

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030220\
 Data File : VX015064.D
 Acq On : 02 Mar 2020 11:24
 Operator : JC/SP
 Sample : VX0302WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Quant Time: Mar 02 16:06:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	376735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	554480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	518283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	272576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	213718	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	5.48	113	182923	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	8.71	98	675669	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.13	95	248645	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	62021	17.38	ug/l	100
3) Chloromethane	1.32	50	77835	19.24	ug/l	100
4) Vinyl Chloride	1.40	62	76460	17.55	ug/l	94
5) Bromomethane	1.64	94	51220	18.16	ug/l	98
6) Chloroethane	1.72	64	49549	17.77	ug/l	98
7) Trichlorofluoromethane	1.93	101	98941	16.25	ug/l	100
8) Diethyl Ether	2.18	74	47918	18.98	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68112	19.27	ug/l	98
10) Methyl Iodide	2.50	142	69882	20.56	ug/l	99
11) Tert butyl alcohol	3.01	59	80688	107.48	ug/l	98
12) 1,1-Dichloroethene	2.37	96	64469	18.67	ug/l	96
13) Acrolein	2.28	56	42526	74.33	ug/l	100
14) Allyl chloride	2.72	41	118434	19.34	ug/l	96
15) Acrylonitrile	3.12	53	210969	110.86	ug/l	99
16) Acetone	2.43	43	198793	79.59	ug/l	97
17) Carbon Disulfide	2.56	76	154866	16.05	ug/l	99
18) Methyl Acetate	2.76	43	103809	24.24	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	232500	20.69	ug/l	100
20) Methylene Chloride	2.85	84	77029	18.83	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	70033	18.38	ug/l	98
22) Diisopropyl ether	3.84	45	254701	21.78	ug/l	98
23) Vinyl Acetate	3.80	43	1049484	108.88	ug/l	99
24) 1,1-Dichloroethane	3.69	63	131944	19.99	ug/l	98
25) 2-Butanone	4.65	43	294636	101.79	ug/l	99
26) 2,2-Dichloropropane	4.57	77	105498	18.55	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	83402	19.58	ug/l	99
28) Bromochloromethane	5.01	49	62289	24.35	ug/l	93
29) Tetrahydrofuran	5.11	42	182235	110.75	ug/l	98
30) Chloroform	5.20	83	129838	19.83	ug/l	97
31) Cyclohexane	5.57	56	114848	19.11	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	108054	18.87	ug/l	99
36) 1,1-Dichloropropene	5.79	75	95099	19.17	ug/l	99
37) Ethyl Acetate	4.81	43	111784	21.61	ug/l	99
38) Carbon Tetrachloride	5.77	117	92179	19.07	ug/l	97

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Instrument :
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Quant Time: Mar 02 16:06:57 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	111958	18.05	ug/l	95
40) Benzene	6.13	78	293147	19.78	ug/l	99
41) Methacrylonitrile	5.02	41	60819	21.82	ug/l	99
42) 1,2-Dichloroethane	6.18	62	105759	19.75	ug/l	100
43) Isopropyl Acetate	6.43	43	180169	21.11	ug/l	99
44) Trichloroethene	7.20	130	79547	18.49	ug/l	96
45) 1,2-Dichloropropane	7.50	63	81640	21.60	ug/l	98
46) Dibromomethane	7.65	93	51827	20.06	ug/l	96
47) Bromodichloromethane	7.89	83	100586	19.64	ug/l	100
48) Methyl methacrylate	7.76	41	88540	21.08	ug/l	98
49) 1,4-Dioxane	7.73	88	33804	430.50	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	572333	111.07	ug/l	100
52) Toluene	8.78	92	183168	19.46	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	109829	19.56	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	121528	19.60	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	79374	20.84	ug/l	97
56) Ethyl methacrylate	9.17	69	117182	20.47	ug/l	100
57) 1,3-Dichloropropane	9.36	76	133712	20.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	325182	108.63	ug/l	98
59) 2-Hexanone	9.48	43	433033	106.91	ug/l	100
60) Dibromochloromethane	9.57	129	80381	19.61	ug/l	95
61) 1,2-Dibromoethane	9.67	107	81005	19.71	ug/l	100
64) Tetrachloroethene	9.33	164	80907	16.70	ug/l	98
65) Chlorobenzene	10.13	112	202943	19.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	76456	20.03	ug/l	99
67) Ethyl Benzene	10.25	91	349879	19.57	ug/l	99
68) m/p-Xylenes	10.36	106	268243	38.95	ug/l	99
69) o-Xylene	10.69	106	128096	19.35	ug/l	100
70) Styrene	10.71	104	222868	19.90	ug/l	99
71) Bromoform	10.85	173	62104	19.50	ug/l #	98
73) Isopropylbenzene	11.01	105	344275	20.14	ug/l	100
74) N-amyl acetate	10.89	43	149505	21.05	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	121871	21.81	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	134907	27.37	ug/l	93
77) Bromobenzene	11.25	156	92554	19.40	ug/l	99
78) n-propylbenzene	11.35	91	399586	20.21	ug/l	99
79) 2-Chlorotoluene	11.42	91	228414	19.65	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	280125	19.61	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36487	18.95	ug/l	95
82) 4-Chlorotoluene	11.51	91	264275	19.20	ug/l	99
83) tert-Butylbenzene	11.76	119	271862	20.10	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	284720	19.78	ug/l	99
85) sec-Butylbenzene	11.94	105	340234	20.25	ug/l	100
86) p-Isopropyltoluene	12.06	119	310601	19.75	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	164722	19.25	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	164941	18.87	ug/l	99
89) n-Butylbenzene	12.39	91	248150	17.62	ug/l	99
90) Hexachloroethane	12.59	117	49522	18.04	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	149744	17.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23579	17.99	ug/l	100

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Quant Title : SW846 8260
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Response via : Initial Calibration

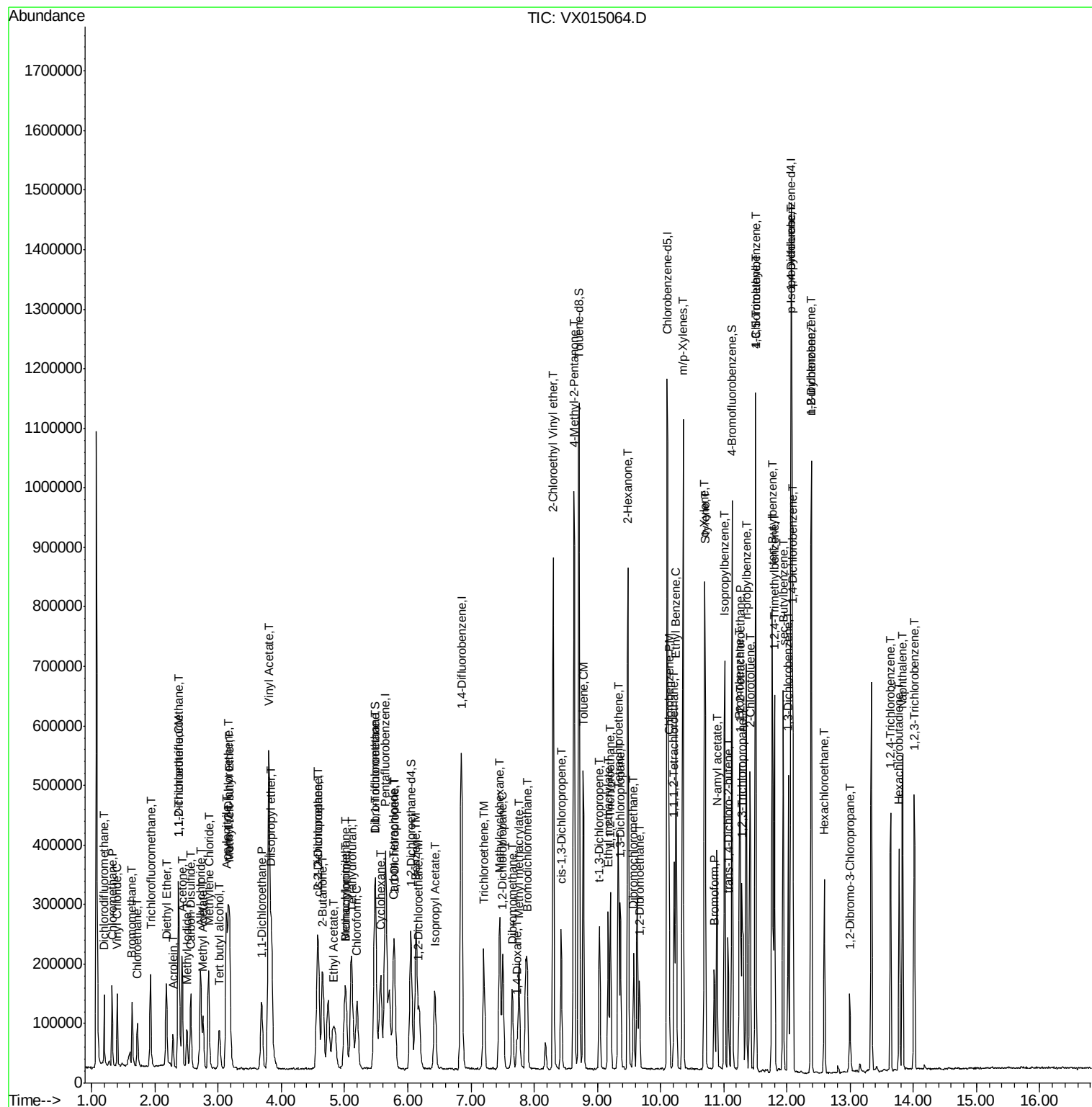
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	112088	18.09	ug/l	99
94) Hexachlorobutadiene	13.78	225	58212	19.43	ug/l	95
95) Naphthalene	13.83	128	337037	20.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	114901	19.20	ug/l	98

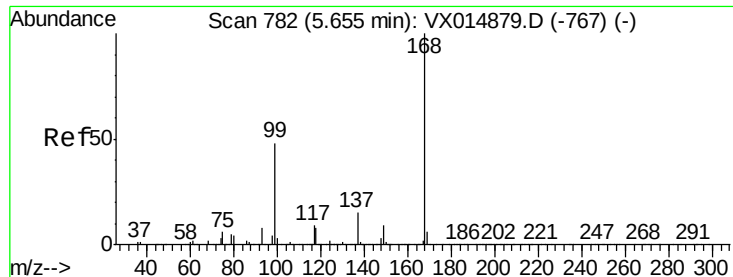
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

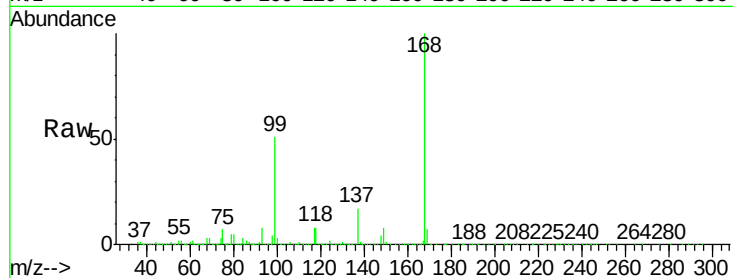
VX0302WBSD01

Tgt Ion:168 Resp: 376735

Ion Ratio Lower Upper

168 100

99 50.7 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

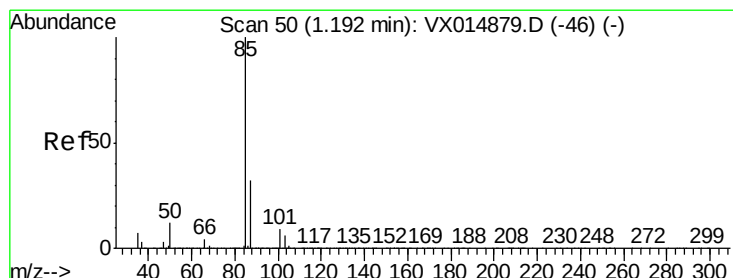
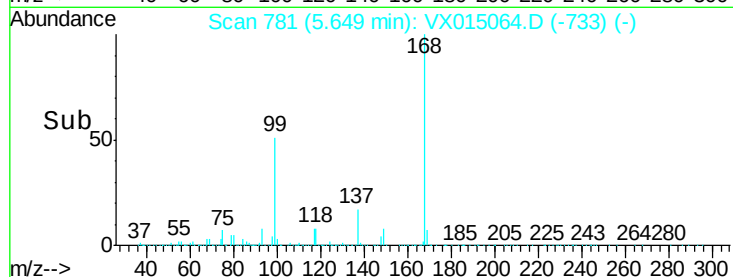
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.38 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015064.D

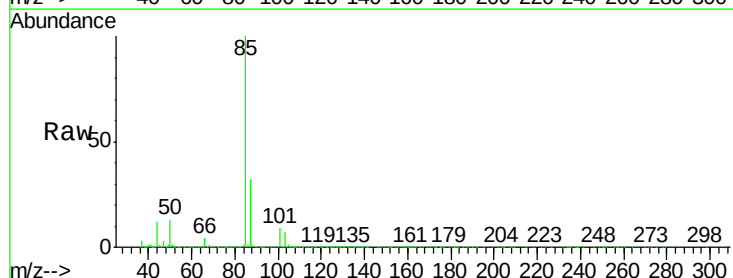
Acq: 02 Mar 2020 11:24

Tgt Ion: 85 Resp: 62021

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

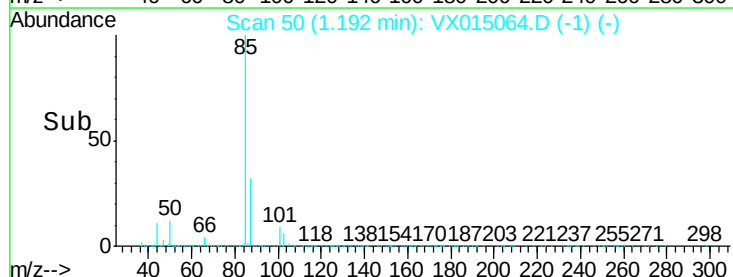
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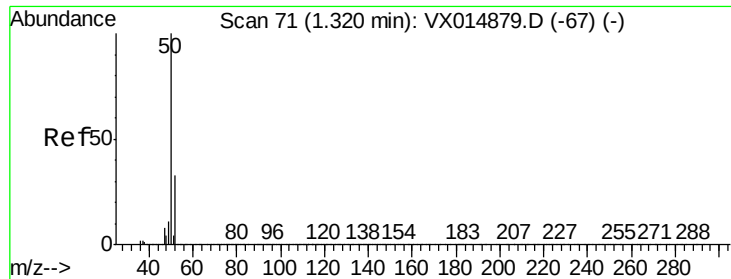
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.24 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

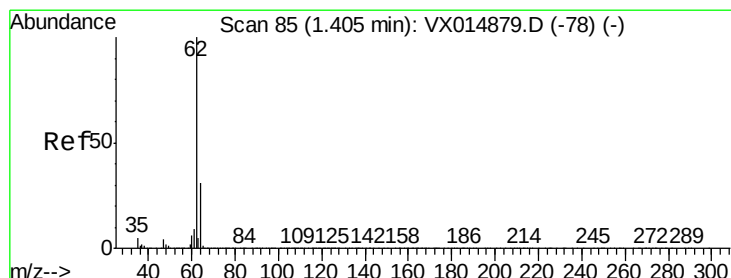
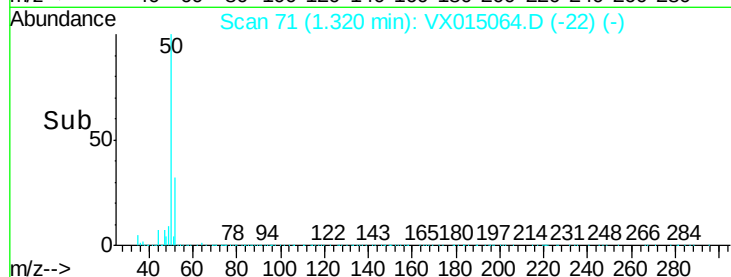
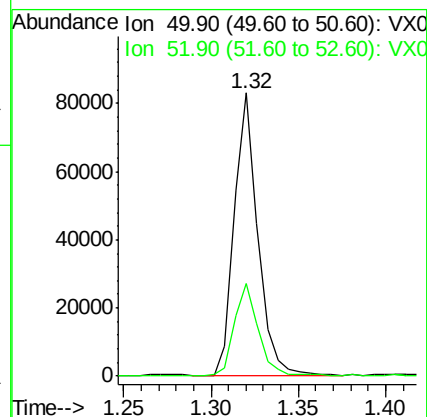
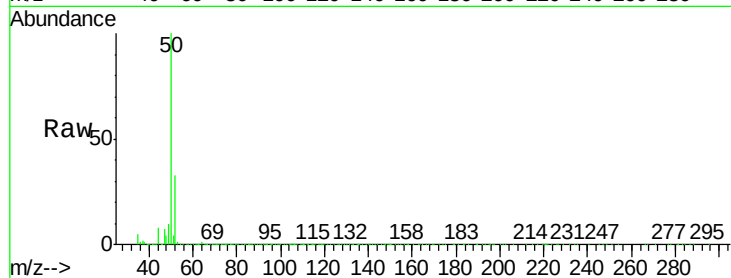
VX0302WBSD01

Tgt Ion: 50 Resp: 77835

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 17.55 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015064.D

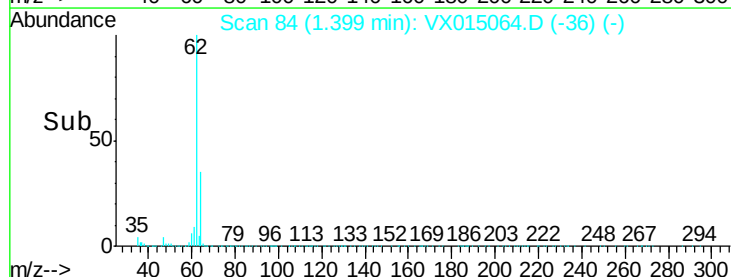
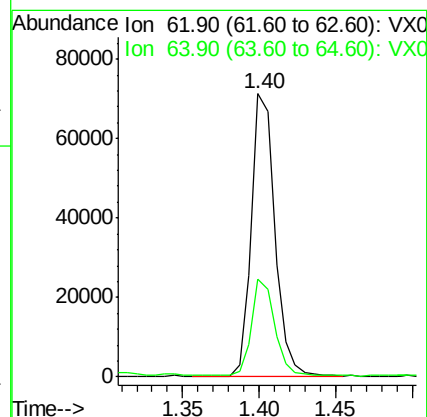
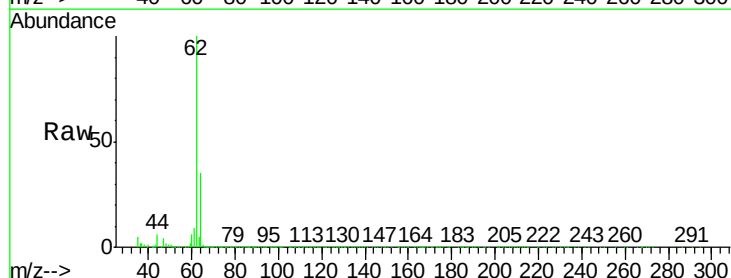
Acq: 02 Mar 2020 11:24

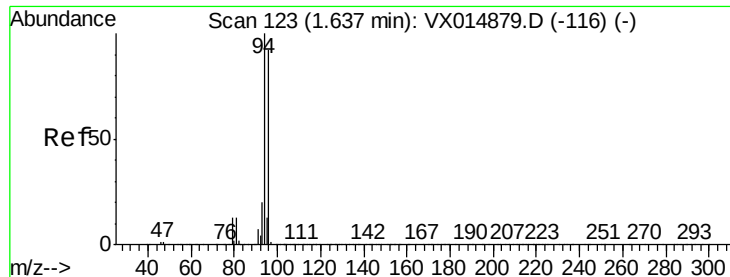
Tgt Ion: 62 Resp: 76460

Ion Ratio Lower Upper

62 100

64 34.1 24.8 37.2





#5

Bromomethane

Concen: 18.16 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

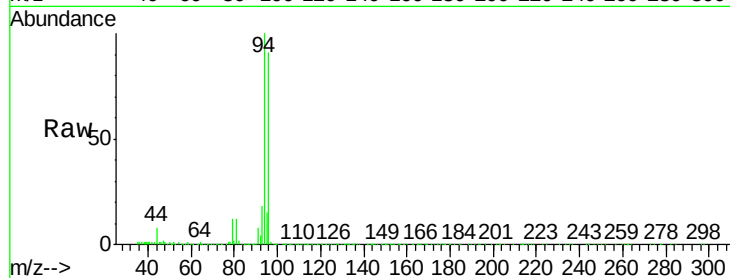
VX0302WBSD01

Tgt Ion: 94 Resp: 51220

Ion Ratio Lower Upper

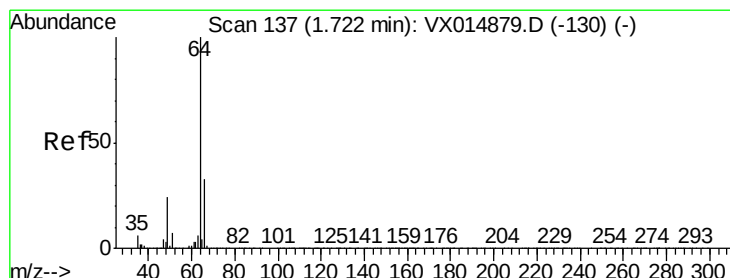
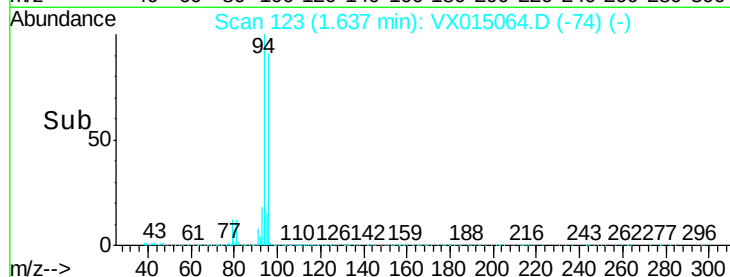
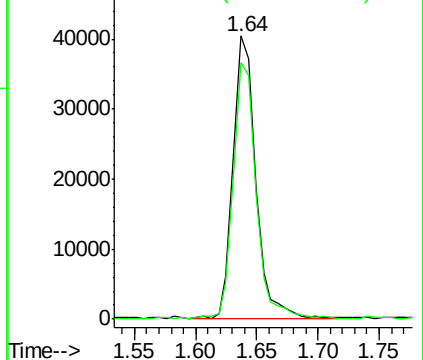
94 100

96 90.7 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.77 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015064.D

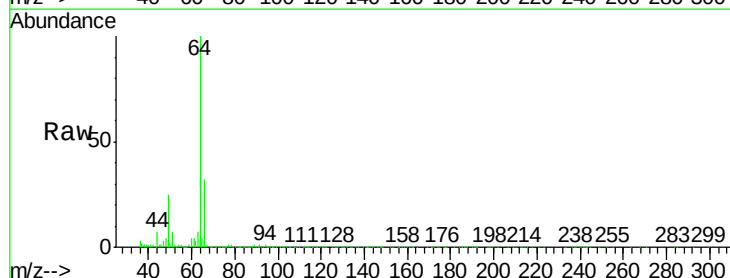
Acq: 02 Mar 2020 11:24

Tgt Ion: 64 Resp: 49549

Ion Ratio Lower Upper

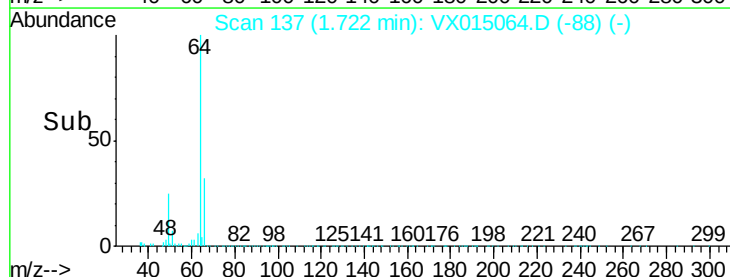
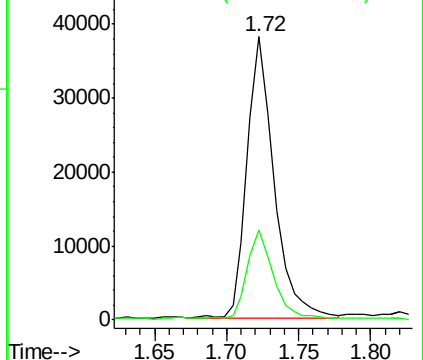
64 100

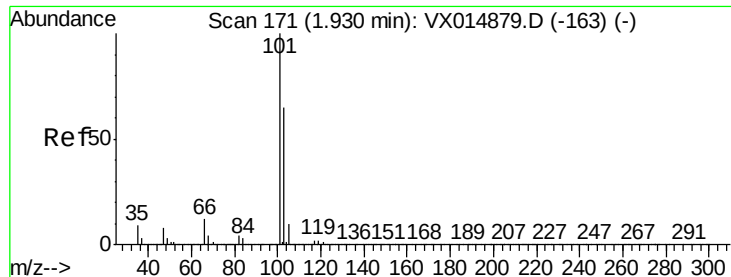
66 31.7 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



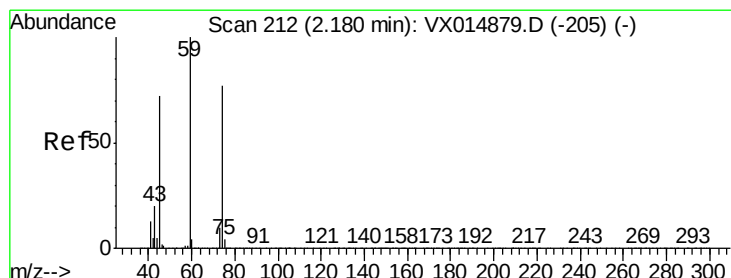
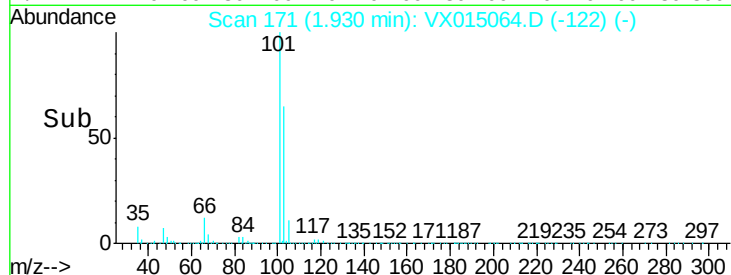
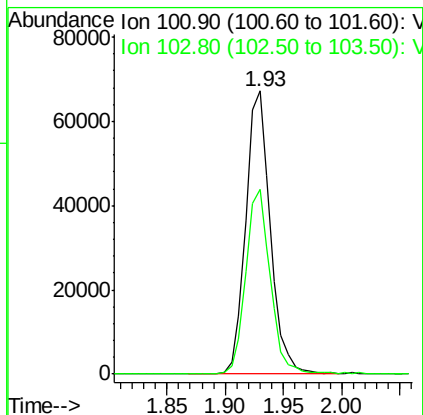
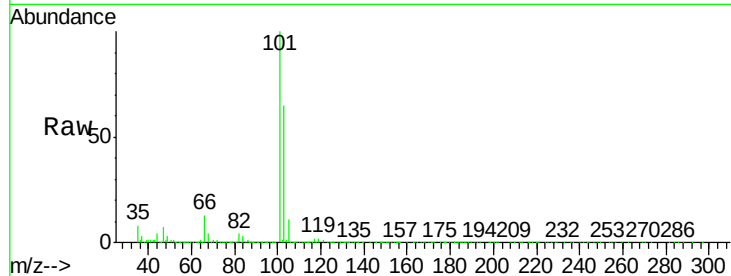


#7

Trichlorofluoromethane
 Concen: 16.25 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

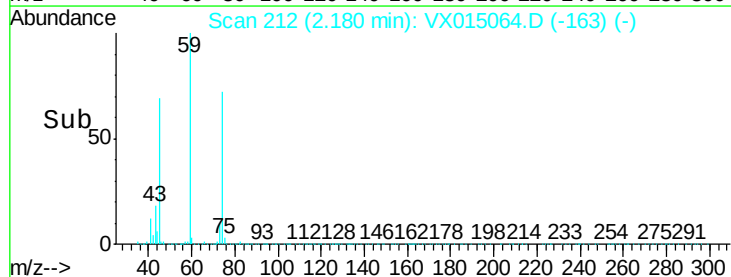
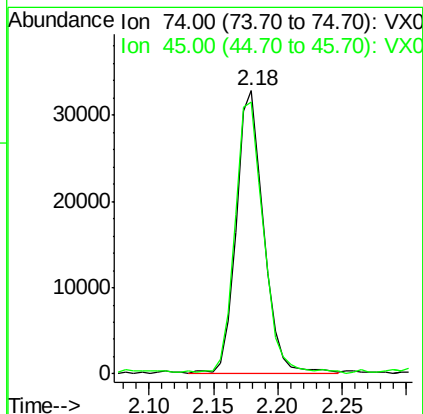
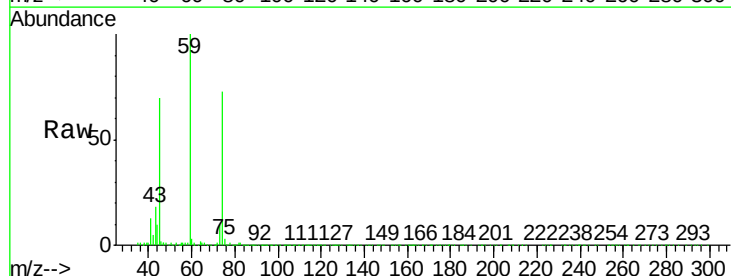
Tgt Ion:101 Resp: 98941
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

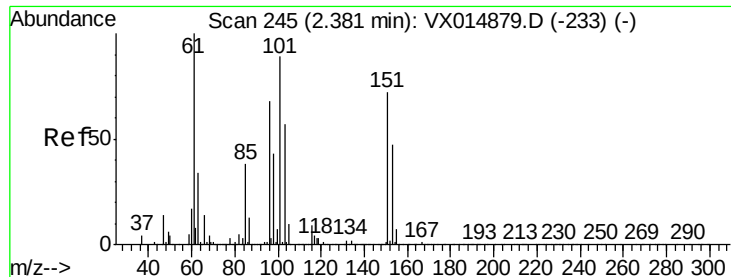


#8

Diethyl Ether
 Concen: 18.98 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion: 74 Resp: 47918
 Ion Ratio Lower Upper
 74 100
 45 103.1 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.27 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

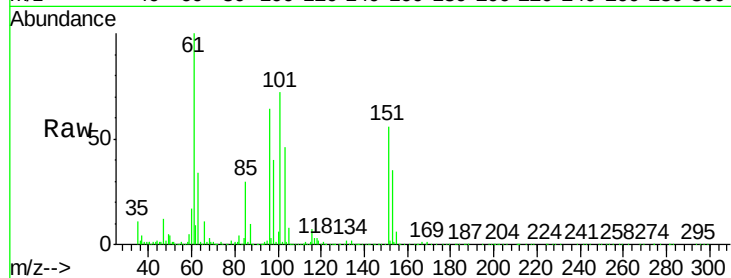
Tgt Ion:101 Resp: 68112

Ion Ratio Lower Upper

101 100

85 43.6 34.1 51.1

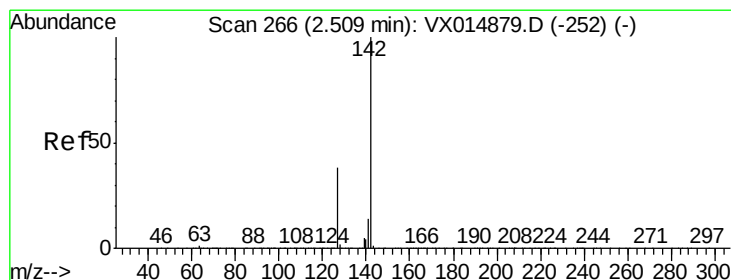
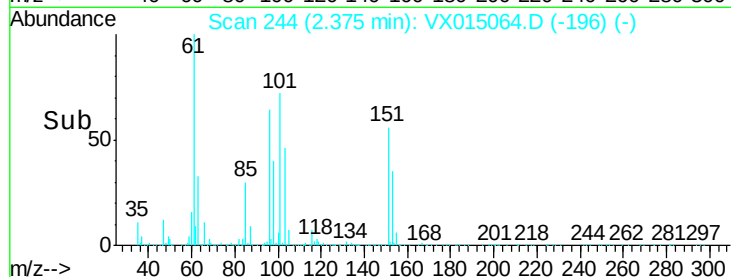
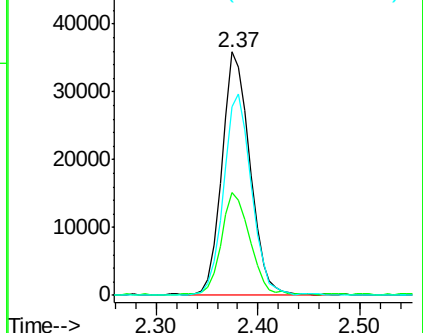
151 82.4 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.56 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

