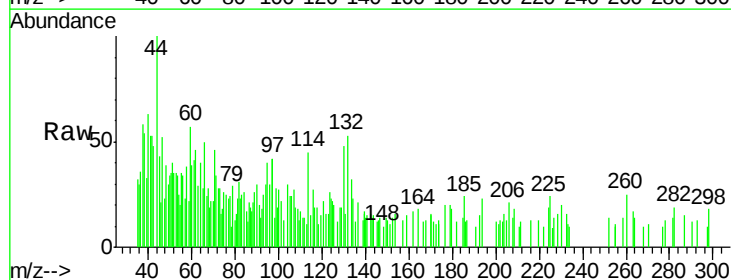
Acq: 04 Mar 2020 17:05

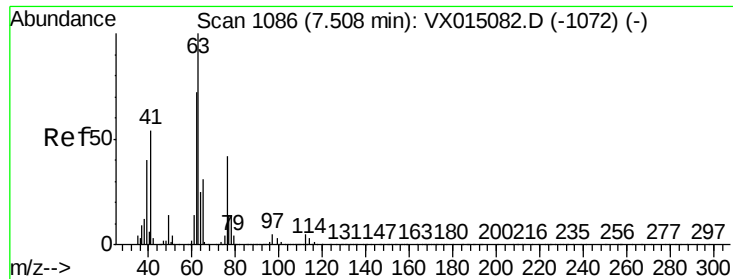
Tgt Ion: 130 Resp: 743

Ion Ratio Lower Upper

130 100

95 17.0 0.0 181.2

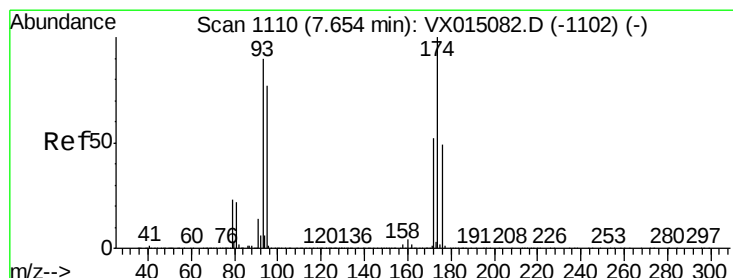
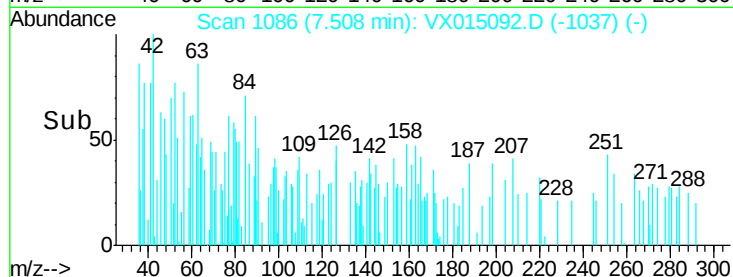
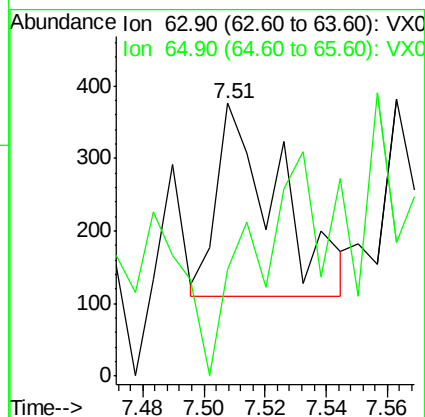
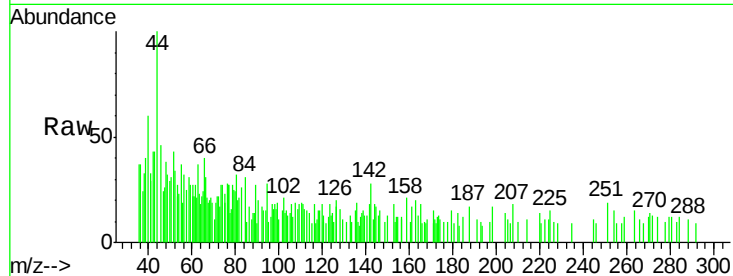




#45
 1,2-Dichloropropane
 Concen: 0.090 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

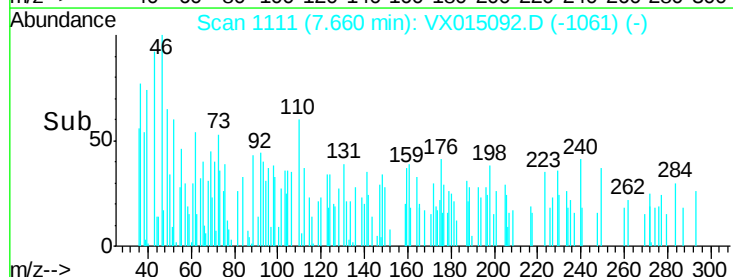
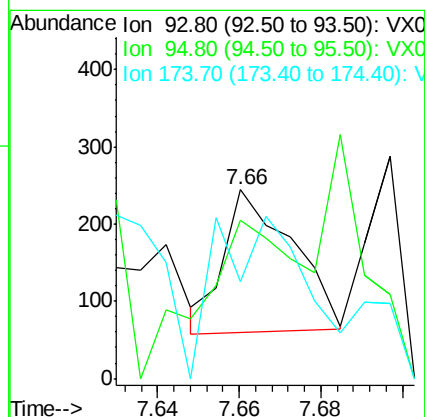
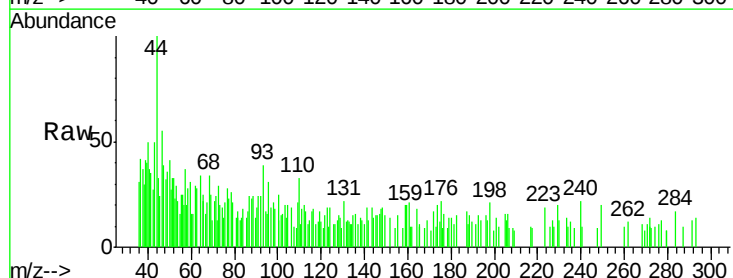
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200303

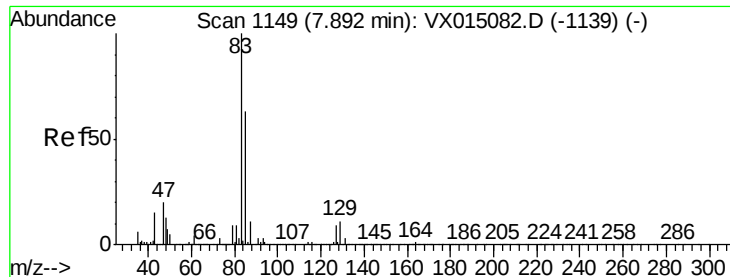
Tgt Ion: 63 Resp: 369
 Ion Ratio Lower Upper
 63 100
 65 5.6 24.6 36.8#



#46
 Dibromomethane
 Concen: 0.081 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

Tgt Ion: 93 Resp: 216
 Ion Ratio Lower Upper
 93 100
 95 106.5 67.8 101.8#
 174 181.0 91.0 136.4#





#47

Bromodichloromethane

Concen: 0.109 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200303

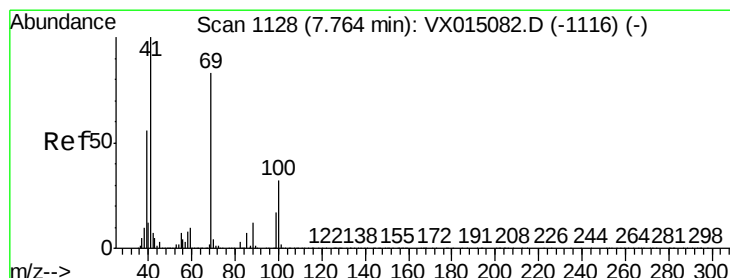
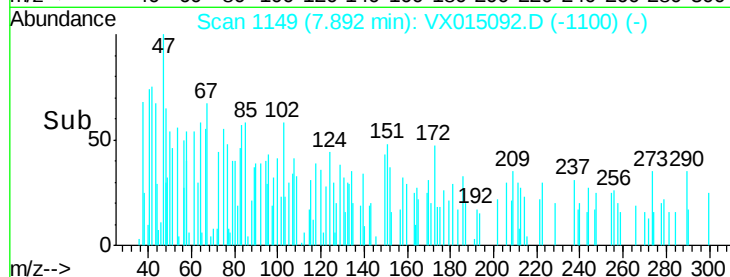
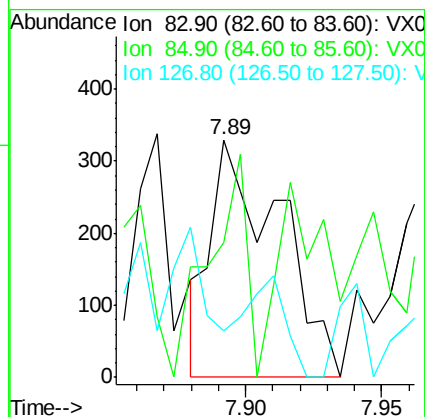
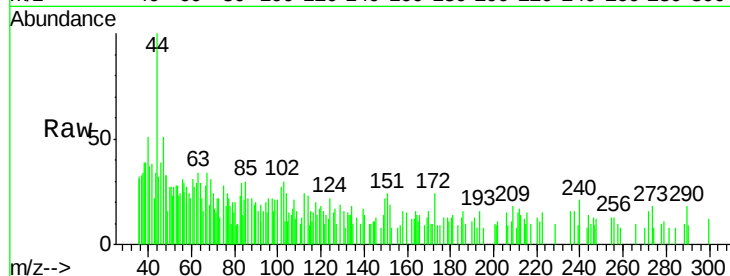
Tgt Ion: 83 Resp: 575

Ion Ratio Lower Upper

83 100

85 24.8 50.6 75.8#

127 0.0 7.1 10.7#



#48

Methyl methacrylate

Concen: 0.110 ug/l

RT: 7.78 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

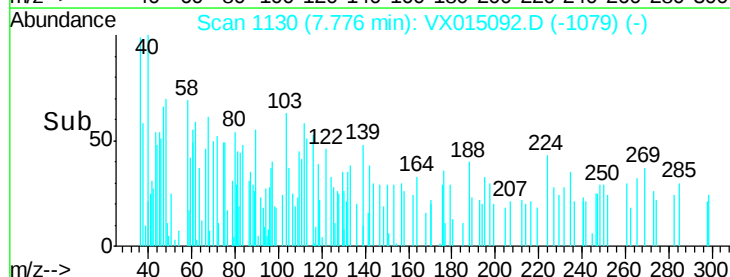
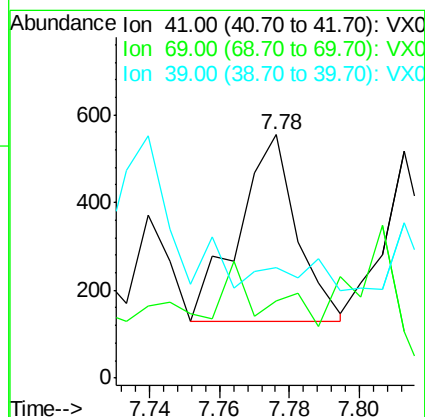
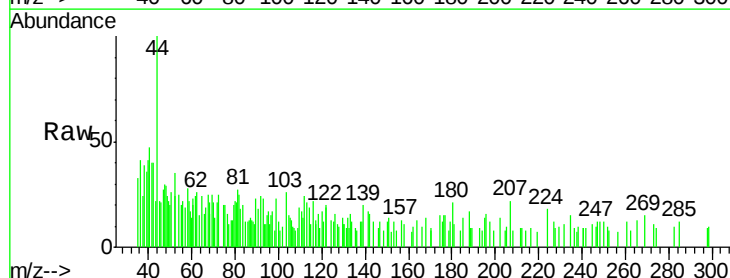
Tgt Ion: 41 Resp: 487

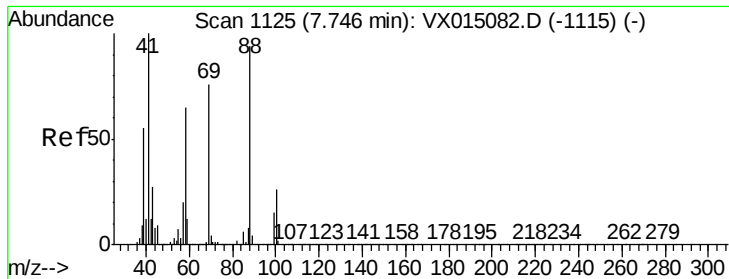
Ion Ratio Lower Upper

41 100

69 14.6 65.4 98.2#

39 0.0 44.6 67.0#

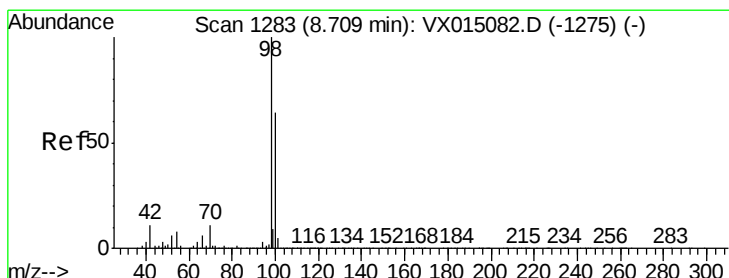
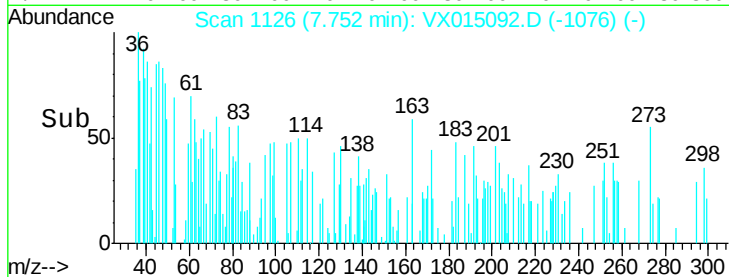
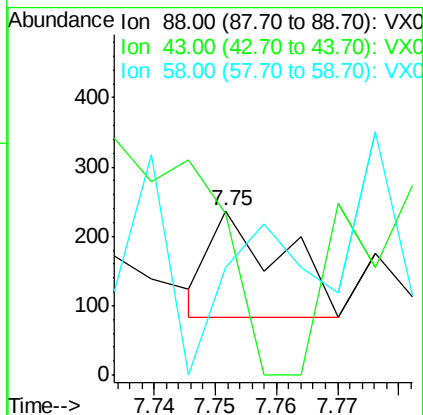
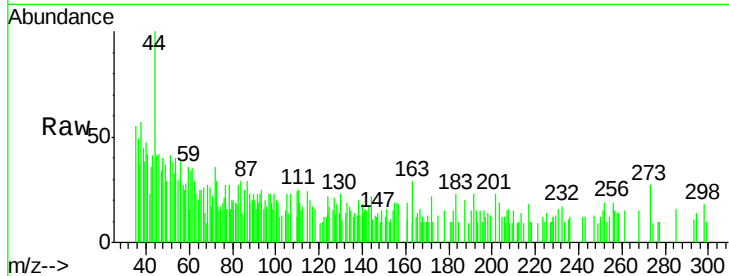




#49
1,4-Dioxane
Concen: 1.281 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

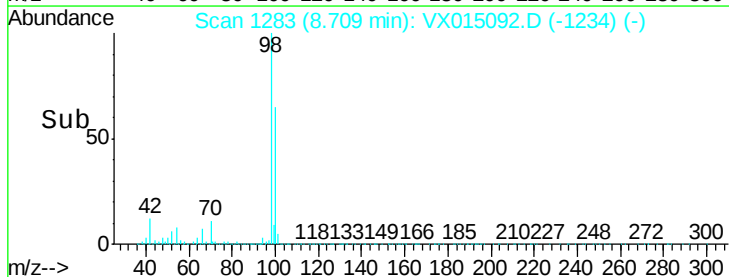
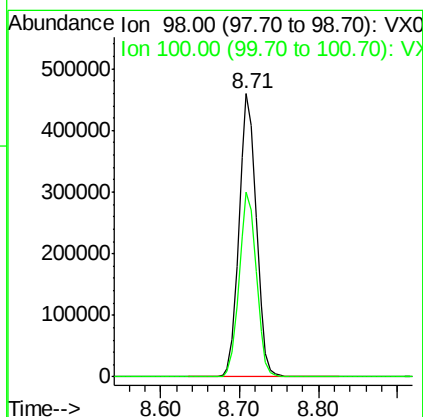
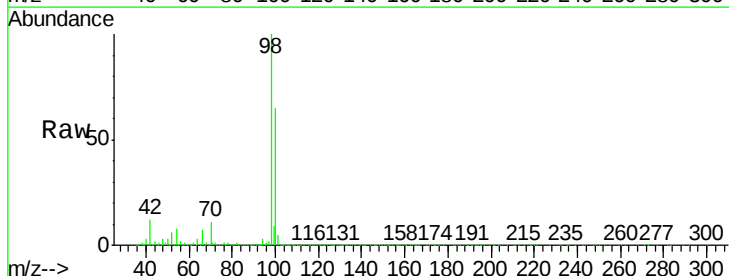
Instrument :
MSVOA_X
ClientSampled :
TB-01-200303

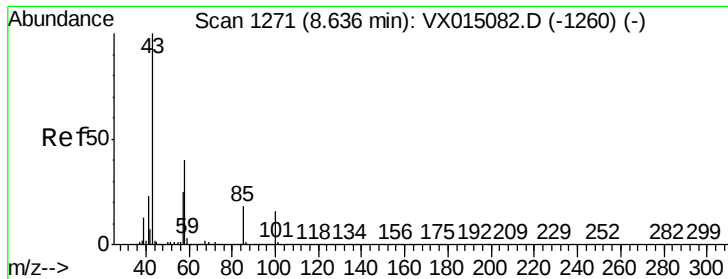
Tgt Ion: 88 Resp: 123
Ion Ratio Lower Upper
88 100
43 0.0 27.0 40.4#
58 192.7 55.6 83.4#



