

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121319\
 Data File : VX014015.D
 Acq On : 13 Dec 2019 19:21
 Operator : JC/SP
 Sample : VX1213WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

Quant Time: Dec 14 01:24:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 17:10:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	566902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	865860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	775639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	384853	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	319713	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	5.49	113	258730	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	8.71	98	1024933	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.14	95	361149	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	97495	19.223 ug/l	96
3) Chloromethane	1.32	50	135270	19.874 ug/l	100
4) Vinyl Chloride	1.40	62	135015	18.800 ug/l	100
5) Bromomethane	1.63	94	93498	18.343 ug/l	99
6) Chloroethane	1.70	64	82411	18.592 ug/l #	88
7) Trichlorofluoromethane	1.92	101	169626	19.080 ug/l	94
8) Diethyl Ether	2.18	74	78701	18.862 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102077	19.047 ug/l	99
10) Methyl Iodide	2.50	142	116012	18.175 ug/l	99
11) Tert butyl alcohol	3.05	59	142378	102.555 ug/l	100
12) 1,1-Dichloroethene	2.36	96	103526	18.984 ug/l	97
13) Acrolein	2.28	56	94041	118.334 ug/l	97
14) Allyl chloride	2.72	41	185273	19.028 ug/l	99
15) Acrylonitrile	3.13	53	318684	98.347 ug/l	99
16) Acetone	2.44	43	280547	67.258 ug/l	99
17) Carbon Disulfide	2.56	76	280113	18.975 ug/l	99
18) Methyl Acetate	2.76	43	159333	19.277 ug/l	99
19) Methyl tert-butyl Ether	3.18	73	344096	19.202 ug/l	97
20) Methylene Chloride	2.84	84	122602	18.665 ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	114740	19.099 ug/l	97
22) Diisopropyl ether	3.84	45	377648	19.464 ug/l	98
23) Vinyl Acetate	3.80	43	1623053	102.507 ug/l	100
24) 1,1-Dichloroethane	3.69	63	201160	18.635 ug/l	97
25) 2-Butanone	4.66	43	445115	86.554 ug/l	99
26) 2,2-Dichloropropane	4.58	77	158618	18.925 ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	128386	18.896 ug/l	98
28) Bromochloromethane	5.00	49	84853	20.707 ug/l	100
29) Tetrahydrofuran	5.12	42	283082	98.415 ug/l	99
30) Chloroform	5.20	83	196950	19.246 ug/l	96
31) Cyclohexane	5.56	56	186497	19.425 ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	166734	19.118 ug/l	99
36) 1,1-Dichloropropene	5.79	75	148723	18.720 ug/l	99
37) Ethyl Acetate	4.82	43	176713	20.142 ug/l	99
38) Carbon Tetrachloride	5.78	117	137155	18.950 ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121319\
 Data File : VX014015.D
 Acq On : 13 Dec 2019 19:21
 Operator : JC/SP
 Sample : VX1213WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

Quant Time: Dec 14 01:24:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 17:10:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187178	19.081	ug/l	97
40) Benzene	6.13	78	465889	19.059	ug/l	99
41) Methacrylonitrile	5.03	41	95320	19.582	ug/l	98
42) 1,2-Dichloroethane	6.18	62	161291	19.465	ug/l	99
43) Isopropyl Acetate	6.43	43	284712	19.609	ug/l	99
44) Trichloroethene	7.20	130	124959	18.507	ug/l	99
45) 1,2-Dichloropropane	7.51	63	121554	19.401	ug/l	95
46) Dibromomethane	7.65	93	77713	18.760	ug/l	99
47) Bromodichloromethane	7.89	83	145626	18.666	ug/l	97
48) Methyl methacrylate	7.76	41	138201	19.438	ug/l	99
49) 1,4-Dioxane	7.73	88	57262	395.772	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	901449	98.861	ug/l	99
52) Toluene	8.78	92	296947	19.219	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	163021	19.057	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	183937	19.300	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	121195	19.571	ug/l	97
56) Ethyl methacrylate	9.17	69	188303	19.358	ug/l	98
57) 1,3-Dichloropropane	9.37	76	202039	19.391	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	359451	97.644	ug/l	99
59) 2-Hexanone	9.49	43	688456	93.791	ug/l	99
60) Dibromochloromethane	9.58	129	116884	18.989	ug/l	100
61) 1,2-Dibromoethane	9.67	107	123202	19.445	ug/l	100
64) Tetrachloroethene	9.33	164	115742	16.864	ug/l	98
65) Chlorobenzene	10.14	112	313635	19.017	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	113094	19.206	ug/l	98
67) Ethyl Benzene	10.24	91	552476	19.485	ug/l	100
68) m/p-Xylenes	10.35	106	420596	38.568	ug/l	99
69) o-Xylene	10.70	106	206442	19.302	ug/l	99
70) Styrene	10.71	104	342819	18.955	ug/l	99
71) Bromoform	10.85	173	88549	18.707	ug/l #	99
73) Isopropylbenzene	11.01	105	535804	19.774	ug/l	99
74) N-amyl acetate	10.89	43	249737	19.662	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	189943	20.219	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	202451	23.274	ug/l	90
77) Bromobenzene	11.25	156	140340	18.824	ug/l	98
78) n-propylbenzene	11.35	91	595999	19.609	ug/l	99
79) 2-Chlorotoluene	11.42	91	362434	19.617	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	450045	19.735	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55259	18.668	ug/l	93
82) 4-Chlorotoluene	11.51	91	415014	19.365	ug/l	99
83) tert-Butylbenzene	11.76	119	449512	20.255	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	453813	19.871	ug/l	99
85) sec-Butylbenzene	11.94	105	512694	19.569	ug/l	99
86) p-Isopropyltoluene	12.06	119	468365	19.544	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	241519	18.484	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	240798	18.125	ug/l	99
89) n-Butylbenzene	12.38	91	382659	18.713	ug/l	100
90) Hexachloroethane	12.59	117	81791	19.001	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	247631	18.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37876	18.220	ug/l	97

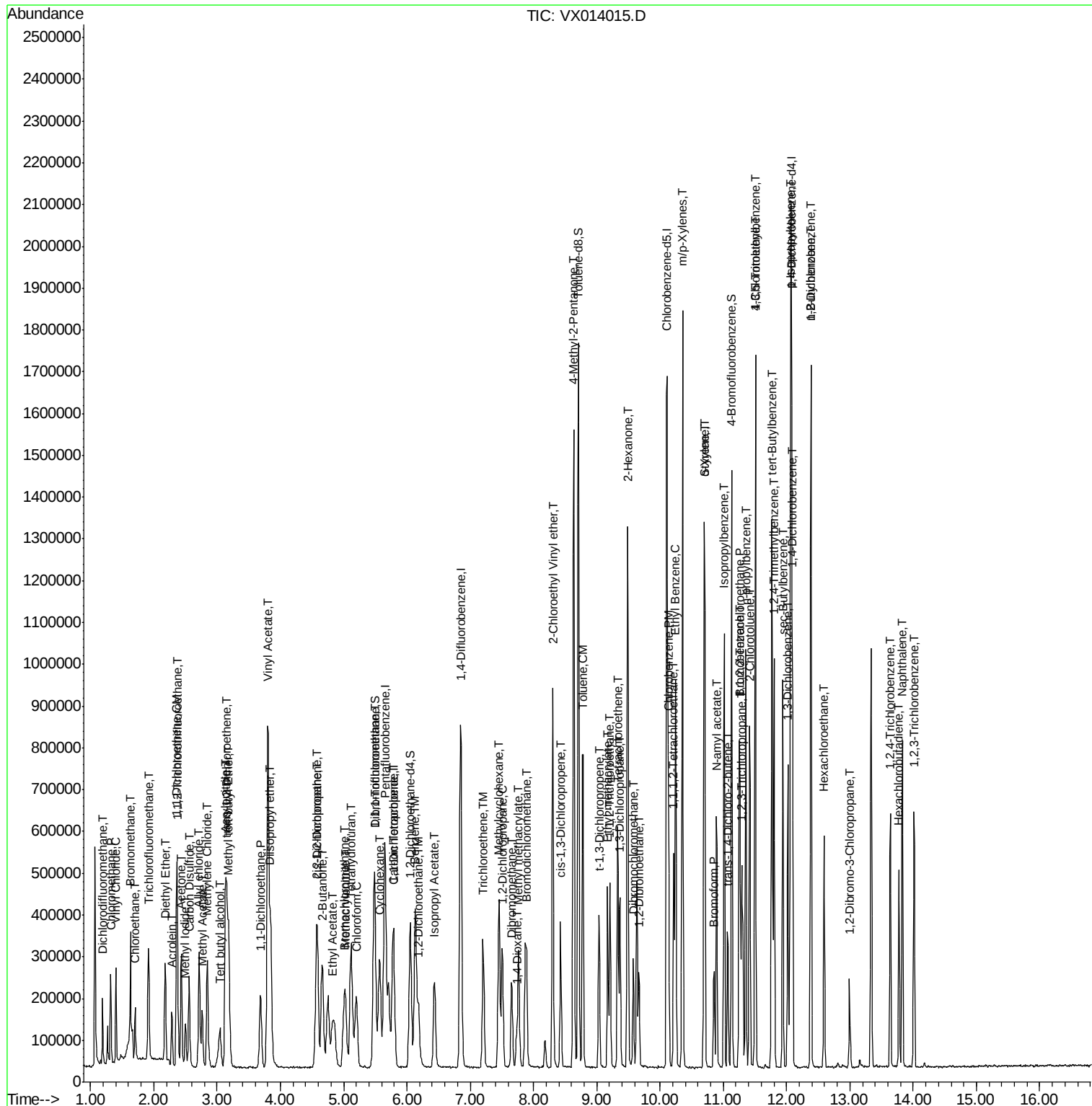
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121319\
Data File : VX014015.D
Acq On : 13 Dec 2019 19:21
Operator : JC/SP
Sample : VX1213WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

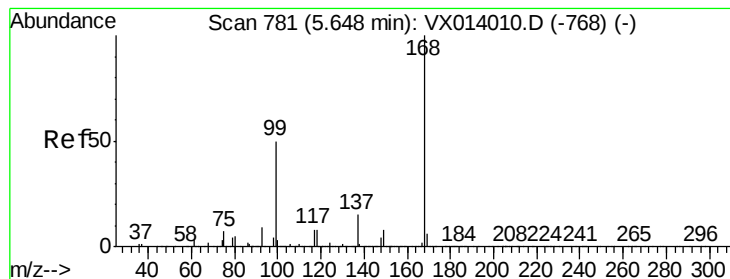
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Quant Time: Dec 14 01:24:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 17:10:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	150794	17.639	ug/l	98
94) Hexachlorobutadiene	13.77	225	73298	17.840	ug/l	96
95) Naphthalene	13.83	128	471584	18.775	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	154765	18.339	ug/l	97

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

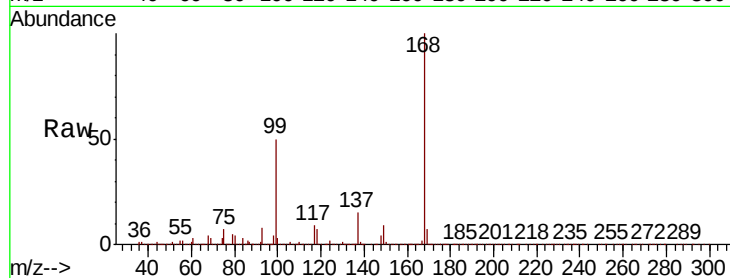
VX1213WBS01

Tgt Ion: 168 Resp: 566902

Ion Ratio Lower Upper

168 100

99 49.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

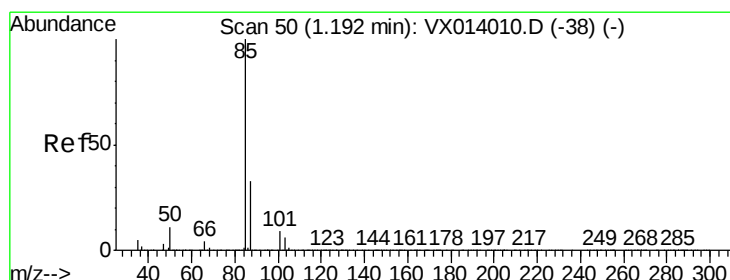
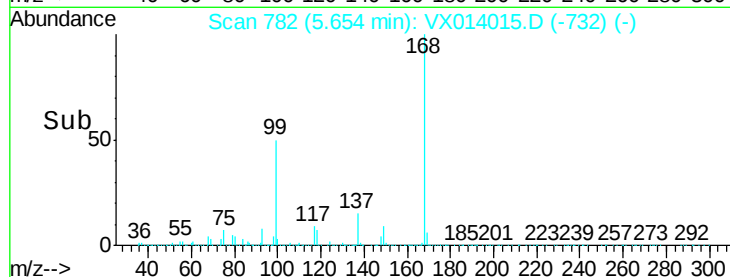
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.223 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX014015.D

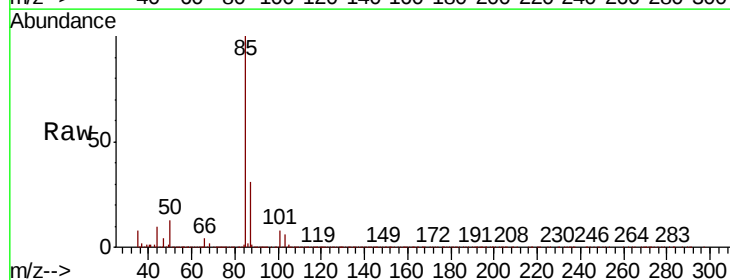
Acq: 13 Dec 2019 19:21

Tgt Ion: 85 Resp: 97495

Ion Ratio Lower Upper

85 100

87 30.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

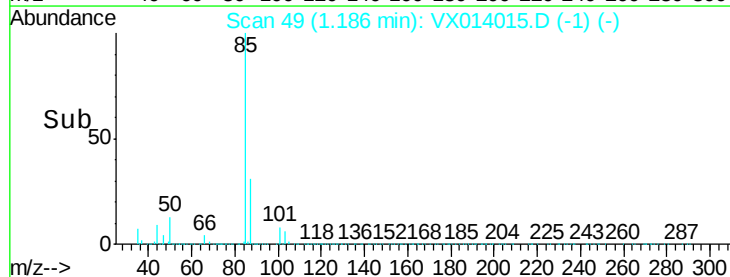
60000

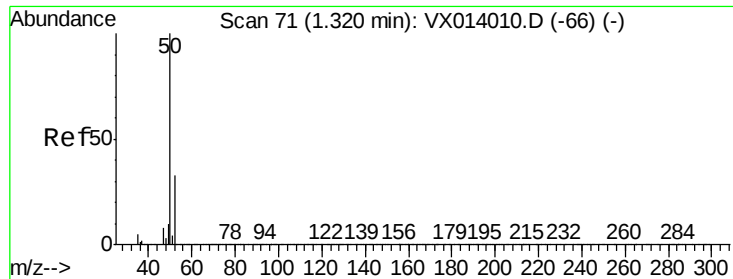
40000

20000

0

Time-->

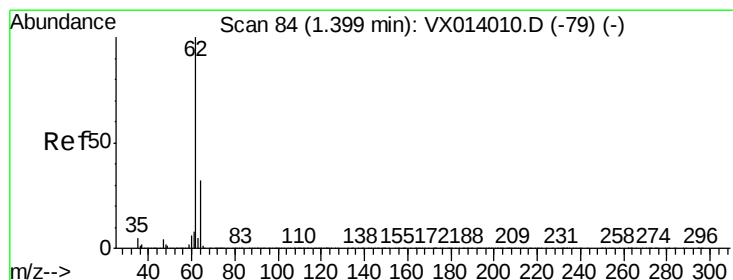
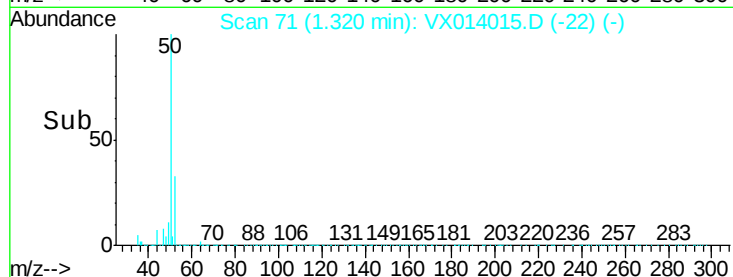
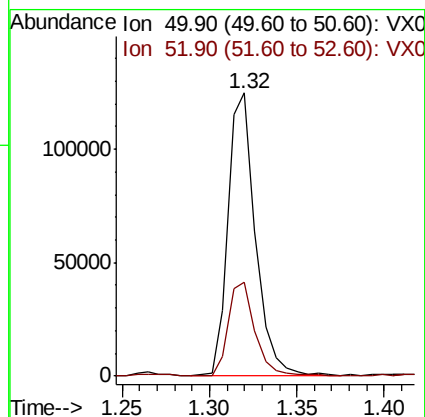
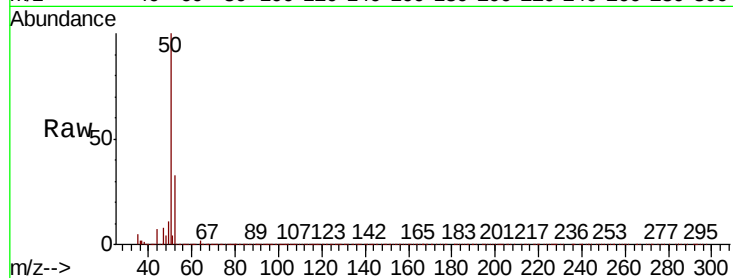




#3
Chloromethane
Concen: 19.874 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

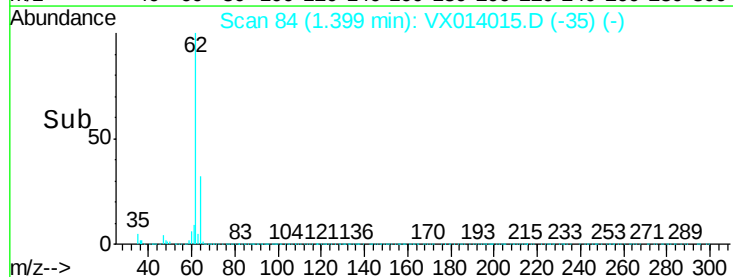
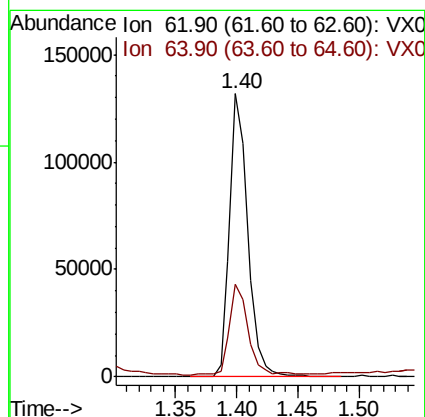
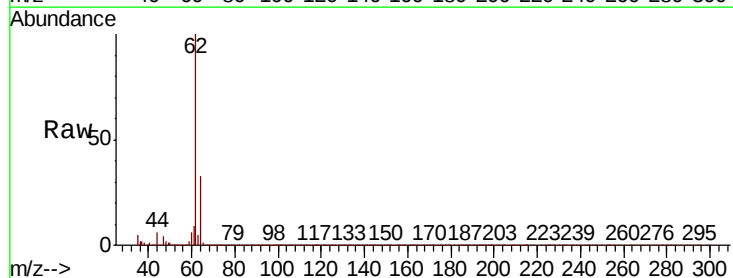
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

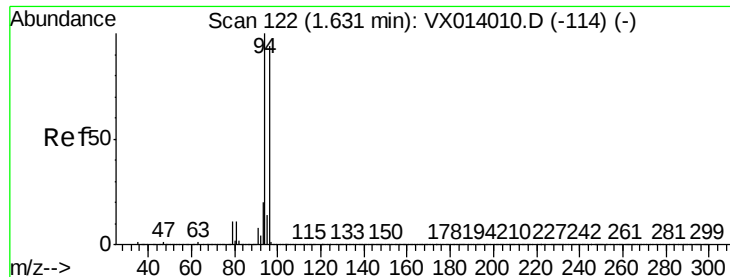
Tgt Ion: 50 Resp: 135270
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.4



#4
Vinyl Chloride
Concen: 18.800 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion: 62 Resp: 135015
Ion Ratio Lower Upper
62 100
64 31.9 25.7 38.5

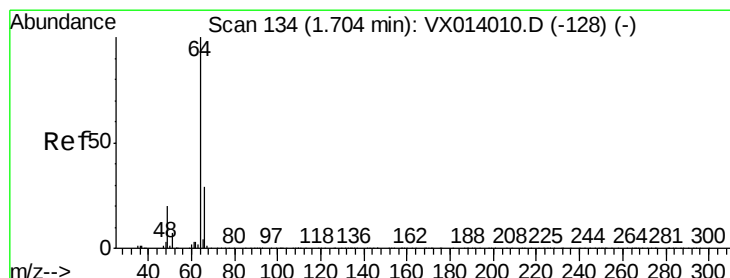
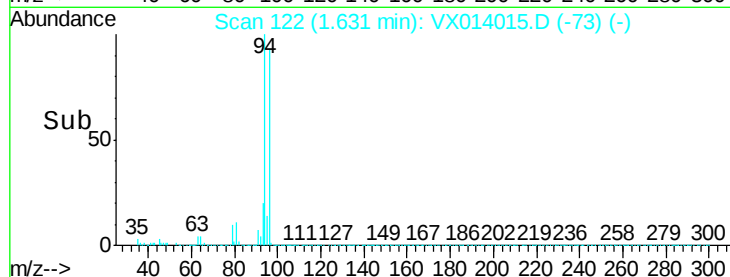
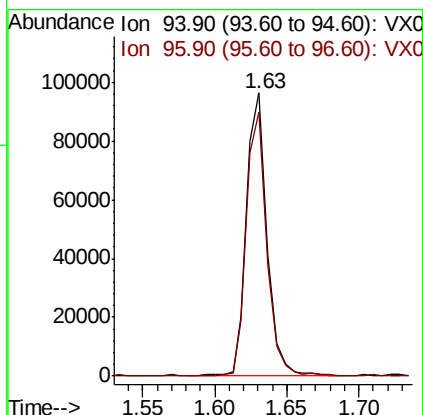
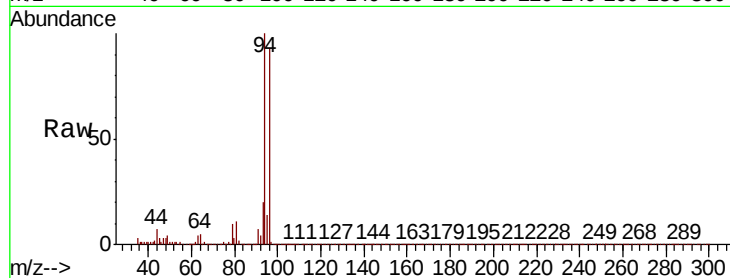




#5
Bromomethane
Concen: 18.343 ug/l
RT: 1.63 min Scan# 122
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

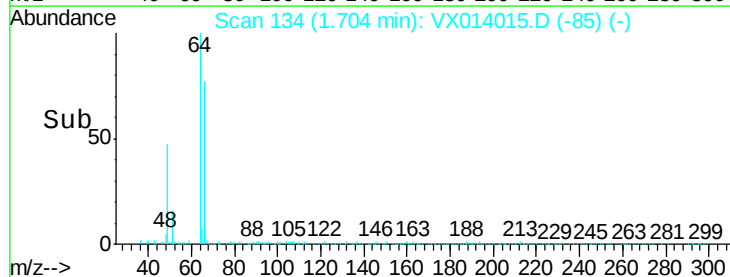
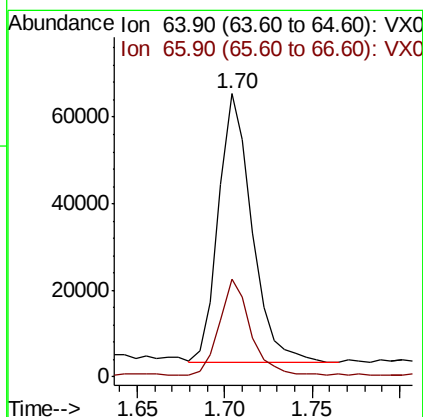
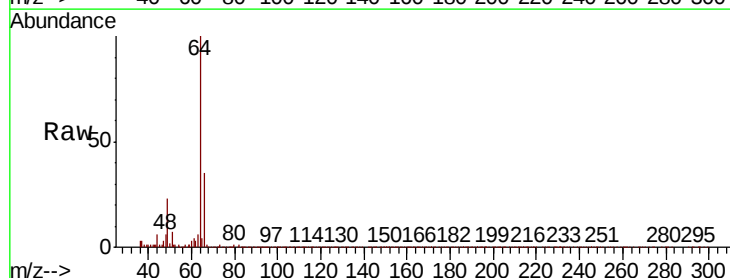
Instrument :
MSVOA_X
ClientSampled :
VX1213WBS01

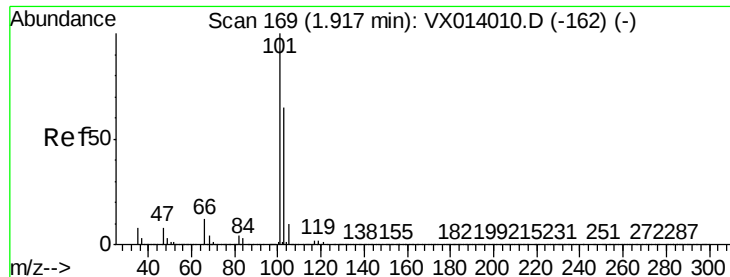
Tgt Ion: 94 Resp: 93498
Ion Ratio Lower Upper
94 100
96 93.3 75.2 112.8



#6
Chloroethane
Concen: 18.592 ug/l
RT: 1.70 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion: 64 Resp: 82411
Ion Ratio Lower Upper
64 100
66 35.8 23.4 35.2#



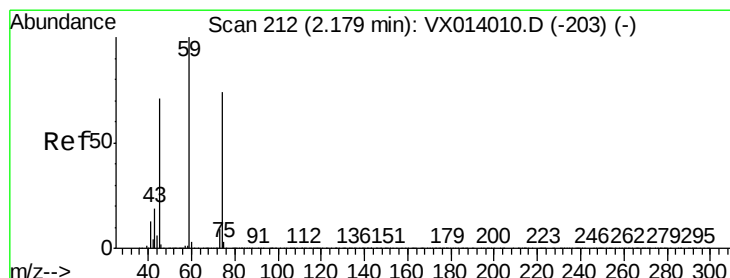
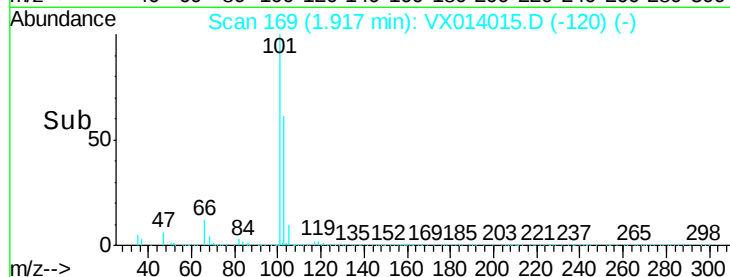
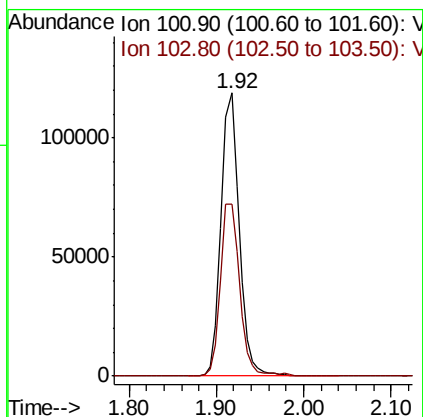
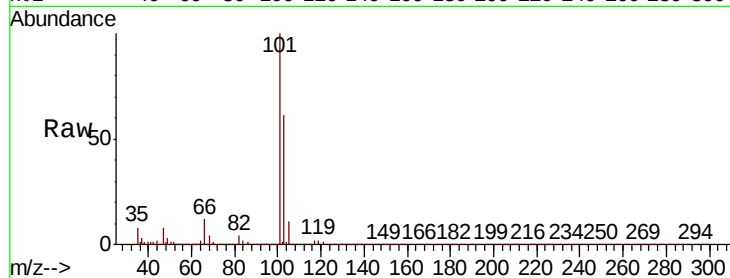


#7

Trichlorofluoromethane
Concen: 19.080 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

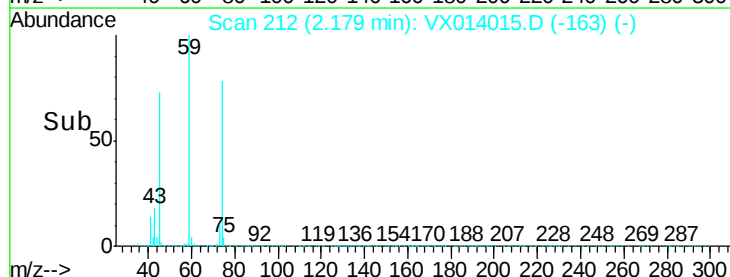
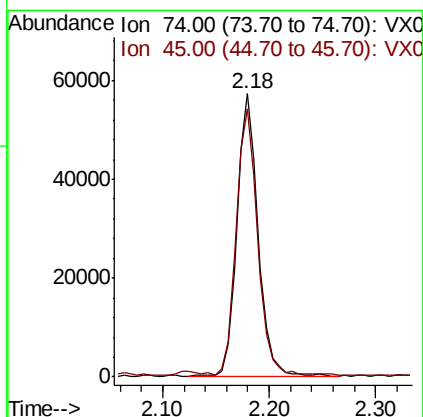
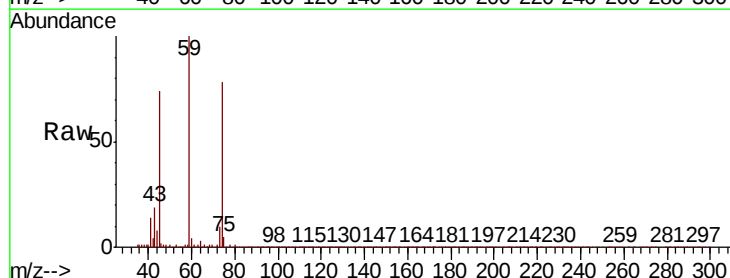
Tgt Ion:101 Resp: 169626
Ion Ratio Lower Upper
101 100
103 60.8 52.2 78.4



#8

Diethyl Ether
Concen: 18.862 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion: 74 Resp: 78701
Ion Ratio Lower Upper
74 100
45 94.5 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.047 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

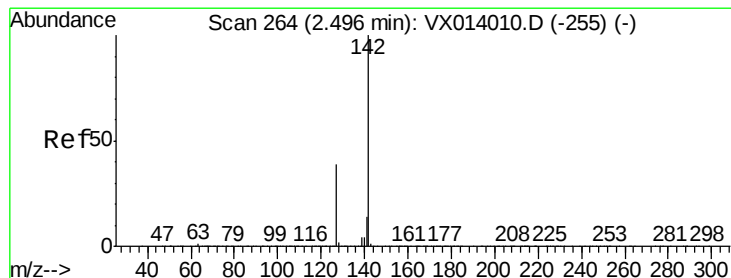
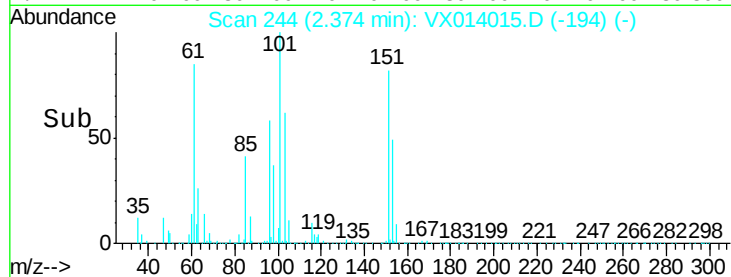
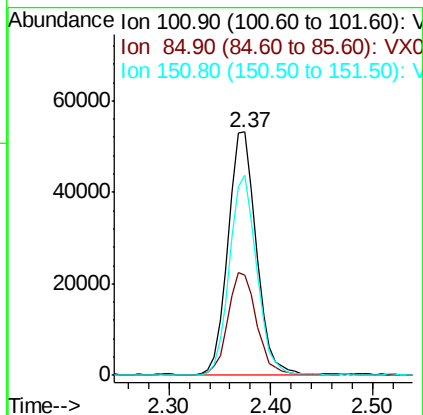
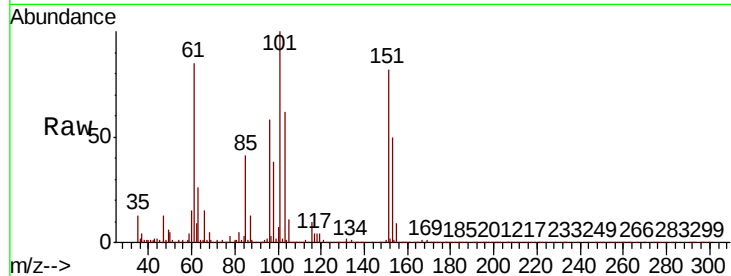
Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion:	101	Resp:	102077
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.7	50.5
151	79.4	64.5	96.7