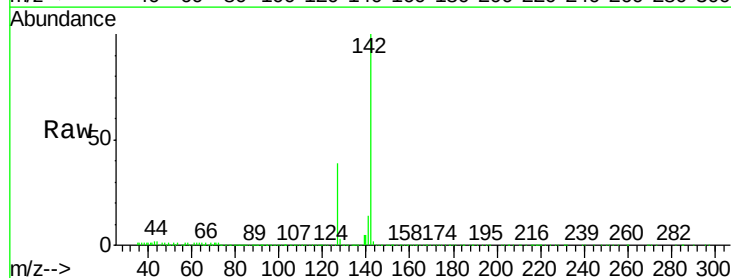
Tgt Ion:142 Resp: 69882

Ion Ratio Lower Upper

142 100

127 39.2 31.1 46.7

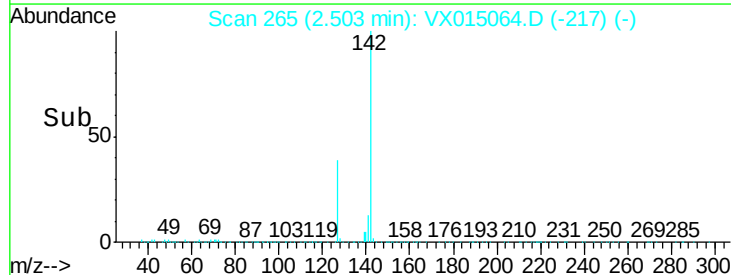
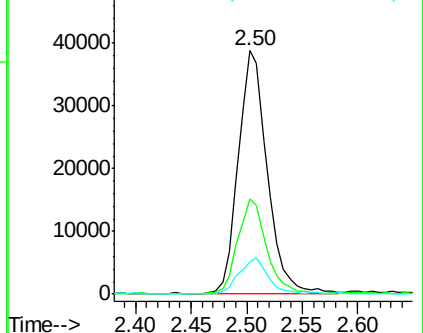
141 14.7 11.3 16.9

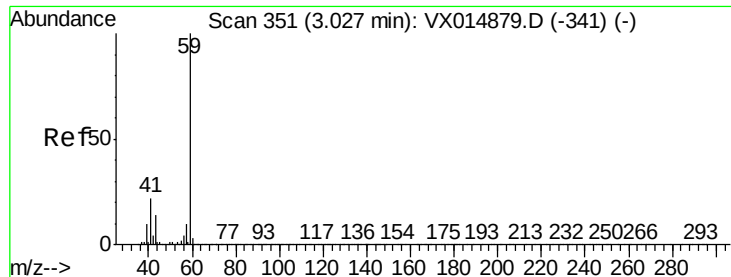


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



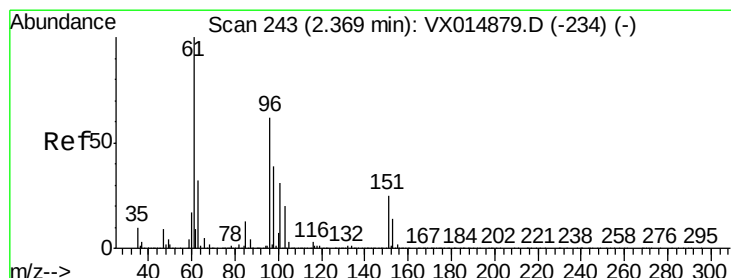
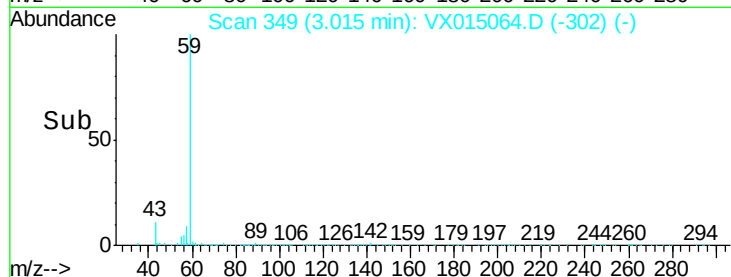
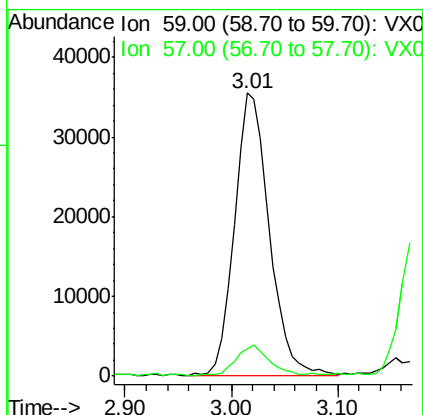
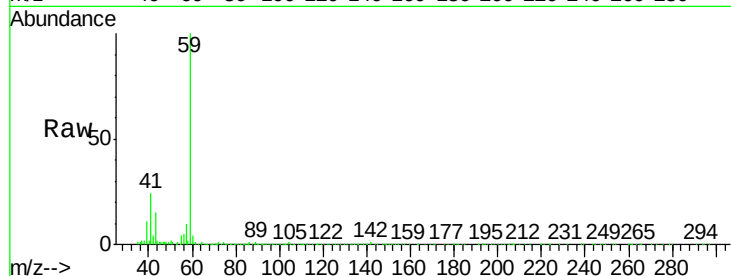


#11

Tert butyl alcohol
Concen: 107.48 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

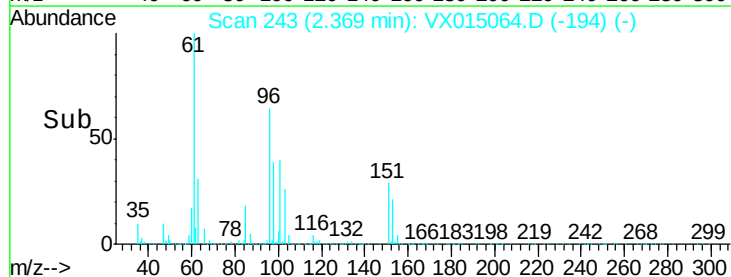
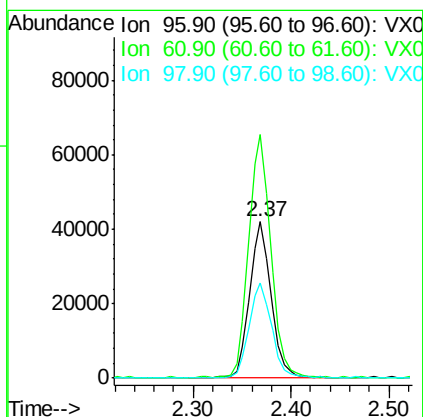
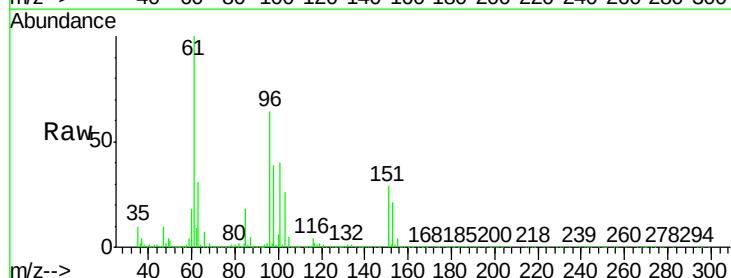
Tgt Ion: 59 Resp: 80688
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4

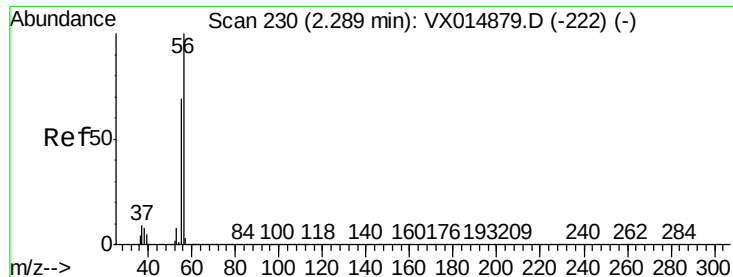


#12

1,1-Dichloroethene
Concen: 18.67 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion: 96 Resp: 64469
Ion Ratio Lower Upper
96 100
61 155.4 129.5 194.3
98 60.7 50.6 76.0





#13

Acrolein

Concen: 74.33 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

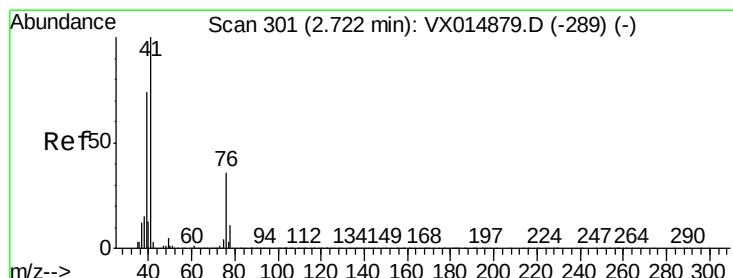
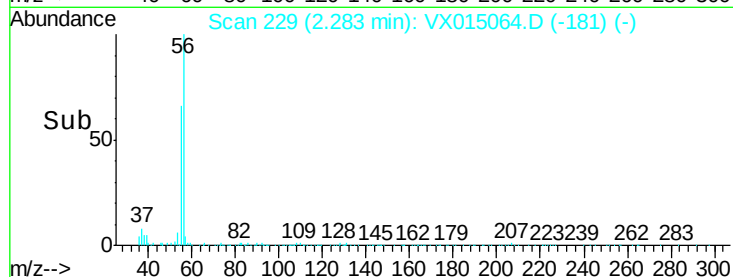
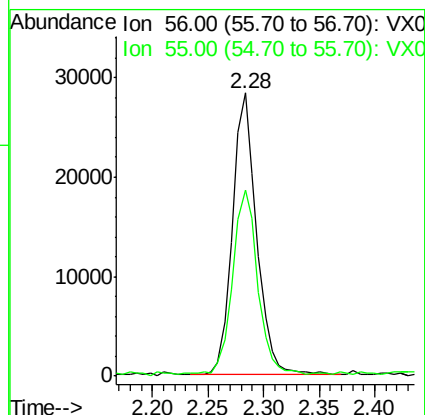
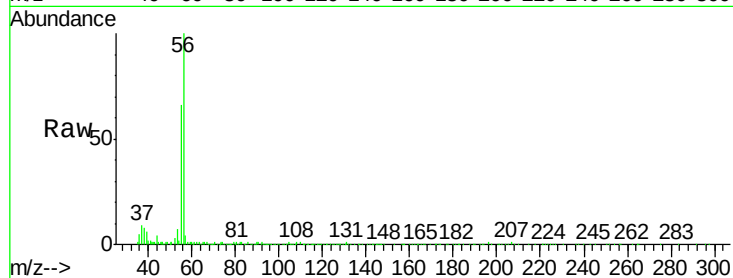
VX0302WBSD01

Tgt Ion: 56 Resp: 42526

Ion Ratio Lower Upper

56 100

55 68.5 55.0 82.4



#14

Allyl chloride

Concen: 19.34 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

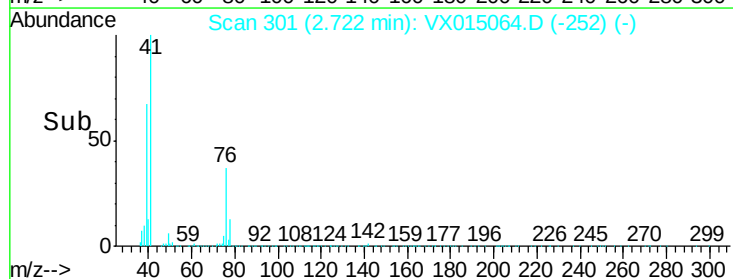
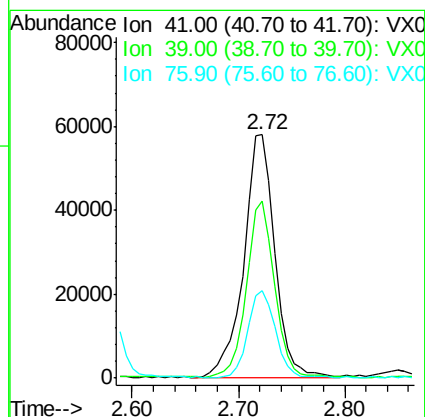
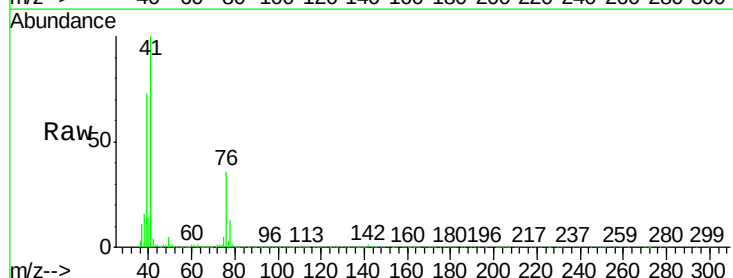
Tgt Ion: 41 Resp: 118434

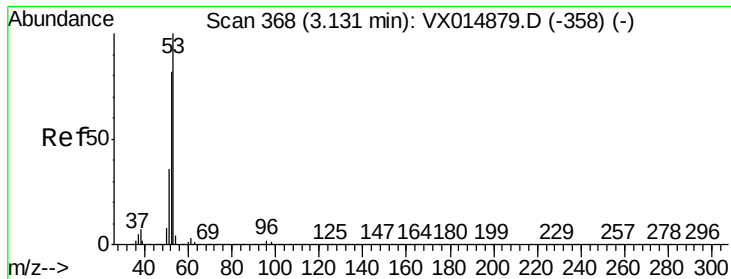
Ion Ratio Lower Upper

41 100

39 65.8 55.2 82.8

76 31.8 26.8 40.2





#15

Acrylonitrile

Concen: 110.86 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

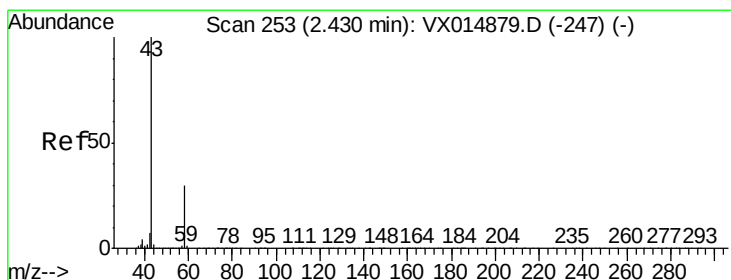
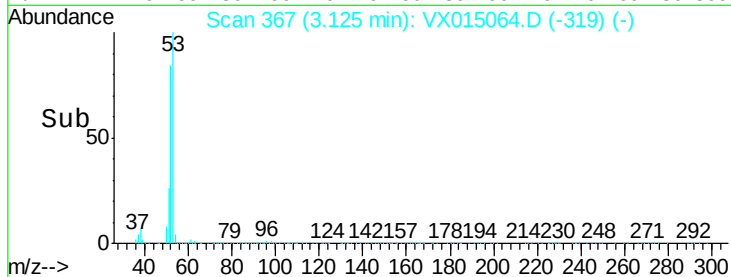
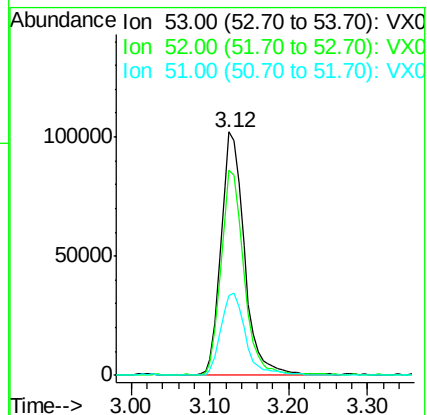
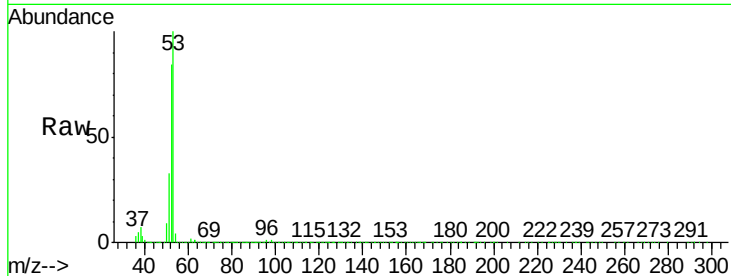
Tgt Ion: 53 Resp: 210969

Ion Ratio Lower Upper

53 100

52 81.8 65.8 98.6

51 35.3 29.1 43.7



#16

Acetone

Concen: 79.59 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015064.D

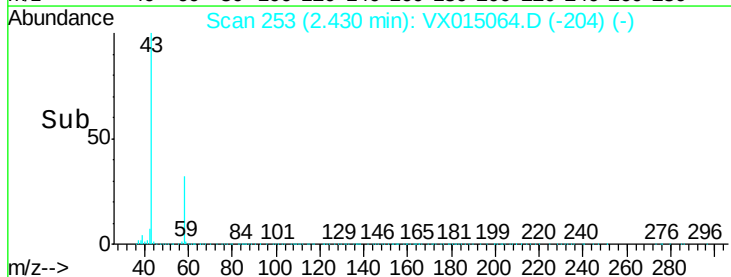
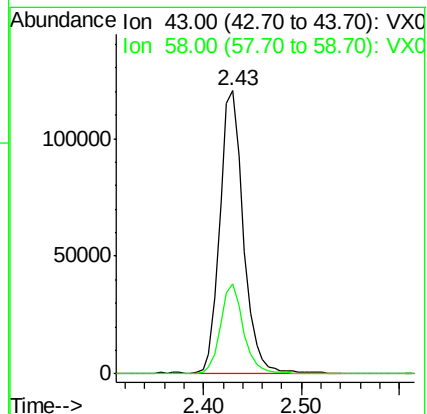
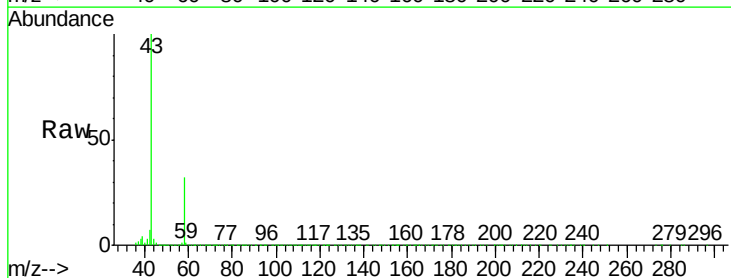
Acq: 02 Mar 2020 11:24

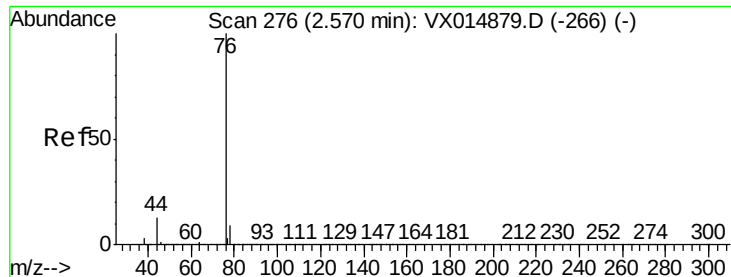
Tgt Ion: 43 Resp: 198793

Ion Ratio Lower Upper

43 100

58 32.0 24.1 36.1

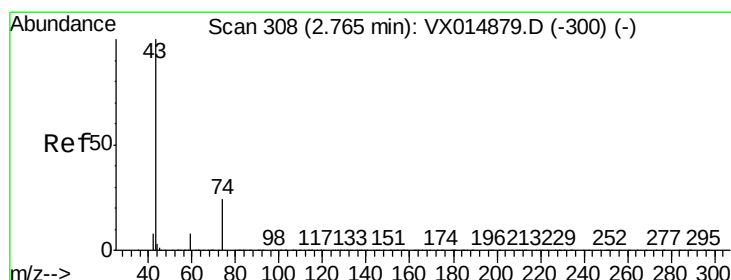
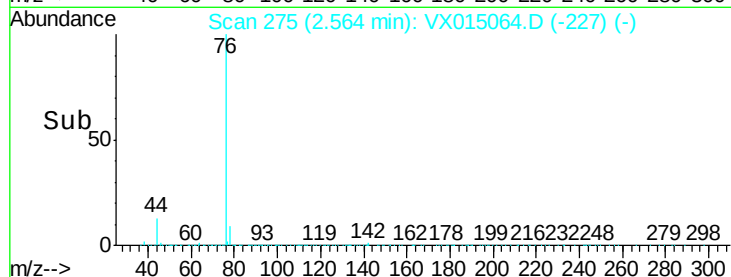
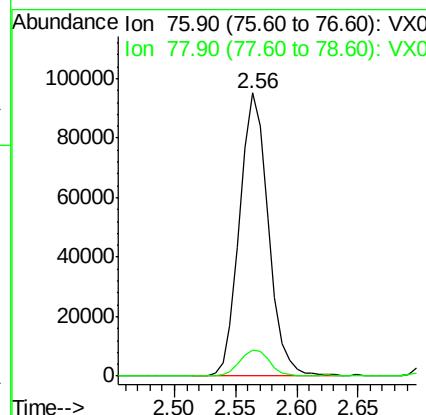
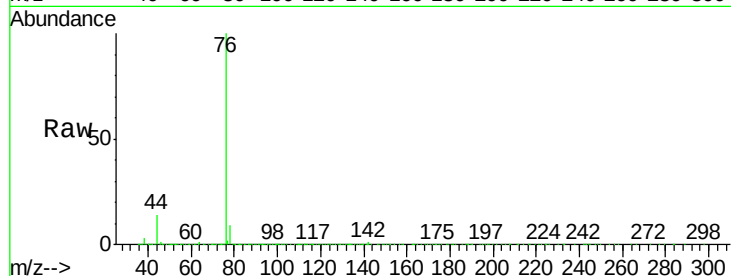




#17
Carbon Disulfide
Concen: 16.05 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

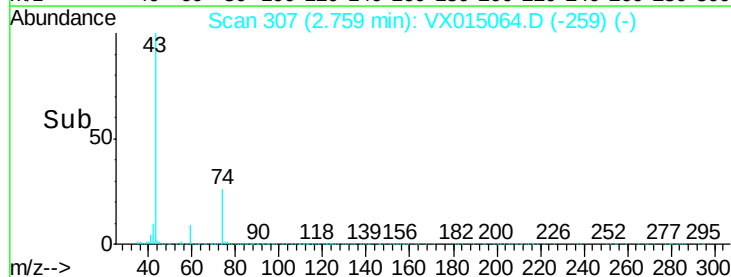
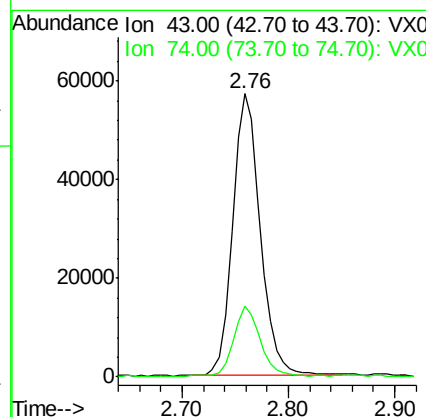
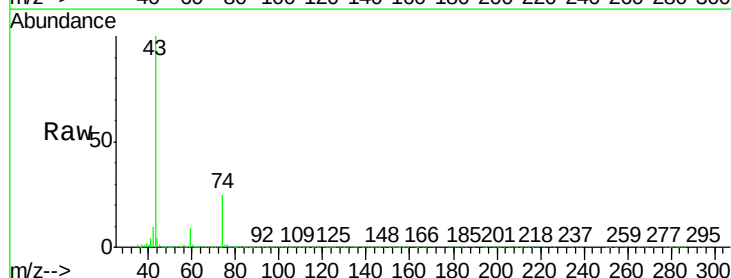
Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

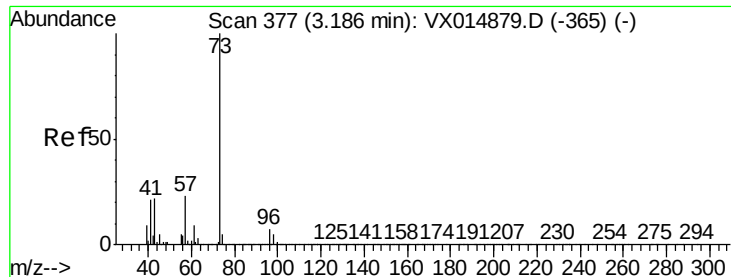
Tgt Ion: 76 Resp: 154866
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 24.24 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion: 43 Resp: 103809
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 20.69 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

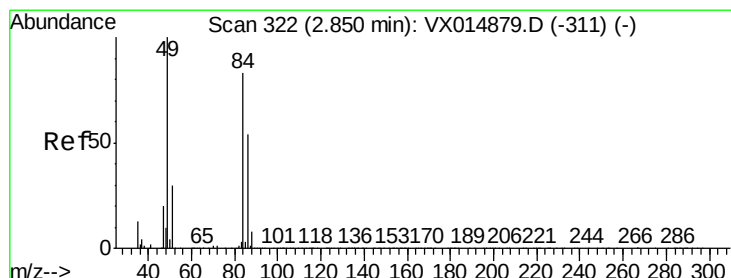
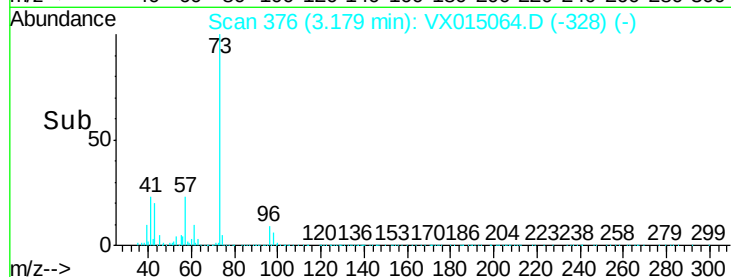
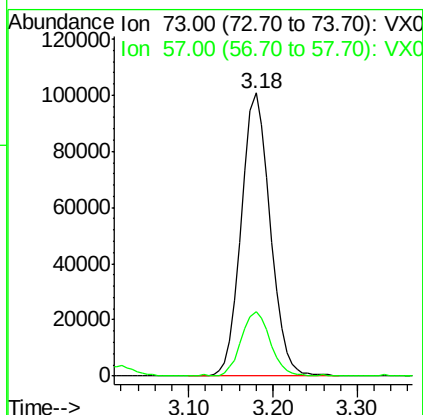
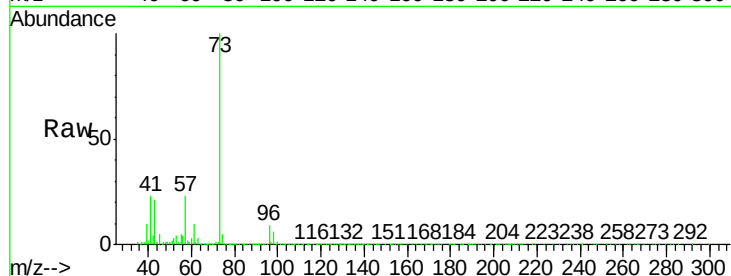
VX0302WBSD01

Tgt Ion: 73 Resp: 232500

Ion Ratio Lower Upper

73 100

57 22.8 18.2 27.4



#20

Methylene Chloride

Concen: 18.83 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion: 84 Resp: 77029

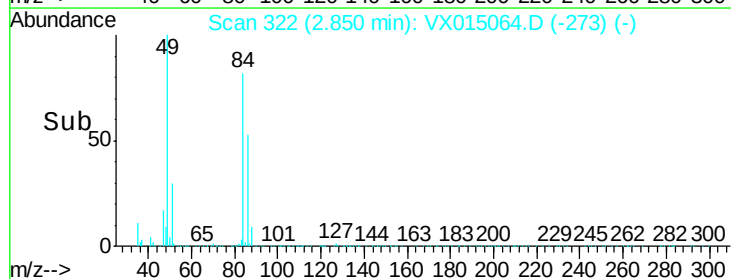
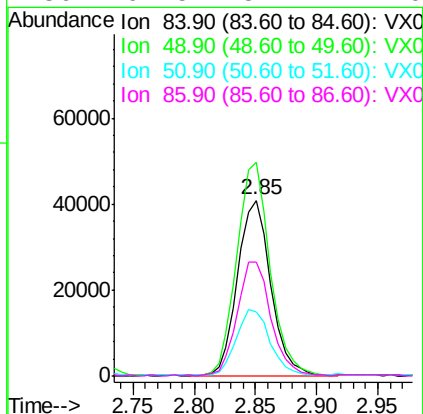
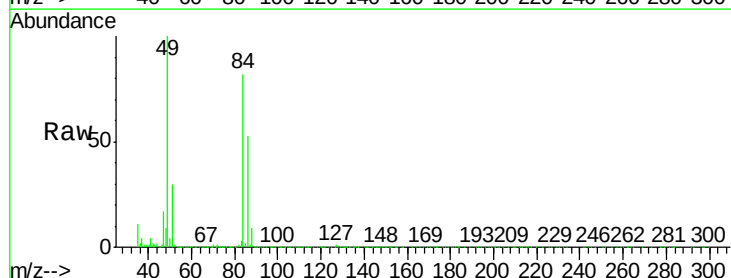
Ion Ratio Lower Upper

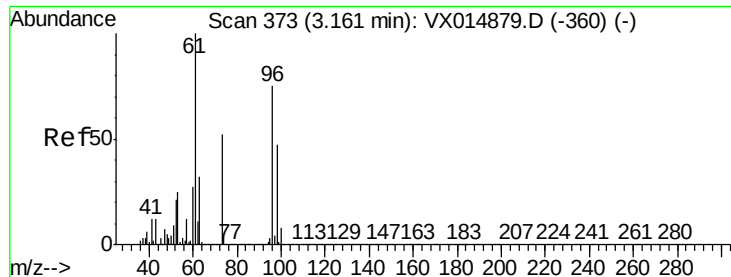
84 100

49 121.8 95.6 143.4

51 36.3 29.0 43.6

86 64.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.38 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

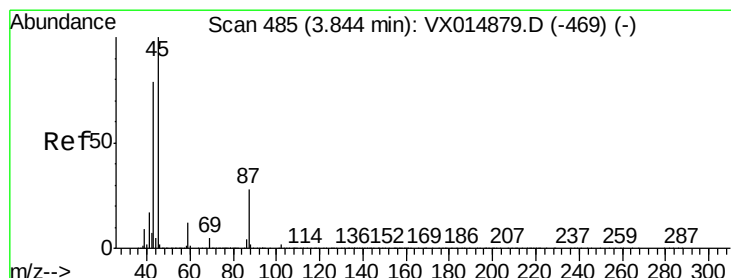
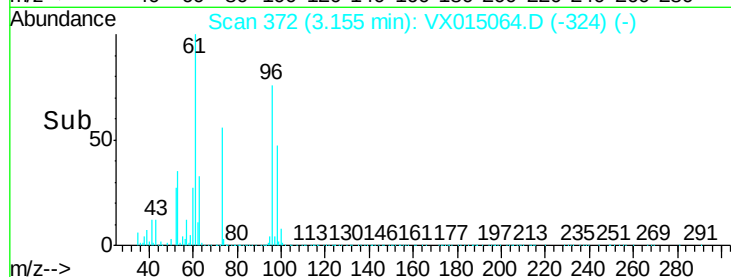
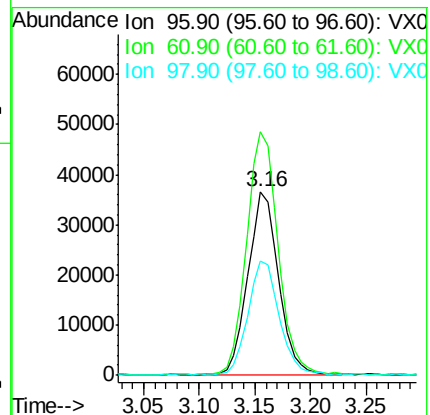
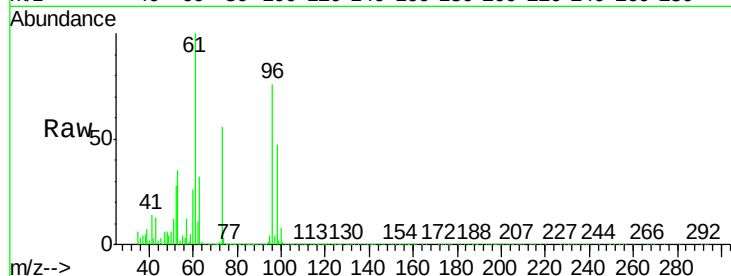
Tgt Ion: 96 Resp: 70033

Ion Ratio Lower Upper

96 100

61 132.1 106.9 160.3

98 61.8 50.7 76.1



#22

Diisopropyl ether

Concen: 21.78 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion: 45 Resp: 254701

