

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022720\
 Data File : VX015037.D
 Acq On : 27 Feb 2020 11:06
 Operator : JC/SP
 Sample : VX0227WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD02

Quant Time: Feb 27 11:44:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	408872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	606775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	571345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	300023	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	224184	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.48	113	188044	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	712931	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	263084	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	66703	17.23	ug/l	99
3) Chloromethane	1.32	50	83673	19.06	ug/l	98
4) Vinyl Chloride	1.40	62	83017	17.55	ug/l	97
5) Bromomethane	1.64	94	51961	16.97	ug/l	92
6) Chloroethane	1.72	64	54414	17.98	ug/l	98
7) Trichlorofluoromethane	1.92	101	111723	16.91	ug/l	99
8) Diethyl Ether	2.18	74	52465	19.15	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70982	18.51	ug/l	99
10) Methyl Iodide	2.50	142	68446	18.98	ug/l	99
11) Tert butyl alcohol	3.02	59	84969	104.29	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66390	17.71	ug/l	96
13) Acrolein	2.28	56	47726	76.86	ug/l	98
14) Allyl chloride	2.72	41	122857	18.49	ug/l	95
15) Acrylonitrile	3.12	53	219837	106.44	ug/l	99
16) Acetone	2.43	43	223775	82.98	ug/l	97
17) Carbon Disulfide	2.56	76	164888	15.75	ug/l	99
18) Methyl Acetate	2.76	43	107470	23.12	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	242691	19.90	ug/l	100
20) Methylene Chloride	2.85	84	82886	18.67	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	74605	18.04	ug/l	96
22) Diisopropyl ether	3.84	45	259647	20.46	ug/l	98
23) Vinyl Acetate	3.80	43	1097070	104.87	ug/l	100
24) 1,1-Dichloroethane	3.69	63	135382	18.90	ug/l	99
25) 2-Butanone	4.65	43	315045	100.28	ug/l	99
26) 2,2-Dichloropropane	4.57	77	109567	17.75	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	88074	19.05	ug/l	99
28) Bromochloromethane	5.00	49	57696	20.78	ug/l	99
29) Tetrahydrofuran	5.11	42	194919	109.15	ug/l	98
30) Chloroform	5.19	83	138817	19.53	ug/l	95
31) Cyclohexane	5.57	56	115776	17.75	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	113566	18.27	ug/l	100
36) 1,1-Dichloropropene	5.79	75	99524	18.34	ug/l	98
37) Ethyl Acetate	4.81	43	120535	21.29	ug/l	99
38) Carbon Tetrachloride	5.77	117	95833	18.12	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	121034	17.83	ug/l	97
40) Benzene	6.13	78	310272	19.13	ug/l	100
41) Methacrylonitrile	5.02	41	63637	20.87	ug/l	98
42) 1,2-Dichloroethane	6.18	62	109874	18.75	ug/l	98
43) Isopropyl Acetate	6.43	43	187976	20.13	ug/l	98
44) Trichloroethene	7.20	130	87337	18.55	ug/l	99
45) 1,2-Dichloropropane	7.50	63	81632	19.74	ug/l	95
46) Dibromomethane	7.65	93	55643	19.68	ug/l	95
47) Bromodichloromethane	7.89	83	106534	19.01	ug/l	98
48) Methyl methacrylate	7.76	41	91914	20.00	ug/l	98
49) 1,4-Dioxane	7.73	88	39239	456.65	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	605766	107.43	ug/l	100
52) Toluene	8.78	92	196819	19.11	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	115582	18.81	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	130196	19.18	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	83433	20.02	ug/l	99
56) Ethyl methacrylate	9.17	69	126082	20.13	ug/l	99
57) 1,3-Dichloropropane	9.36	76	140358	20.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	332908	101.63	ug/l	99
59) 2-Hexanone	9.48	43	462081	104.25	ug/l	99
60) Dibromochloromethane	9.57	129	88153	19.66	ug/l	98
61) 1,2-Dibromoethane	9.67	107	85912	19.11	ug/l	99
64) Tetrachloroethene	9.33	164	87844	16.44	ug/l	97
65) Chlorobenzene	10.13	112	218236	18.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	81687	19.42	ug/l	98
67) Ethyl Benzene	10.25	91	373912	18.97	ug/l	98
68) m/p-Xylenes	10.36	106	288574	38.01	ug/l	98
69) o-Xylene	10.69	106	135216	18.53	ug/l	99
70) Styrene	10.71	104	236268	19.14	ug/l	99
71) Bromoform	10.85	173	66318	18.89	ug/l #	98
73) Isopropylbenzene	11.01	105	367801	19.55	ug/l	100
74) N-amyl acetate	10.89	43	158078	20.22	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	128371	20.87	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	143884	26.52	ug/l	93
77) Bromobenzene	11.25	156	101182	19.27	ug/l	99
78) n-propylbenzene	11.35	91	428694	19.70	ug/l	99
79) 2-Chlorotoluene	11.42	91	248968	19.46	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	311057	19.79	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	40500	19.11	ug/l	96
82) 4-Chlorotoluene	11.51	91	292925	19.33	ug/l	99
83) tert-Butylbenzene	11.76	119	296005	19.88	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	313727	19.80	ug/l	100
85) sec-Butylbenzene	11.94	105	367629	19.88	ug/l	98
86) p-Isopropyltoluene	12.06	119	335222	19.37	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	180307	19.14	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	180414	18.75	ug/l	99
89) n-Butylbenzene	12.39	91	294476	19.00	ug/l	99
90) Hexachloroethane	12.59	117	56703	18.76	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	176369	19.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26890	18.64	ug/l	98

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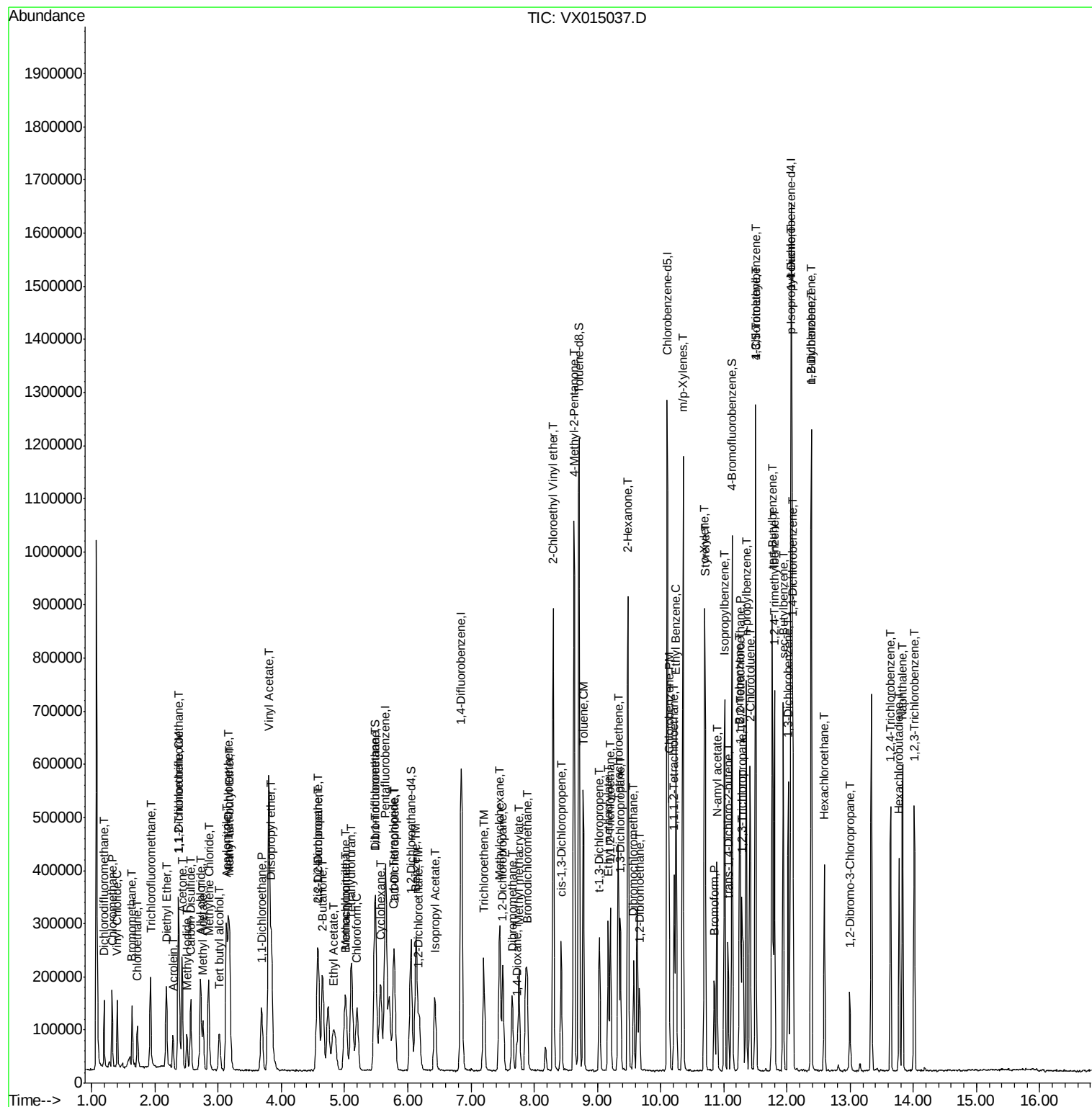
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	129880	19.05	ug/l	96
94) Hexachlorobutadiene	13.78	225	63548	19.27	ug/l	98
95) Naphthalene	13.83	128	361829	19.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	128776	19.55	ug/l	99

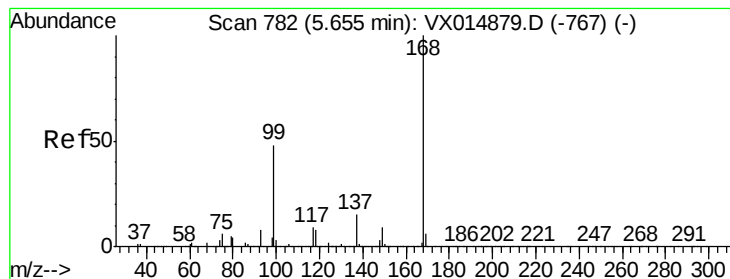
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX022720\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

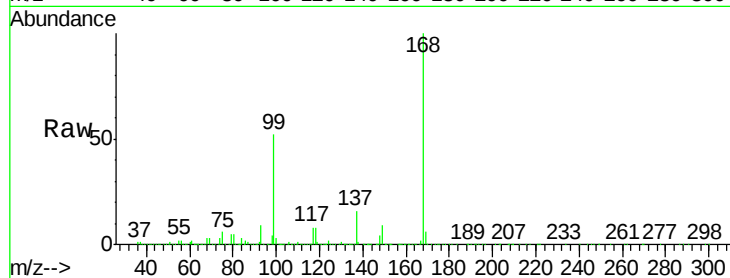
VX0227WBSD02

Tgt Ion:168 Resp: 408872

Ion Ratio Lower Upper

168 100

99 51.8 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

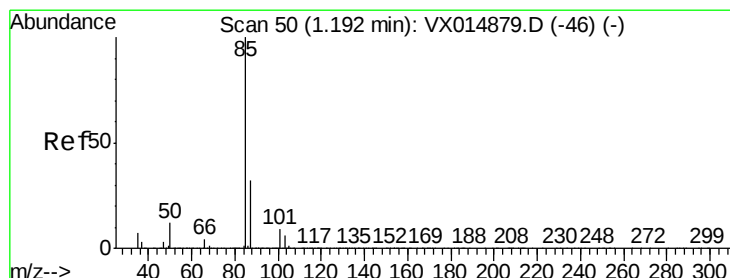
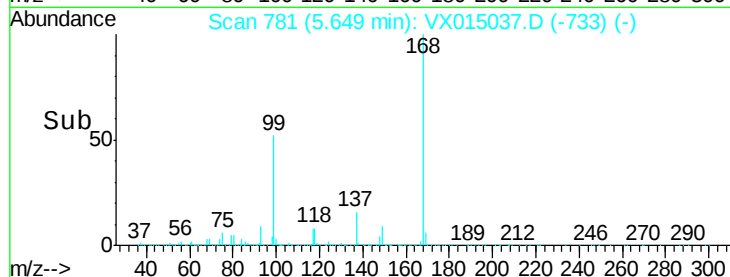
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.23 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015037.D

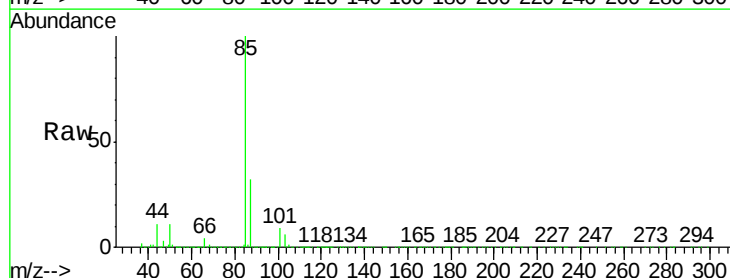
Acq: 27 Feb 2020 11:06

Tgt Ion: 85 Resp: 66703

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

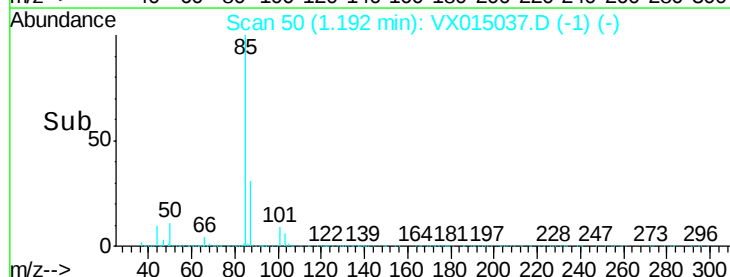
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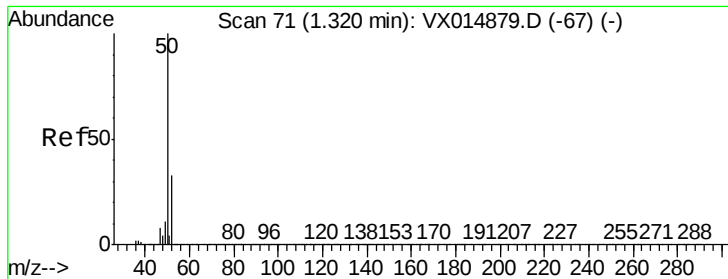
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0

1.15 1.20 1.25 1.30

Time-->

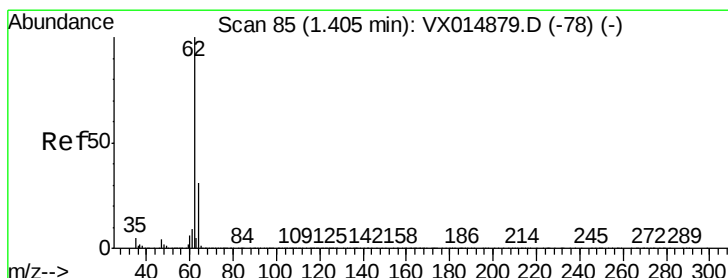
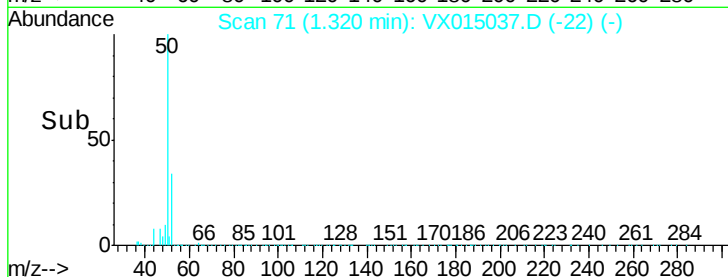
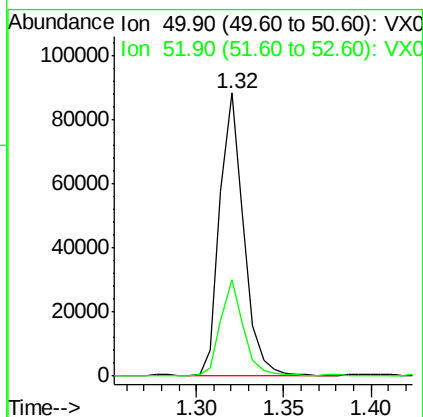
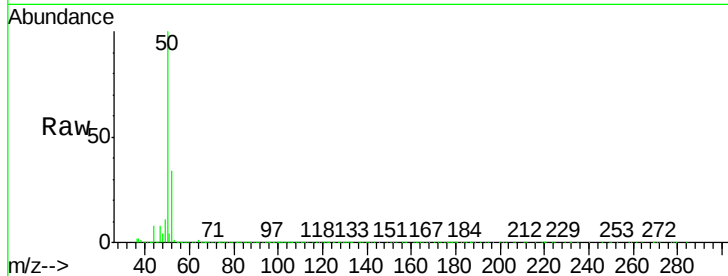




#3
Chloromethane
Concen: 19.06 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

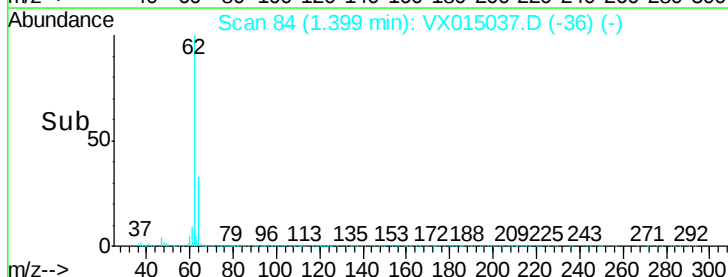
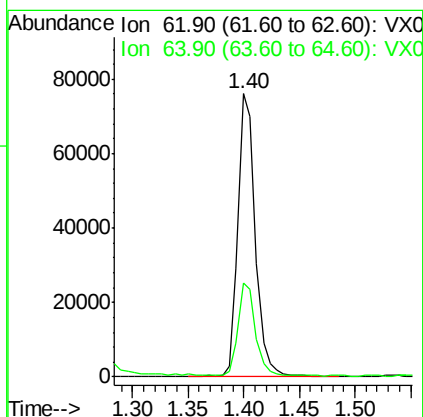
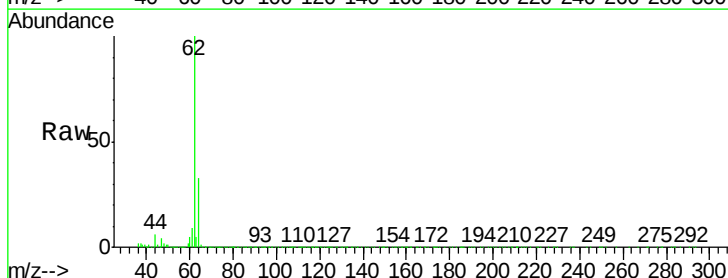
Instrument :
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ClientSampleId :
VX0227WBSD02

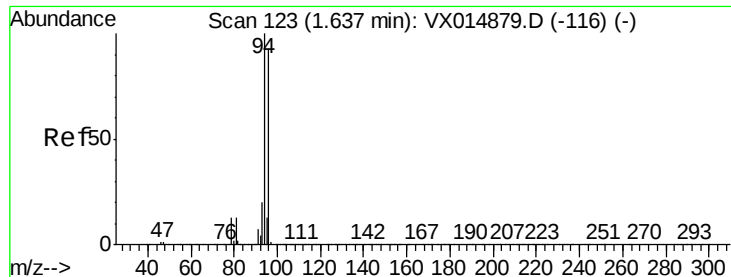
Tgt Ion: 50 Resp: 83673
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.2



#4
Vinyl Chloride
Concen: 17.55 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 62 Resp: 83017
Ion Ratio Lower Upper
62 100
64 32.8 24.8 37.2





#5

Bromomethane

Concen: 16.97 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

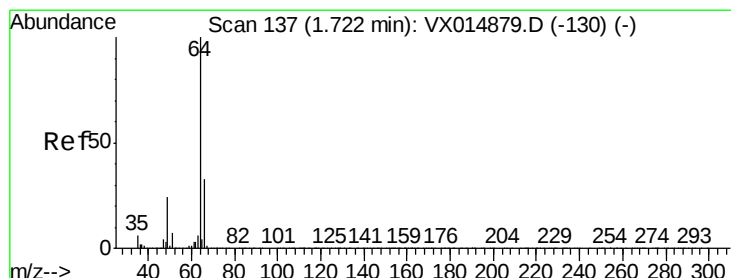
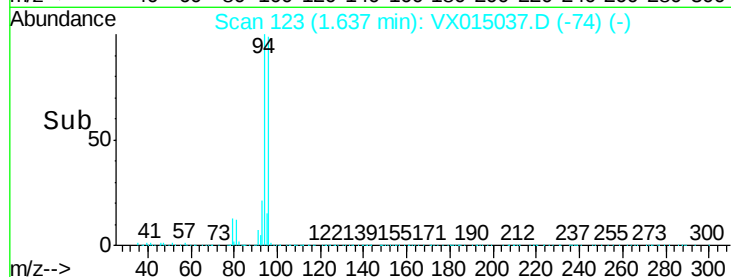
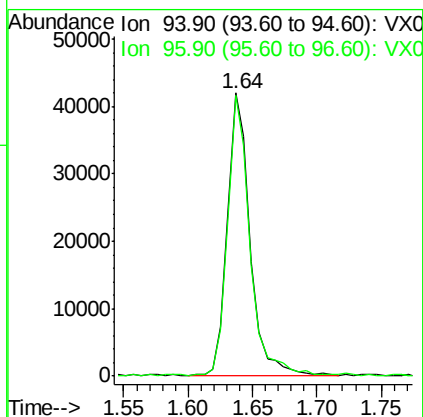
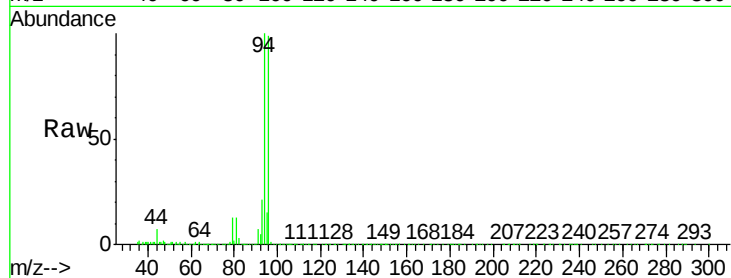
VX0227WBSD02

Tgt Ion: 94 Resp: 51961

Ion Ratio Lower Upper

94 100

96 99.3 73.7 110.5



#6

Chloroethane

Concen: 17.98 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015037.D

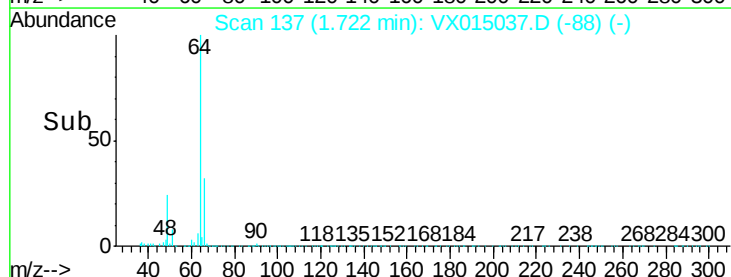
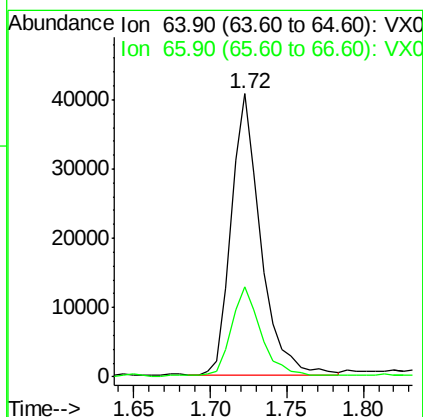
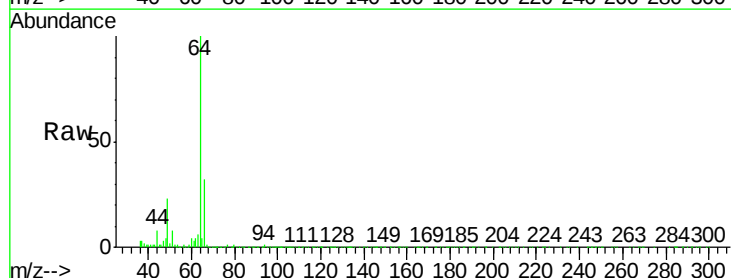
Acq: 27 Feb 2020 11:06

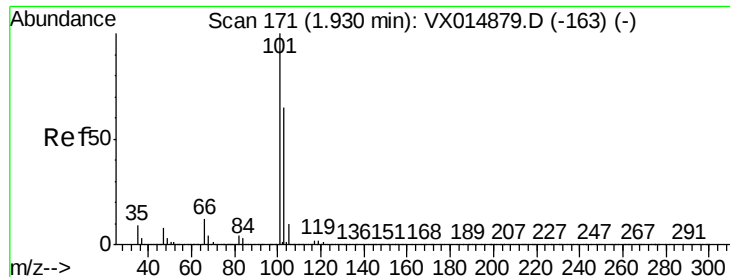
Tgt Ion: 64 Resp: 54414

Ion Ratio Lower Upper

64 100

66 31.4 26.2 39.4



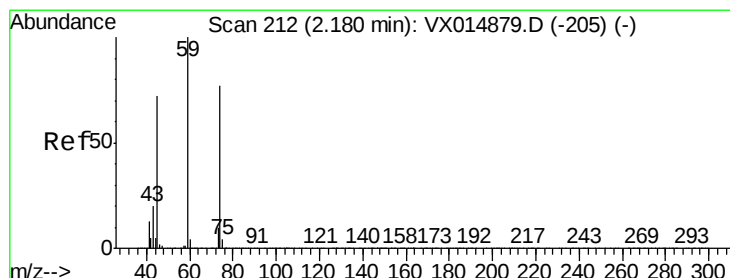
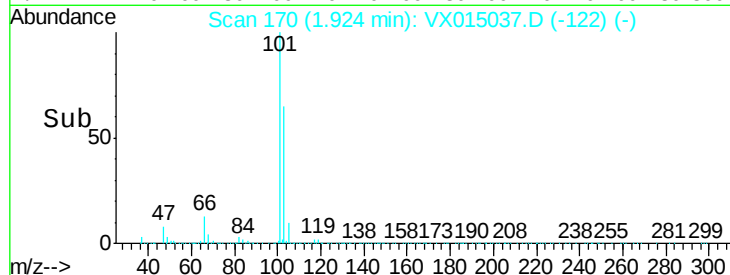
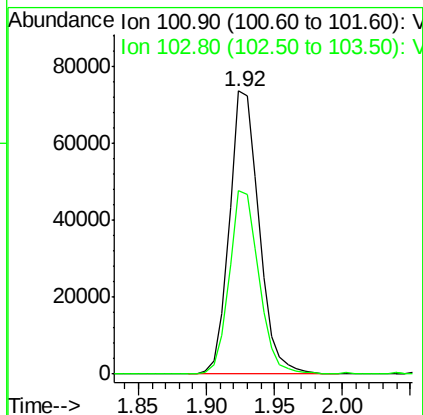
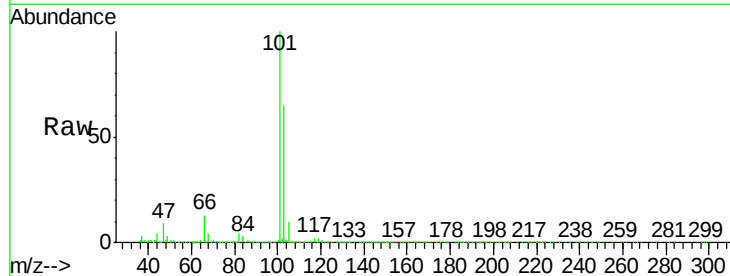