#10

Methyl Iodide

Concen: 18.175 ug/l

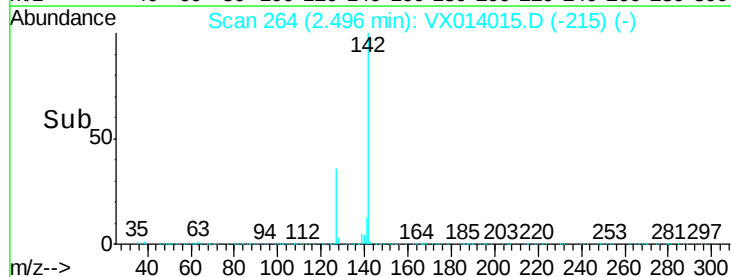
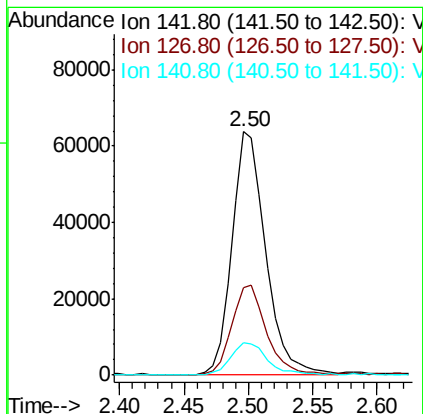
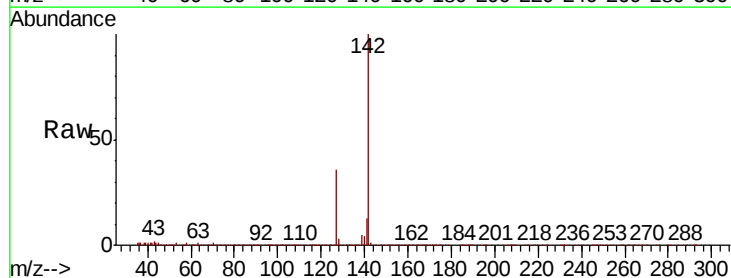
RT: 2.50 min Scan# 264

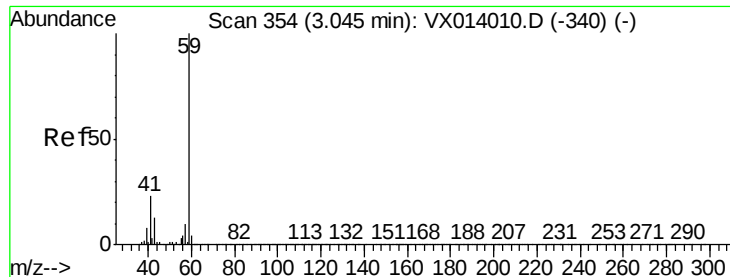
Delta R.T. 0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Tgt Ion:	142	Resp:	116012
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.6	47.4
141	14.9	11.6	17.4



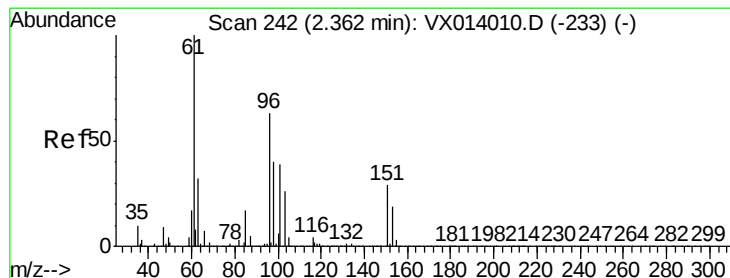
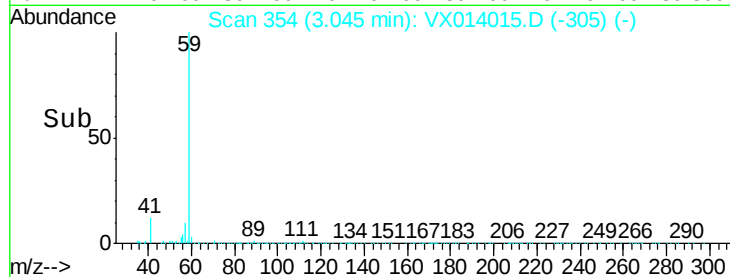
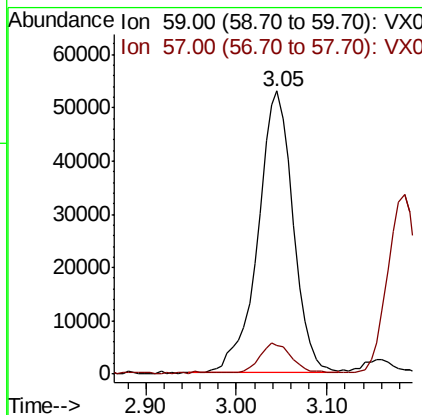
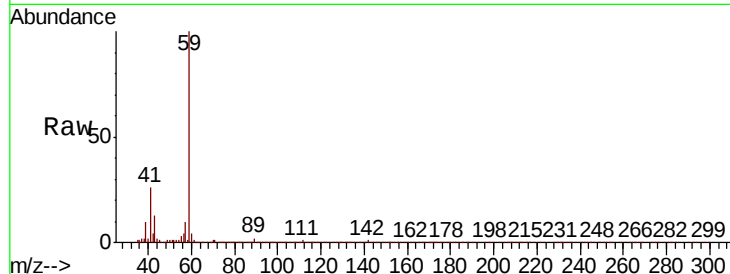


#11

Tert butyl alcohol
Concen: 102.555 ug/l
RT: 3.05 min Scan# 354
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

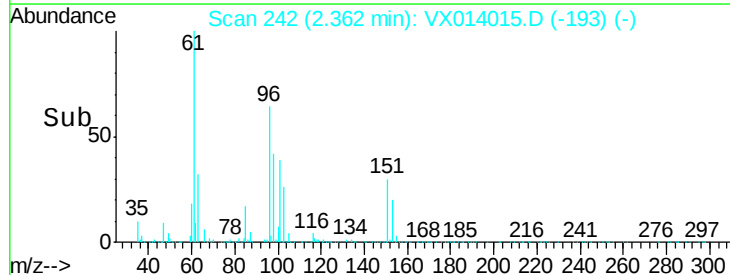
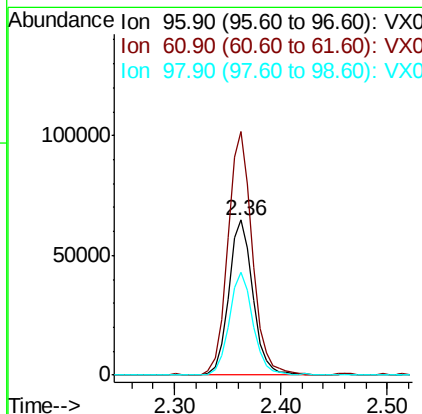
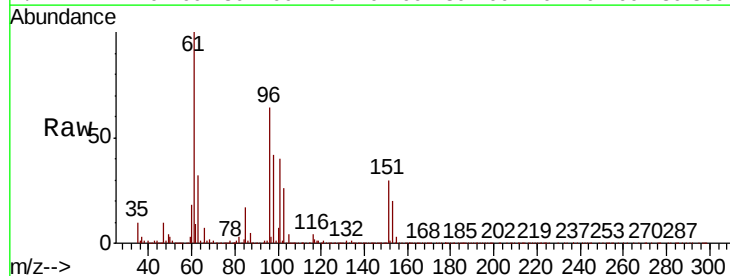
Tgt Ion: 59 Resp: 142378
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

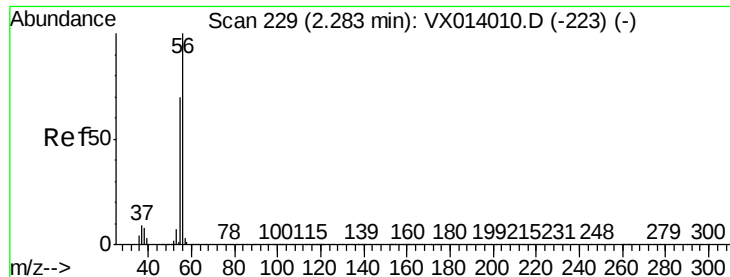


#12

1,1-Dichloroethene
Concen: 18.984 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion: 96 Resp: 103526
Ion Ratio Lower Upper
96 100
61 156.5 127.9 191.9
98 66.0 50.5 75.7

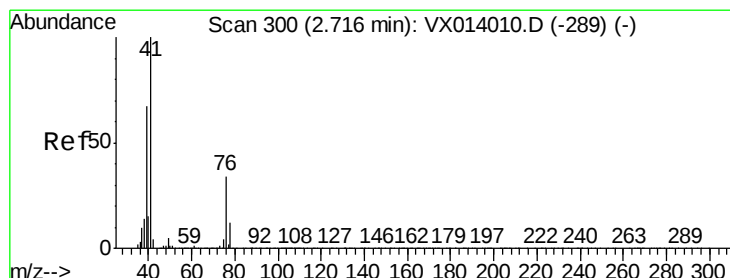
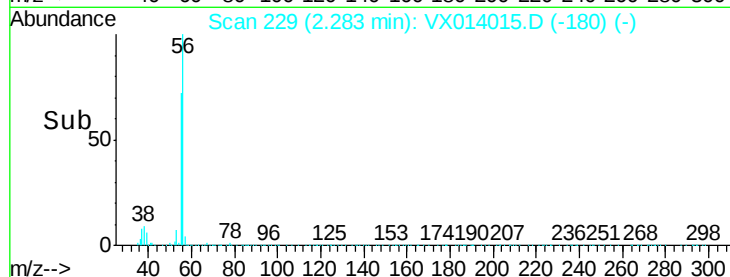
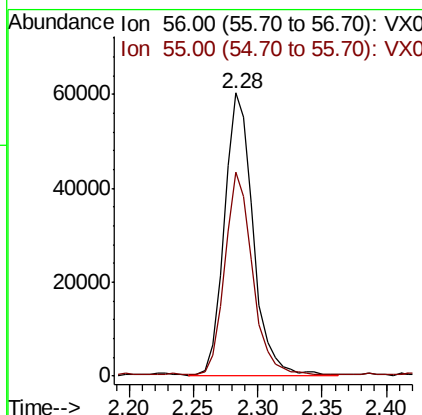
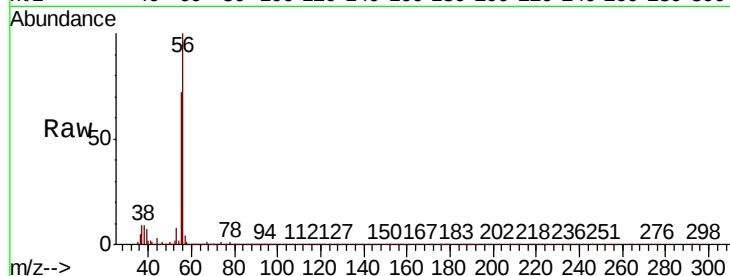




#13
Acrolein
Concen: 118.334 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

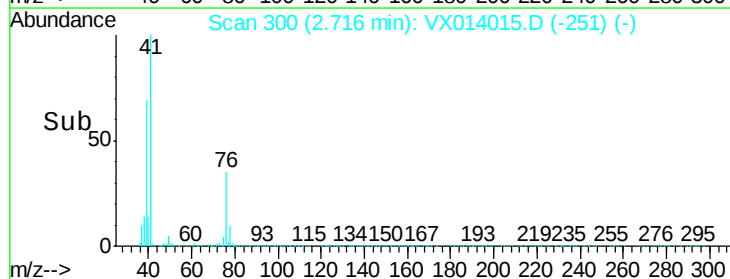
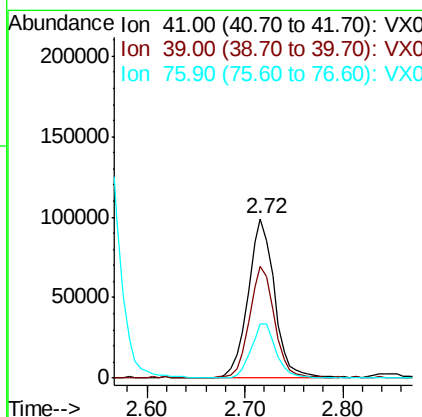
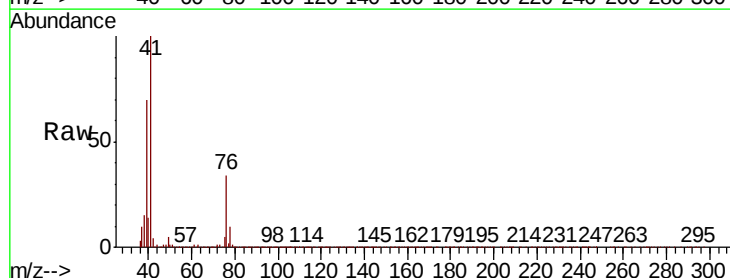
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

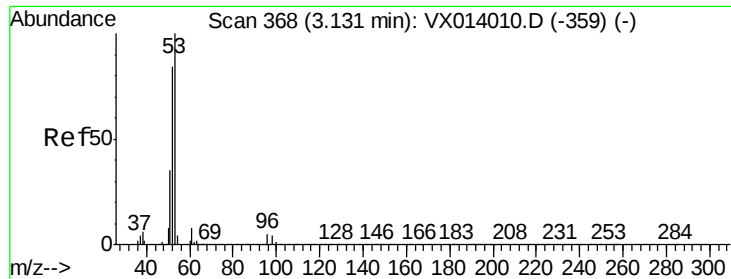
Tgt Ion: 56 Resp: 94041
Ion Ratio Lower Upper
56 100
55 68.7 56.9 85.3



#14
Allyl chloride
Concen: 19.028 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion: 41 Resp: 185273
Ion Ratio Lower Upper
41 100
39 66.3 51.8 77.8
76 32.1 25.9 38.9

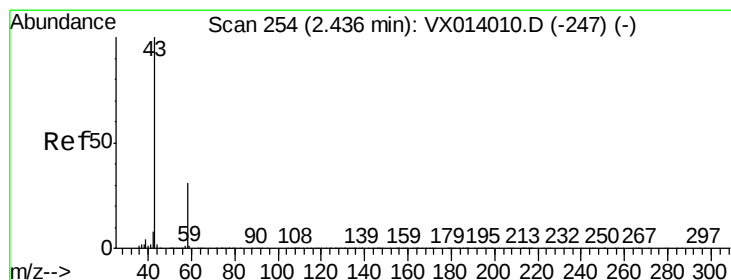
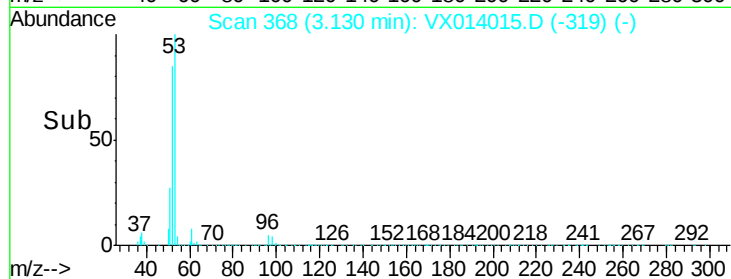
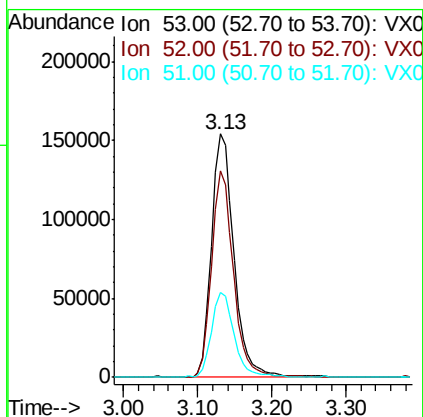
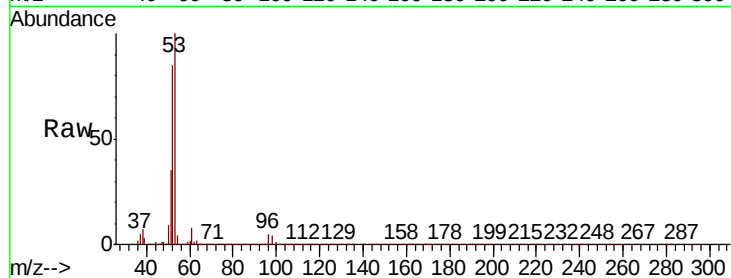




#15
Acrylonitrile
Concen: 98.347 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

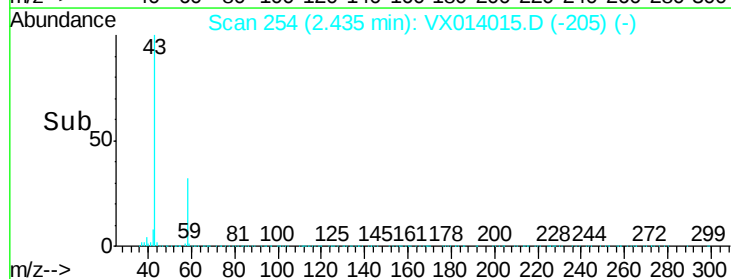
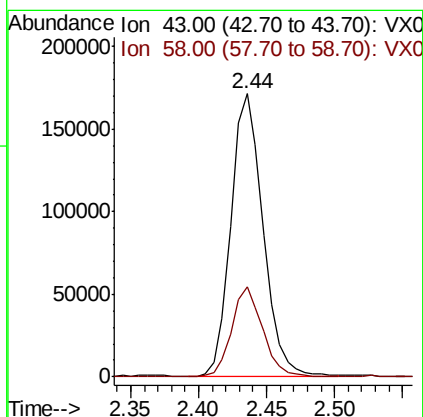
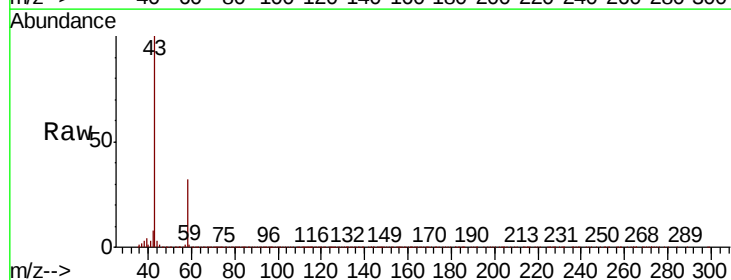
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

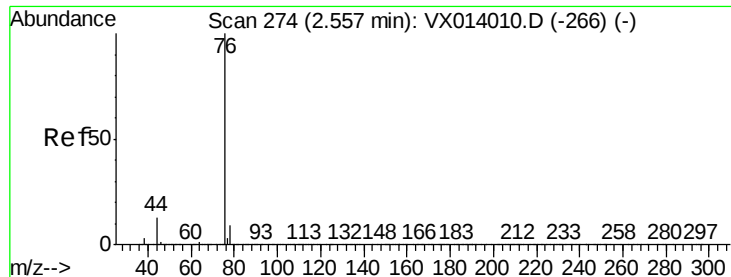
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.5	99.7
51	35.5	28.1	42.1



#16
Acetone
Concen: 67.258 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.9	37.3





#17

Carbon Disulfide

Concen: 18.975 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

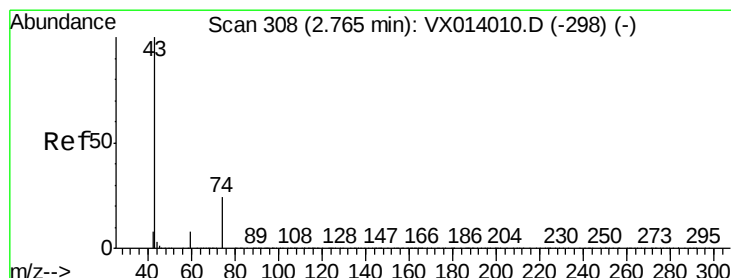
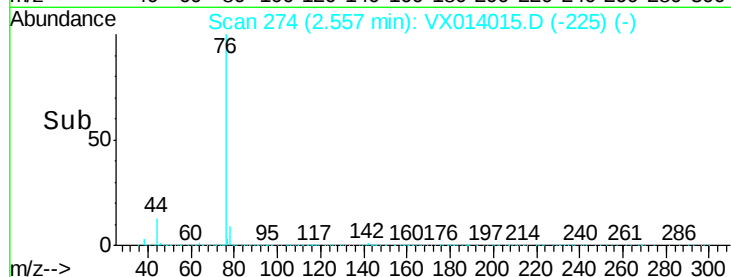
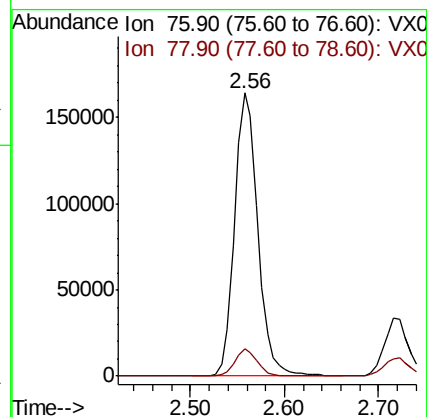
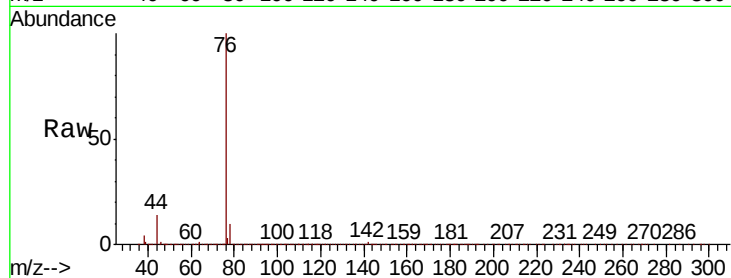
VX1213WBS01

Tgt Ion: 76 Resp: 280113

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



#18

Methyl Acetate

Concen: 19.277 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX014015.D

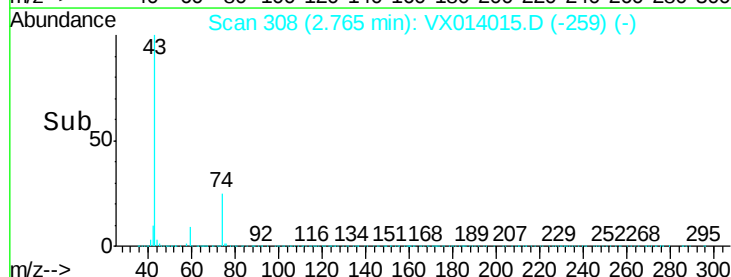
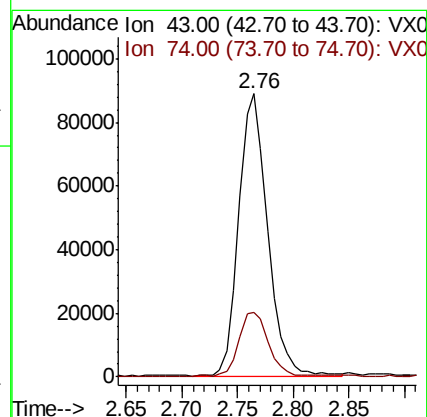
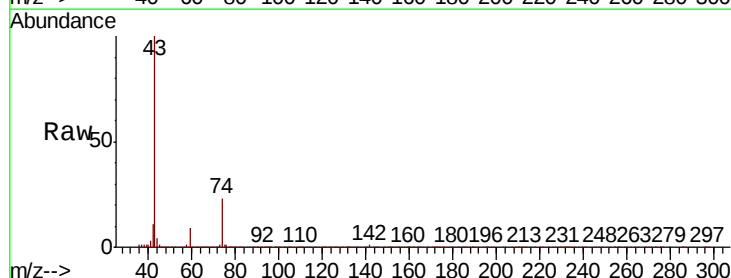
Acq: 13 Dec 2019 19:21

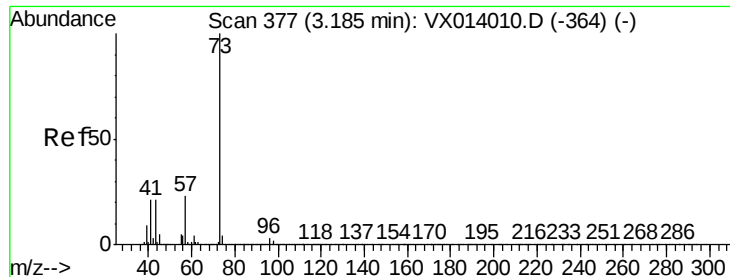
Tgt Ion: 43 Resp: 159333

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3

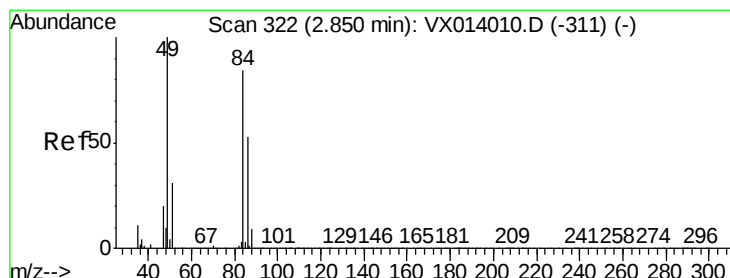
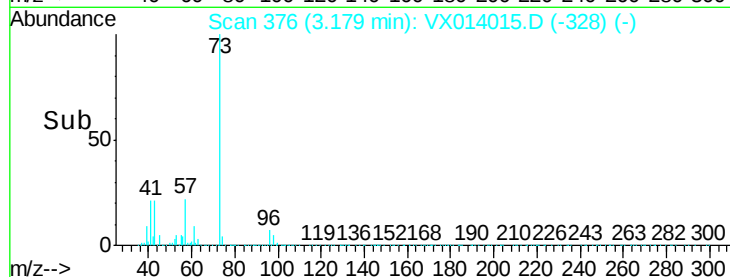
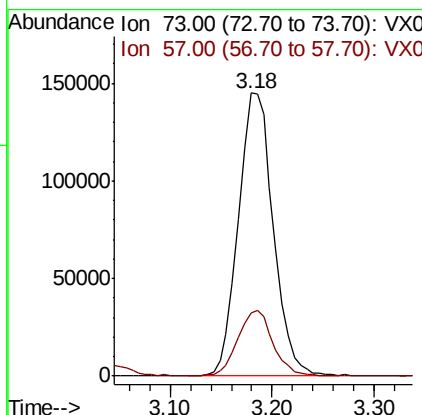
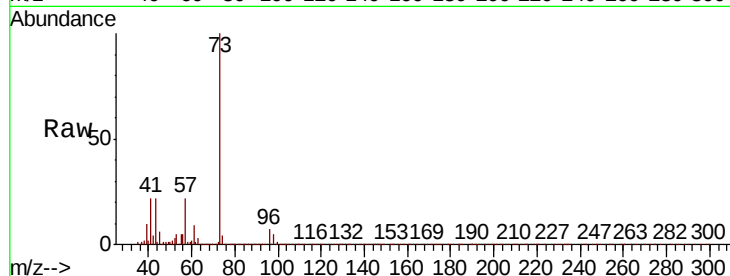




#19
Methyl tert-butyl Ether
Concen: 19.202 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

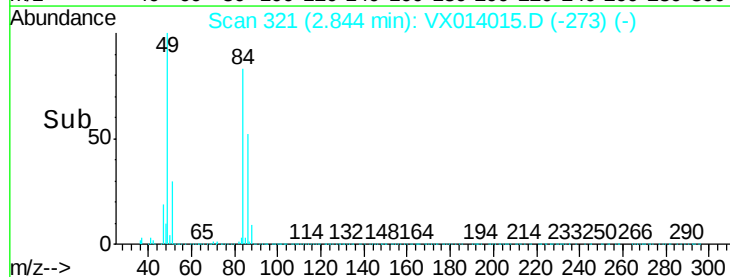
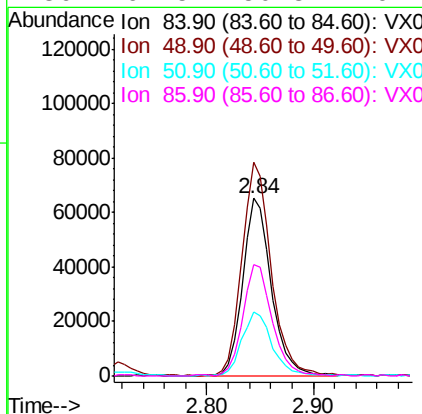
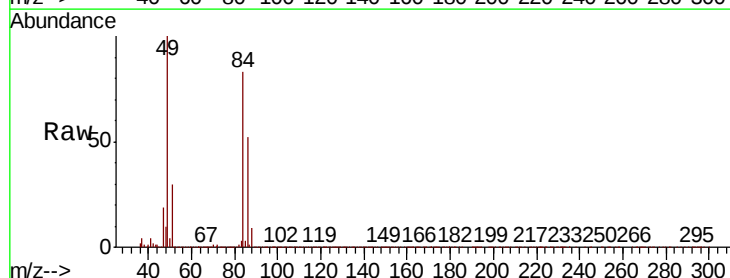
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 73 Resp: 344096
Ion Ratio Lower Upper
73 100
57 22.0 18.8 28.2



#20
Methylene Chloride
Concen: 18.665 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion: 84 Resp: 122602
Ion Ratio Lower Upper
84 100
49 120.2 95.8 143.6
51 35.9 29.8 44.8
86 62.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 19.099 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampled :

VX1213WBS01

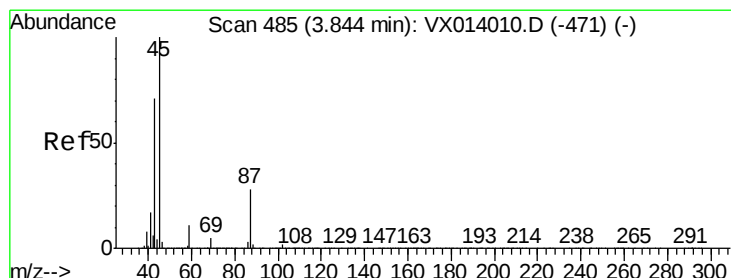
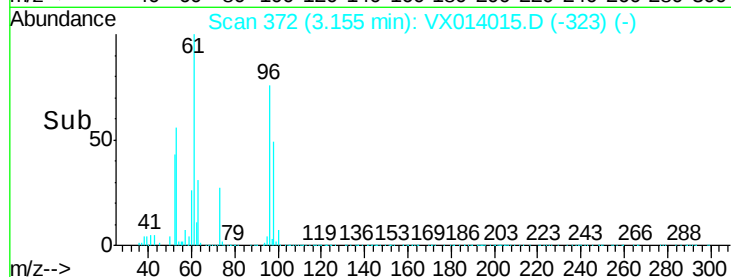
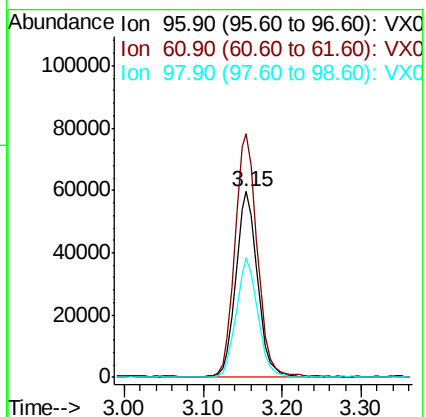
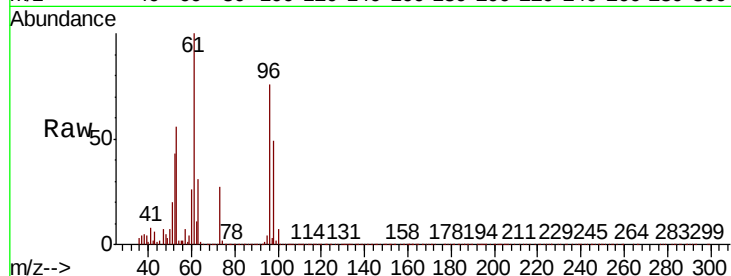
Tgt Ion: 96 Resp: 114740