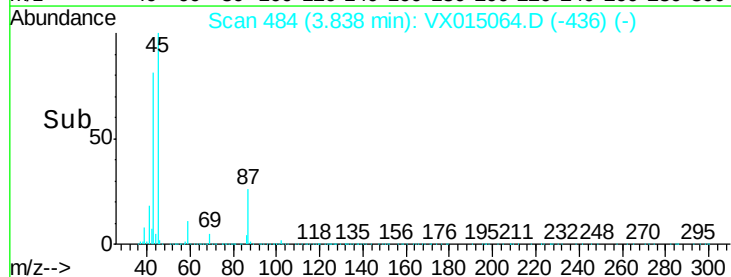
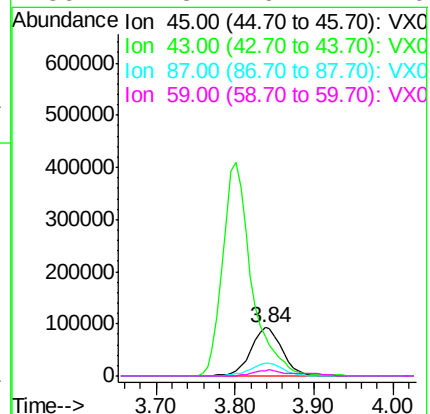
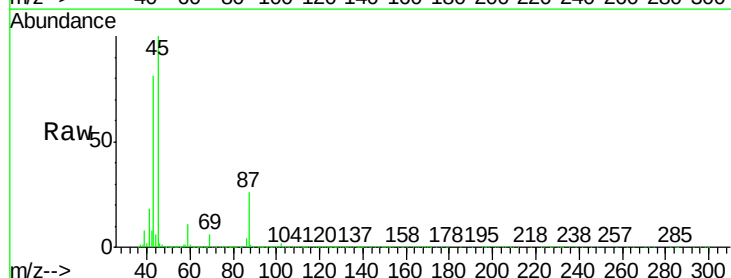
Ion Ratio Lower Upper

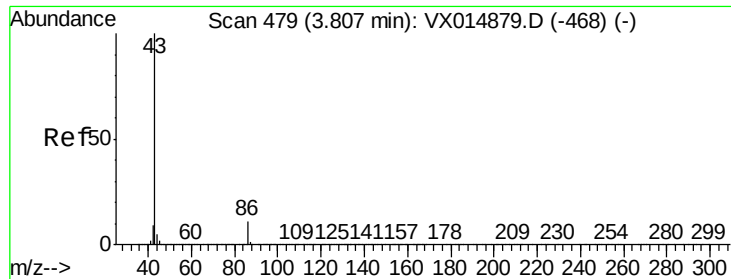
45 100

43 80.5 63.5 95.3

87 26.3 22.2 33.4

59 11.3 9.4 14.0

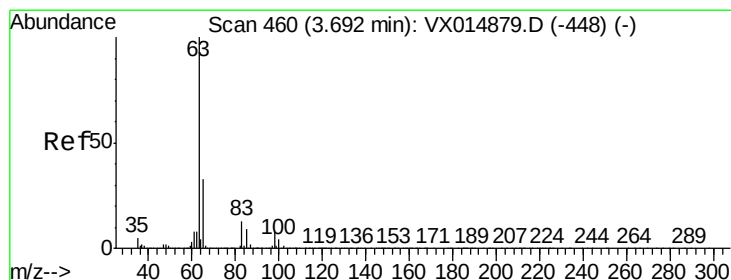
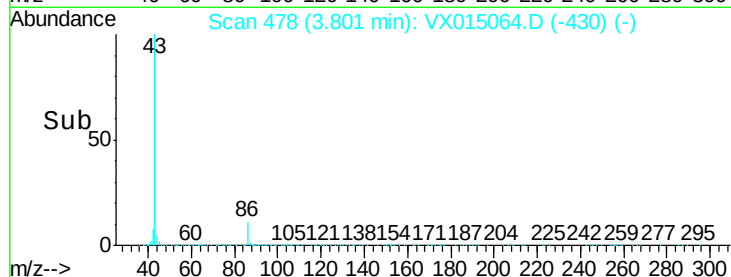
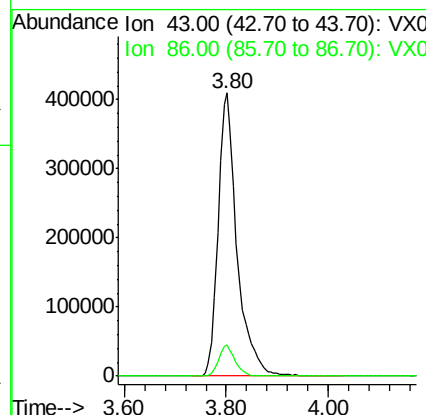
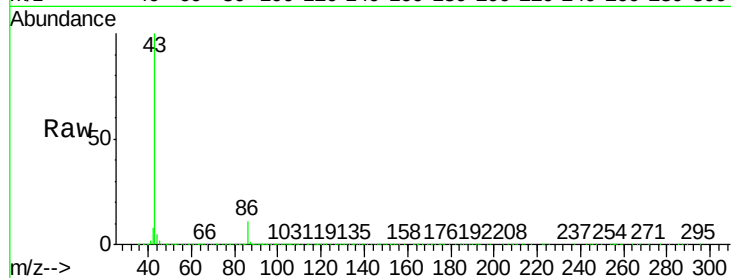




#23
 Vinyl Acetate
 Concen: 108.88 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

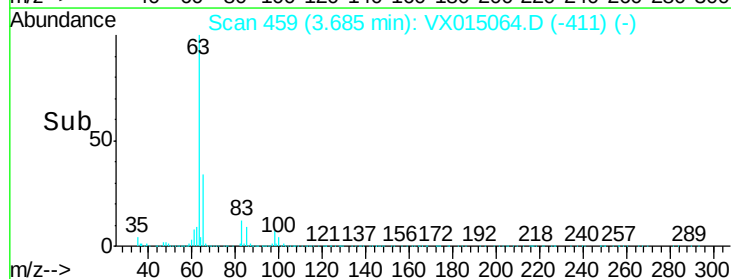
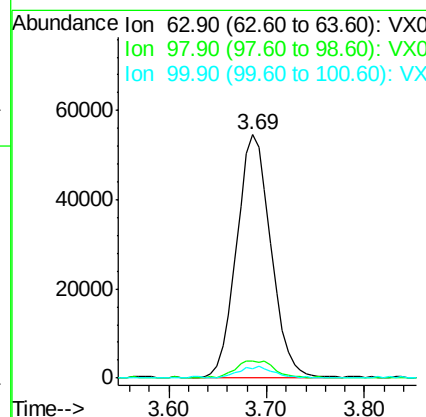
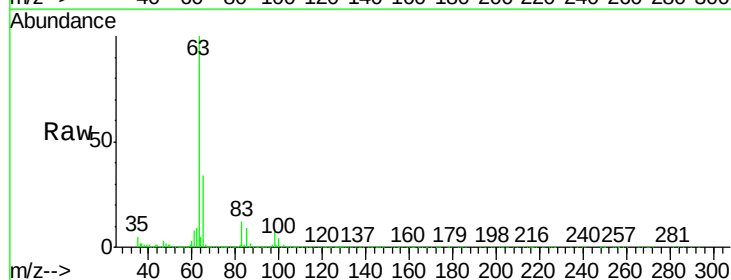
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

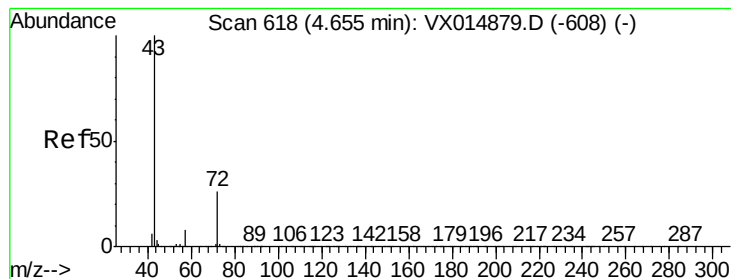
Tgt Ion: 43 Resp: 1049484
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 19.99 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion: 63 Resp: 131944
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.5
 100 3.8 2.2 6.6





#25

2-Butanone

Concen: 101.79 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

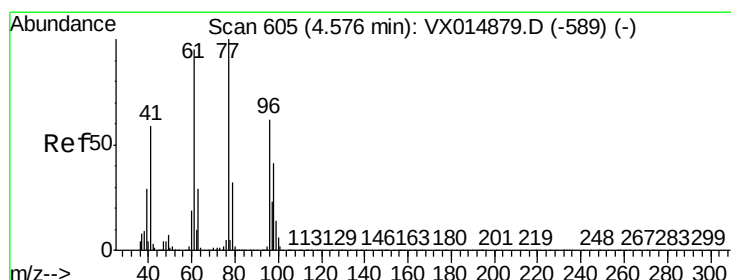
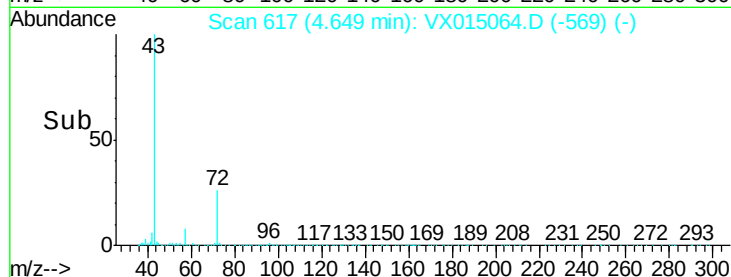
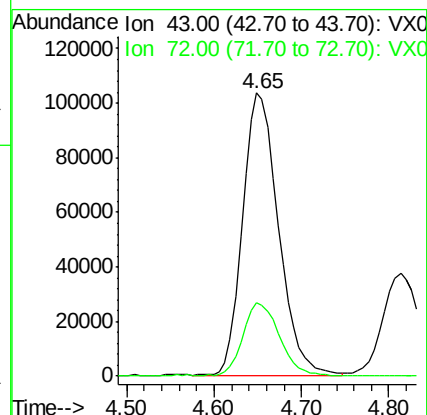
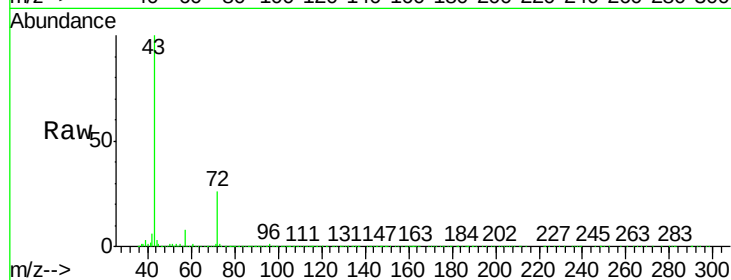
VX0302WBSD01

Tgt Ion: 43 Resp: 294636

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.55 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015064.D

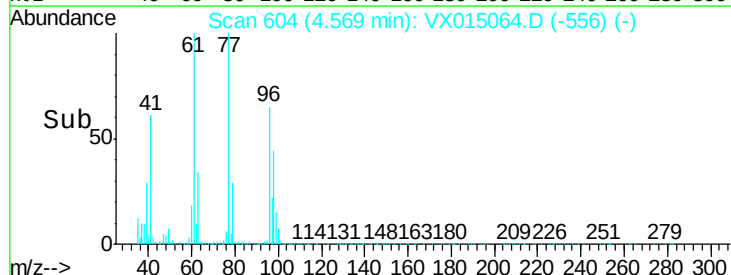
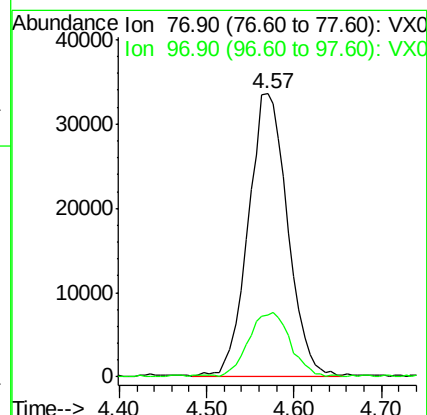
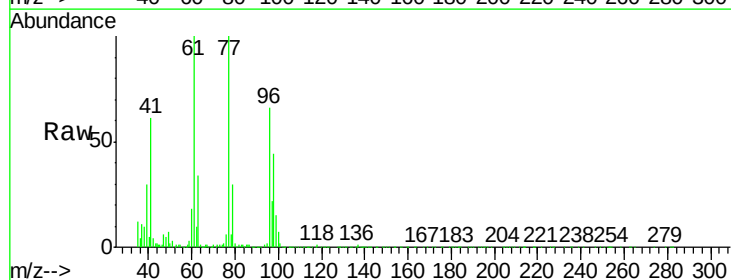
Acq: 02 Mar 2020 11:24

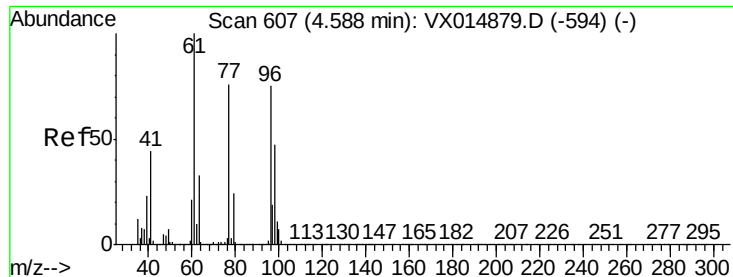
Tgt Ion: 77 Resp: 105498

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5



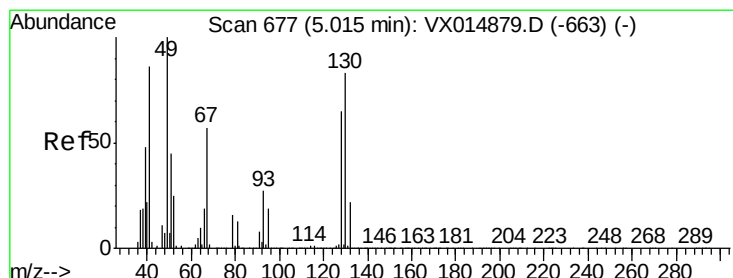
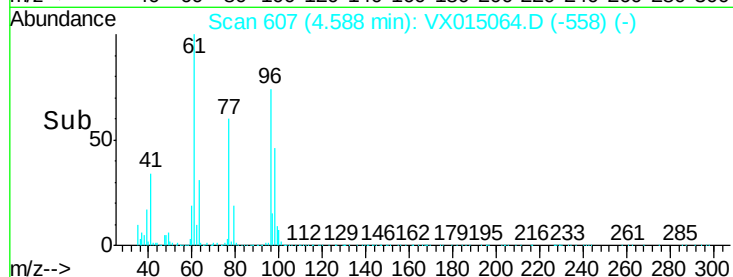
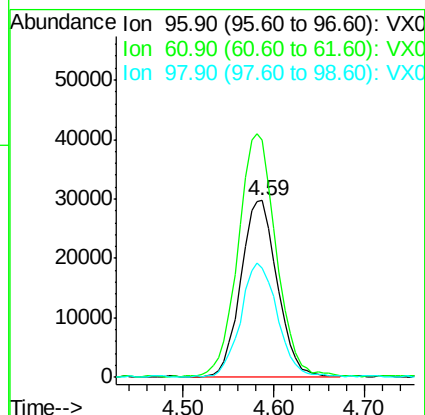
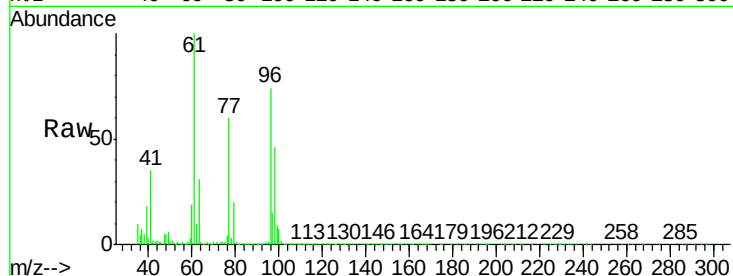


#27

cis-1,2-Dichloroethene
Concen: 19.58 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

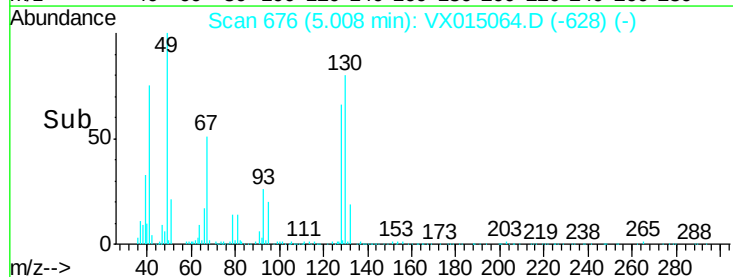
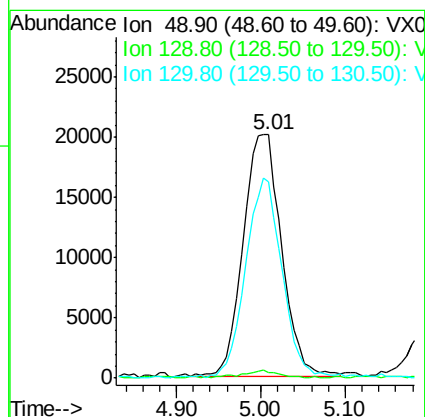
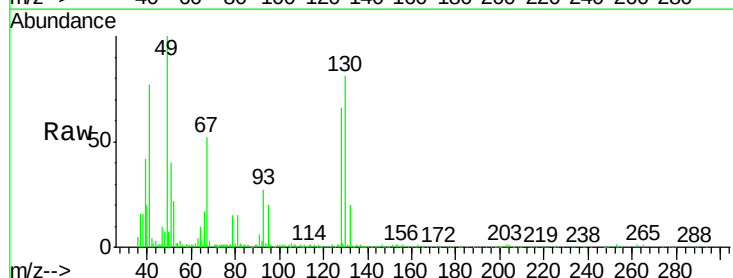
Tgt Ion: 96 Resp: 83402
Ion Ratio Lower Upper
96 100
61 142.2 0.0 286.2
98 65.5 0.0 131.0

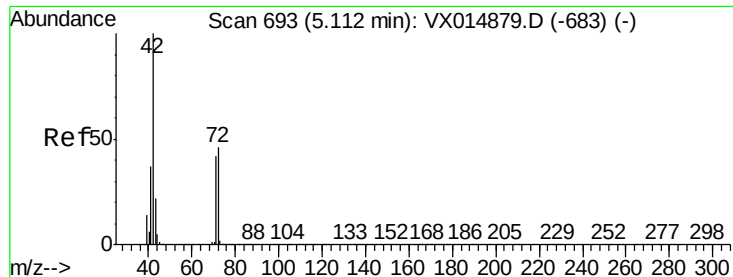


#28

Bromochloromethane
Concen: 24.35 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion: 49 Resp: 62289
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.2
130 77.5 67.4 101.2





#29

Tetrahydrofuran

Concen: 110.75 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

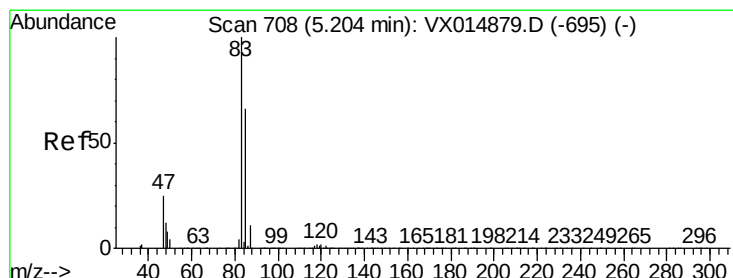
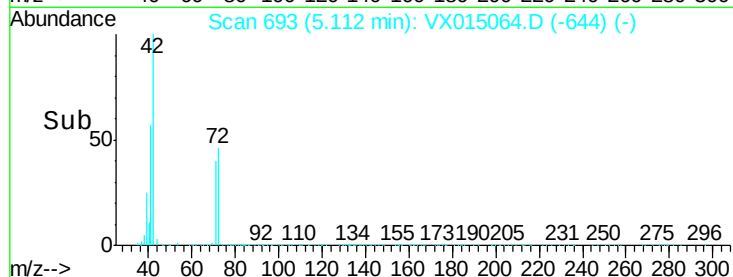
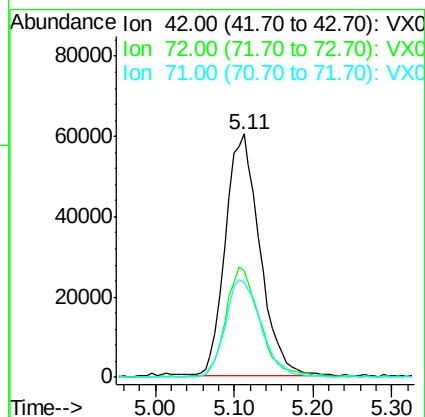
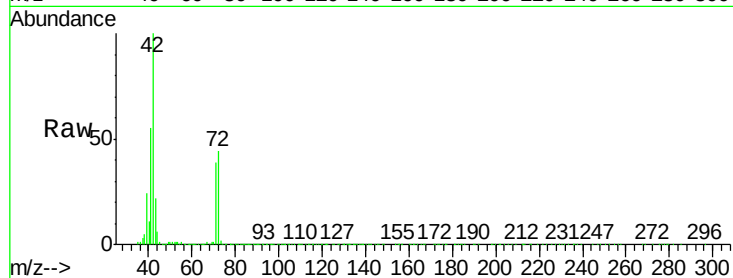
Tgt Ion: 42 Resp: 182235

Ion Ratio Lower Upper

42 100

72 45.2 36.9 55.3

71 41.5 34.1 51.1



#30

Chloroform

Concen: 19.83 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015064.D

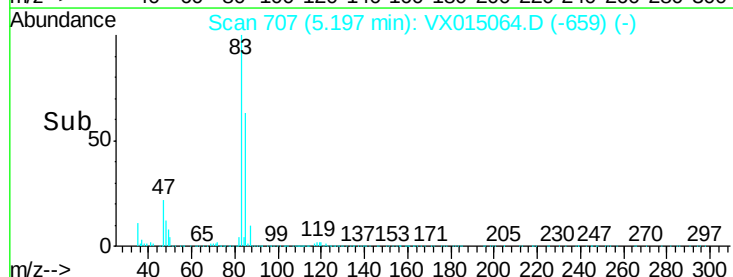
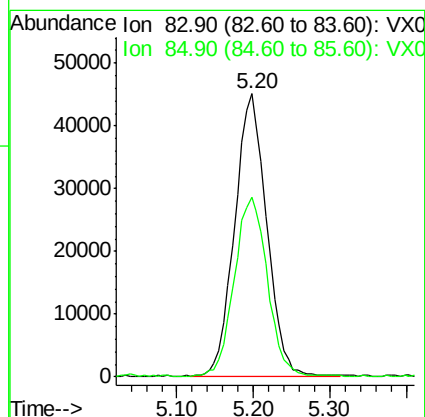
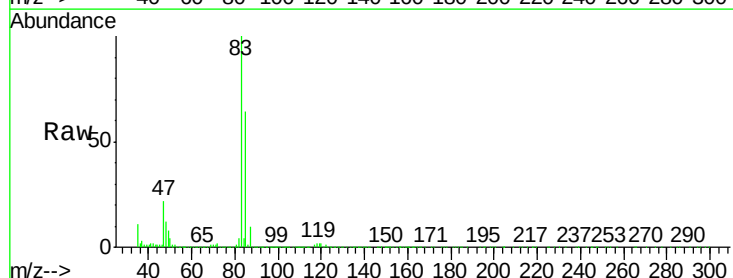
Acq: 02 Mar 2020 11:24

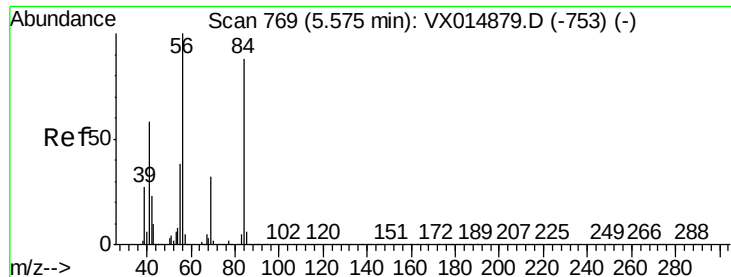
Tgt Ion: 83 Resp: 129838

Ion Ratio Lower Upper

83 100

85 63.5 52.9 79.3

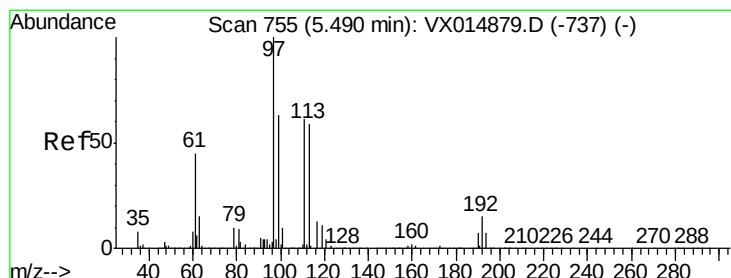
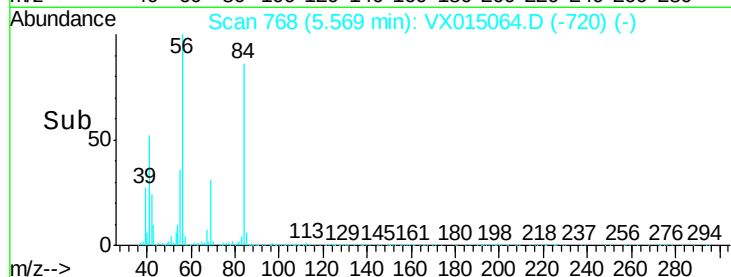
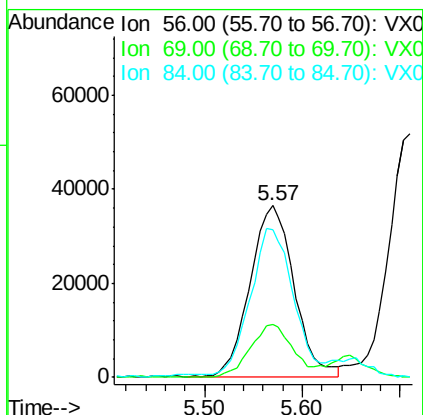
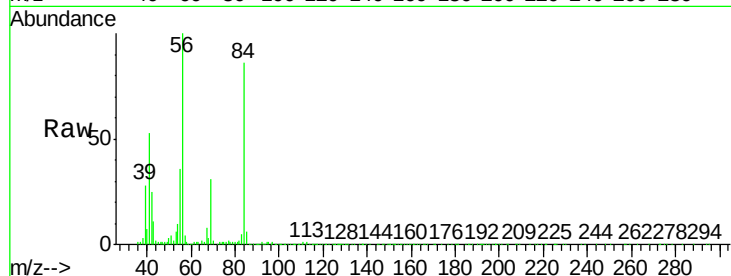




#31
Cyclohexane
Concen: 19.11 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

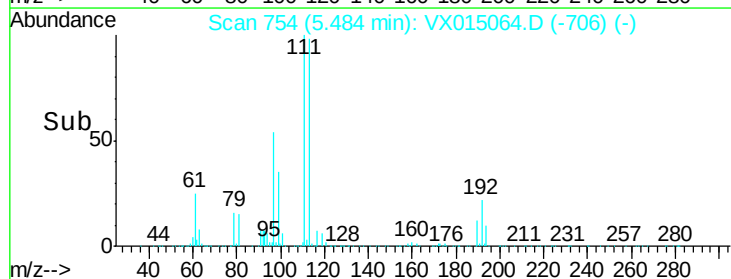
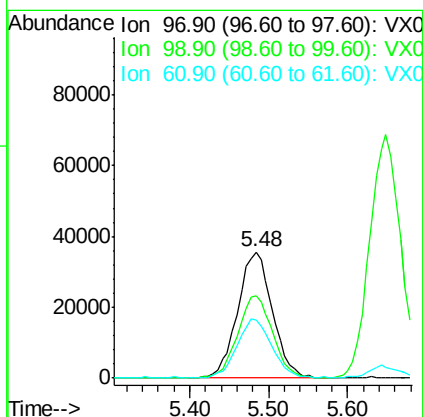
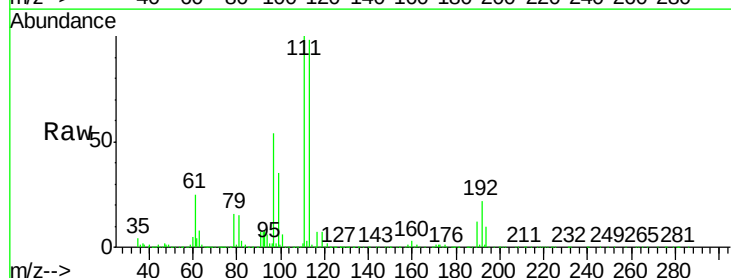
Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

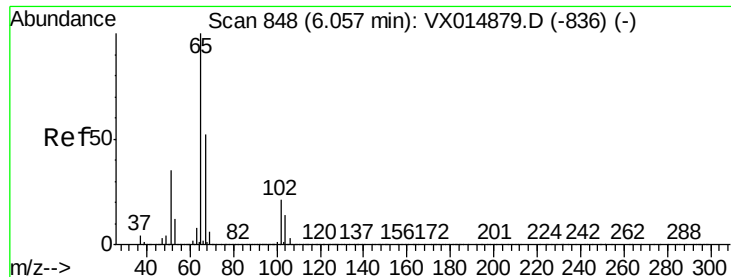
Tgt Ion: 56 Resp: 114848
Ion Ratio Lower Upper
56 100
69 30.5 25.9 38.9
84 84.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.87 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion: 97 Resp: 108054
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 46.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 50.27 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

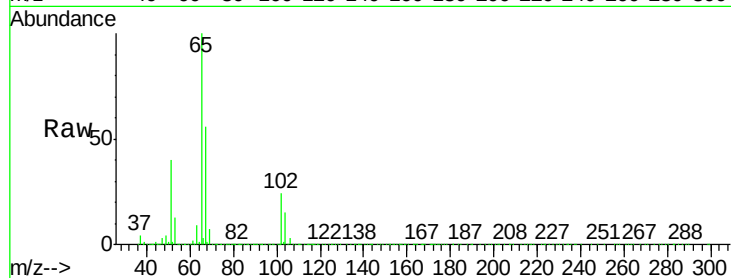
VX0302WBSD01

Tgt Ion: 65 Resp: 213718

Ion Ratio Lower Upper

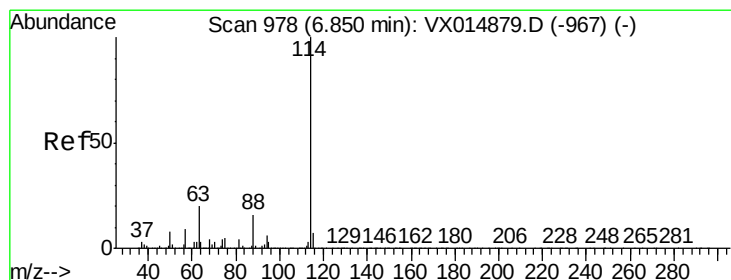
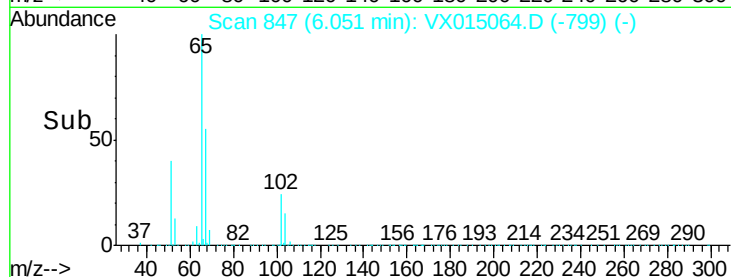
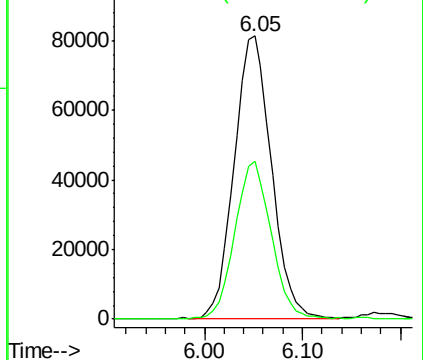
65 100