#7

Trichlorofluoromethane
 Concen: 16.91 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

Instrument :
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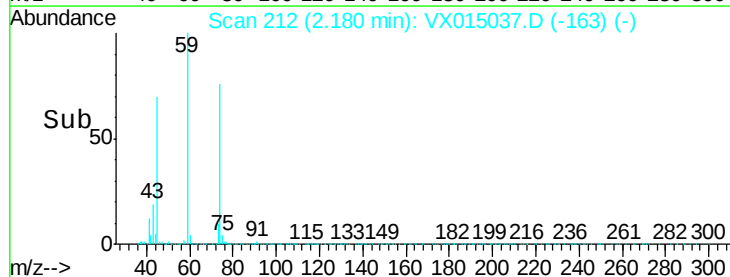
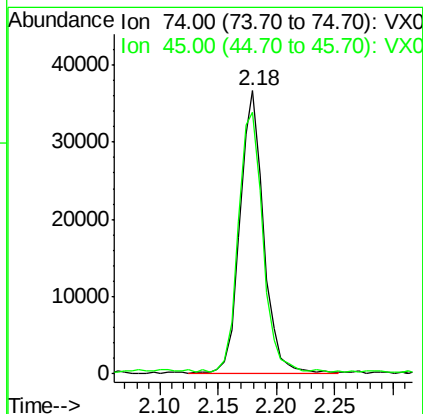
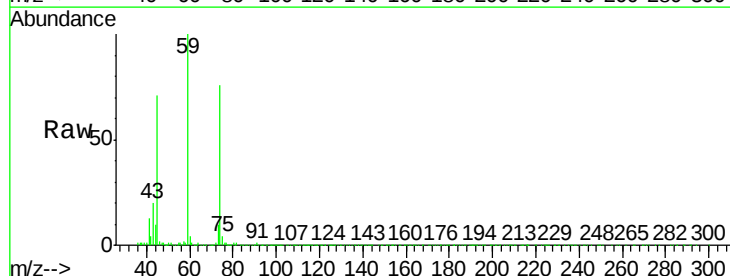
Tgt Ion:101 Resp: 111723
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.4

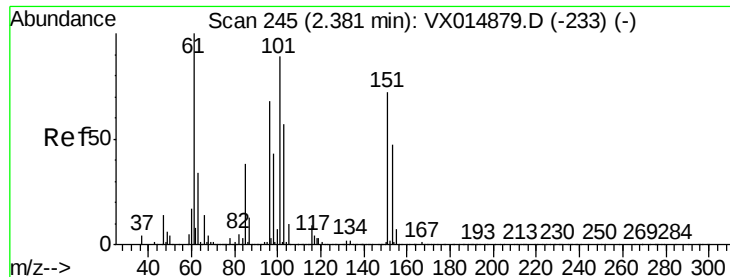


#8

Diethyl Ether
 Concen: 19.15 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

Tgt Ion: 74 Resp: 52465
 Ion Ratio Lower Upper
 74 100
 45 94.7 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.51 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

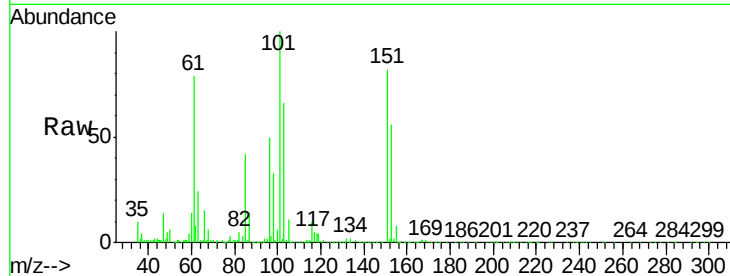
Tgt Ion:101 Resp: 70982

Ion Ratio Lower Upper

101 100

85 42.5 34.1 51.1

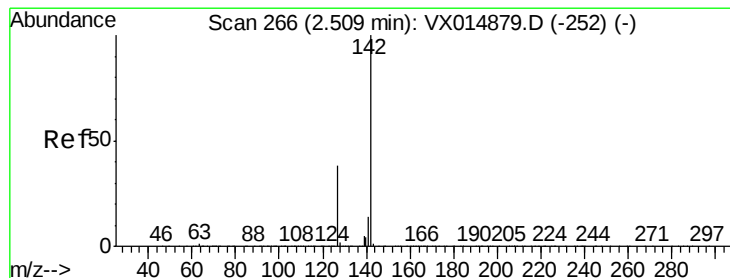
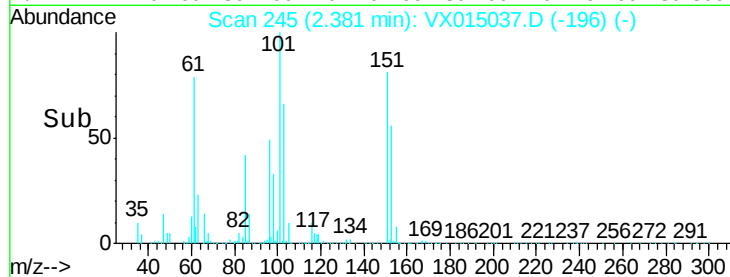
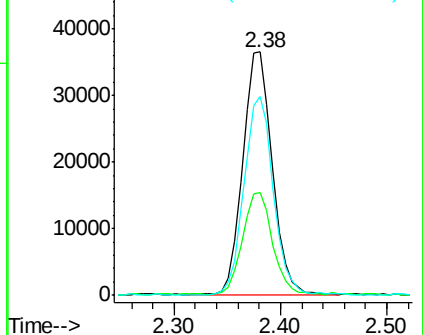
151 82.8 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.98 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

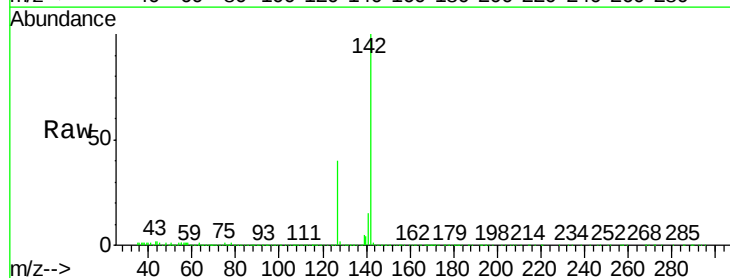
Tgt Ion:142 Resp: 68446

Ion Ratio Lower Upper

142 100

127 39.1 31.1 46.7

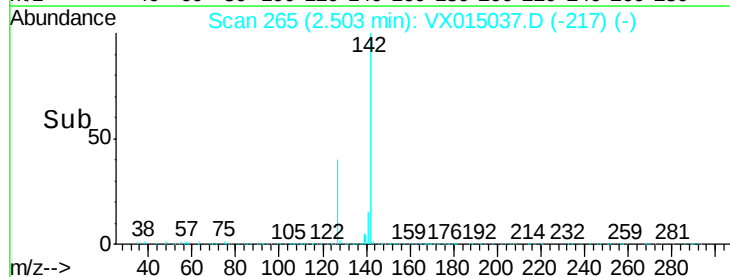
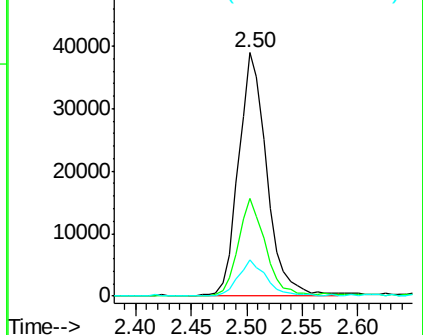
141 15.0 11.3 16.9

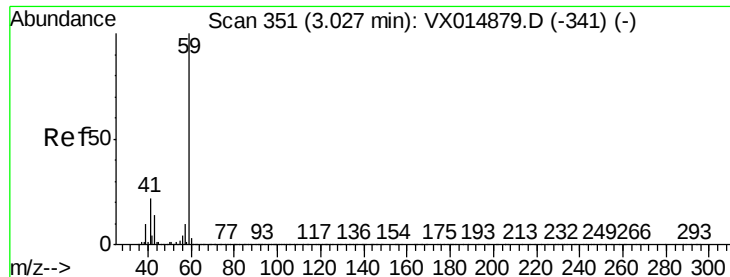


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



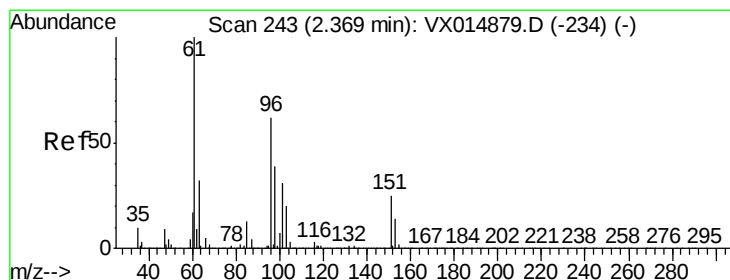
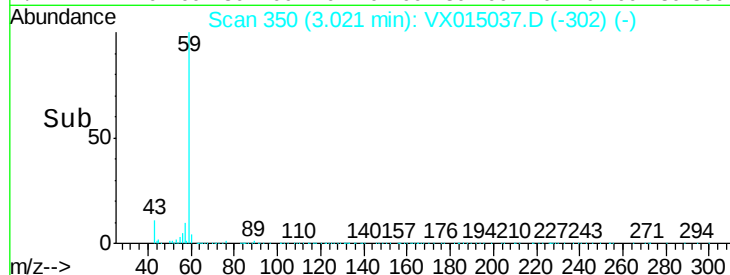
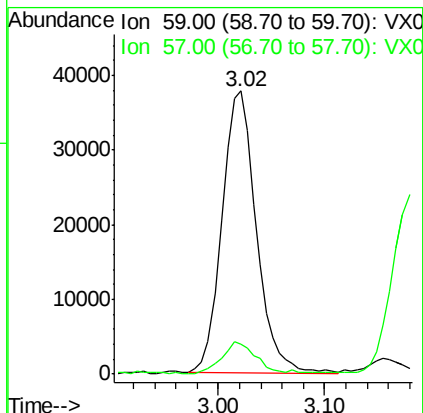
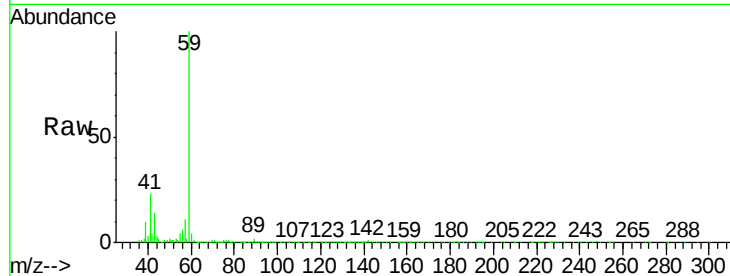


#11

Tert butyl alcohol
Concen: 104.29 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD02

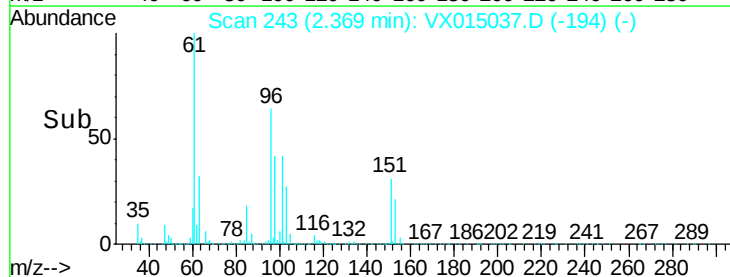
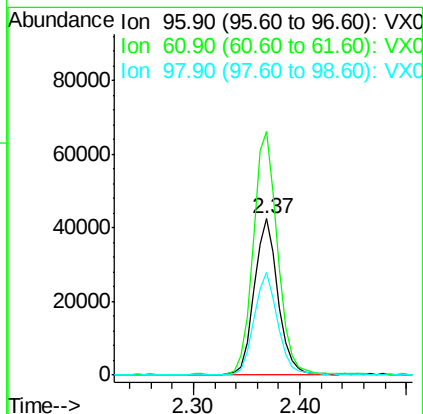
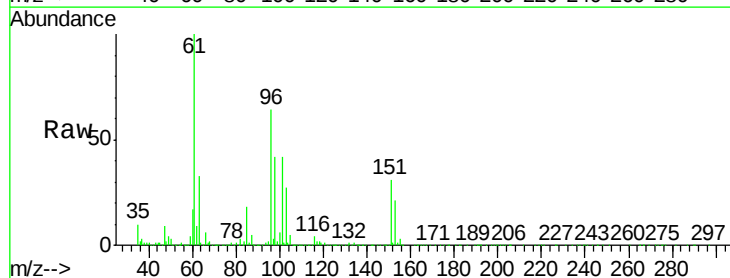
Tgt Ion: 59 Resp: 84969
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

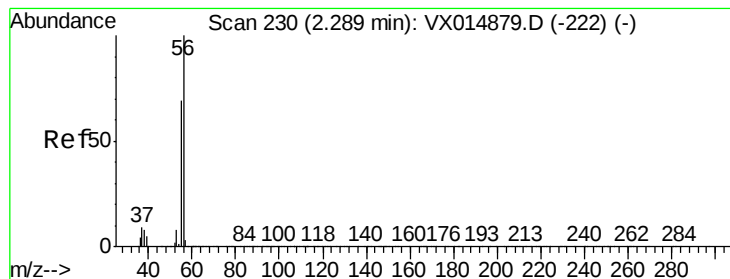


#12

1,1-Dichloroethene
Concen: 17.71 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 96 Resp: 66390
Ion Ratio Lower Upper
96 100
61 155.7 129.5 194.3
98 65.7 50.6 76.0





#13

Acrolein

Concen: 76.86 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

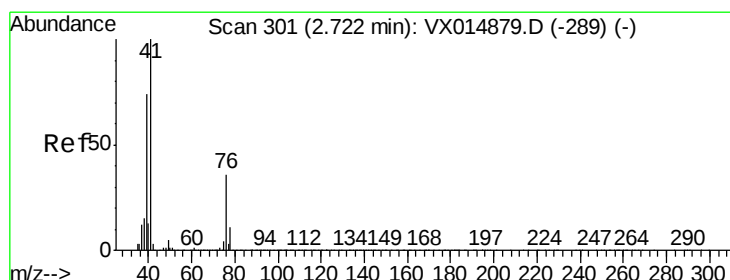
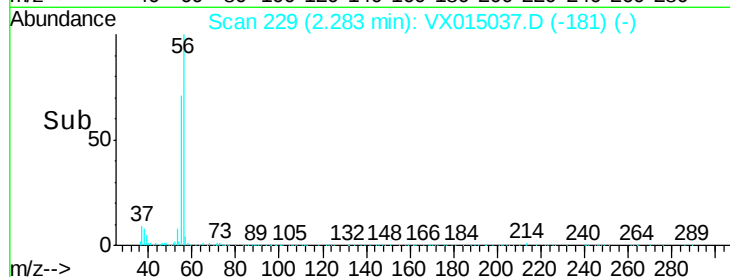
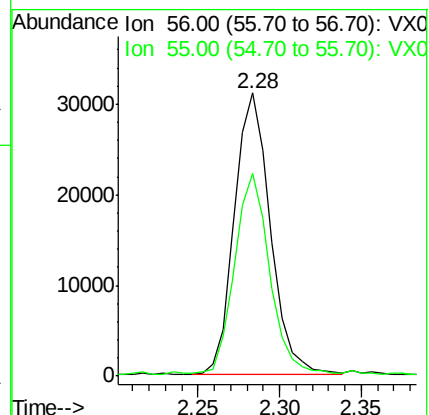
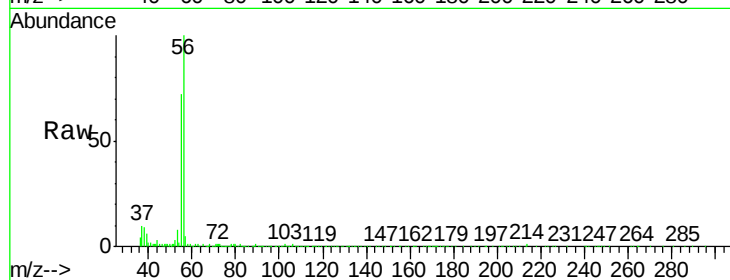
VX0227WBSD02

Tgt Ion: 56 Resp: 47726

Ion Ratio Lower Upper

56 100

55 70.6 55.0 82.4



#14

Allyl chloride

Concen: 18.49 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

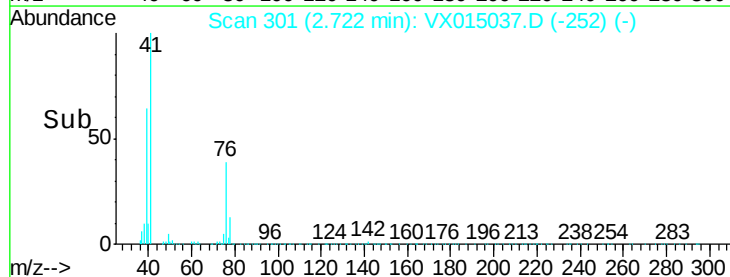
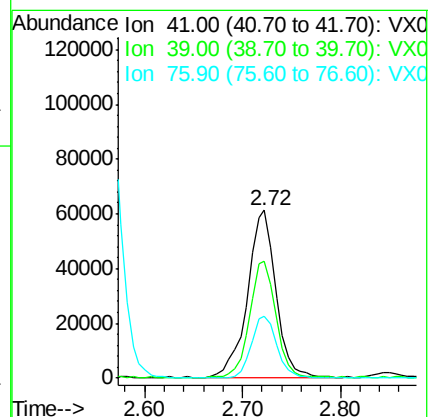
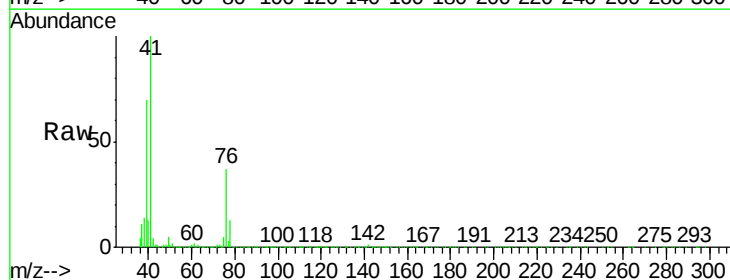
Tgt Ion: 41 Resp: 122857

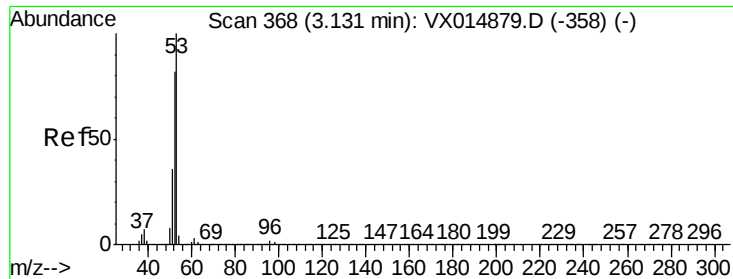
Ion Ratio Lower Upper

41 100

39 63.9 55.2 82.8

76 32.9 26.8 40.2





#15

Acrylonitrile

Concen: 106.44 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

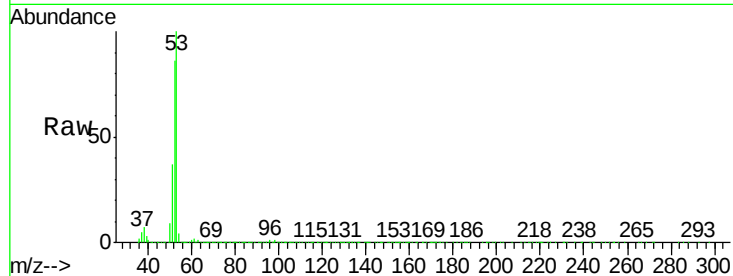
Tgt Ion: 53 Resp: 219837

Ion Ratio Lower Upper

53 100

52 83.4 65.8 98.6

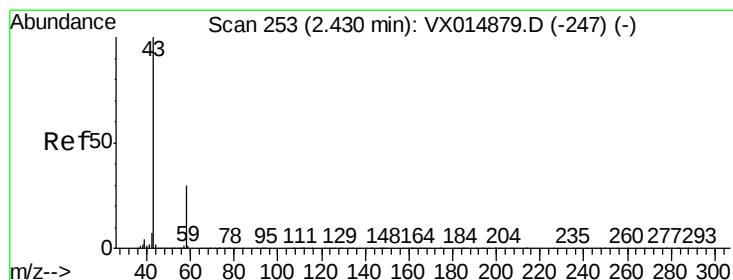
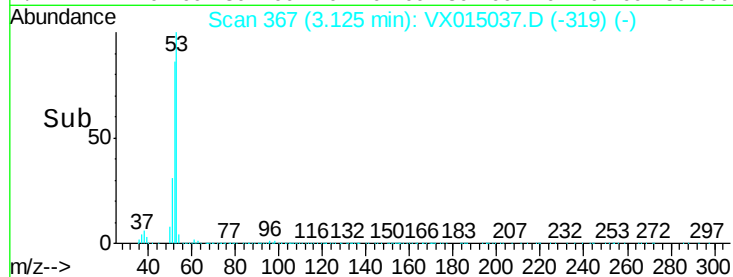
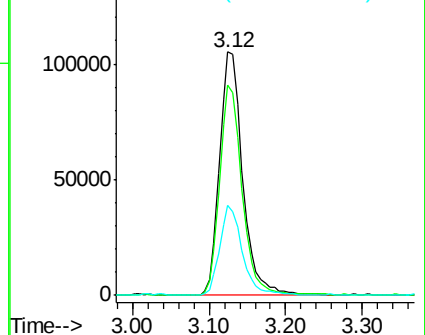
51 36.3 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 82.98 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015037.D

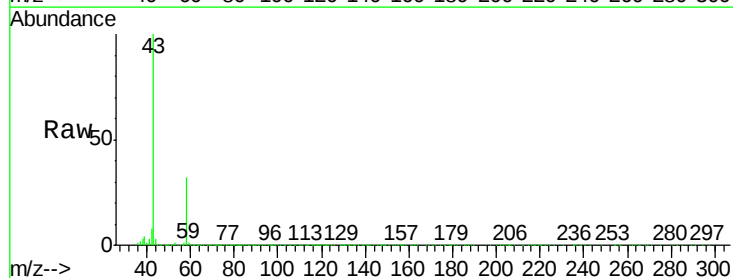
Acq: 27 Feb 2020 11:06

Tgt Ion: 43 Resp: 223775

Ion Ratio Lower Upper

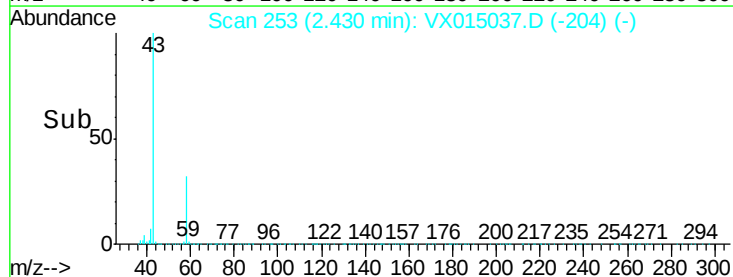
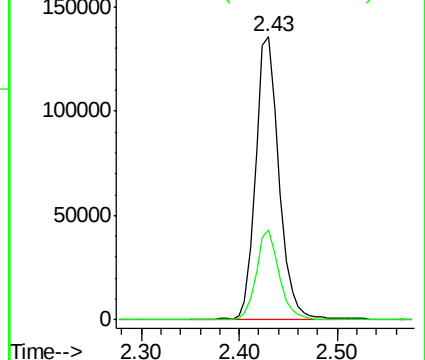
43 100

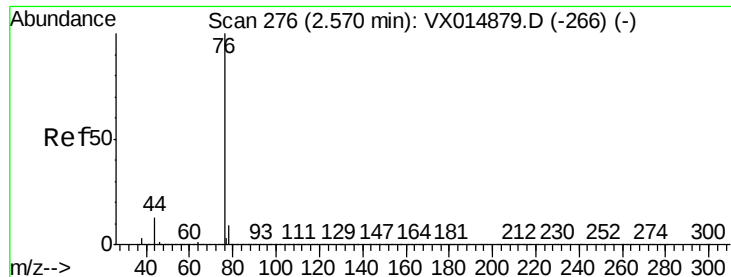
58 31.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

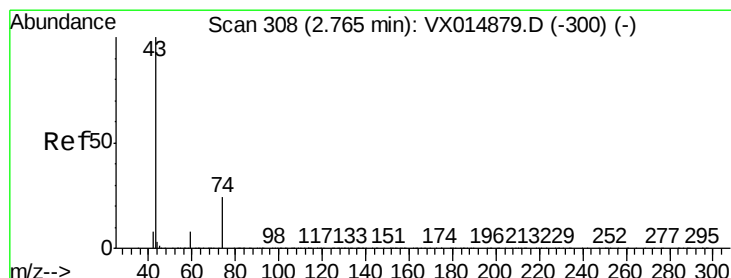
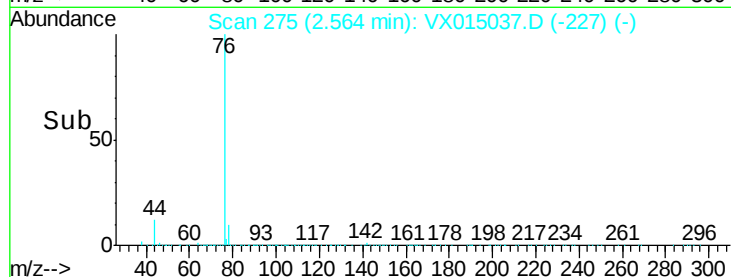
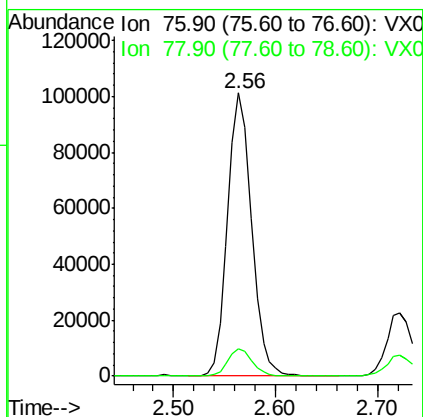
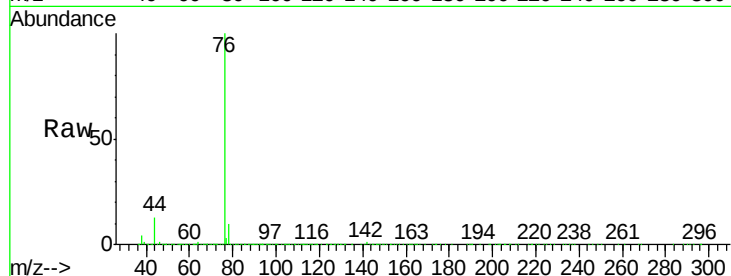




#17
Carbon Disulfide
Concen: 15.75 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