#50
Toluene-d8
Concen: 50.602 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion: 98 Resp: 702445
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6

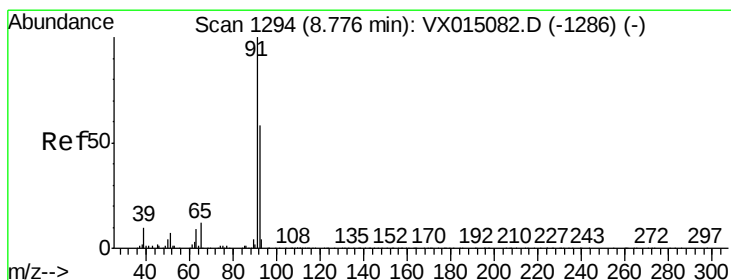
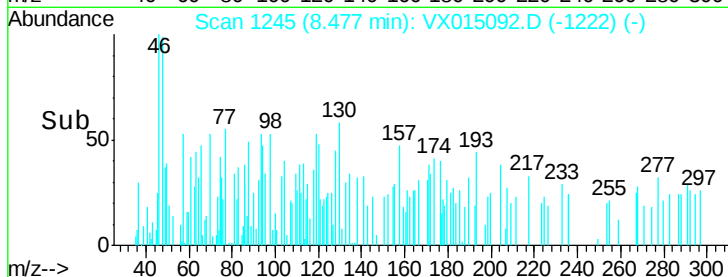
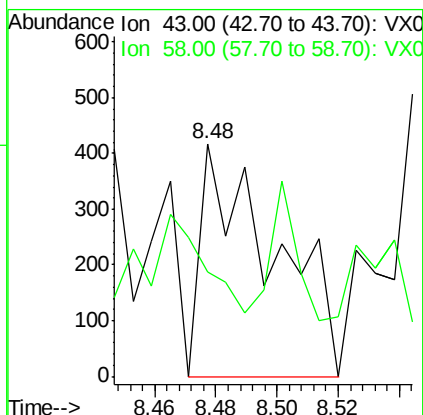
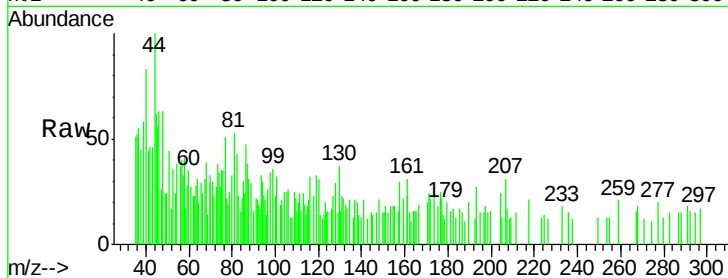




#51
 4-Methyl-2-Pentanone
 Concen: 0.133 ug/l
 RT: 8.48 min Scan# 1245
 Delta R.T. -0.16 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

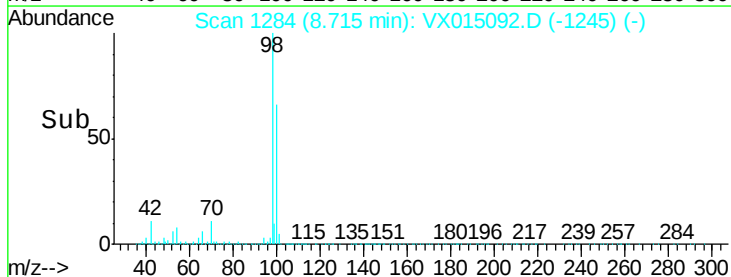
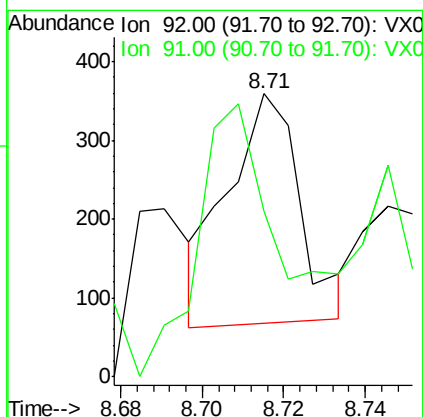
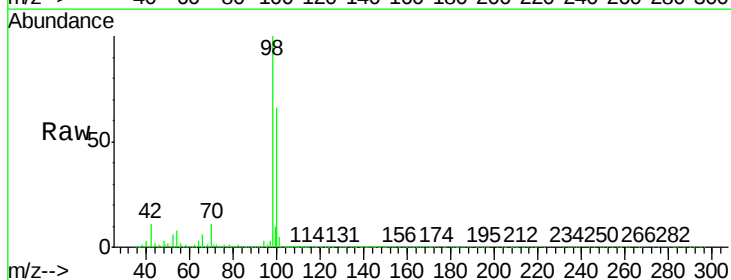
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200303

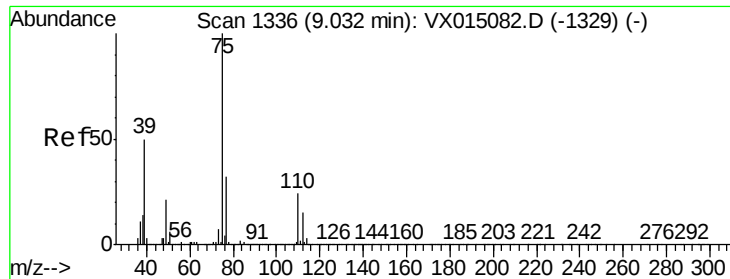
Tgt Ion: 43 Resp: 686
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.6 47.4



#52
 Toluene
 Concen: 0.037 ug/l
 RT: 8.71 min Scan# 1284
 Delta R.T. -0.06 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

Tgt Ion: 92 Resp: 360
 Ion Ratio Lower Upper
 92 100
 91 143.1 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 0.039 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

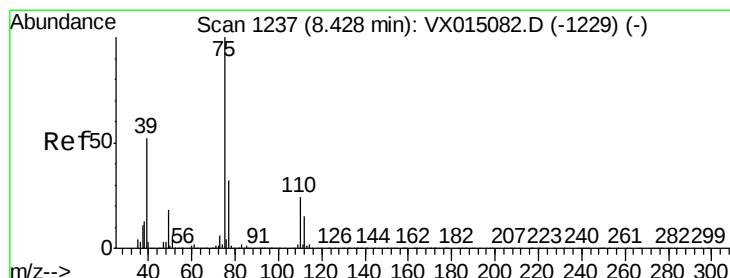
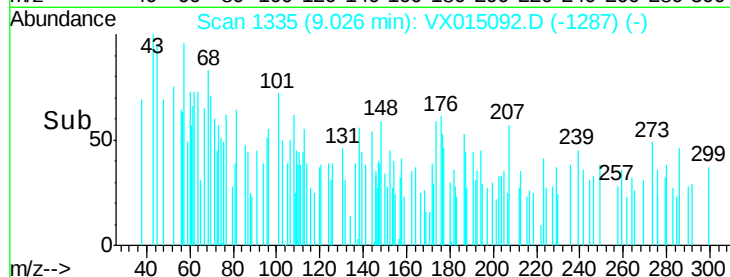
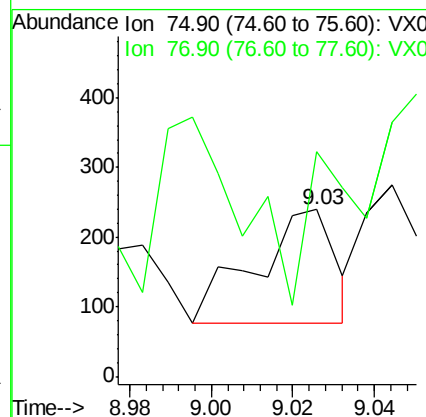
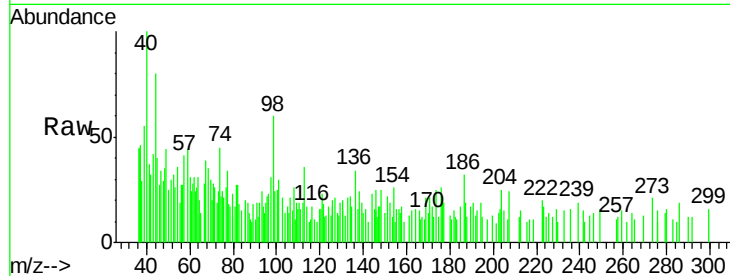
TB-01-200303

Tgt Ion: 75 Resp: 221

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 0.020 ug/l

RT: 8.42 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

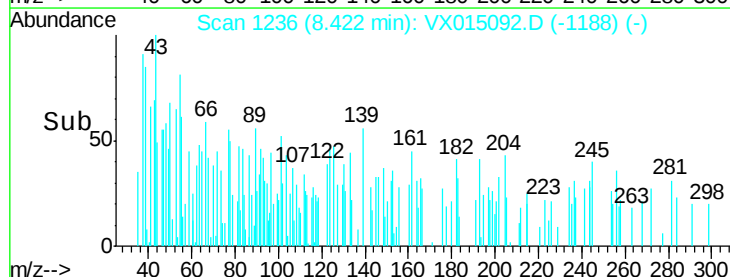
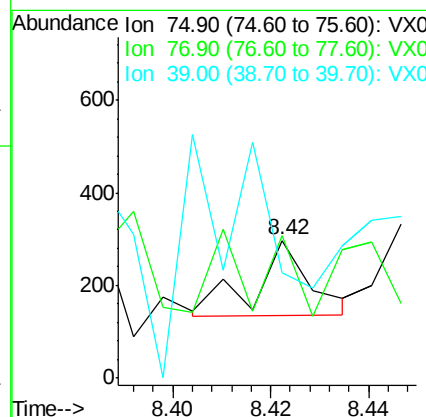
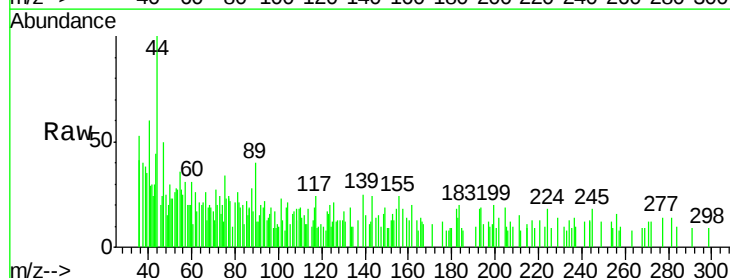
Tgt Ion: 75 Resp: 127

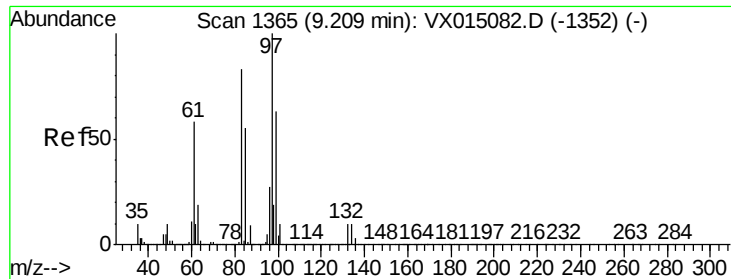
Ion Ratio Lower Upper

75 100

77 108.5 25.8 38.6#

39 0.0 41.3 61.9#

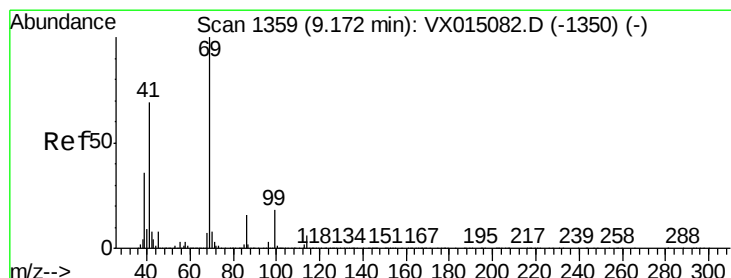
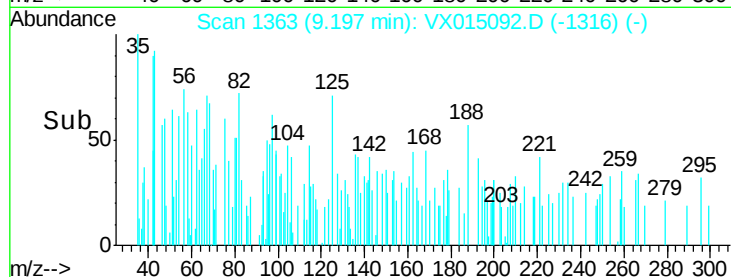
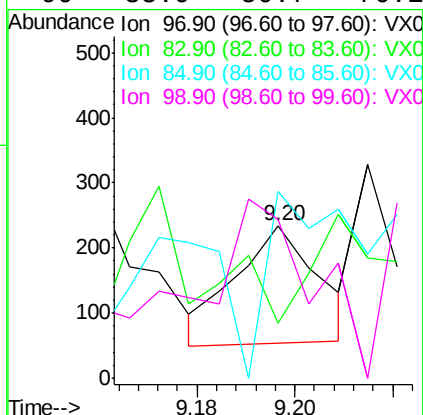
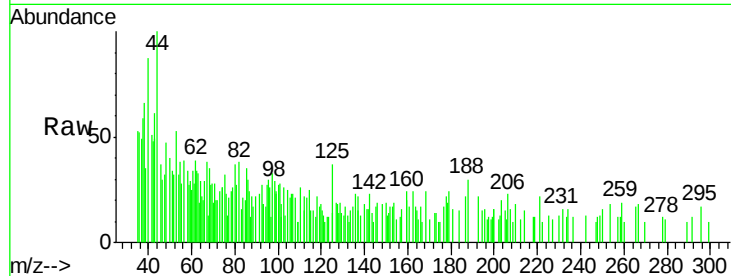




#55
 1,1,2-Trichloroethane
 Concen: 0.053 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

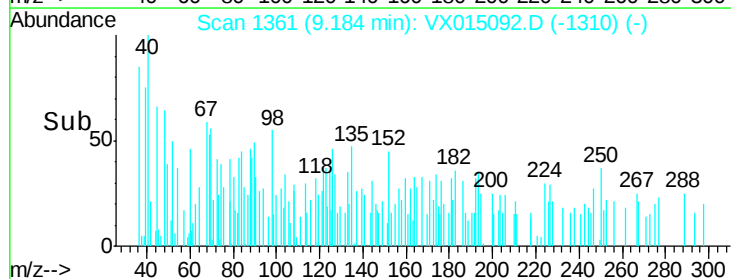
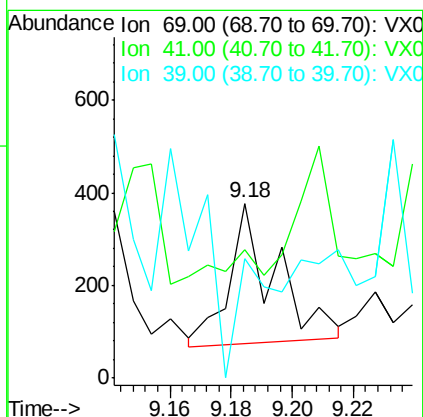
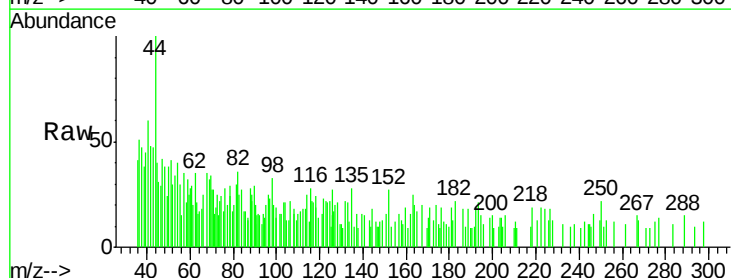
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200303

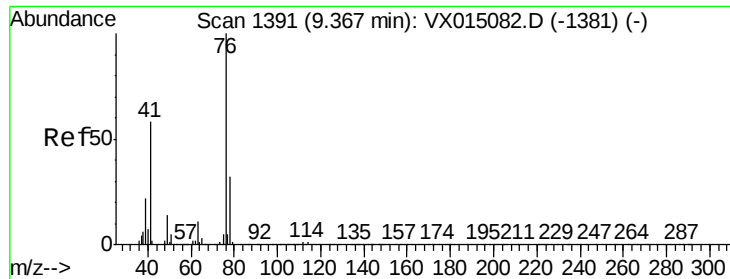
Tgt Ion:	97	Resp:	210
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.4	99.6#
85	58.5	43.5	65.3
99	88.9	50.7	76.1#



#56
 Ethyl methacrylate
 Concen: 0.055 ug/l
 RT: 9.18 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

Tgt Ion:	69	Resp:	312
Ion	Ratio	Lower	Upper
69	100		
41	0.0	55.8	83.8#
39	0.0	29.4	44.2#