67 54.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

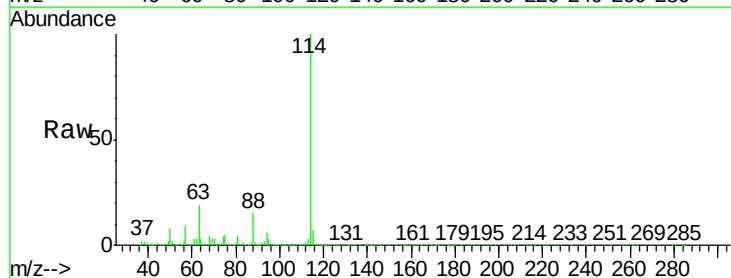
Tgt Ion: 114 Resp: 554480

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

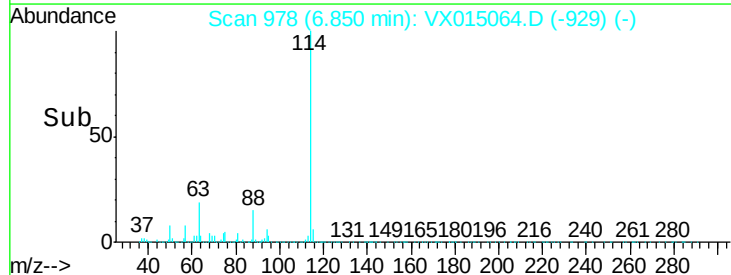
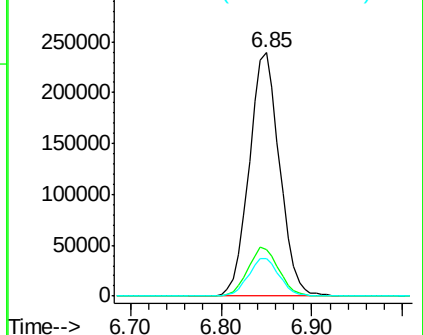
88 15.2 0.0 32.0

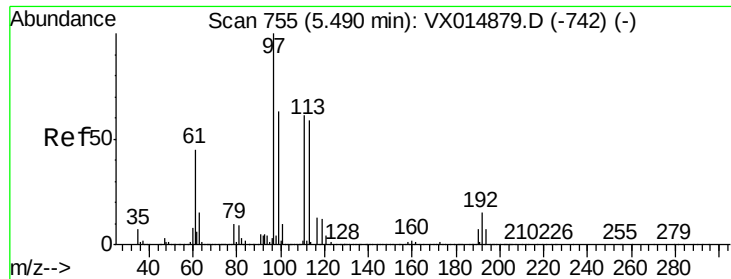


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

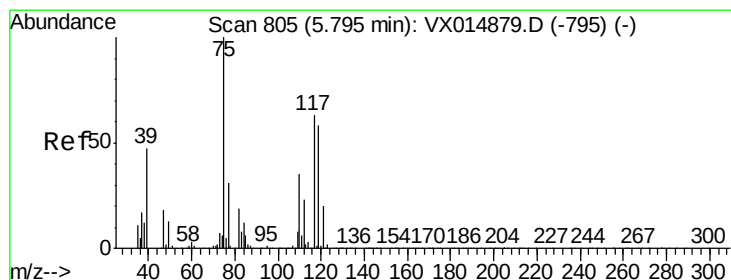
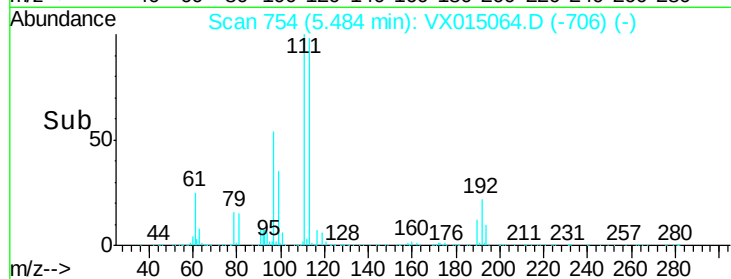
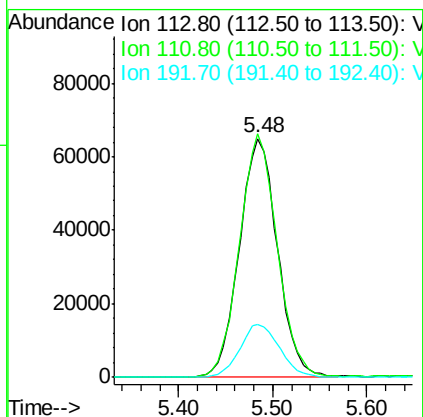
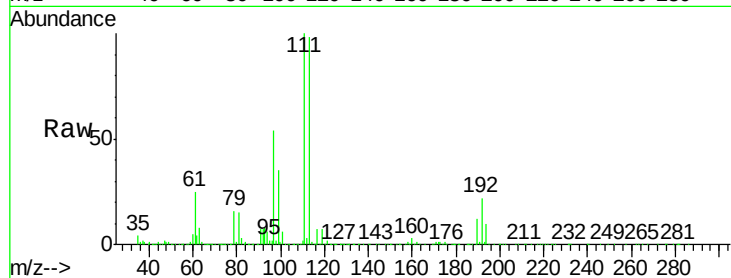




#35
 Dibromofluoromethane
 Concen: 53.66 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

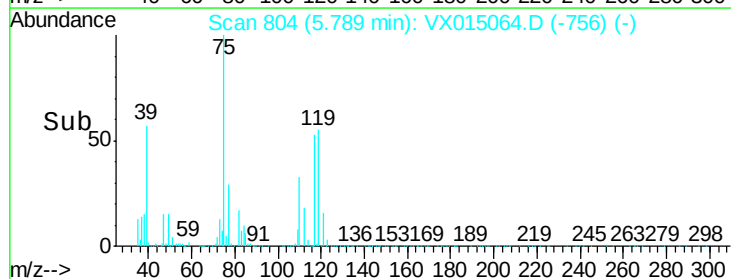
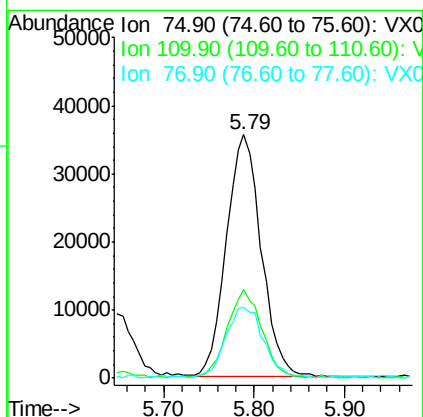
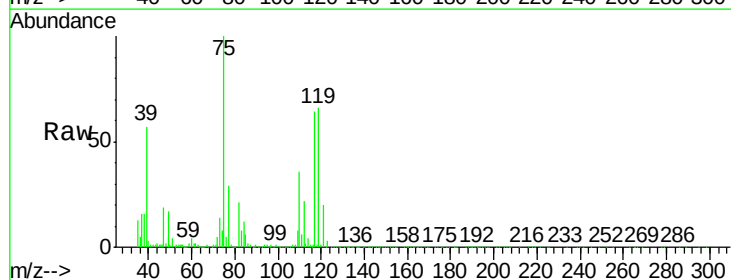
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

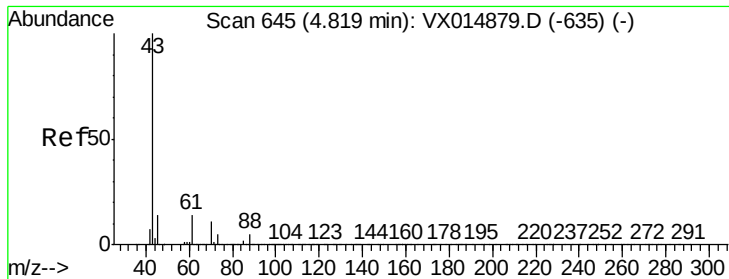
Tgt Ion: 113 Resp: 182923
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.4 123.6
 192 23.5 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 19.17 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion: 75 Resp: 95099
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.3 54.8
 77 31.2 24.6 36.8

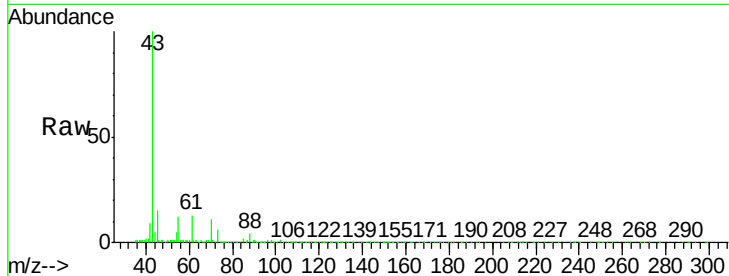




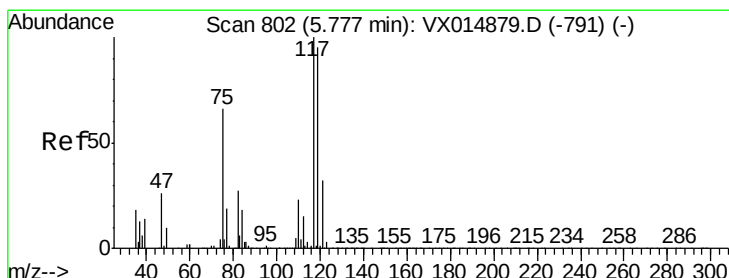
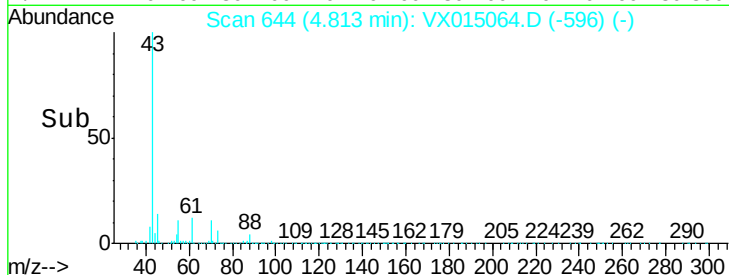
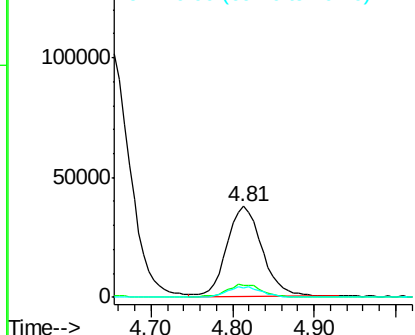
#37
Ethyl Acetate
Concen: 21.61 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion: 43 Resp: 111784
Ion Ratio Lower Upper
43 100
61 13.9 10.9 16.3
70 11.1 8.7 13.1

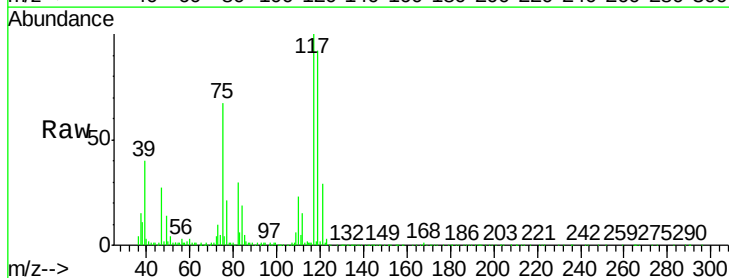


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

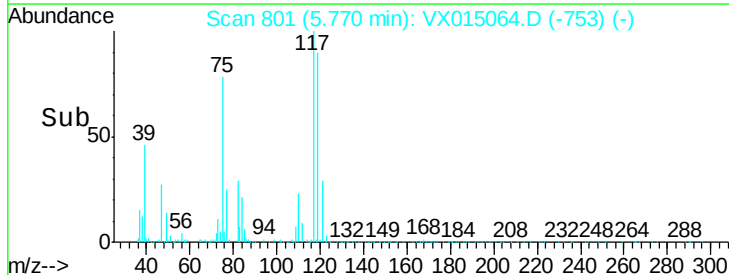
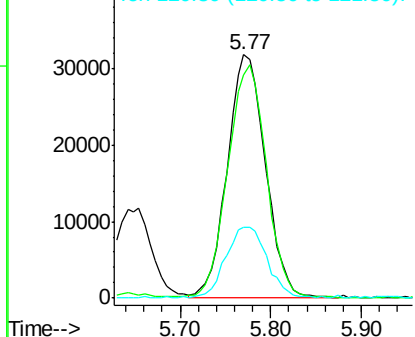


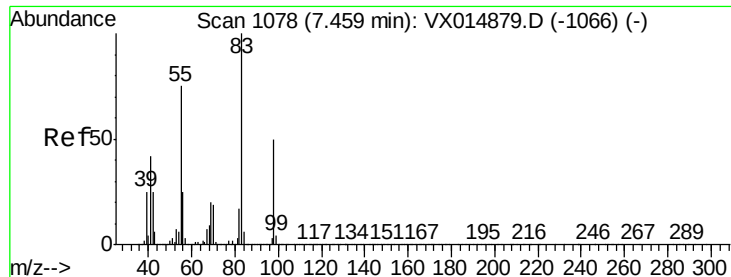
#38
Carbon Tetrachloride
Concen: 19.07 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion: 117 Resp: 92179
Ion Ratio Lower Upper
117 100
119 92.3 76.0 114.0
121 28.7 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

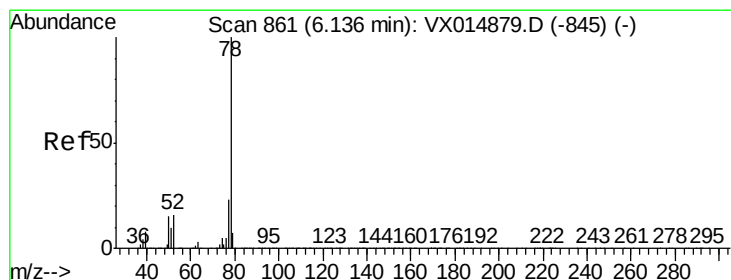
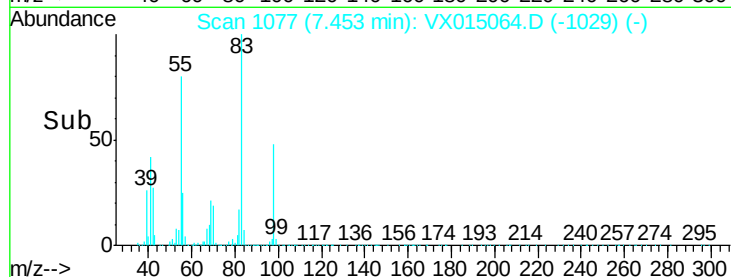
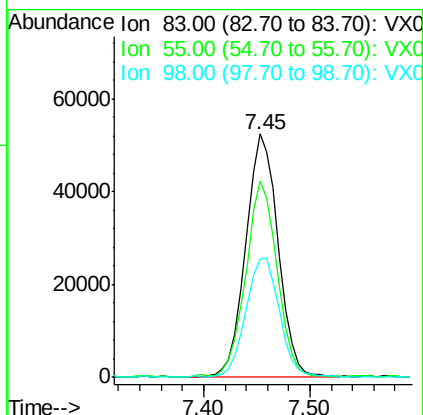
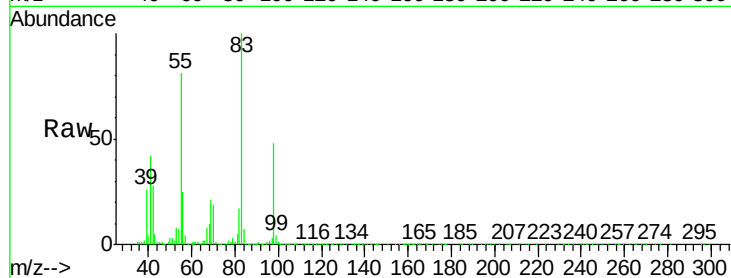




#39
Methylcyclohexane
Concen: 18.05 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

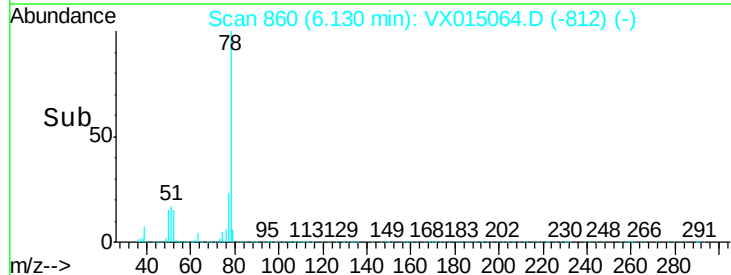
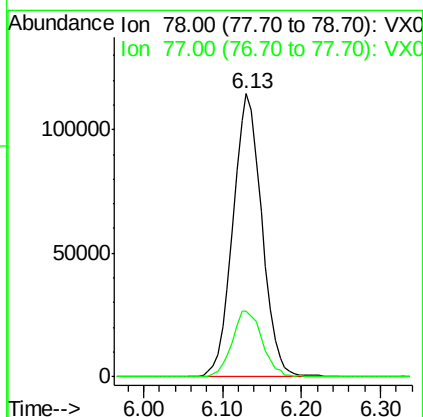
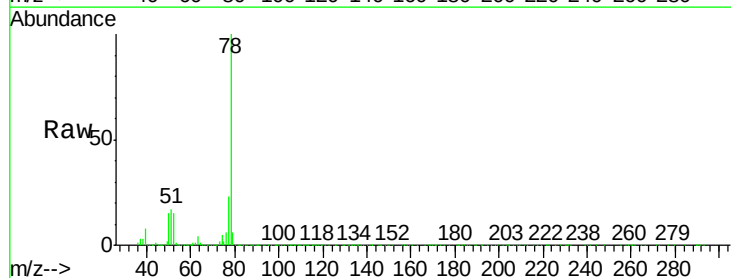
Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

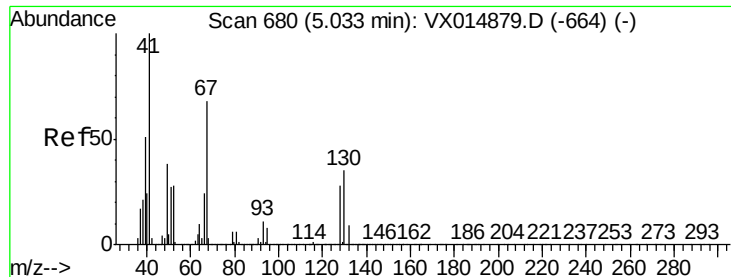
Tgt Ion: 83 Resp: 111958
Ion Ratio Lower Upper
83 100
55 80.7 60.0 90.0
98 48.1 39.6 59.4



#40
Benzene
Concen: 19.78 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion: 78 Resp: 293147
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

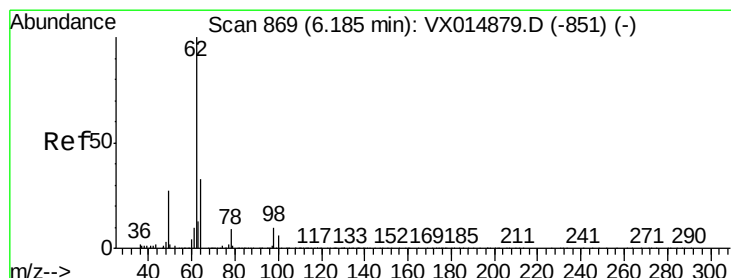
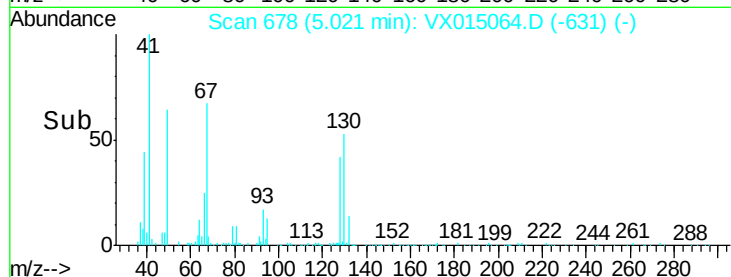
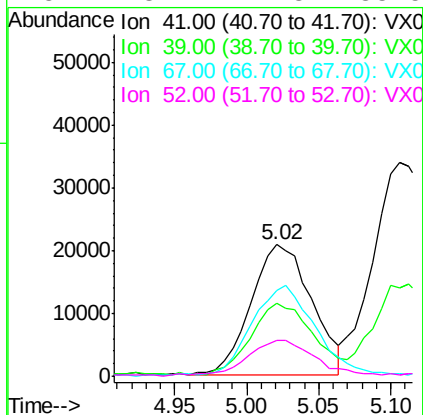
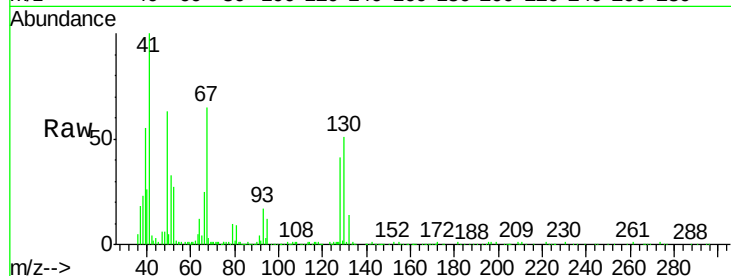




#41
Methacrylonitrile
Concen: 21.82 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

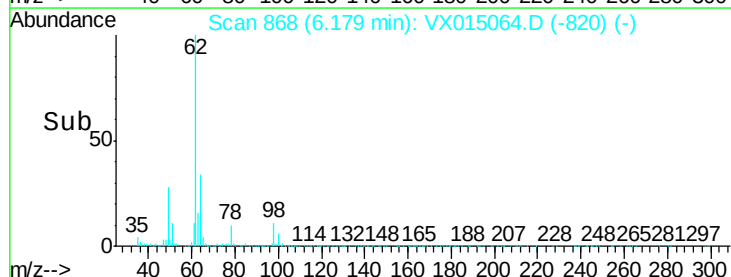
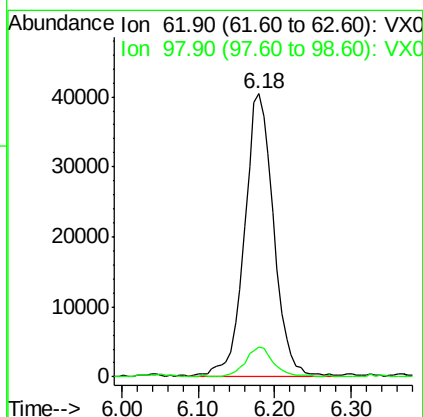
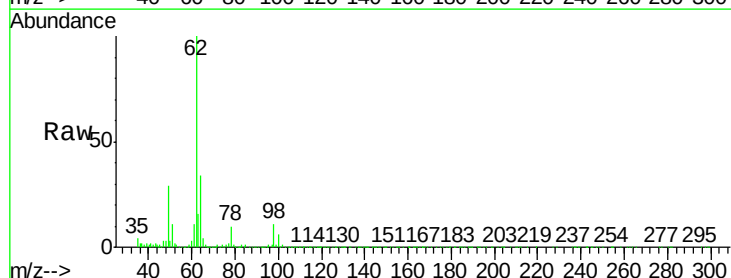
Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

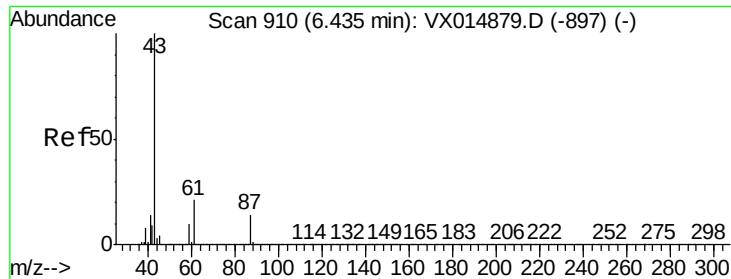
Tgt Ion:	41	Resp:	60819
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.7	67.1
67	71.7	56.6	84.8
52	28.4	22.3	33.5



#42
1,2-Dichloroethane
Concen: 19.75 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion:	62	Resp:	105759
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2





#43

Isopropyl Acetate

Concen: 21.11 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

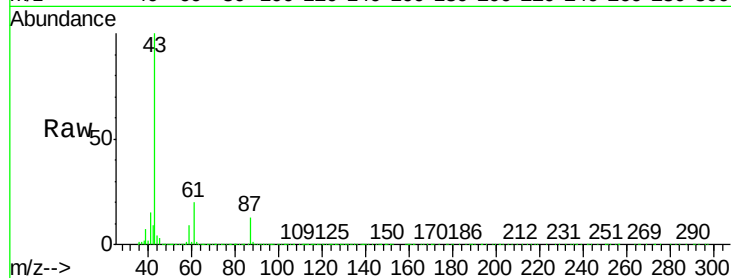
Tgt Ion: 43 Resp: 180169

Ion Ratio Lower Upper

43 100

61 20.5 16.2 24.4

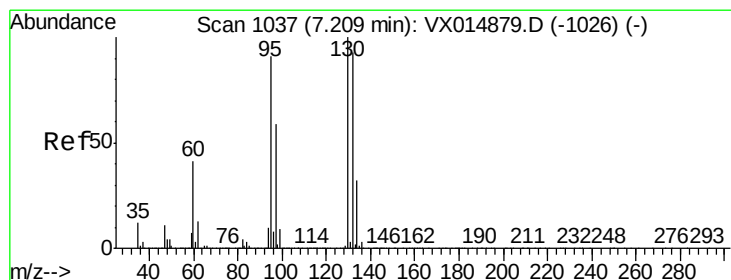
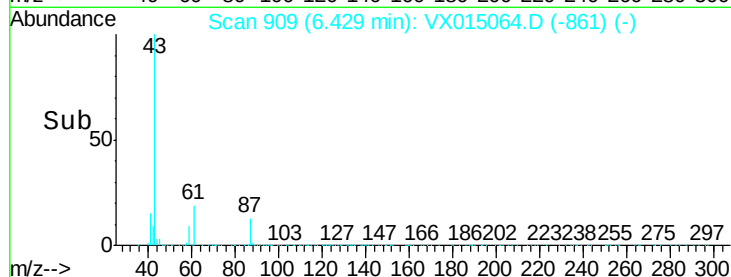
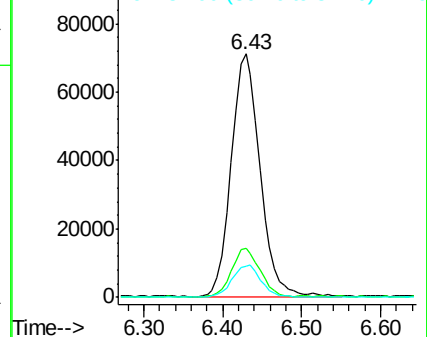
87 13.1 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.49 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015064.D

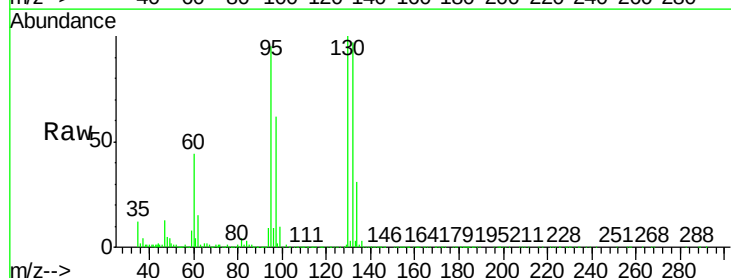
Acq: 02 Mar 2020 11:24

Tgt Ion:130 Resp: 79547

Ion Ratio Lower Upper

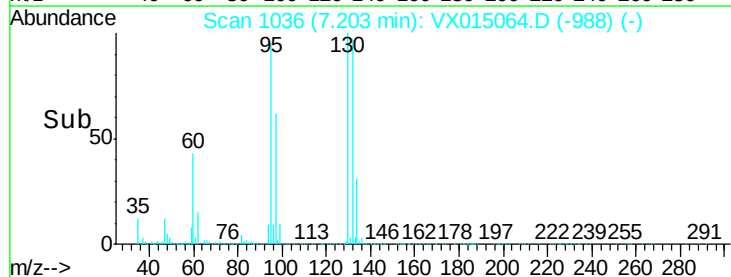
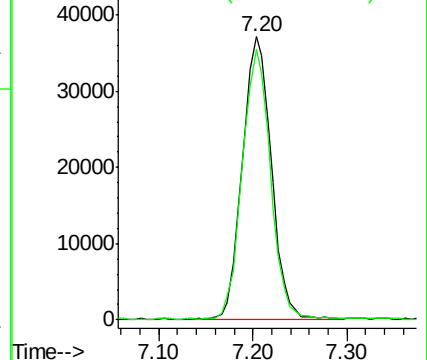
130 100

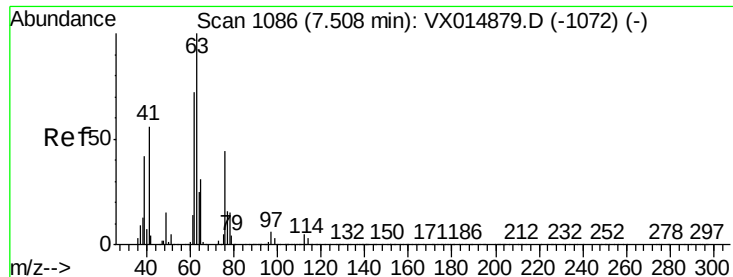
95 95.1 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

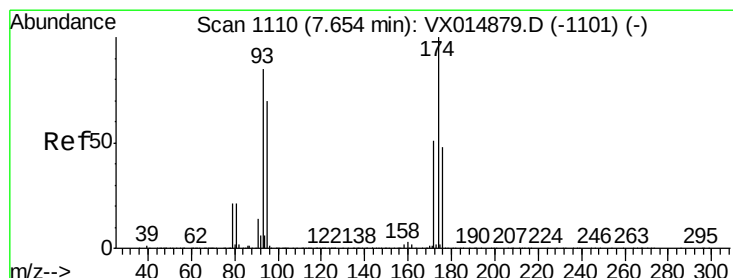
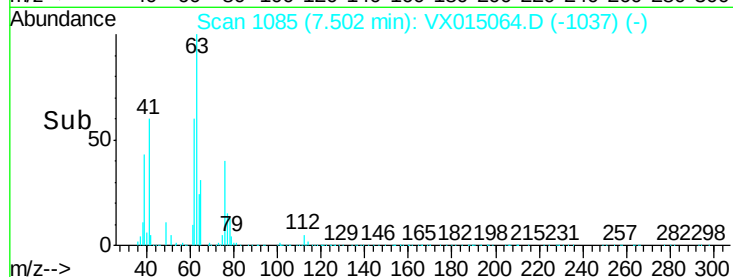
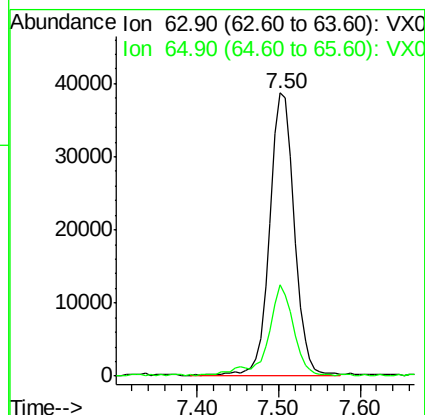
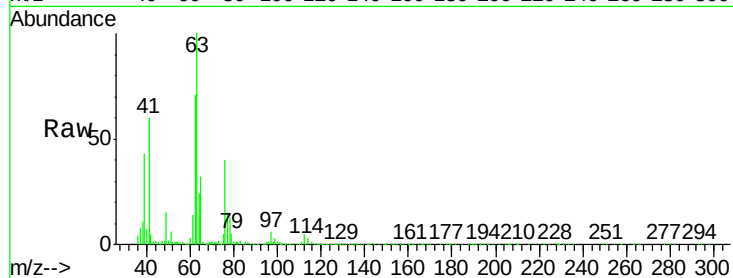




#45
 1,2-Dichloropropane
 Concen: 21.60 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

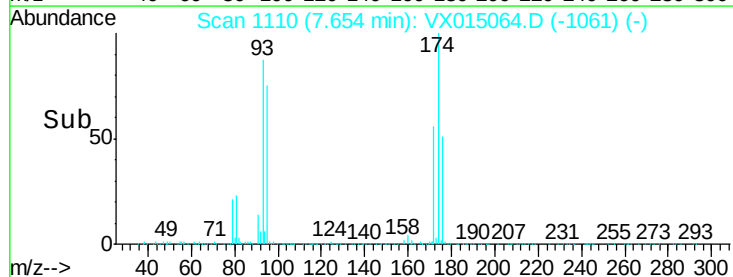
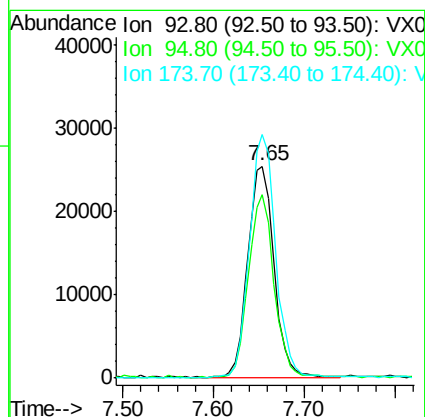
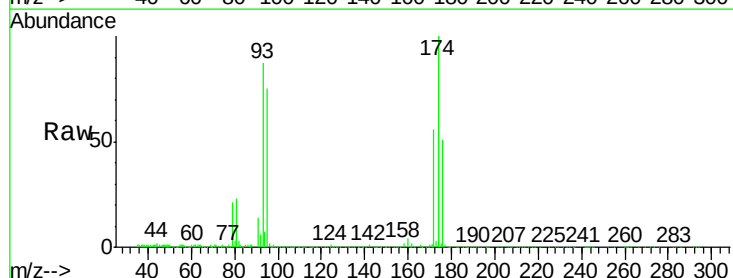
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