Ion Ratio Lower Upper

96 100

61 130.6 108.3 162.5

98 64.0 50.8 76.2



#22

Diisopropyl ether

Concen: 19.464 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Tgt Ion: 45 Resp: 377648

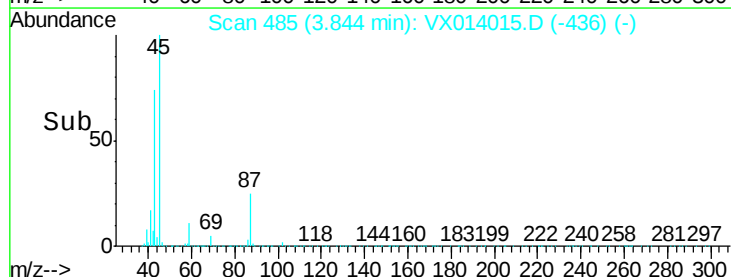
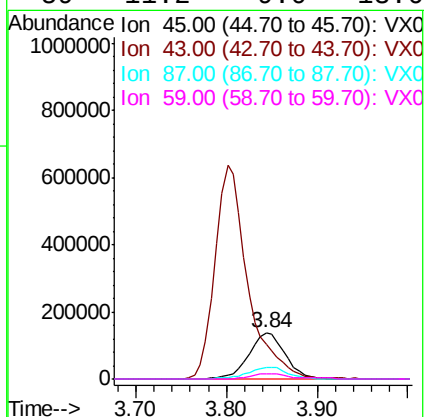
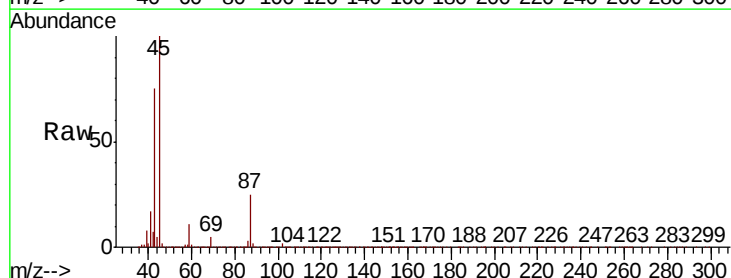
Ion Ratio Lower Upper

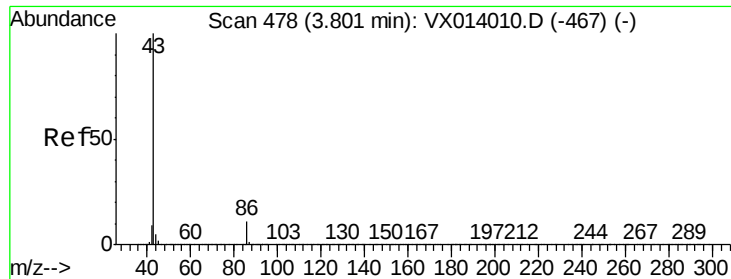
45 100

43 72.9 57.4 86.0

87 25.2 21.9 32.9

59 11.2 9.0 13.6

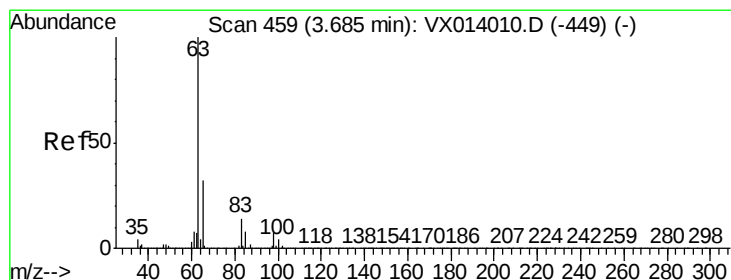
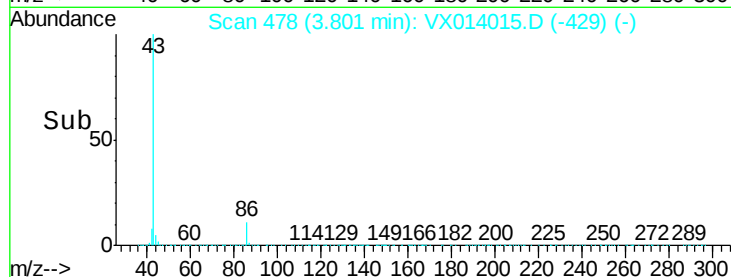
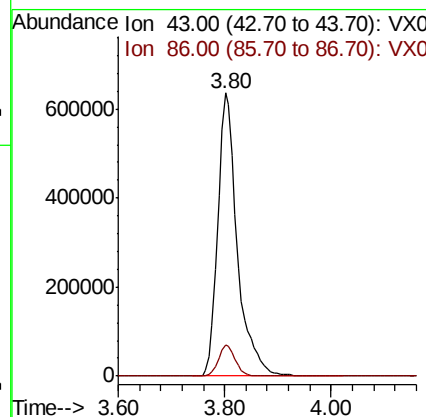
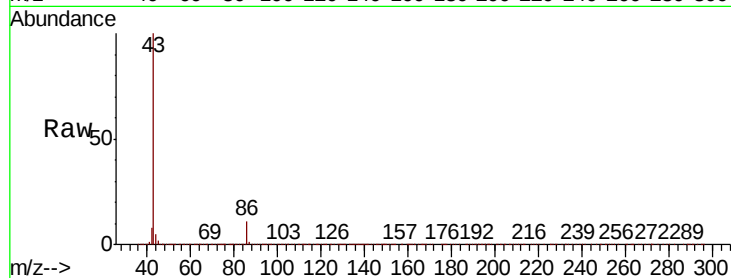




#23
 Vinyl Acetate
 Concen: 102.507 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

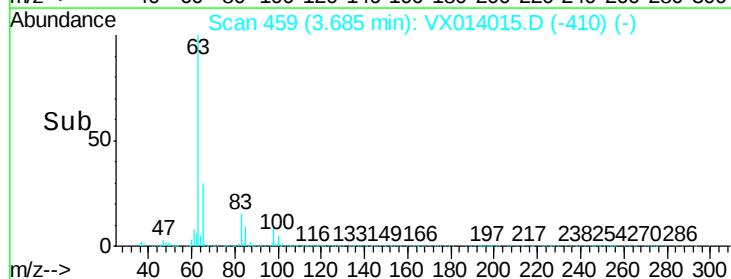
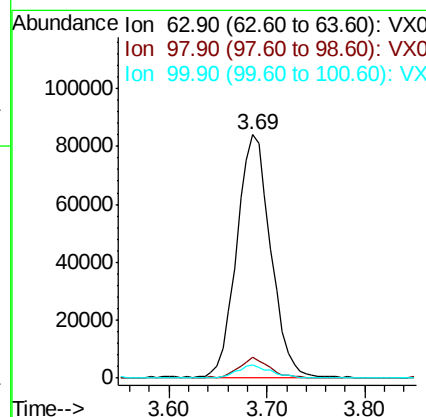
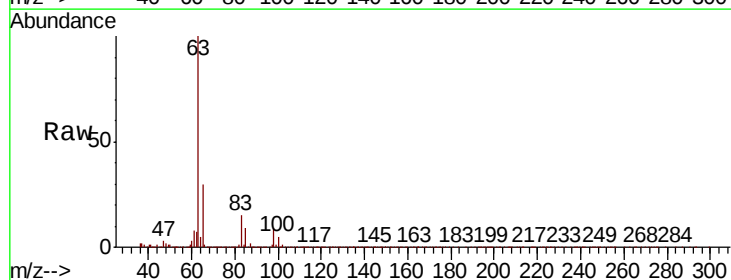
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

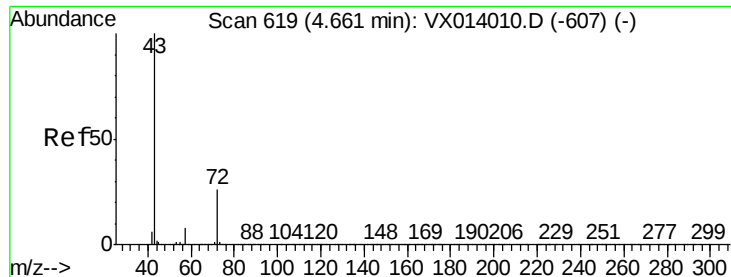
Tgt Ion: 43 Resp: 1623053
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 18.635 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

Tgt Ion: 63 Resp: 201160
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 5.2 2.3 6.8

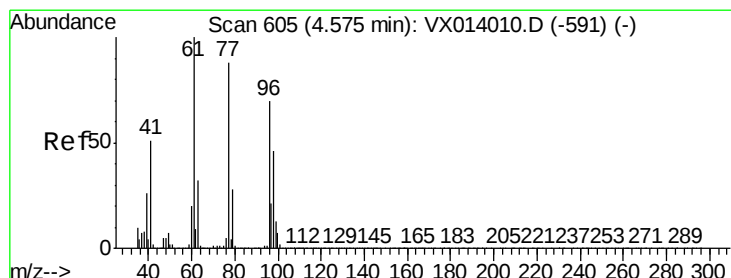
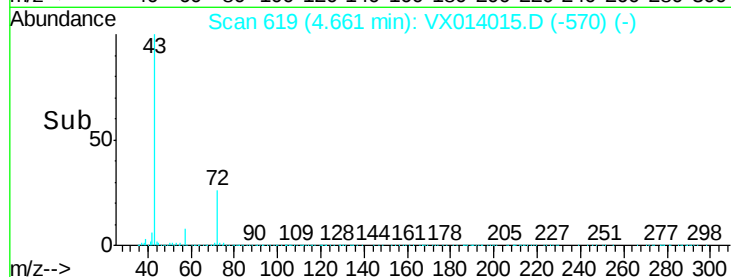
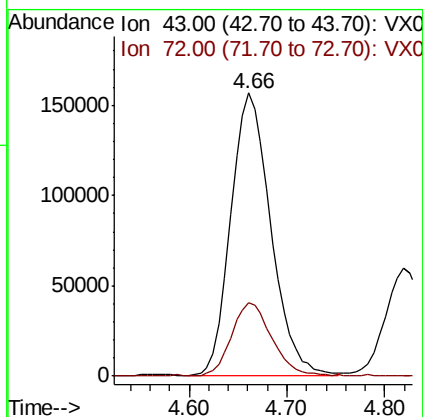
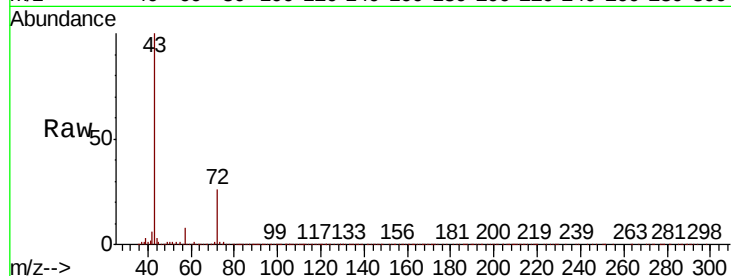




#25
2-Butanone
Concen: 86.554 ug/l
RT: 4.66 min Scan# 619
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

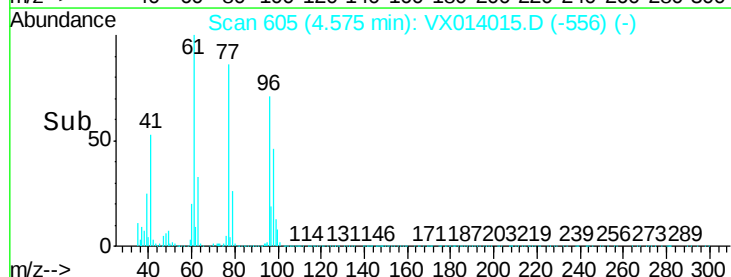
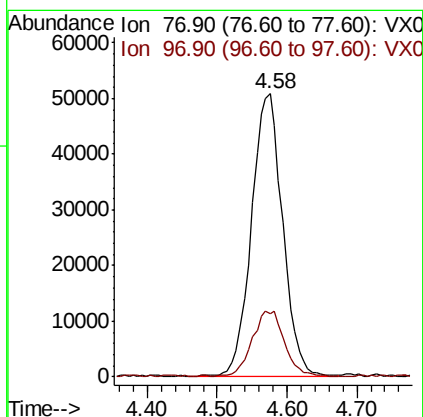
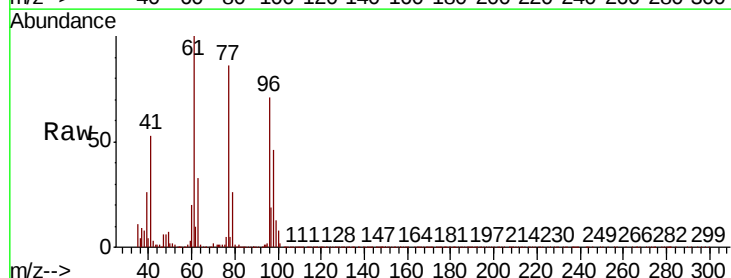
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

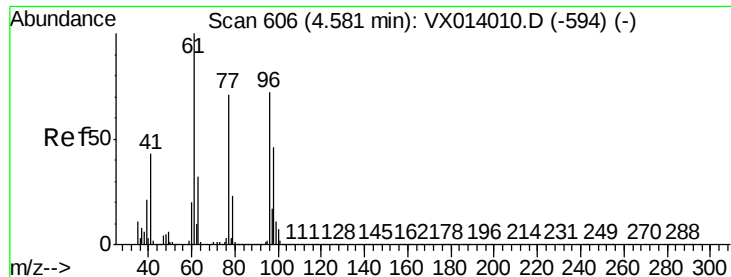
Tgt Ion: 43 Resp: 445115
Ion Ratio Lower Upper
43 100
72 25.7 21.0 31.4



#26
2,2-Dichloropropane
Concen: 18.925 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion: 77 Resp: 158618
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.9



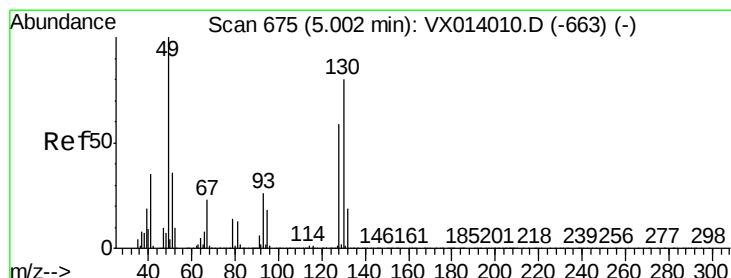
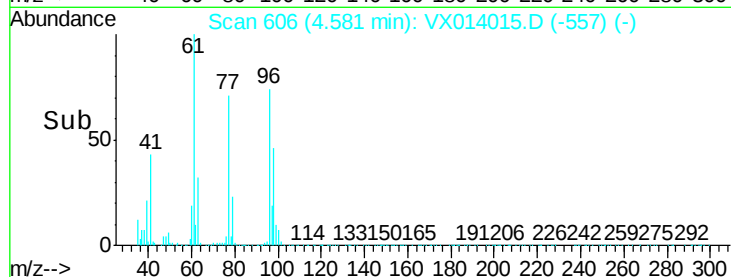
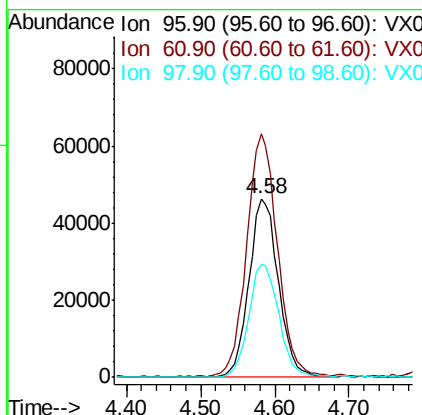
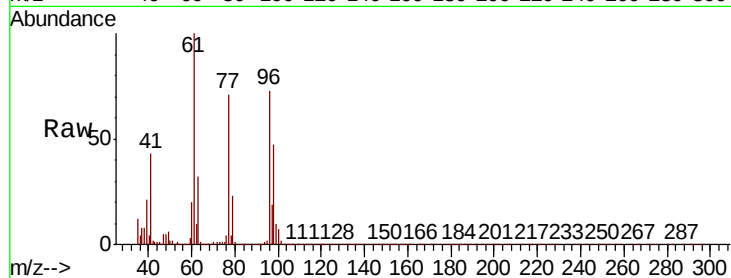


#27

cis-1,2-Dichloroethene
Concen: 18.896 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

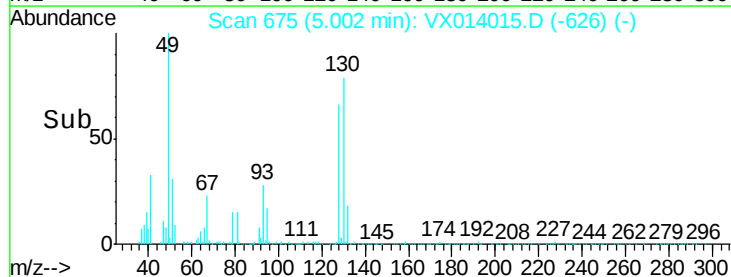
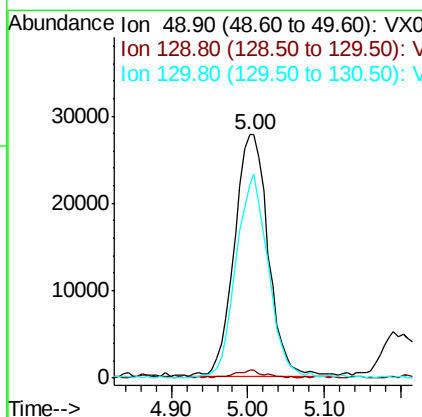
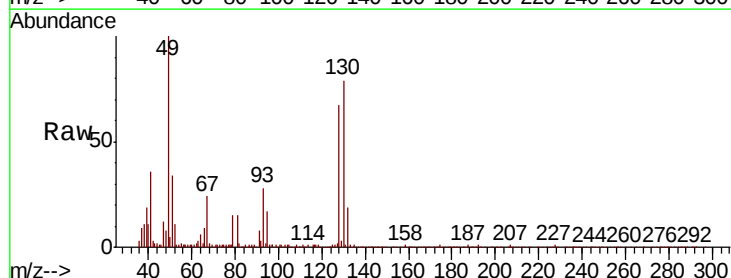
Tgt Ion: 96 Resp: 128386
Ion Ratio Lower Upper
96 100
61 141.9 0.0 288.4
98 65.4 0.0 129.6

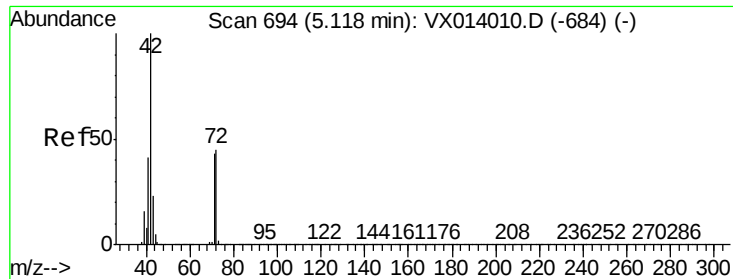


#28

Bromochloromethane
Concen: 20.707 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion: 49 Resp: 84853
Ion Ratio Lower Upper
49 100
129 3.3 0.0 5.0
130 80.8 64.6 97.0





#29

Tetrahydrofuran

Concen: 98.415 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

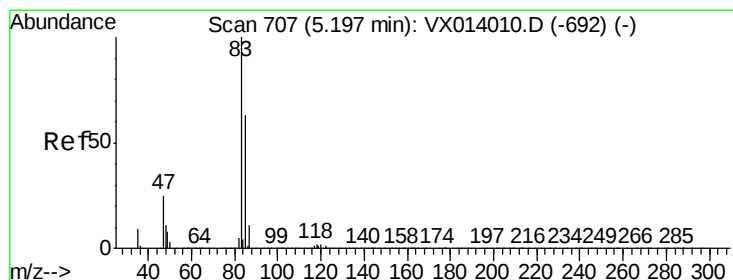
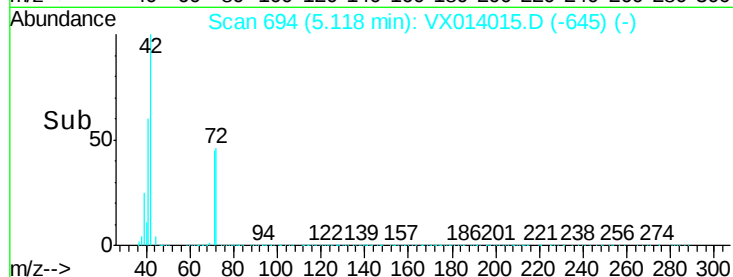
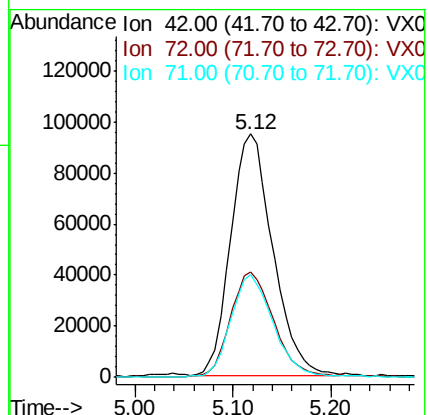
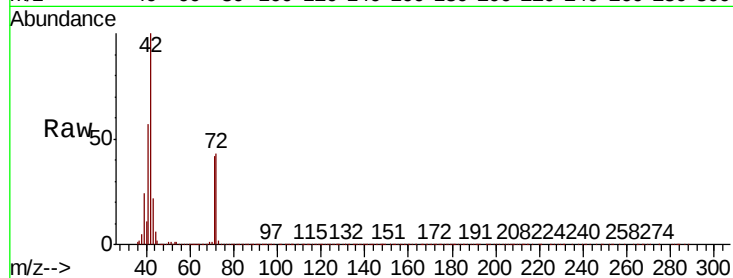
Tgt Ion: 42 Resp: 283082

Ion Ratio Lower Upper

42 100

72 44.4 35.8 53.8

71 42.6 33.6 50.4



#30

Chloroform

Concen: 19.246 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX014015.D

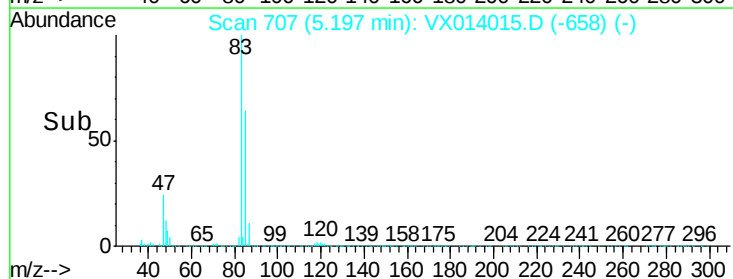
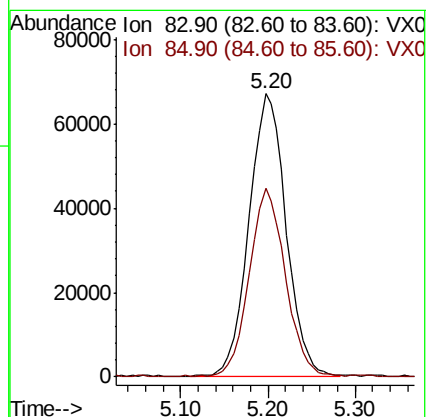
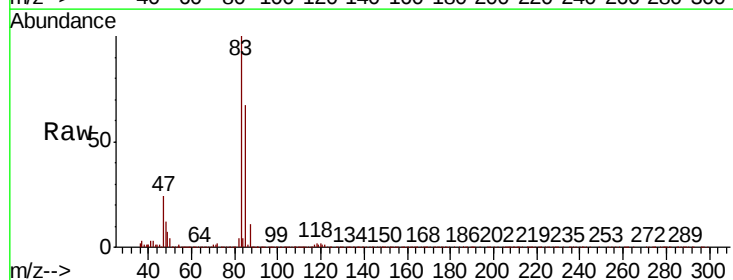
Acq: 13 Dec 2019 19:21

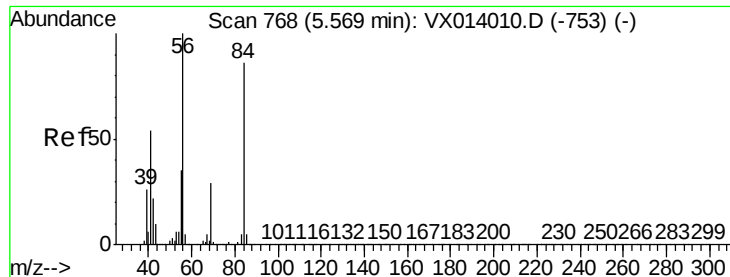
Tgt Ion: 83 Resp: 196950

Ion Ratio Lower Upper

83 100

85 66.7 50.8 76.2

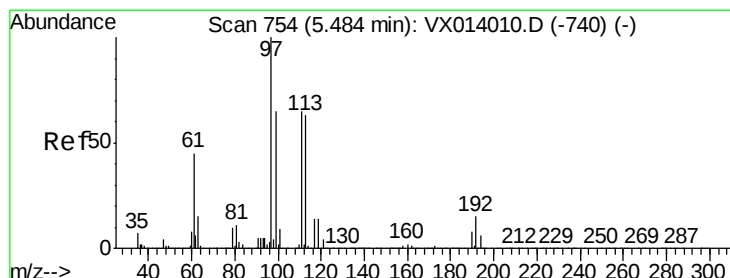
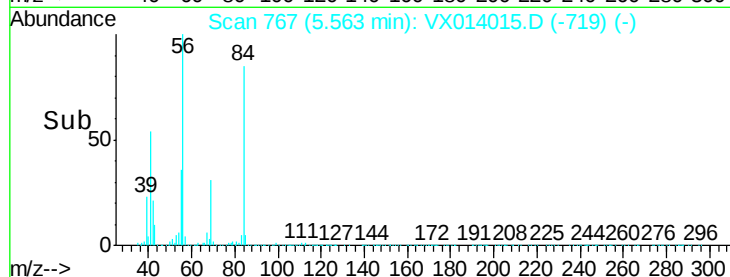
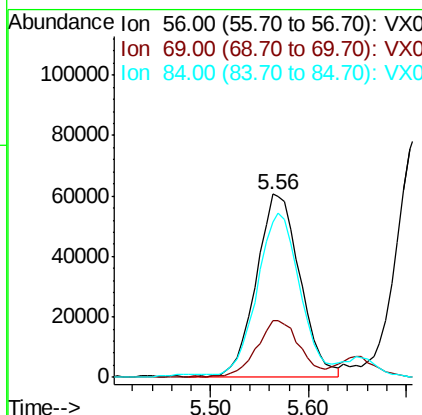
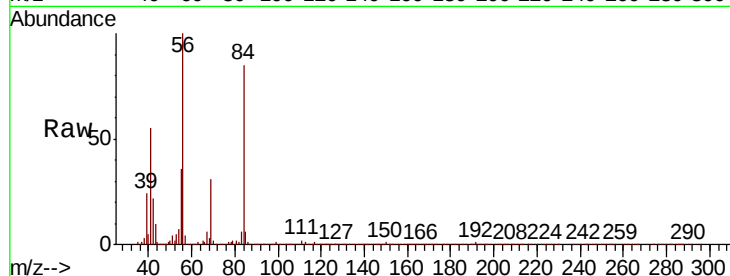




#31
Cyclohexane
Concen: 19.425 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

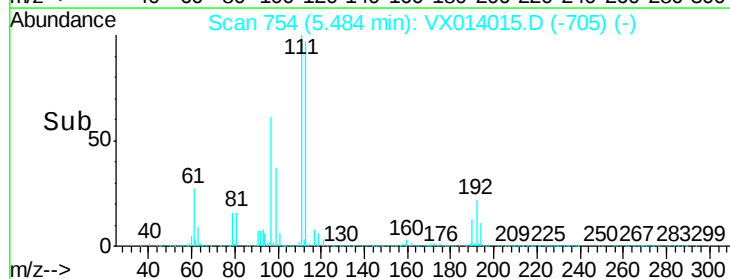
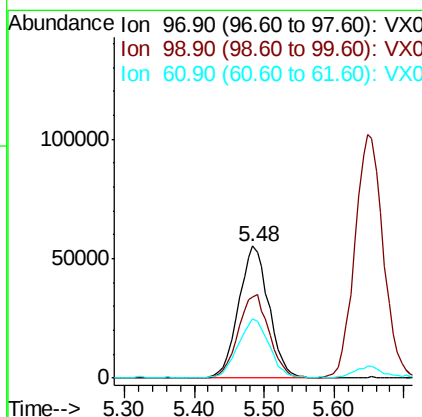
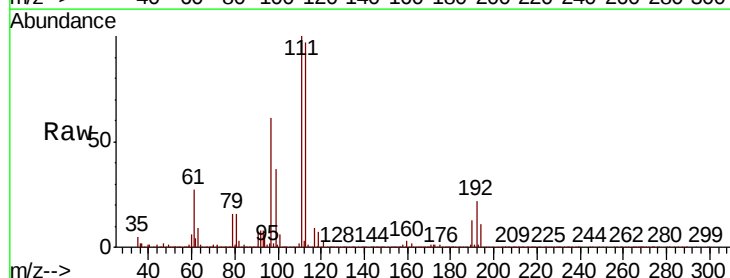
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 56 Resp: 186497
Ion Ratio Lower Upper
56 100
69 31.1 23.2 34.8
84 83.8 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 19.118 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion: 97 Resp: 166734
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 45.3 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 49.760 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampled :

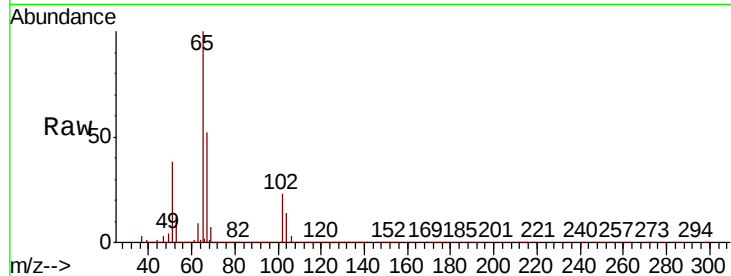
VX1213WBS01

Tgt Ion: 65 Resp: 319713

Ion Ratio Lower Upper

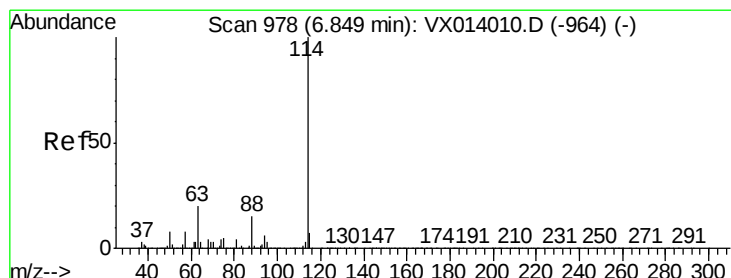
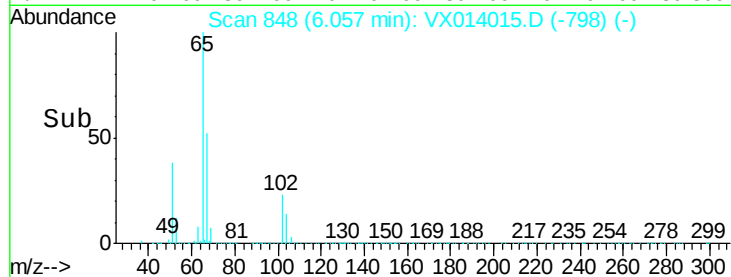
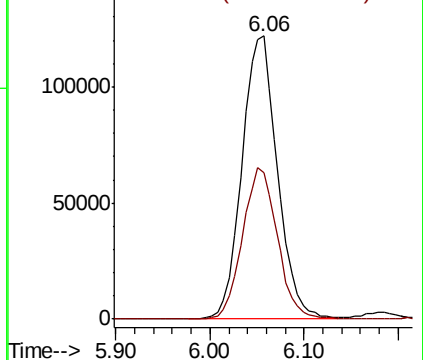
65 100