#57

1,3-Dichloropropane

Concen: 0.026 ug/l

RT: 9.37 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

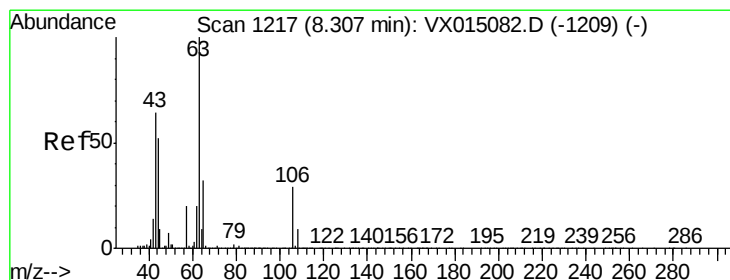
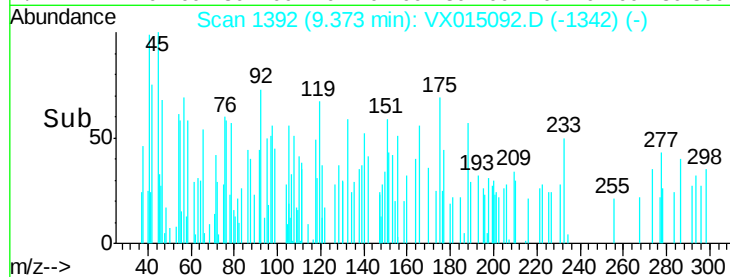
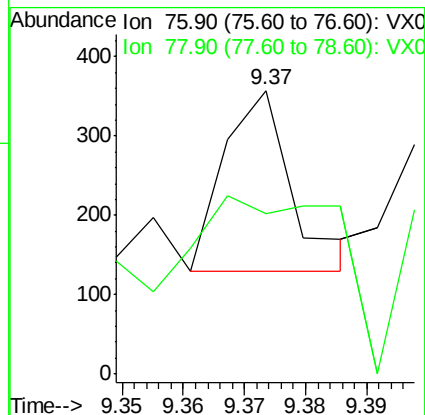
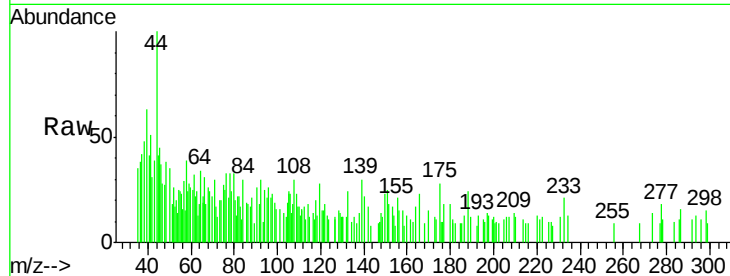
TB-01-200303

Tgt Ion: 76 Resp: 174

Ion Ratio Lower Upper

76 100

78 211.5 25.6 38.4#



#58

2-Chloroethyl Vinyl ether

Concen: 0.116 ug/l

RT: 8.56 min Scan# 1258

Delta R.T. 0.25 min

Lab File: VX015092.D

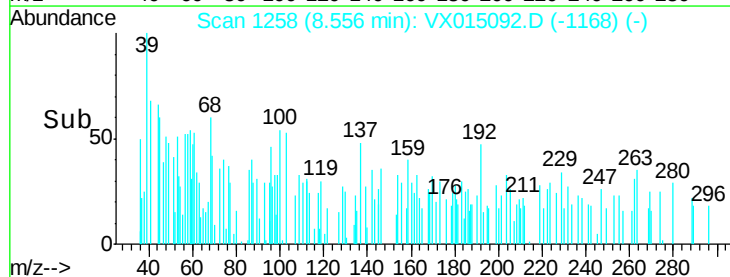
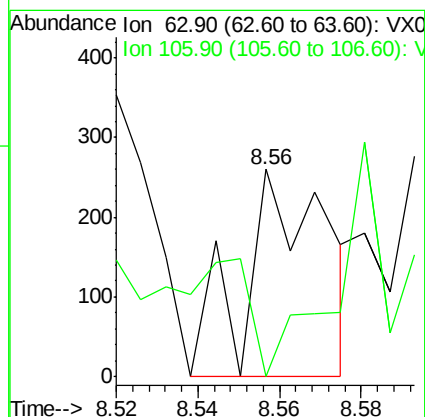
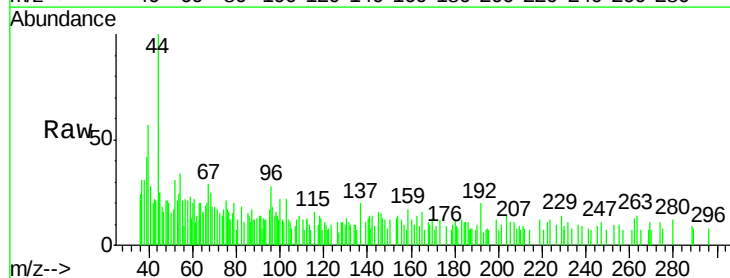
Acq: 04 Mar 2020 17:05

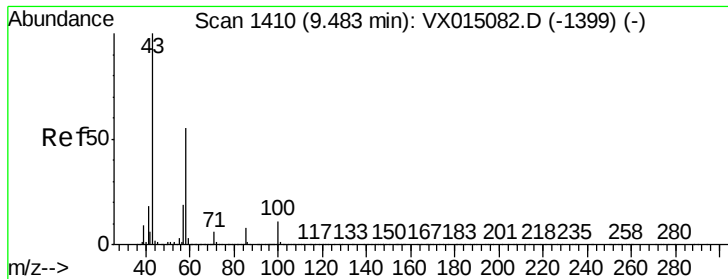
Tgt Ion: 63 Resp: 361

Ion Ratio Lower Upper

63 100

106 29.6 22.8 34.2

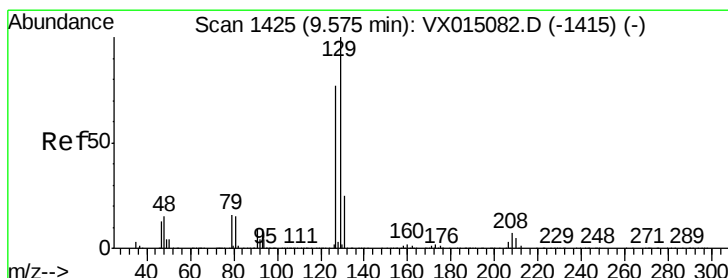
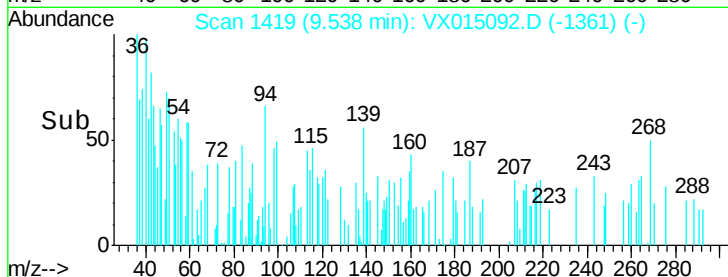
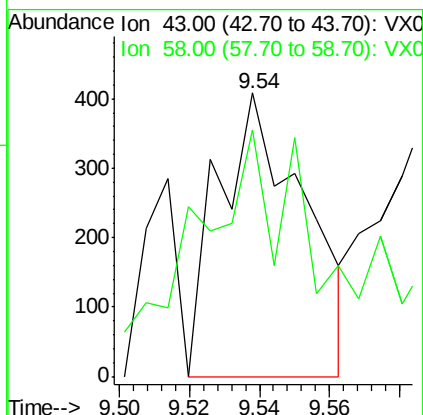
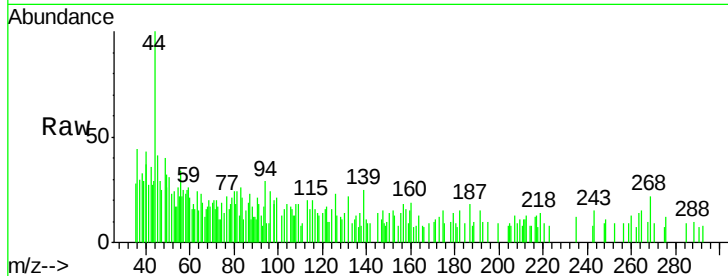




#59
2-Hexanone
Concen: 0.183 ug/l
RT: 9.54 min Scan# 1419
Delta R.T. 0.05 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

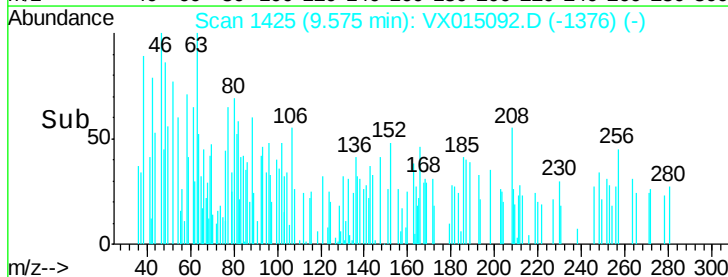
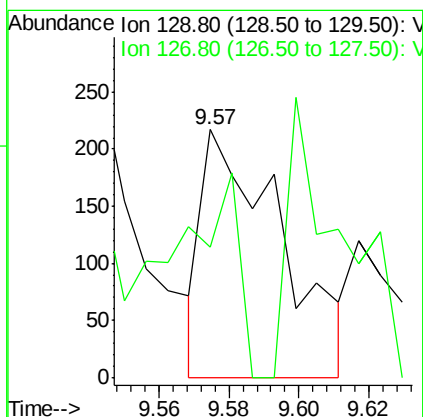
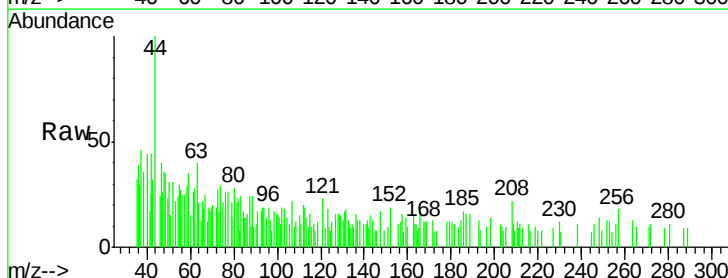
Instrument :
MSVOA_X
ClientSampleId :
TB-01-200303

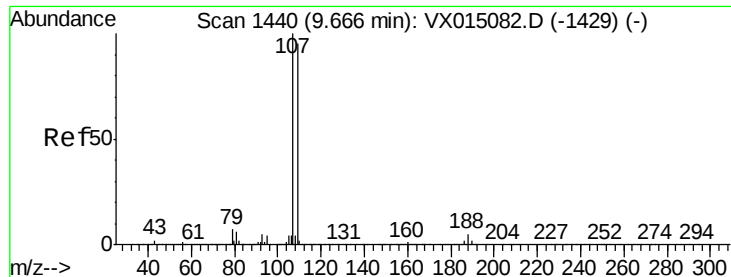
Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8



#60
Dibromochloromethane
Concen: 0.081 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion: 129 Resp: 340
Ion Ratio Lower Upper
129 100
127 45.6 38.8 116.3

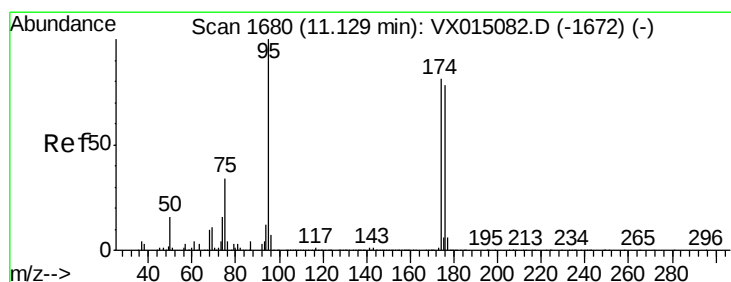
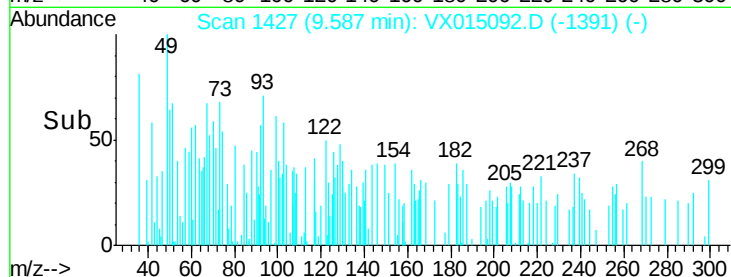
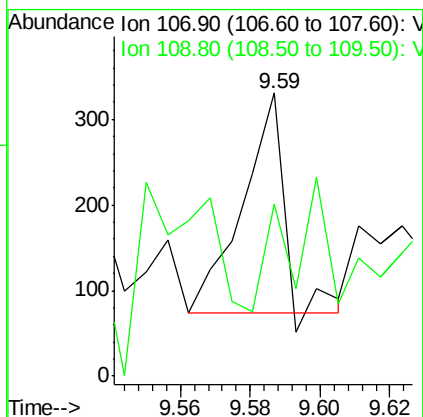
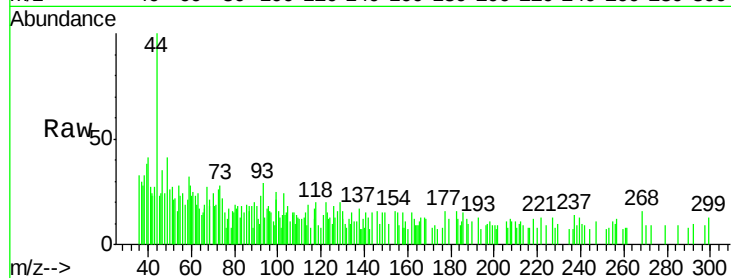




#61
 1,2-Dibromoethane
 Concen: 0.050 ug/l
 RT: 9.59 min Scan# 1427
 Delta R.T. -0.08 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

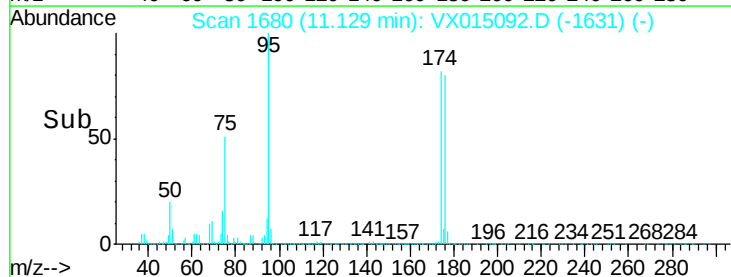
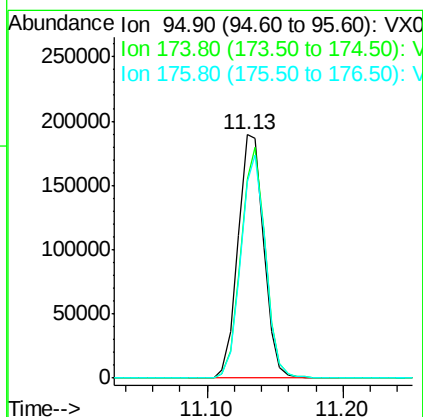
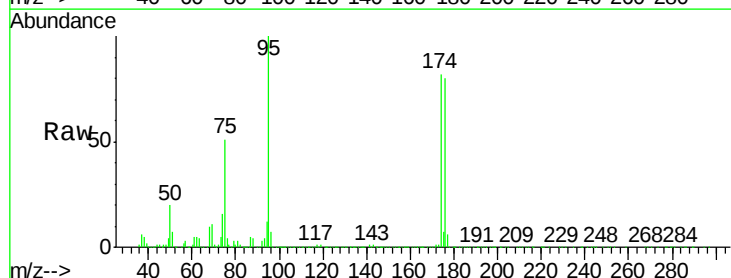
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200303

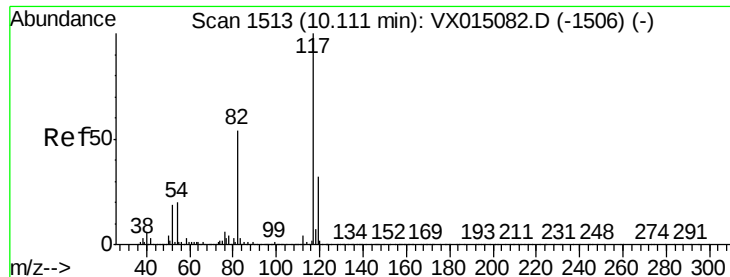
Tgt Ion: 107 Resp: 211
 Ion Ratio Lower Upper
 107 100
 109 79.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.515 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

Tgt Ion: 95 Resp: 250125
 Ion Ratio Lower Upper
 95 100
 174 90.1 0.0 177.6
 176 87.7 0.0 170.2

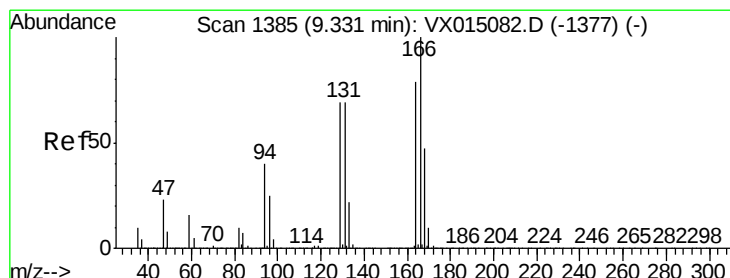
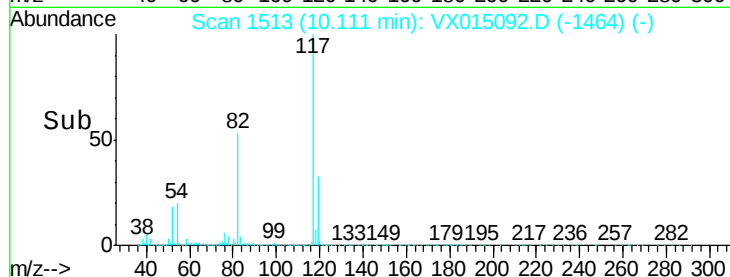
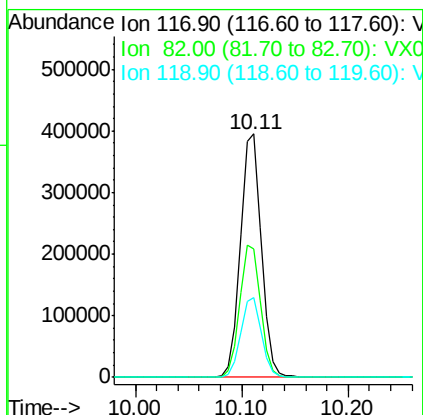
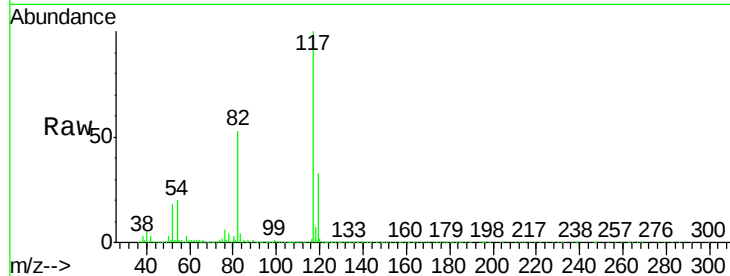