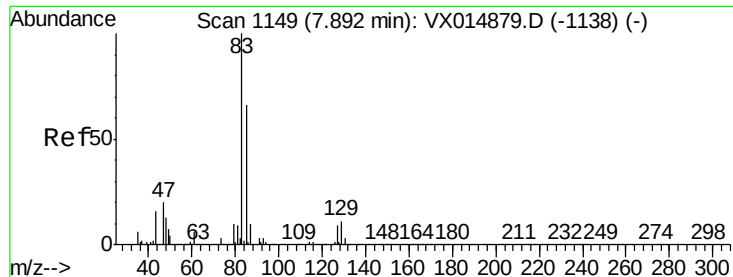
Tgt Ion: 63 Resp: 81640
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.9 37.3



#46
 Dibromomethane
 Concen: 20.06 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion: 93 Resp: 51827
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.8 98.8
 174 114.0 95.4 143.2

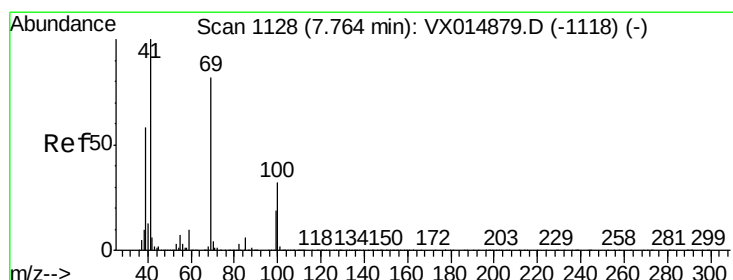
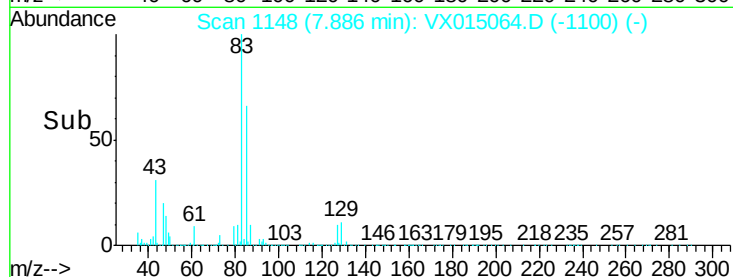
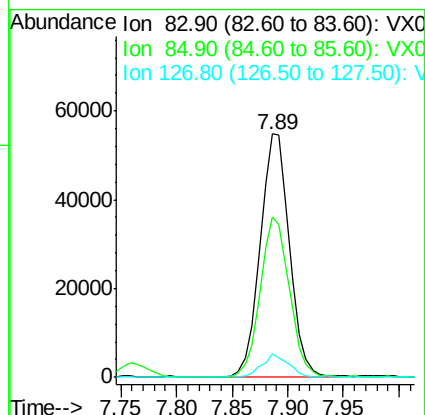
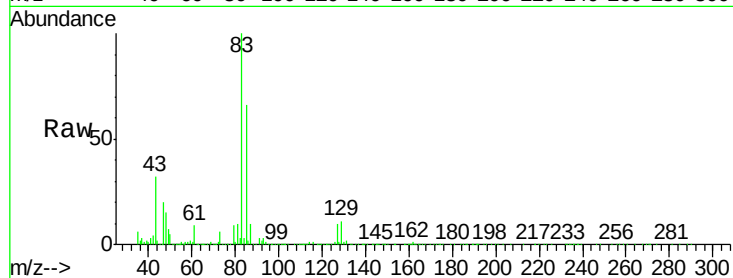




#47
 Bromodichloromethane
 Concen: 19.64 ug/l
 RT: 7.89 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

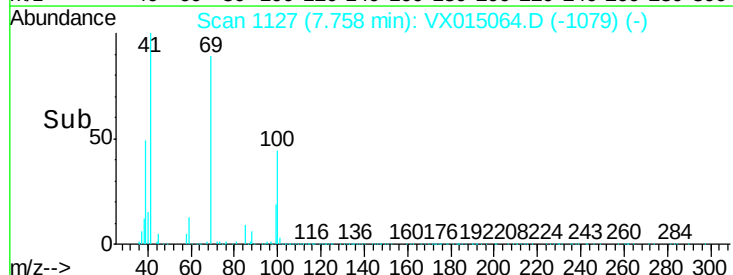
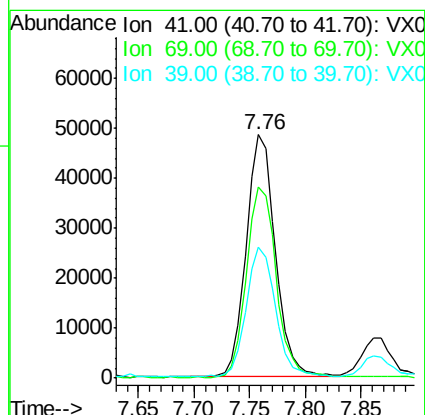
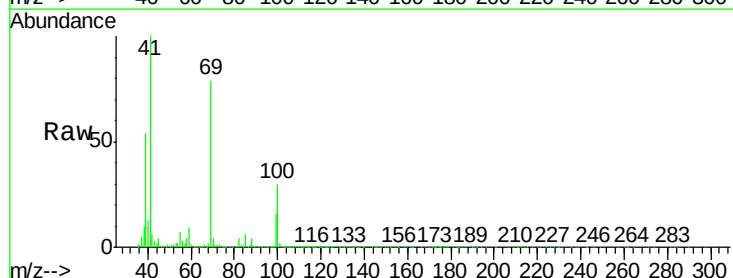
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

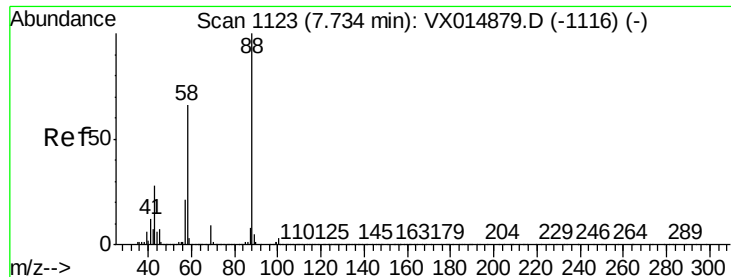
Tgt Ion: 83 Resp: 100586
 Ion Ratio Lower Upper
 83 100
 85 65.9 52.5 78.7
 127 9.6 7.4 11.0



#48
 Methyl methacrylate
 Concen: 21.08 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion: 41 Resp: 88540
 Ion Ratio Lower Upper
 41 100
 69 81.1 65.7 98.5
 39 54.3 45.8 68.8





#49

1,4-Dioxane

Concen: 430.50 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

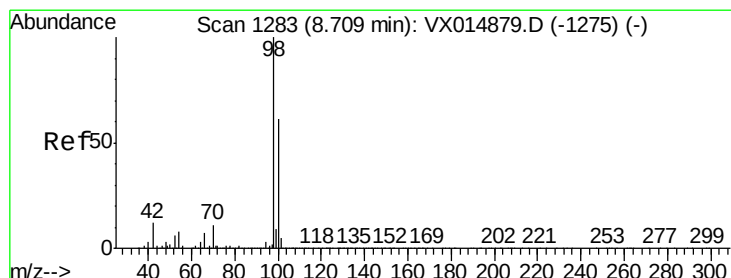
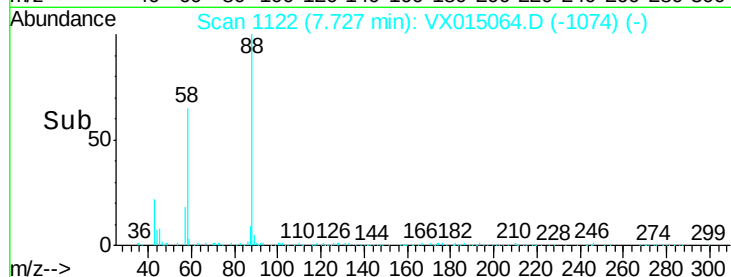
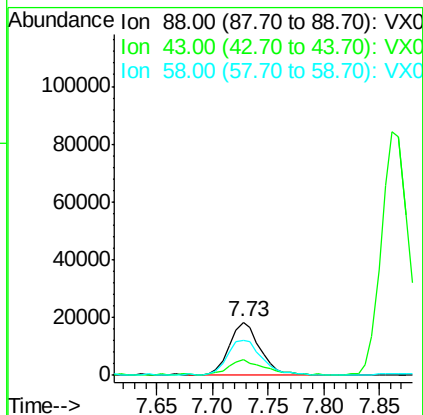
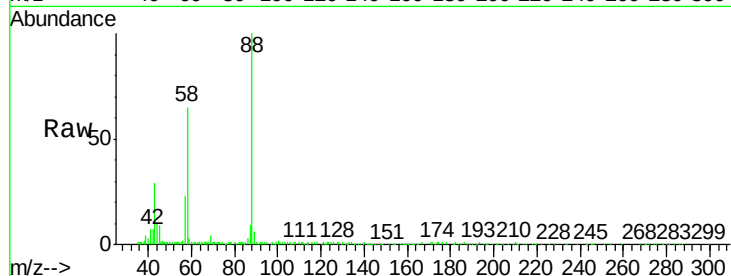
Tgt Ion: 88 Resp: 33804

Ion Ratio Lower Upper

88 100

43 32.2 27.0 40.4

58 75.0 53.2 79.8



#50

Toluene-d8

Concen: 51.93 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015064.D

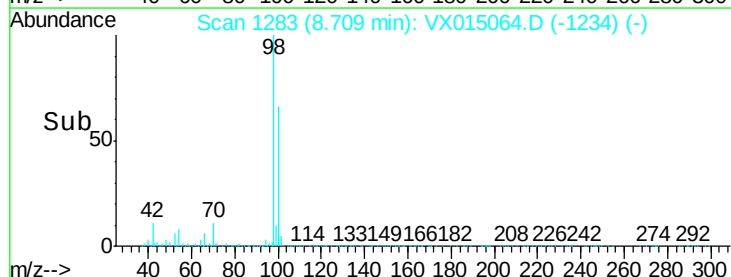
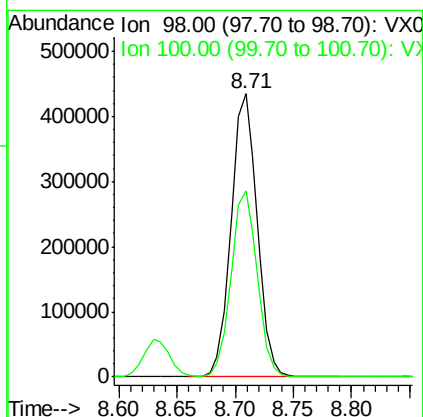
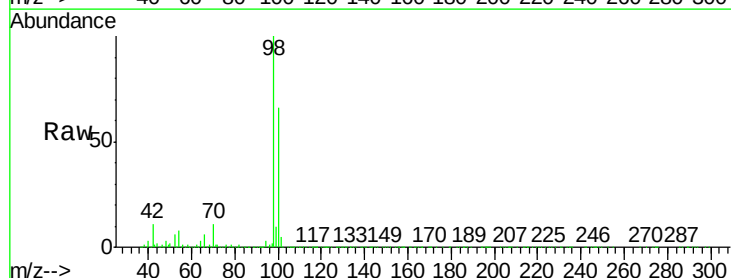
Acq: 02 Mar 2020 11:24

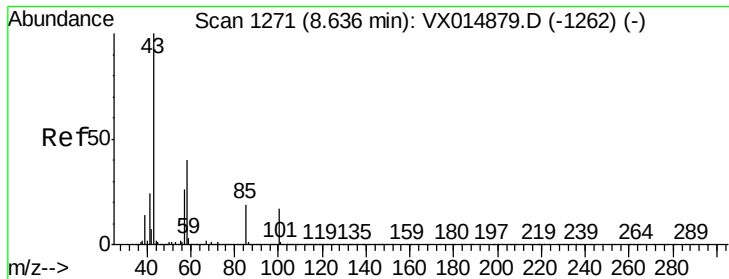
Tgt Ion: 98 Resp: 675669

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 111.07 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

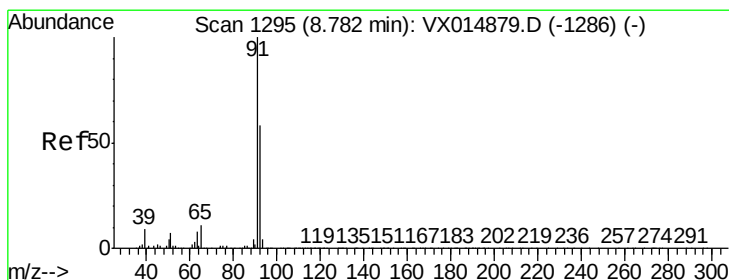
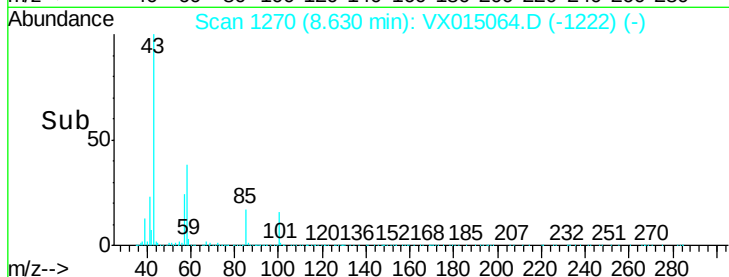
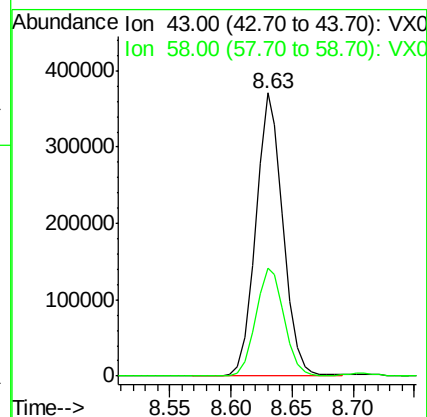
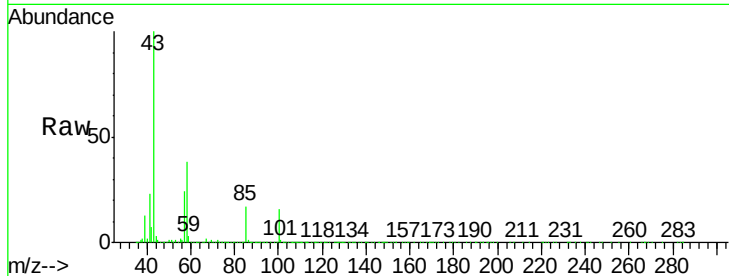
VX0302WBSD01

Tgt Ion: 43 Resp: 572333

Ion Ratio Lower Upper

43 100

58 39.7 31.9 47.9



#52

Toluene

Concen: 19.46 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015064.D

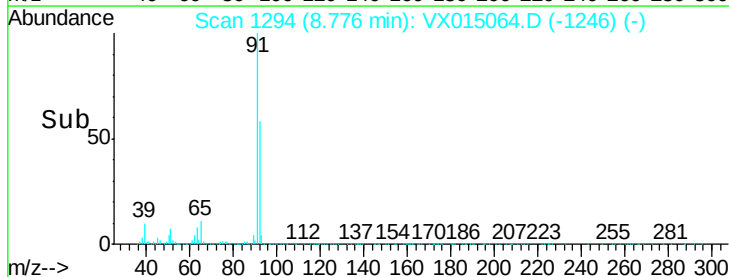
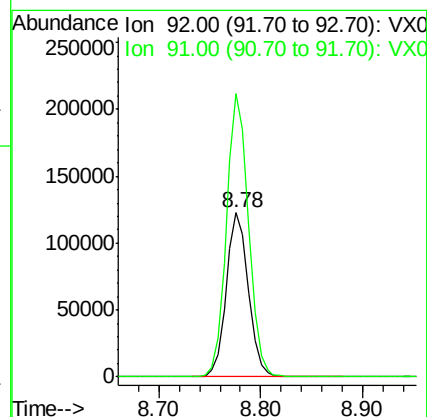
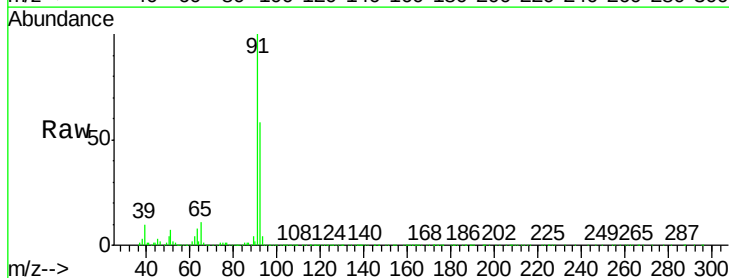
Acq: 02 Mar 2020 11:24

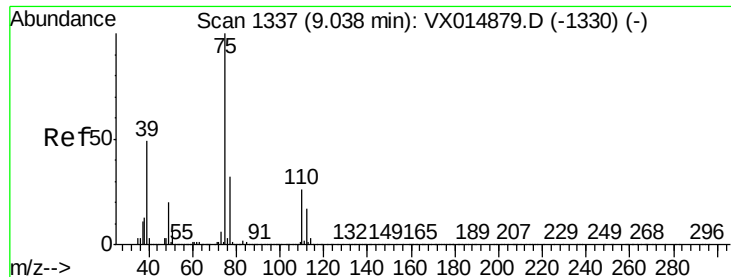
Tgt Ion: 92 Resp: 183168

Ion Ratio Lower Upper

92 100

91 172.9 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.56 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

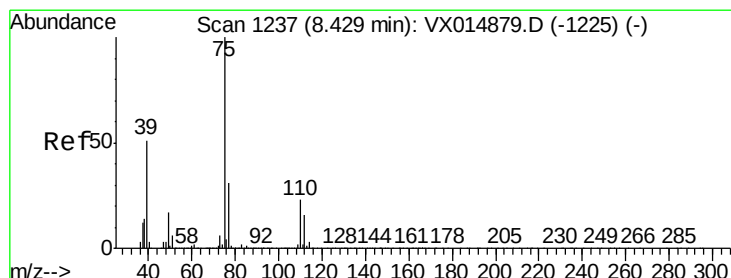
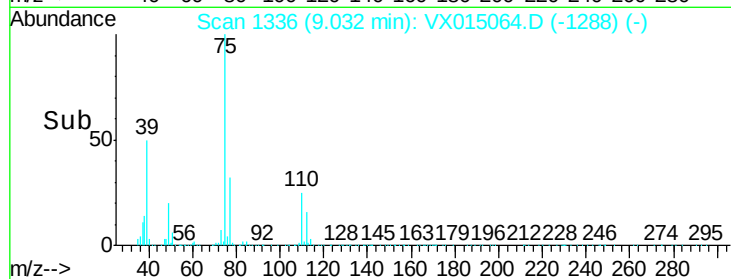
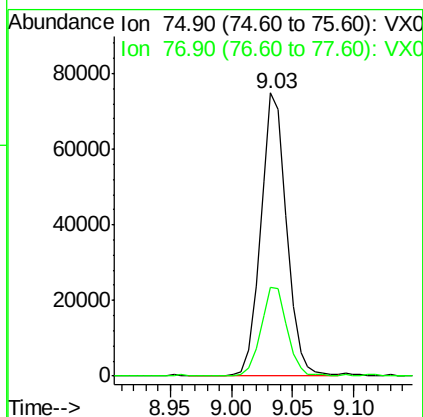
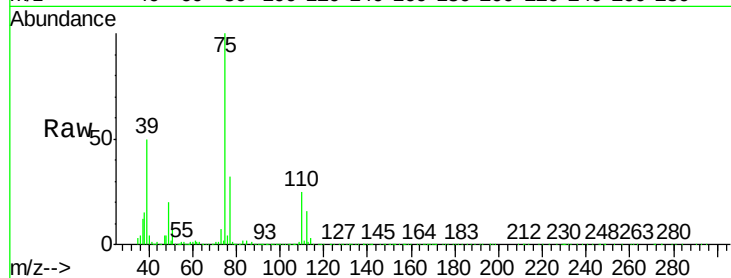
VX0302WBSD01

Tgt Ion: 75 Resp: 109829

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.60 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

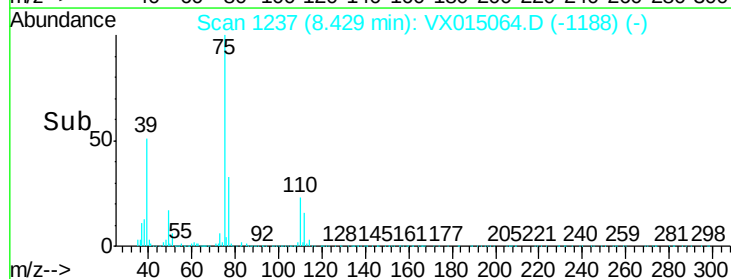
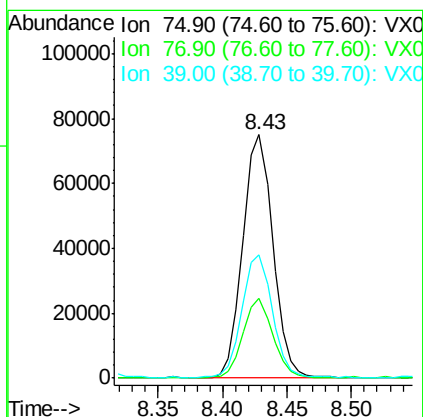
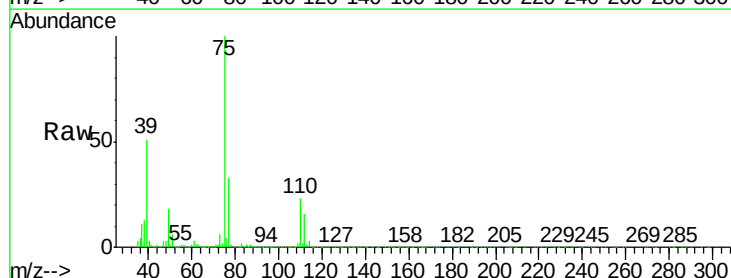
Tgt Ion: 75 Resp: 121528

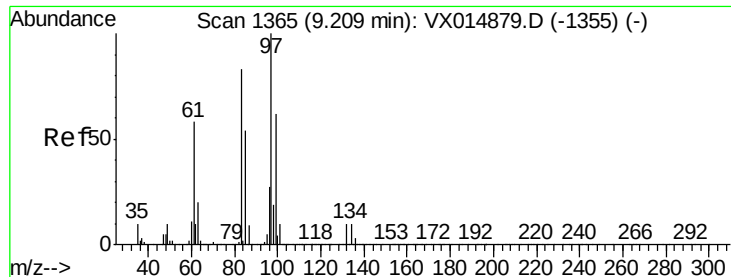
Ion Ratio Lower Upper

75 100

77 32.7 24.6 37.0

39 50.7 40.9 61.3

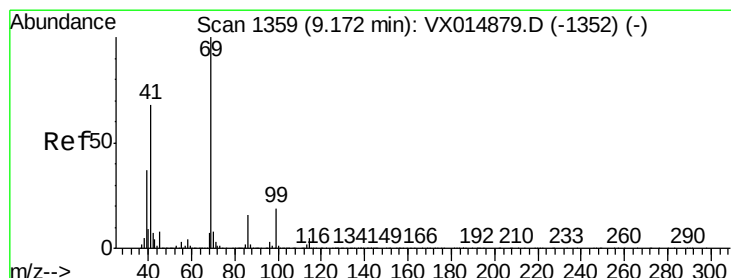
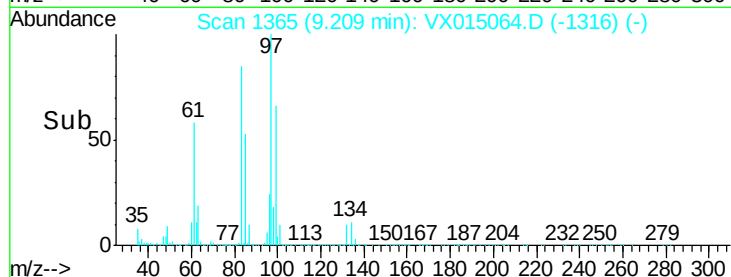
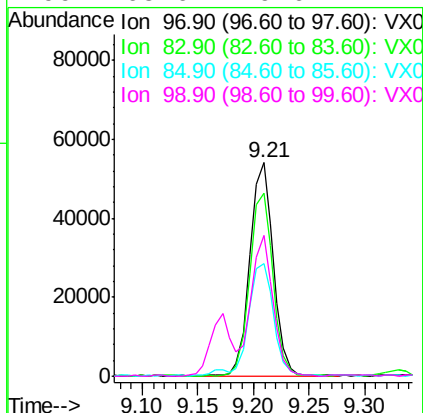
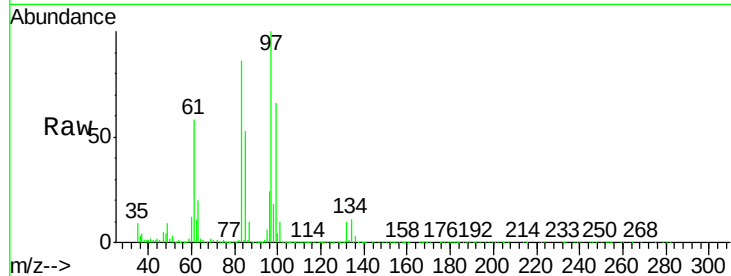




#55
 1,1,2-Trichloroethane
 Concen: 20.84 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

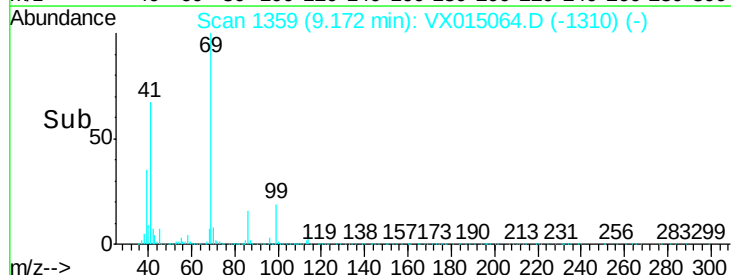
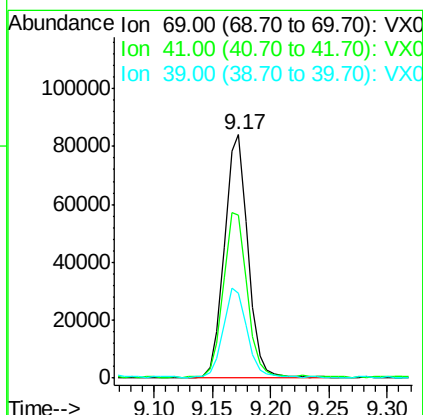
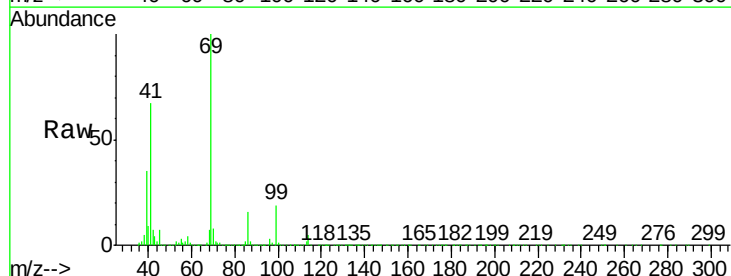
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

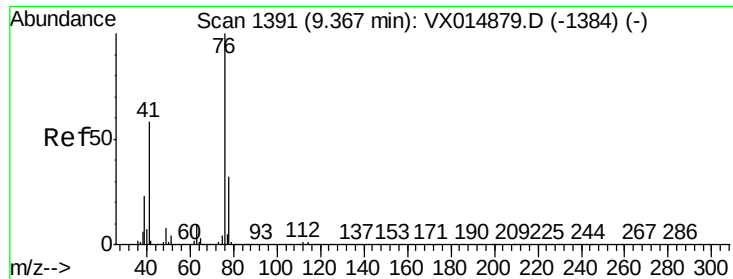
Tgt Ion:	97	Resp:	79374
Ion	Ratio	Lower	Upper
97	100		
83	85.5	66.6	99.8
85	52.7	43.5	65.3
99	65.6	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 20.47 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion:	69	Resp:	117182
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.8	82.2
39	37.2	29.9	44.9





#57

1,3-Dichloropropane

Concen: 20.86 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

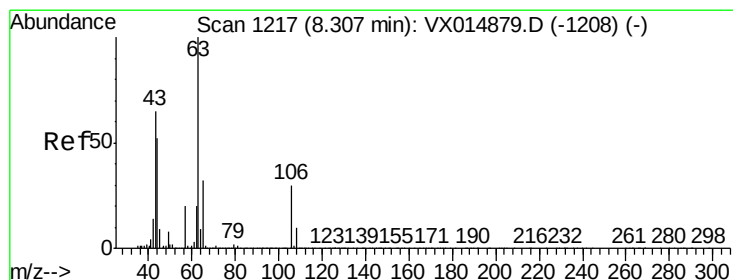
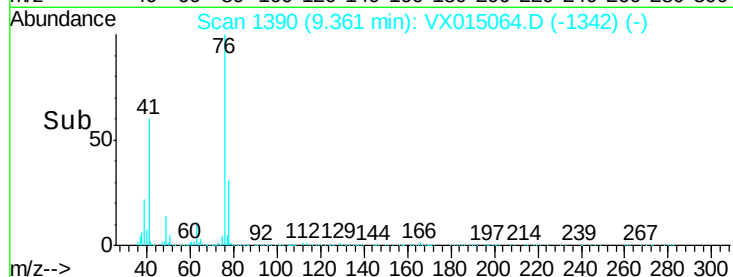
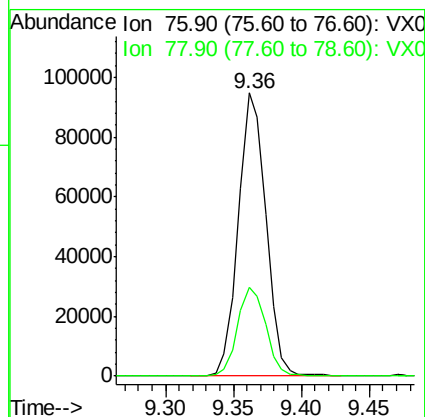
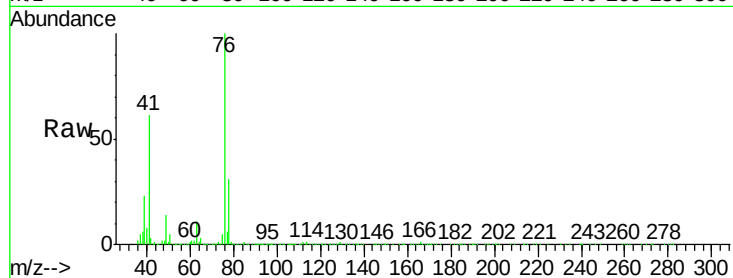
VX0302WBSD01

Tgt Ion: 76 Resp: 133712

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 108.63 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015064.D

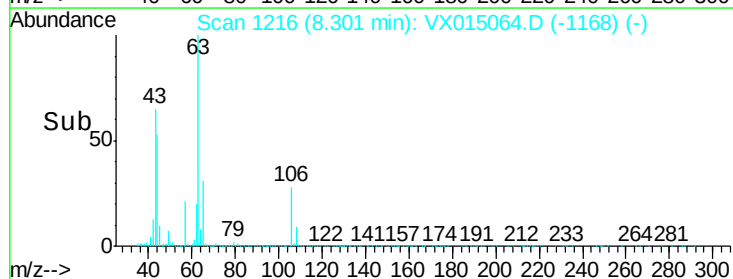
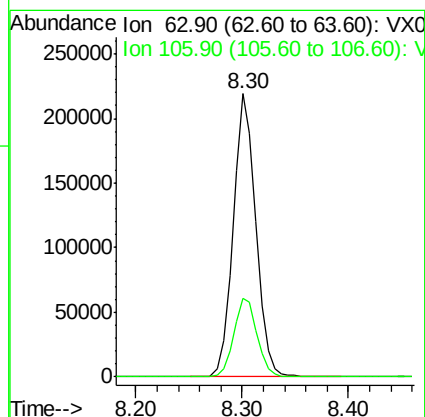
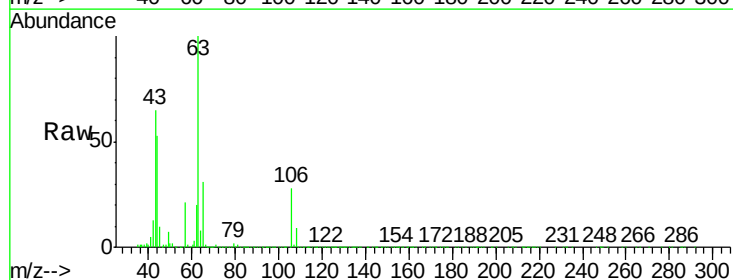
Acq: 02 Mar 2020 11:24