67 52.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

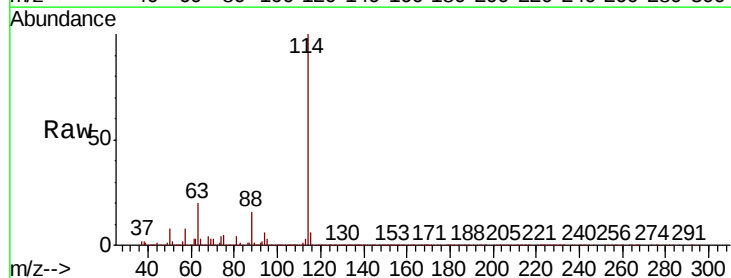
Tgt Ion: 114 Resp: 865860

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

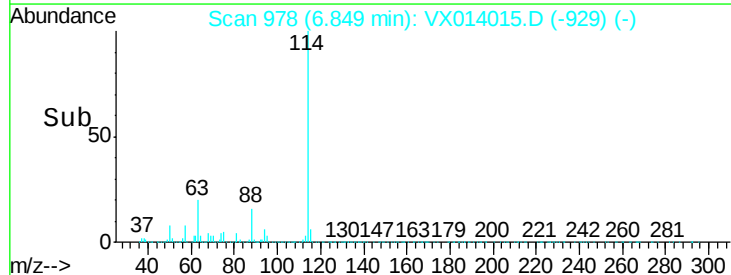
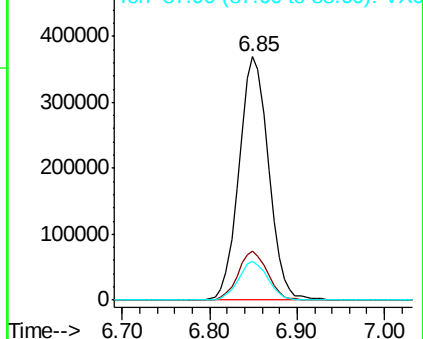
88 15.8 0.0 30.4

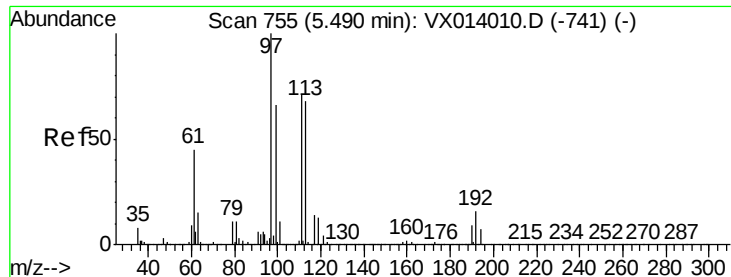


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

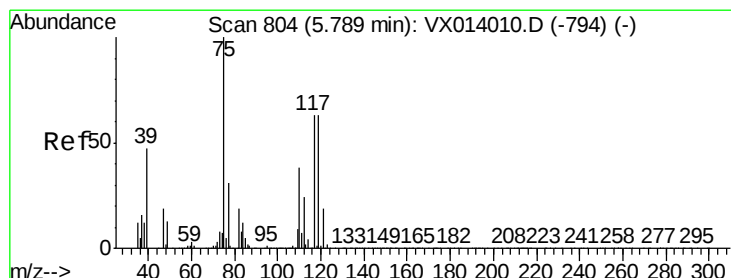
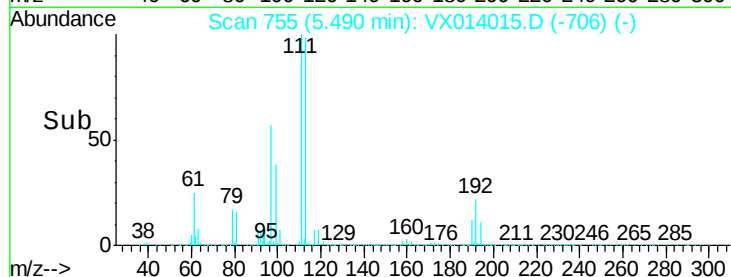
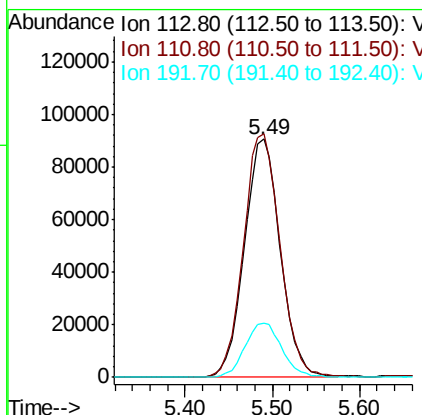
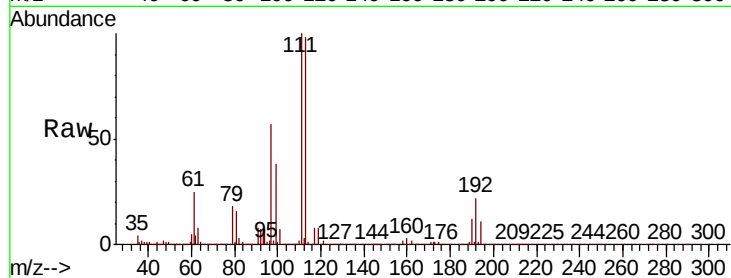




#35
 Dibromofluoromethane
 Concen: 49.156 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

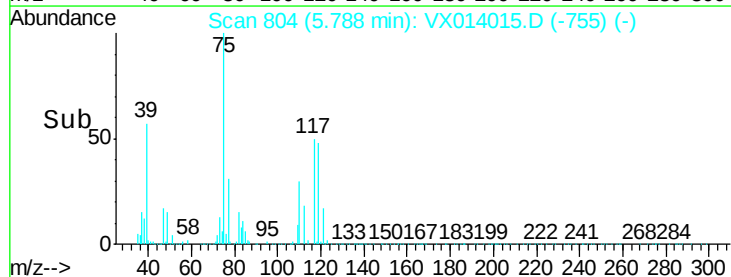
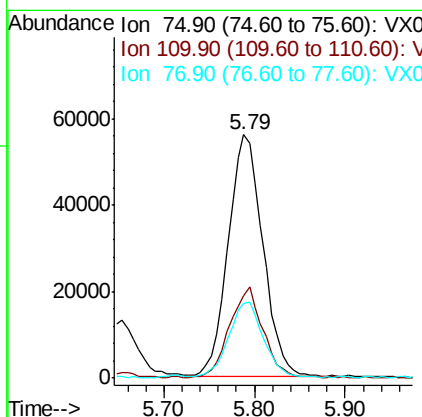
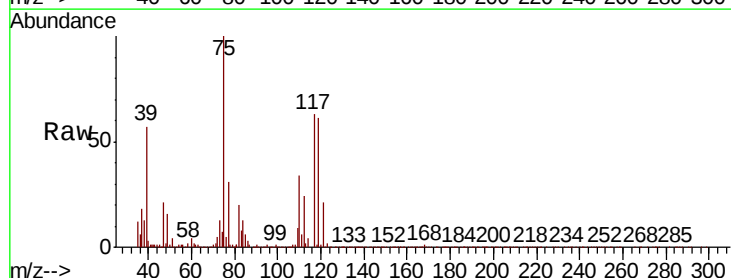
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

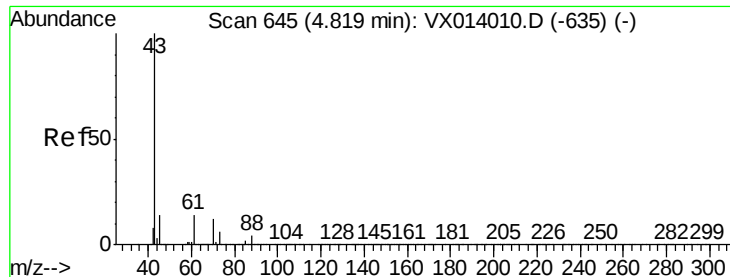
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.0	123.0
192	23.3	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 18.720 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.3	54.9
77	31.1	24.8	37.2

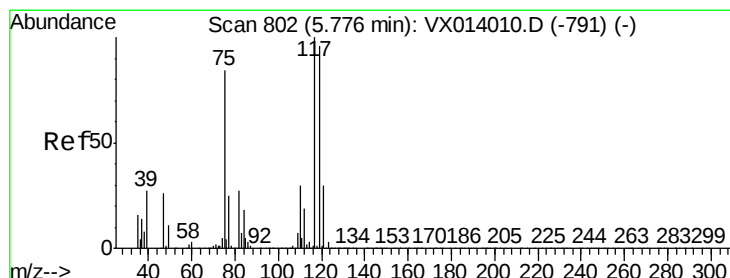
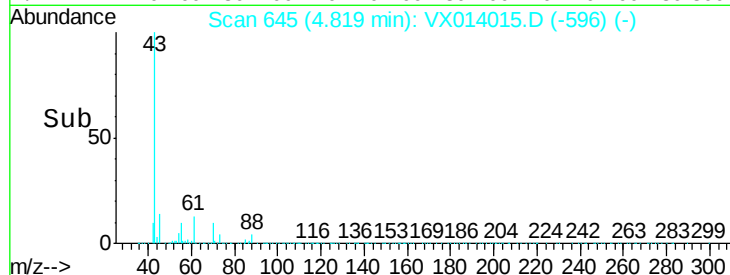
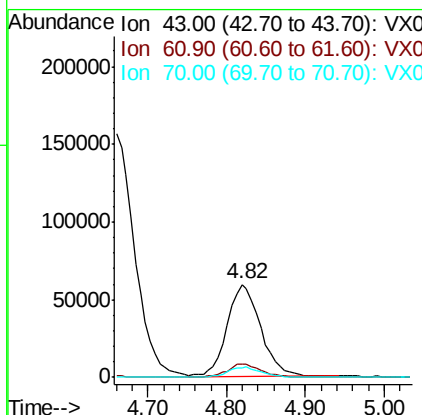
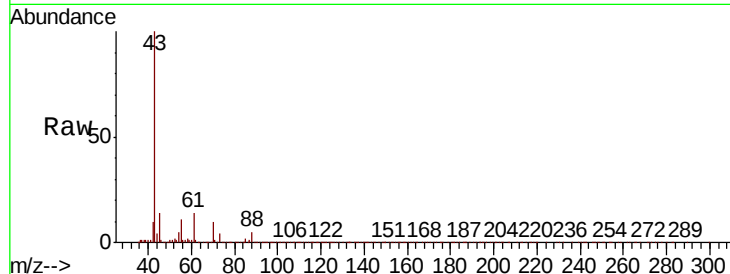




#37
Ethyl Acetate
Concen: 20.142 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

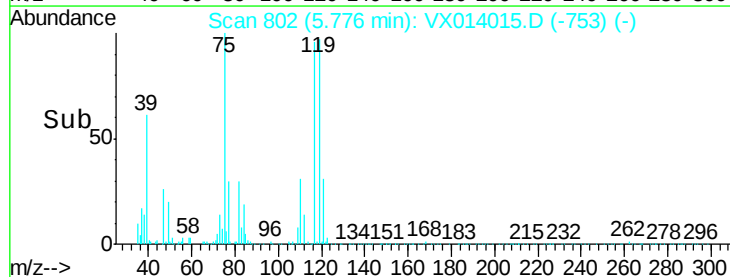
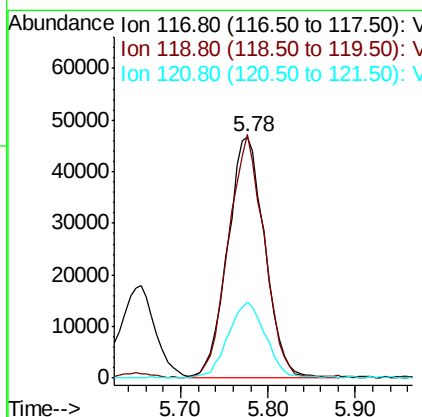
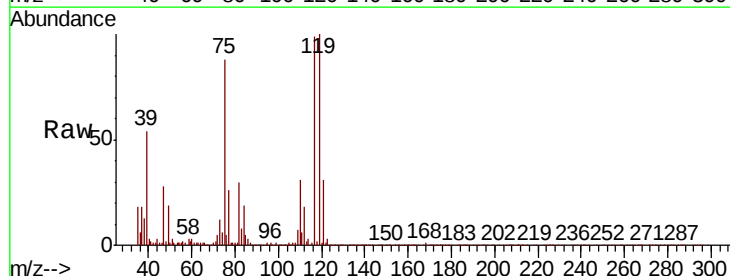
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

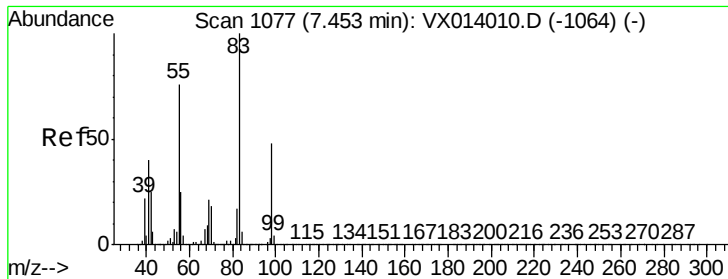
Tgt Ion:	43	Resp:	176713
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.8	16.2
70	10.9	8.6	12.8



#38
Carbon Tetrachloride
Concen: 18.950 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion:	117	Resp:	137155
Ion	Ratio	Lower	Upper
117	100		
119	100.3	76.2	114.4
121	31.3	23.6	35.4

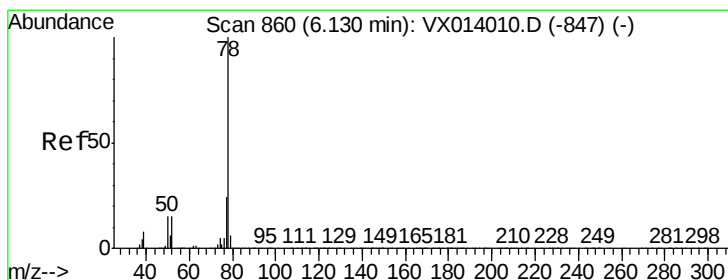
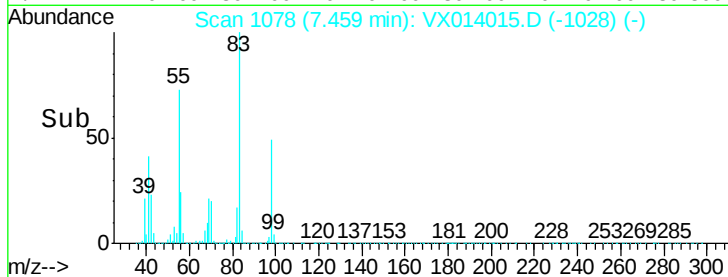
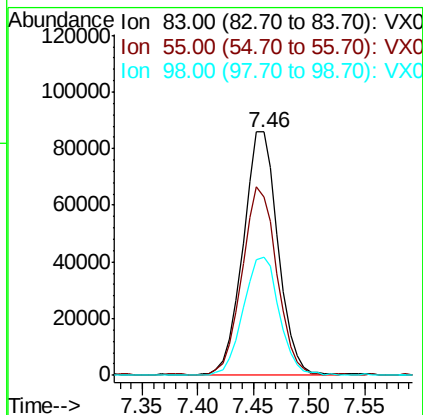
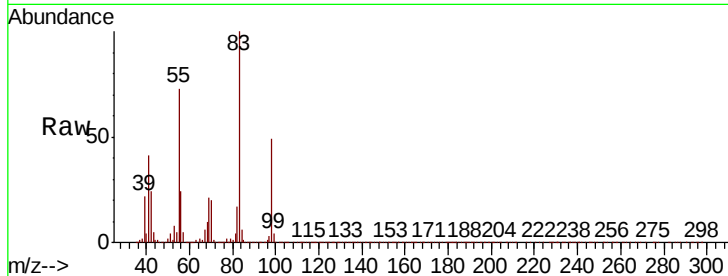




#39
Methylcyclohexane
Concen: 19.081 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

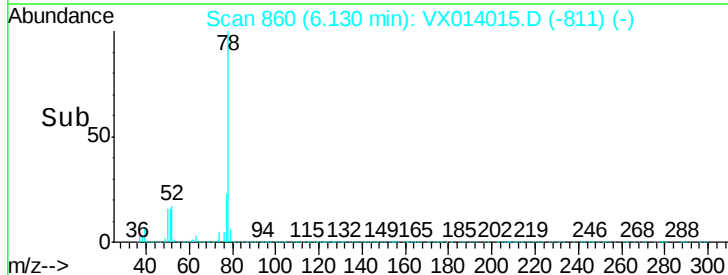
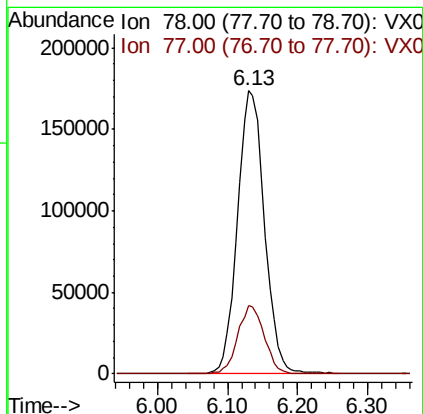
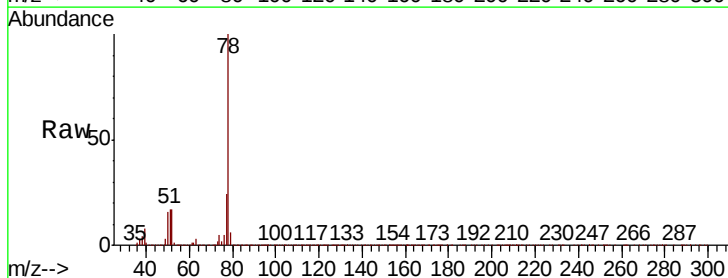
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.0	91.6
98	48.7	38.6	57.8



#40
Benzene
Concen: 19.059 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





#41

Methacrylonitrile

Concen: 19.582 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 41 Resp: 95320

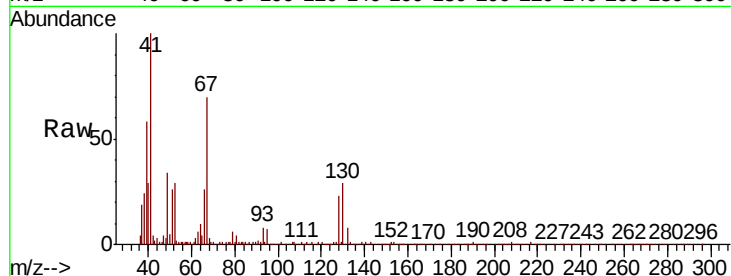
Ion Ratio Lower Upper

41 100

39 55.9 44.5 66.7

67 70.2 57.4 86.0

52 27.1 23.0 34.4



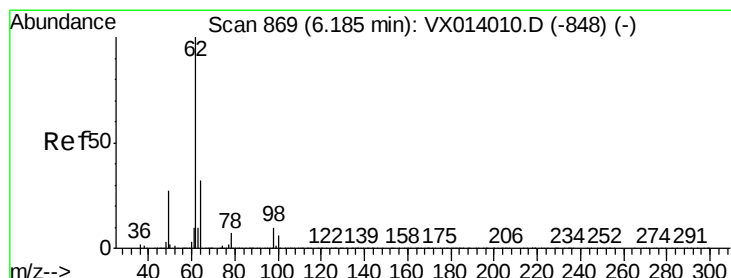
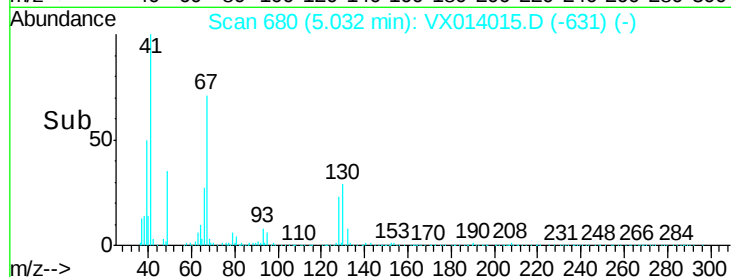
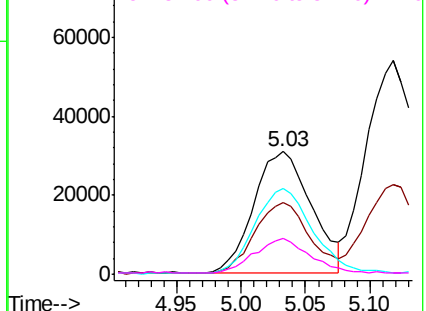
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.465 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX014015.D

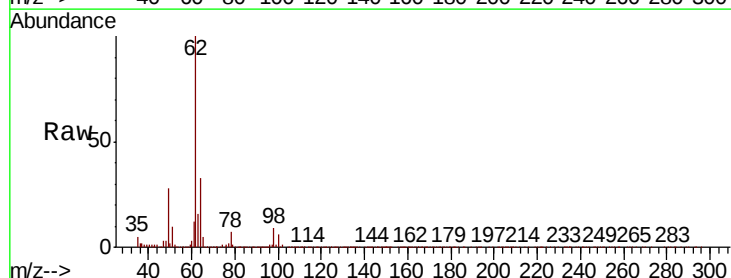
Acq: 13 Dec 2019 19:21

Tgt Ion: 62 Resp: 161291

Ion Ratio Lower Upper

62 100

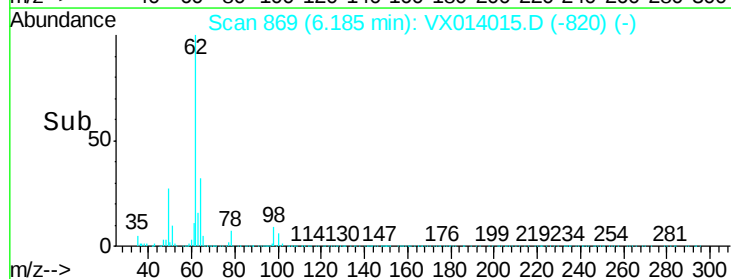
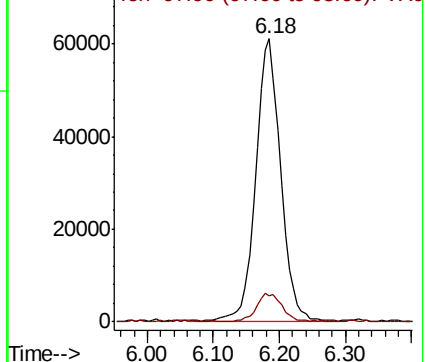
98 10.3 0.0 21.0

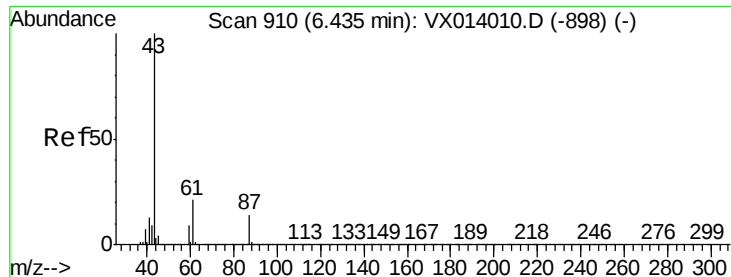


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.609 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

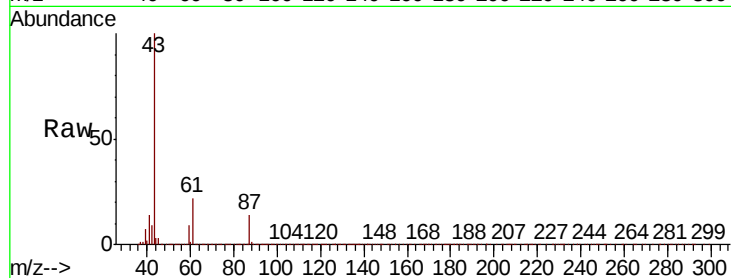
Tgt Ion: 43 Resp: 284712

Ion Ratio Lower Upper

43 100

61 20.3 16.4 24.6

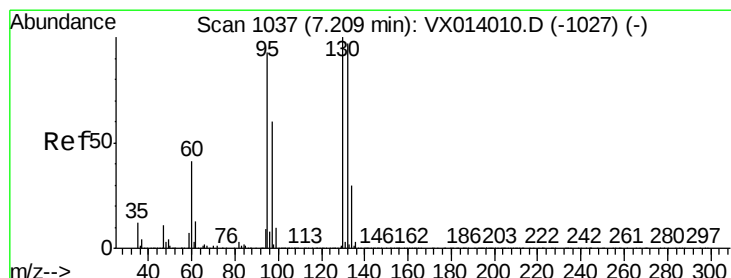
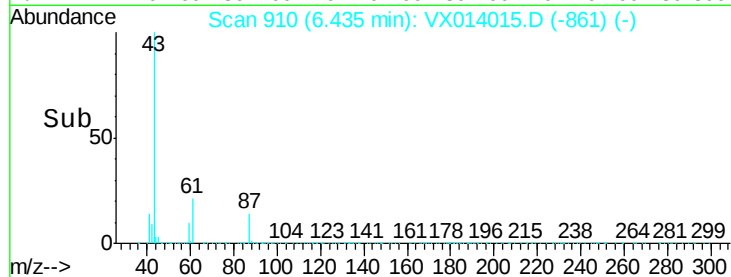
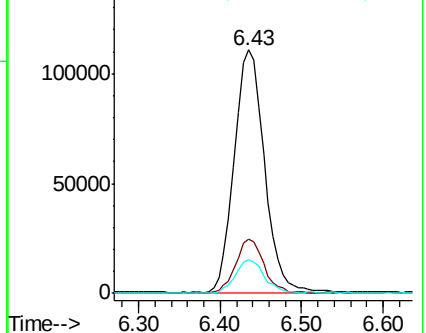
87 13.1 10.7 16.1



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: 18.507 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014015.D

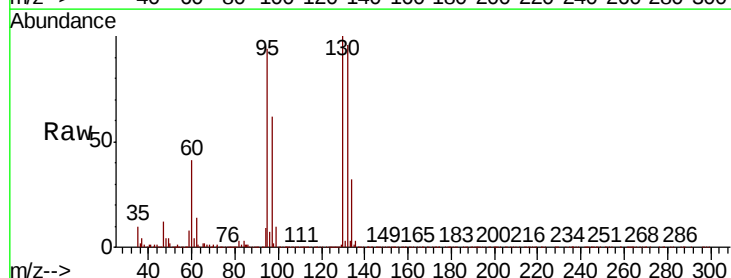
Acq: 13 Dec 2019 19:21

Tgt Ion: 130 Resp: 124959

Ion Ratio Lower Upper

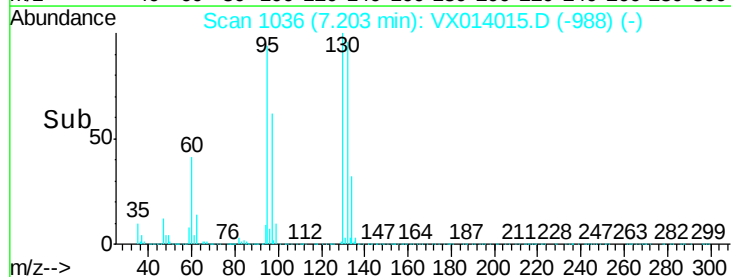
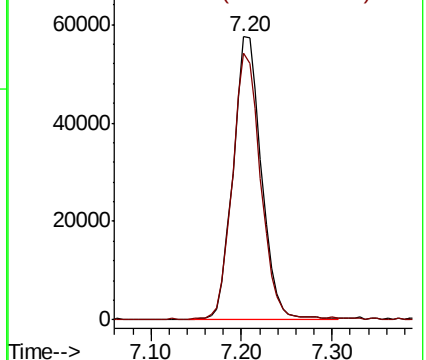
130 100

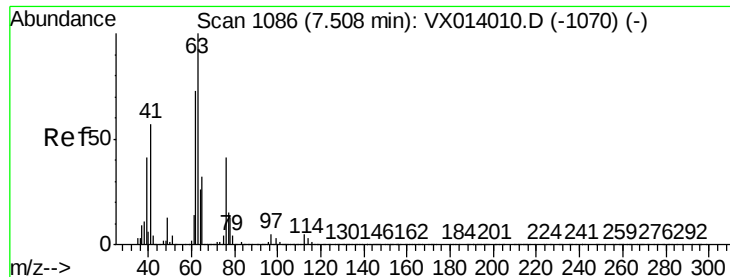
95 94.1 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.401 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

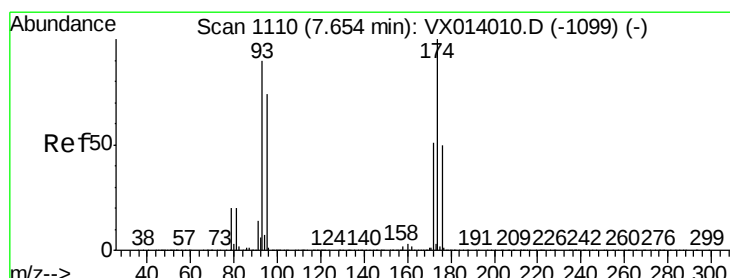
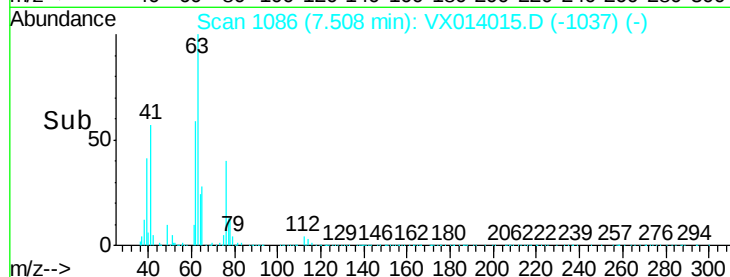
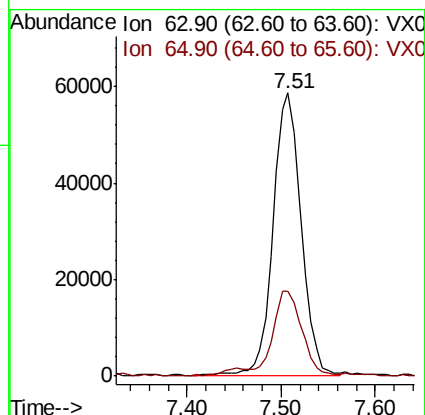
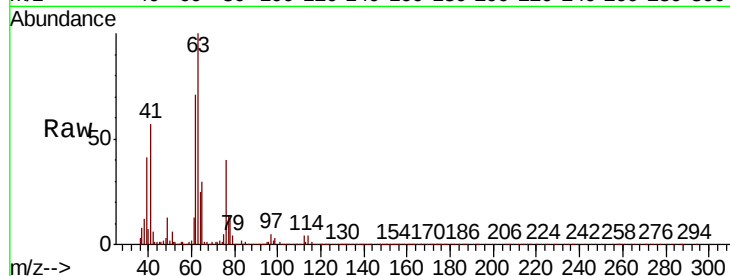
VX1213WBS01

Tgt Ion: 63 Resp: 121554

Ion Ratio Lower Upper

63 100

65 29.7 25.8 38.8



#46

Dibromomethane

Concen: 18.760 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

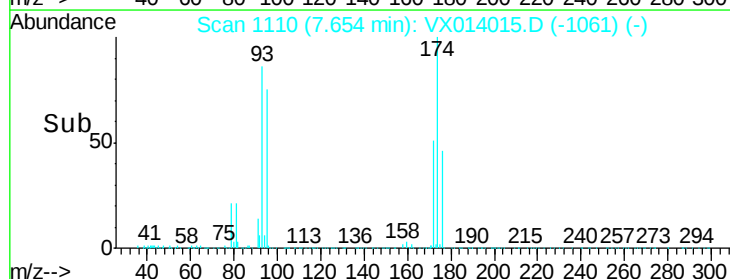
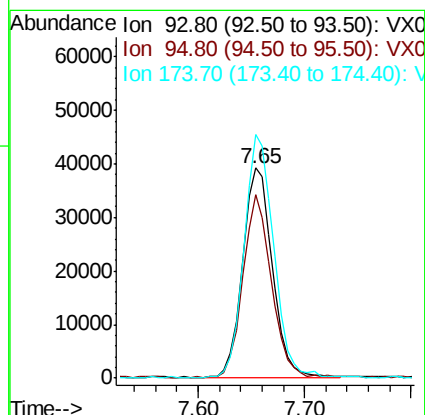
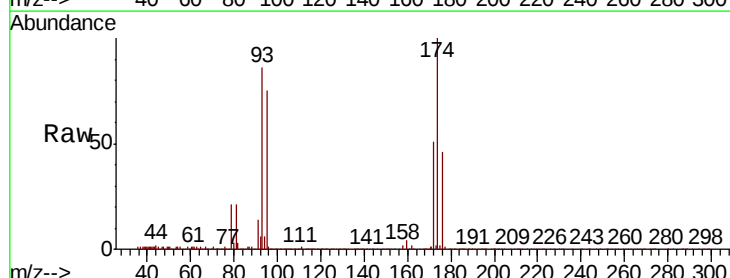
Tgt Ion: 93 Resp: 77713