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

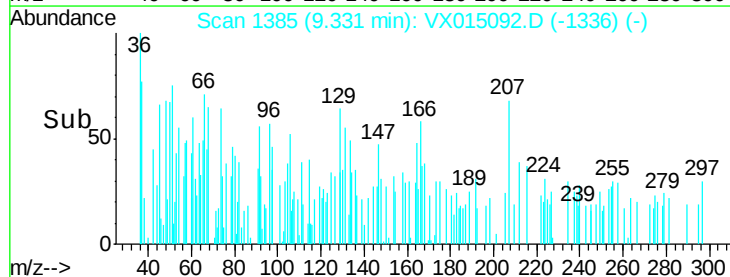
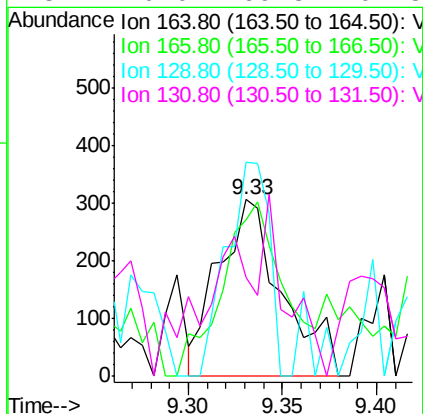
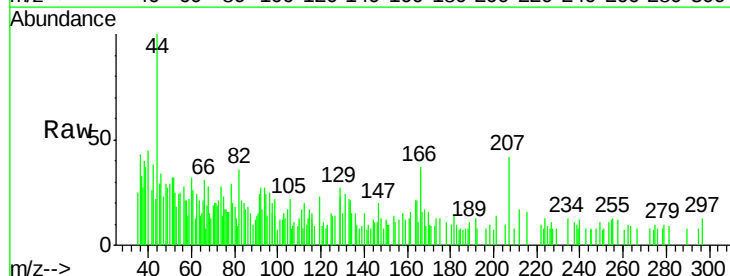
Instrument :
MSVOA_X
ClientSampleId :
TB-01-200303

Tgt Ion:117 Resp: 547377
Ion Ratio Lower Upper
117 100
82 52.5 43.3 64.9
119 32.7 25.8 38.8



#64
Tetrachloroethene
Concen: 0.159 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion:164 Resp: 719
Ion Ratio Lower Upper
164 100
166 102.6 101.1 151.7
129 120.8 69.4 104.0#
131 0.0 69.8 104.8#





#65

Chlorobenzene

Concen: 0.094 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

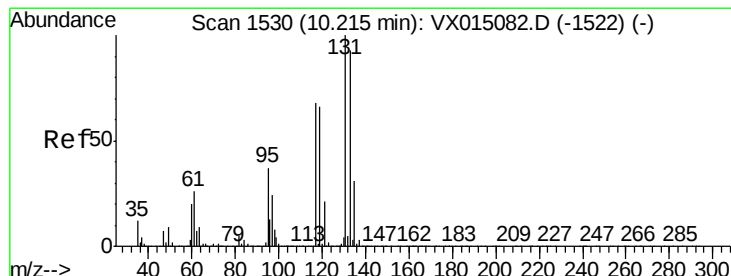
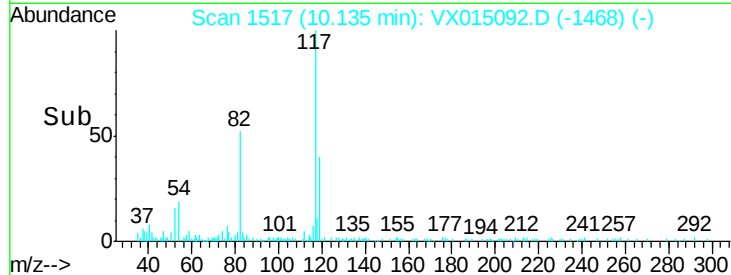
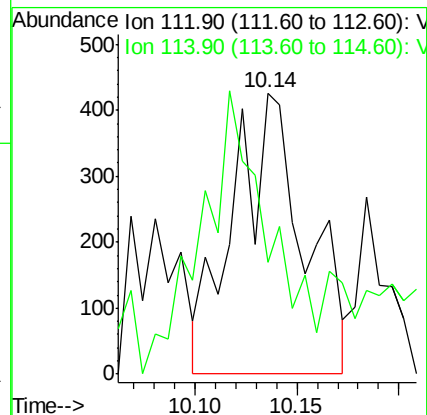
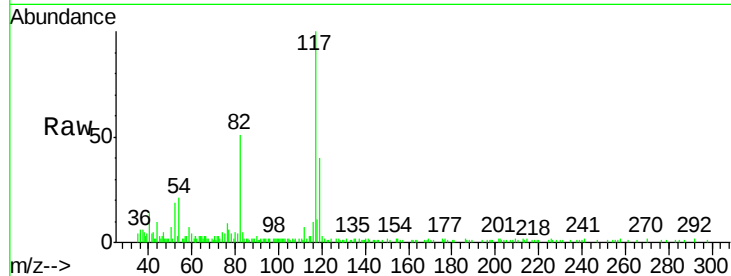
TB-01-200303

Tgt Ion:112 Resp: 1033

Ion Ratio Lower Upper

112 100

114 9.3 25.5 38.3#



#66

1,1,1,2-Tetrachloroethane

Concen: 0.081 ug/l

RT: 10.23 min Scan# 1532

Delta R.T. 0.01 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

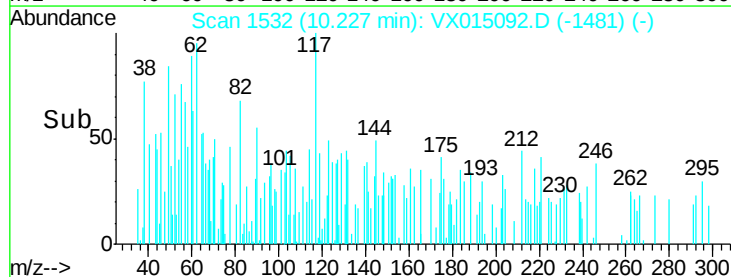
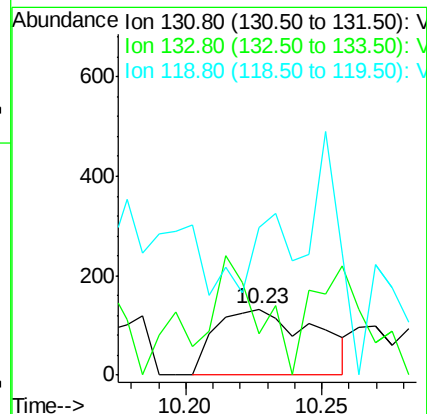
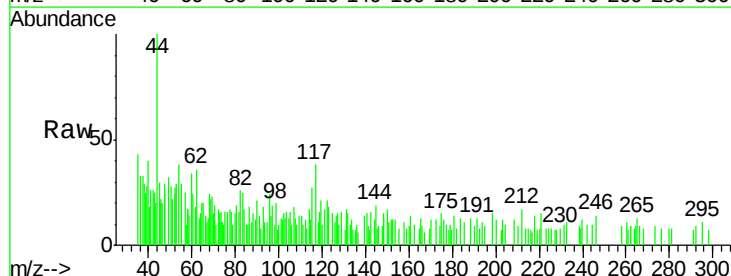
Tgt Ion:131 Resp: 336

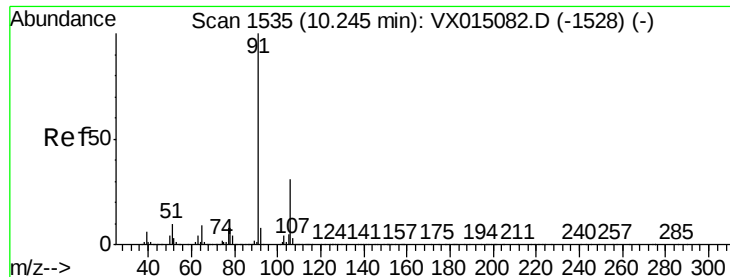
Ion Ratio Lower Upper

131 100

133 109.2 47.5 142.5

119 0.0 33.4 100.1#





#67

Ethyl Benzene

Concen: 0.046 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

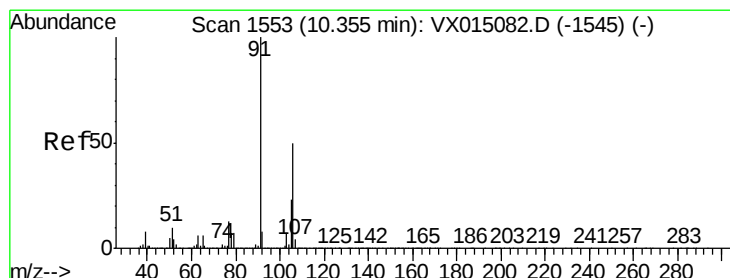
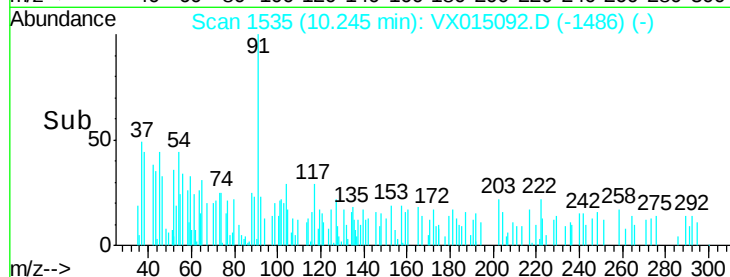
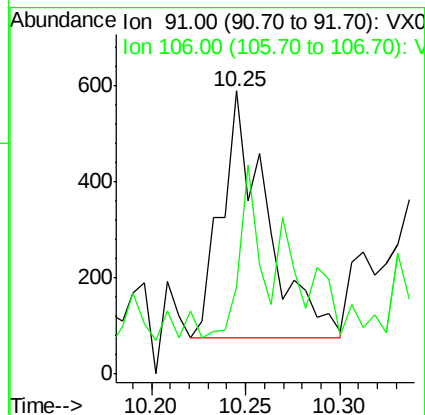
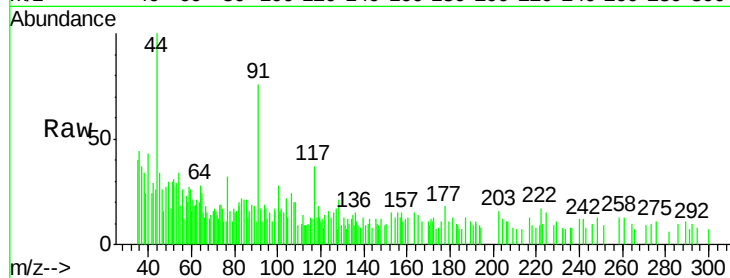
TB-01-200303

Tgt Ion: 91 Resp: 856

Ion Ratio Lower Upper

91 100

106 19.8 24.9 37.3#



#68

m/p-Xylenes

Concen: 0.093 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX015092.D

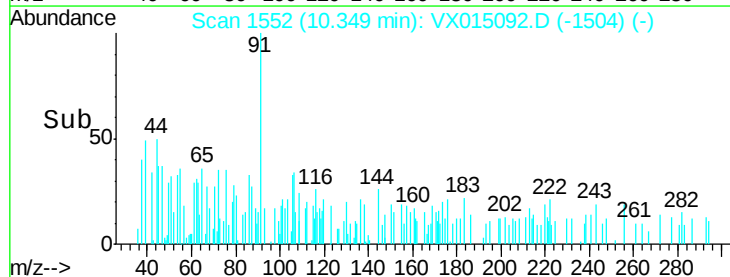
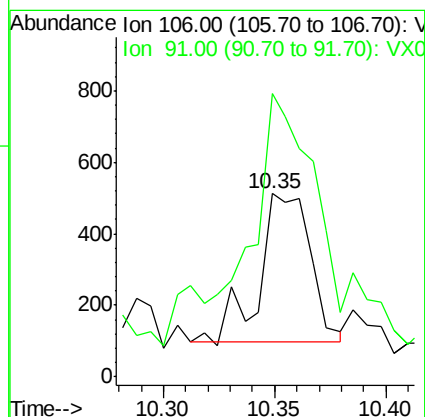
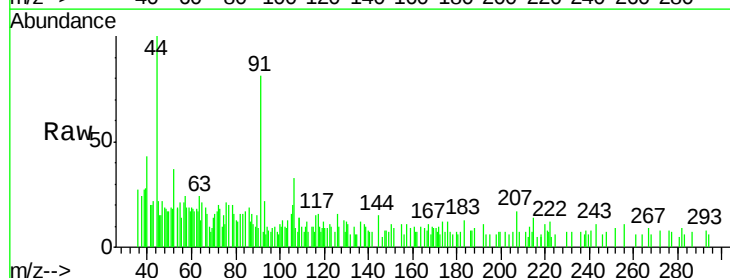
Acq: 04 Mar 2020 17:05

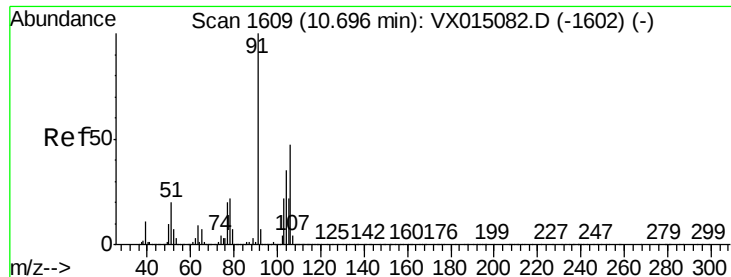
Tgt Ion: 106 Resp: 662

Ion Ratio Lower Upper

106 100

91 238.1 159.4 239.2

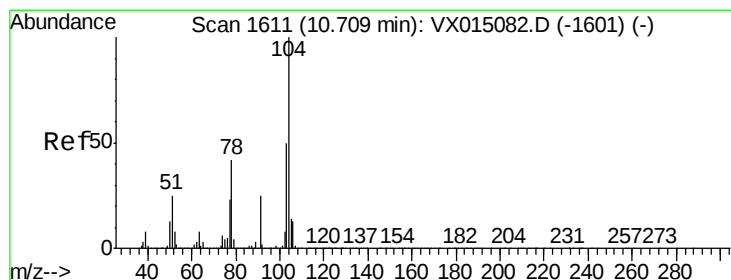
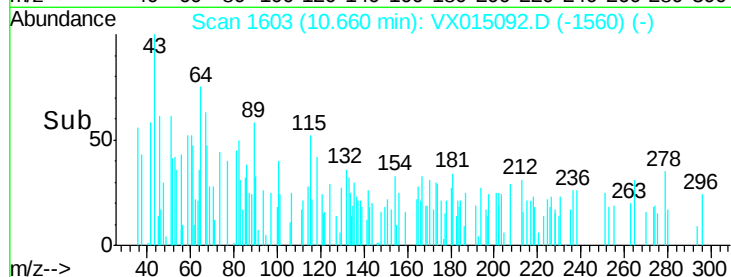
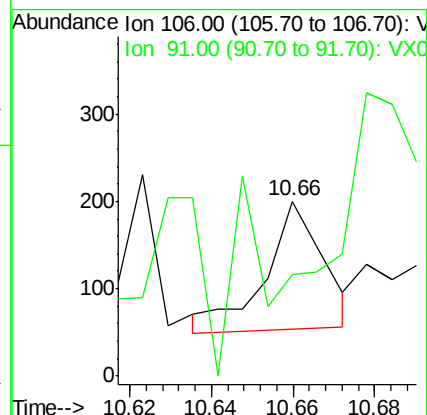
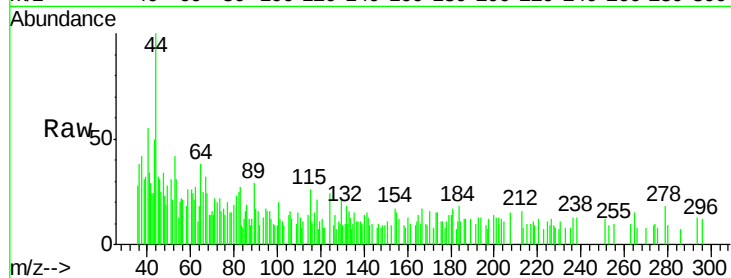




#69
o-Xylene
Concen: 0.021 ug/l
RT: 10.66 min Scan# 1603
Delta R.T. -0.04 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