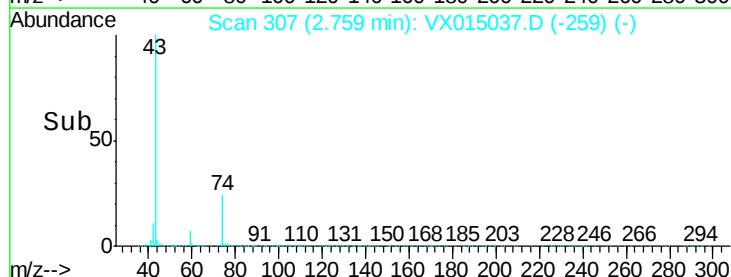
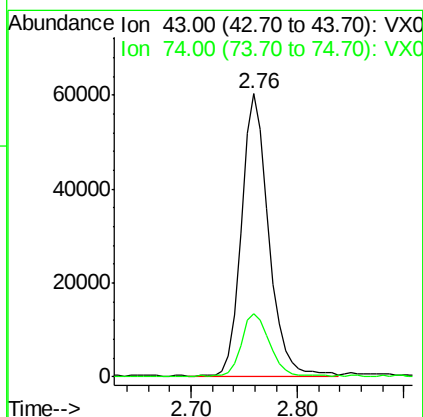
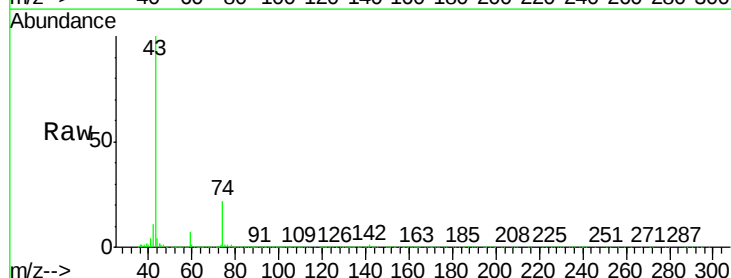
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD02

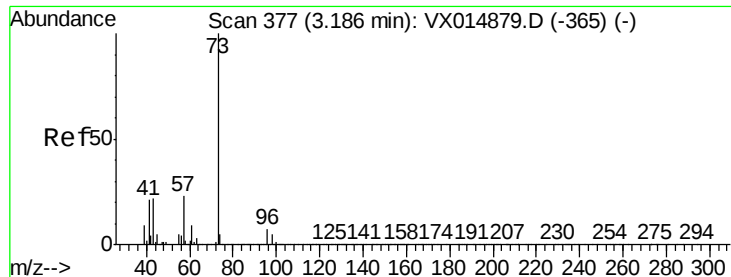
Tgt Ion: 76 Resp: 164888
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 23.12 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 43 Resp: 107470
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 19.90 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

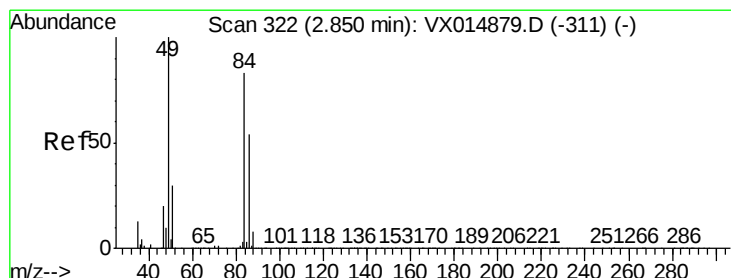
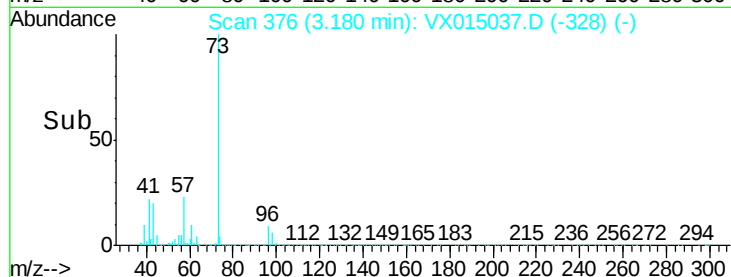
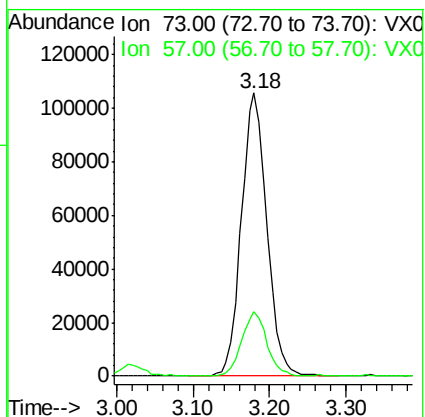
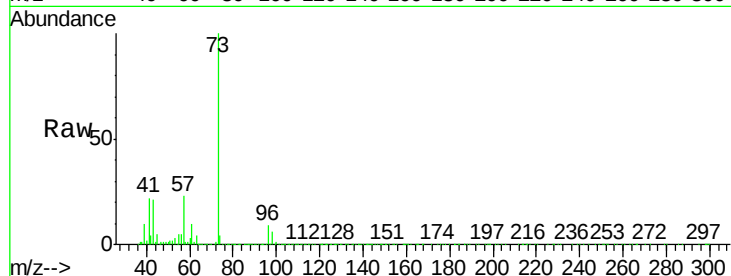
VX0227WBSD02

Tgt Ion: 73 Resp: 242691

Ion Ratio Lower Upper

73 100

57 22.6 18.2 27.4



#20

Methylene Chloride

Concen: 18.67 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Tgt Ion: 84 Resp: 82886

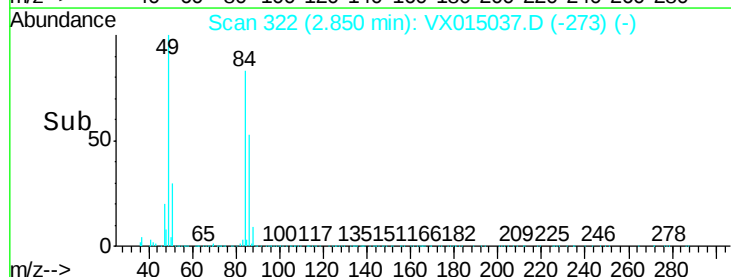
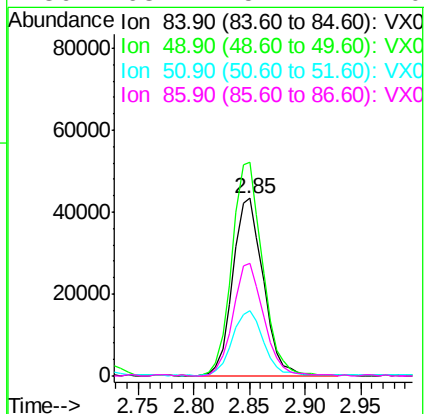
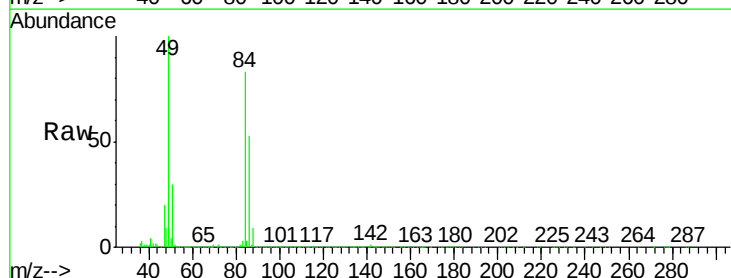
Ion Ratio Lower Upper

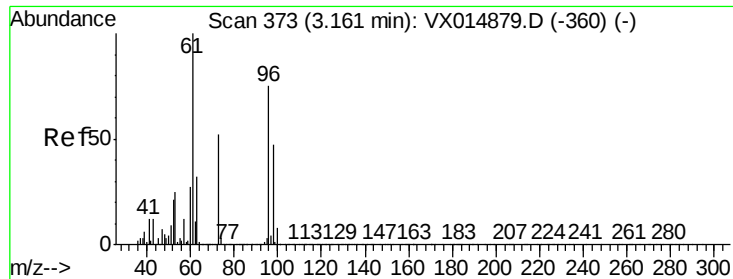
84 100

49 119.7 95.6 143.4

51 36.2 29.0 43.6

86 63.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.04 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

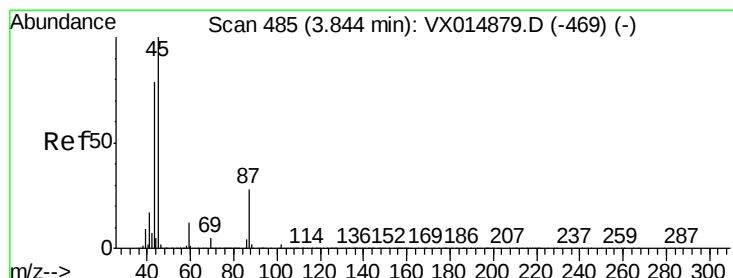
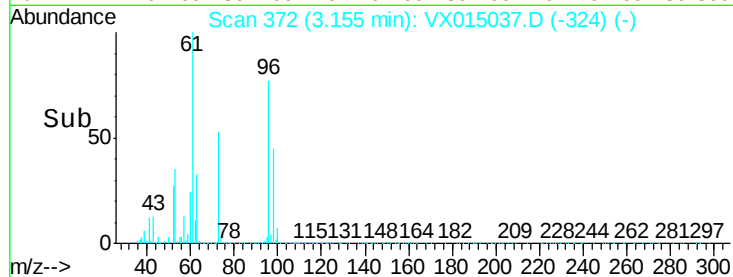
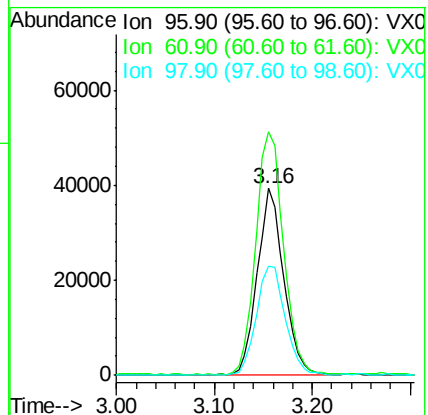
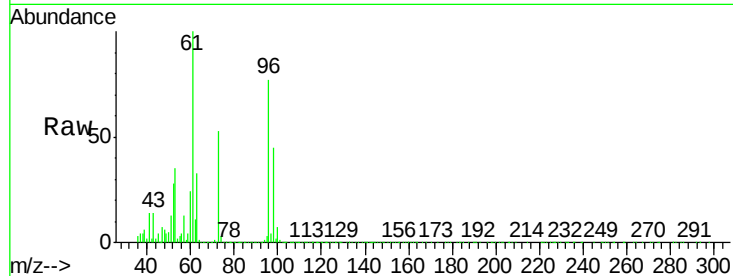
Tgt Ion: 96 Resp: 74605

Ion Ratio Lower Upper

96 100

61 130.0 106.9 160.3

98 58.6 50.7 76.1



#22

Diisopropyl ether

Concen: 20.46 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Tgt Ion: 45 Resp: 259647

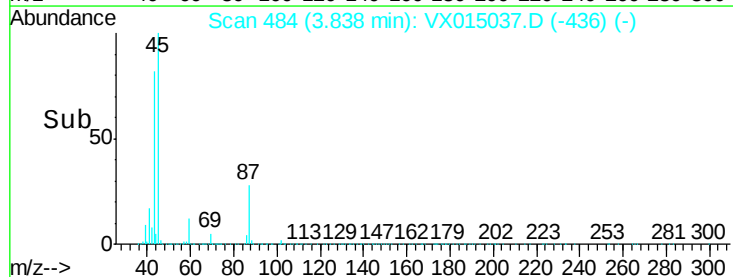
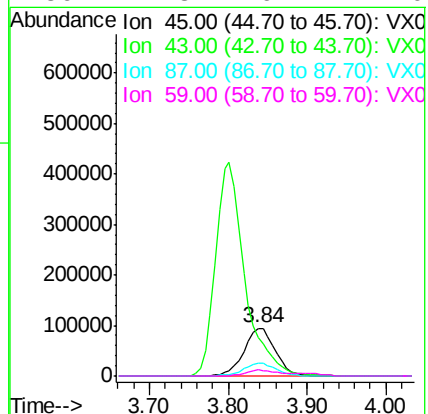
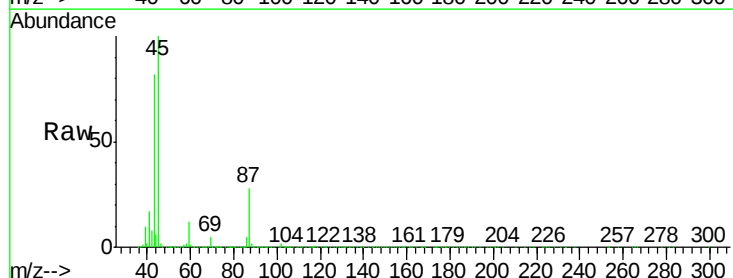
Ion Ratio Lower Upper

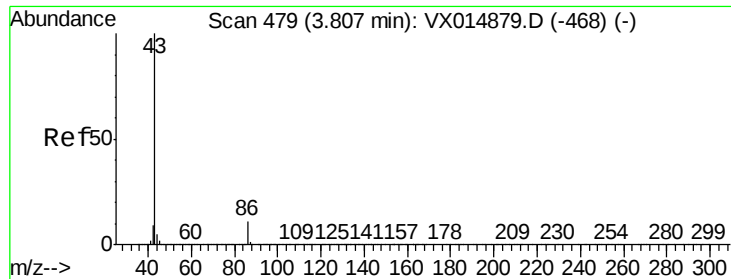
45 100

43 81.1 63.5 95.3

87 28.0 22.2 33.4

59 12.3 9.4 14.0





#23

Vinyl Acetate

Concen: 104.87 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

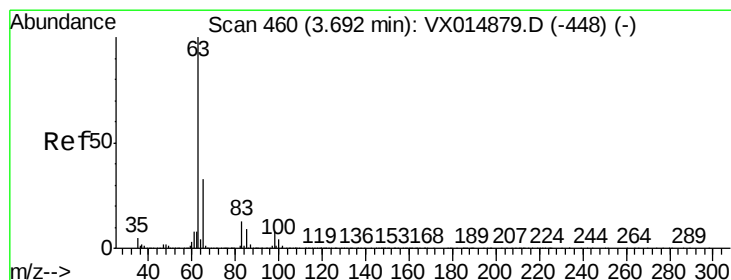
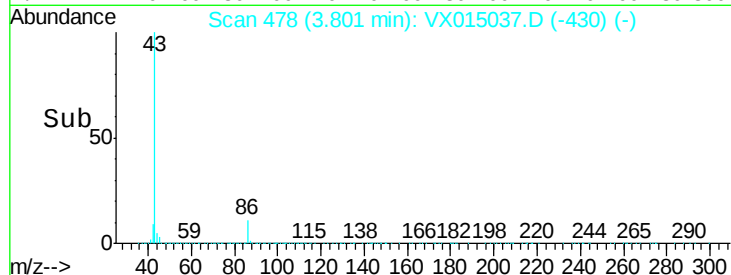
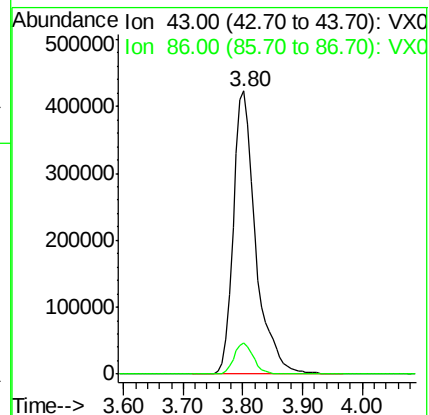
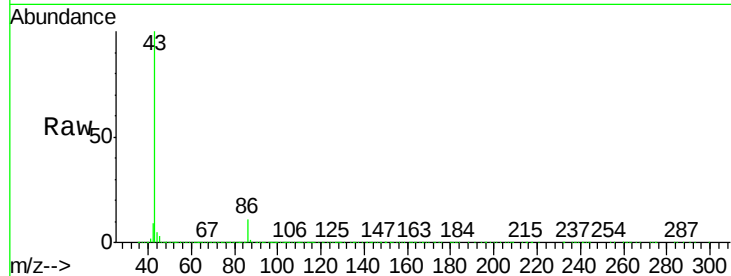
VX0227WBSD02

Tgt Ion: 43 Resp: 1097070

Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3



#24

1,1-Dichloroethane

Concen: 18.90 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

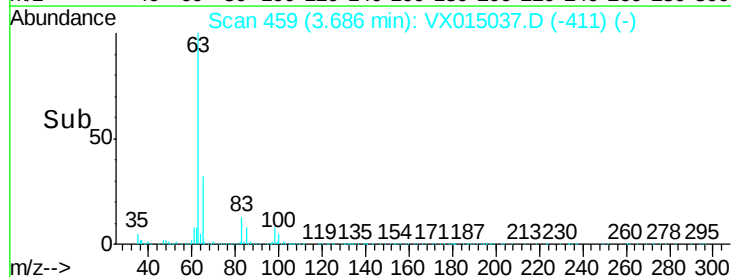
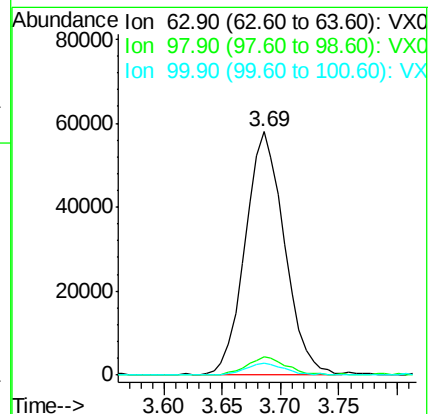
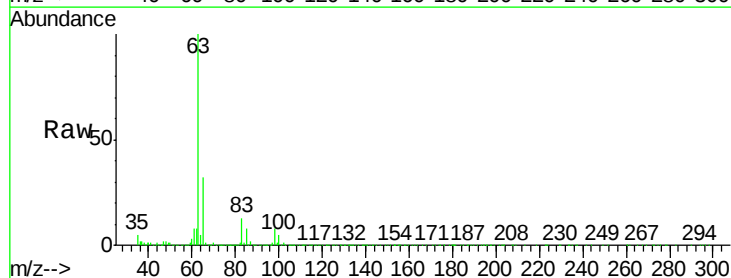
Tgt Ion: 63 Resp: 135382

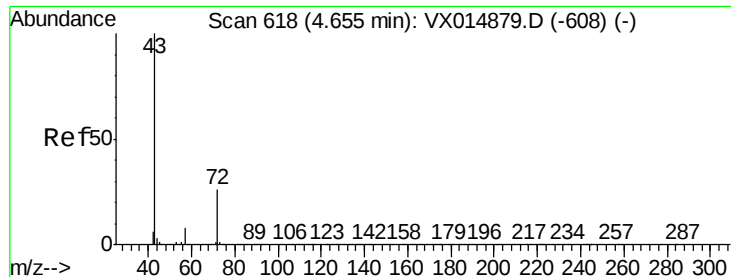
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 100.28 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

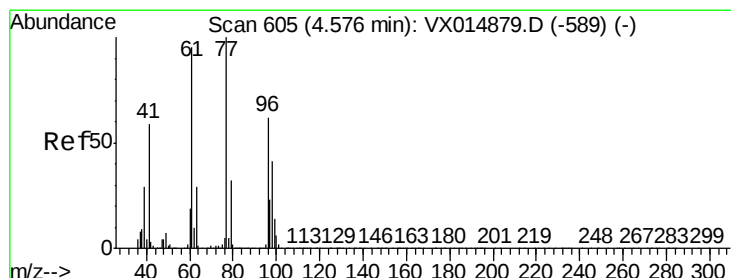
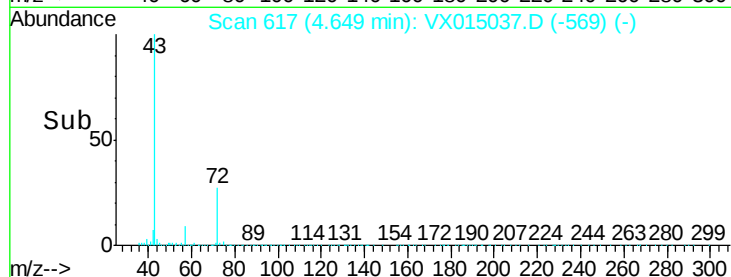
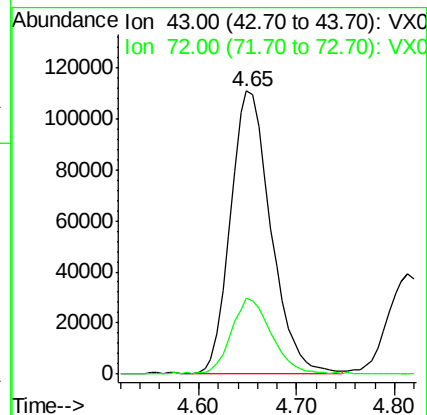
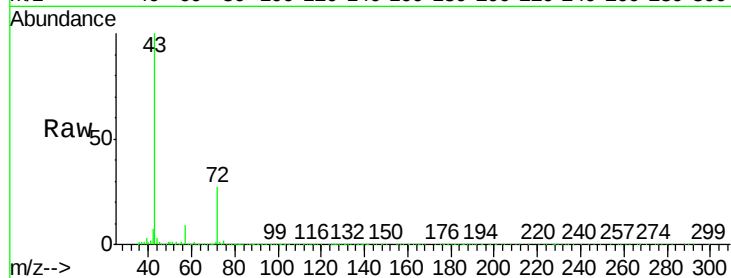
VX0227WBSD02

Tgt Ion: 43 Resp: 315045

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.75 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015037.D

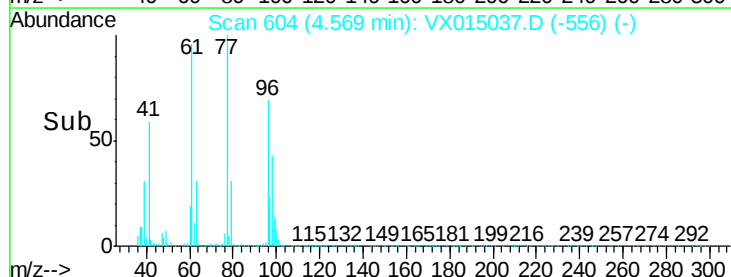
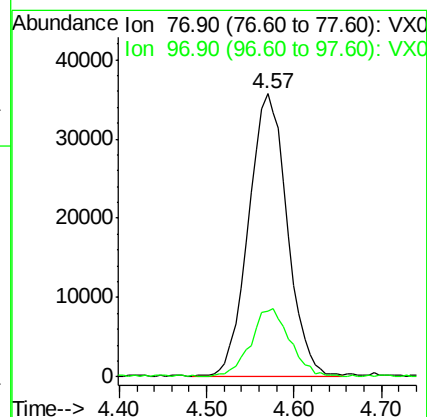
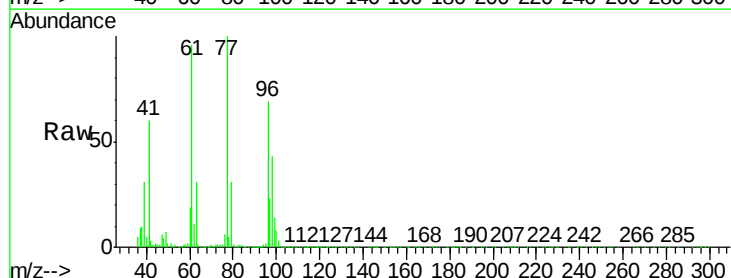
Acq: 27 Feb 2020 11:06

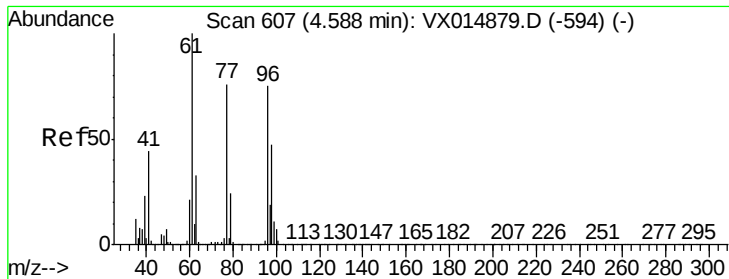
Tgt Ion: 77 Resp: 109567

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.05 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

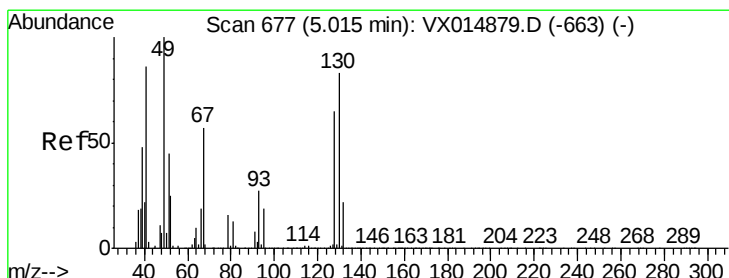
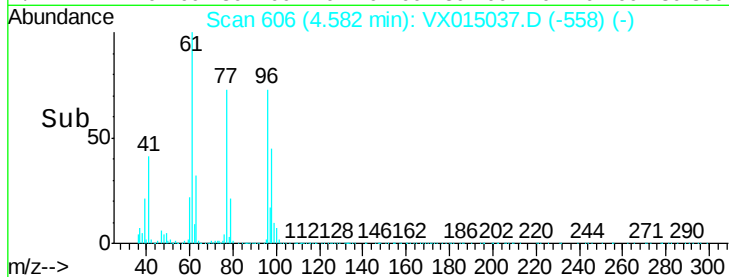
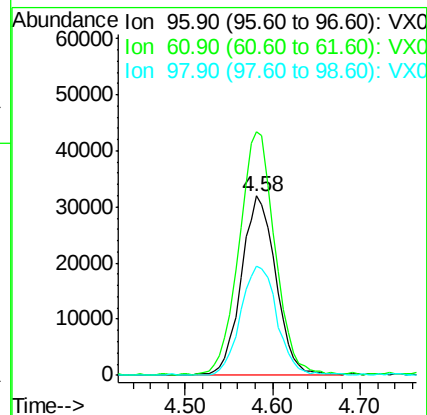
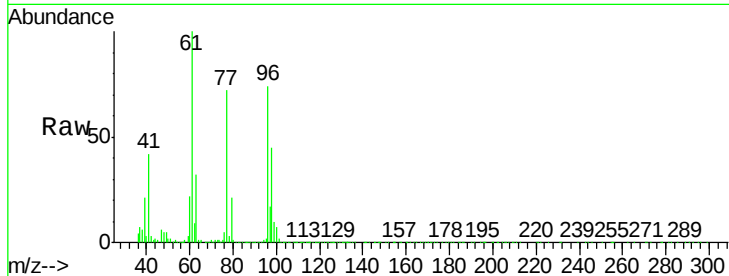
Tgt Ion: 96 Resp: 88074

Ion Ratio Lower Upper

96 100

61 141.7 0.0 286.2

98 64.4 0.0 131.0



#28

Bromochloromethane

Concen: 20.78 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

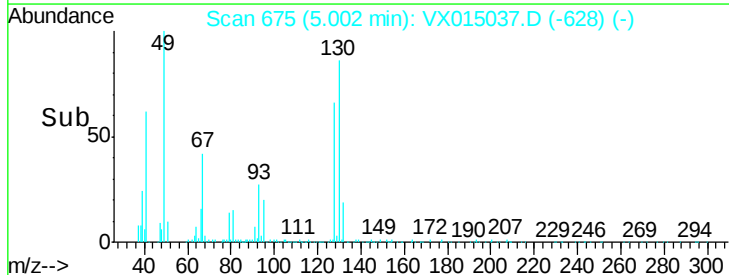
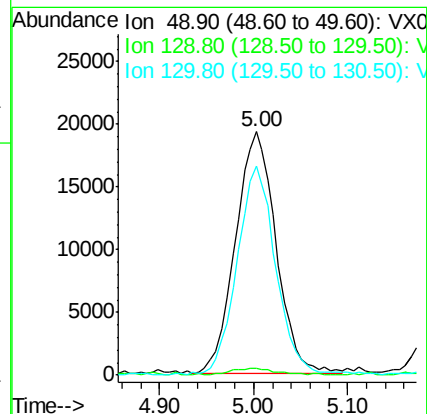
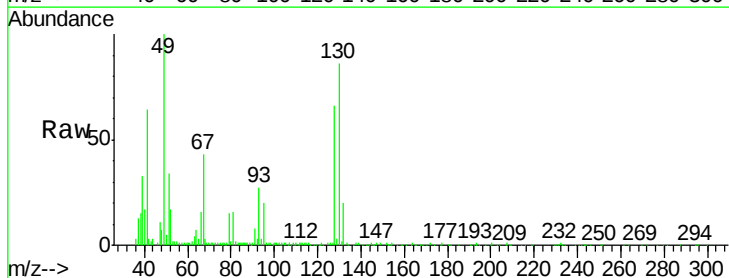
Tgt Ion: 49 Resp: 57696