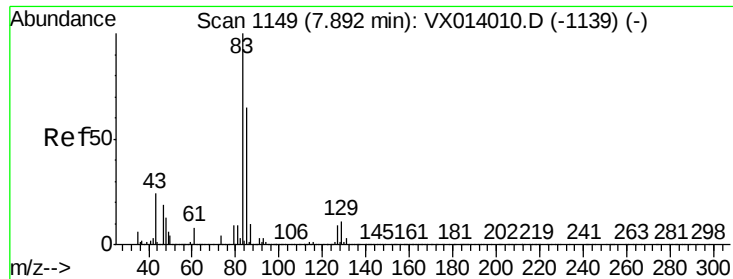
Ion Ratio Lower Upper

93 100

95 82.8 67.3 100.9

174 114.3 91.6 137.4





#47

Bromodichloromethane

Concen: 18.666 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampled :

VX1213WBS01

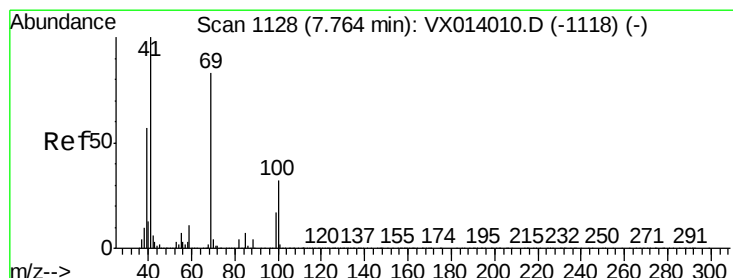
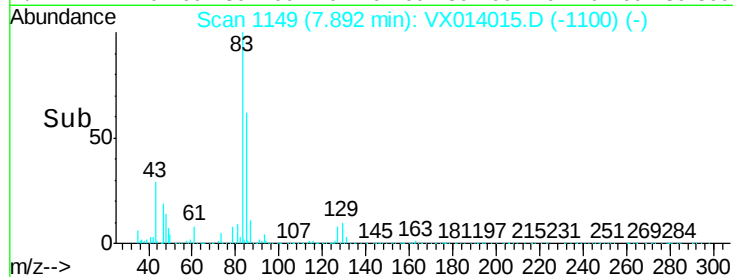
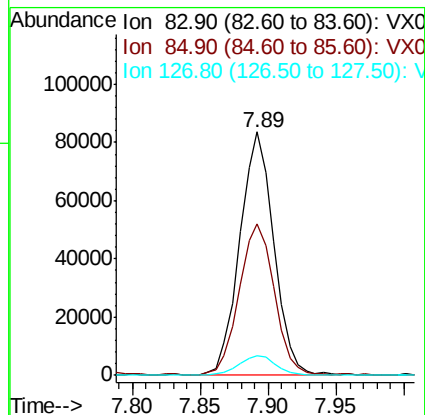
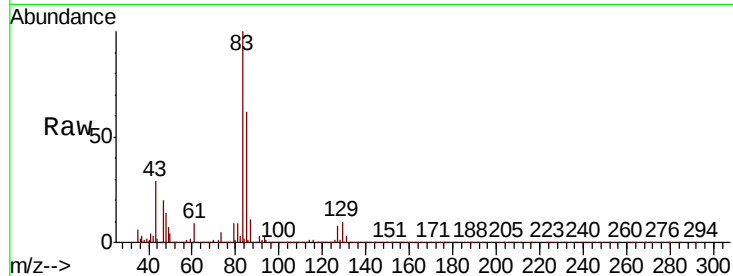
Tgt Ion: 83 Resp: 145626

Ion Ratio Lower Upper

83 100

85 62.0 51.8 77.8

127 8.0 7.0 10.4



#48

Methyl methacrylate

Concen: 19.438 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

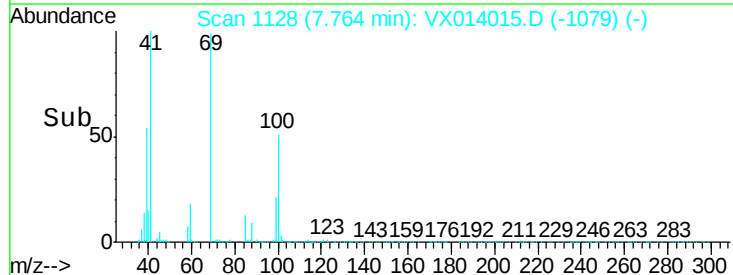
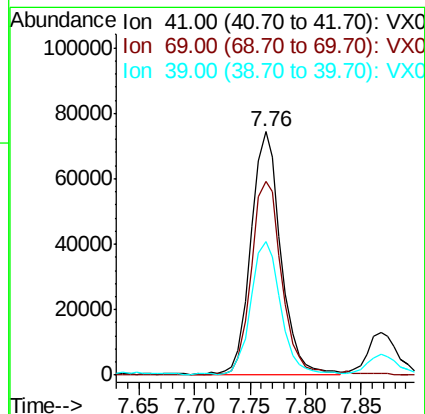
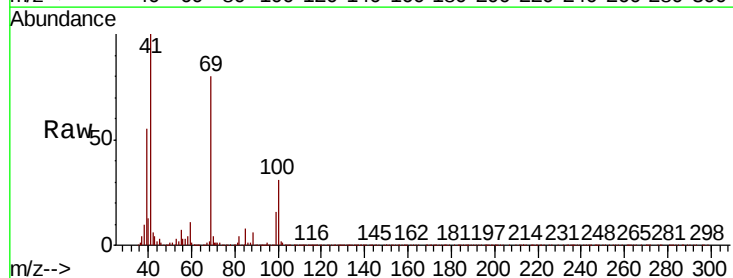
Tgt Ion: 41 Resp: 138201

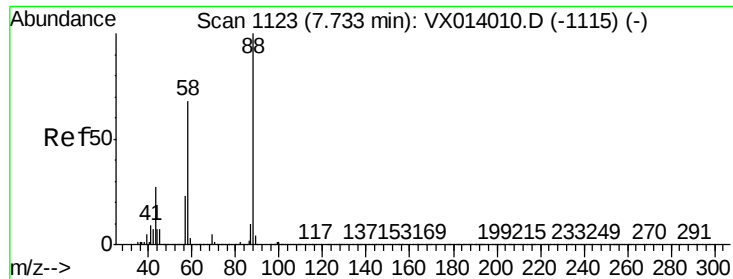
Ion Ratio Lower Upper

41 100

69 81.0 65.8 98.6

39 55.0 44.6 67.0





#49

1,4-Dioxane

Concen: 395.772 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

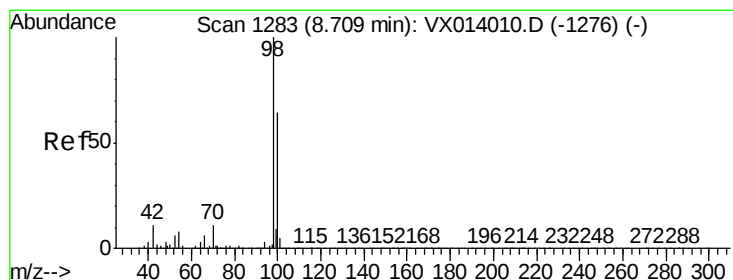
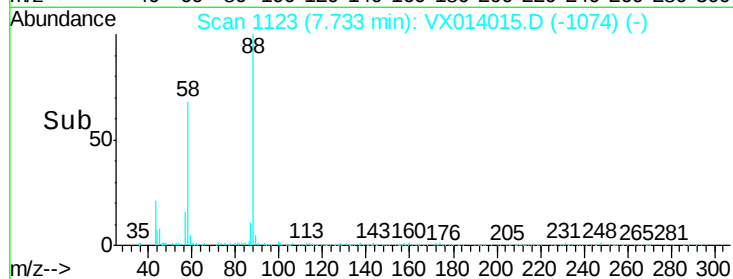
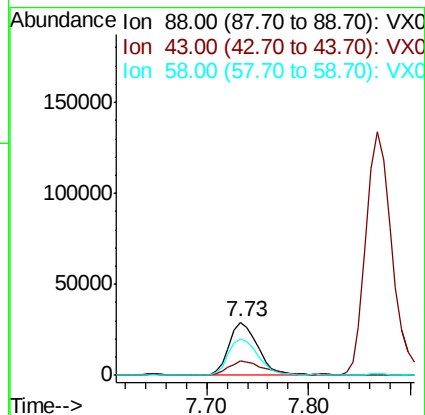
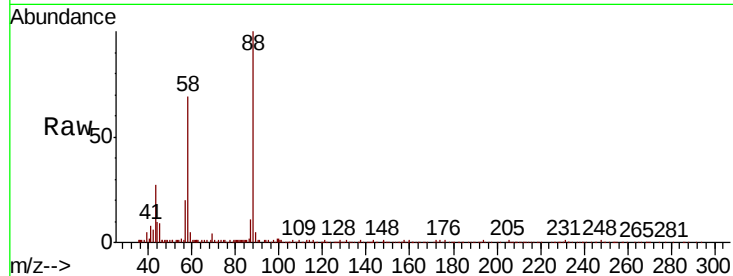
Tgt Ion: 88 Resp: 57262

Ion Ratio Lower Upper

88 100

43 32.0 26.5 39.7

58 70.9 56.8 85.2



#50

Toluene-d8

Concen: 50.016 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014015.D

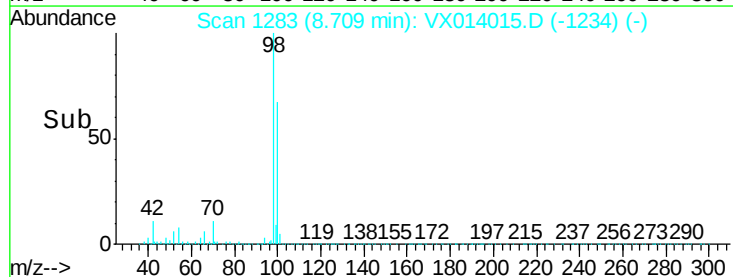
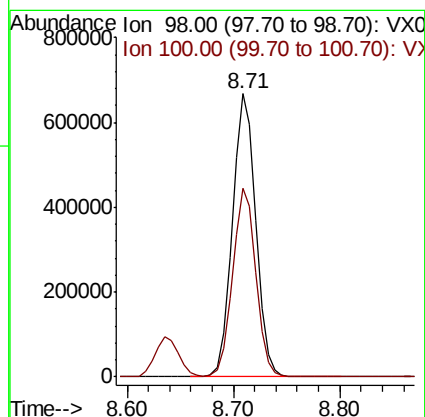
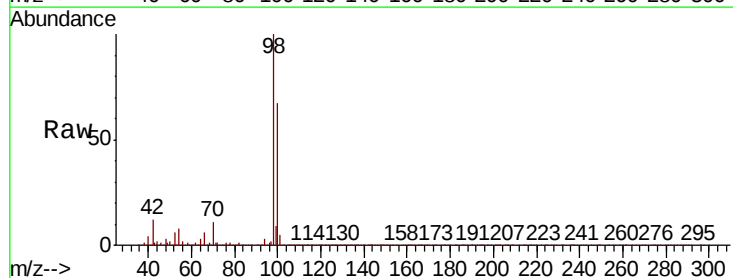
Acq: 13 Dec 2019 19:21

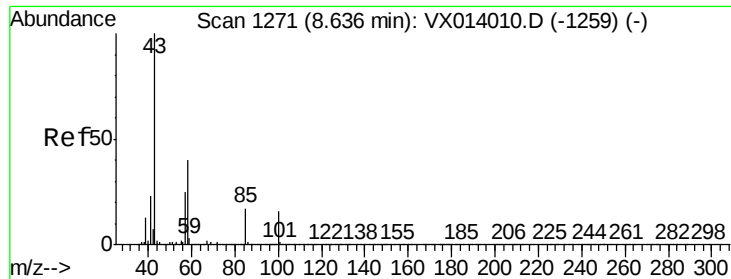
Tgt Ion: 98 Resp: 1024933

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3

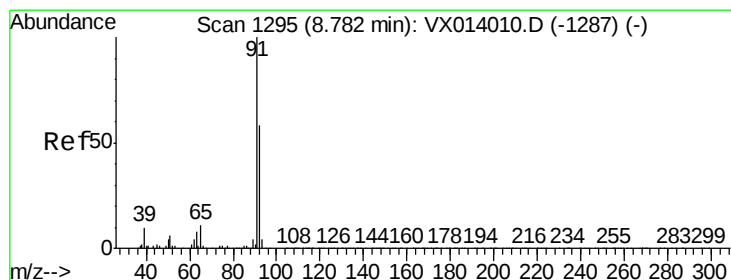
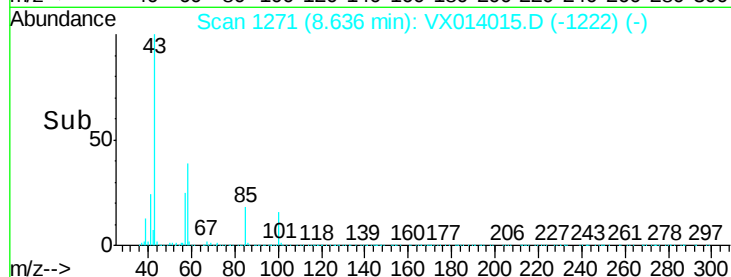
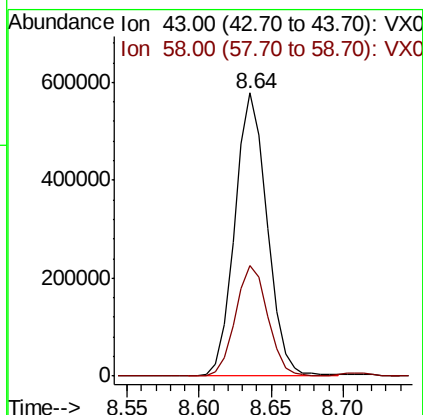
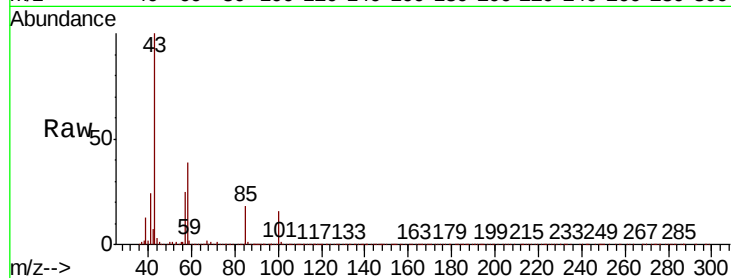




#51
 4-Methyl-2-Pentanone
 Concen: 98.861 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

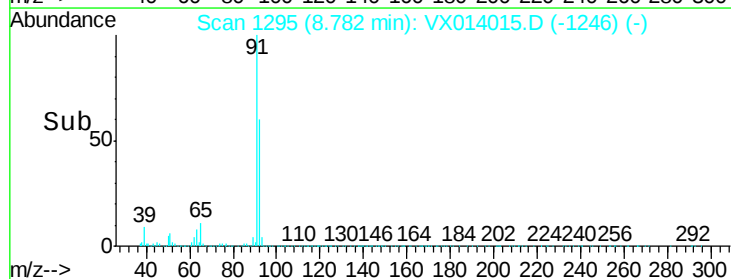
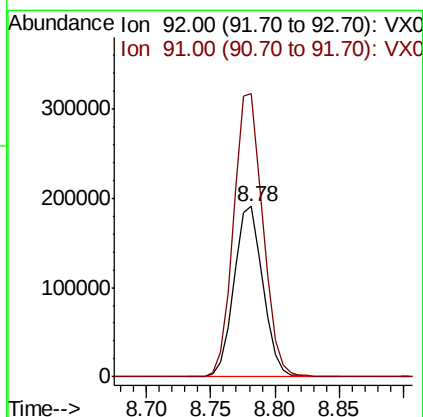
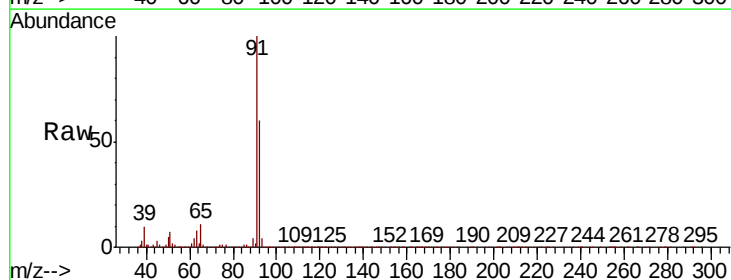
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

Tgt Ion: 43 Resp: 901449
 Ion Ratio Lower Upper
 43 100
 58 39.3 32.2 48.2



#52
 Toluene
 Concen: 19.219 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

Tgt Ion: 92 Resp: 296947
 Ion Ratio Lower Upper
 92 100
 91 168.9 136.2 204.4

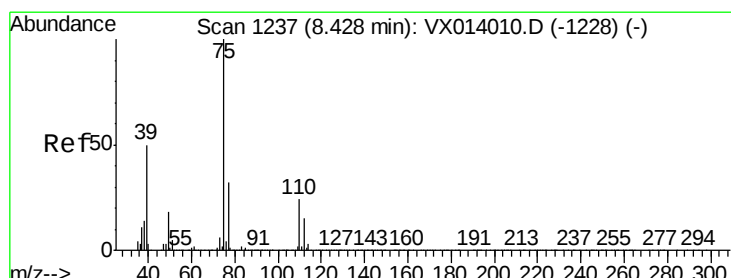
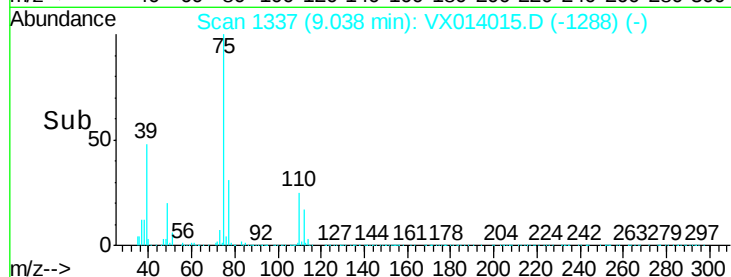
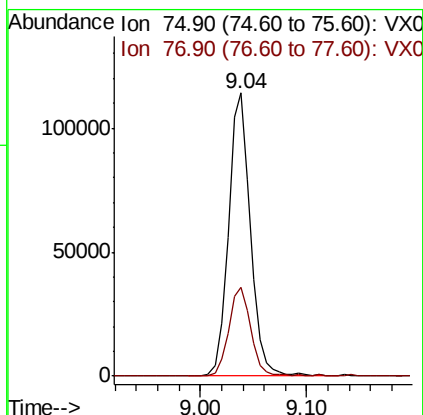
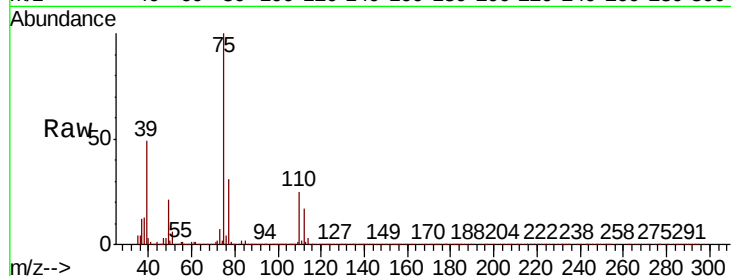




#53
t-1,3-Dichloropropene
Concen: 19.057 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

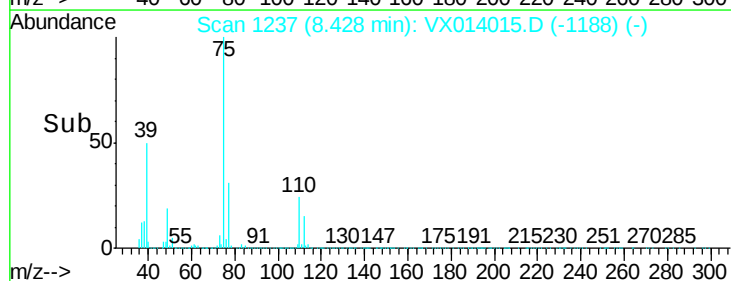
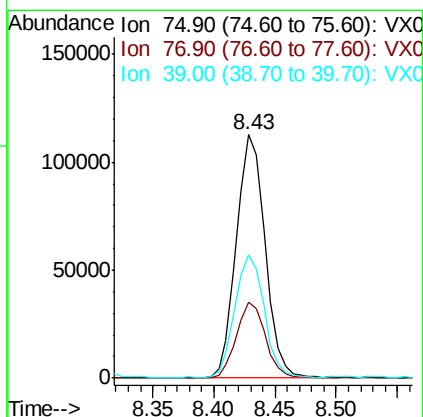
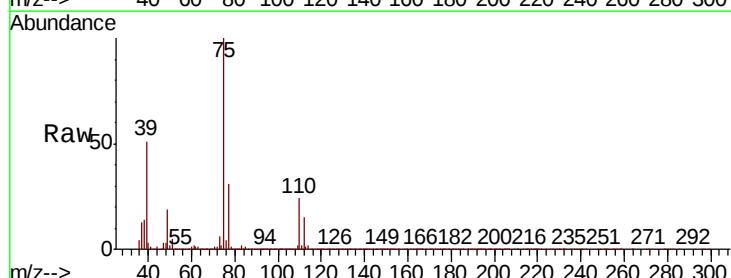
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 75 Resp: 163021
Ion Ratio Lower Upper
75 100
77 31.0 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.300 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion: 75 Resp: 183937
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 50.1 39.9 59.9

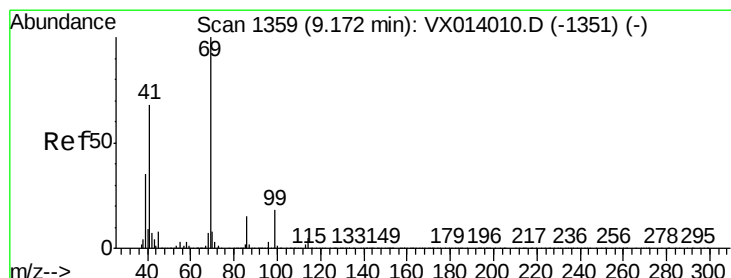
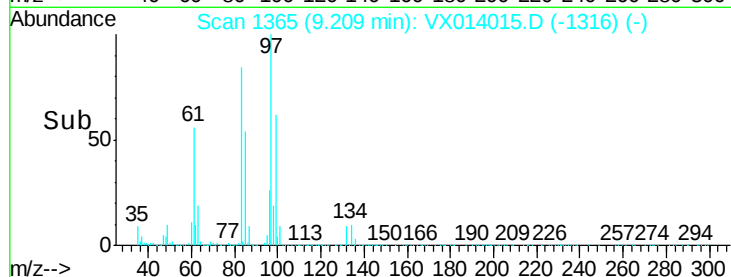
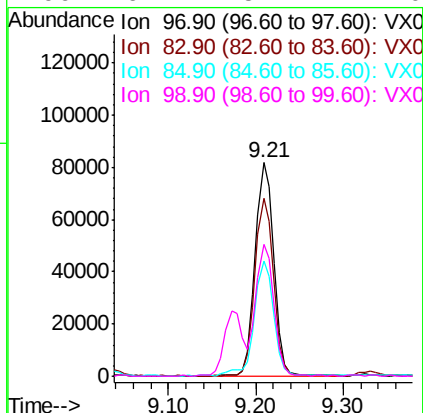
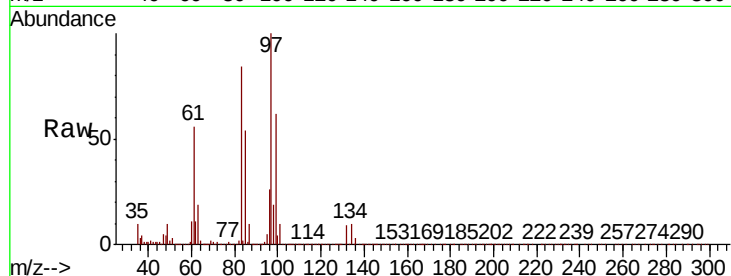




#55
 1,1,2-Trichloroethane
 Concen: 19.571 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

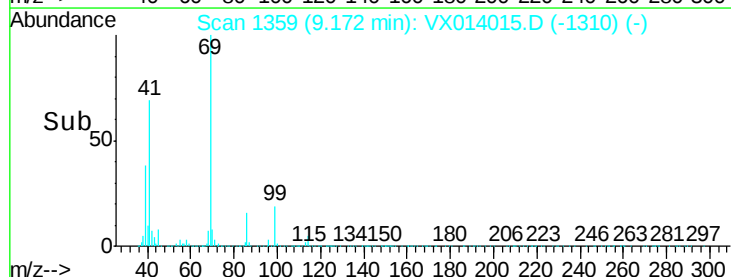
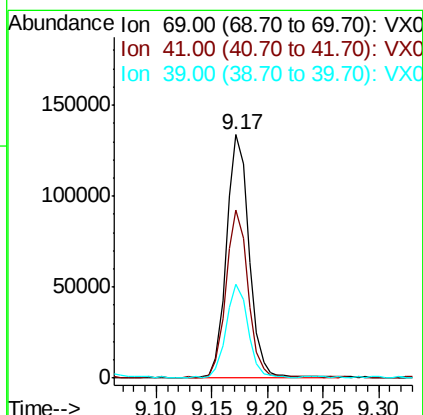
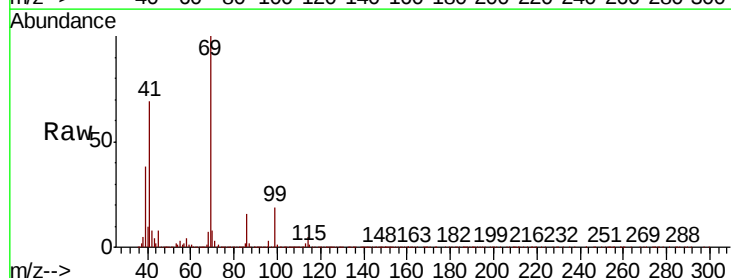
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

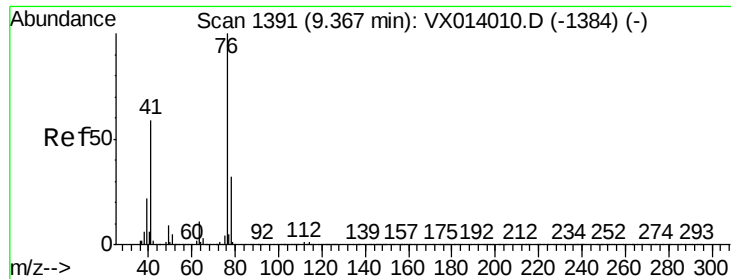
Tgt Ion:	97	Resp:	121195
Ion	Ratio	Lower	Upper
97	100		
83	83.2	68.2	102.4
85	53.7	44.6	66.8
99	61.7	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 19.358 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

Tgt Ion:	69	Resp:	188303
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.8	82.2
39	36.5	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.391 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

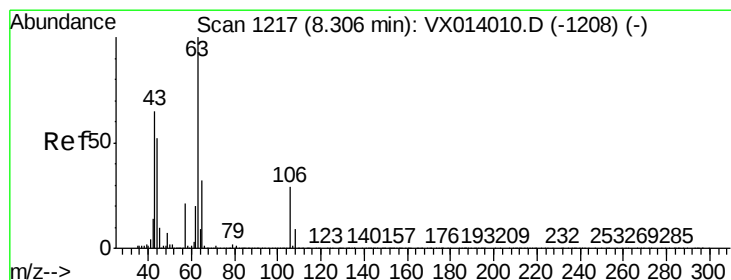
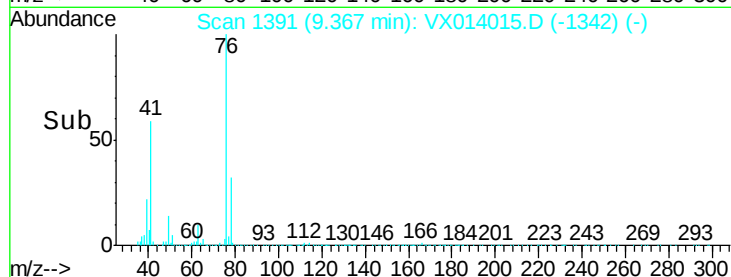
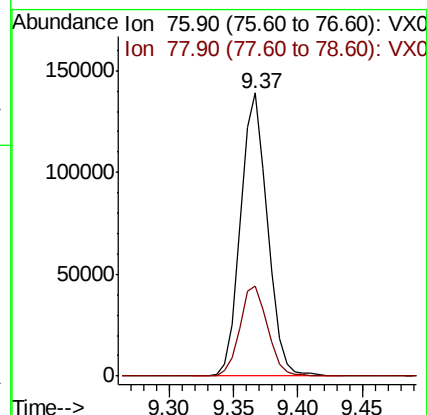
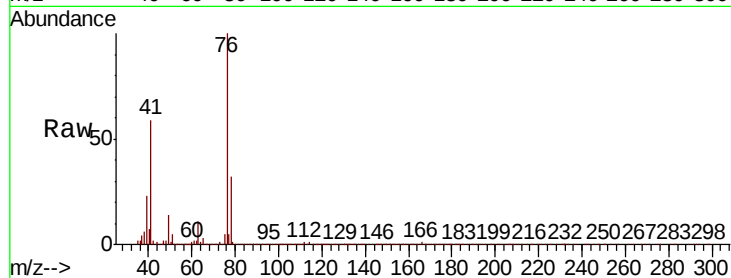
VX1213WBS01

Tgt Ion: 76 Resp: 202039

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.644 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014015.D

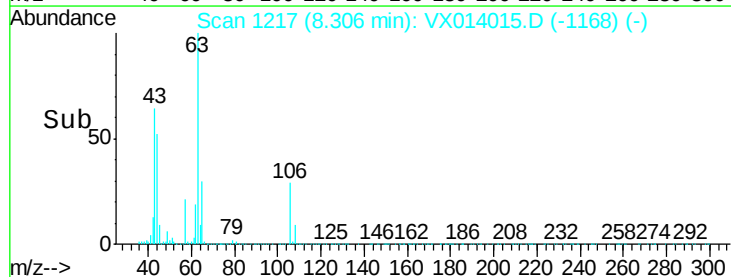
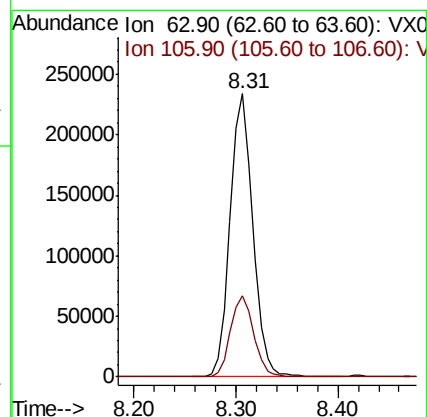
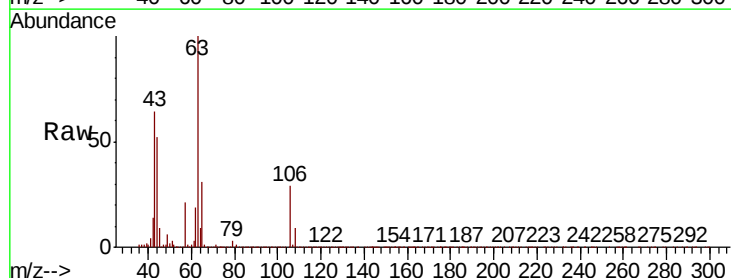
Acq: 13 Dec 2019 19:21