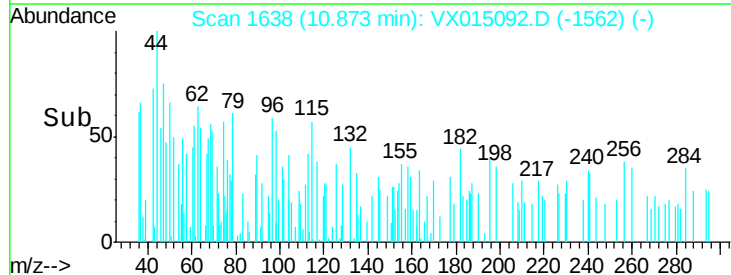
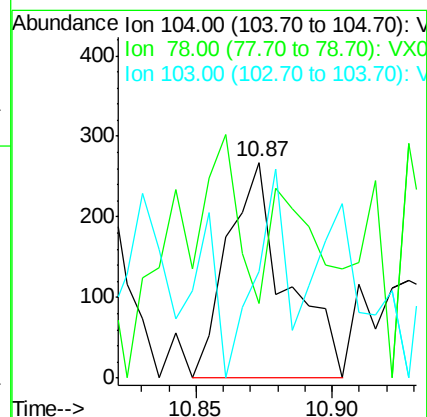
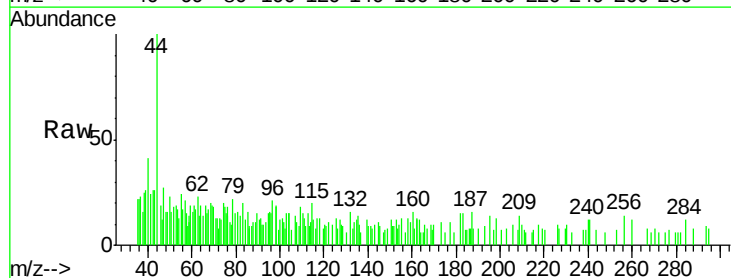
Instrument :
MSVOA_X
ClientSampled :
TB-01-200303

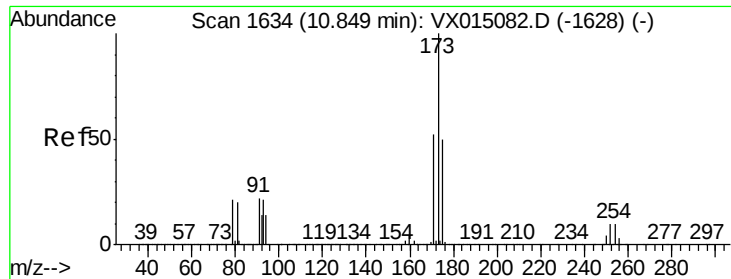
Tgt Ion:106 Resp: 144
Ion Ratio Lower Upper
106 100
91 107.6 105.4 316.1



#70
Styrene
Concen: 0.034 ug/l
RT: 10.87 min Scan# 1638
Delta R.T. 0.16 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion:104 Resp: 401
Ion Ratio Lower Upper
104 100
78 41.9 39.0 58.4
103 49.4 43.7 65.5





#71

Bromoform

Concen: 0.073 ug/l

RT: 10.86 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200303

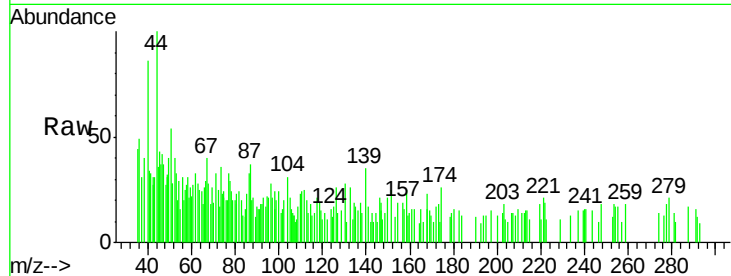
Tgt Ion:173 Resp: 233

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

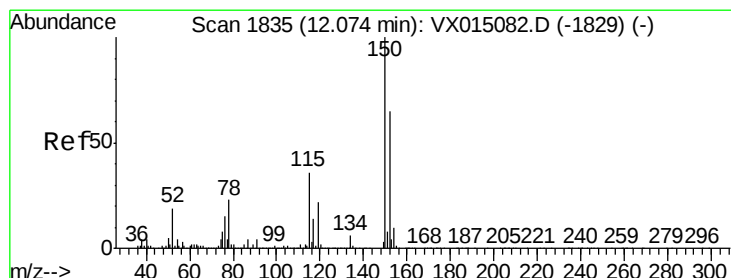
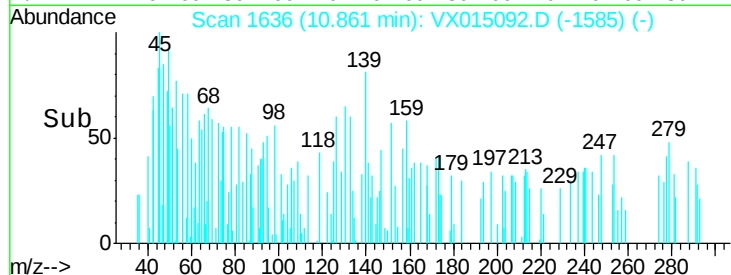
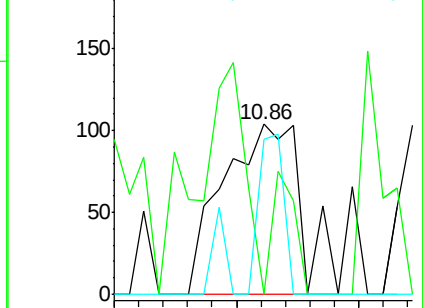
254 30.5 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

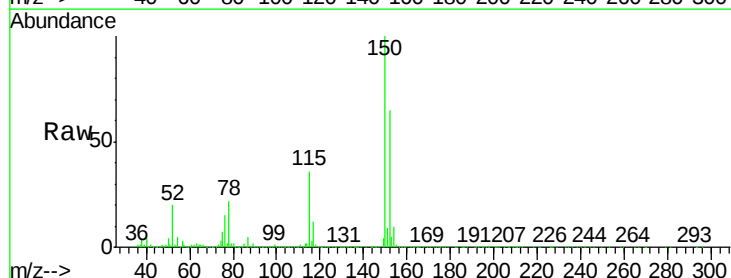
Tgt Ion:152 Resp: 271389

Ion Ratio Lower Upper

152 100

115 56.4 38.2 114.6

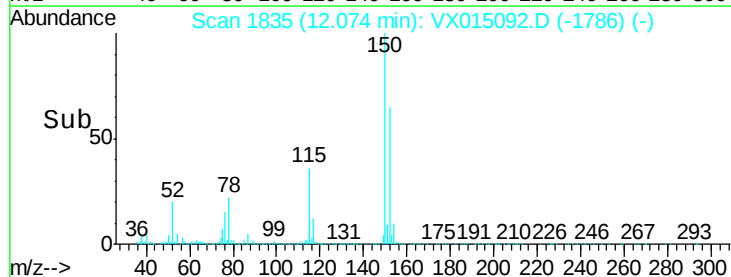
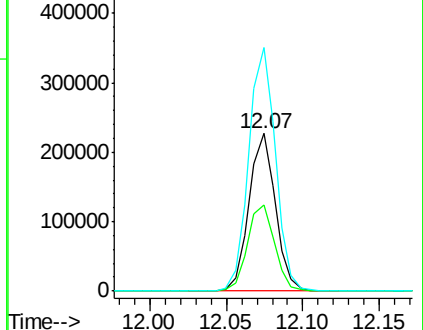
150 157.2 0.0 343.8

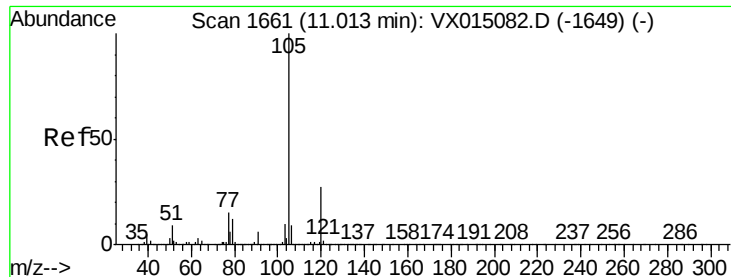


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.030 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.27 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

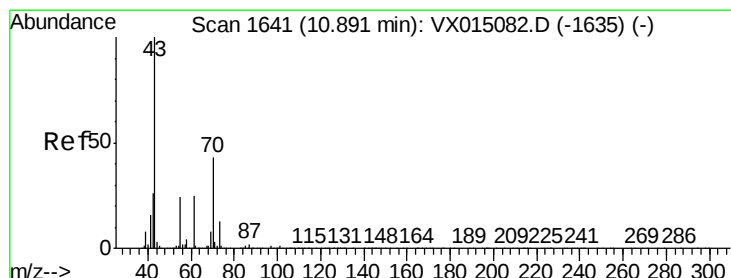
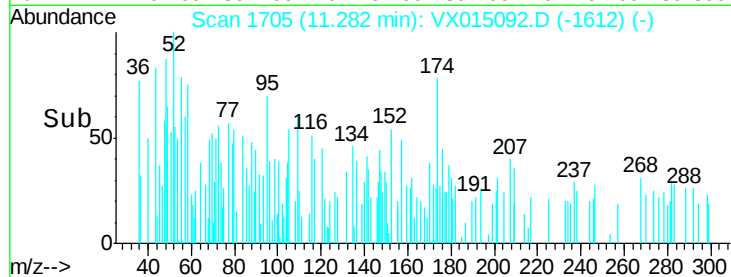
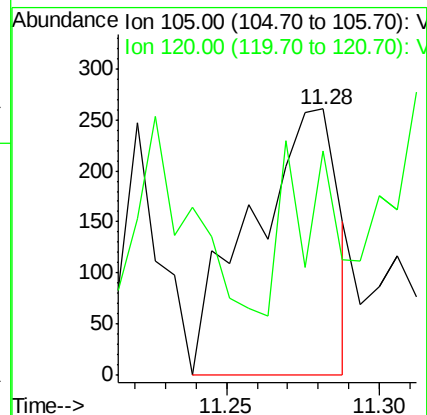
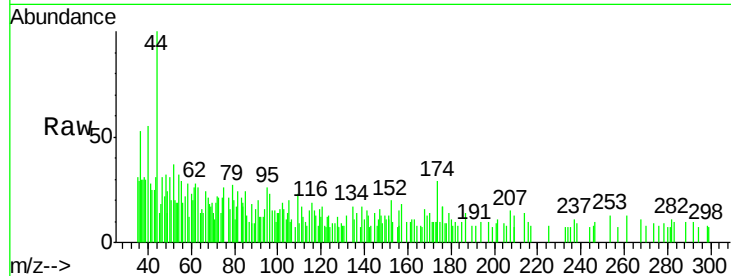
TB-01-200303

Tgt Ion: 105 Resp: 513

Ion Ratio Lower Upper

105 100

120 31.0 13.5 40.5



#74

N-ethyl acetate

Concen: 0.047 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Tgt Ion: 43 Resp: 342

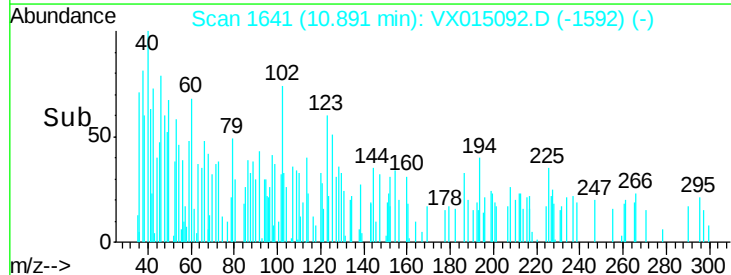
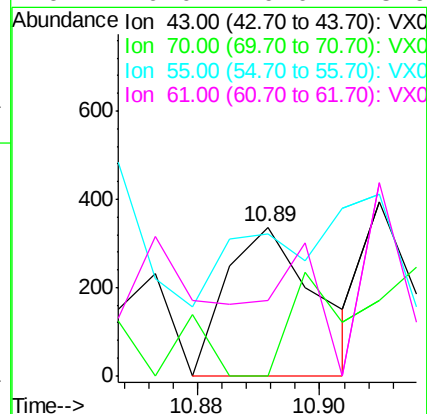
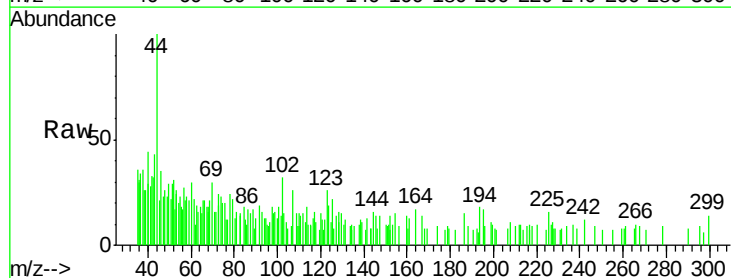
Ion Ratio Lower Upper

43 100

70 0.0 34.7 52.1#

55 0.0 19.4 29.0#

61 0.0 19.0 28.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.050 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200303

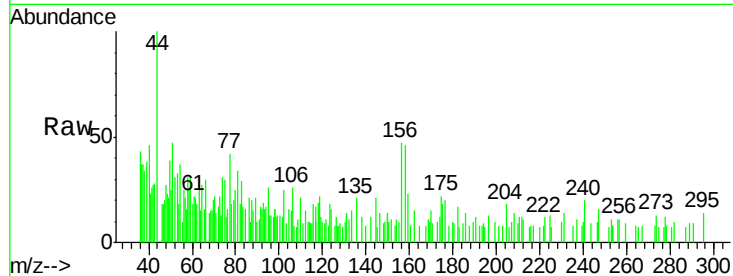
Tgt Ion: 83 Resp: 286

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

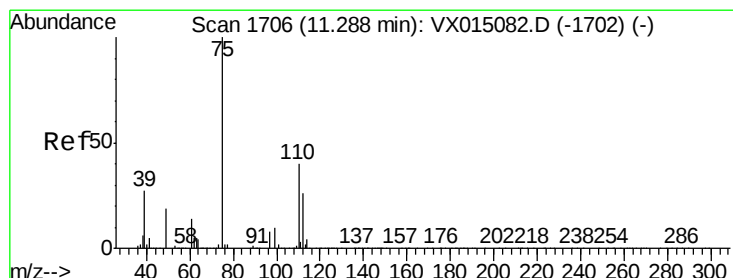
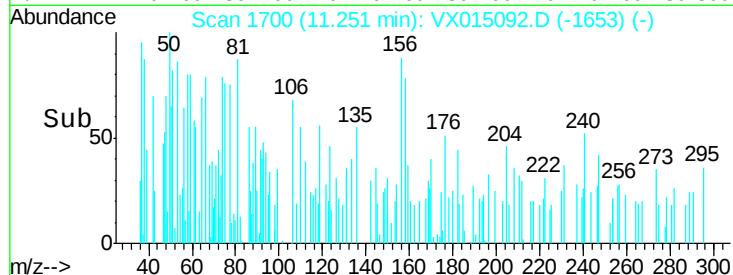
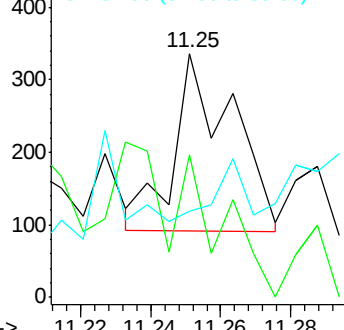
85 35.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.834 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX015092.D

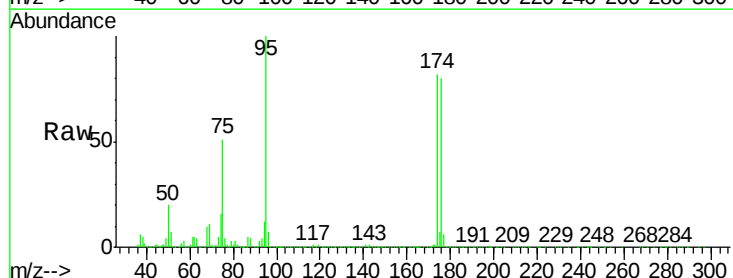
Acq: 04 Mar 2020 17:05

Tgt Ion: 75 Resp: 123607

Ion Ratio Lower Upper

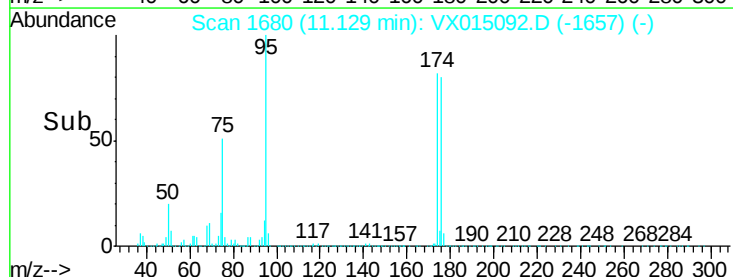
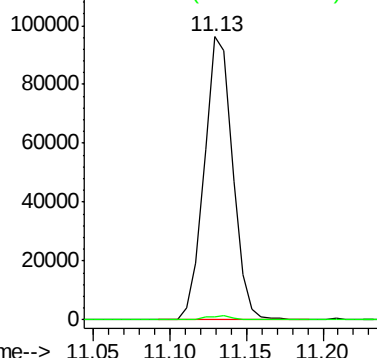
75 100

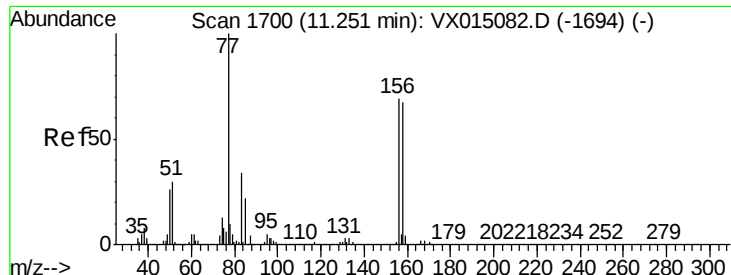
77 1.5 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.048 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.20 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