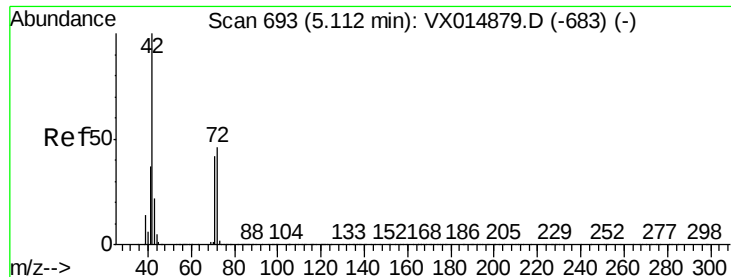
Ion Ratio Lower Upper

49 100

129 3.1 0.0 5.2

130 83.3 67.4 101.2





#29

Tetrahydrofuran

Concen: 109.15 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

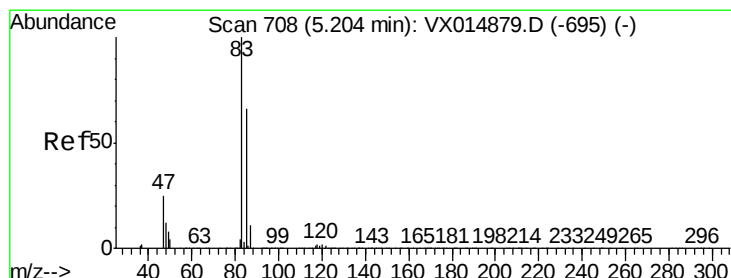
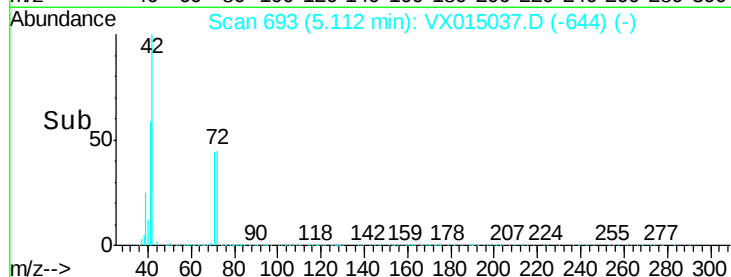
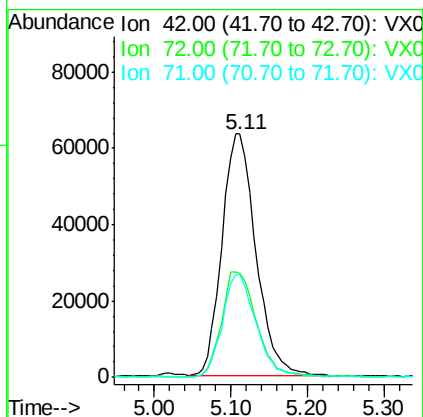
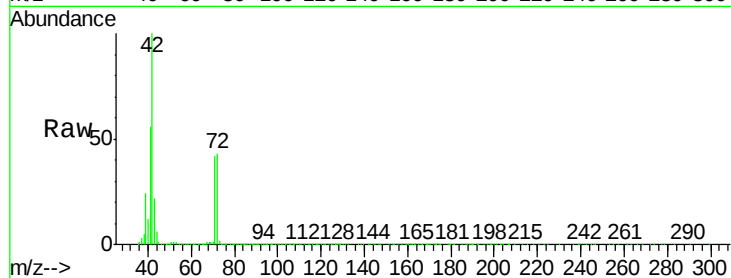
Tgt Ion: 42 Resp: 194919

Ion Ratio Lower Upper

42 100

72 44.5 36.9 55.3

71 41.3 34.1 51.1



#30

Chloroform

Concen: 19.53 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX015037.D

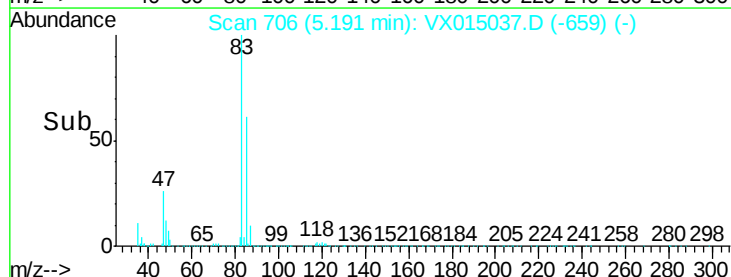
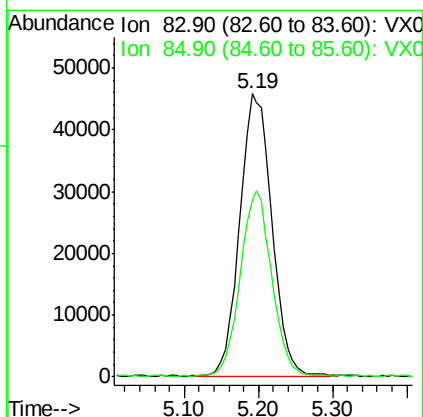
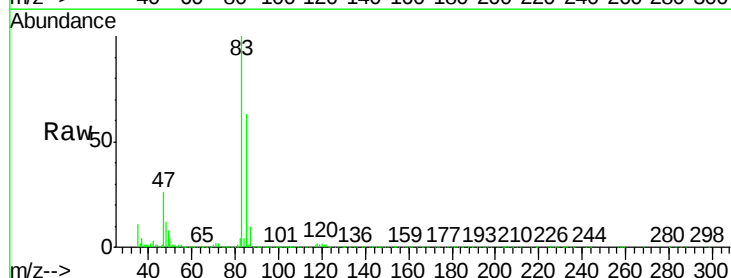
Acq: 27 Feb 2020 11:06

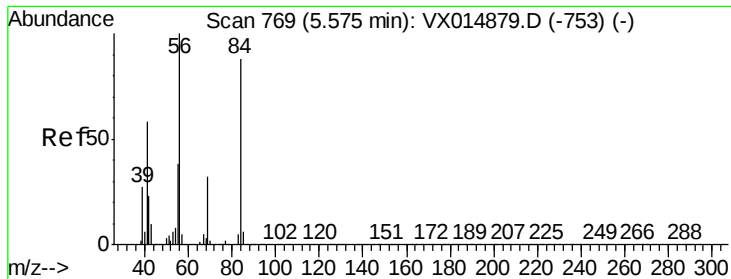
Tgt Ion: 83 Resp: 138817

Ion Ratio Lower Upper

83 100

85 62.4 52.9 79.3

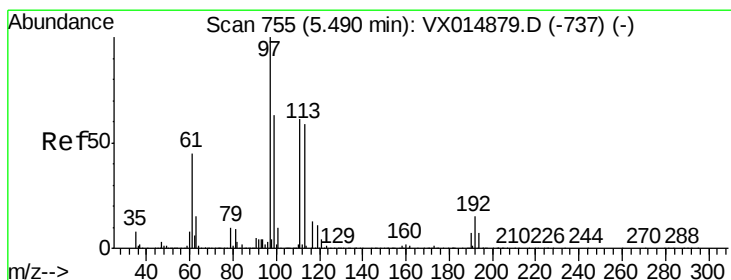
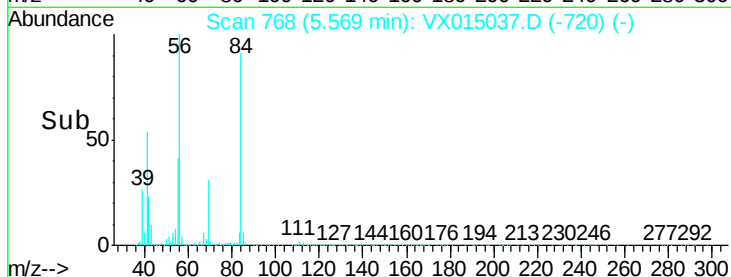
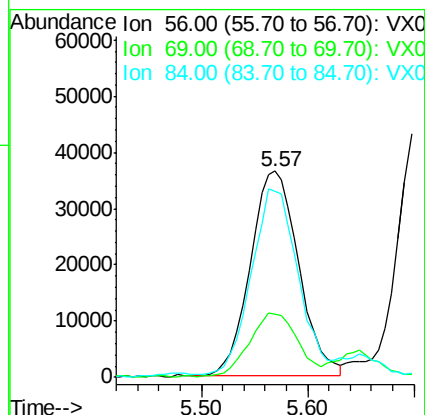
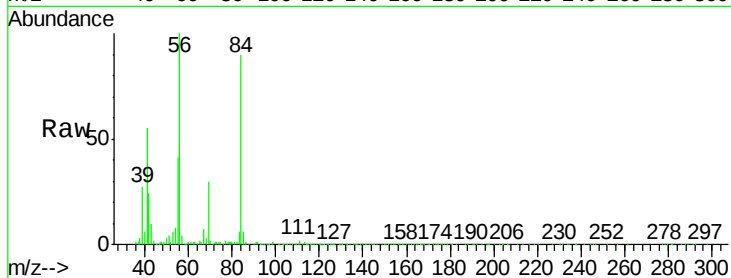




#31
Cyclohexane
Concen: 17.75 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

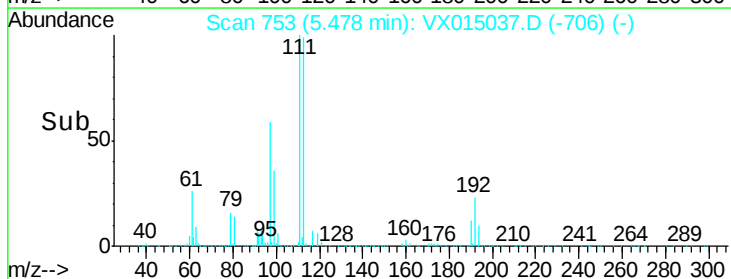
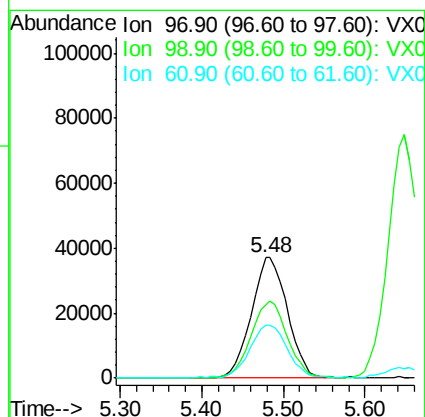
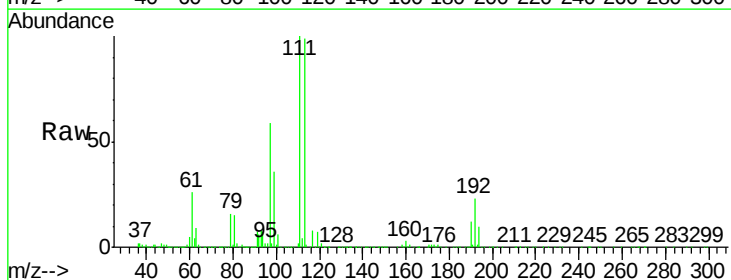
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD02

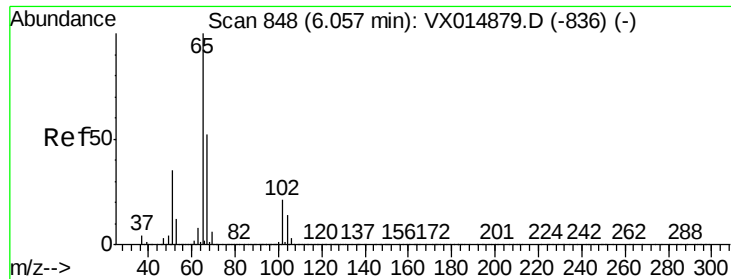
Tgt Ion: 56 Resp: 115776
Ion Ratio Lower Upper
56 100
69 29.8 25.9 38.9
84 89.2 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.27 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 97 Resp: 113566
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 45.3 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 48.58 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

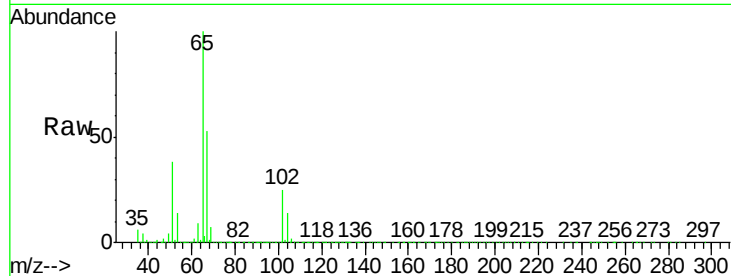
VX0227WBSD02

Tgt Ion: 65 Resp: 224184

Ion Ratio Lower Upper

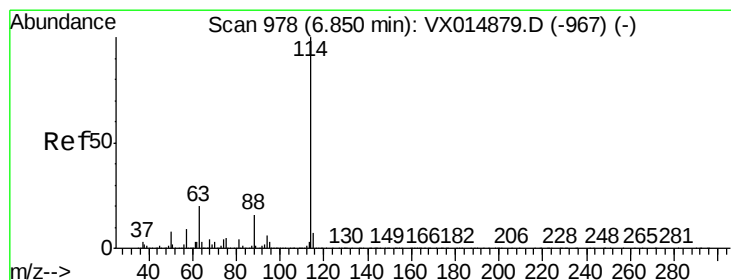
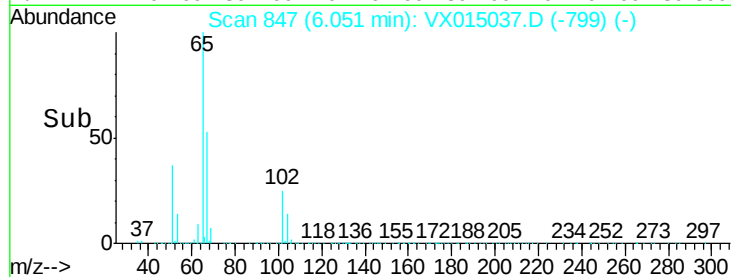
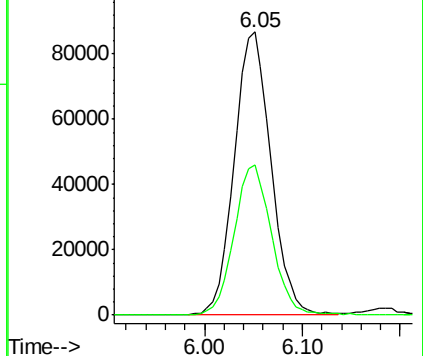
65 100

67 54.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

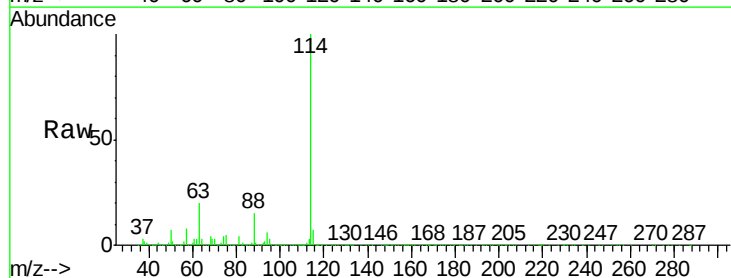
Tgt Ion: 114 Resp: 606775

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

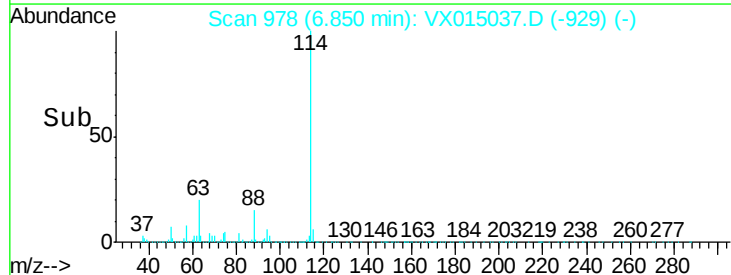
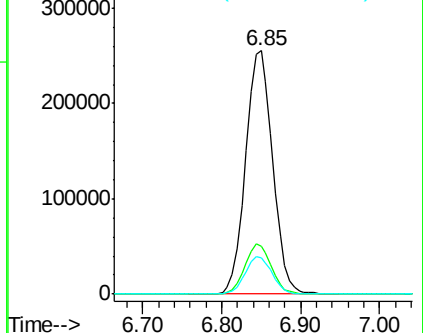
88 15.1 0.0 32.0

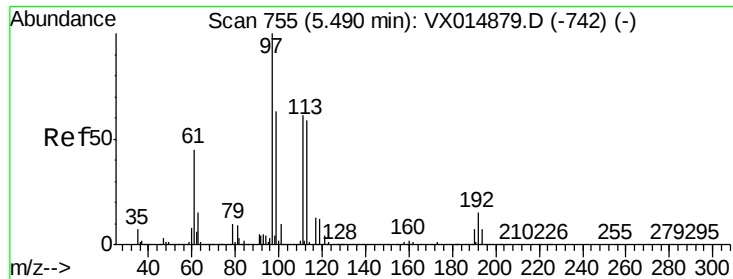


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

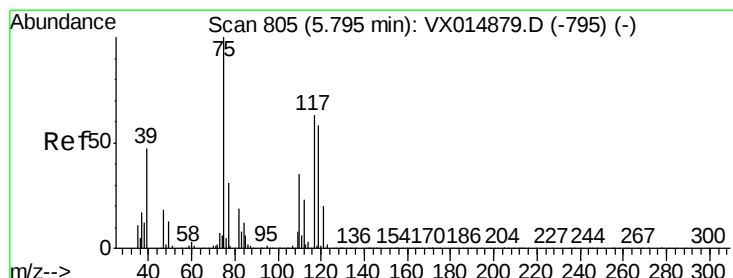
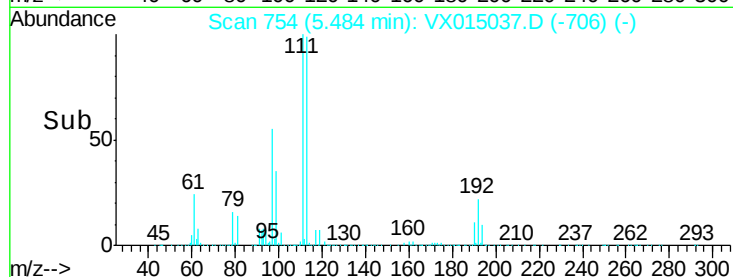
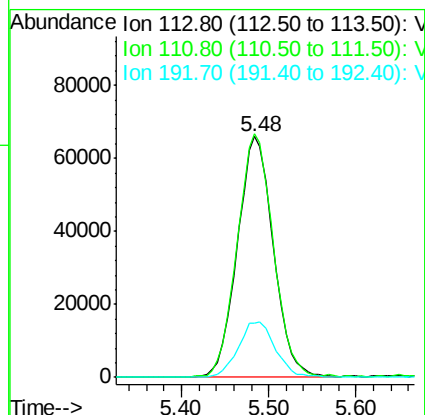
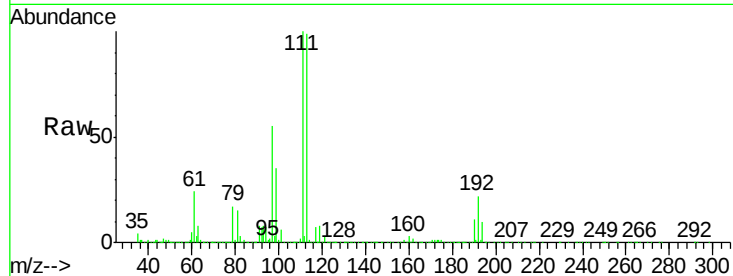




#35
 Dibromofluoromethane
 Concen: 50.41 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

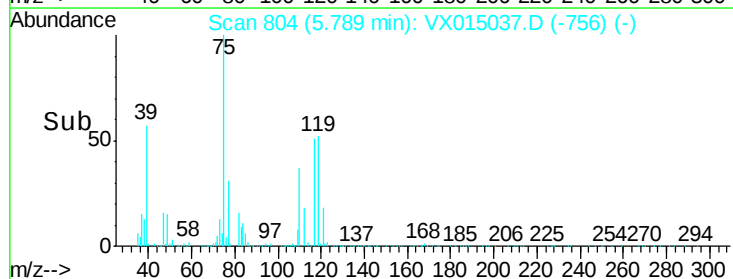
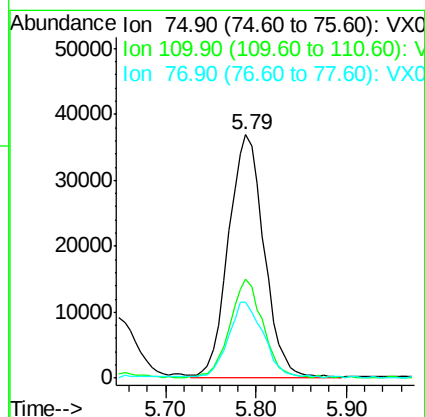
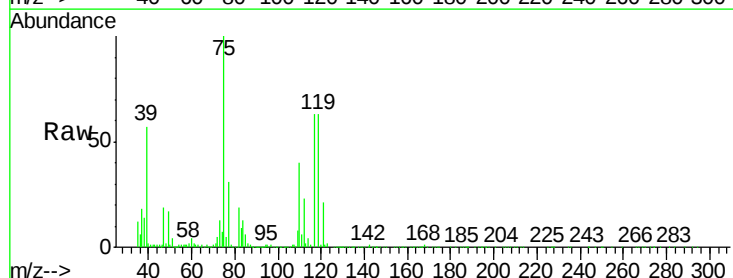
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD02

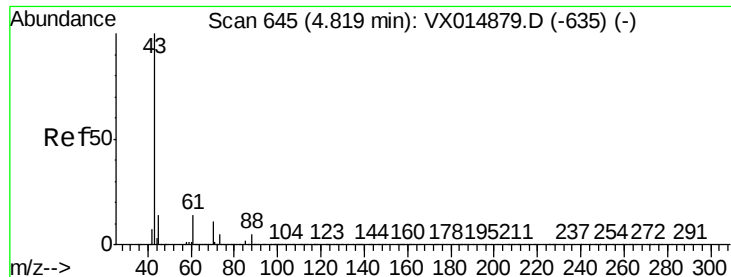
Tgt Ion:113 Resp: 188044
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.4 123.6
 192 23.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 18.34 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

Tgt Ion: 75 Resp: 99524
 Ion Ratio Lower Upper
 75 100
 110 38.5 18.3 54.8
 77 30.6 24.6 36.8

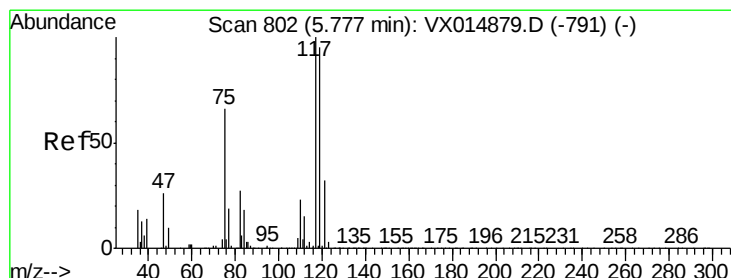
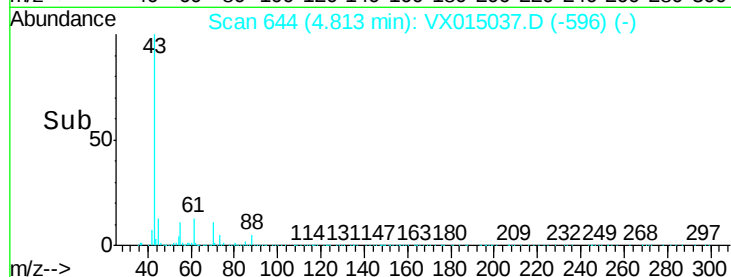
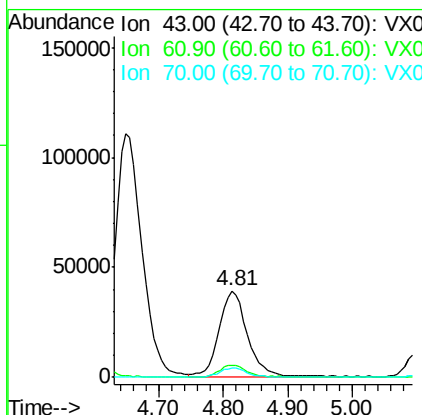
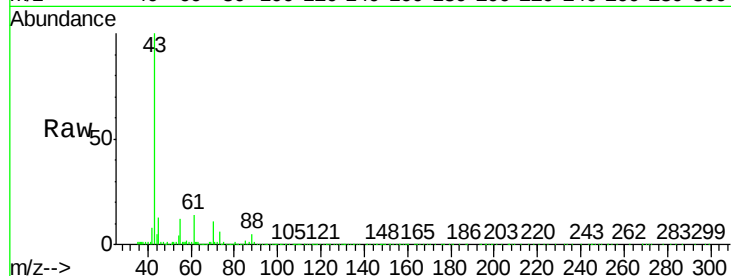




#37
Ethyl Acetate
Concen: 21.29 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

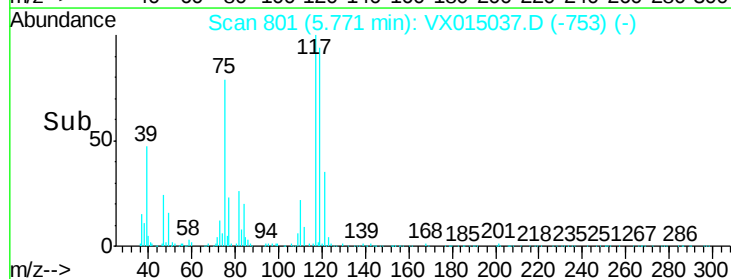
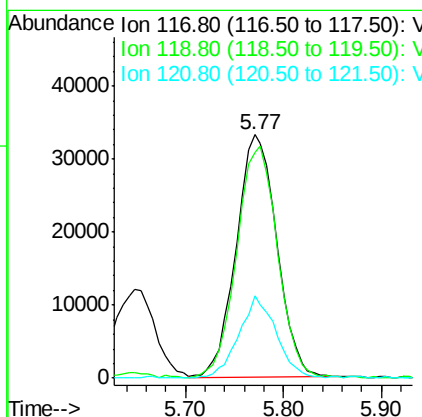
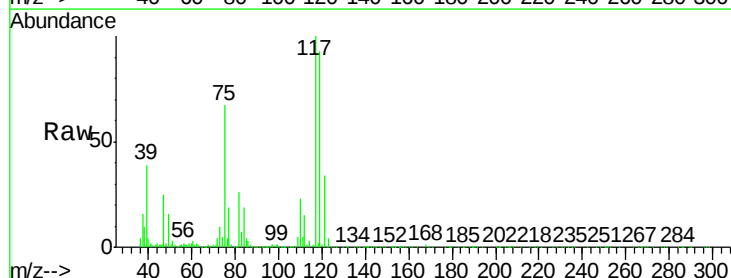
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD02