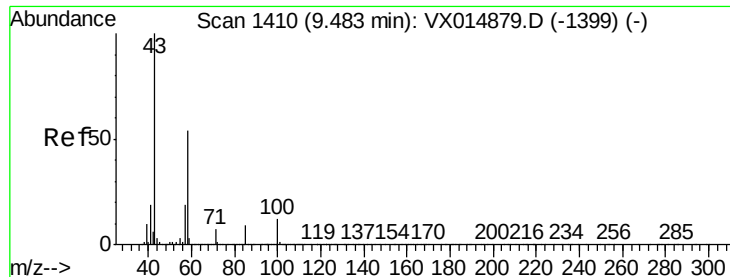
Tgt Ion: 63 Resp: 325182

Ion Ratio Lower Upper

63 100

106 28.6 23.8 35.8





#59

2-Hexanone

Concen: 106.91 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

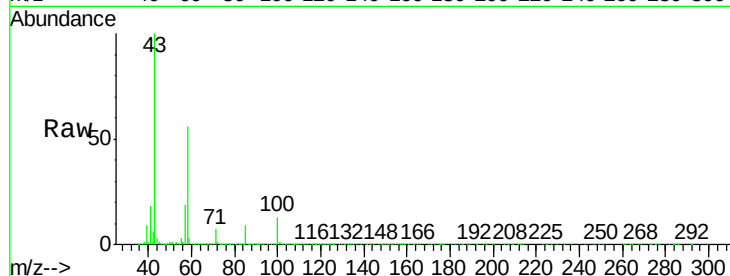
VX0302WBSD01

Tgt Ion: 43 Resp: 433033

Ion Ratio Lower Upper

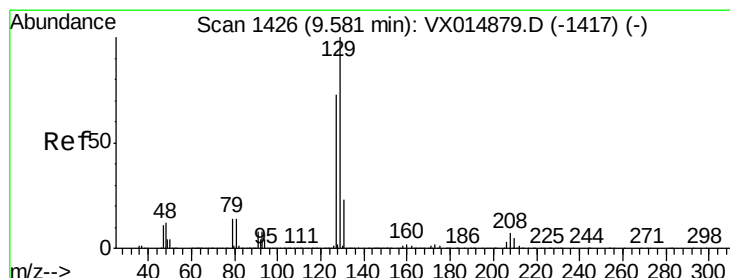
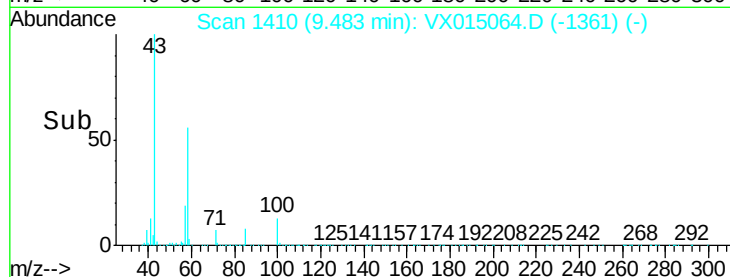
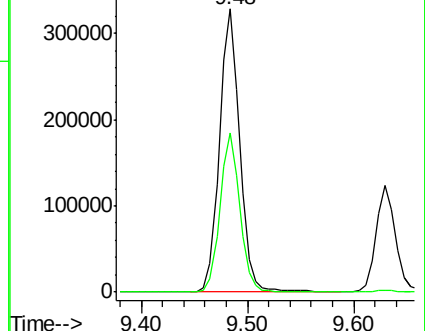
43 100

58 54.9 27.5 82.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 19.61 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX015064.D

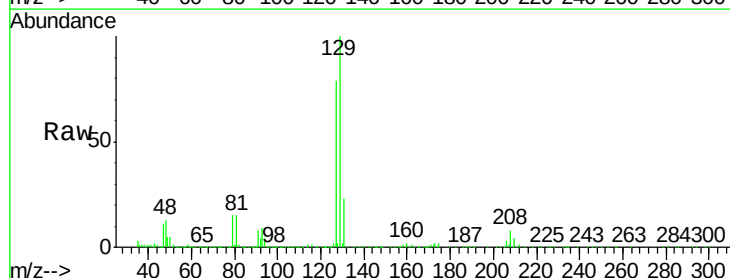
Acq: 02 Mar 2020 11:24

Tgt Ion: 129 Resp: 80381

Ion Ratio Lower Upper

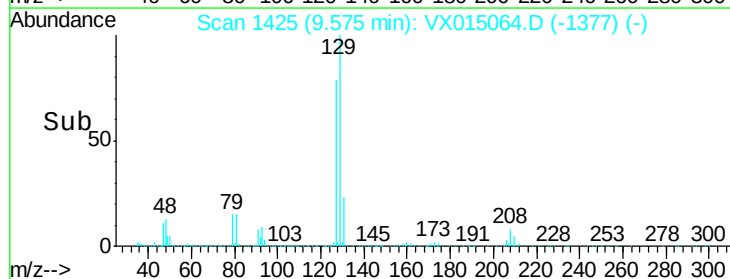
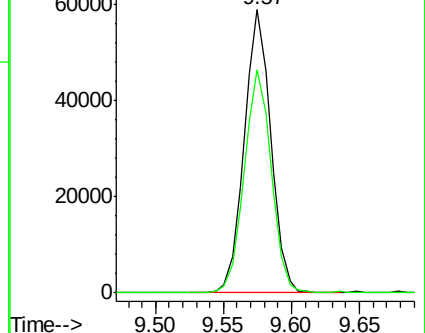
129 100

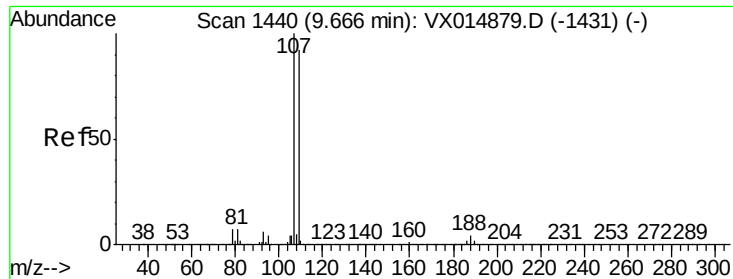
127 79.9 37.8 113.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 19.71 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

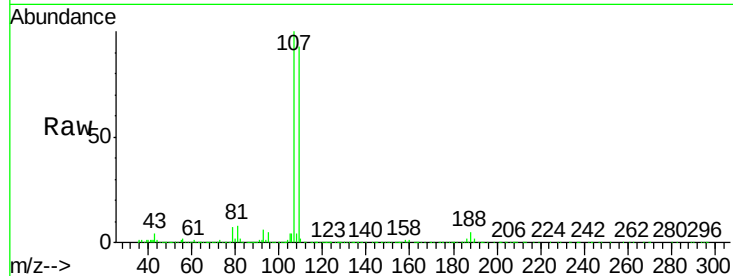
VX0302WBSD01

Tgt Ion: 107 Resp: 81005

Ion Ratio Lower Upper

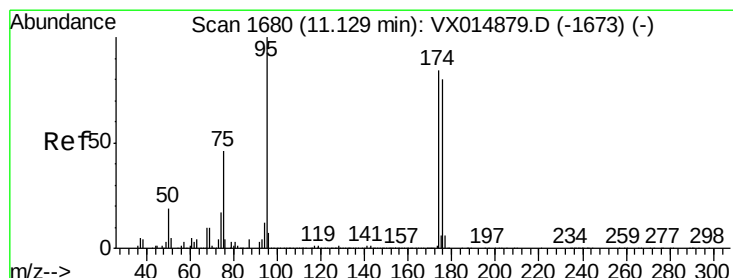
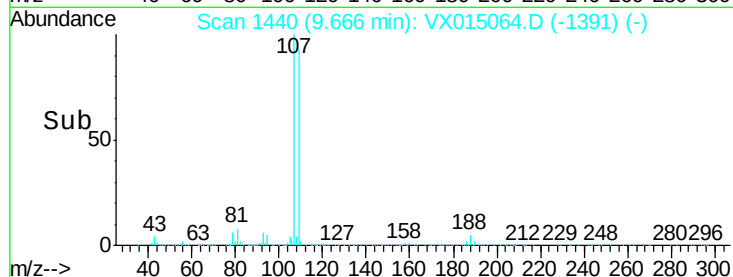
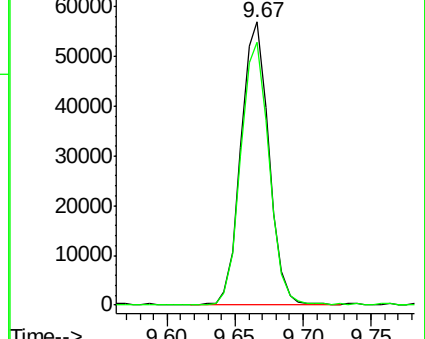
107 100

109 94.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.05 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

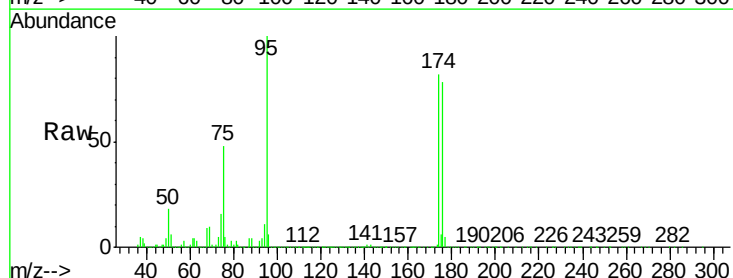
Tgt Ion: 95 Resp: 248645

Ion Ratio Lower Upper

95 100

174 87.8 0.0 183.0

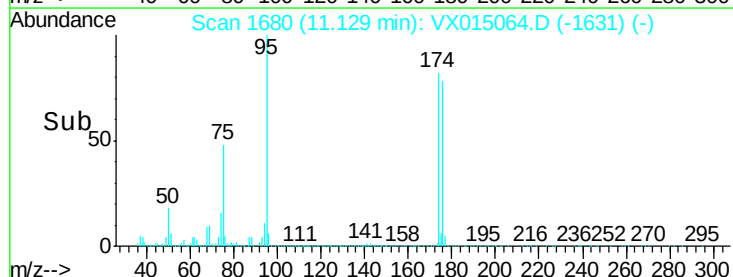
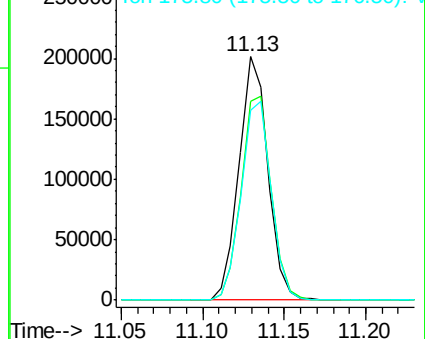
176 85.5 0.0 178.0

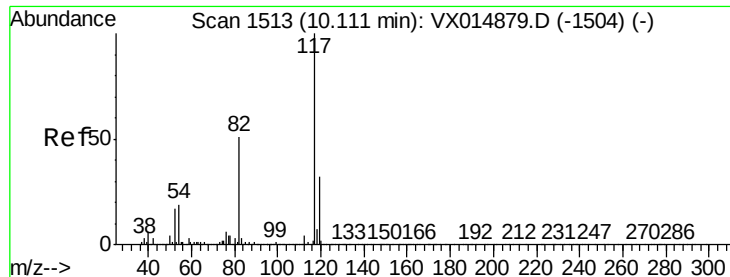


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

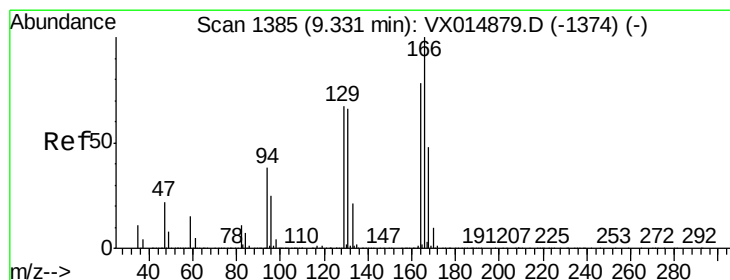
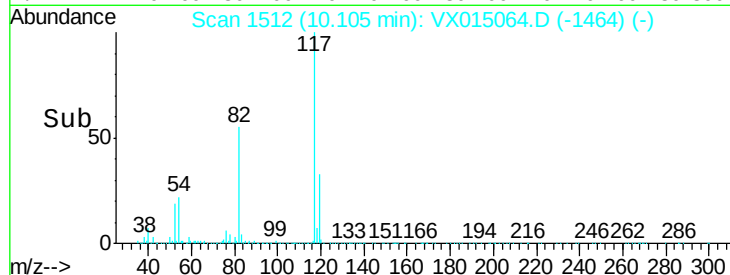
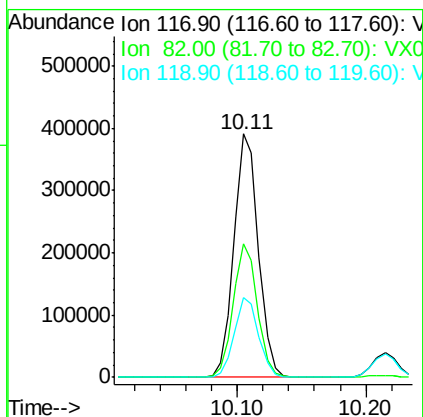
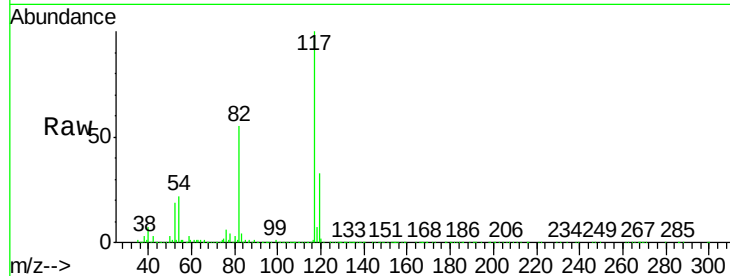




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

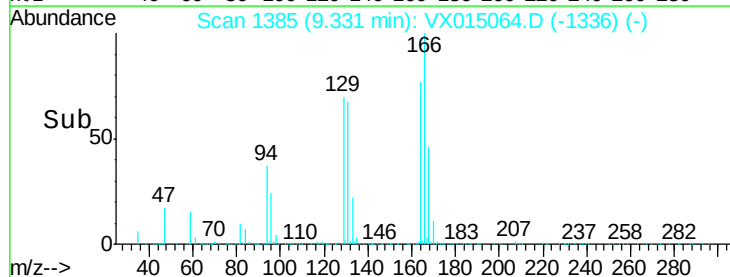
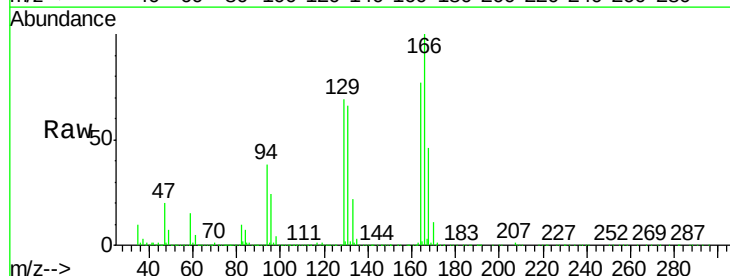
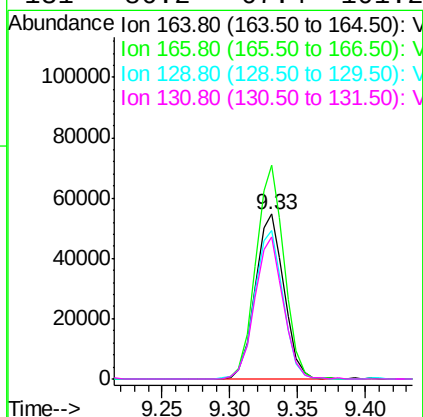
Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

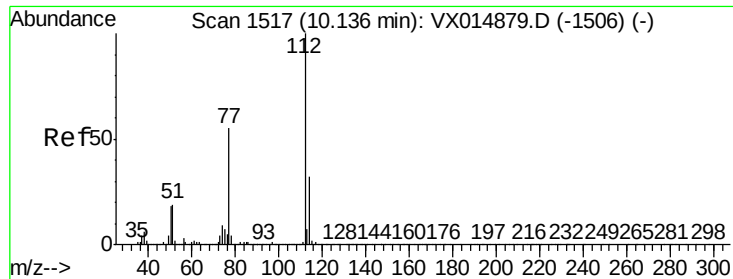
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	40.5	60.7
119	32.5	25.8	38.6



#64
Tetrachloroethene
Concen: 16.70 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	102.6	153.8
129	89.8	68.3	102.5
131	86.2	67.4	101.2

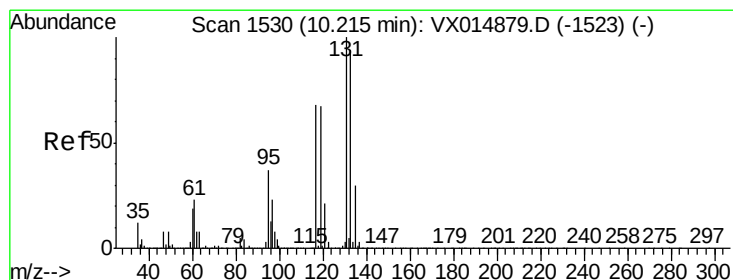
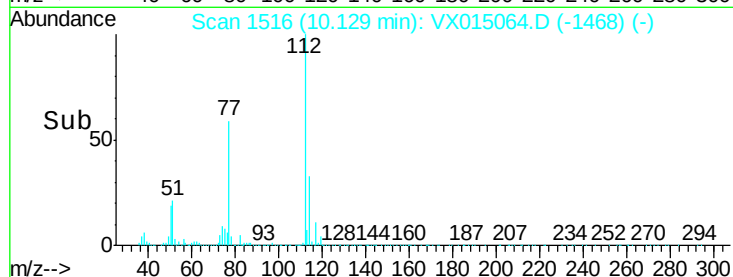
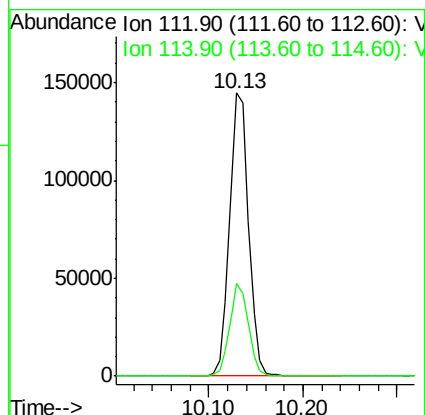
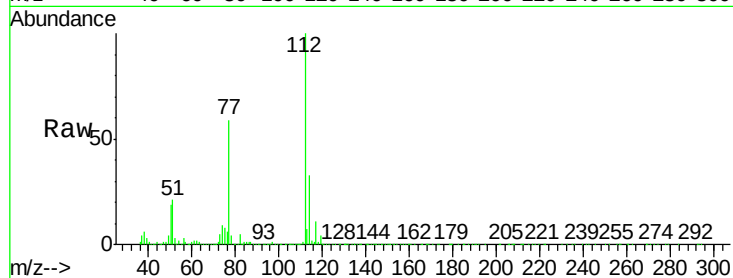




#65
Chlorobenzene
Concen: 19.31 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

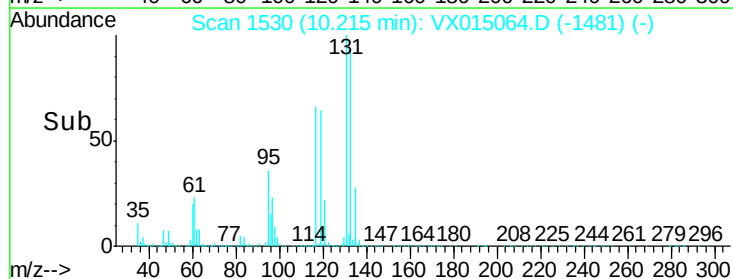
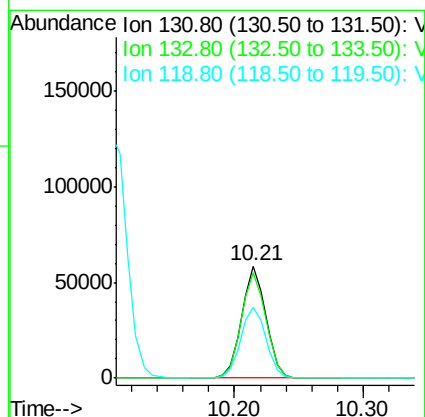
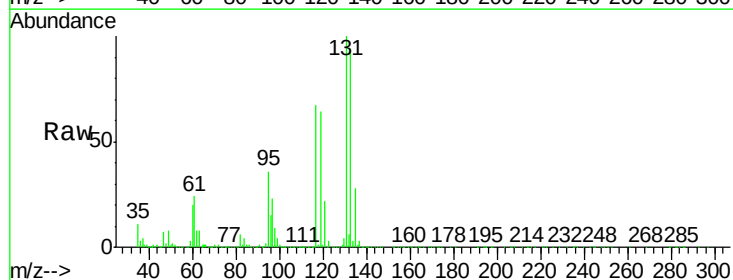
Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

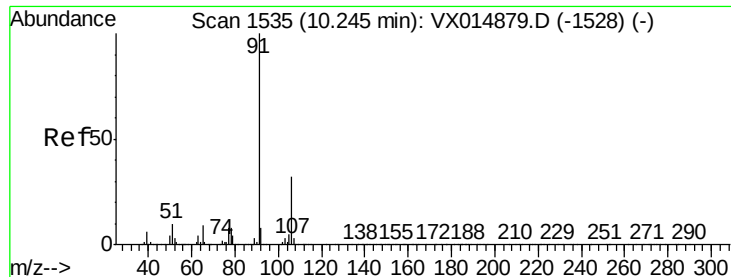
Tgt Ion:112 Resp: 202943
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.03 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion:131 Resp: 76456
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.4
119 65.6 33.0 99.0





#67

Ethyl Benzene

Concen: 19.57 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

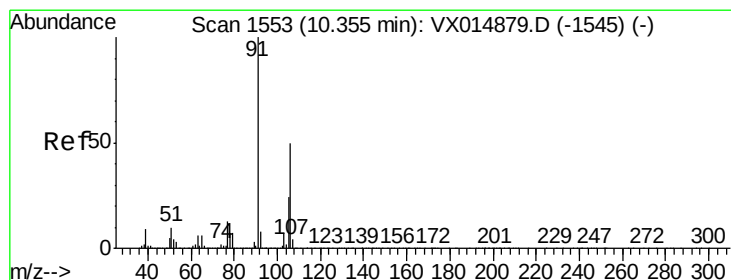
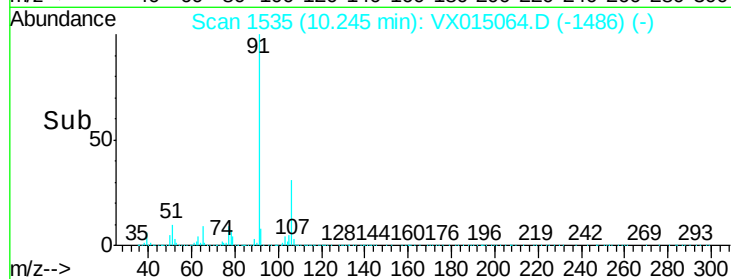
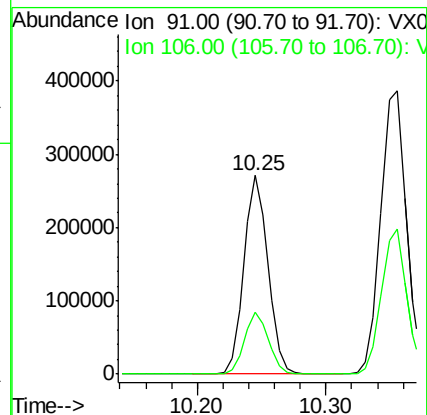
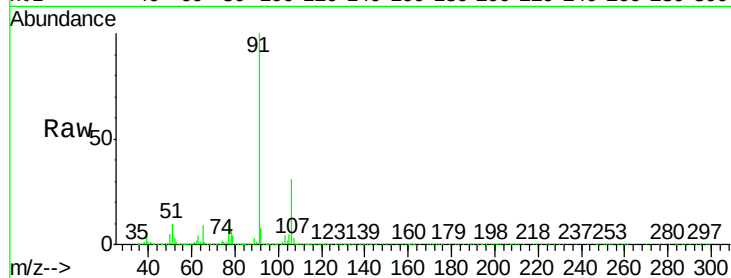
VX0302WBSD01

Tgt Ion: 91 Resp: 349879

Ion Ratio Lower Upper

91 100

106 31.0 25.3 37.9



#68

m/p-Xylenes

Concen: 38.95 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015064.D

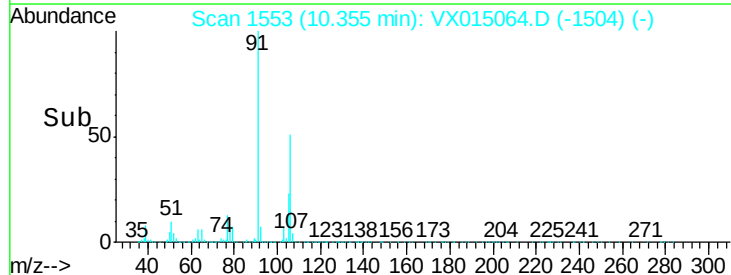
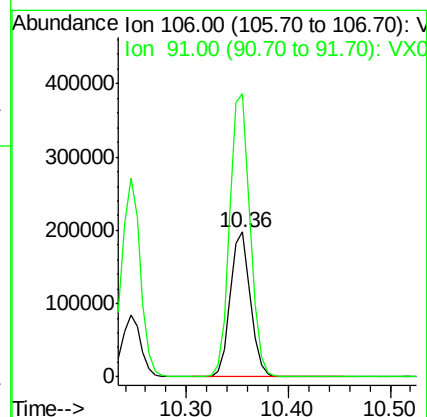
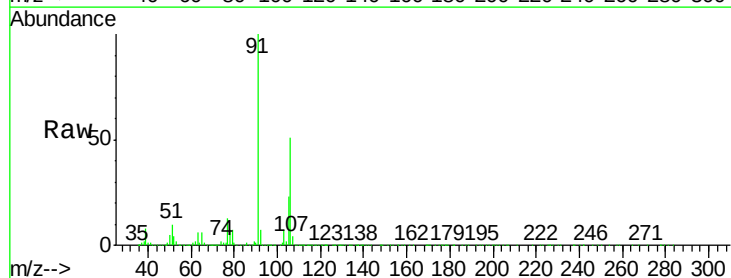
Acq: 02 Mar 2020 11:24

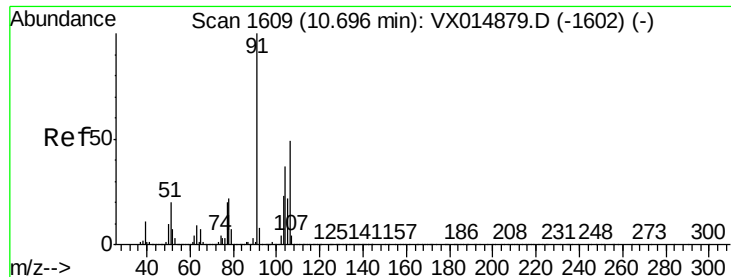
Tgt Ion: 106 Resp: 268243

Ion Ratio Lower Upper

106 100

91 198.6 160.6 240.8

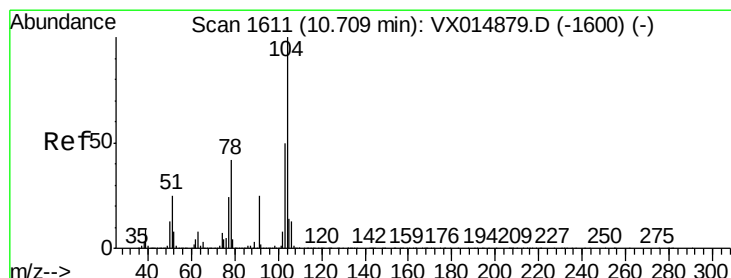
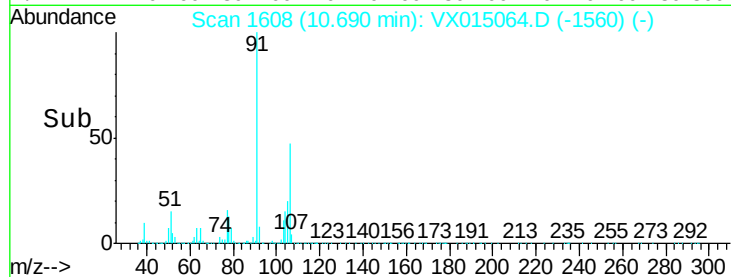
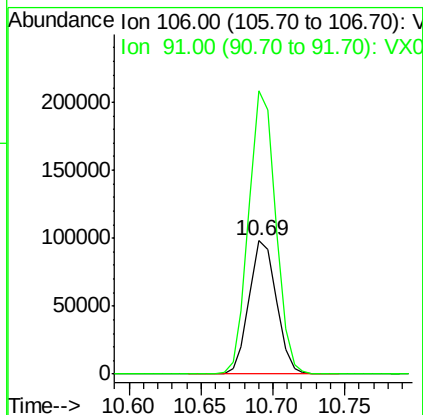
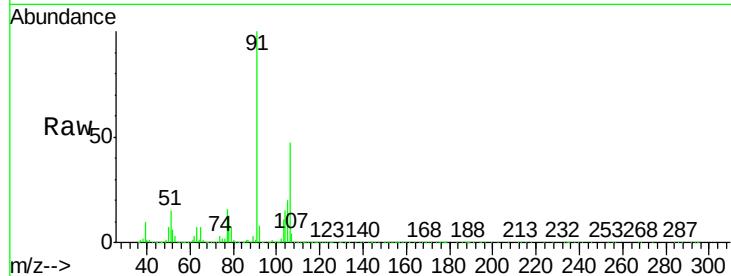




#69
o-Xylene
Concen: 19.35 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

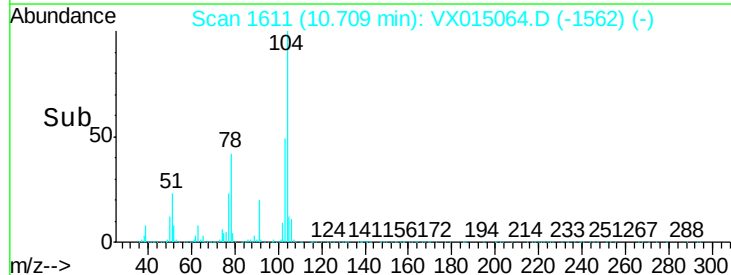
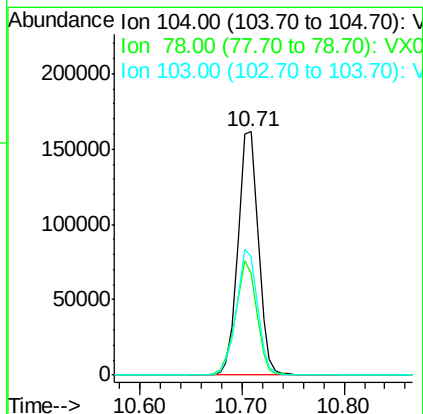
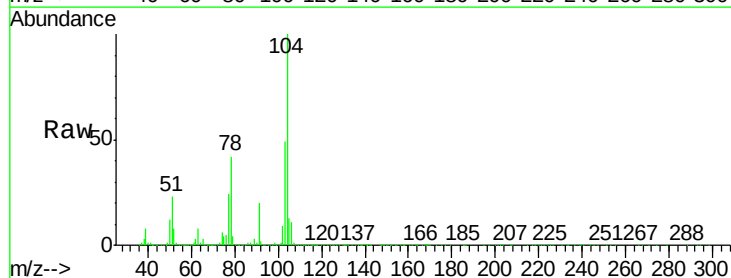
Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

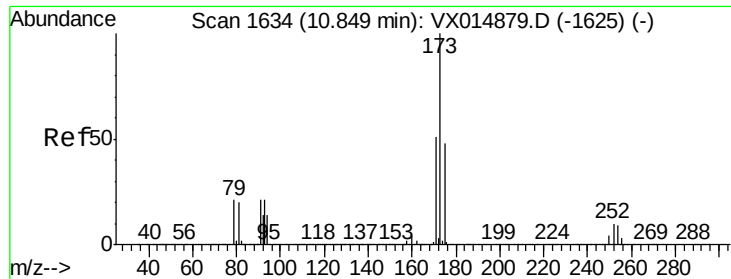
Tgt Ion:106 Resp: 128096
Ion Ratio Lower Upper
106 100
91 209.9 105.1 315.3



#70
Styrene
Concen: 19.90 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion:104 Resp: 222868
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 53.0 43.4 65.0