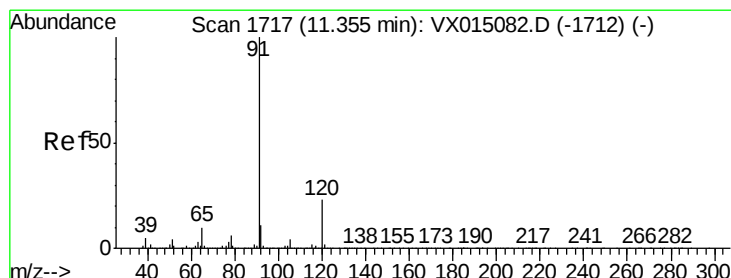
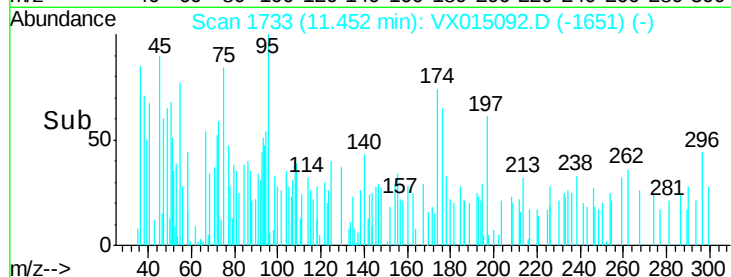
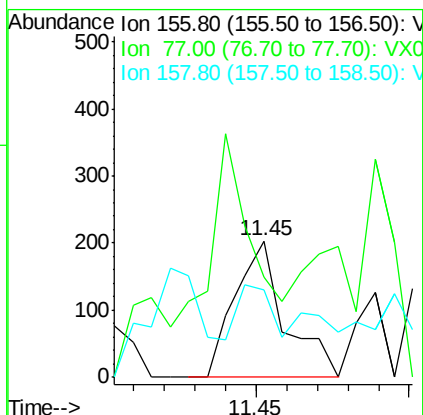
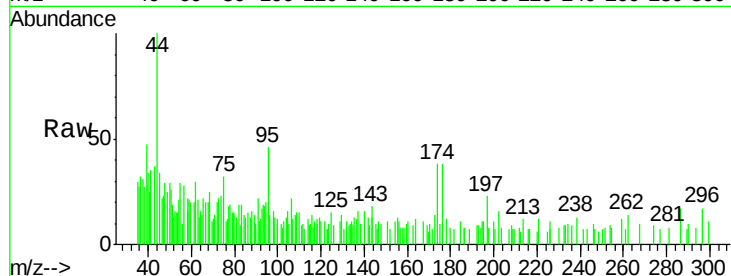
Instrument :

MSVOA_X

ClientSampleId :

TB-01-200303

Tgt Ion:	156	Resp:	230
Ion	Ratio	Lower	Upper
156	100		
77	163.0	75.3	225.9
158	82.2	48.5	145.6



#78

n-propylbenzene

Concen: 0.092 ug/l

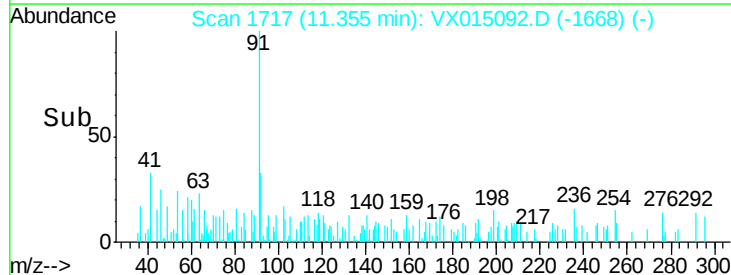
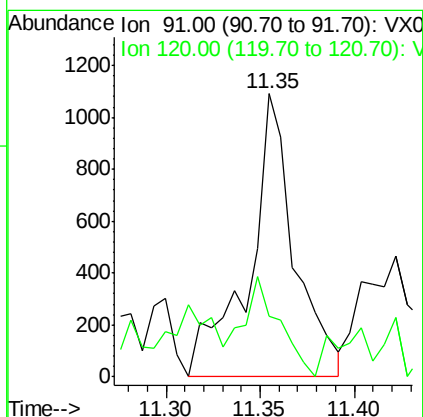
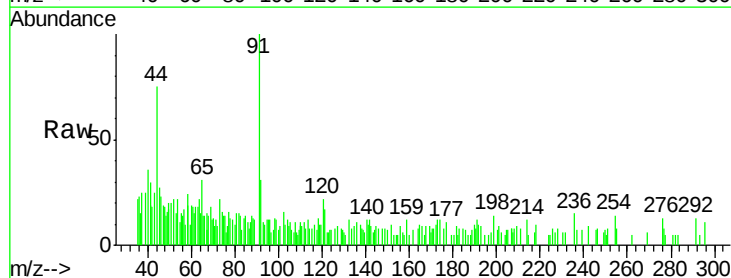
RT: 11.35 min Scan# 1717

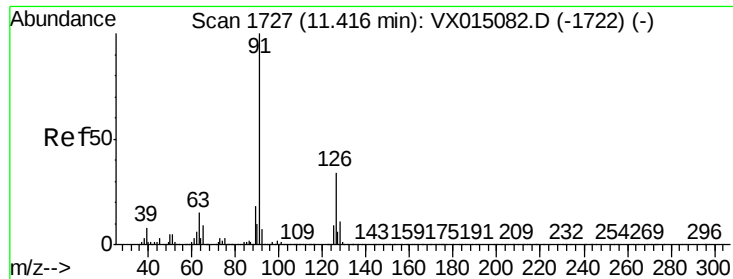
Delta R.T. 0.00 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Tgt Ion:	91	Resp:	1831
Ion	Ratio	Lower	Upper
91	100		
120	28.2	11.7	35.1

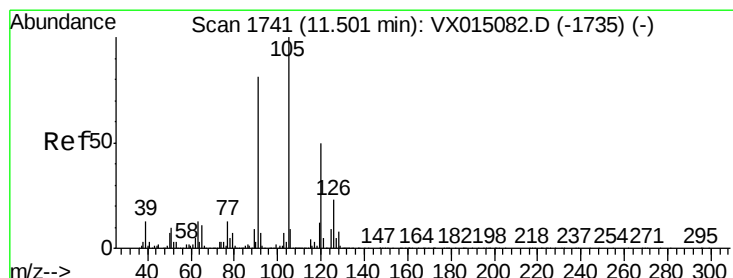
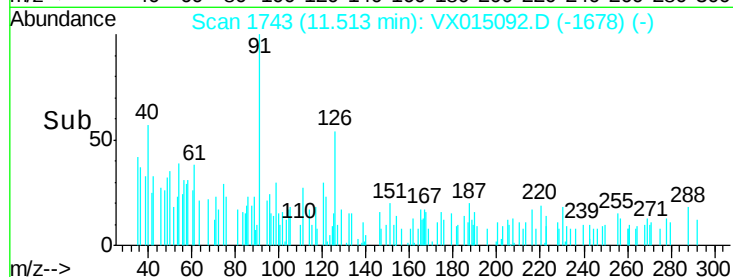
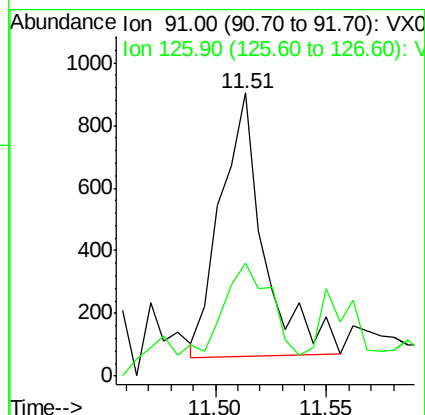
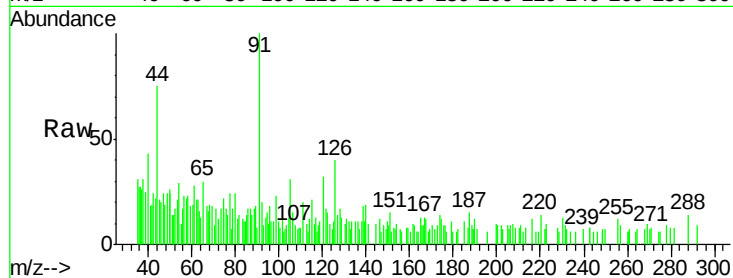




#79
2-Chlorotoluene
Concen: 0.096 ug/l
RT: 11.51 min Scan# 1743
Delta R.T. 0.10 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

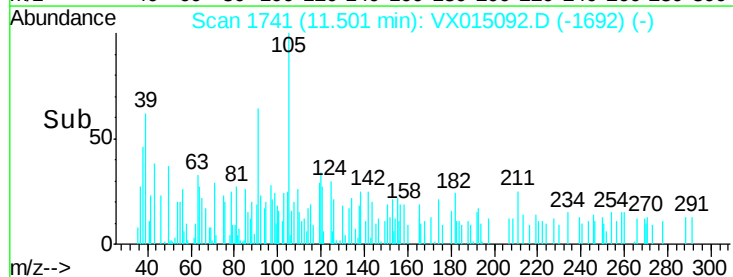
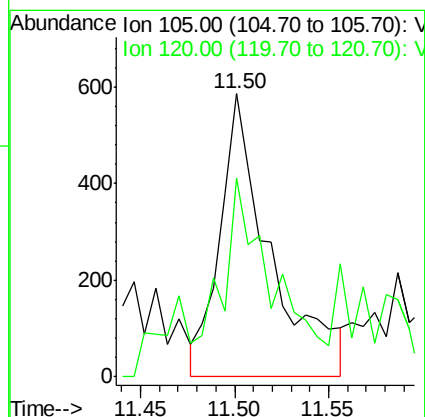
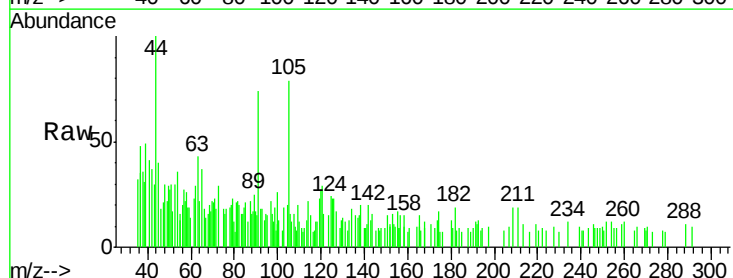
Instrument :
MSVOA_X
ClientSampled :
TB-01-200303

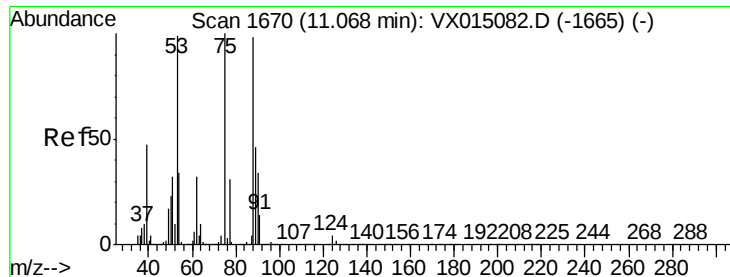
Tgt Ion: 91 Resp: 1138
Ion Ratio Lower Upper
91 100
126 38.6 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 0.075 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion: 105 Resp: 1079
Ion Ratio Lower Upper
105 100
120 61.2 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 64.802 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200303

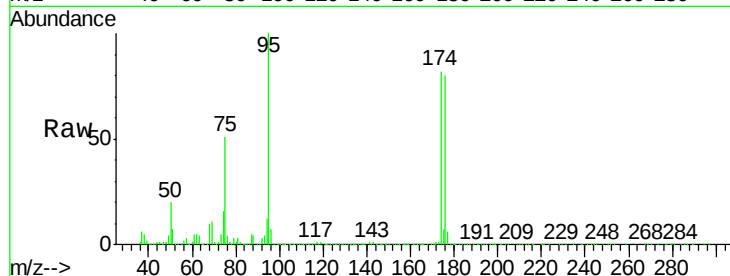
Tgt Ion: 75 Resp: 123607

Ion Ratio Lower Upper

75 100

53 0.4 77.9 116.9#

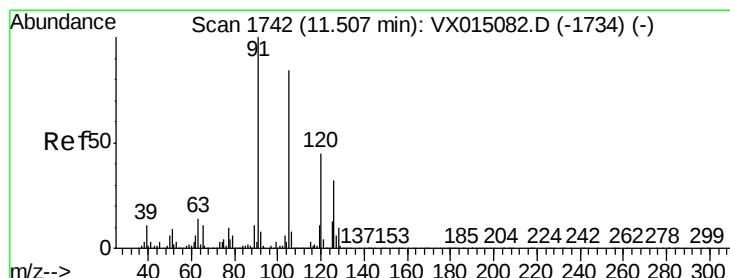
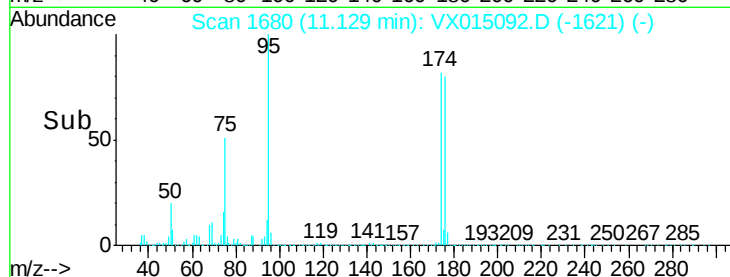
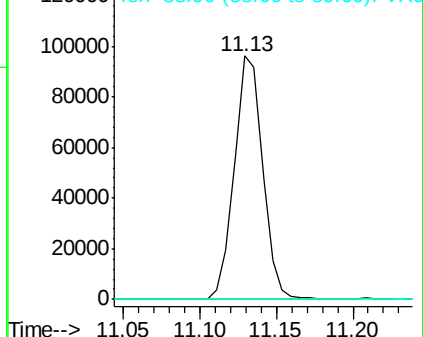
89 0.2 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.080 ug/l

RT: 11.51 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VX015092.D

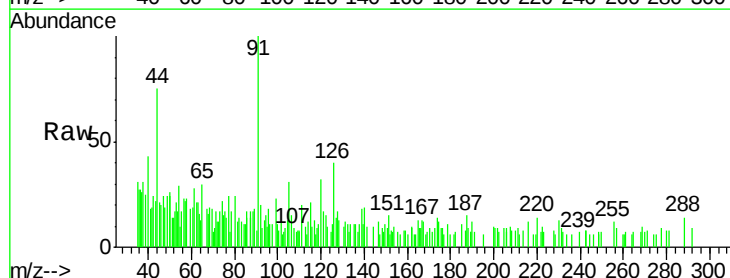
Acq: 04 Mar 2020 17:05

Tgt Ion: 91 Resp: 1114

Ion Ratio Lower Upper

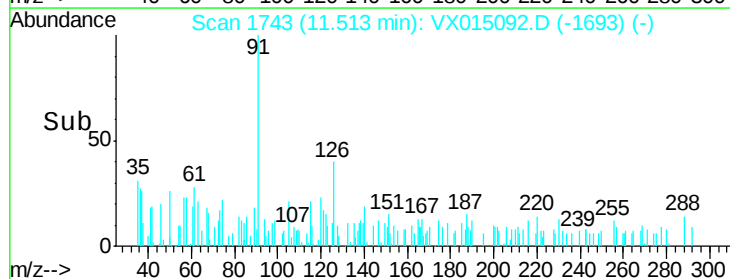
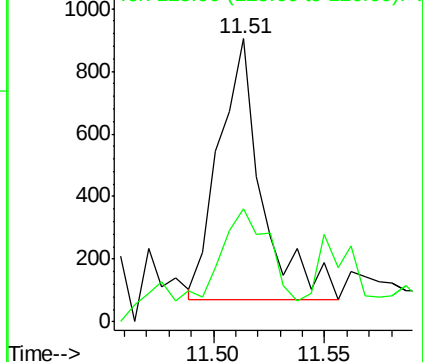
91 100

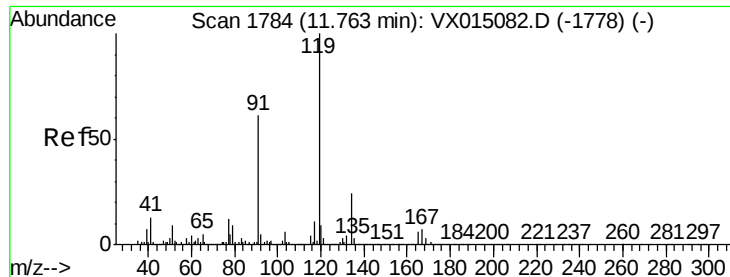
126 42.1 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.029 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampled :

TB-01-200303

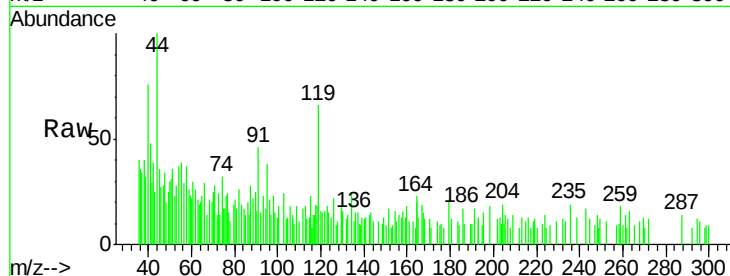
Tgt Ion:119 Resp: 411

Ion Ratio Lower Upper

119 100

91 51.8 28.5 85.6

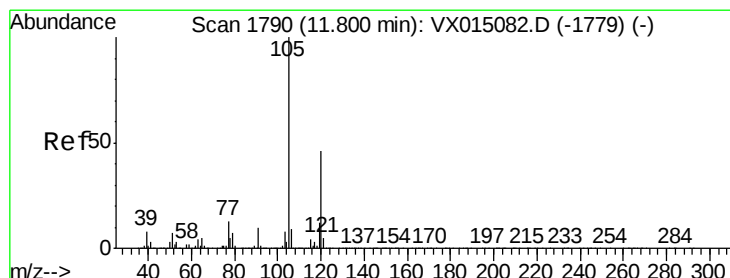
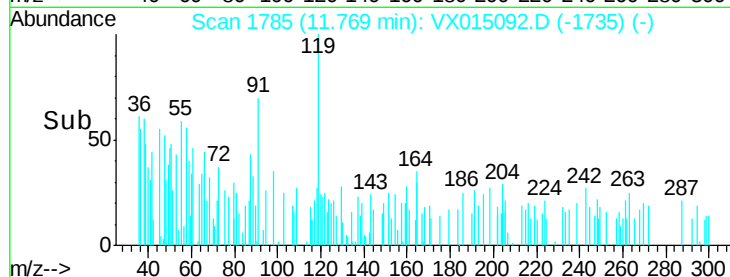
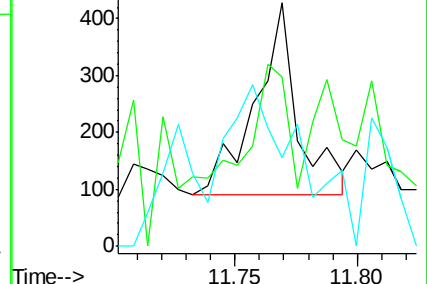
134 102.9 11.9 35.7#



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: 0.017 ug/l

RT: 11.91 min Scan# 1808

Delta R.T. 0.11 min

Lab File: VX015092.D

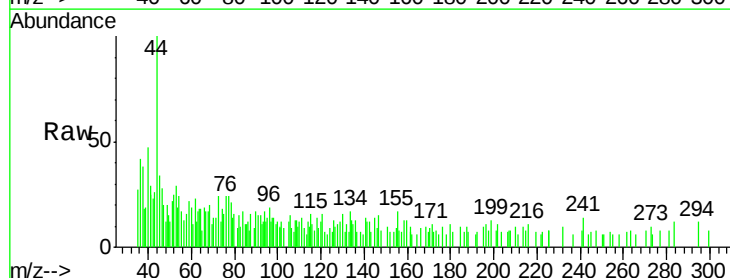
Acq: 04 Mar 2020 17:05

Tgt Ion:105 Resp: 249

Ion Ratio Lower Upper

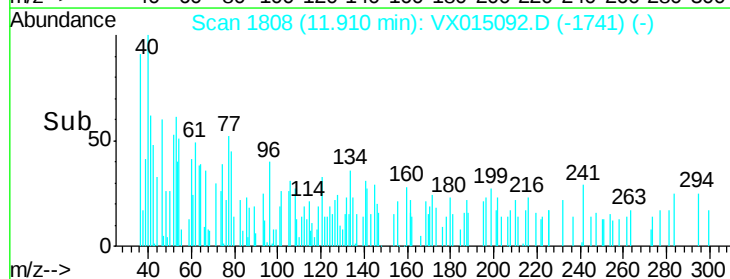
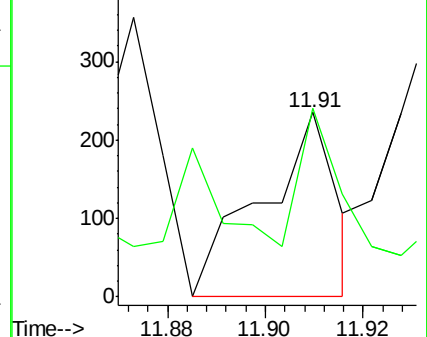
105 100

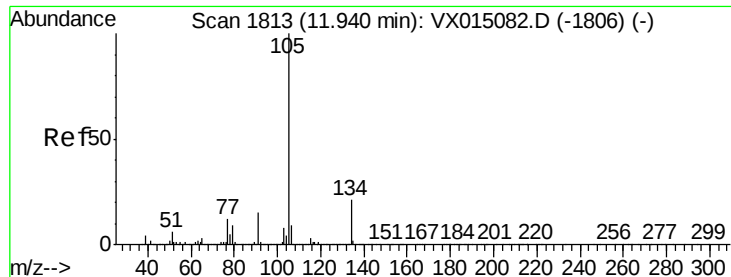
120 57.8 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

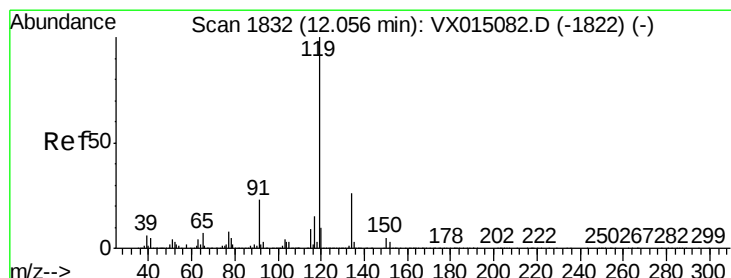
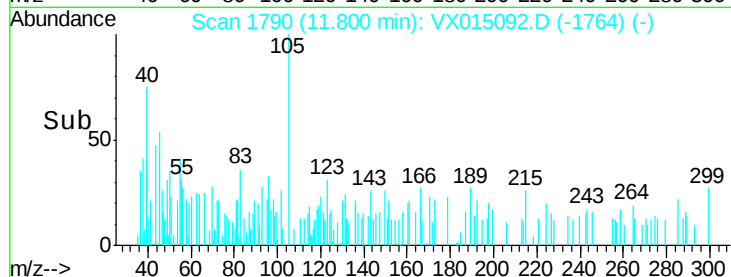
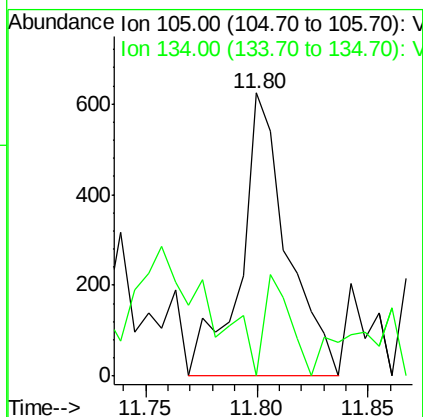
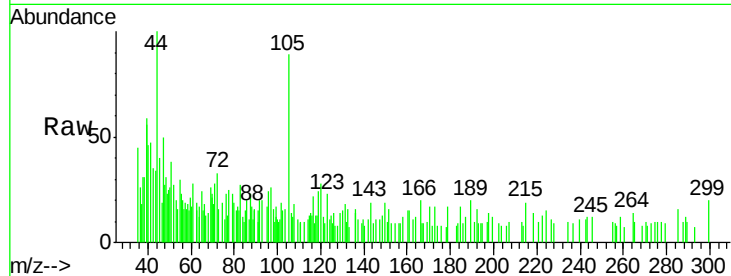




#85
 sec-Butylbenzene
 Concen: 0.054 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.14 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

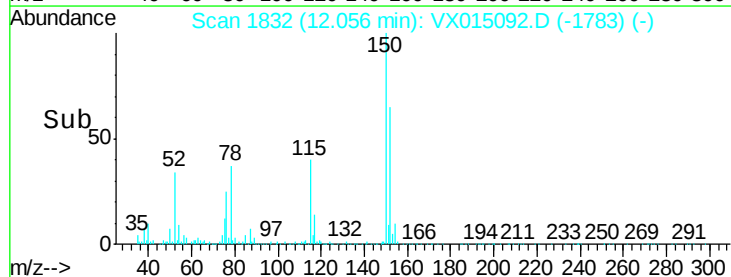
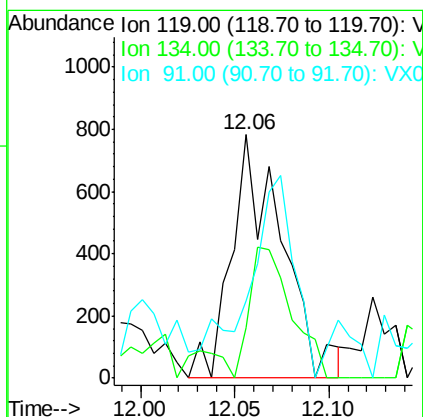
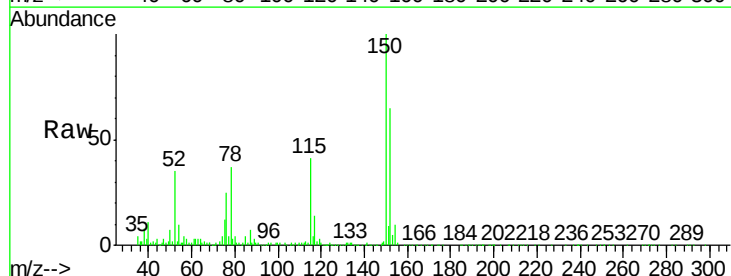
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200303

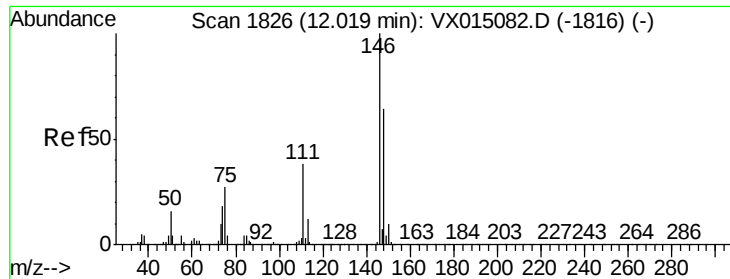
Tgt Ion:105 Resp: 903
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 0.094 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

Tgt Ion:119 Resp: 1465
 Ion Ratio Lower Upper
 119 100
 134 44.5 13.4 40.1#
 91 76.7 11.3 33.8#





#87

1,3-Dichlorobenzene

Concen: 0.115 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

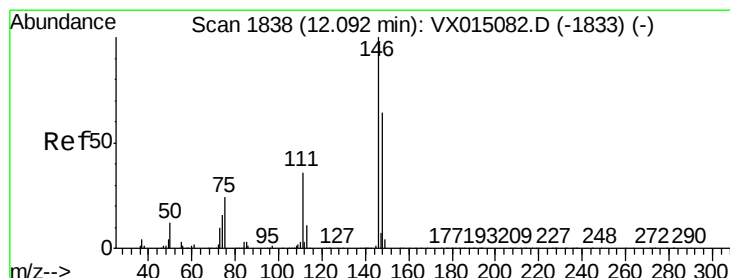
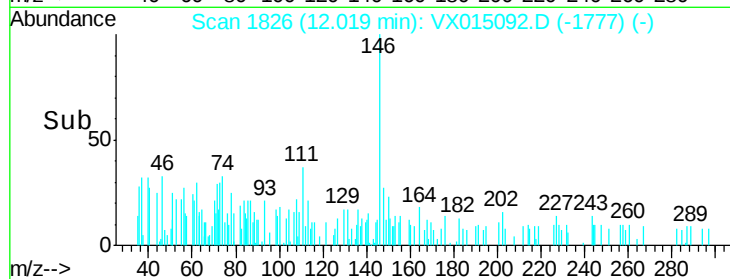
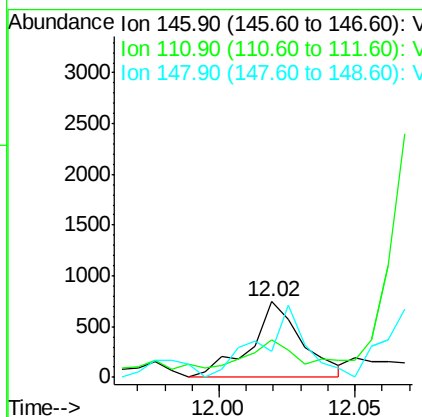
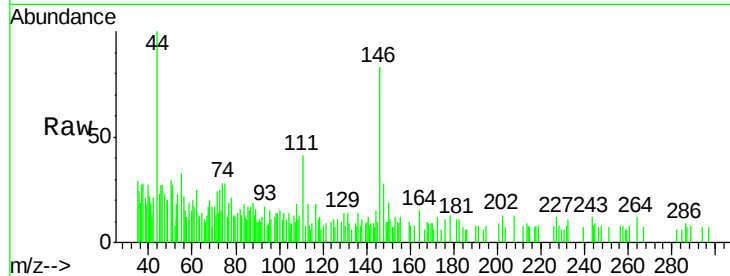
Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200303

Tgt Ion:146 Resp: 980

Ion	Ratio	Lower	Upper
146	100		
111	48.5	19.1	57.1
148	84.4	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 0.155 ug/l

RT: 12.09 min Scan# 1838

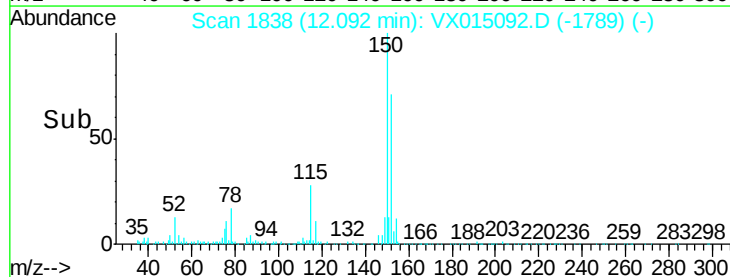
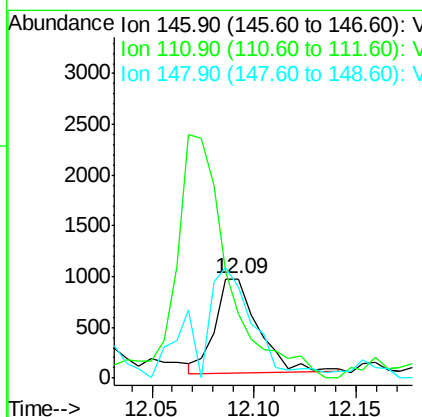
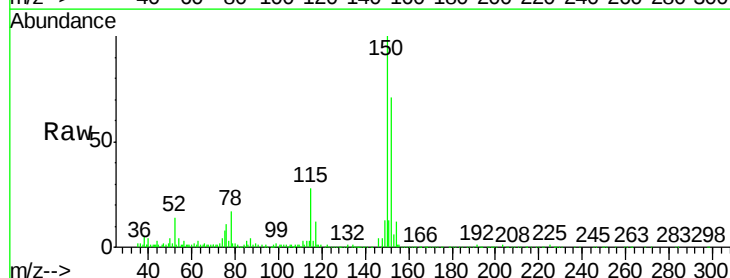
Delta R.T. 0.00 min

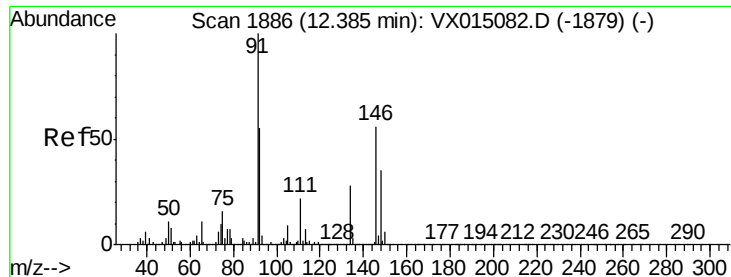
Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Tgt Ion:146 Resp: 1363

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.7	56.1#
148	152.8	32.5	97.4#





#89

n-Butylbenzene

Concen: 0.165 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015092.D

Acq: 04 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampled :

TB-01-200303

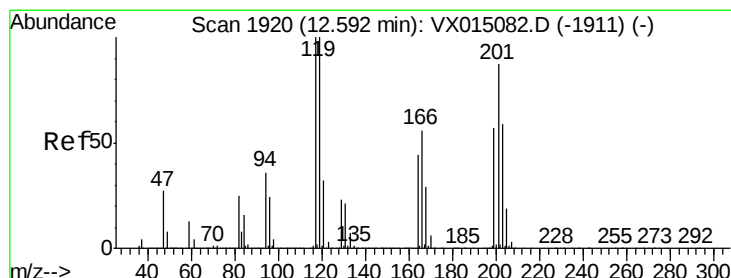
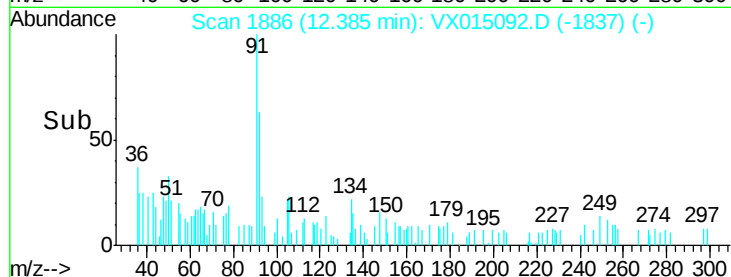
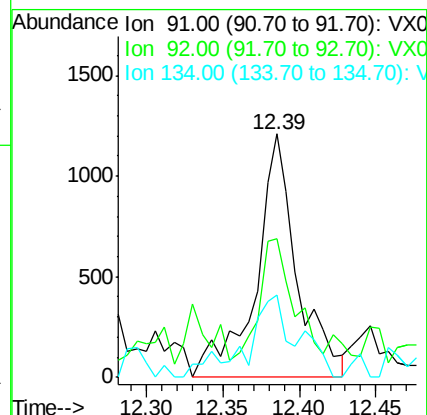
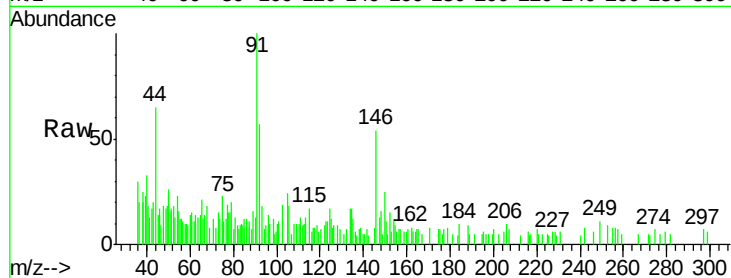
Tgt Ion: 91 Resp: 2271