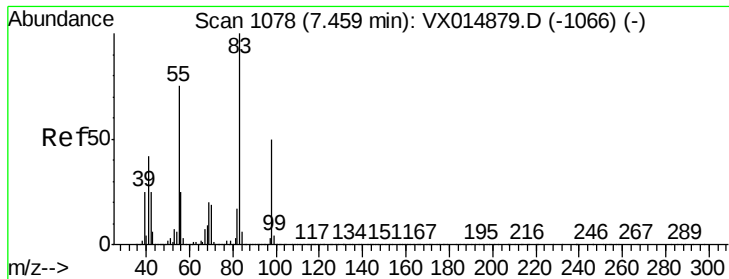
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	9.9	8.7	13.1



#38
Carbon Tetrachloride
Concen: 18.12 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.0	114.0
121	33.7	25.4	38.2

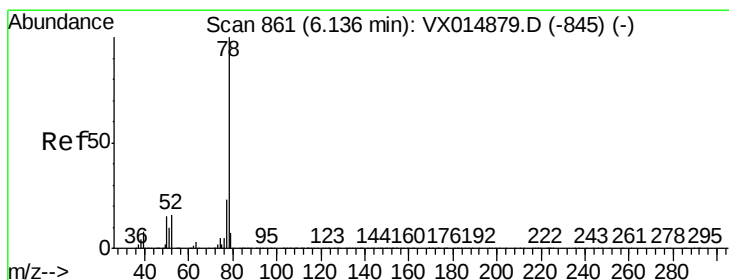
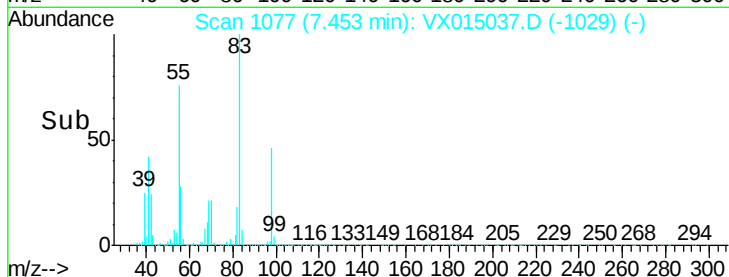
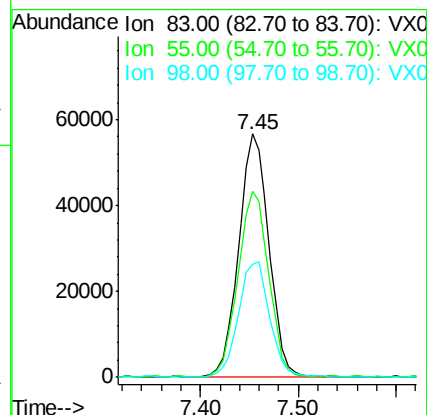
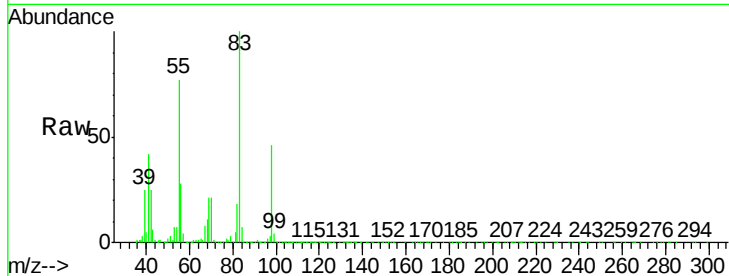




#39
Methylcyclohexane
Concen: 17.83 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

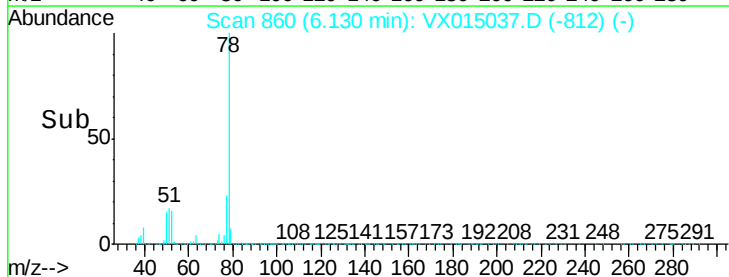
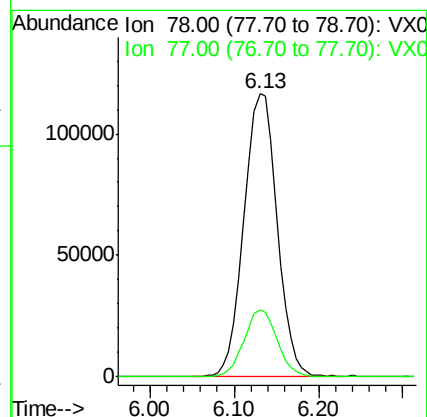
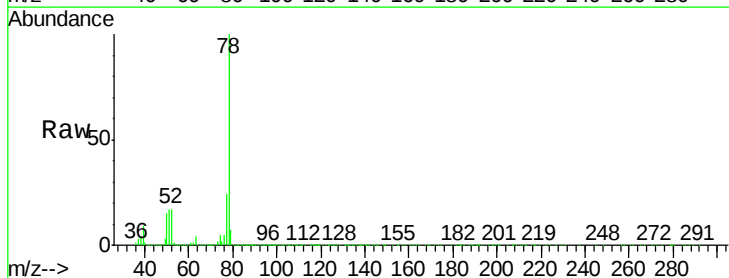
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD02

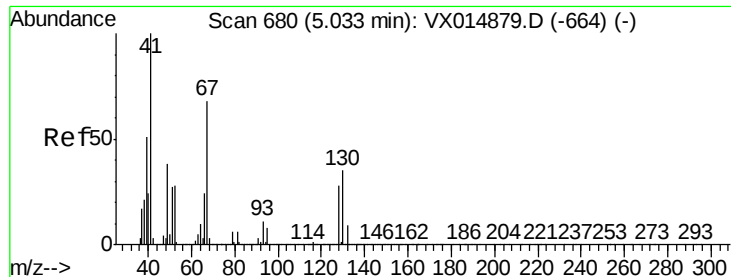
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.3	60.0	90.0
98	46.3	39.6	59.4



#40
Benzene
Concen: 19.13 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





#41

Methacrylonitrile

Concen: 20.87 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

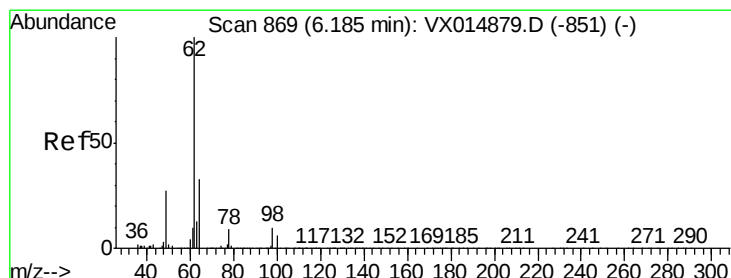
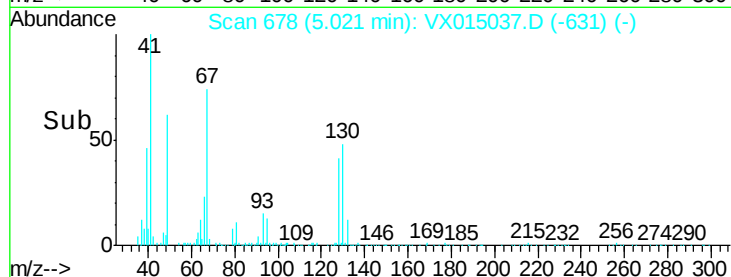
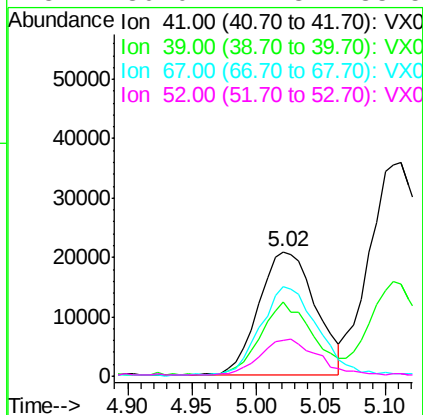
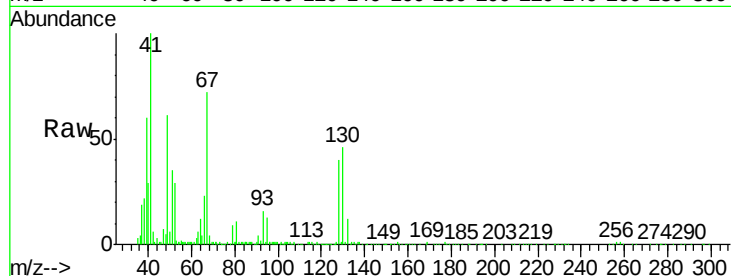
Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

Tgt Ion:	41	Resp:	63637
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.7	67.1
67	71.9	56.6	84.8
52	30.0	22.3	33.5



#42

1,2-Dichloroethane

Concen: 18.75 ug/l

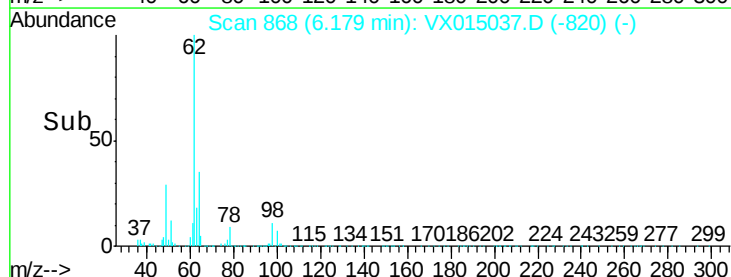
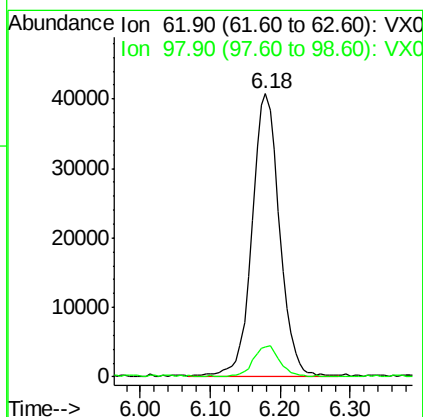
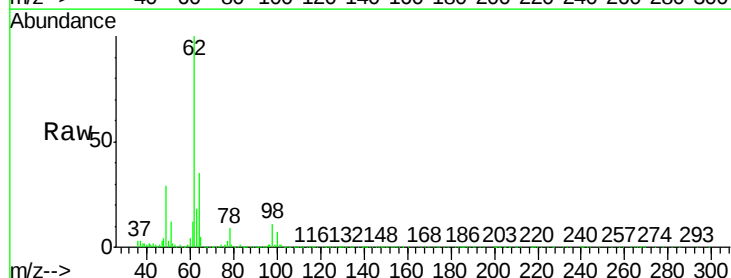
RT: 6.18 min Scan# 868

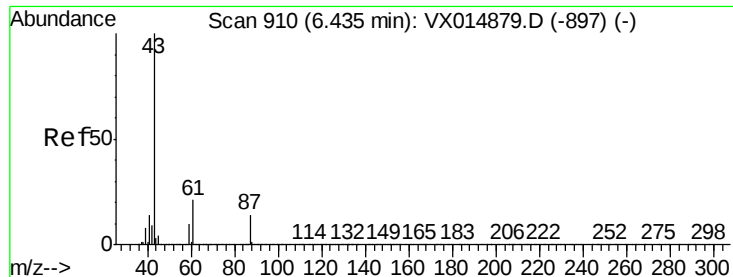
Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Tgt Ion:	62	Resp:	109874
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 20.13 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

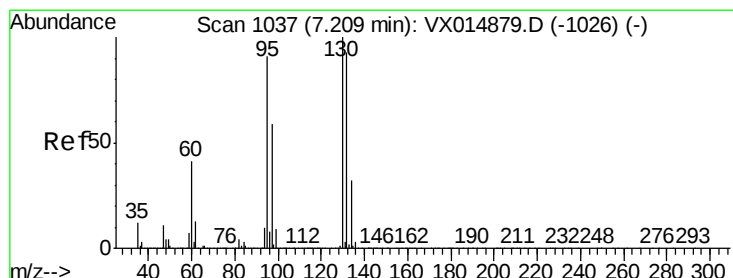
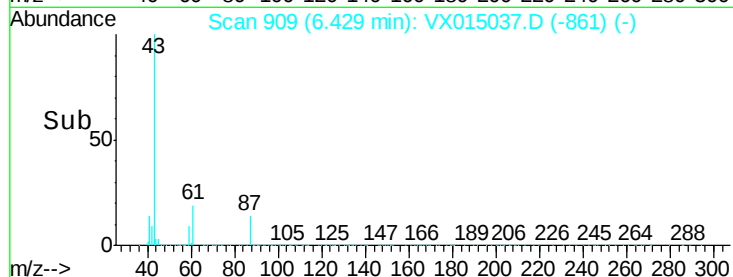
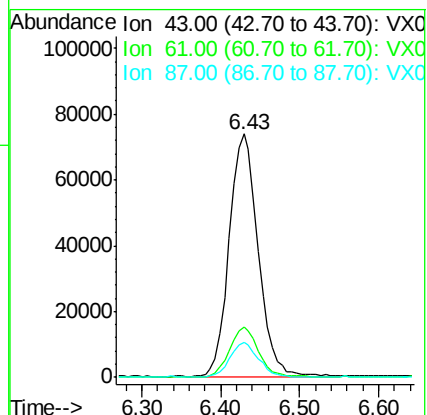
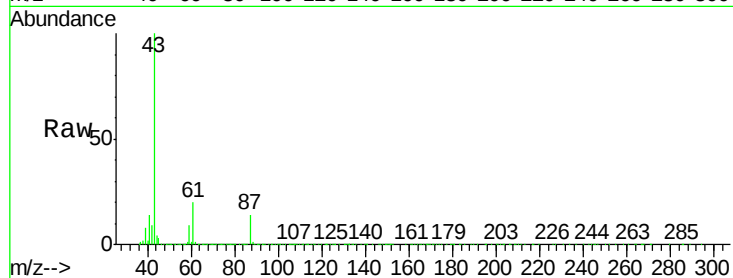
Tgt Ion: 43 Resp: 187976

Ion Ratio Lower Upper

43 100

61 21.3 16.2 24.4

87 14.1 11.0 16.6



#44

Trichloroethene

Concen: 18.55 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015037.D

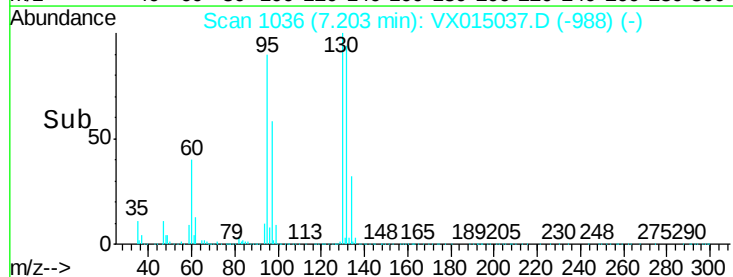
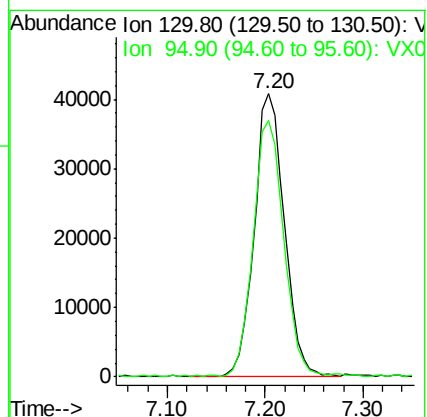
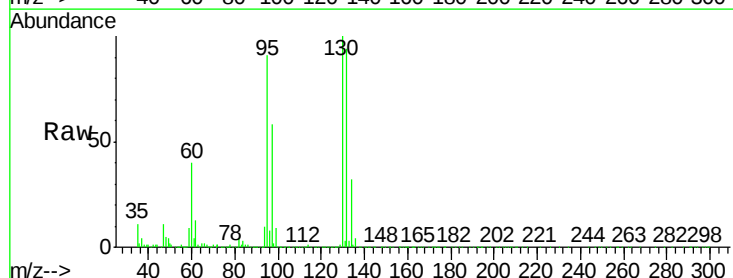
Acq: 27 Feb 2020 11:06

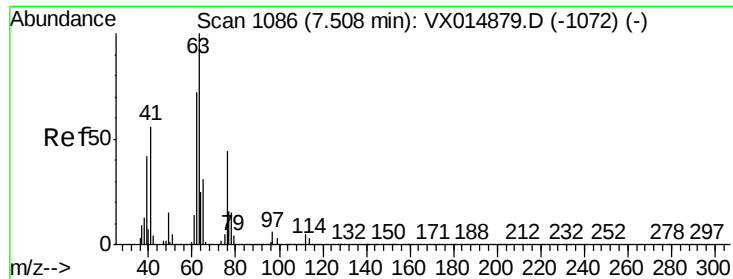
Tgt Ion: 130 Resp: 87337

Ion Ratio Lower Upper

130 100

95 90.6 0.0 182.6

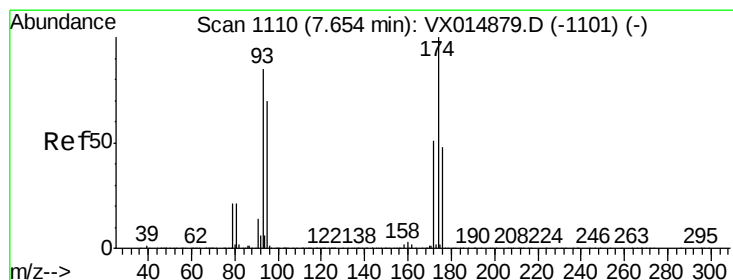
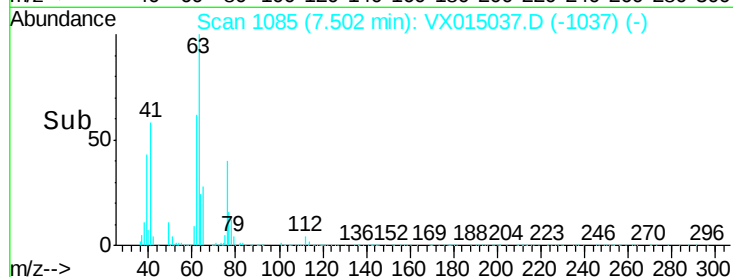
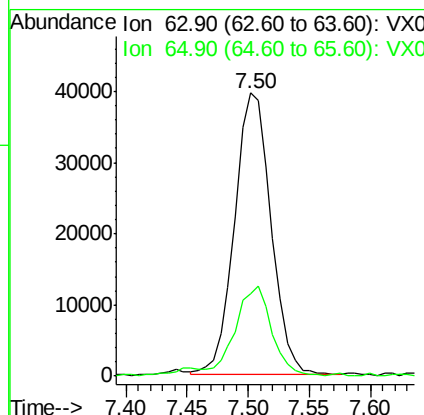
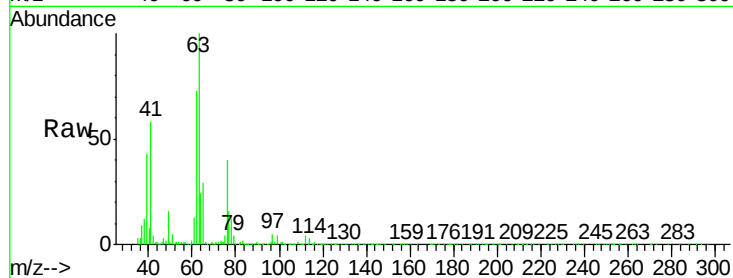




#45
 1,2-Dichloropropane
 Concen: 19.74 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

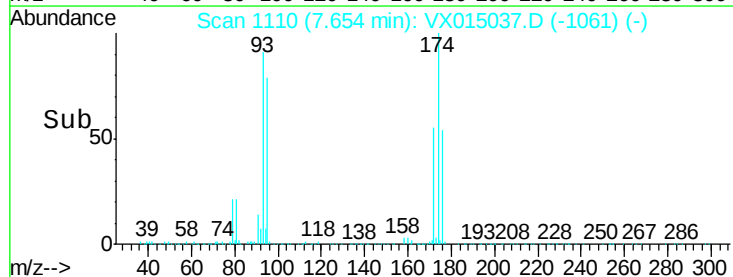
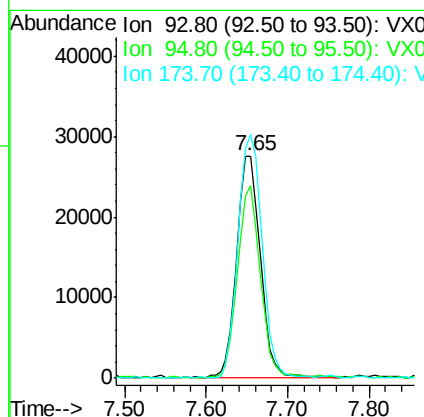
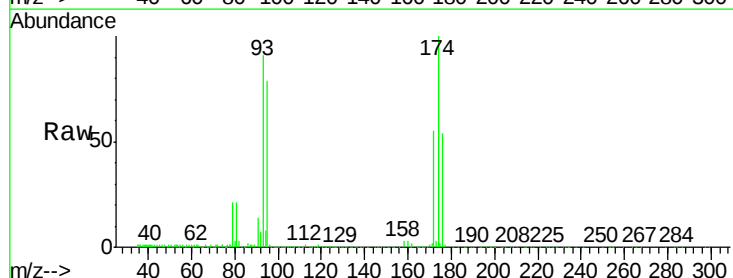
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD02

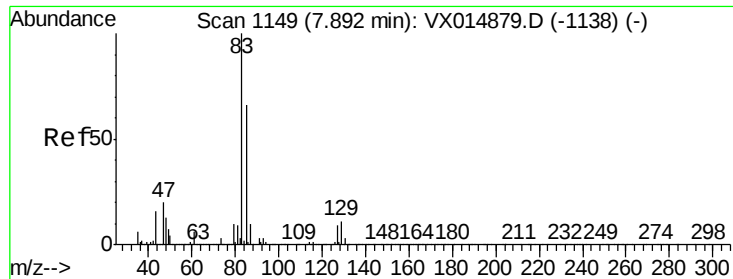
Tgt Ion: 63 Resp: 81632
 Ion Ratio Lower Upper
 63 100
 65 28.5 24.9 37.3



#46
 Dibromomethane
 Concen: 19.68 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

Tgt Ion: 93 Resp: 55643
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.8 98.8
 174 111.0 95.4 143.2

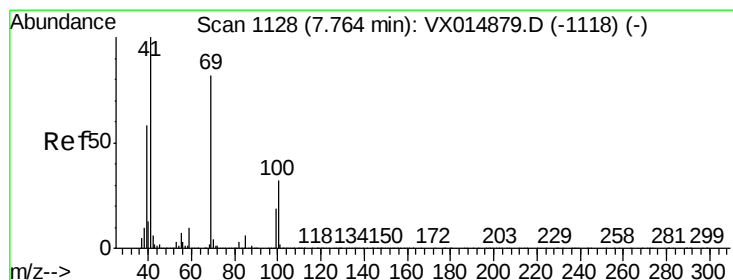
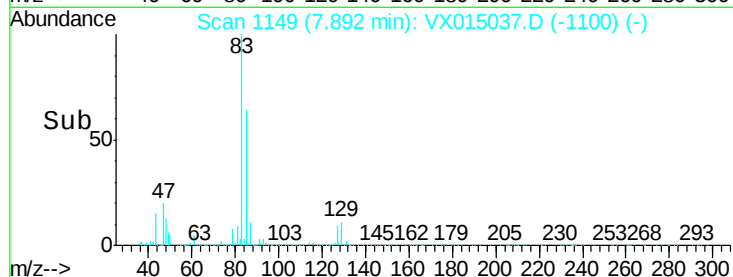
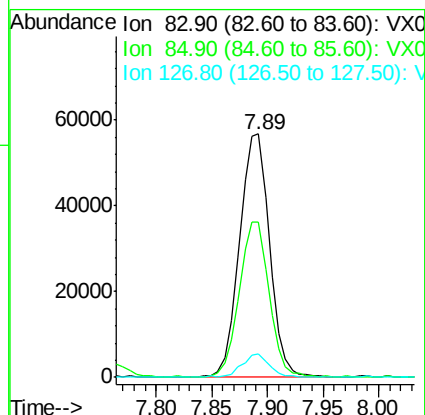
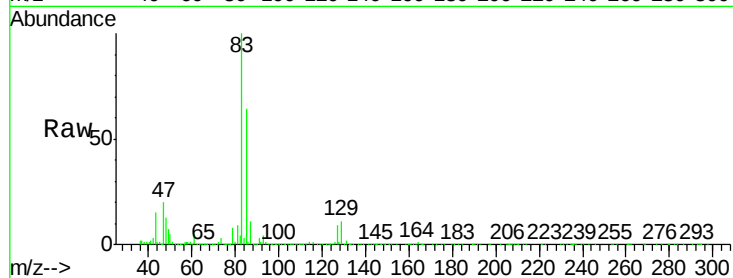




#47
 Bromodichloromethane
 Concen: 19.01 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

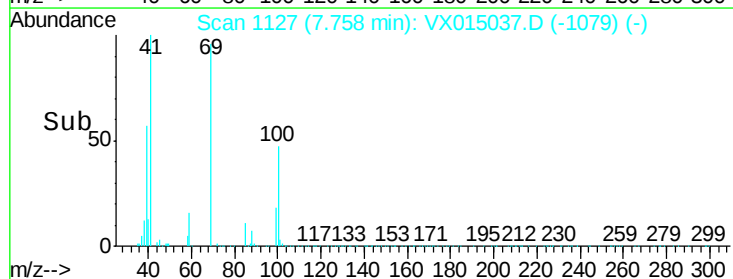
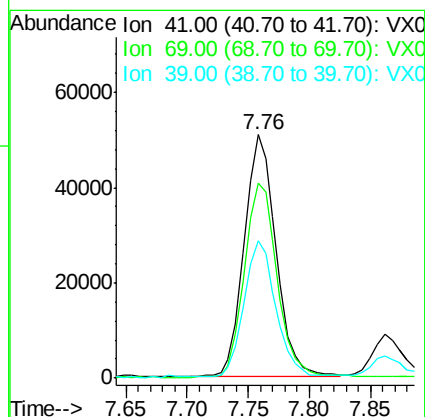
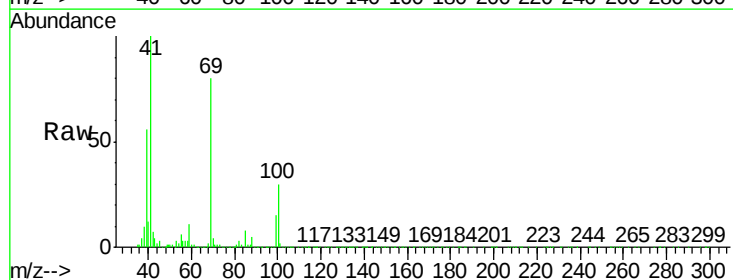
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD02

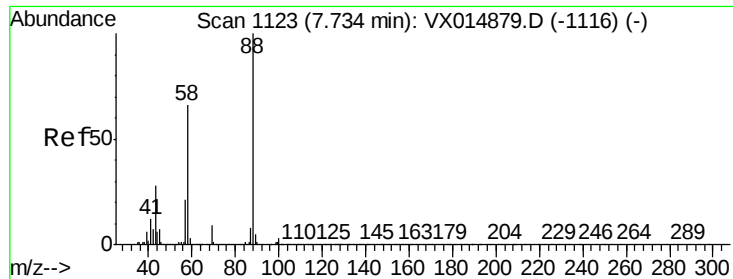
Tgt Ion: 83 Resp: 106534
 Ion Ratio Lower Upper
 83 100
 85 63.5 52.5 78.7
 127 9.5 7.4 11.0