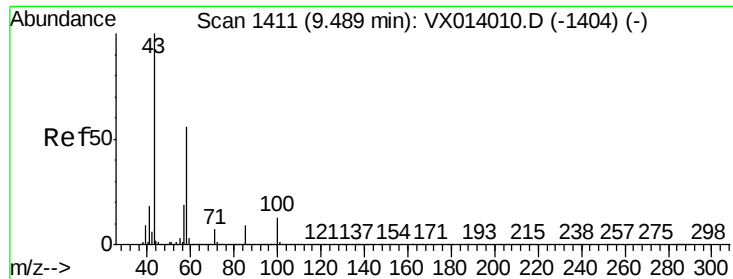
Tgt Ion: 63 Resp: 359451

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6

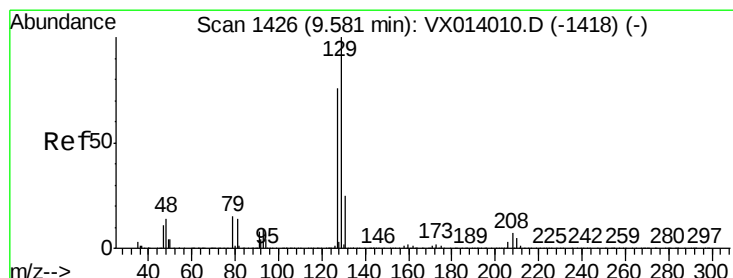
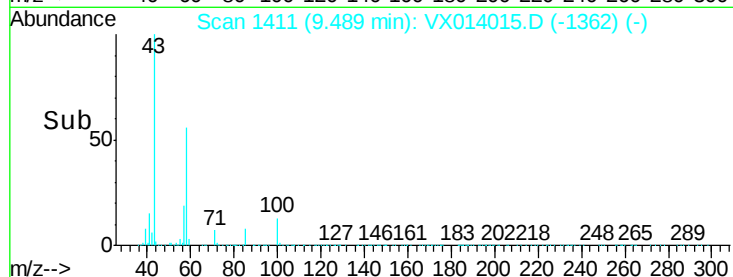
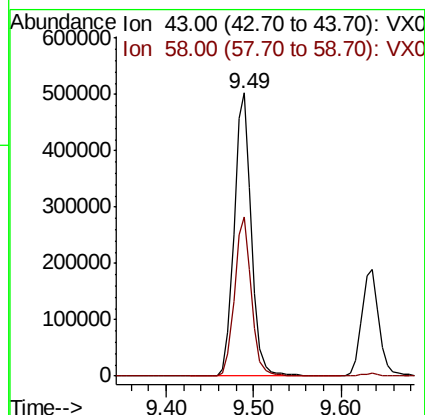
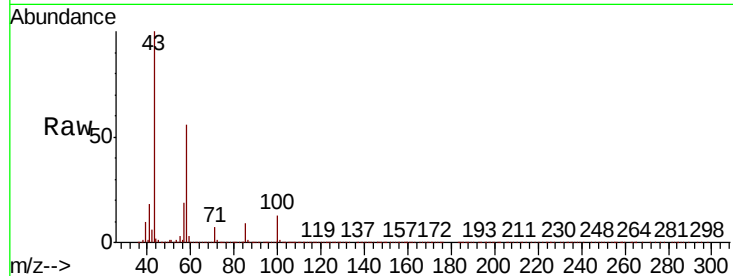




#59
2-Hexanone
Concen: 93.791 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

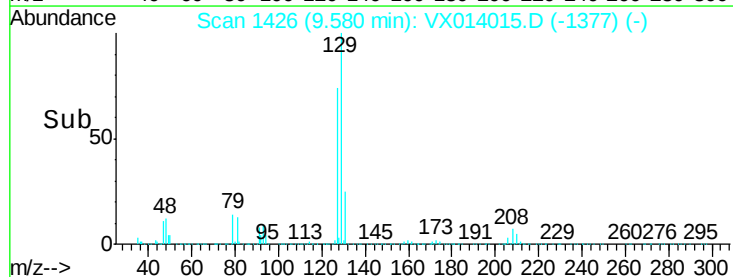
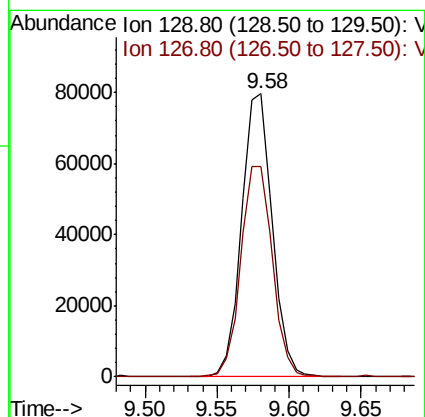
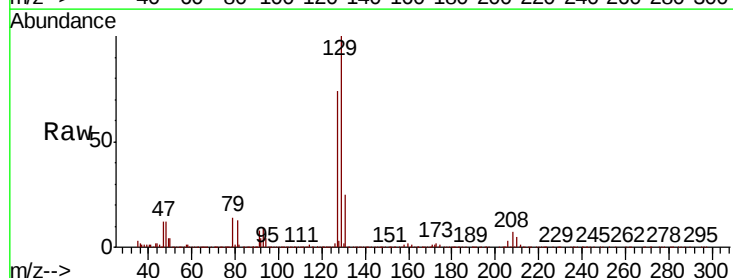
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

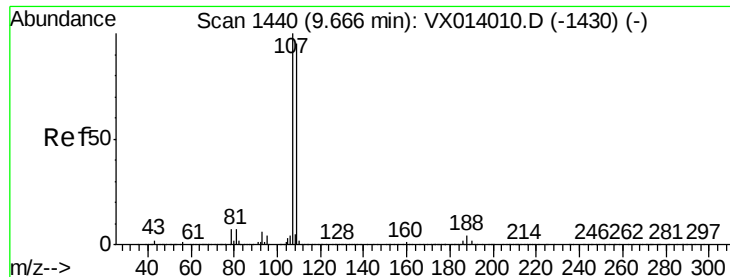
Tgt Ion: 43 Resp: 688456
Ion Ratio Lower Upper
43 100
58 55.5 28.0 84.0



#60
Dibromochloromethane
Concen: 18.989 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion: 129 Resp: 116884
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.445 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

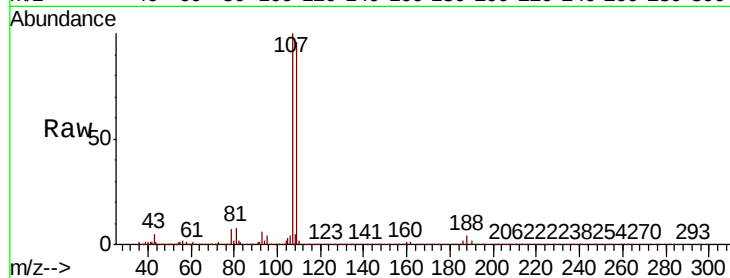
VX1213WBS01

Tgt Ion: 107 Resp: 123202

Ion Ratio Lower Upper

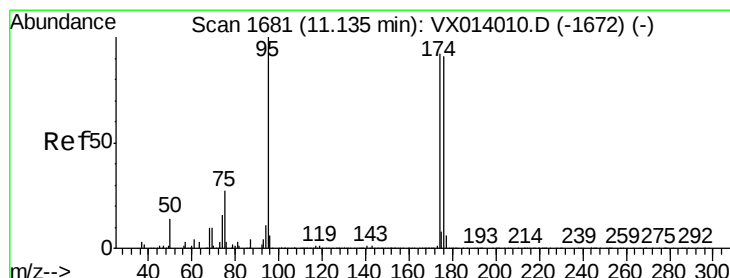
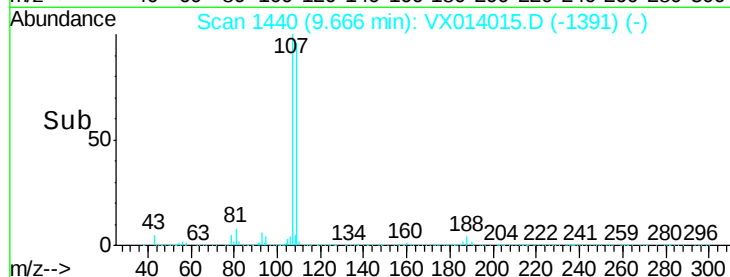
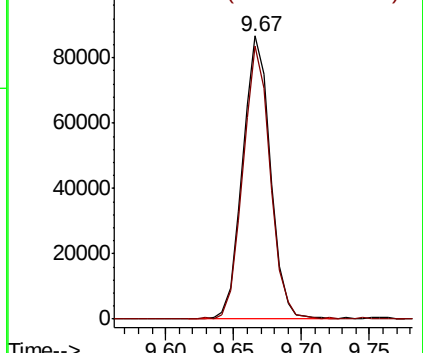
107 100

109 95.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.213 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

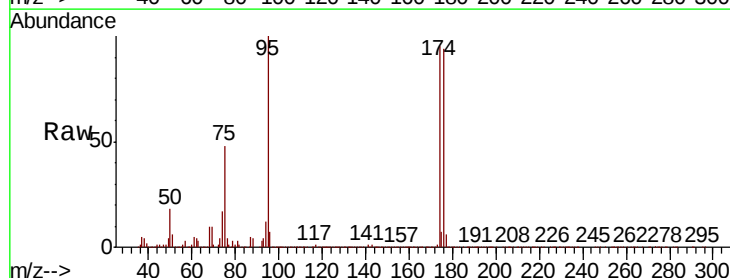
Tgt Ion: 95 Resp: 361149

Ion Ratio Lower Upper

95 100

174 88.8 0.0 175.8

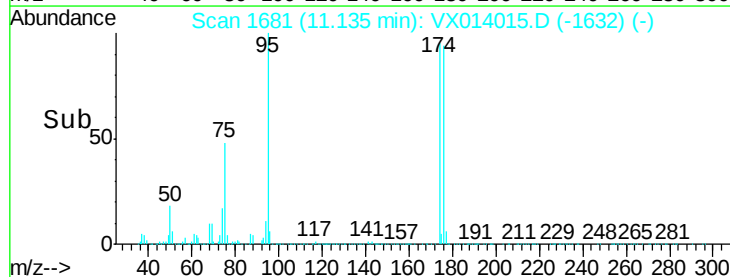
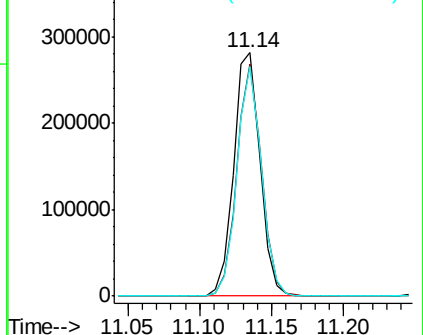
176 87.6 0.0 173.0

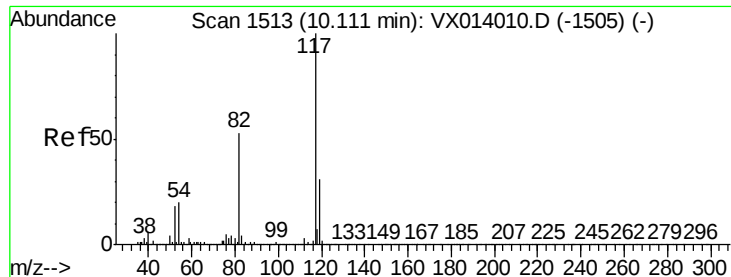


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

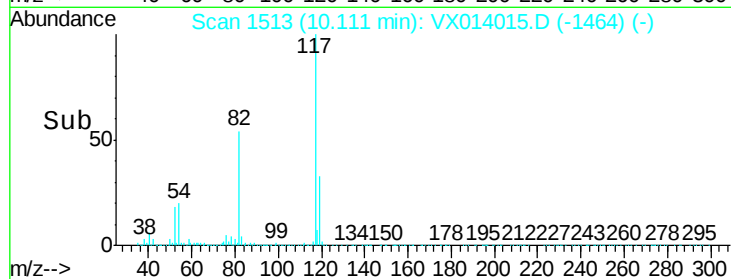
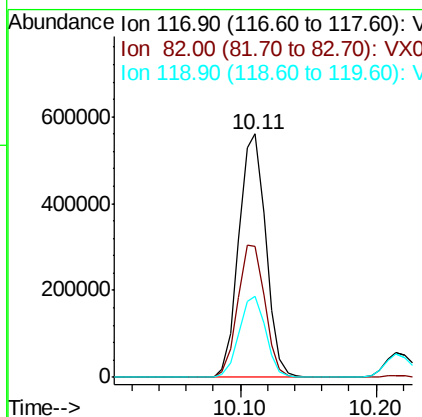
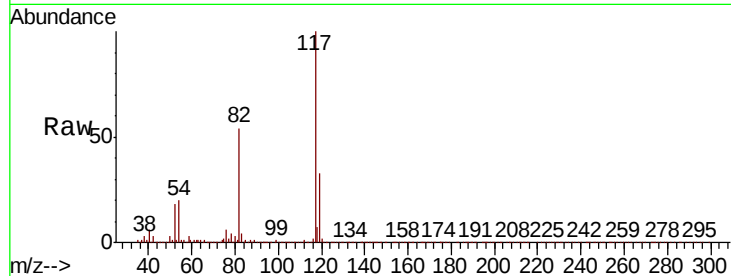




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

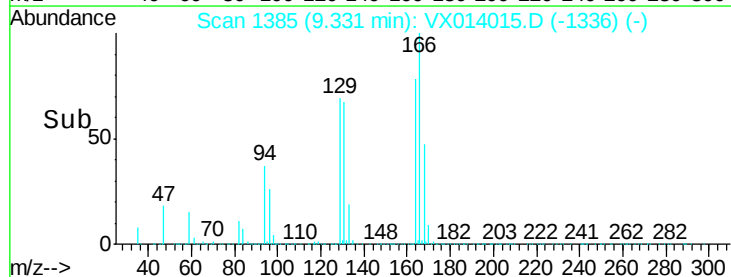
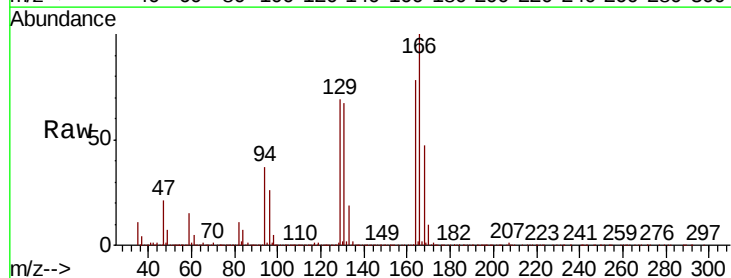
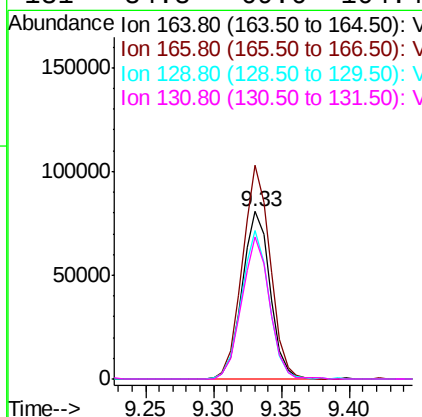
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

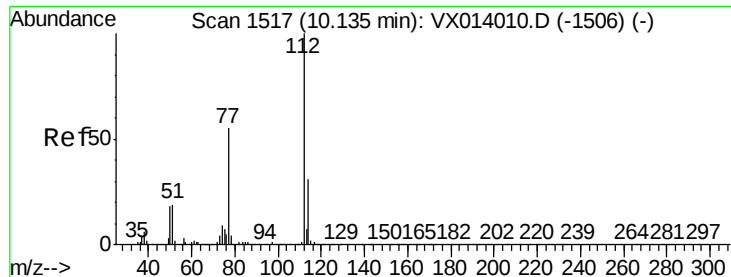
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.4
119	33.1	25.1	37.7



#64
Tetrachloroethene
Concen: 16.864 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	104.0	156.0
129	88.6	72.2	108.4
131	84.8	69.6	104.4





#65

Chlorobenzene

Concen: 19.017 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampled :

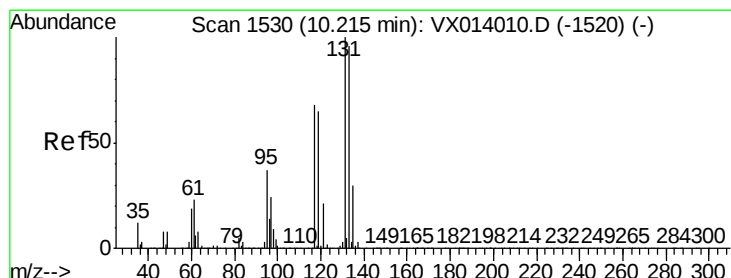
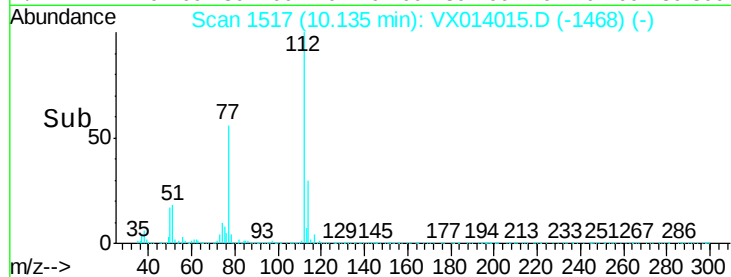
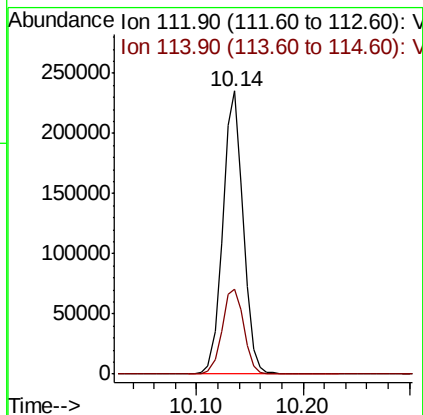
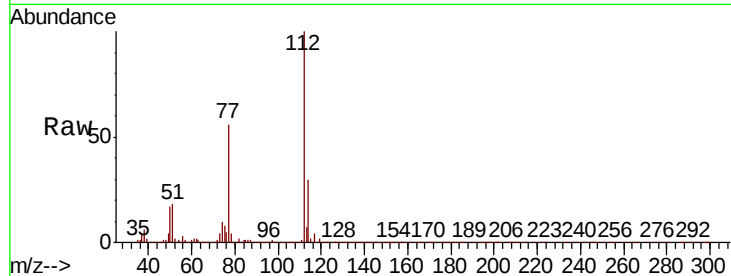
VX1213WBS01

Tgt Ion:112 Resp: 313635

Ion Ratio Lower Upper

112 100

114 30.2 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.206 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

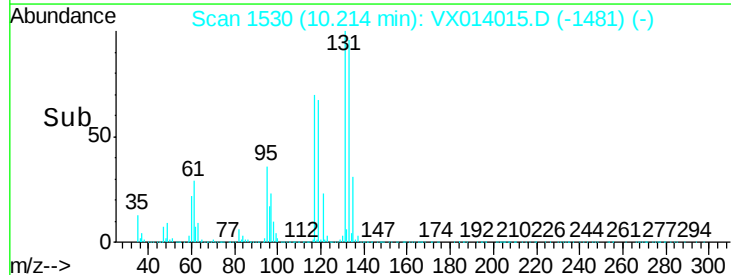
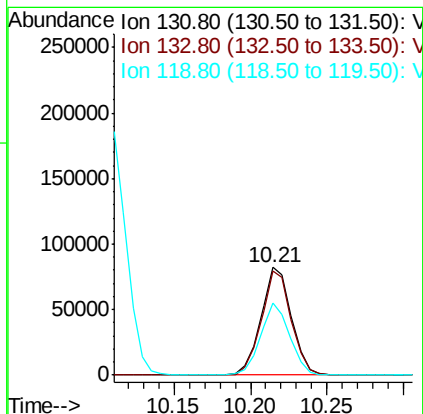
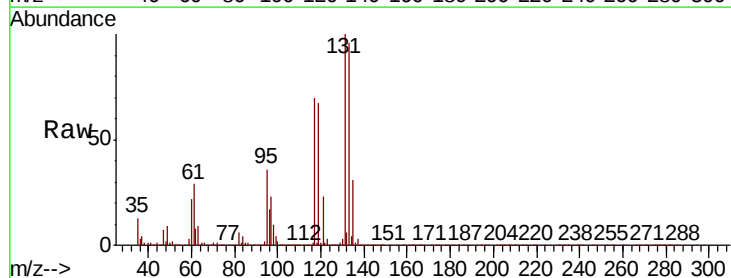
Tgt Ion:131 Resp: 113094

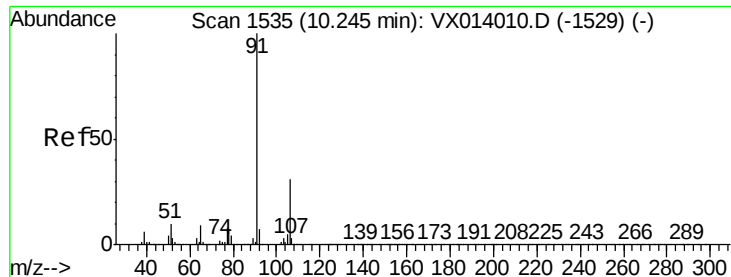
Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.0

119 64.4 33.4 100.2





#67

Ethyl Benzene

Concen: 19.485 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

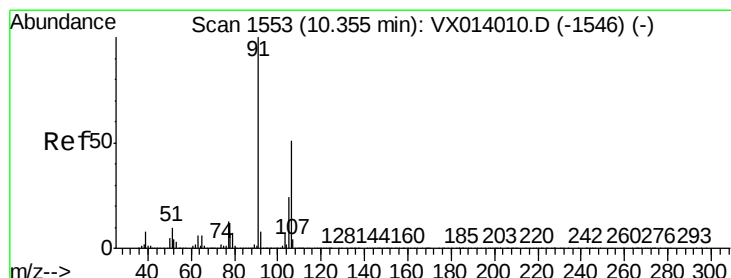
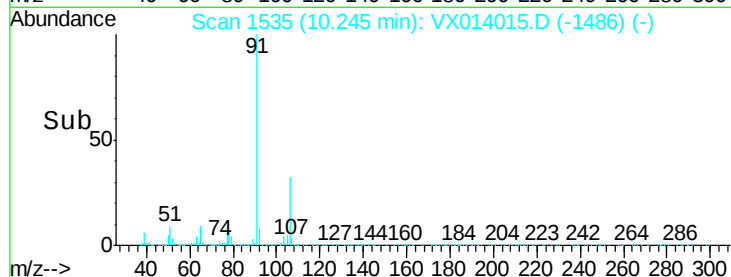
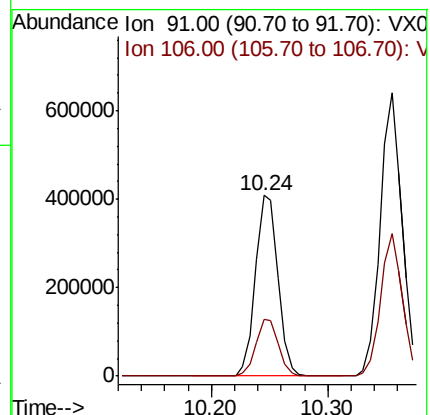
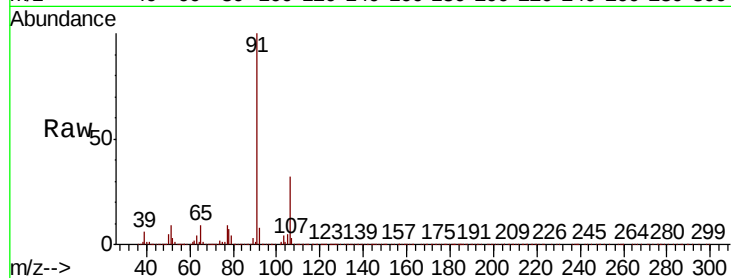
VX1213WBS01

Tgt Ion: 91 Resp: 552476

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.6



#68

m/p-Xylenes

Concen: 38.568 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014015.D

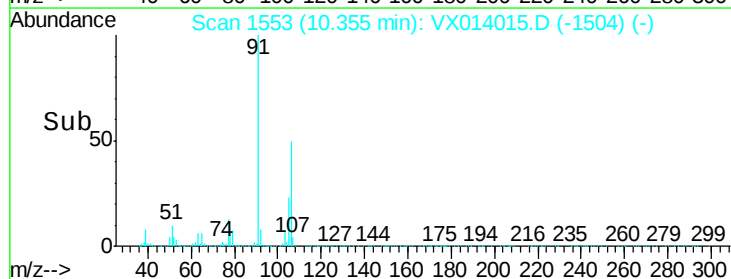
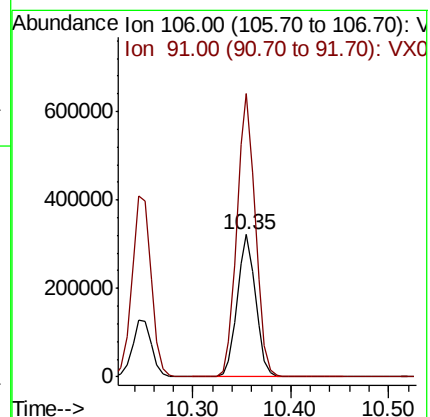
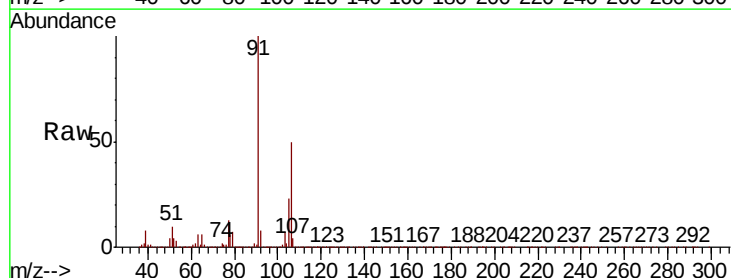
Acq: 13 Dec 2019 19:21

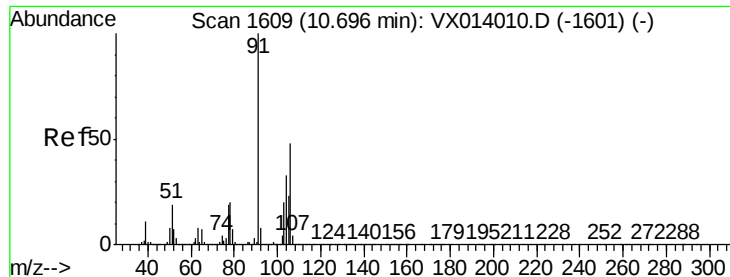
Tgt Ion: 106 Resp: 420596

Ion Ratio Lower Upper

106 100

91 199.5 158.6 238.0

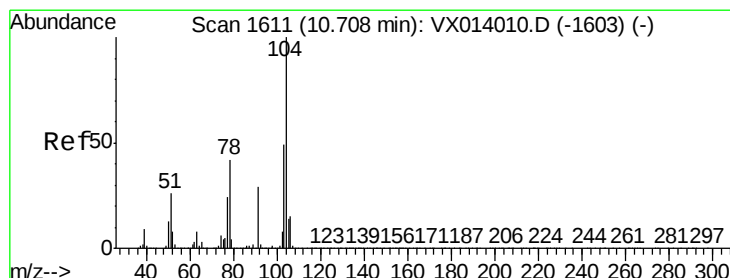
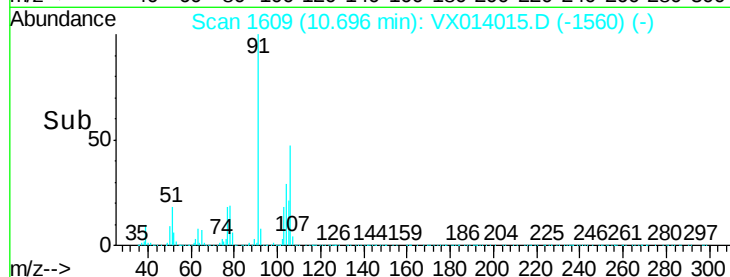
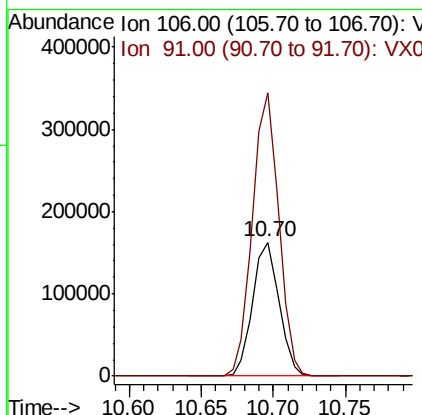
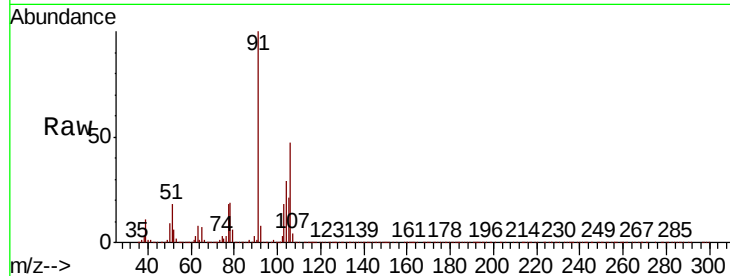




#69
o-Xylene
Concen: 19.302 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

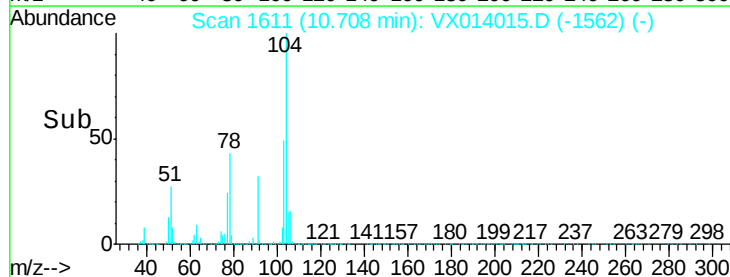
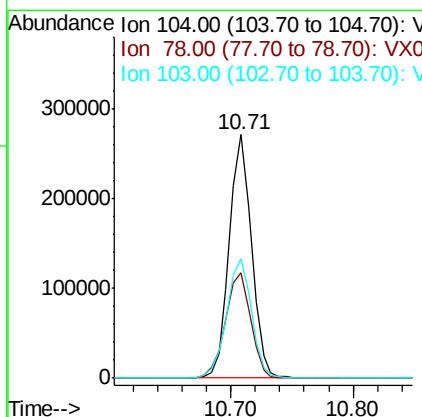
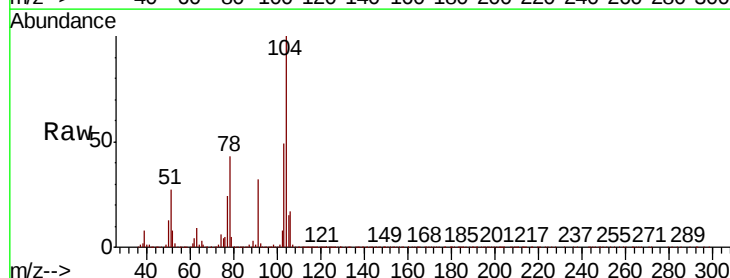
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

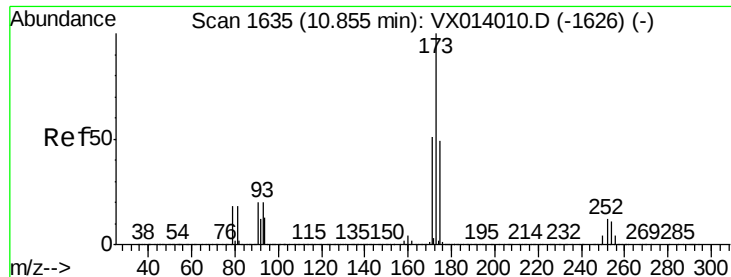
Tgt Ion:106 Resp: 206442
Ion Ratio Lower Upper
106 100
91 210.1 104.2 312.6



#70
Styrene
Concen: 18.955 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion:104 Resp: 342819
Ion Ratio Lower Upper
104 100
78 49.0 38.5 57.7
103 54.6 42.9 64.3