#71

Bromoform

Concen: 19.50 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

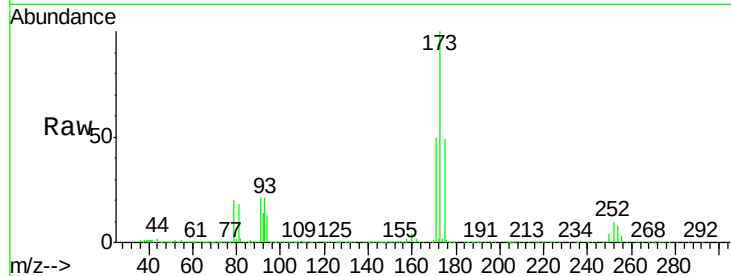
Tgt Ion:173 Resp: 62104

Ion Ratio Lower Upper

173 100

175 50.1 24.2 72.6

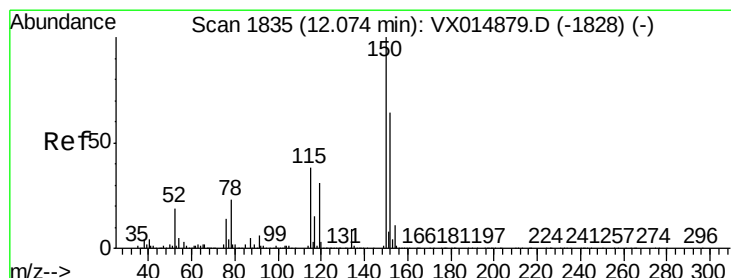
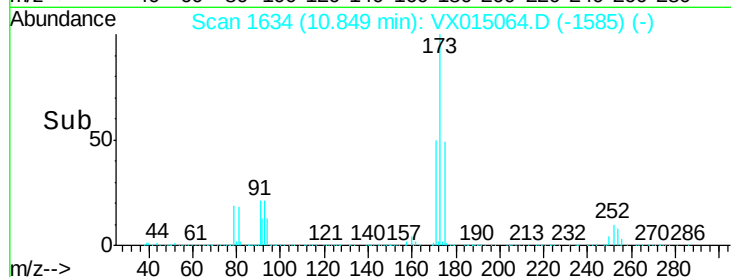
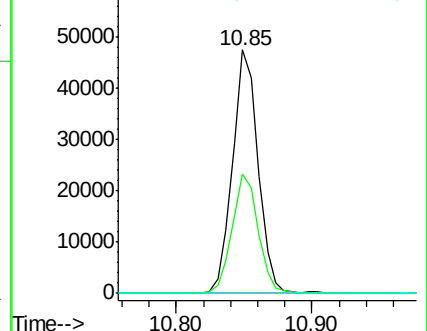
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

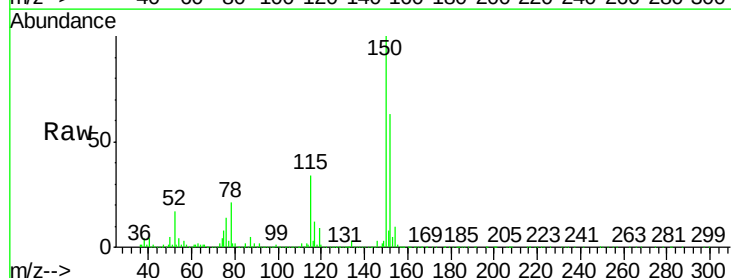
Tgt Ion:152 Resp: 272576

Ion Ratio Lower Upper

152 100

115 62.8 38.6 116.0

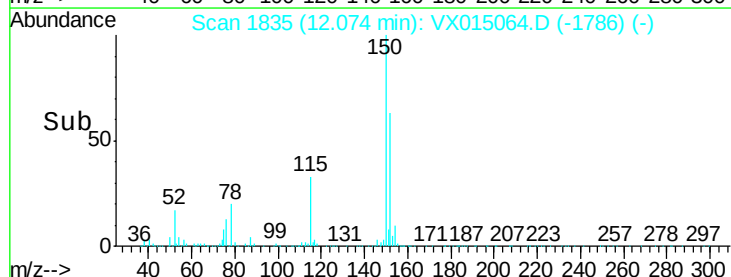
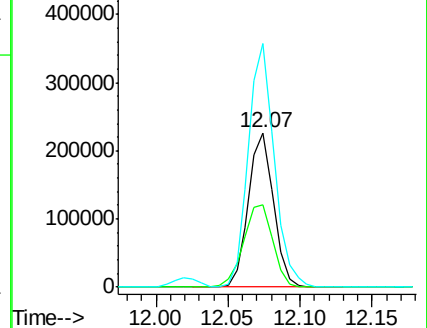
150 163.1 0.0 349.0

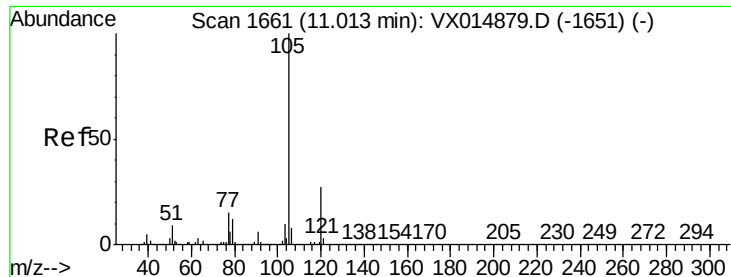


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.14 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

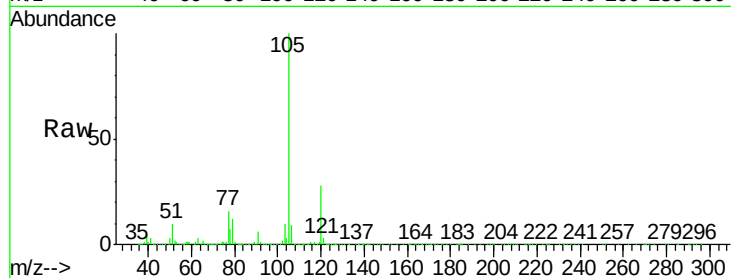
VX0302WBSD01

Tgt Ion: 105 Resp: 344275

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

200000

100000

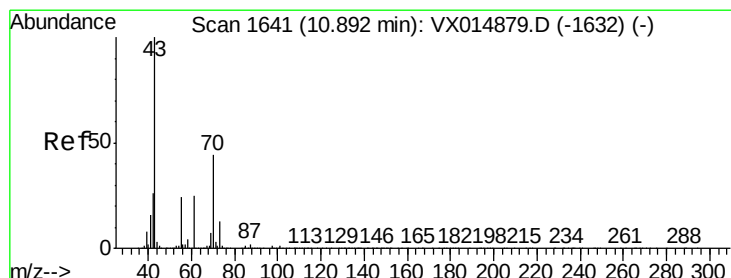
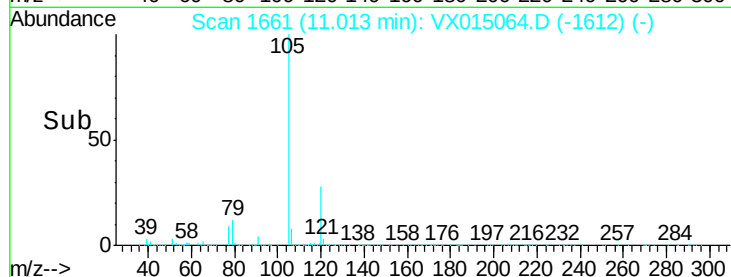
0

11.01

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 21.05 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion: 43 Resp: 149505

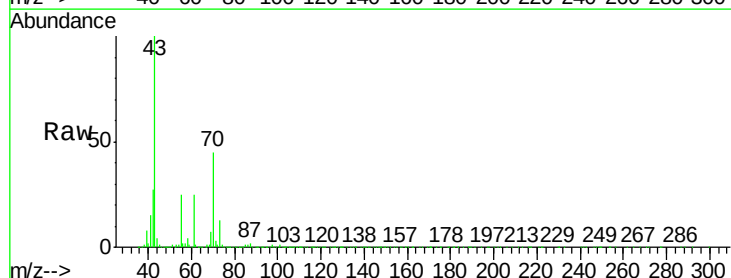
Ion Ratio Lower Upper

43 100

70 44.2 35.0 52.4

55 25.1 19.4 29.2

61 24.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

50000

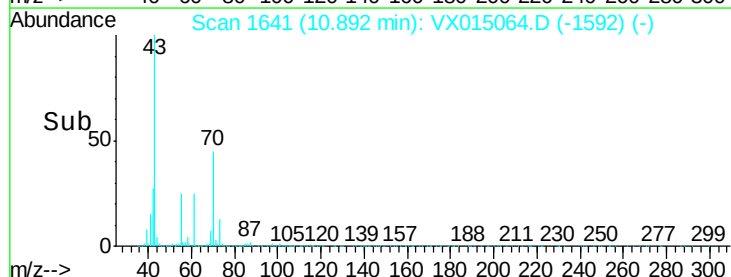
0

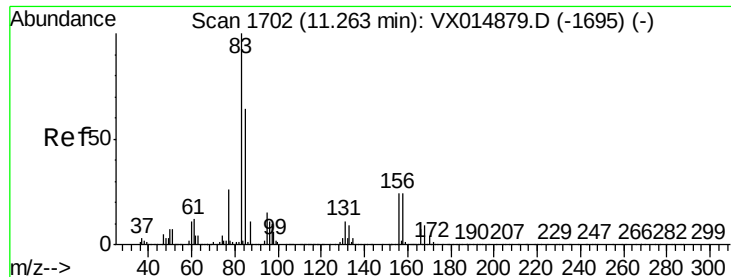
10.89

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.81 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

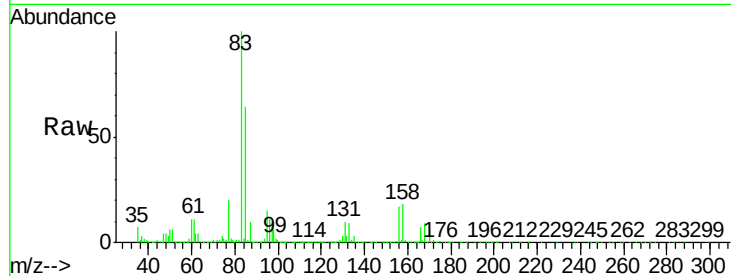
Tgt Ion: 83 Resp: 121871

Ion Ratio Lower Upper

83 100

131 9.7 5.3 16.1

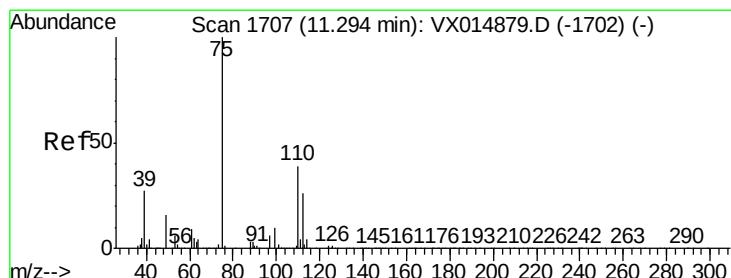
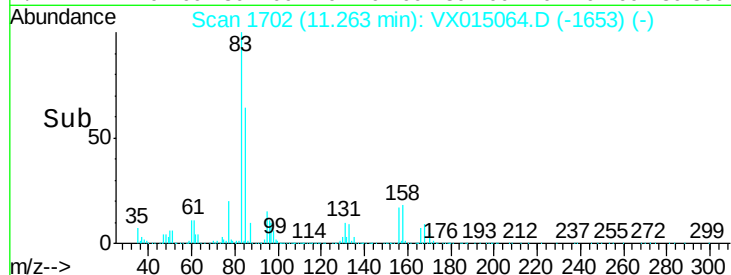
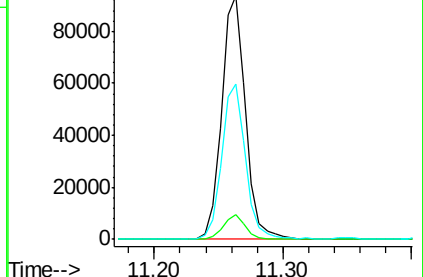
85 63.4 32.6 97.7



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: 27.37 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015064.D

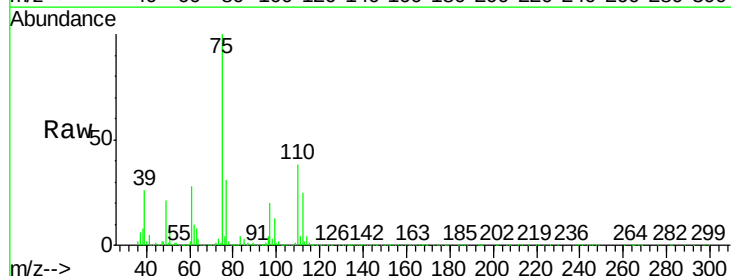
Acq: 02 Mar 2020 11:24

Tgt Ion: 75 Resp: 134907

Ion Ratio Lower Upper

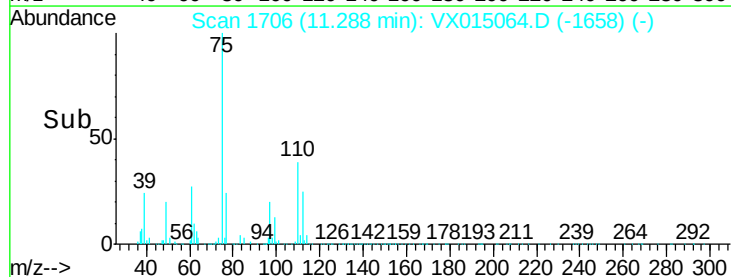
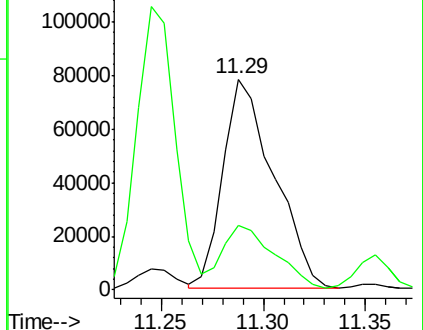
75 100

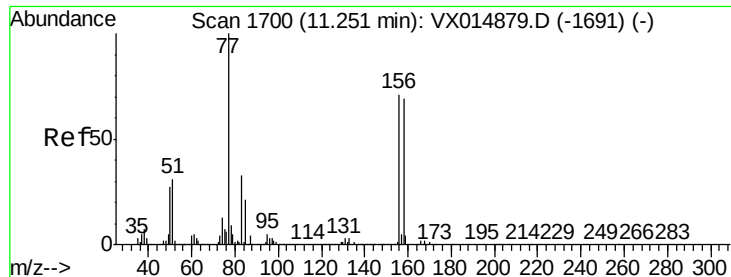
77 32.3 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.40 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

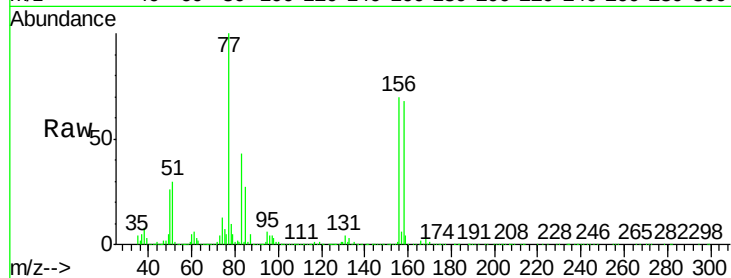
Tgt Ion:156 Resp: 92554

Ion Ratio Lower Upper

156 100

77 150.8 74.0 222.0

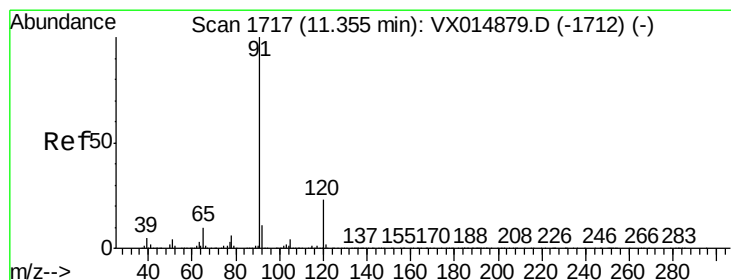
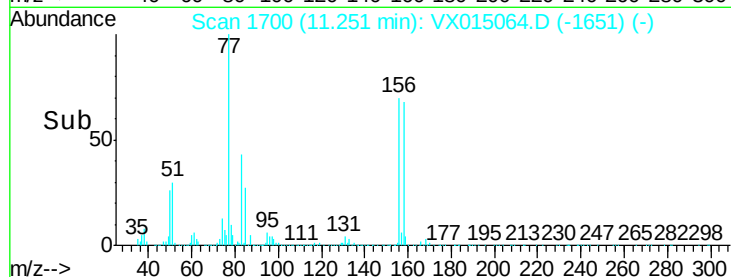
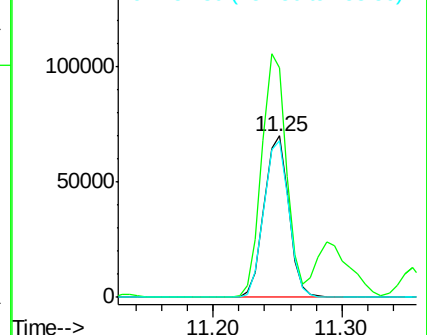
158 98.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.21 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015064.D

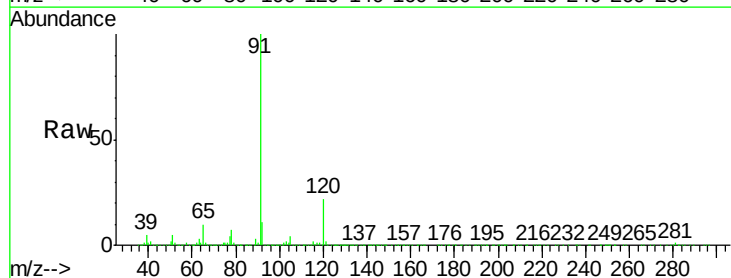
Acq: 02 Mar 2020 11:24

Tgt Ion: 91 Resp: 399586

Ion Ratio Lower Upper

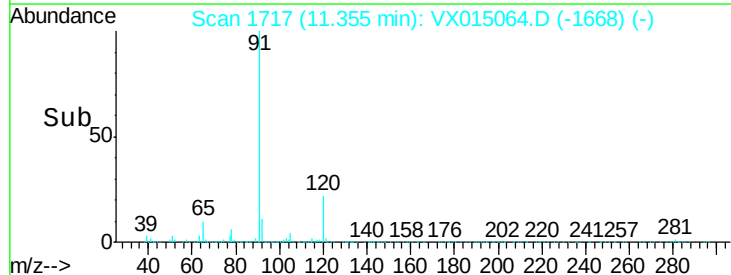
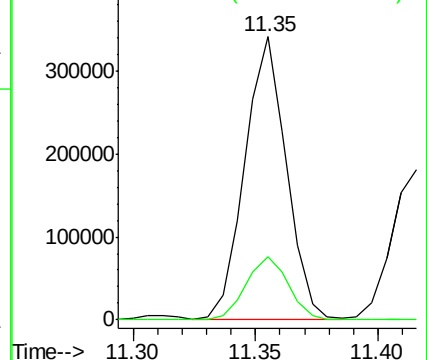
91 100

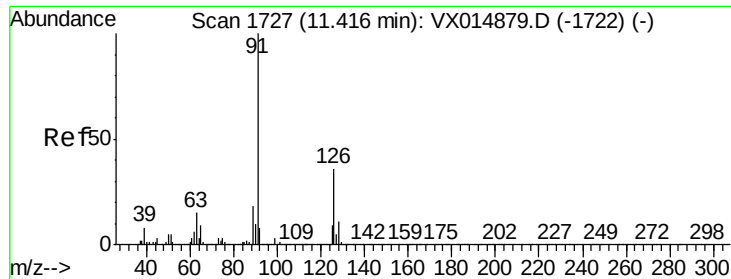
120 22.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

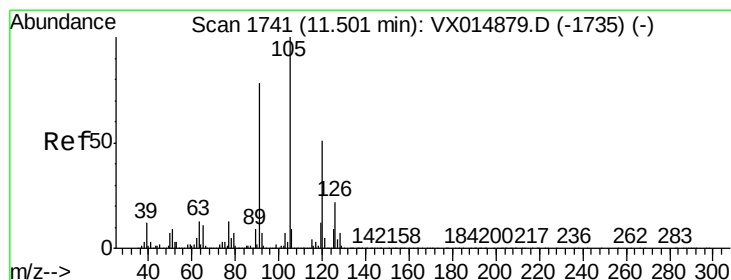
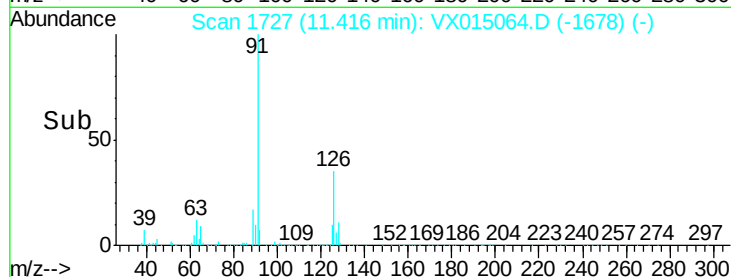
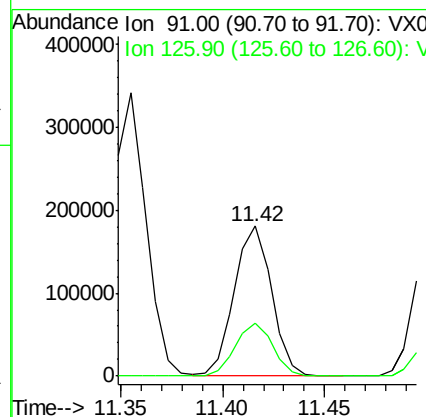
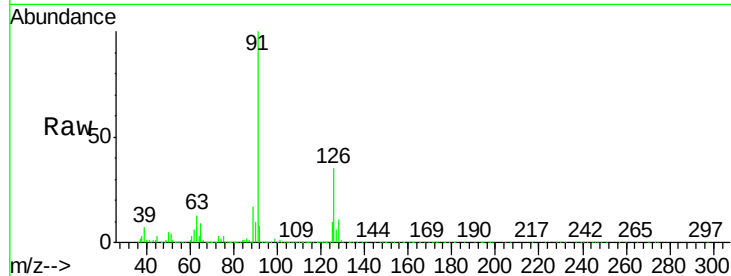




#79
 2-Chlorotoluene
 Concen: 19.65 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

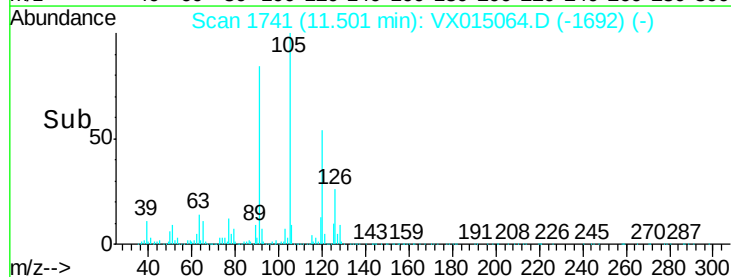
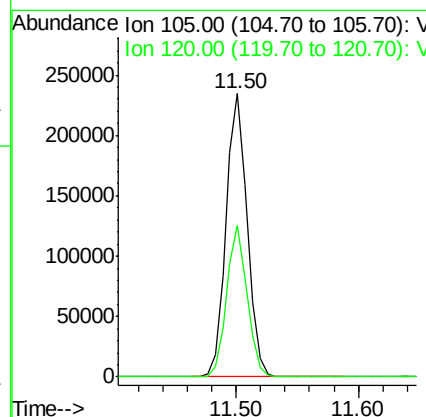
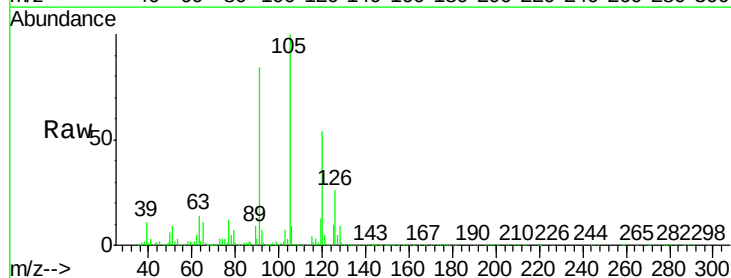
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

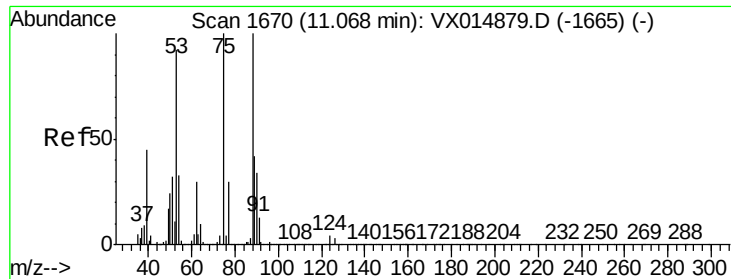
Tgt Ion: 91 Resp: 228414
 Ion Ratio Lower Upper
 91 100
 126 35.4 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.61 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion: 105 Resp: 280125
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.6 76.6

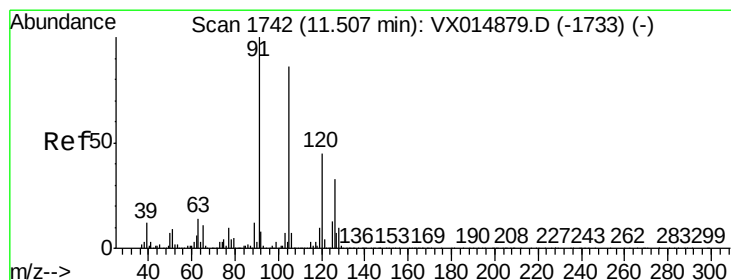
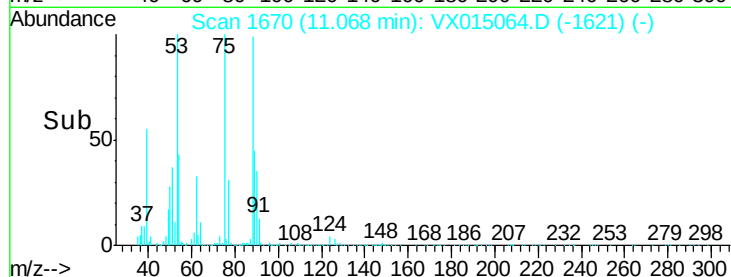
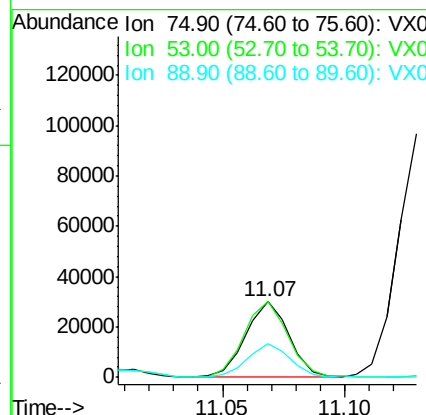
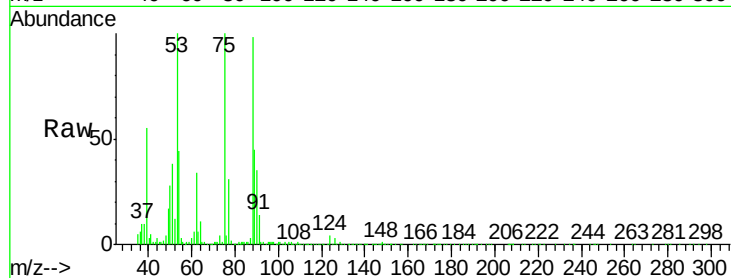




#81
trans-1,4-Dichloro-2-butene
Concen: 18.95 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

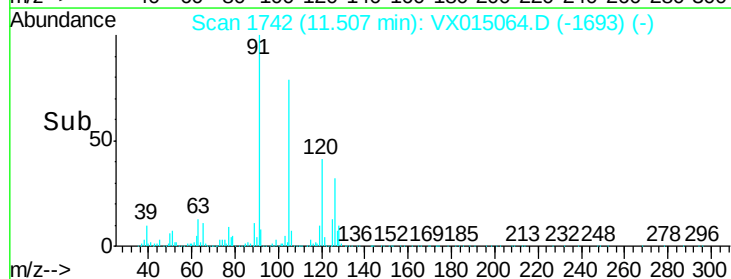
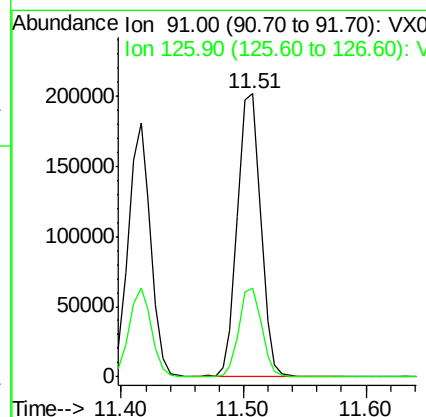
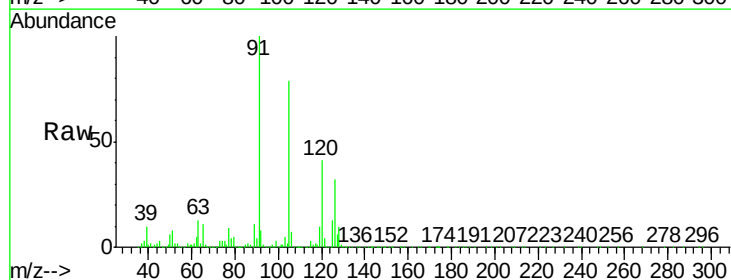
Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

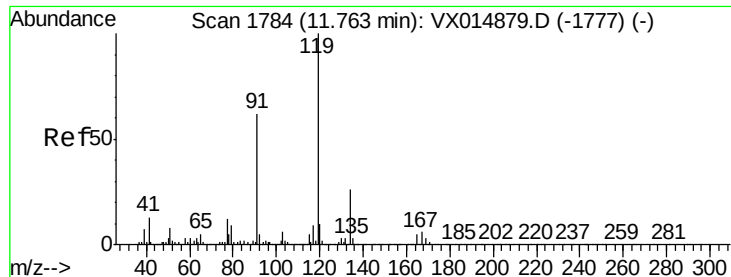
Tgt Ion: 75 Resp: 36487
Ion Ratio Lower Upper
75 100
53 101.6 76.2 114.2
89 45.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.20 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion: 91 Resp: 264275
Ion Ratio Lower Upper
91 100
126 30.8 15.7 47.0

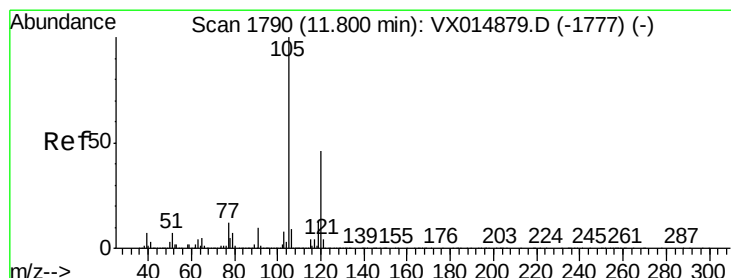
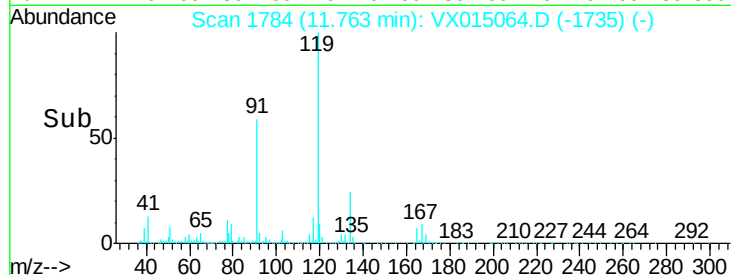
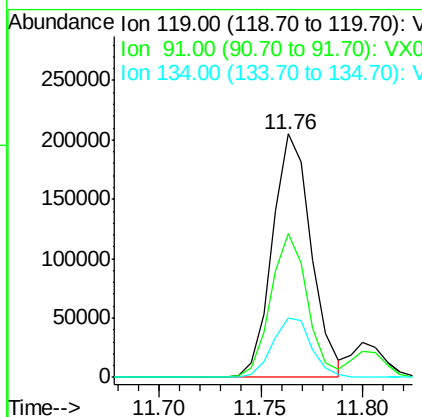
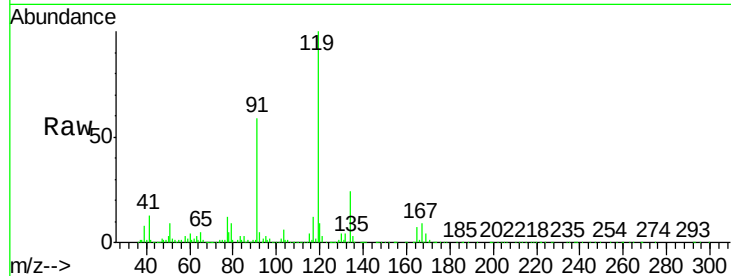