#48
 Methyl methacrylate
 Concen: 20.00 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

Tgt Ion: 41 Resp: 91914
 Ion Ratio Lower Upper
 41 100
 69 83.7 65.7 98.5
 39 55.9 45.8 68.8

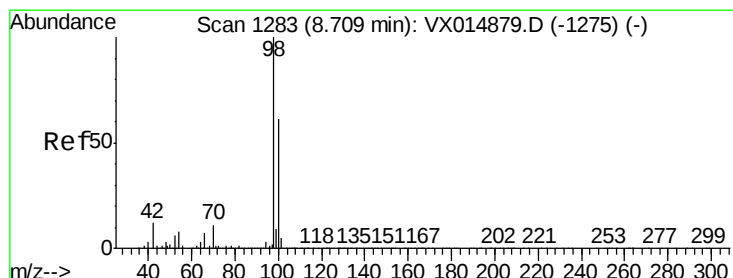
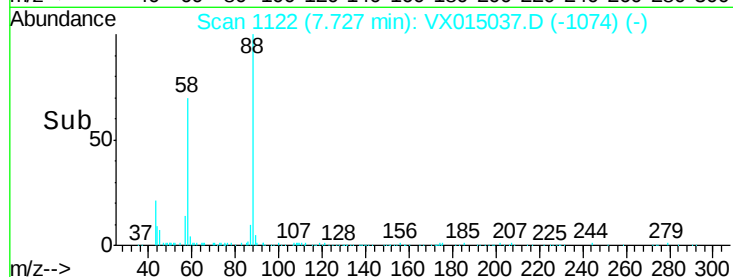
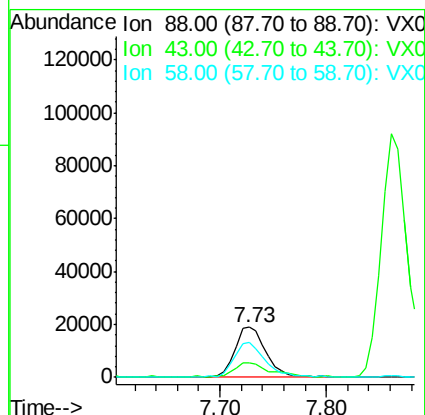
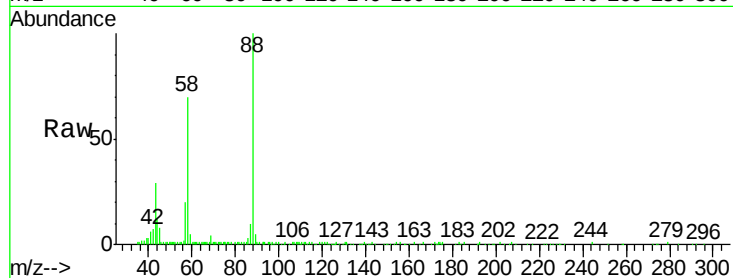




#49
 1,4-Dioxane
 Concen: 456.65 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

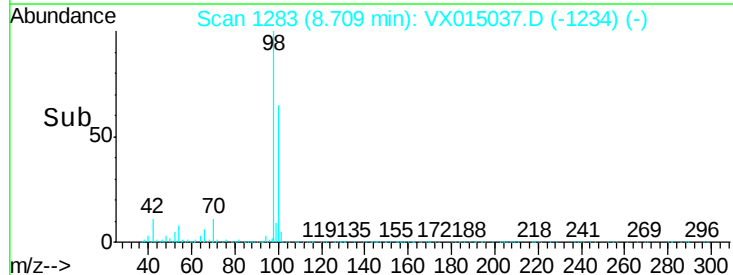
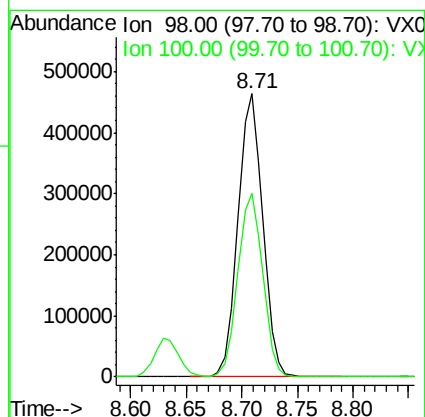
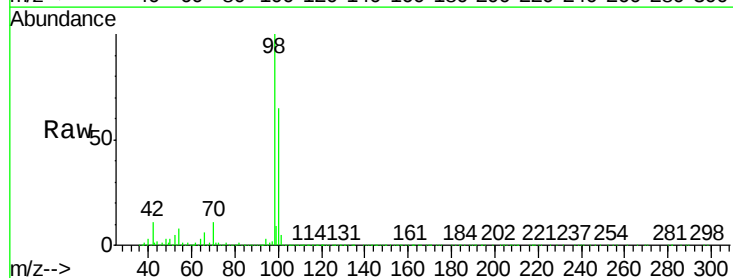
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD02

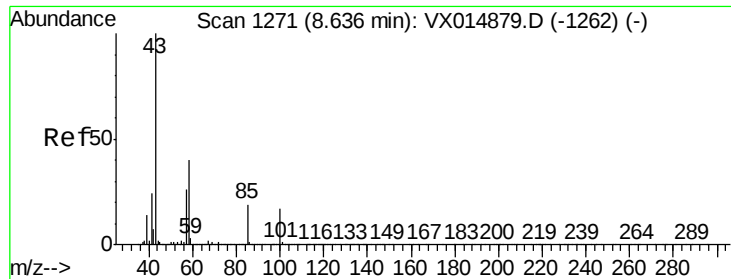
Tgt Ion: 88 Resp: 39239
 Ion Ratio Lower Upper
 88 100
 43 30.6 27.0 40.4
 58 67.7 53.2 79.8



#50
 Toluene-d8
 Concen: 50.07 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

Tgt Ion: 98 Resp: 712931
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.4 78.6

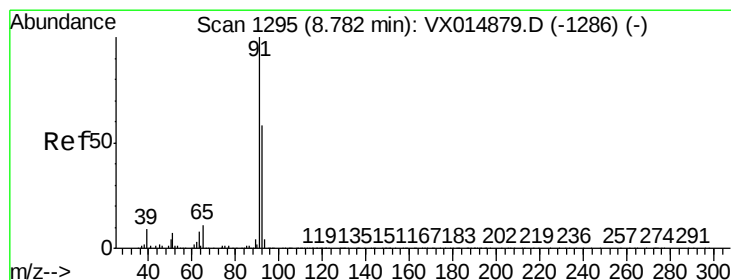
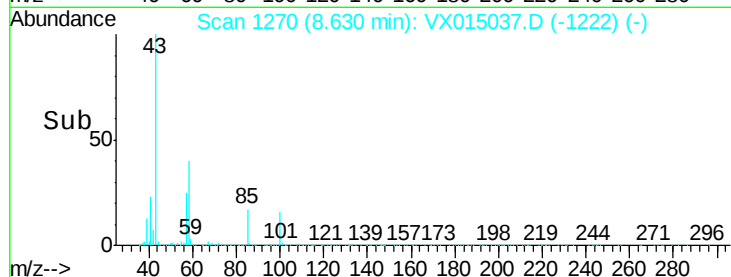
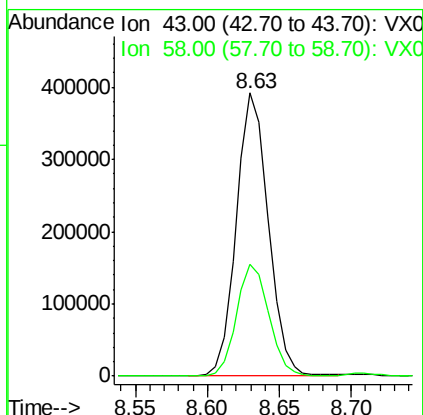
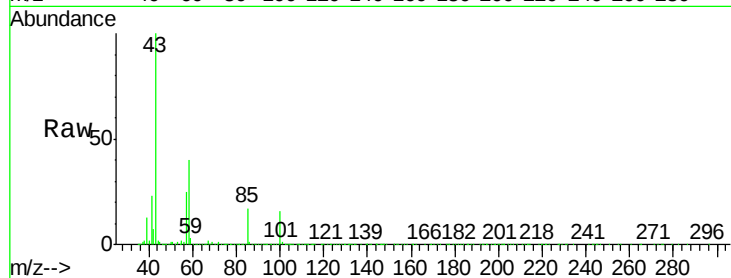




#51
4-Methyl-2-Pentanone
Concen: 107.43 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

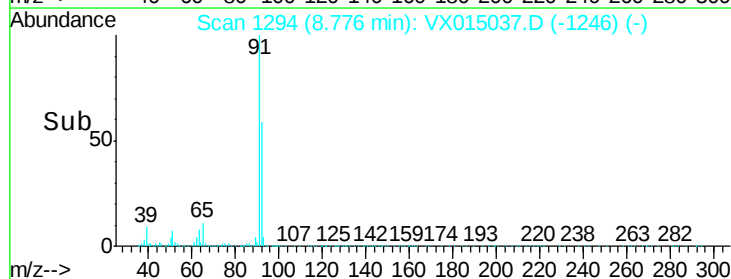
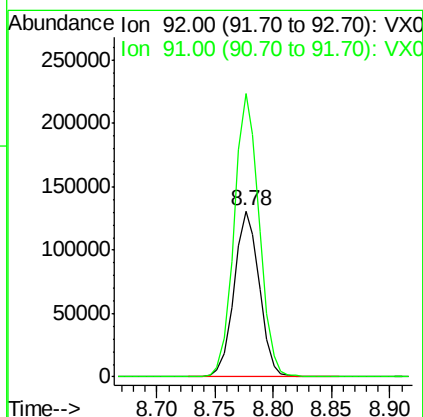
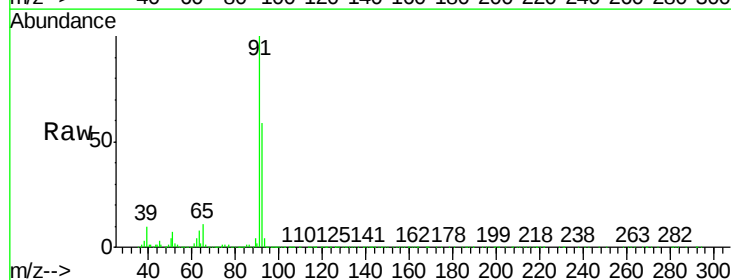
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD02

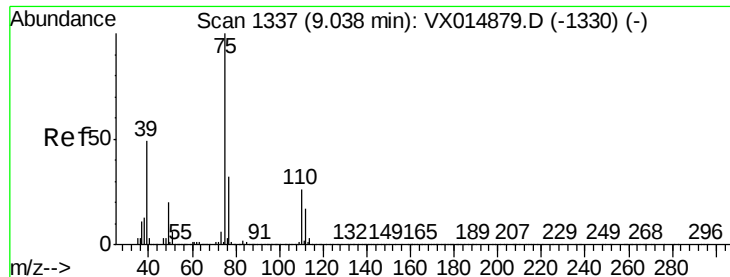
Tgt Ion: 43 Resp: 605766
Ion Ratio Lower Upper
43 100
58 40.1 31.9 47.9



#52
Toluene
Concen: 19.11 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 92 Resp: 196819
Ion Ratio Lower Upper
92 100
91 170.7 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.81 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

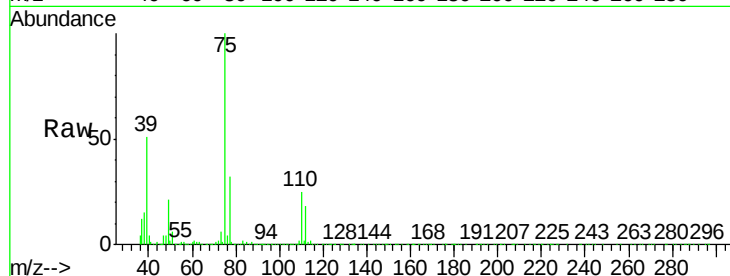
VX0227WBSD02

Tgt Ion: 75 Resp: 115582

Ion Ratio Lower Upper

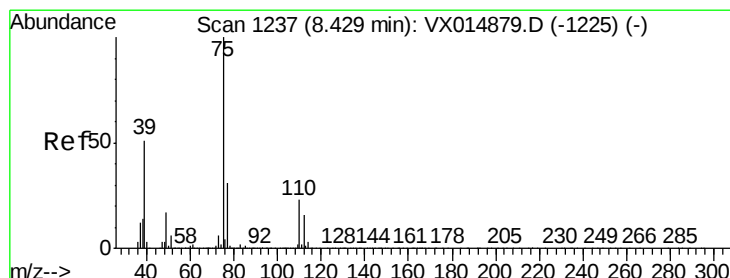
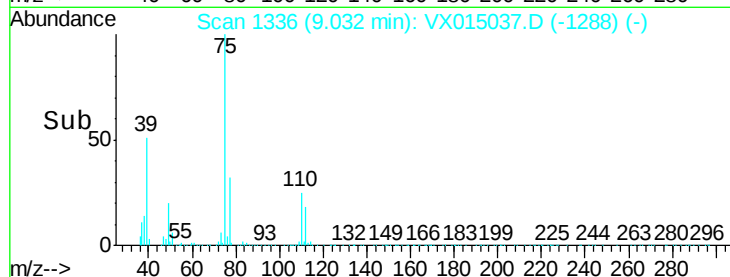
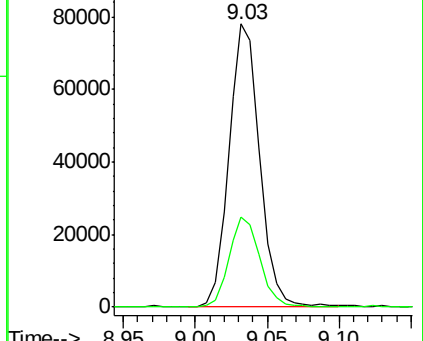
75 100

77 31.8 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.18 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

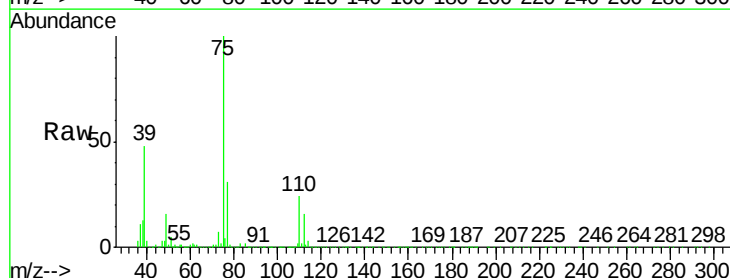
Tgt Ion: 75 Resp: 130196

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

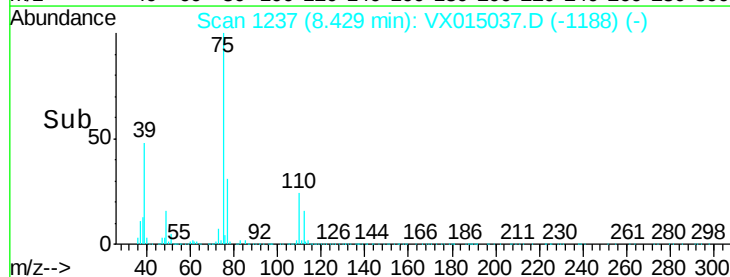
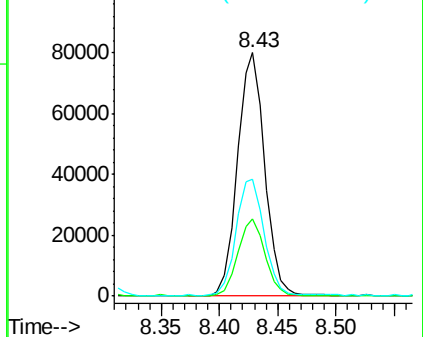
39 47.7 40.9 61.3

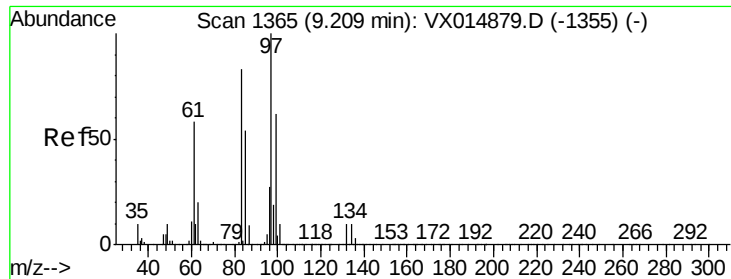


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

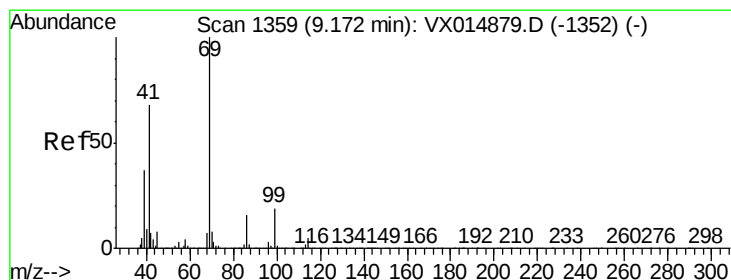
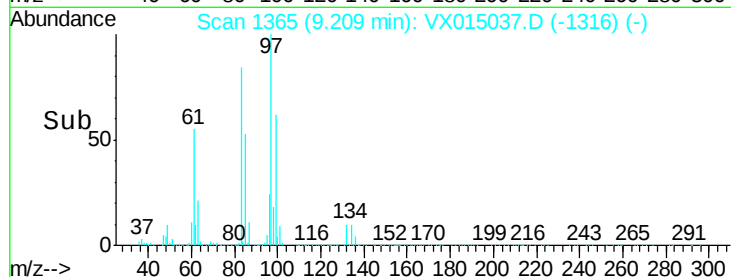
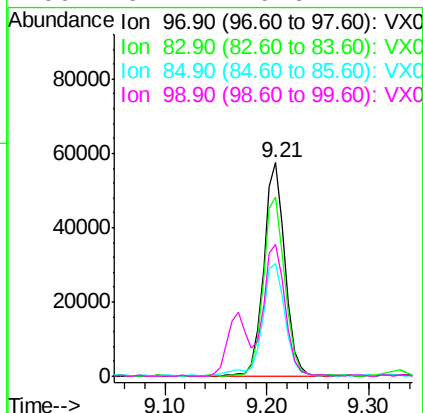
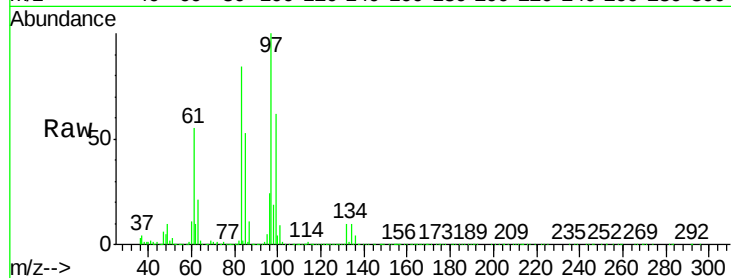




#55
 1,1,2-Trichloroethane
 Concen: 20.02 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

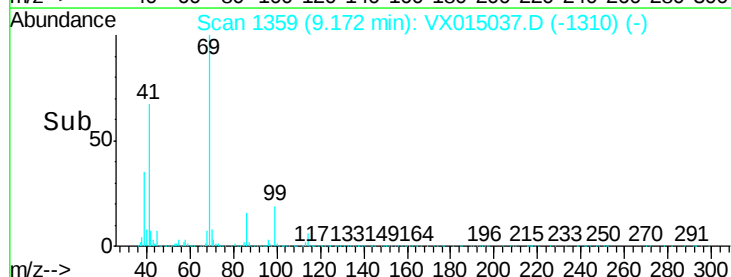
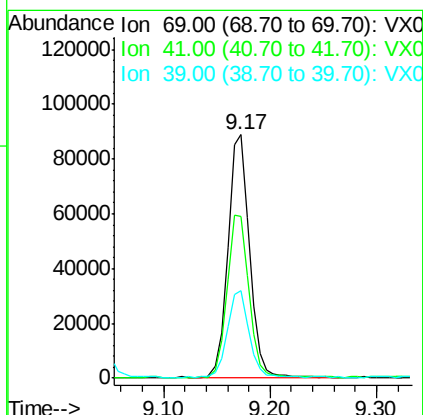
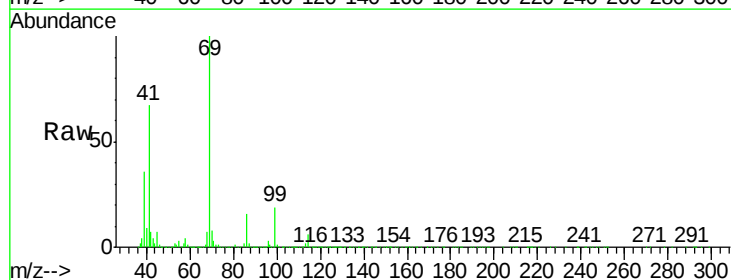
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD02

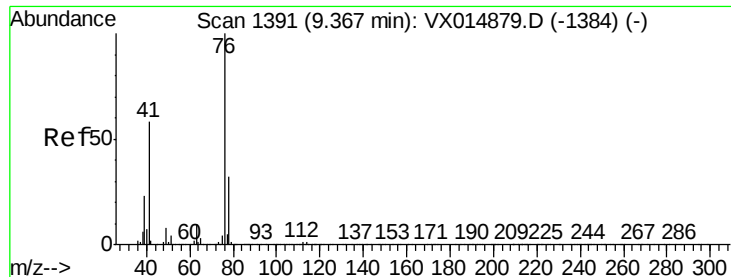
Tgt Ion:	97	Resp:	83433
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.6	99.8
85	52.4	43.5	65.3
99	61.4	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 20.13 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

Tgt Ion:	69	Resp:	126082
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.8	82.2
39	36.1	29.9	44.9





#57

1,3-Dichloropropane

Concen: 20.01 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

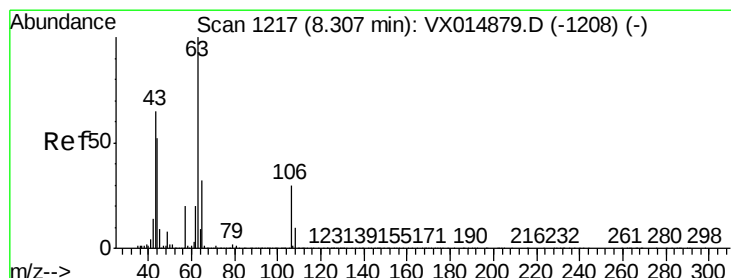
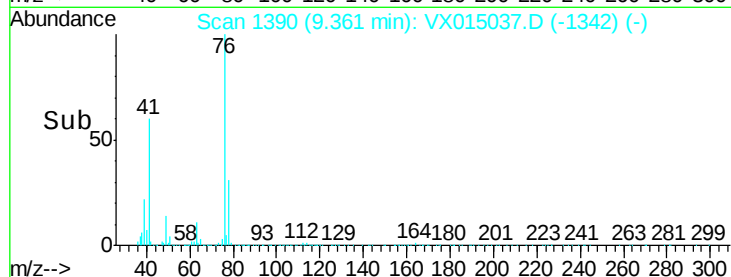
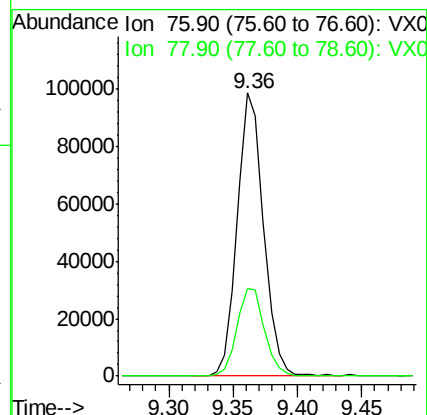
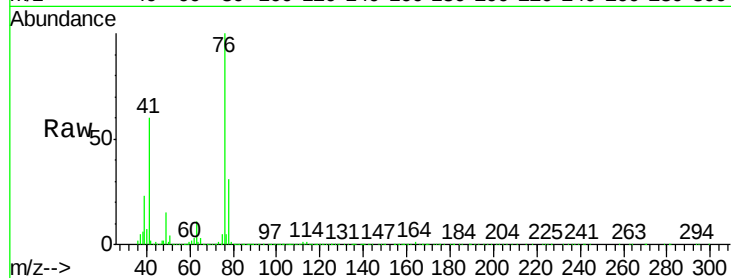
VX0227WBSD02

Tgt Ion: 76 Resp: 140358

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.63 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015037.D

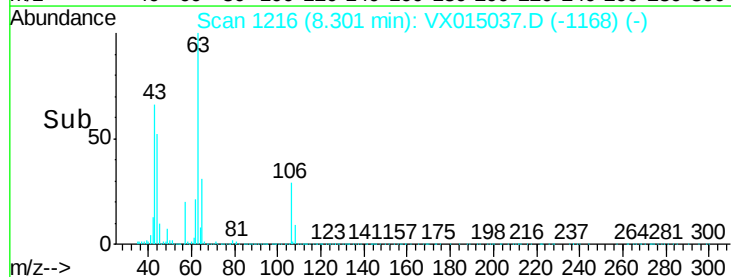
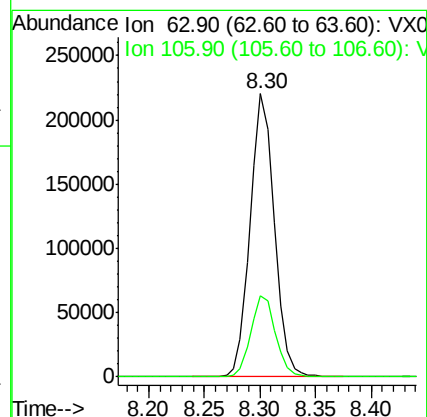
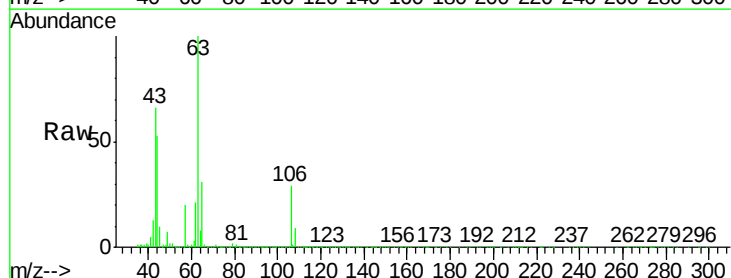
Acq: 27 Feb 2020 11:06