Ion Ratio Lower Upper

91 100

92 47.0 27.2 81.6

134 17.4 13.5 40.5



#90

Hexachloroethane

Concen: 0.036 ug/l

RT: 12.53 min Scan# 1909

Delta R.T. -0.07 min

Lab File: VX015092.D

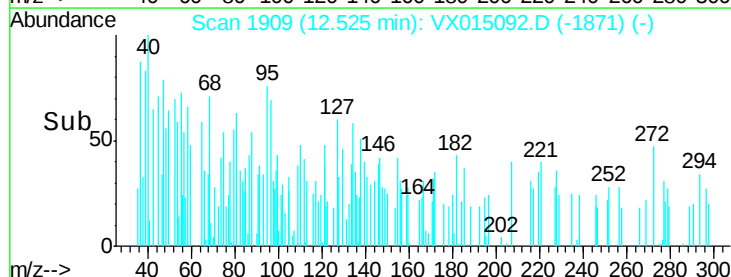
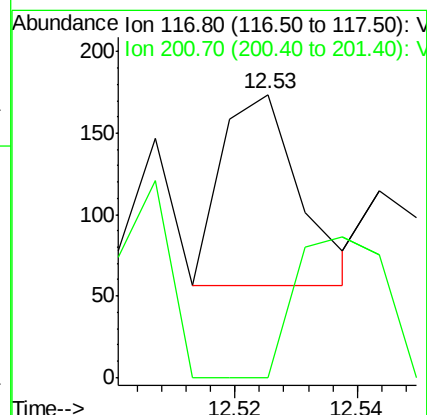
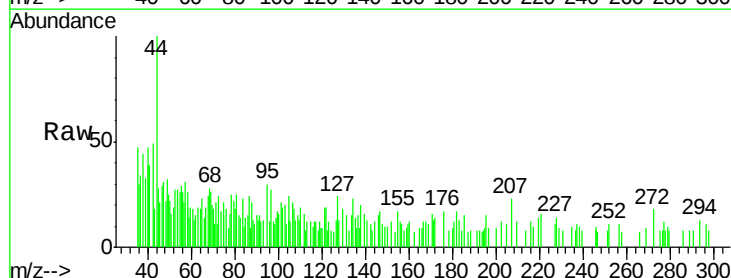
Acq: 04 Mar 2020 17:05

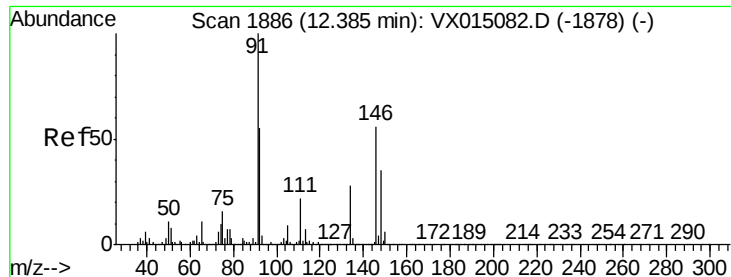
Tgt Ion: 117 Resp: 105

Ion Ratio Lower Upper

117 100

201 83.8 43.5 130.7

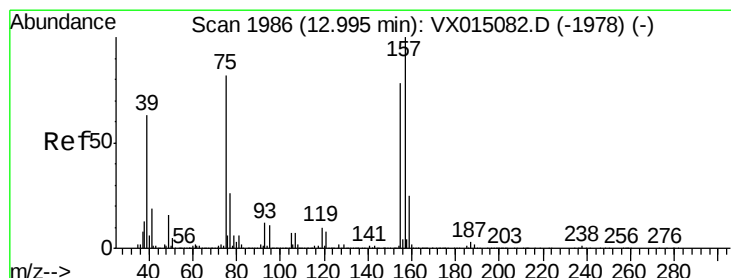
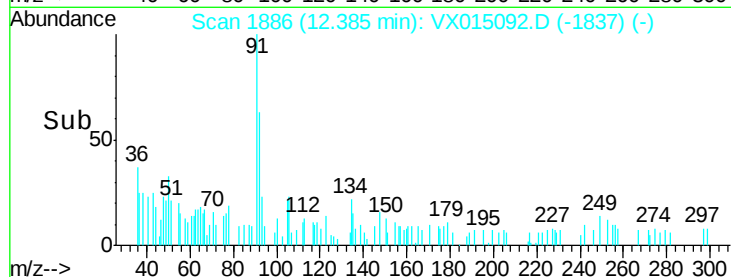
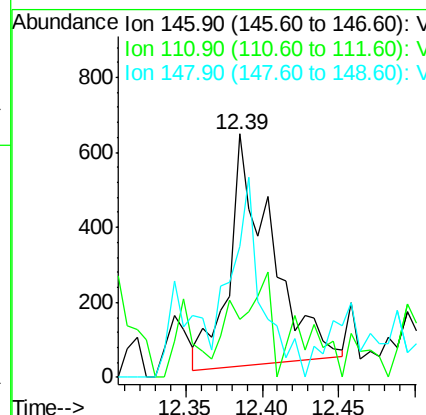
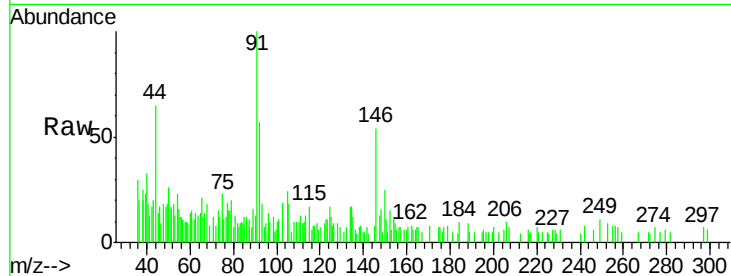




#91
 1,2-Dichlorobenzene
 Concen: 0.139 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

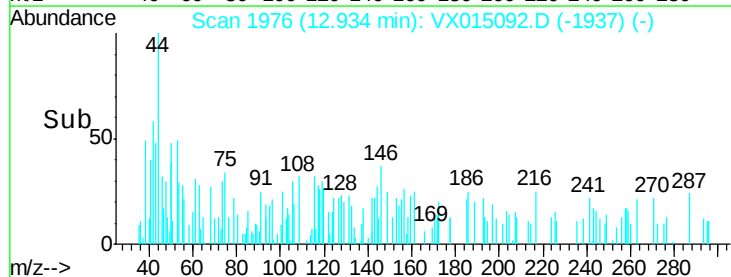
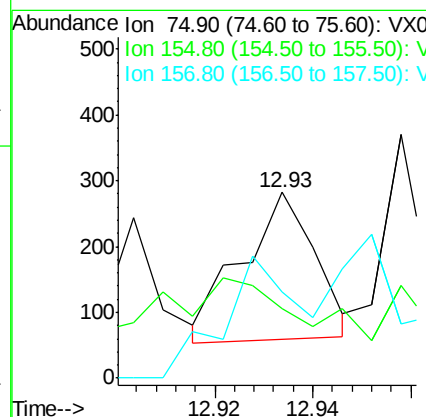
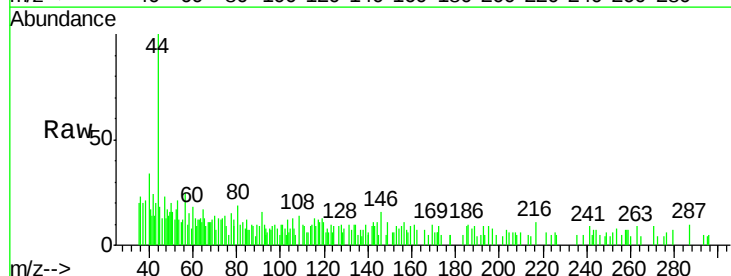
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200303

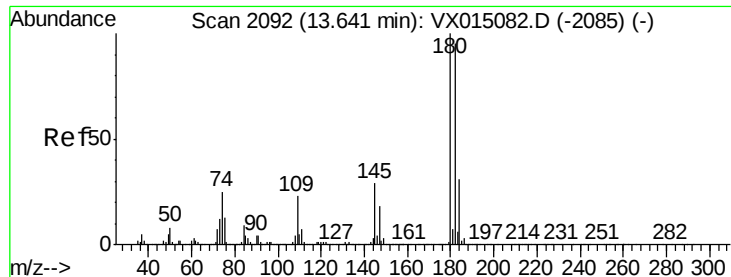
Tgt Ion: 146 Resp: 1176
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.9 59.7
 148 63.3 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.201 ug/l
 RT: 12.93 min Scan# 1976
 Delta R.T. -0.06 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

Tgt Ion: 75 Resp: 233
 Ion Ratio Lower Upper
 75 100
 155 135.6 46.6 139.7
 157 84.5 59.2 177.5

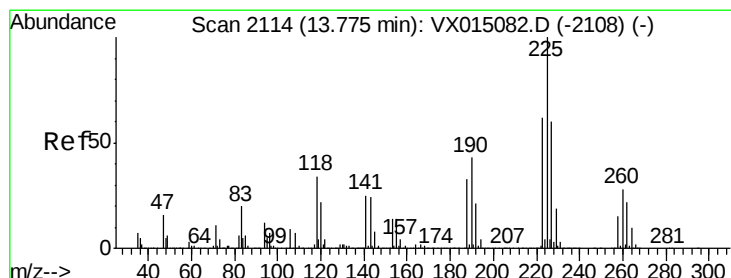
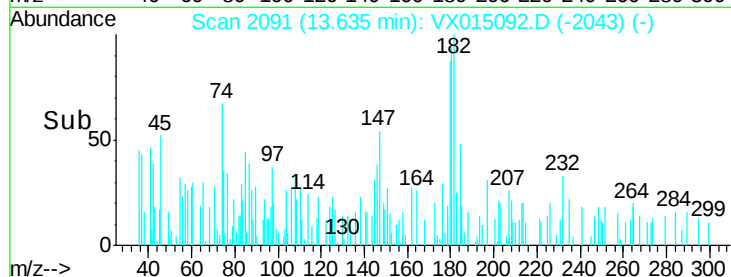
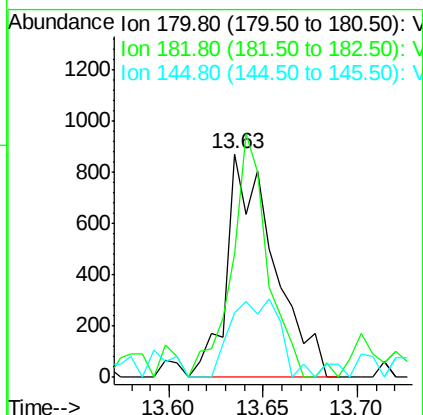
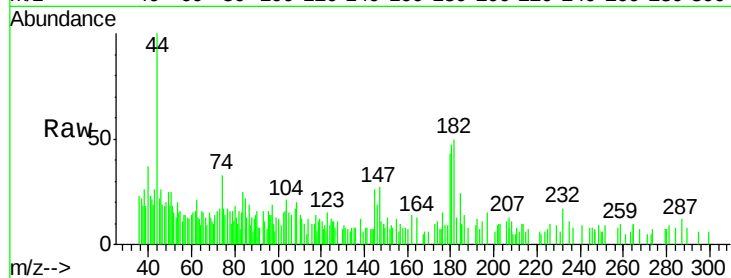




#93
 1,2,4-Trichlorobenzene
 Concen: 0.258 ug/l
 RT: 13.63 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

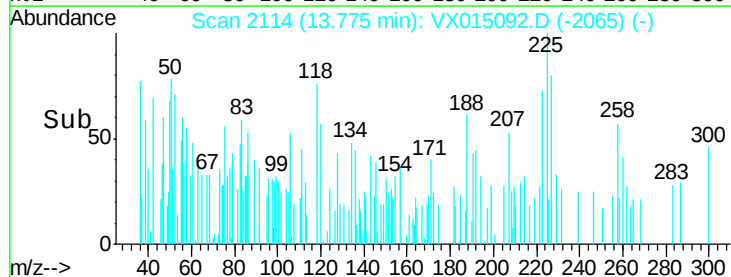
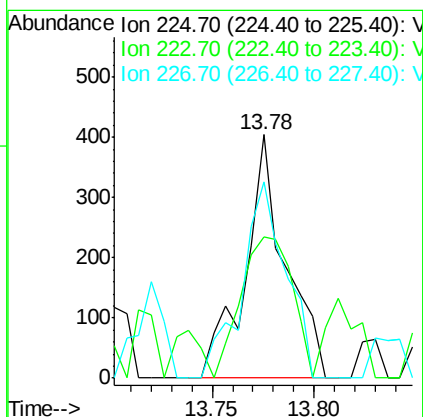
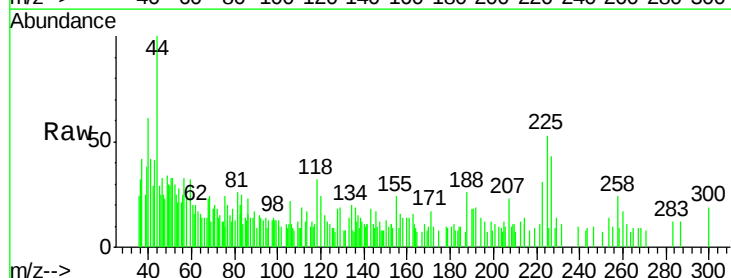
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200303

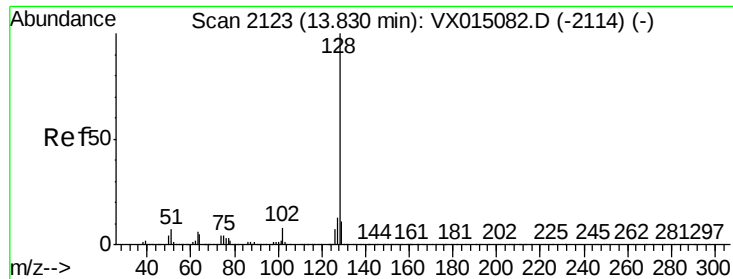
Tgt Ion:180 Resp: 1514
 Ion Ratio Lower Upper
 180 100
 182 82.1 47.6 142.8
 145 36.4 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 0.186 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015092.D
 Acq: 04 Mar 2020 17:05

Tgt Ion:225 Resp: 560
 Ion Ratio Lower Upper
 225 100
 223 73.6 31.3 93.9
 227 87.1 31.1 93.2

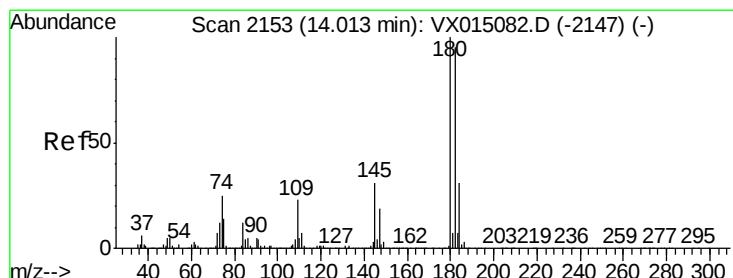
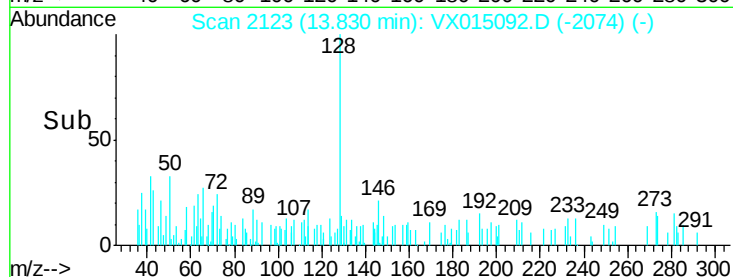
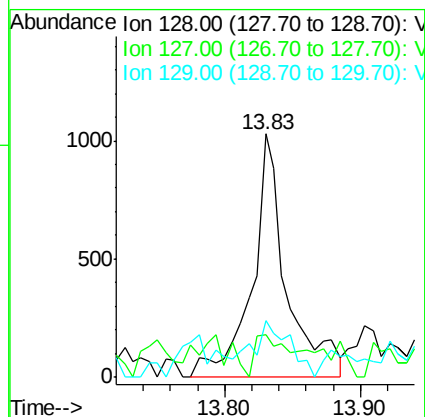
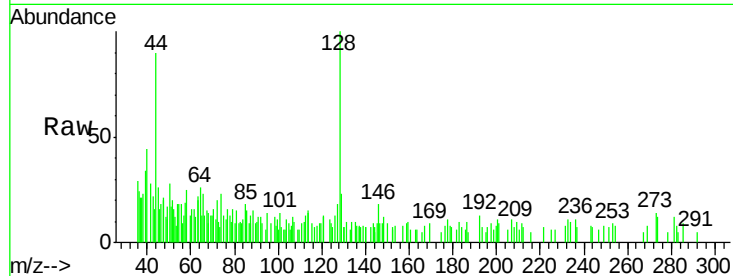




#95
Naphthalene
Concen: 1.519 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Instrument :
MSVOA_X
ClientSampled :
TB-01-200303

Tgt Ion:128 Resp: 1826
Ion Ratio Lower Upper
128 100
127 16.9 10.3 15.5#
129 25.2 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.142 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX015092.D
Acq: 04 Mar 2020 17:05

Tgt Ion:180 Resp: 830
Ion Ratio Lower Upper
180 100
182 81.1 47.8 143.4
145 53.1 15.1 45.3#