#83
 tert-Butylbenzene
 Concen: 20.10 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

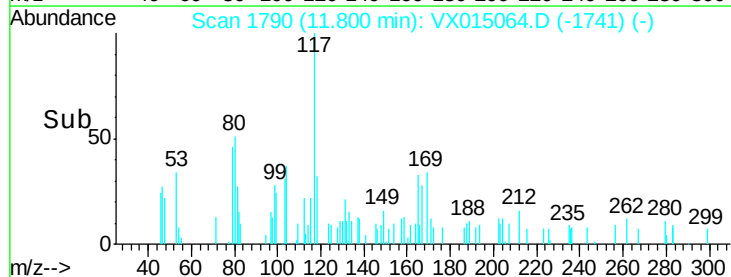
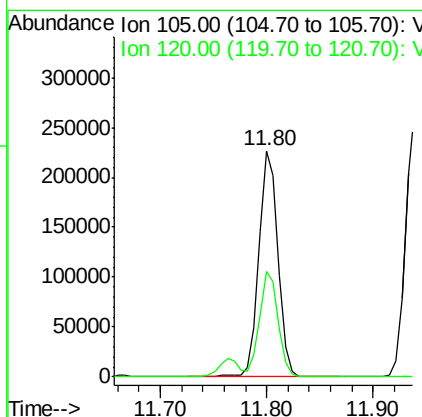
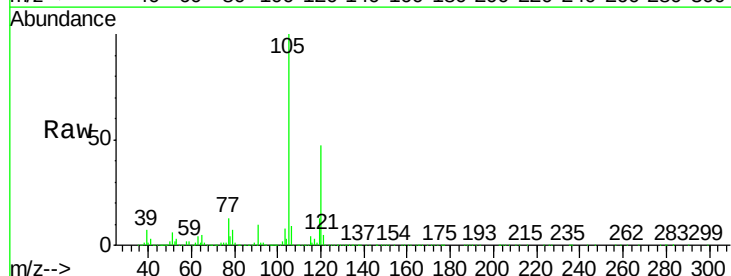
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0302WBSD01

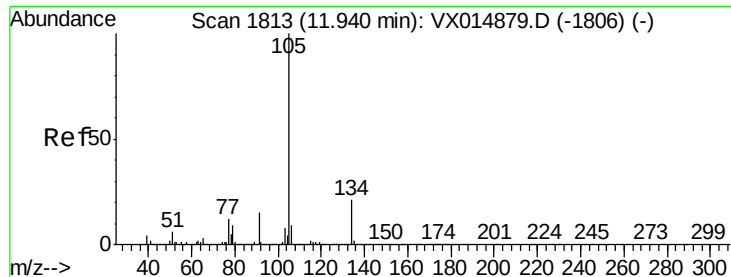
Tgt Ion:119 Resp: 271862
 Ion Ratio Lower Upper
 119 100
 91 55.7 29.5 88.6
 134 24.5 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.78 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion:105 Resp: 284720
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.0 69.0

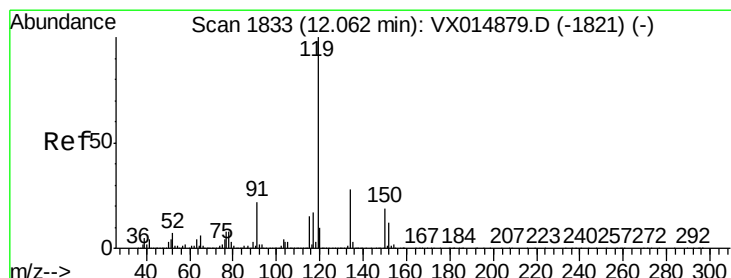
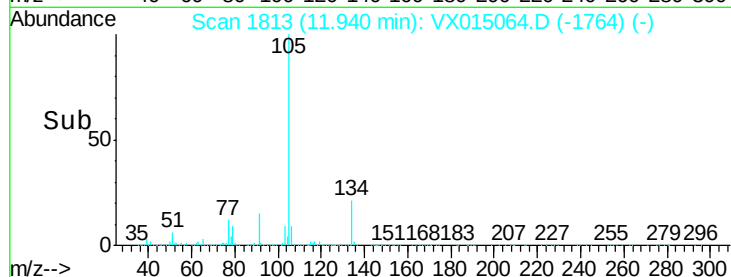
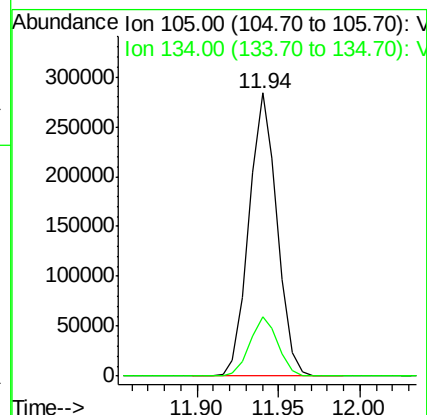
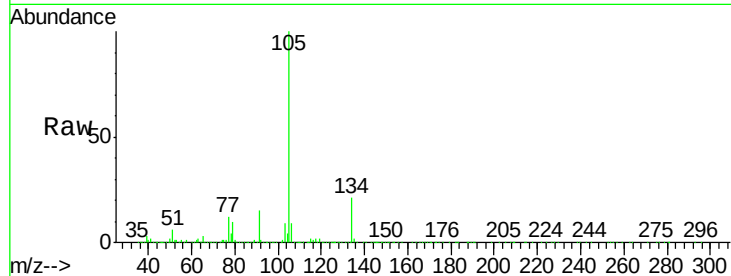




#85
 sec-Butylbenzene
 Concen: 20.25 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

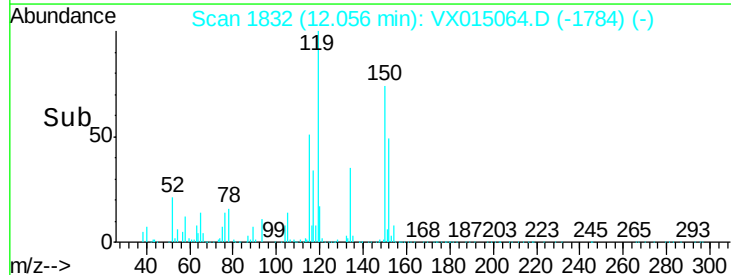
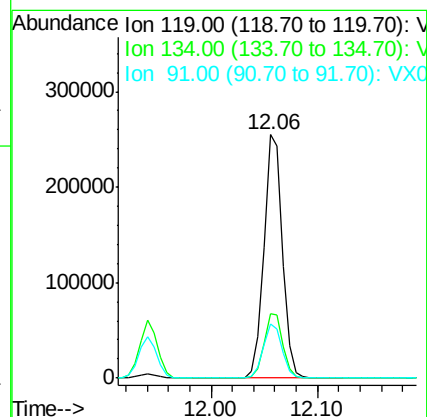
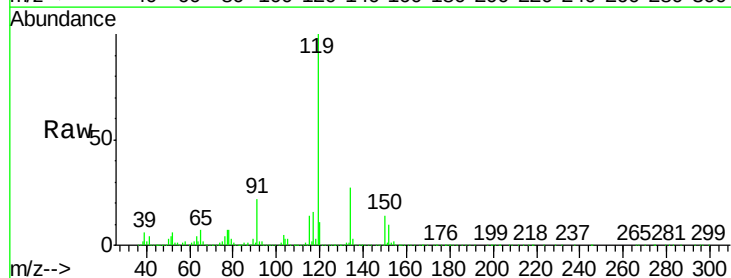
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

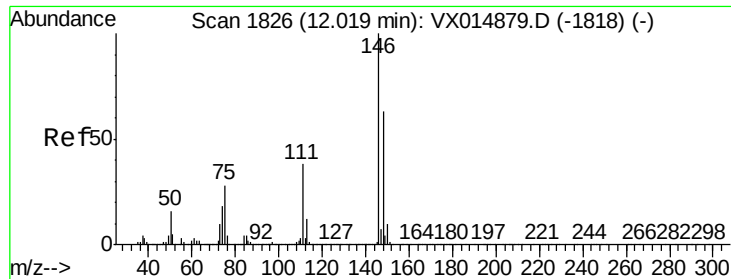
Tgt Ion:105 Resp: 340234
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 19.75 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion:119 Resp: 310601
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.5
 91 22.6 11.4 34.1

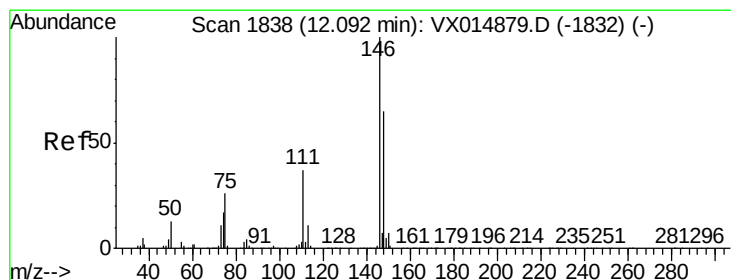
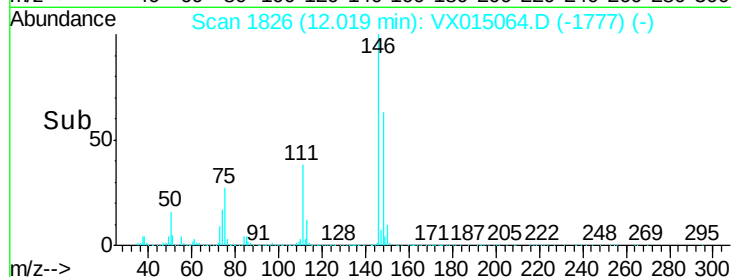
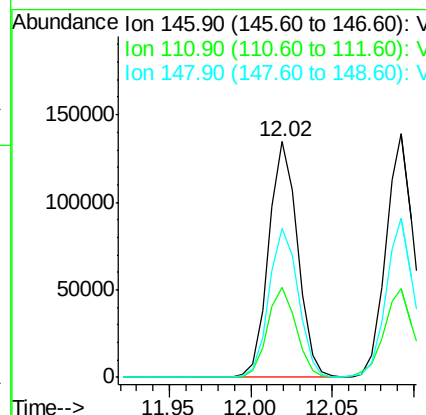
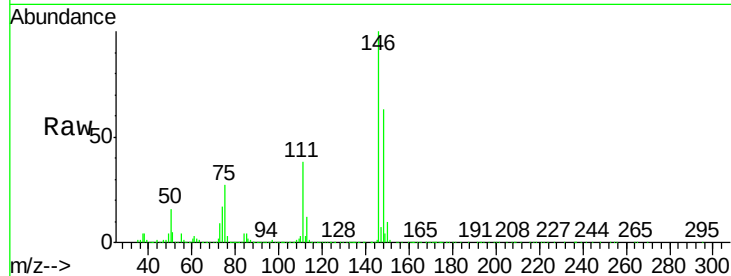




#87
 1,3-Dichlorobenzene
 Concen: 19.25 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

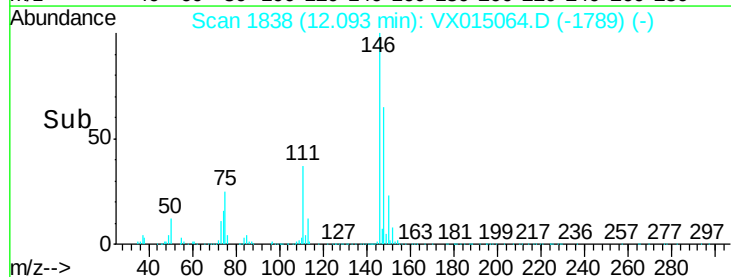
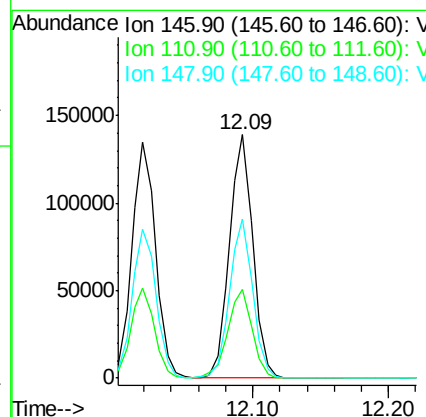
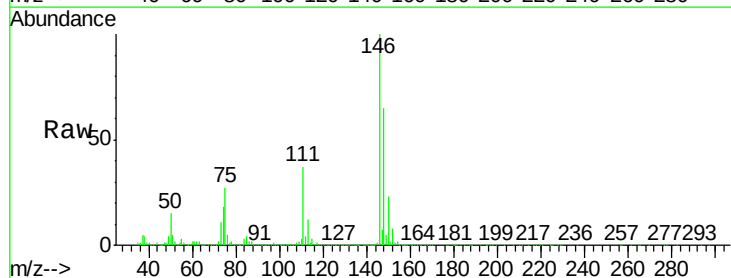
Instrument :
 MSVOA_X
 ClientSampled :
 VX0302WBSD01

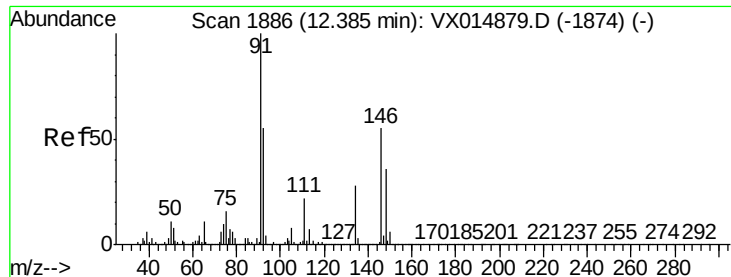
Tgt Ion:146 Resp: 164722
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 56.0
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.87 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion:146 Resp: 164941
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 55.6
 148 65.0 32.4 97.0





#89

n-Butylbenzene

Concen: 17.62 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

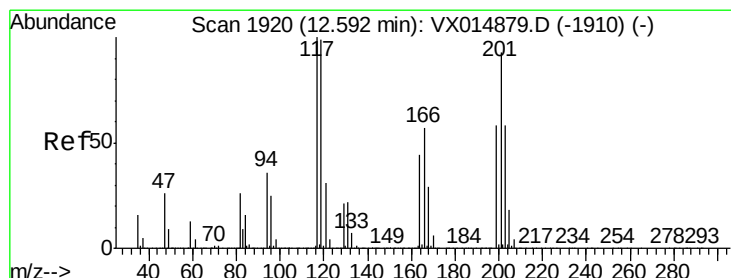
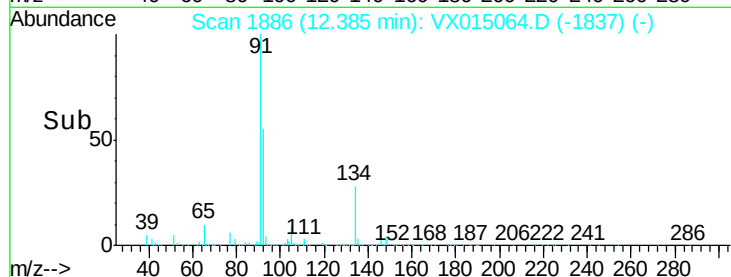
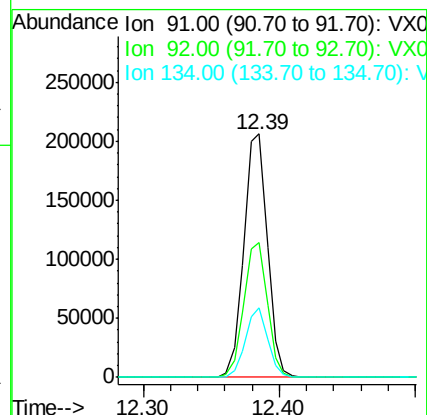
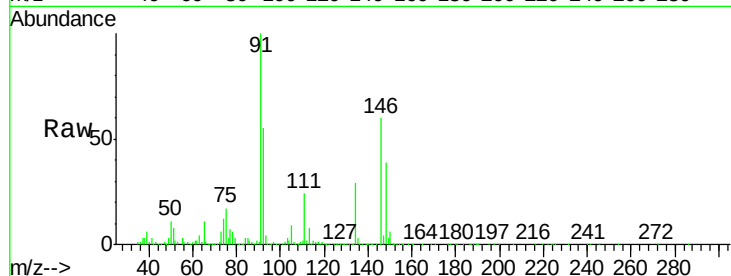
Tgt Ion: 91 Resp: 248150

Ion Ratio Lower Upper

91 100

92 55.5 27.3 81.8

134 27.3 13.8 41.4



#90

Hexachloroethane

Concen: 18.04 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015064.D

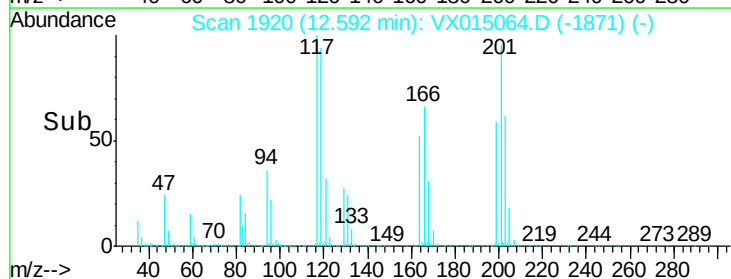
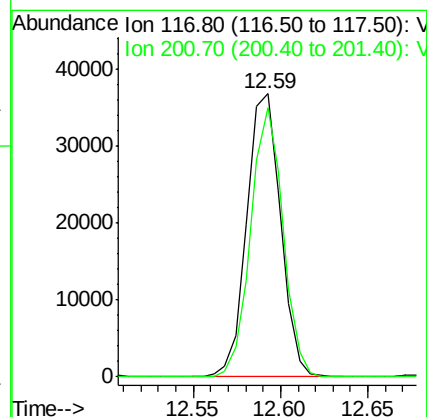
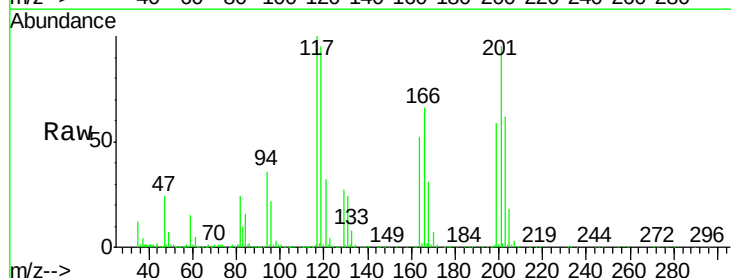
Acq: 02 Mar 2020 11:24

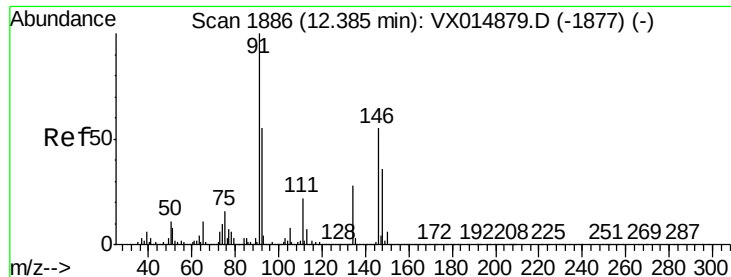
Tgt Ion: 117 Resp: 49522

Ion Ratio Lower Upper

117 100

201 90.6 44.8 134.3

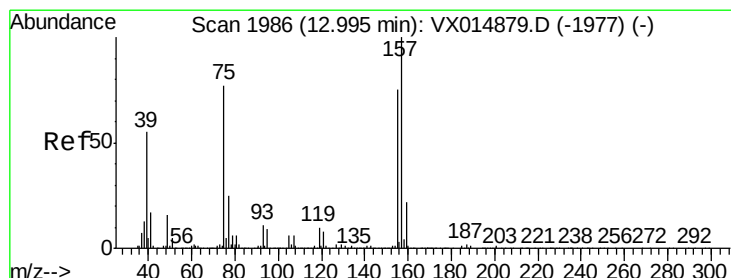
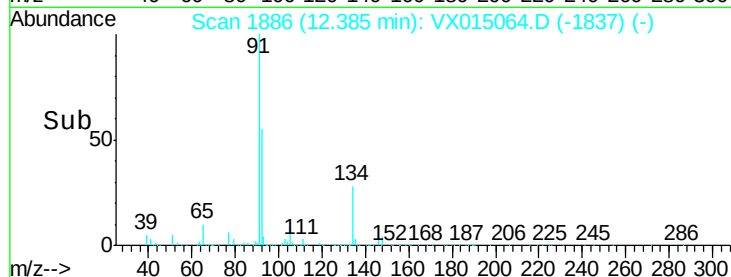
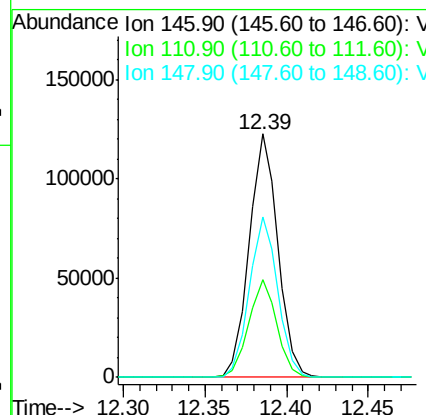
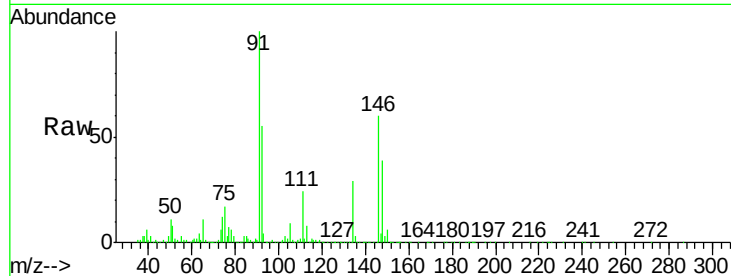




#91
 1,2-Dichlorobenzene
 Concen: 17.84 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

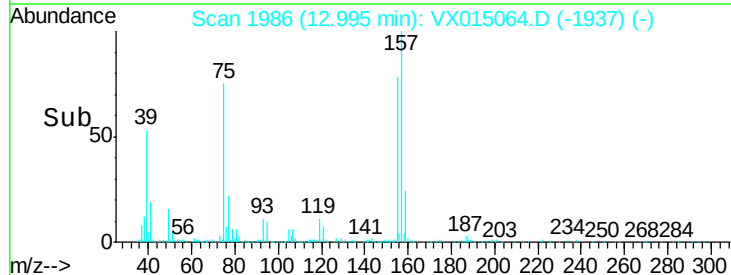
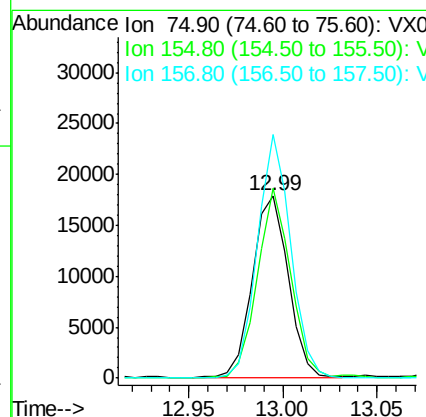
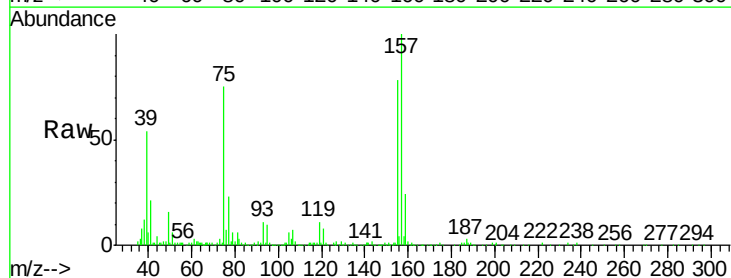
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

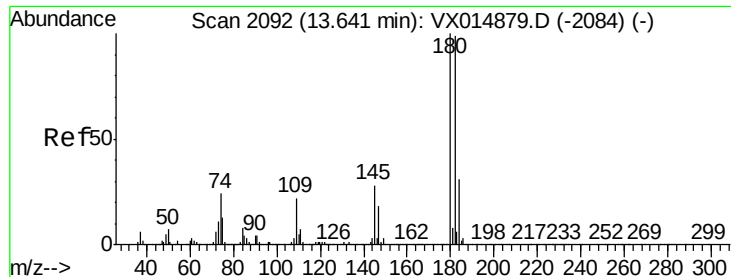
Tgt Ion: 146 Resp: 149744
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.3
 148 66.1 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.99 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion: 75 Resp: 23579
 Ion Ratio Lower Upper
 75 100
 155 98.0 48.6 145.9
 157 124.0 62.0 186.0

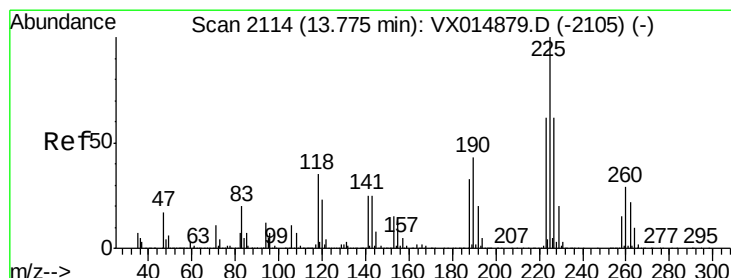
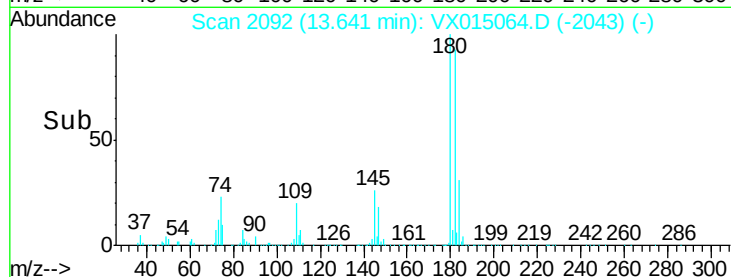
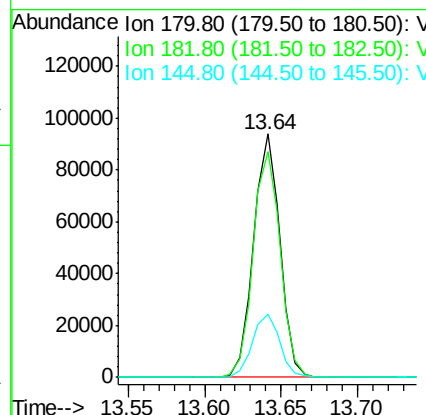
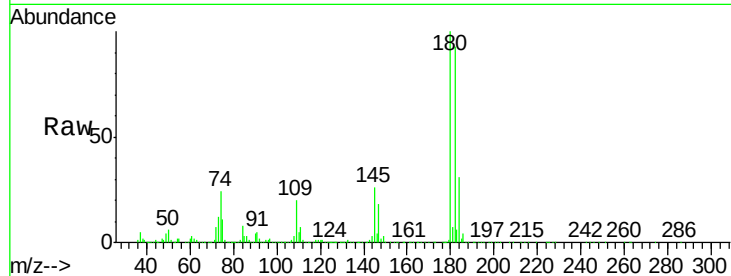




#93
 1,2,4-Trichlorobenzene
 Concen: 18.09 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

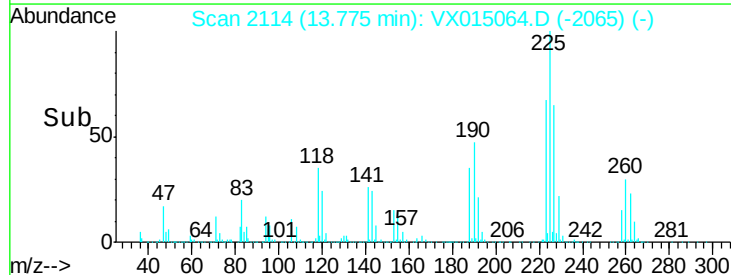
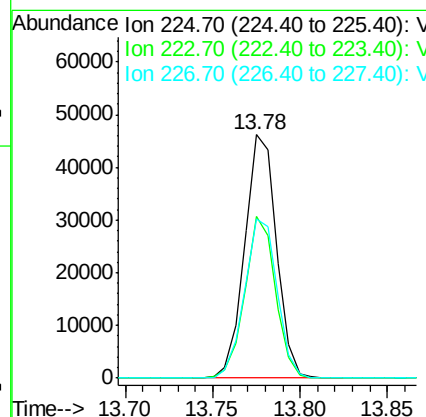
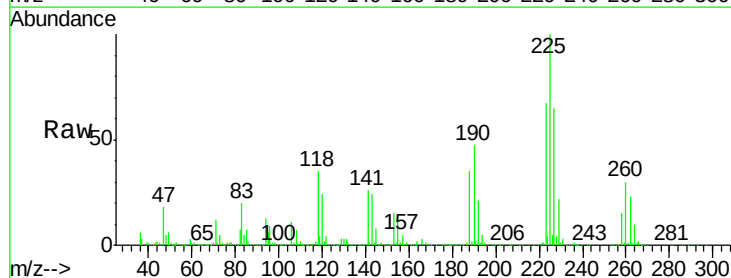
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

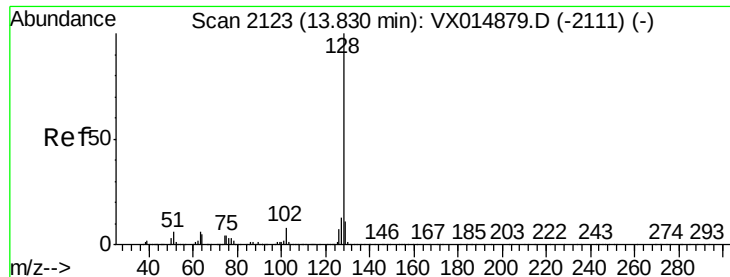
Tgt Ion:180 Resp: 112088
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.4 145.3
 145 27.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.43 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion:225 Resp: 58212
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.1 93.2
 227 67.2 30.9 92.5

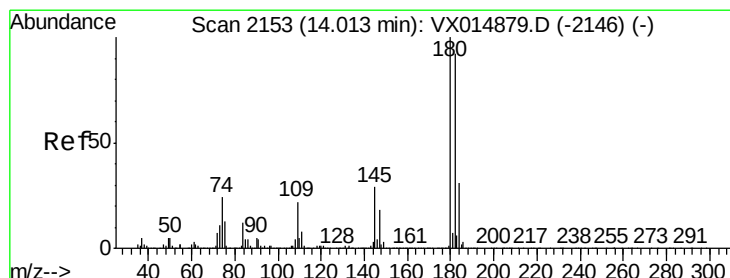
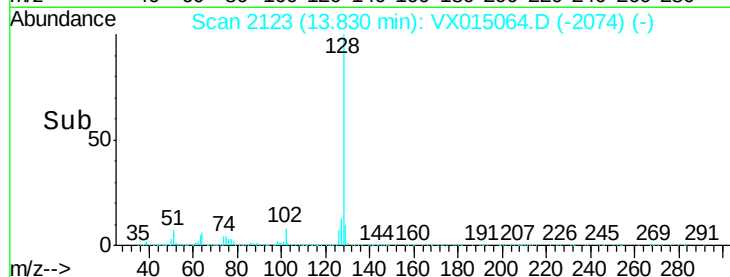
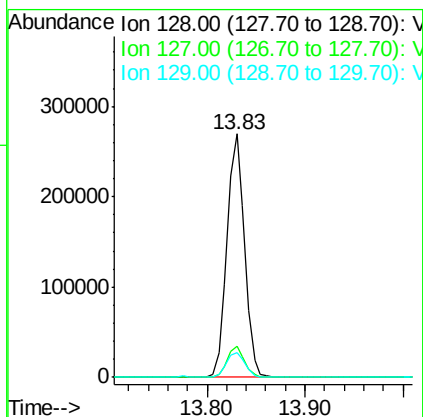
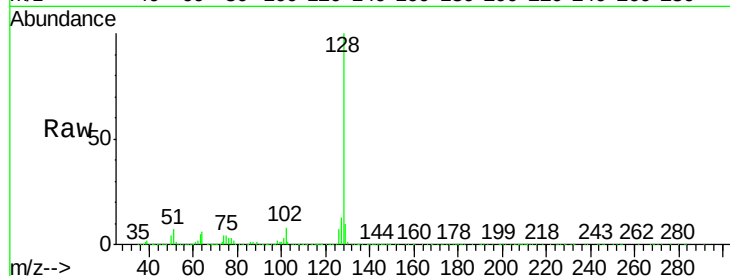




#95
Naphthalene
Concen: 20.46 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion:128 Resp: 337037
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.20 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion:180 Resp: 114901
Ion Ratio Lower Upper
180 100
182 96.2 47.5 142.6
145 30.6 14.5 43.5