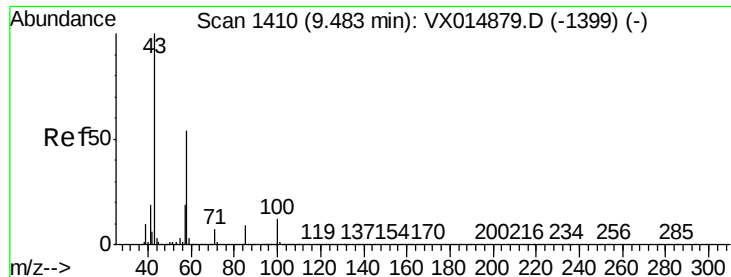
Tgt Ion: 63 Resp: 332908

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.8

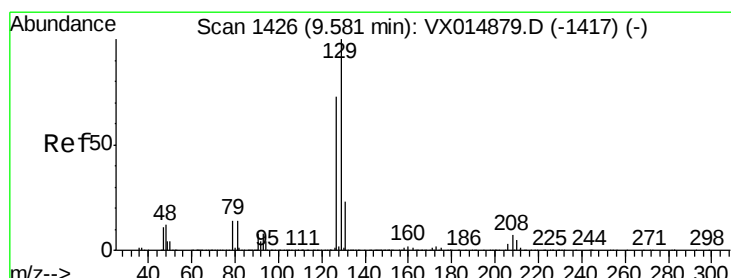
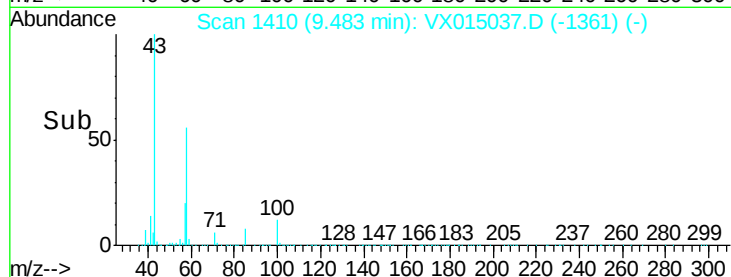
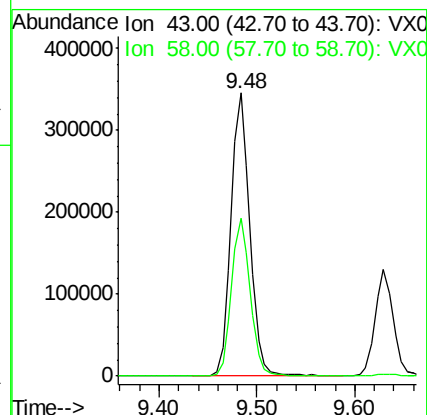
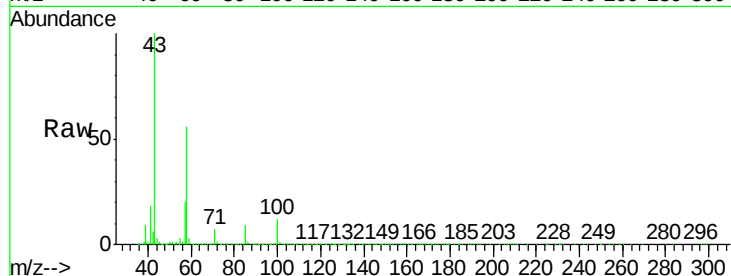




#59
2-Hexanone
Concen: 104.25 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

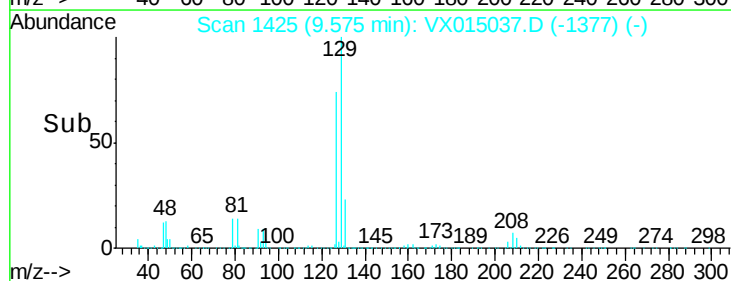
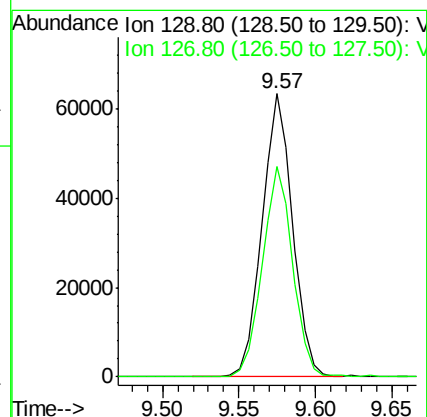
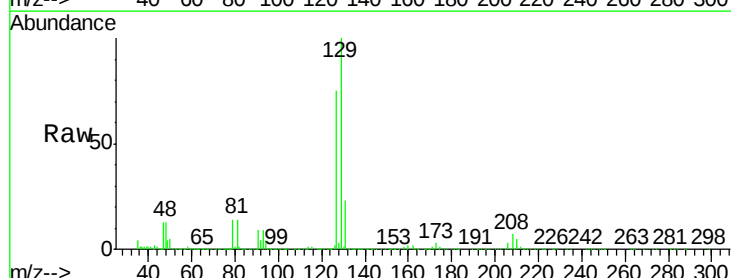
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD02

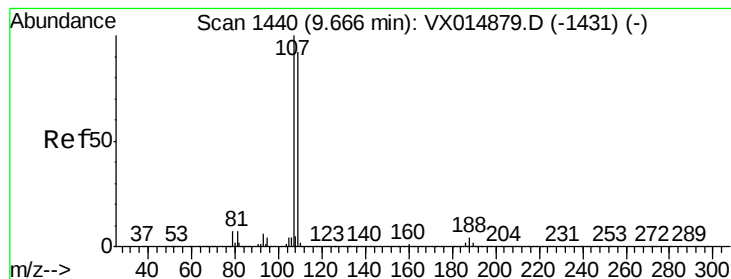
Tgt Ion: 43 Resp: 462081
Ion Ratio Lower Upper
43 100
58 55.7 27.5 82.5



#60
Dibromochloromethane
Concen: 19.66 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 129 Resp: 88153
Ion Ratio Lower Upper
129 100
127 73.4 37.8 113.3





#61

1,2-Dibromoethane

Concen: 19.11 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

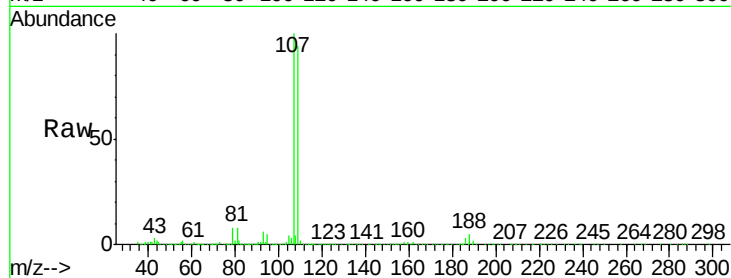
VX0227WBSD02

Tgt Ion: 107 Resp: 85912

Ion Ratio Lower Upper

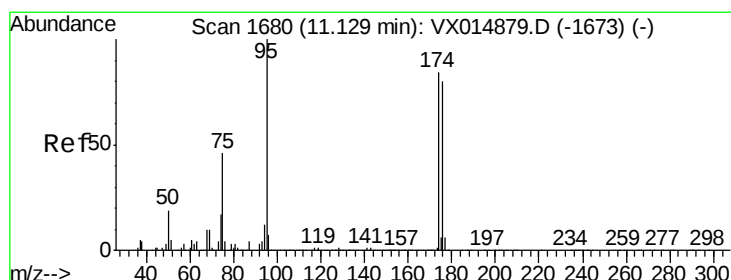
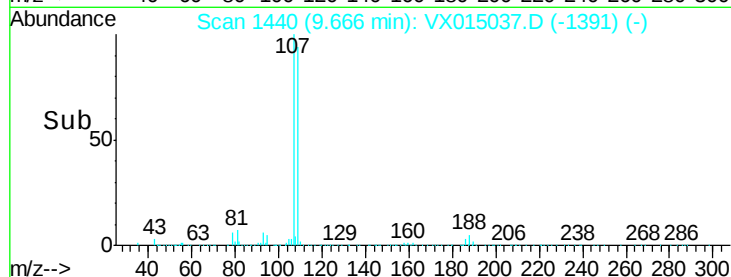
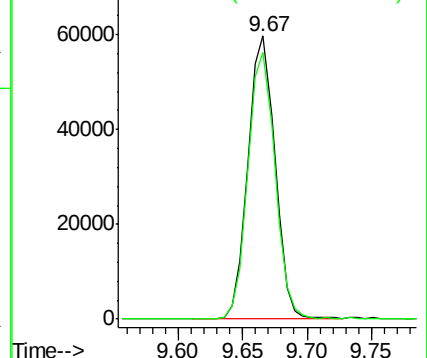
107 100

109 95.4 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.29 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

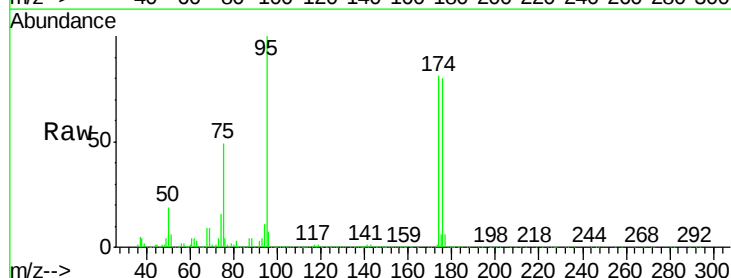
Tgt Ion: 95 Resp: 263084

Ion Ratio Lower Upper

95 100

174 88.8 0.0 183.0

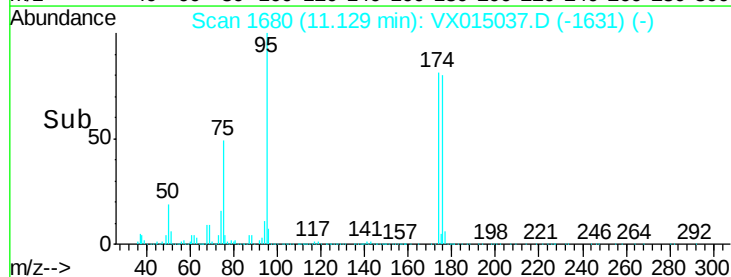
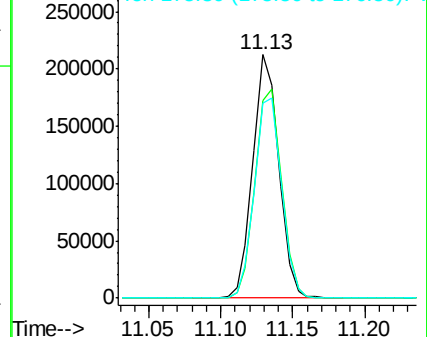
176 86.5 0.0 178.0

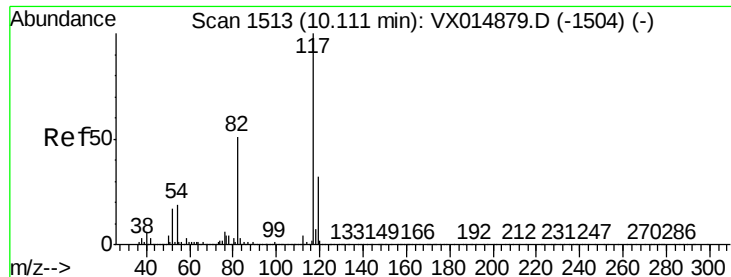


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

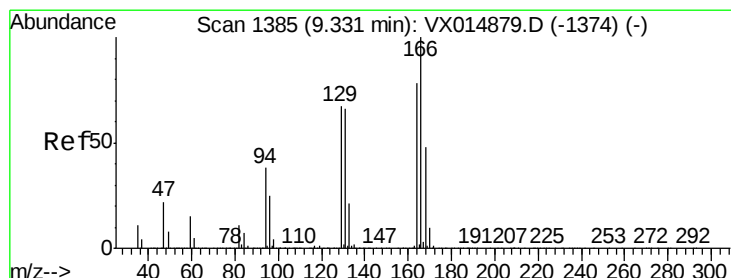
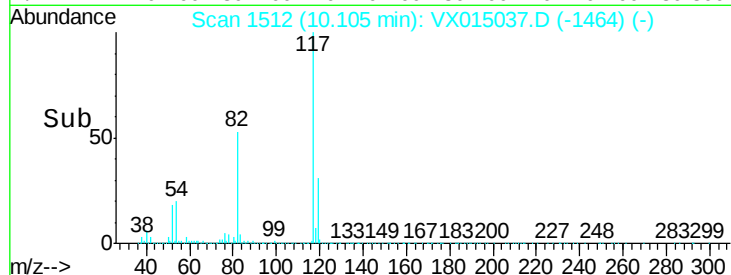
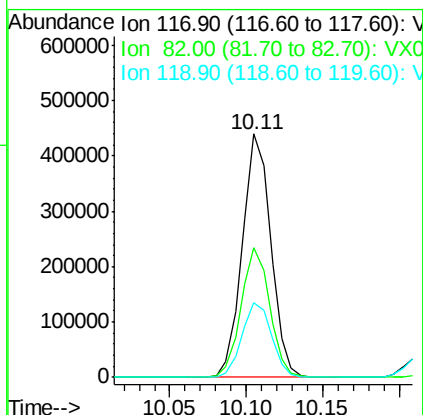
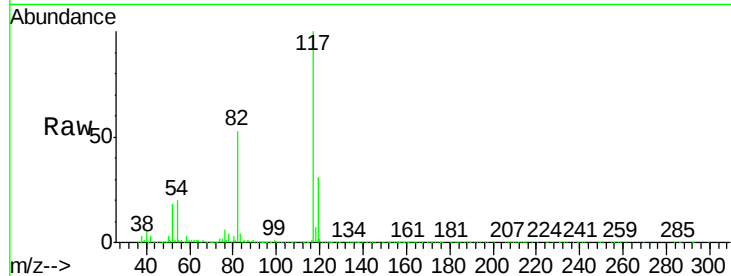




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

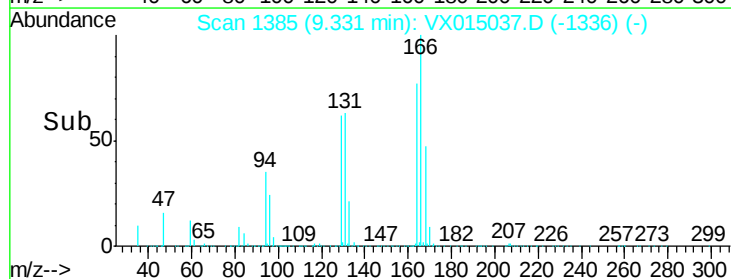
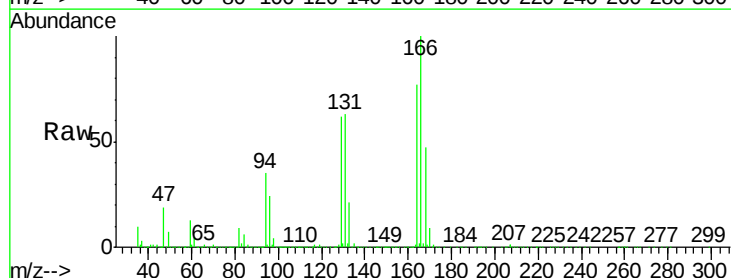
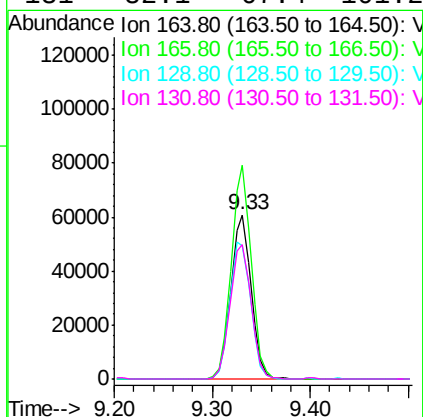
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD02

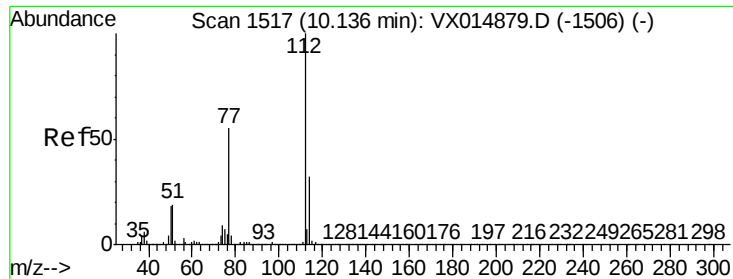
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	40.5	60.7
119	30.7	25.8	38.6



#64
Tetrachloroethene
Concen: 16.44 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	102.6	153.8
129	81.3	68.3	102.5
131	82.1	67.4	101.2

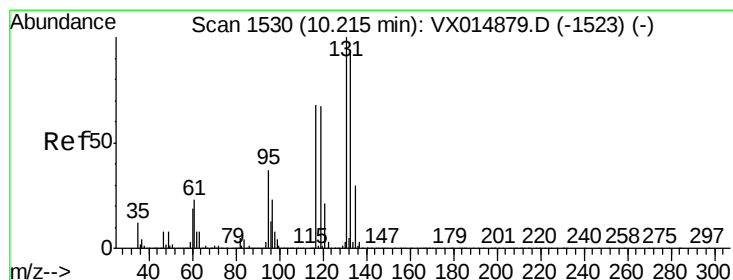
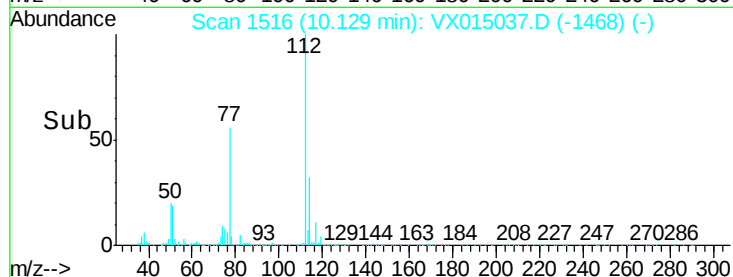
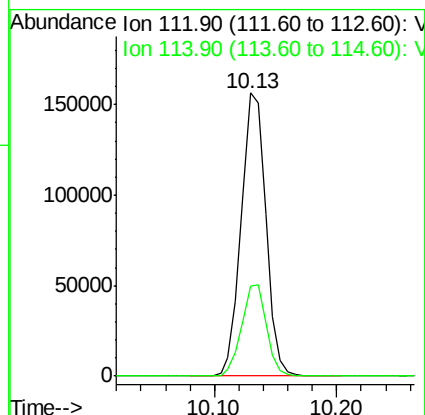
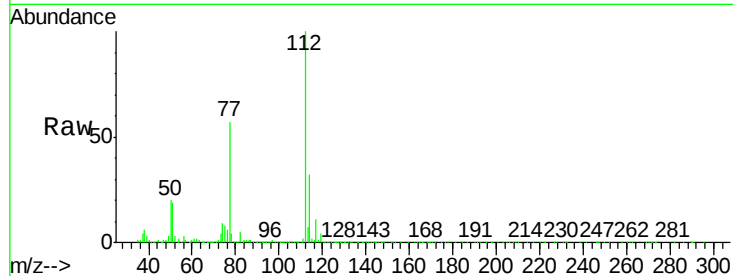




#65
Chlorobenzene
Concen: 18.83 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

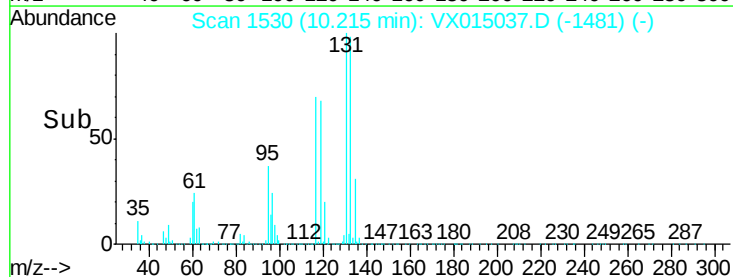
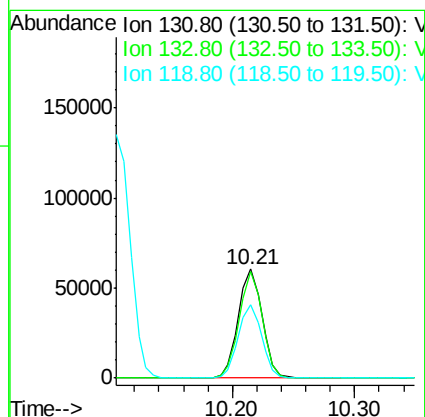
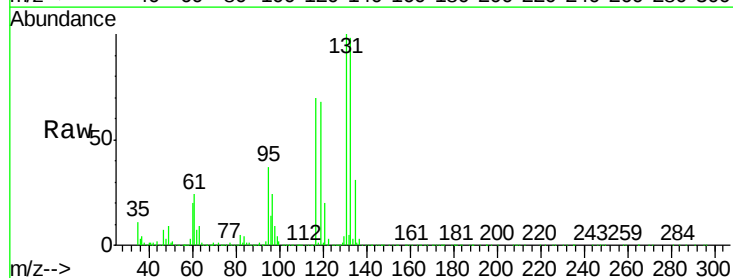
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD02

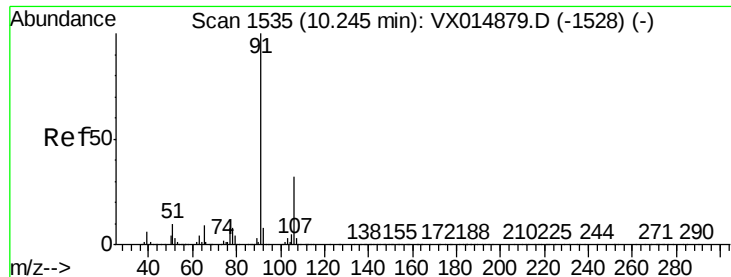
Tgt Ion: 112 Resp: 218236
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.42 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 131 Resp: 81687
Ion Ratio Lower Upper
131 100
133 93.8 48.1 144.4
119 67.0 33.0 99.0

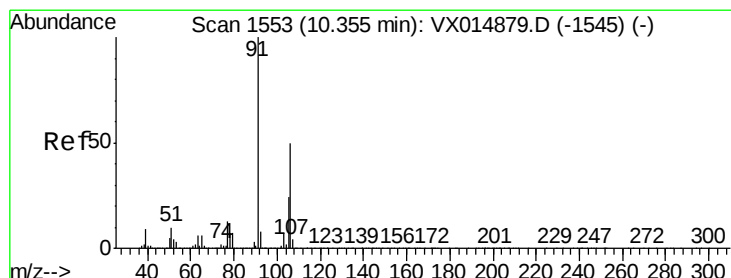
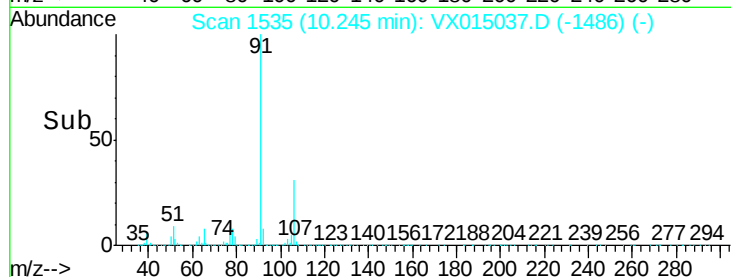
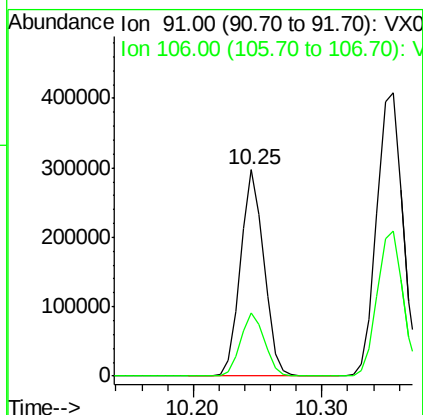
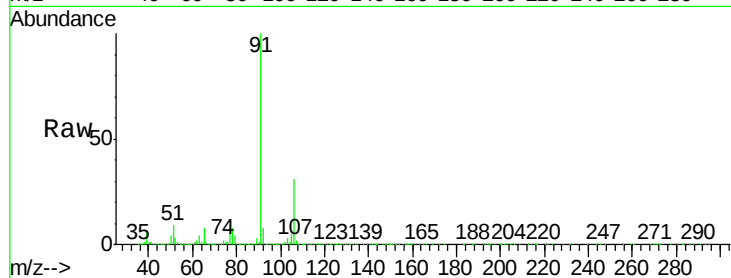




#67
Ethyl Benzene
Concen: 18.97 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

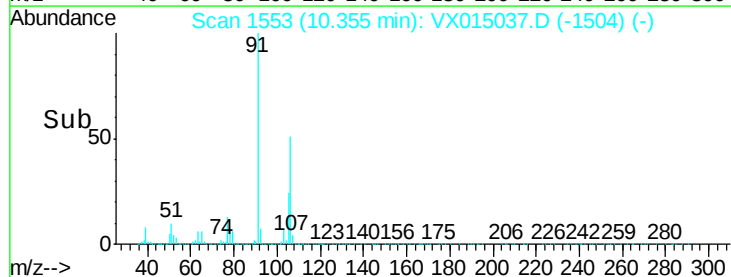
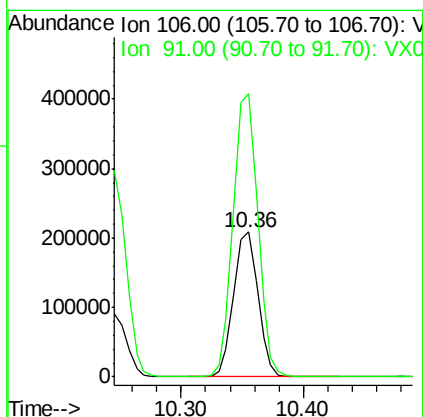
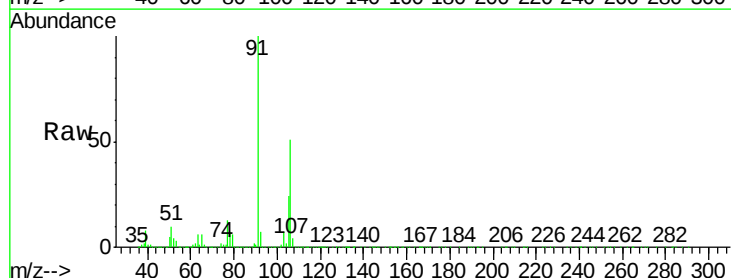
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD02

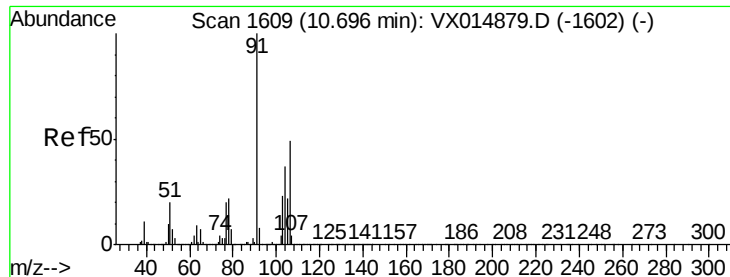
Tgt Ion: 91 Resp: 373912
Ion Ratio Lower Upper
91 100
106 30.6 25.3 37.9



#68
m/p-Xylenes
Concen: 38.01 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion: 106 Resp: 288574
Ion Ratio Lower Upper
106 100
91 197.1 160.6 240.8