#71

Bromoform

Concen: 18.707 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

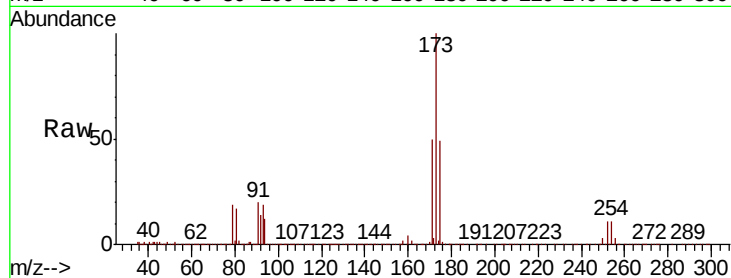
Tgt Ion:173 Resp: 88549

Ion Ratio Lower Upper

173 100

175 49.8 24.4 73.4

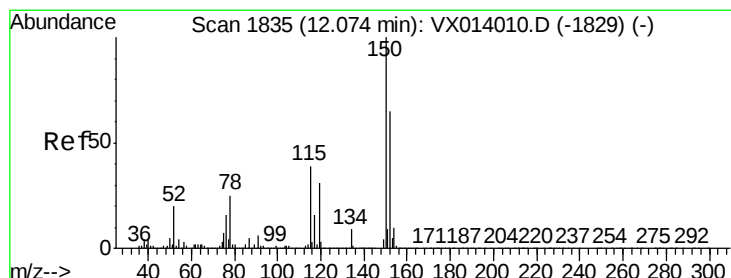
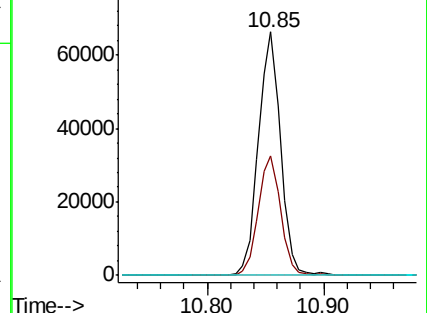
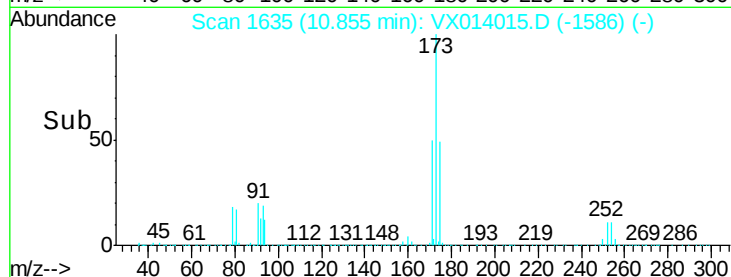
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

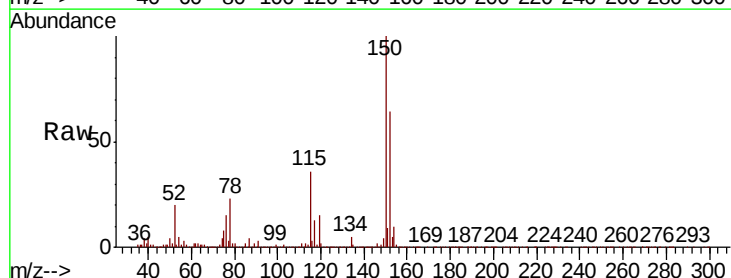
Tgt Ion:152 Resp: 384853

Ion Ratio Lower Upper

152 100

115 64.0 38.3 114.9

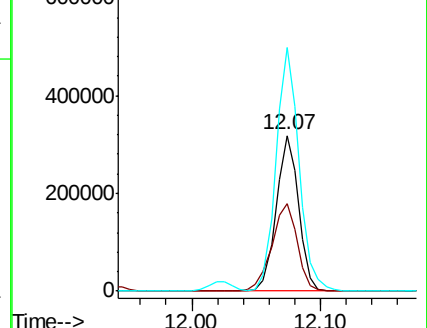
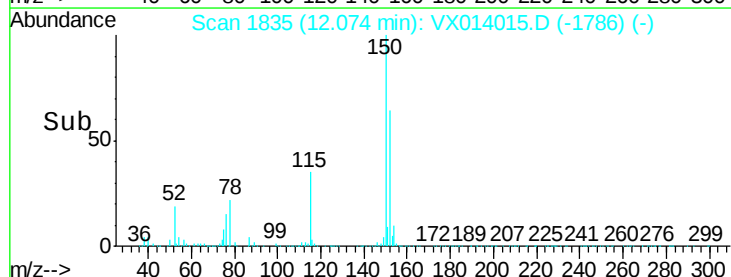
150 161.5 0.0 345.4

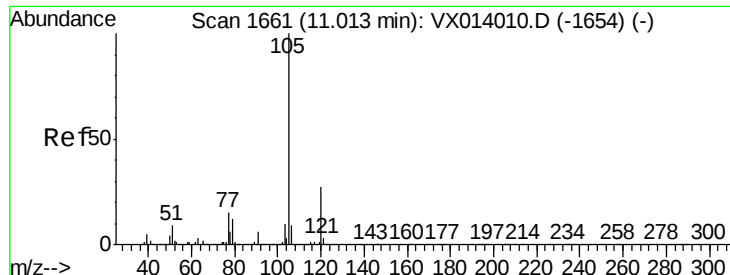


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.774 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

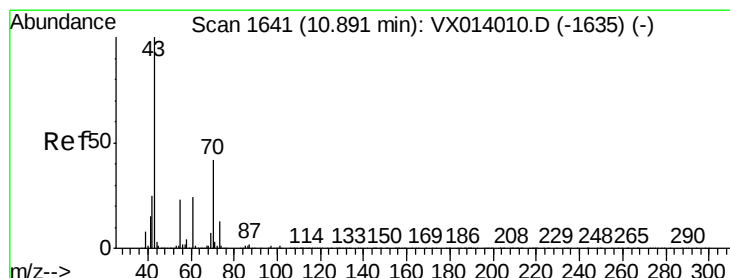
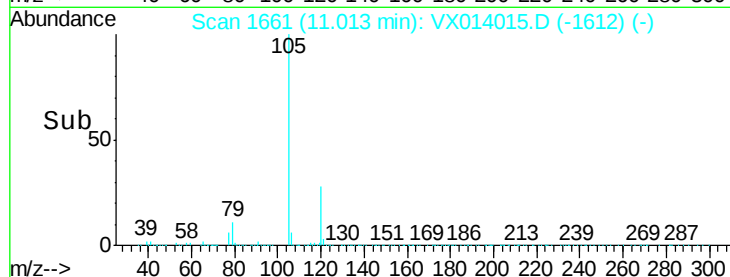
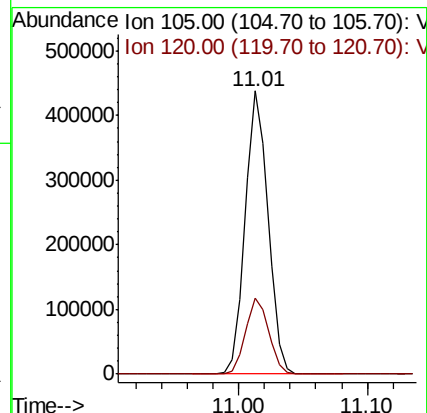
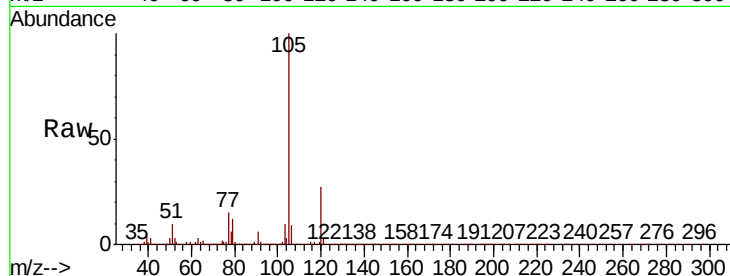
VX1213WBS01

Tgt Ion: 105 Resp: 535804

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 19.662 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Tgt Ion: 43 Resp: 249737

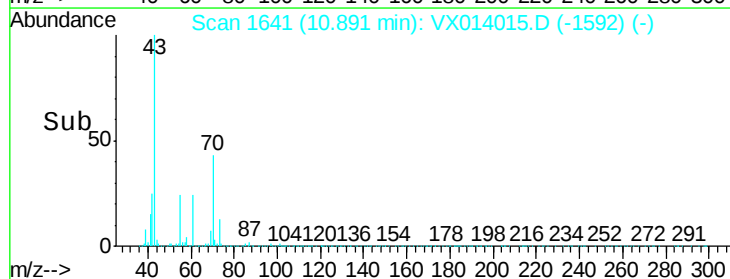
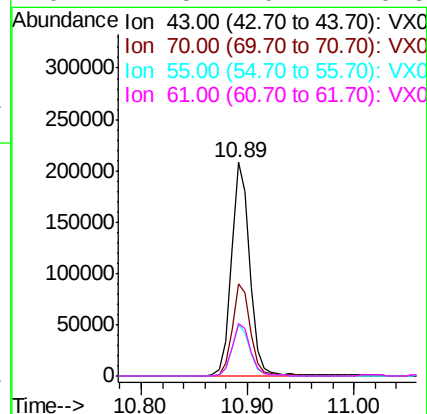
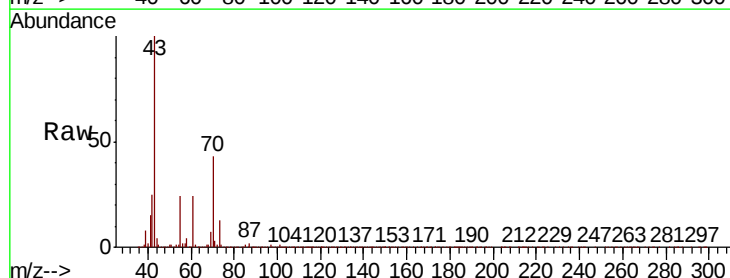
Ion Ratio Lower Upper

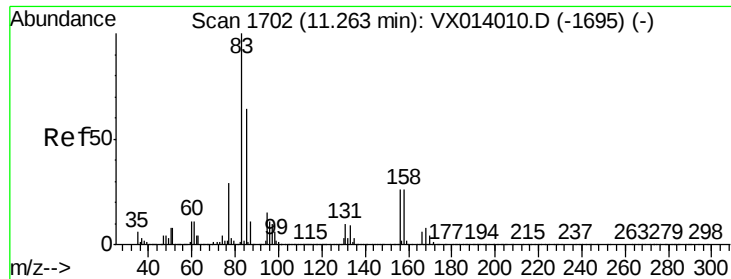
43 100

70 43.0 34.4 51.6

55 23.7 19.1 28.7

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.219 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

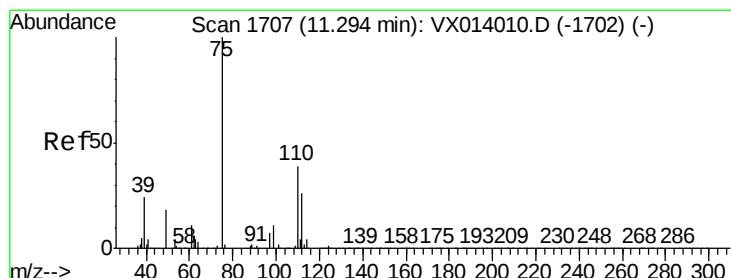
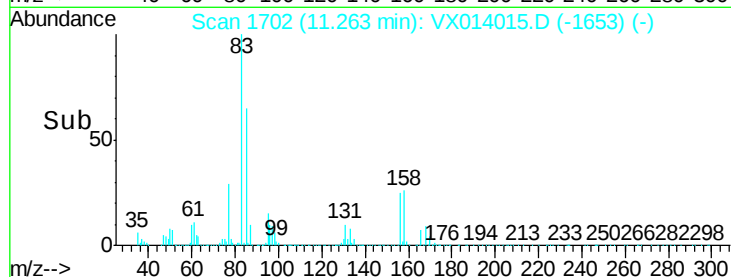
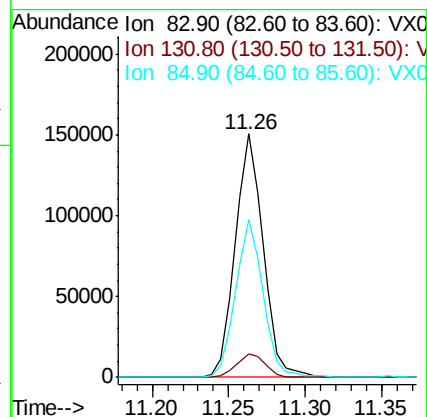
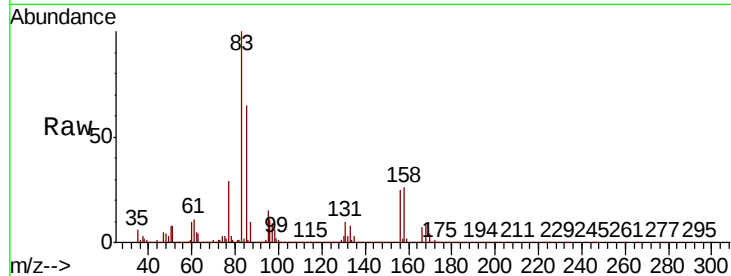
Tgt Ion: 83 Resp: 189943

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 63.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 23.274 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX014015.D

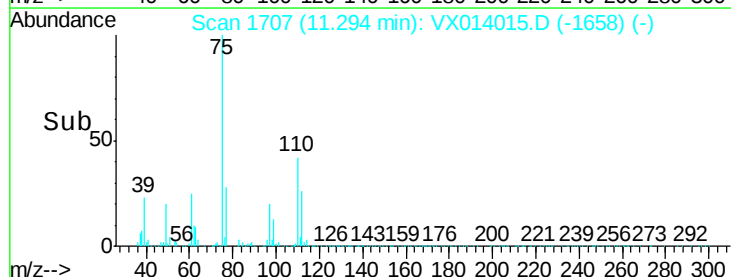
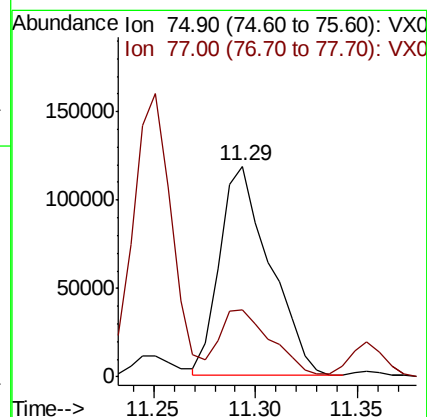
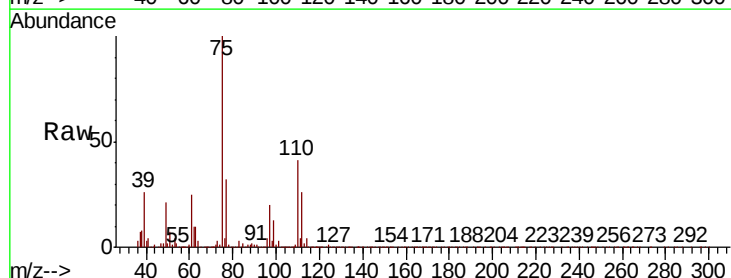
Acq: 13 Dec 2019 19:21

Tgt Ion: 75 Resp: 202451

Ion Ratio Lower Upper

75 100

77 32.5 19.3 57.8





#77

Bromobenzene

Concen: 18.824 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

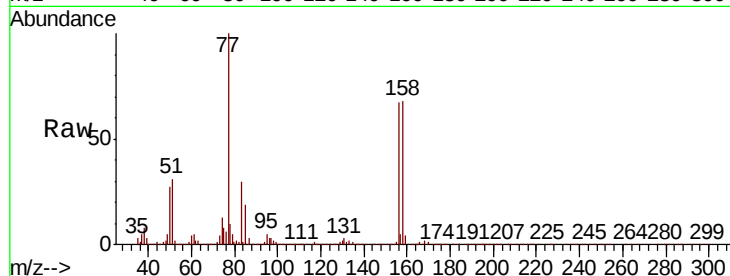
Tgt Ion: 156 Resp: 140340

Ion Ratio Lower Upper

156 100

77 150.0 76.5 229.5

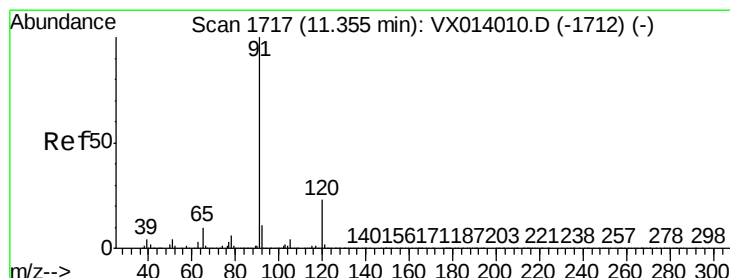
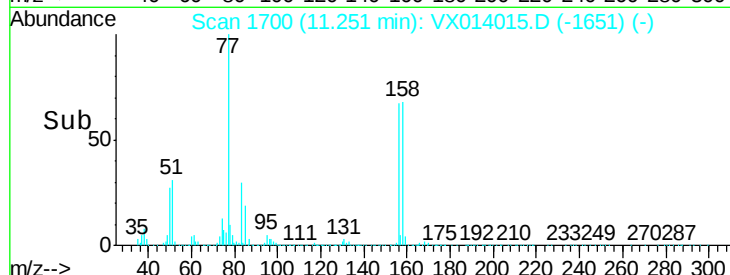
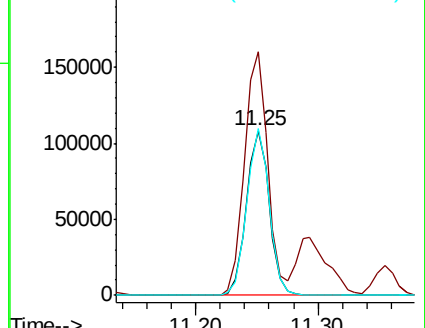
158 99.8 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.609 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014015.D

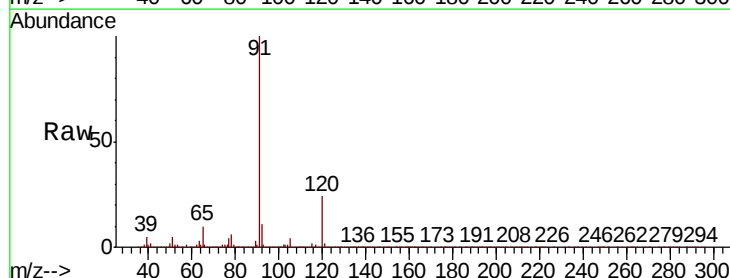
Acq: 13 Dec 2019 19:21

Tgt Ion: 91 Resp: 595999

Ion Ratio Lower Upper

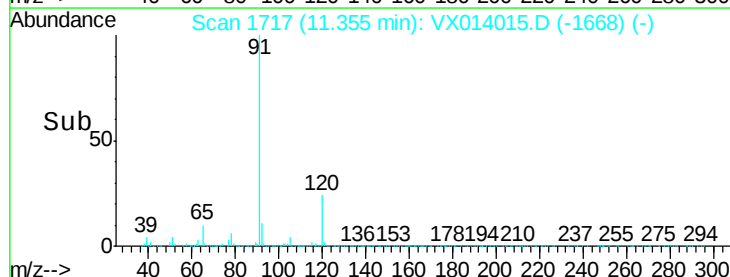
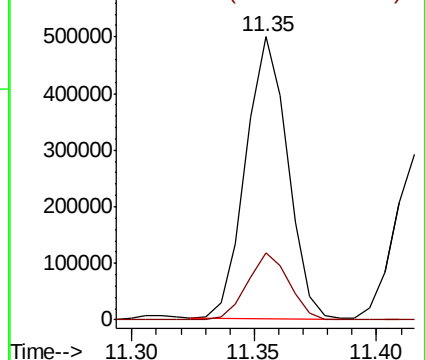
91 100

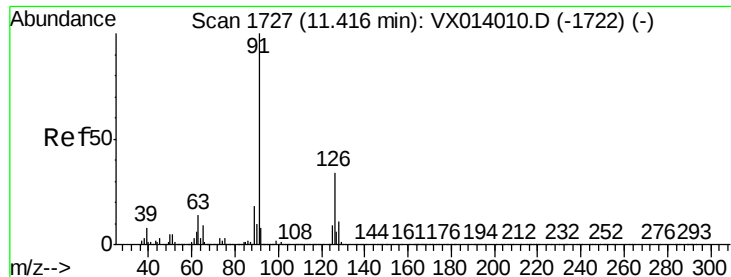
120 23.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.617 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

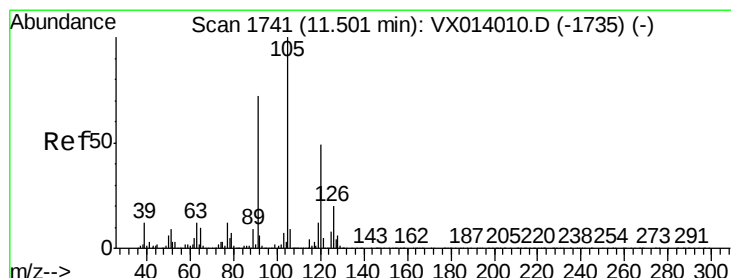
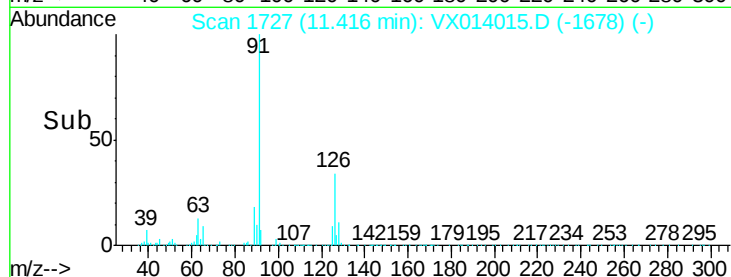
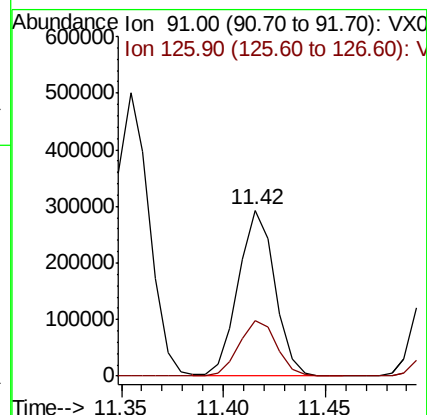
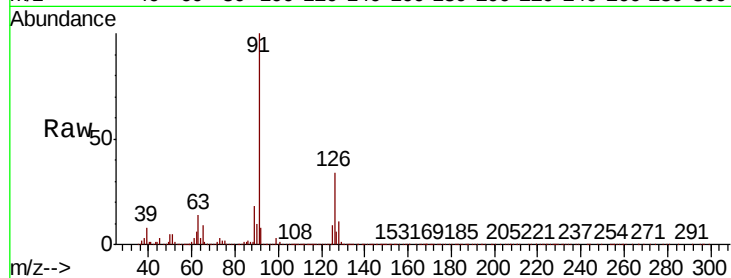
VX1213WBS01

Tgt Ion: 91 Resp: 362434

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.735 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014015.D

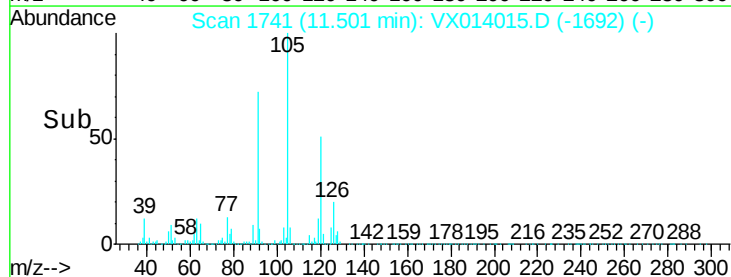
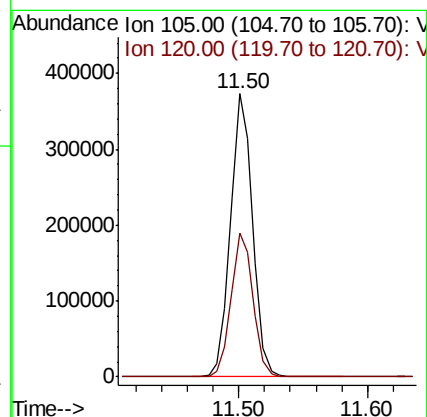
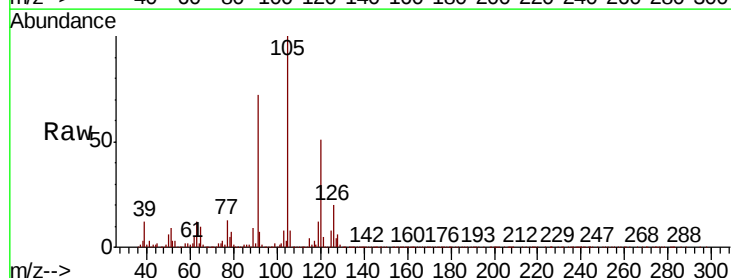
Acq: 13 Dec 2019 19:21

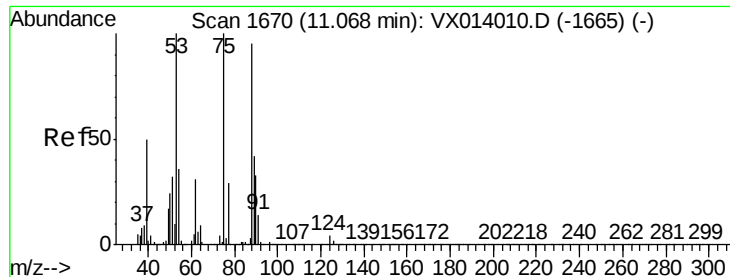
Tgt Ion: 105 Resp: 450045

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.668 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampled :

VX1213WBS01

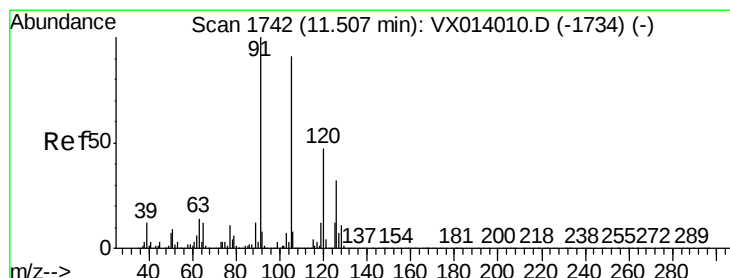
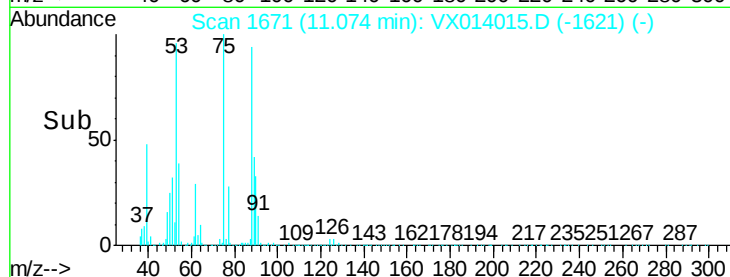
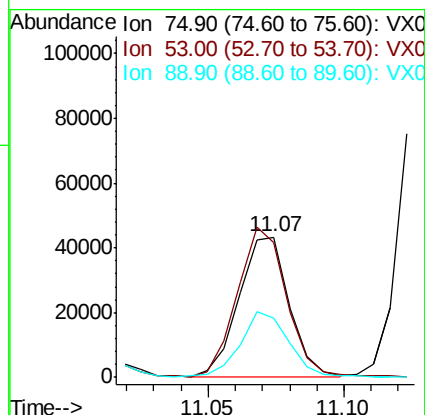
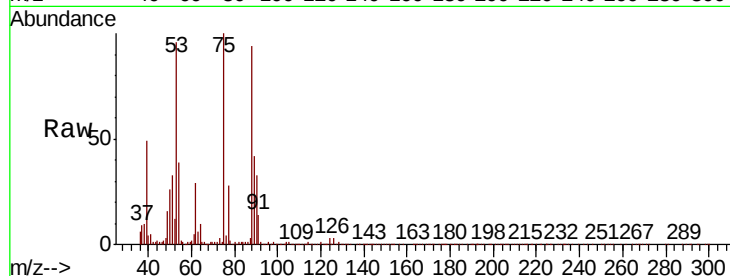
Tgt Ion: 75 Resp: 55259

Ion Ratio Lower Upper

75 100

53 104.2 76.7 115.1

89 45.7 34.6 51.8



#82

4-Chlorotoluene

Concen: 19.365 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014015.D

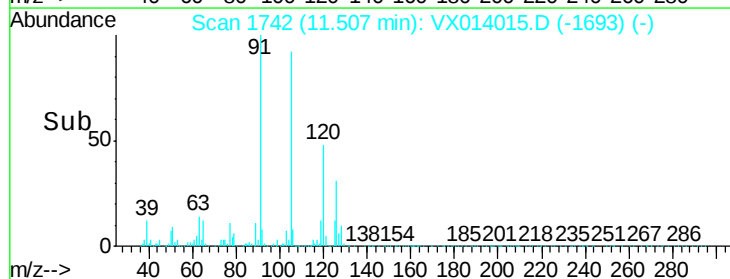
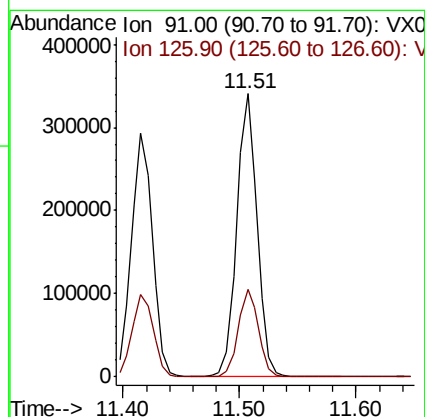
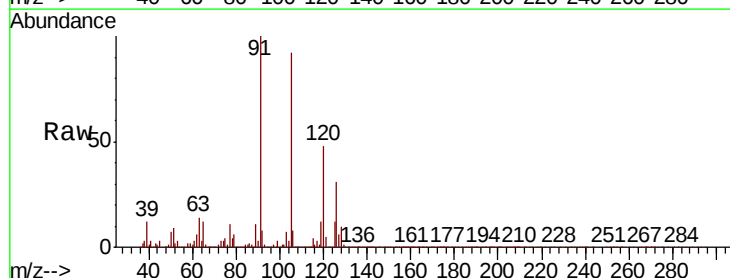
Acq: 13 Dec 2019 19:21

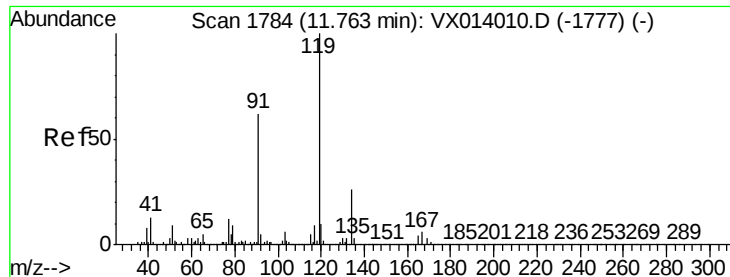
Tgt Ion: 91 Resp: 415014

Ion Ratio Lower Upper

91 100

126 30.6 15.6 46.8

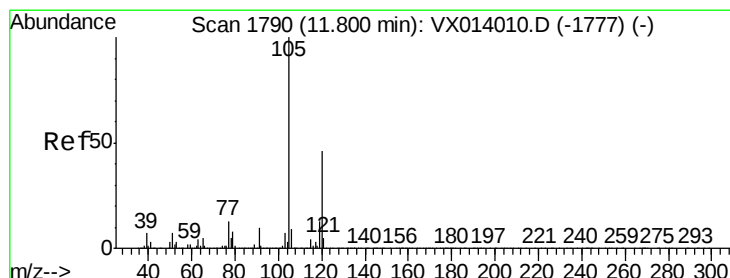
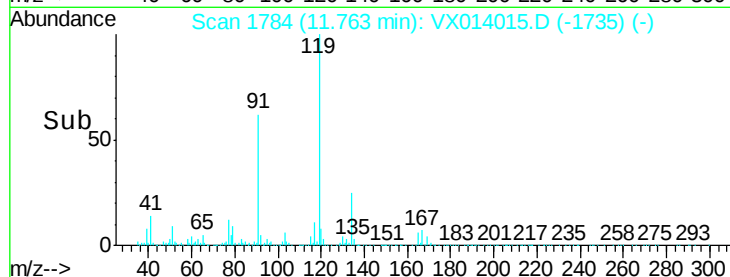
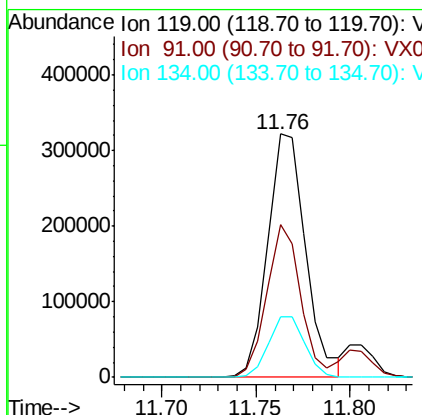
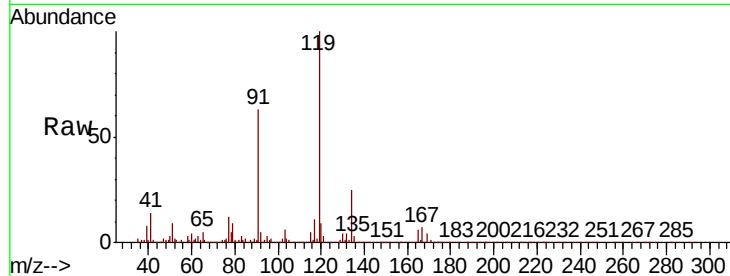




#83
 tert-Butylbenzene
 Concen: 20.255 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

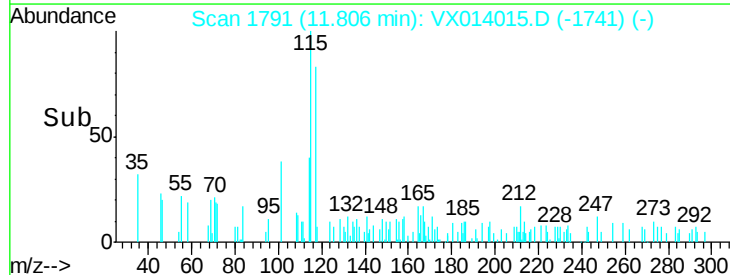
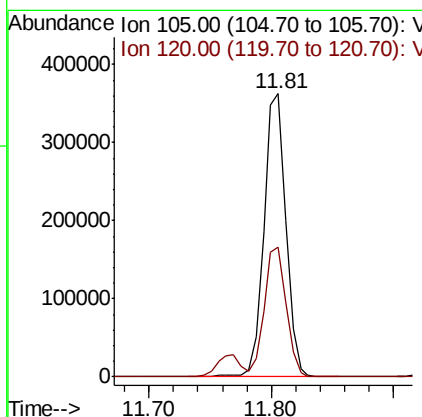
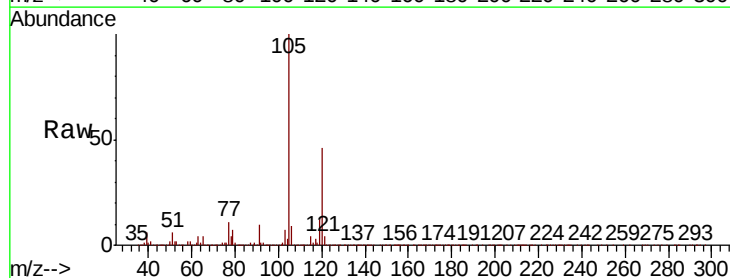
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

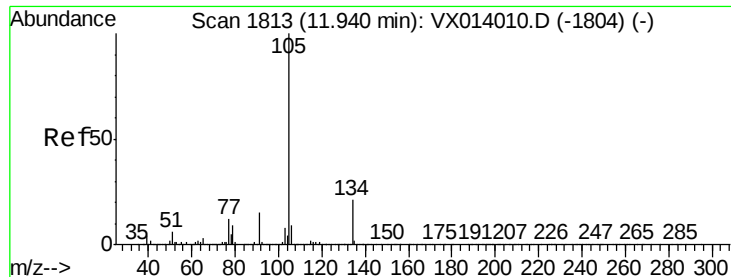
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.6	28.5	85.6
134	24.2	12.2	36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.871 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.2

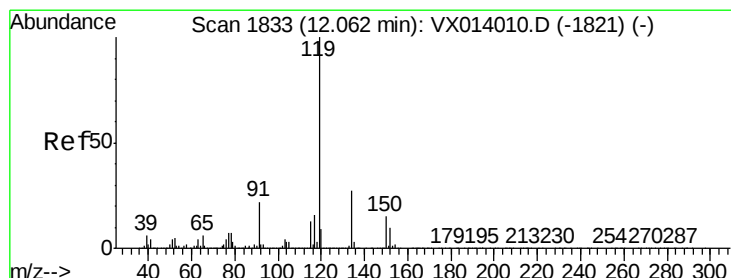
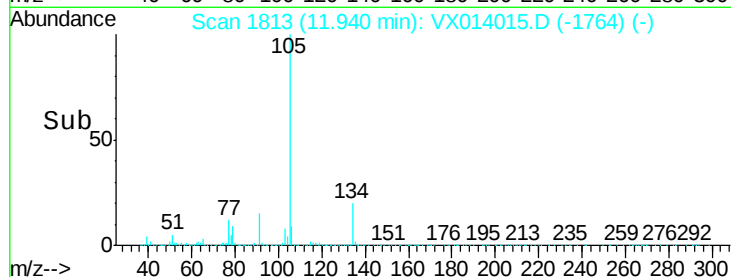
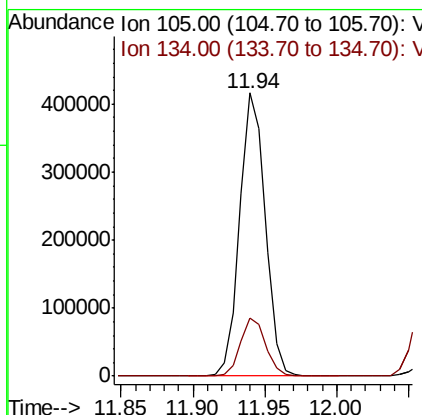
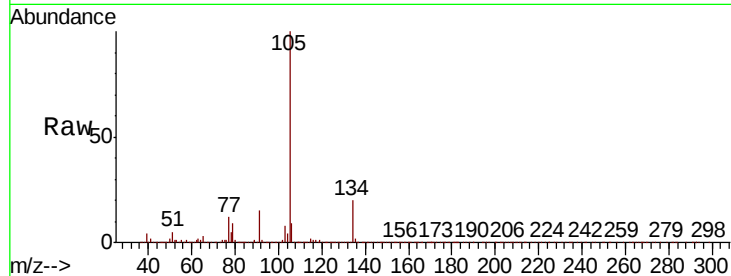




#85
 sec-Butylbenzene
 Concen: 19.569 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

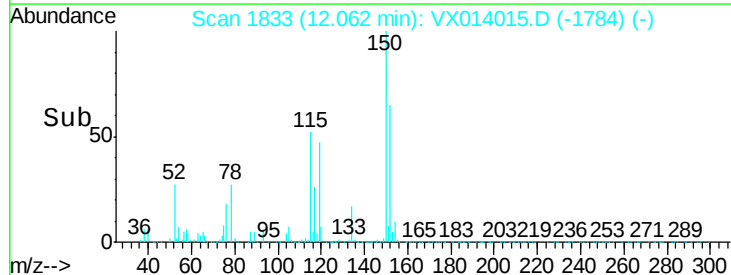
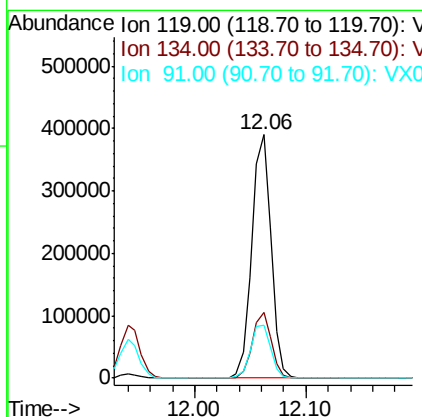
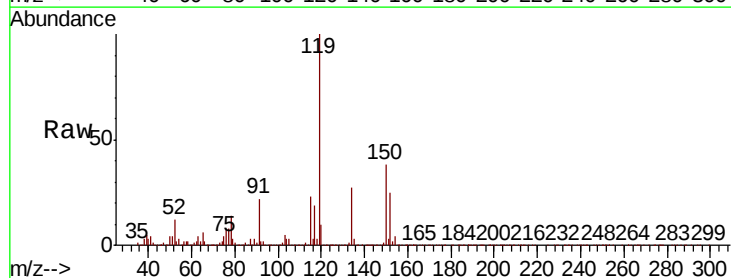
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

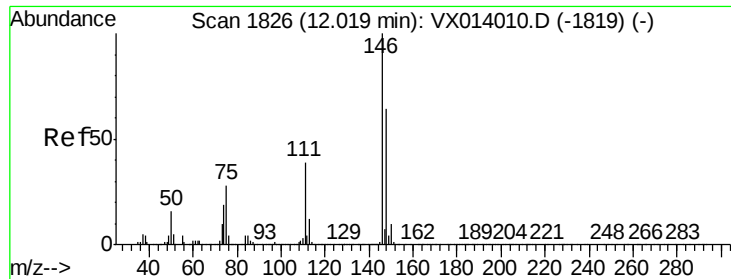
Tgt Ion:105 Resp: 512694
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.544 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

Tgt Ion:119 Resp: 468365
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 22.6 11.4 34.1

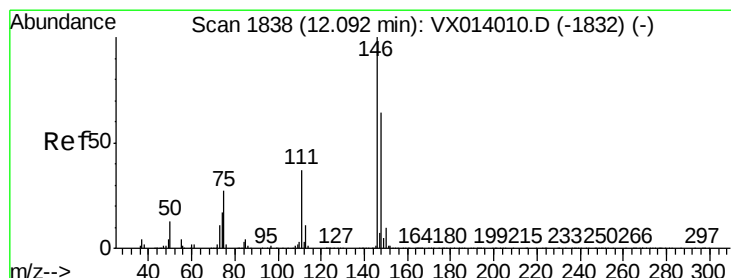
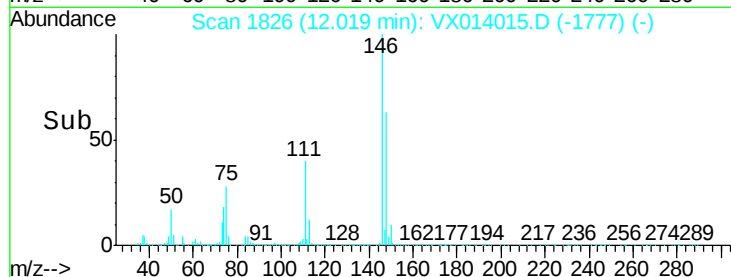
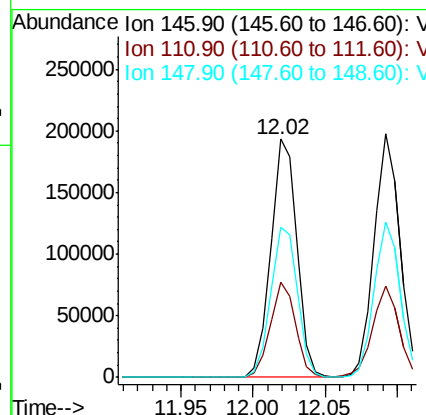
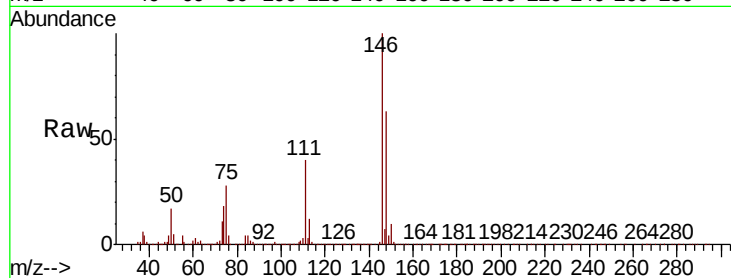




#87
 1,3-Dichlorobenzene
 Concen: 18.484 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

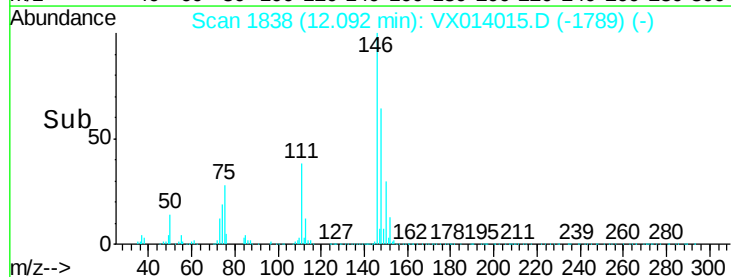
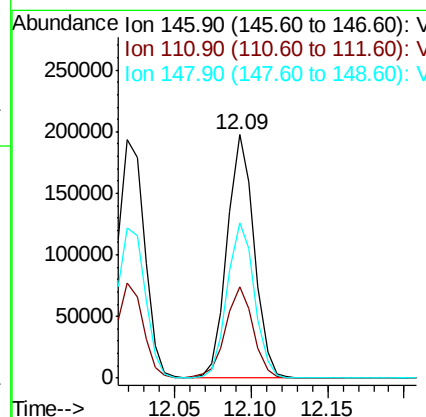
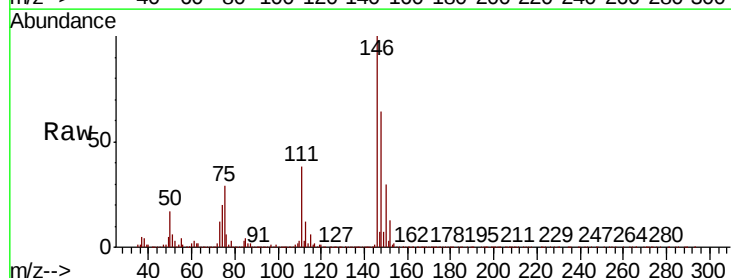
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

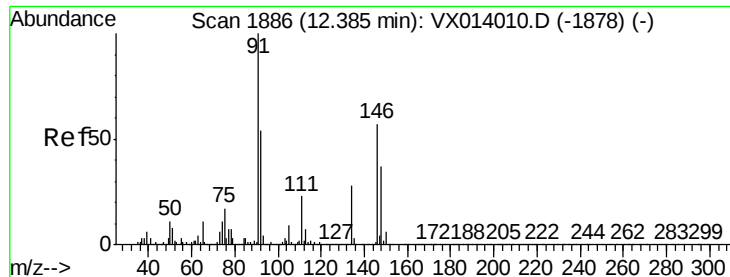
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.1
148	64.9	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 18.125 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	64.6	31.9	95.9

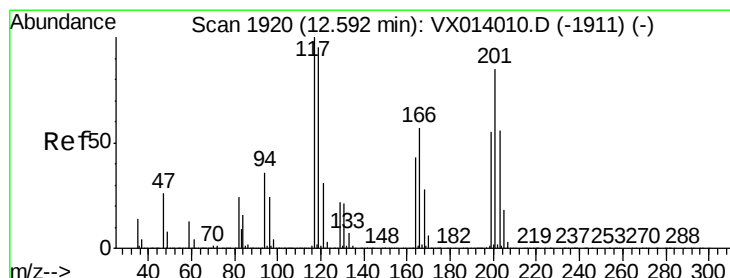
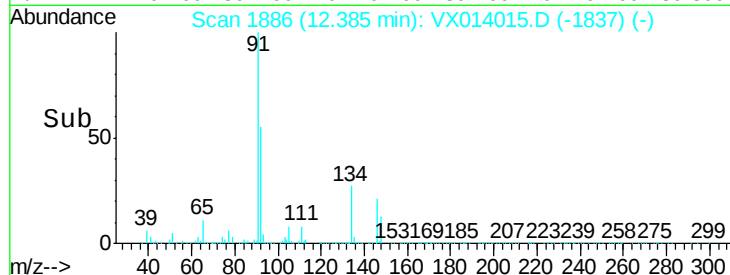
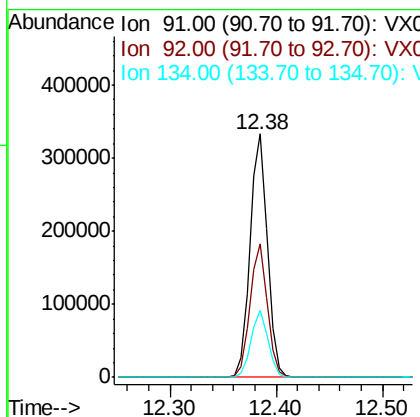
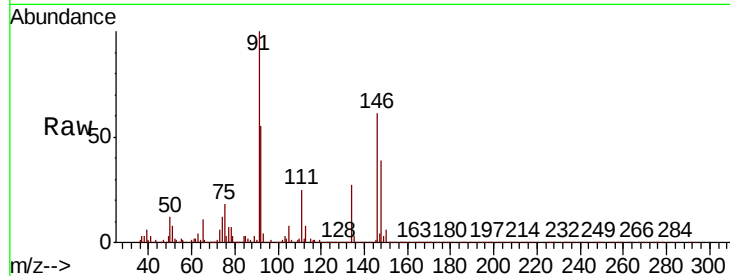




#89
n-Butylbenzene
Concen: 18.713 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

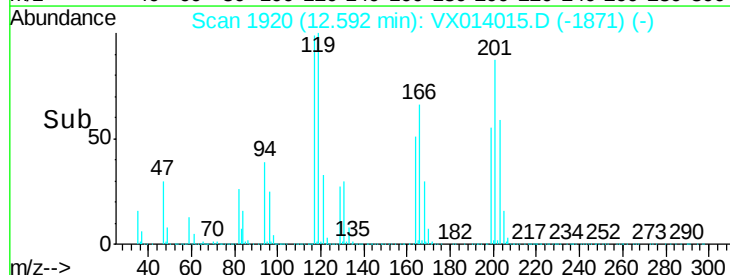
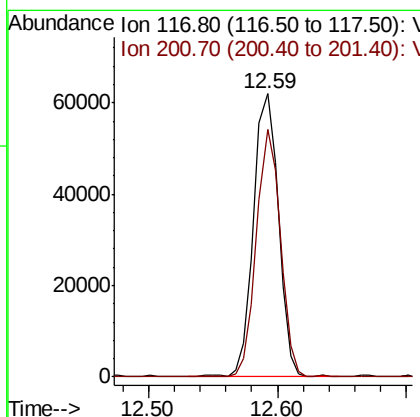
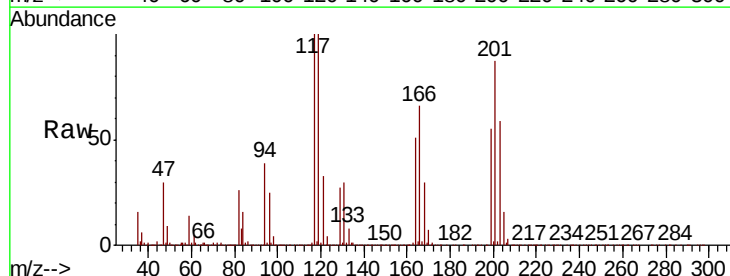
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

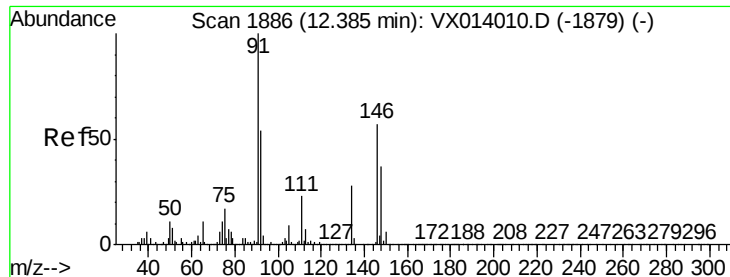
Tgt Ion: 91 Resp: 382659
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 26.9 13.4 40.1



#90
Hexachloroethane
Concen: 19.001 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion: 117 Resp: 81791
Ion Ratio Lower Upper
117 100
201 84.9 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 18.827 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

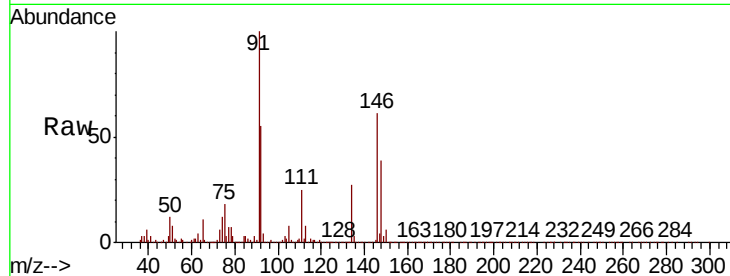
Tgt Ion:146 Resp: 247631

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

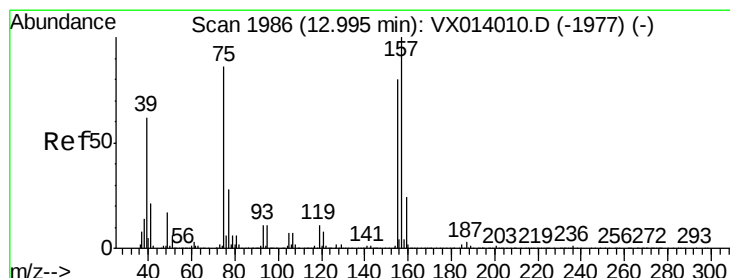
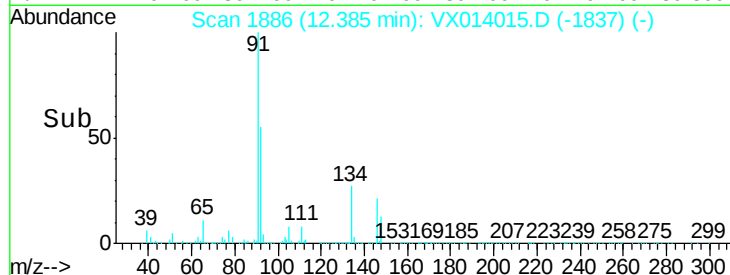
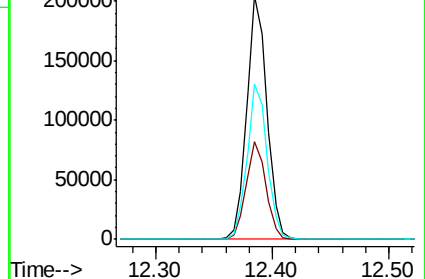
148 63.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.220 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014015.D

Acq: 13 Dec 2019 19:21

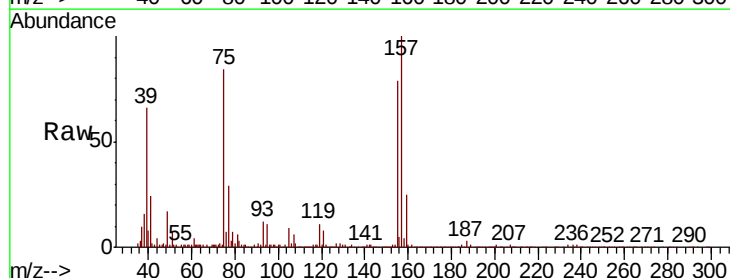
Tgt Ion: 75 Resp: 37876

Ion Ratio Lower Upper

75 100

155 96.1 46.9 140.6

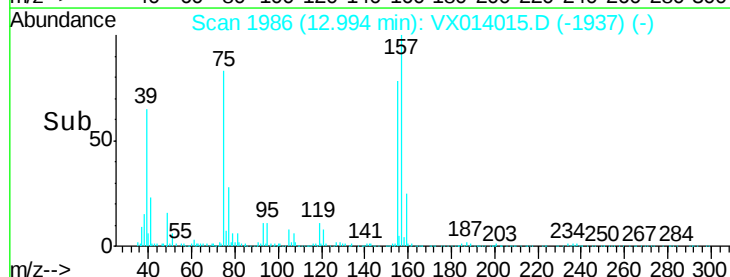
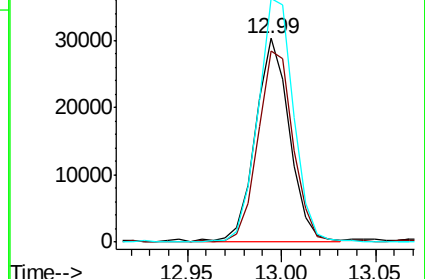
157 125.6 60.8 182.4

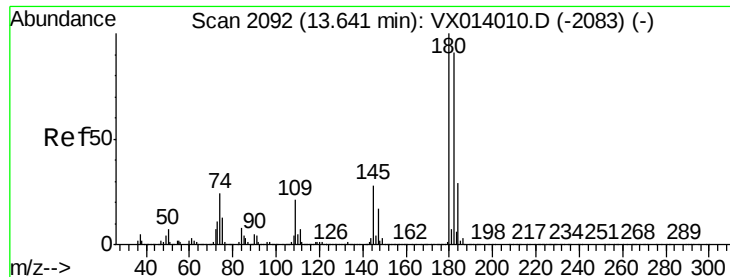


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

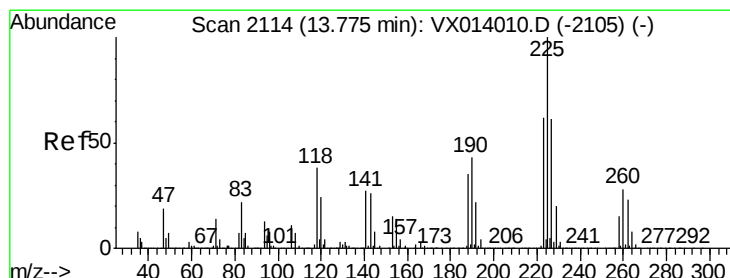
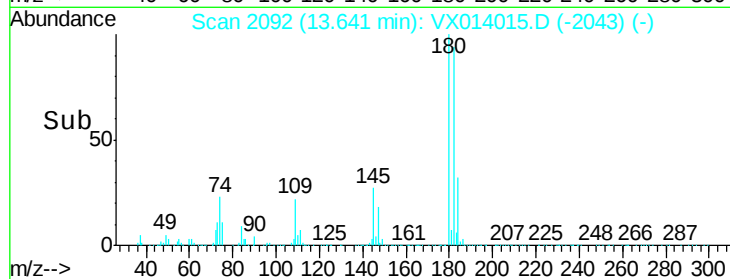
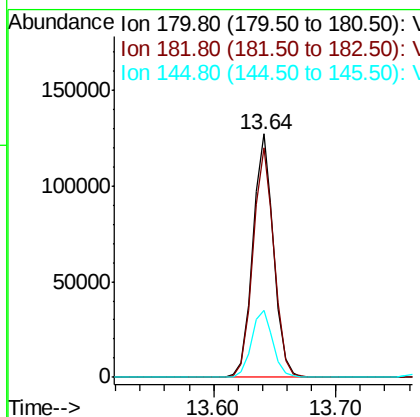
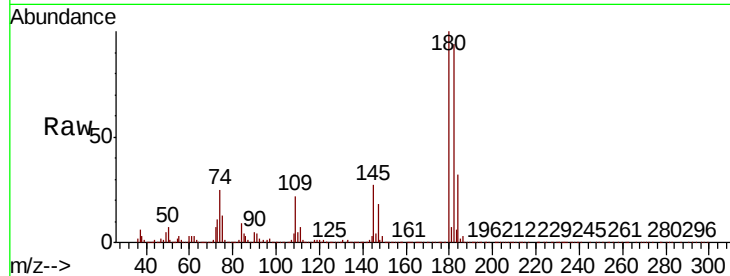




#93
 1,2,4-Trichlorobenzene
 Concen: 17.639 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

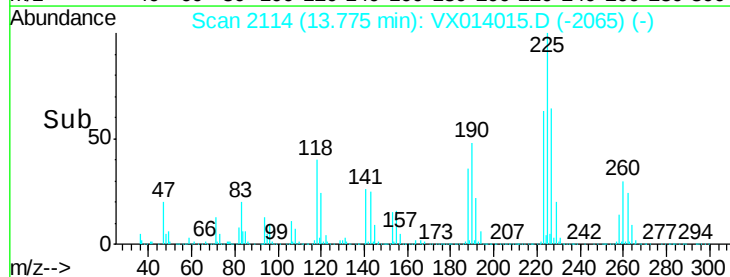
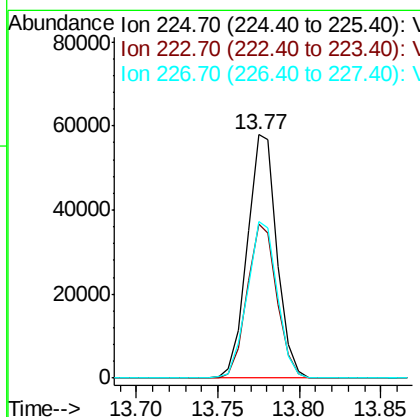
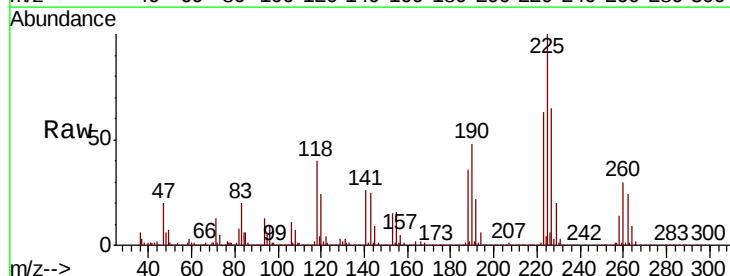
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

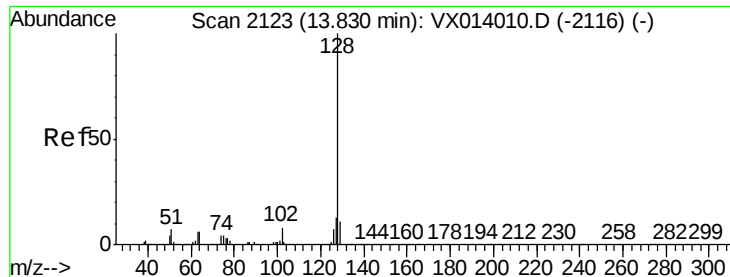
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.6	139.8
145	28.1	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 17.840 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014015.D
 Acq: 13 Dec 2019 19:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.9	92.5
227	65.3	30.9	92.7

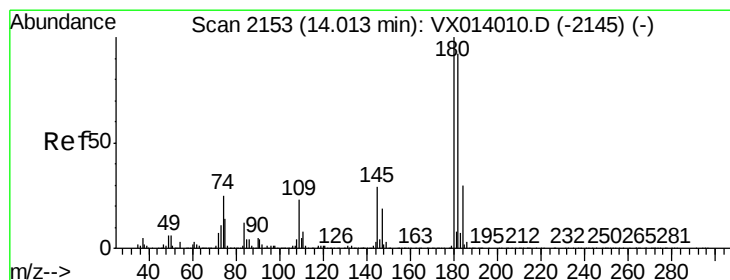
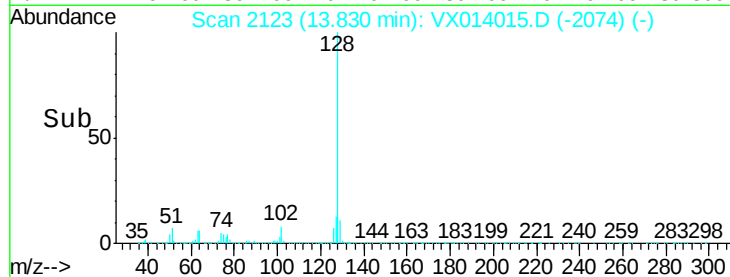
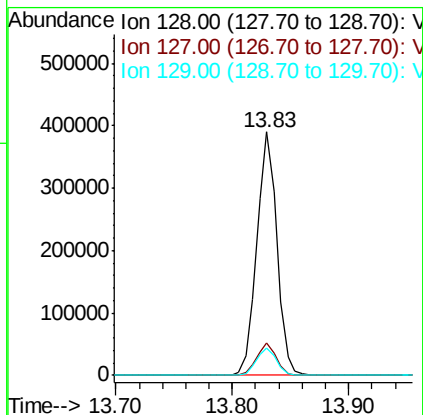
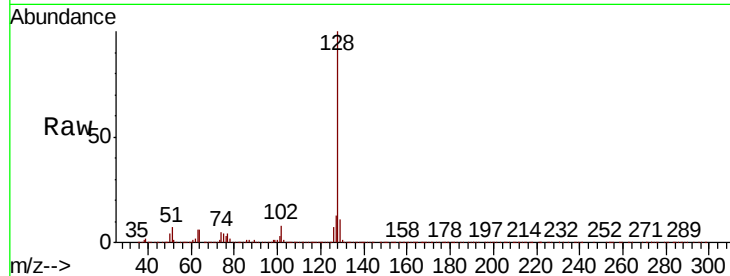




#95
Naphthalene
Concen: 18.775 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion:128 Resp: 471584
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.339 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014015.D
Acq: 13 Dec 2019 19:21

Tgt Ion:180 Resp: 154765
Ion Ratio Lower Upper
180 100
182 96.3 46.8 140.3
145 30.2 14.8 44.4