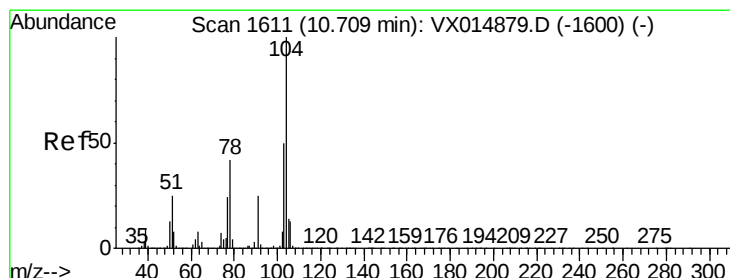
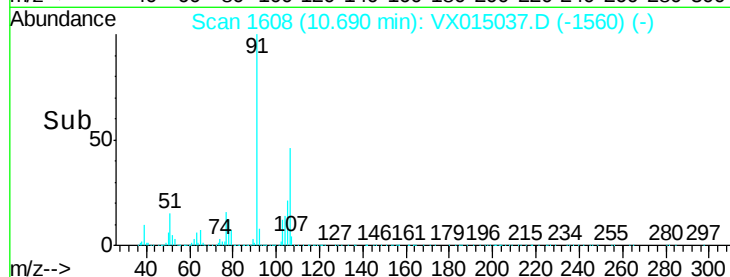
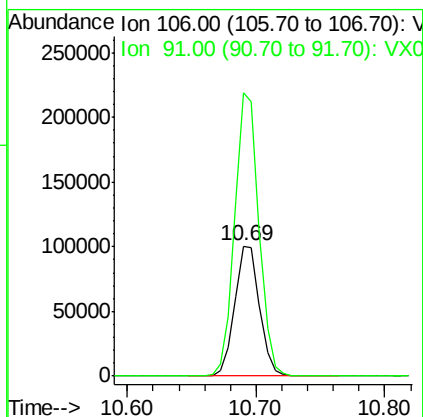
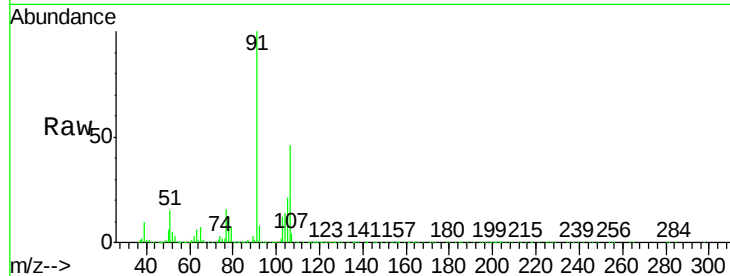




#69
o-Xylene
Concen: 18.53 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

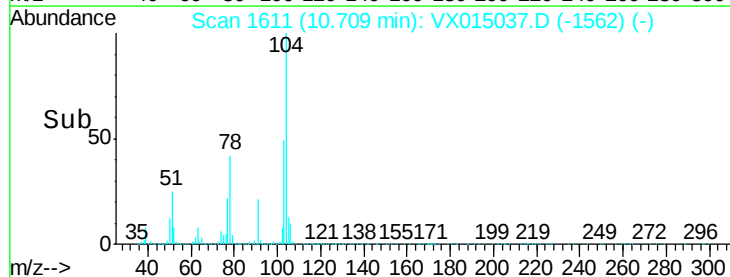
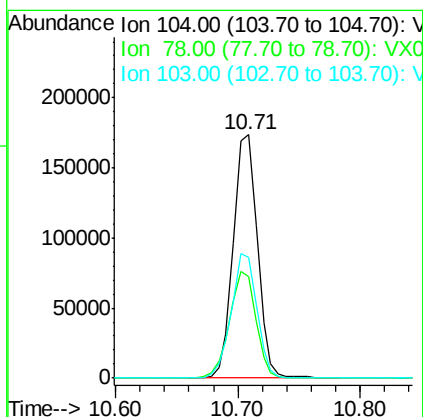
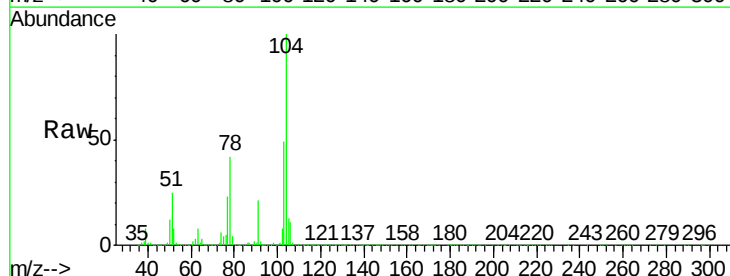
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD02

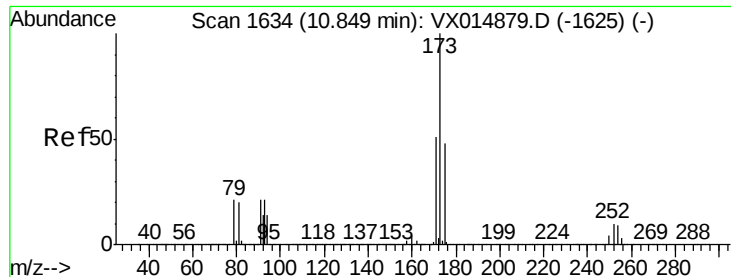
Tgt Ion:106 Resp: 135216
Ion Ratio Lower Upper
106 100
91 212.2 105.1 315.3



#70
Styrene
Concen: 19.14 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion:104 Resp: 236268
Ion Ratio Lower Upper
104 100
78 47.6 39.0 58.4
103 54.7 43.4 65.0





#71

Bromoform

Concen: 18.89 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

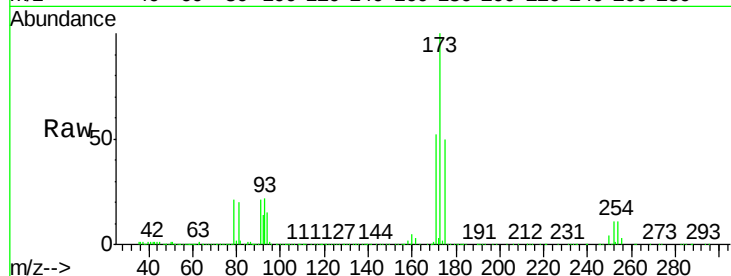
Tgt Ion:173 Resp: 66318

Ion Ratio Lower Upper

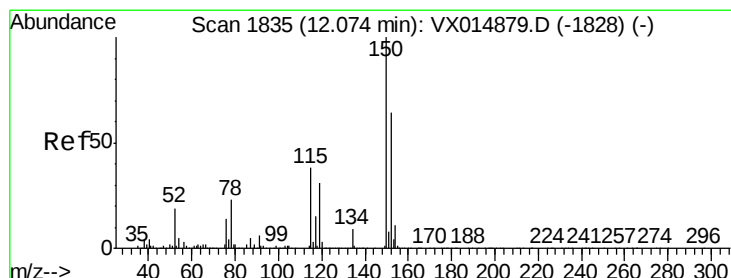
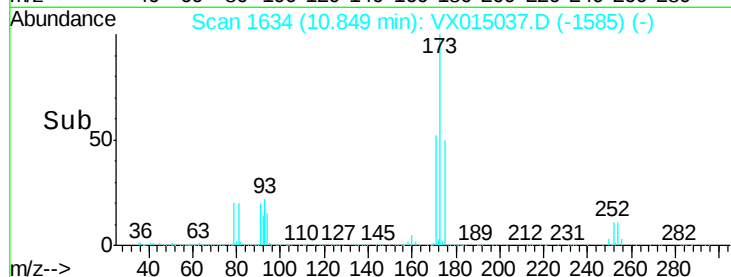
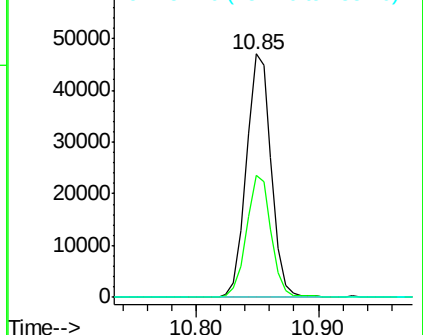
173 100

175 49.9 24.2 72.6

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

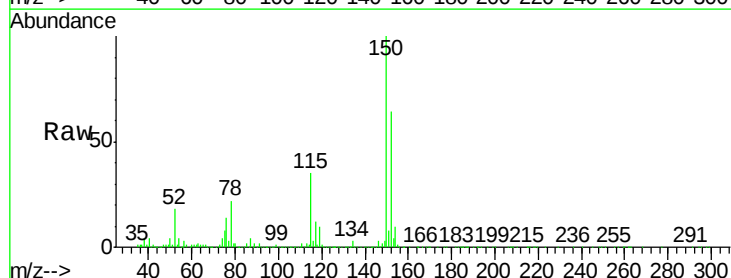
Tgt Ion:152 Resp: 300023

Ion Ratio Lower Upper

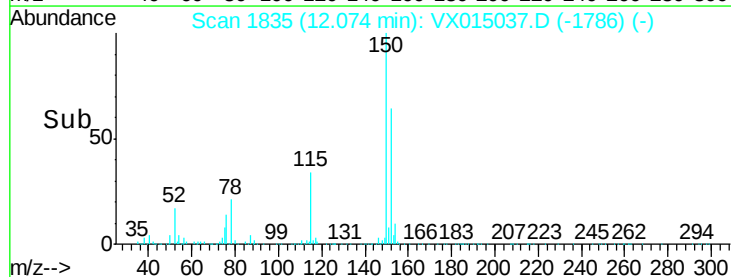
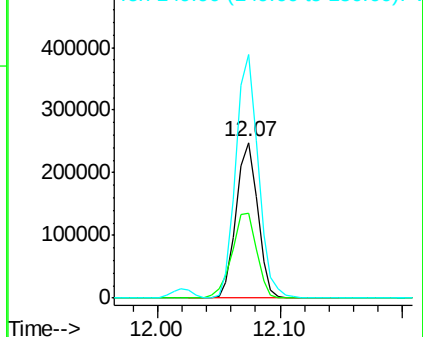
152 100

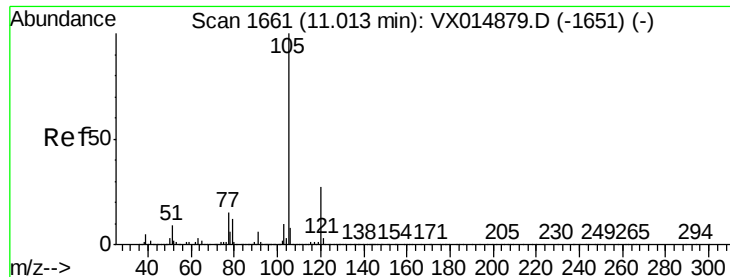
115 62.8 38.6 116.0

150 163.3 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.55 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

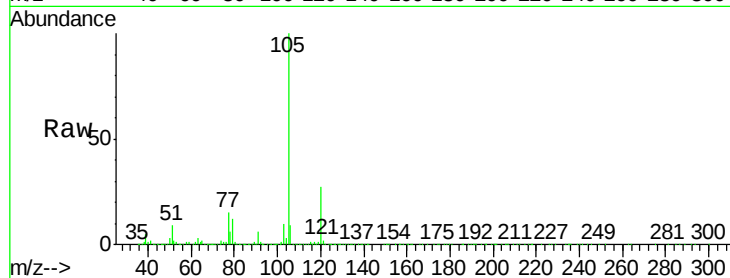
VX0227WBSD02

Tgt Ion: 105 Resp: 367801

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

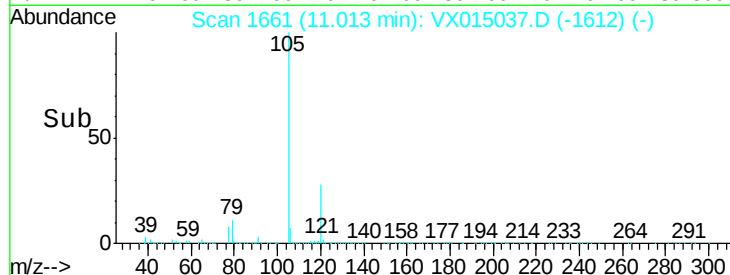
200000

100000

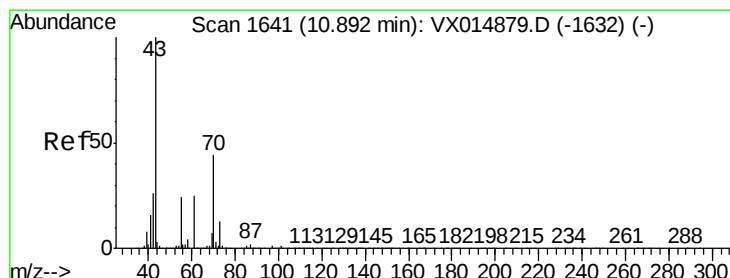
0

11.01

10.90 11.00 11.10



Time-->



#74

N-ethyl acetate

Concen: 20.22 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Tgt Ion: 43 Resp: 158078

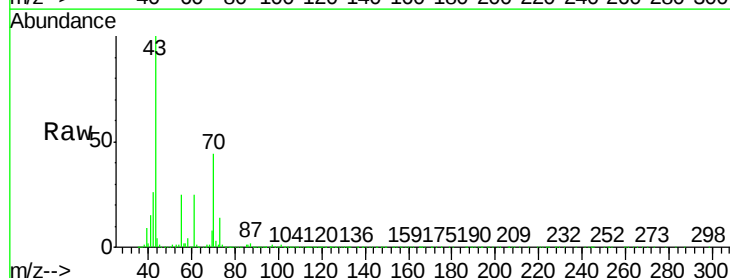
Ion Ratio Lower Upper

43 100

70 43.6 35.0 52.4

55 24.6 19.4 29.2

61 24.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

150000

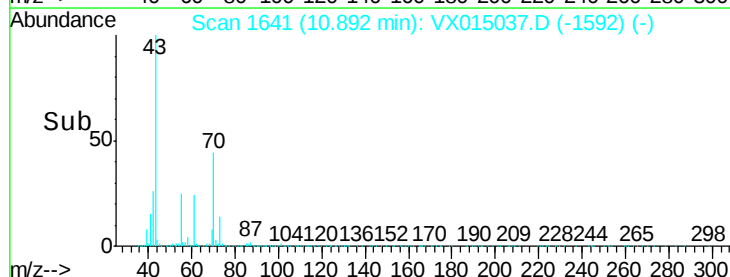
100000

50000

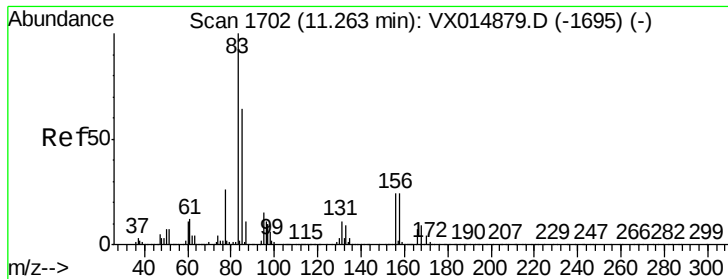
0

10.89

10.90 11.00



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 20.87 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

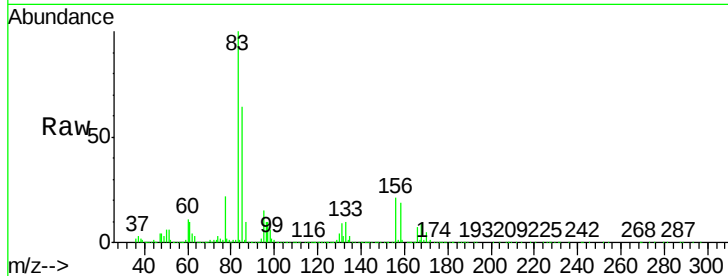
Tgt Ion: 83 Resp: 128371

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

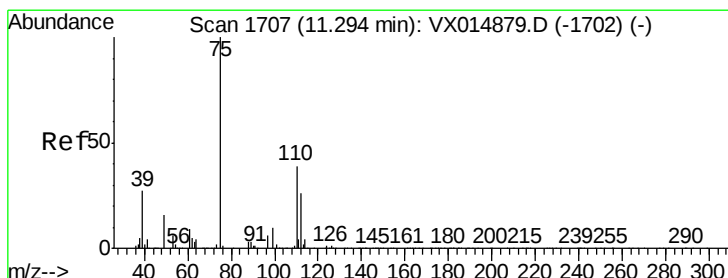
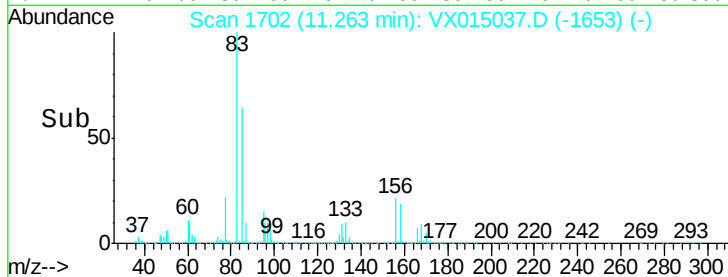
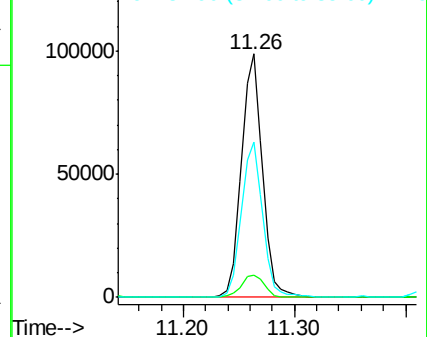
85 64.4 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.52 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015037.D

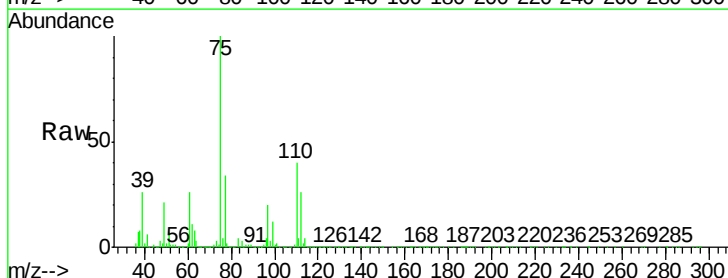
Acq: 27 Feb 2020 11:06

Tgt Ion: 75 Resp: 143884

Ion Ratio Lower Upper

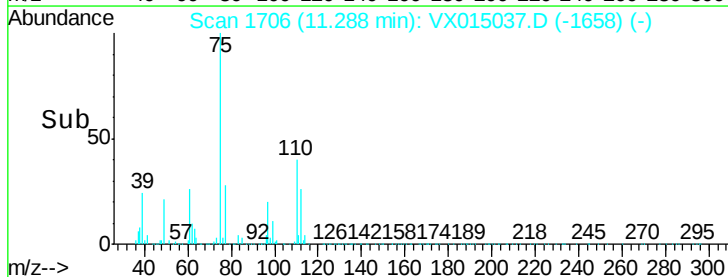
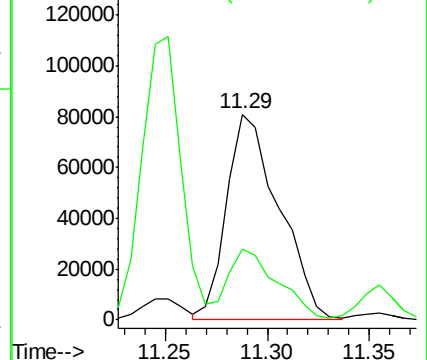
75 100

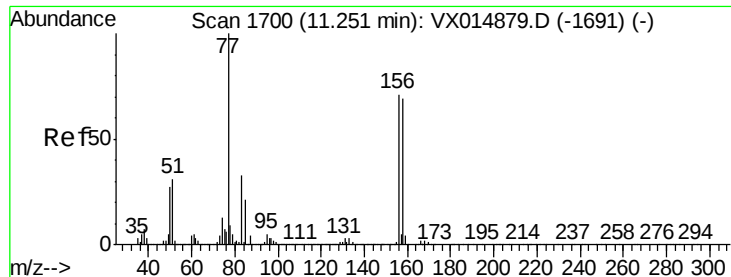
77 32.8 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.27 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

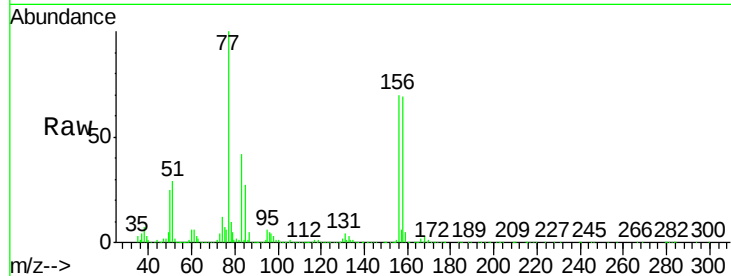
Tgt Ion: 156 Resp: 101182

Ion Ratio Lower Upper

156 100

77 146.3 74.0 222.0

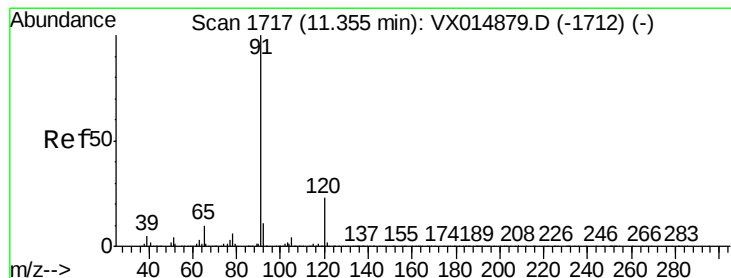
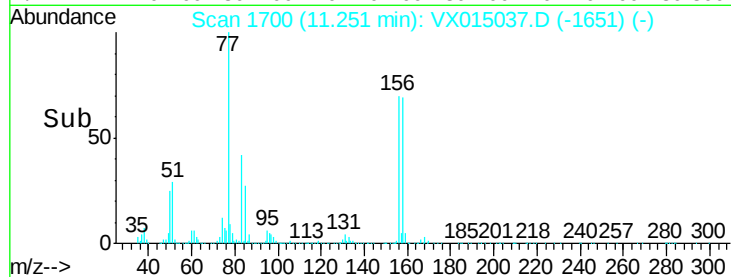
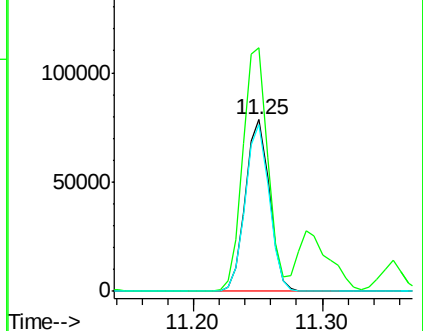
158 96.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.70 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015037.D

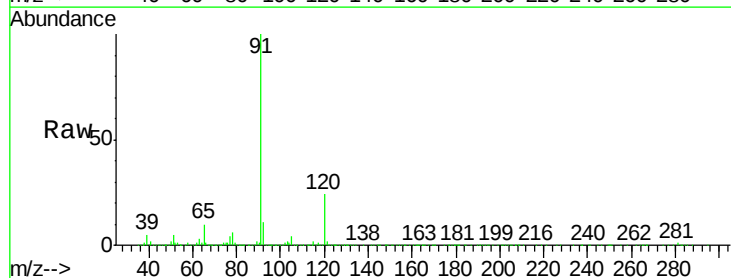
Acq: 27 Feb 2020 11:06

Tgt Ion: 91 Resp: 428694

Ion Ratio Lower Upper

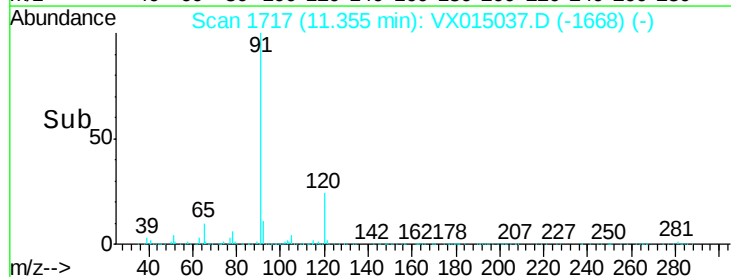
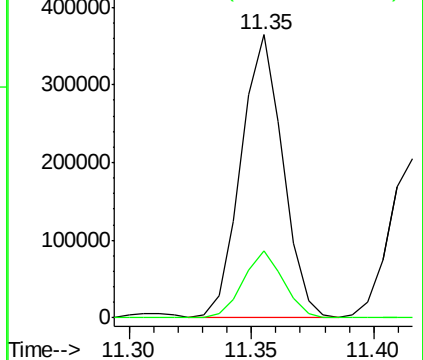
91 100

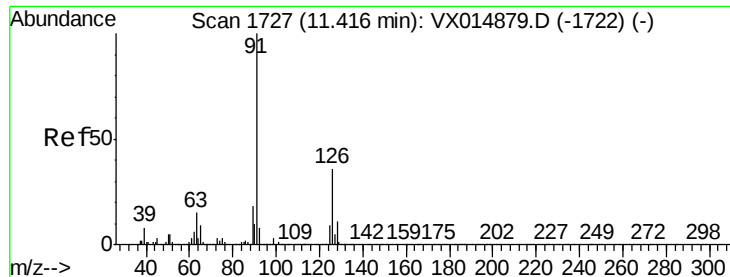
120 23.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.46 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

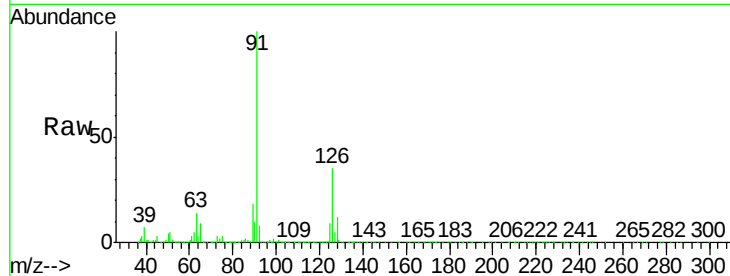
VX0227WBSD02

Tgt Ion: 91 Resp: 248968

Ion Ratio Lower Upper

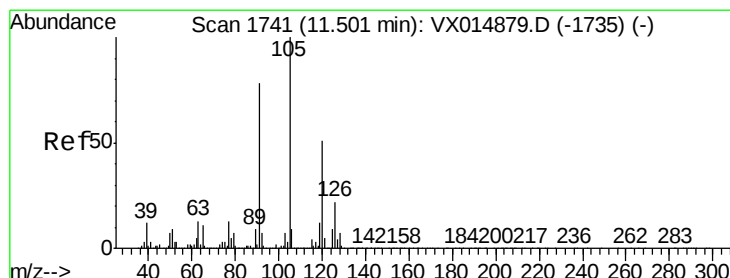
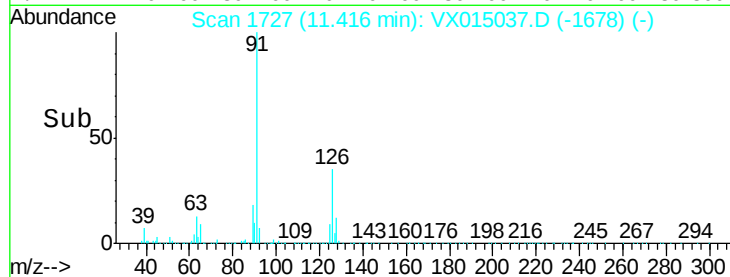
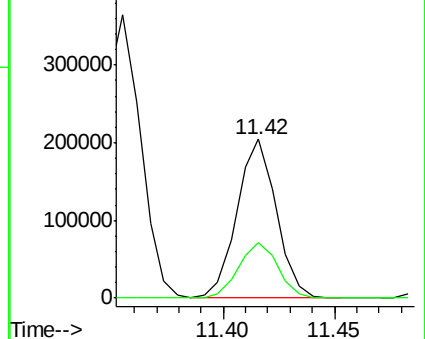
91 100

126 35.8 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.79 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015037.D

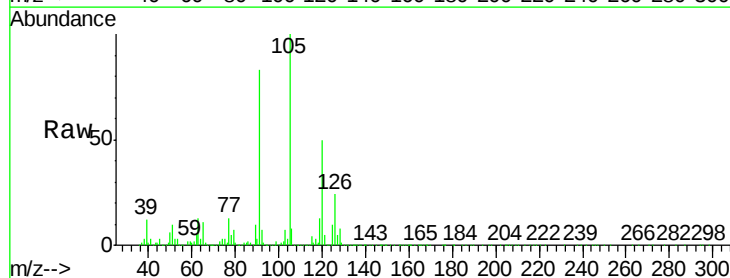
Acq: 27 Feb 2020 11:06

Tgt Ion: 105 Resp: 311057

Ion Ratio Lower Upper

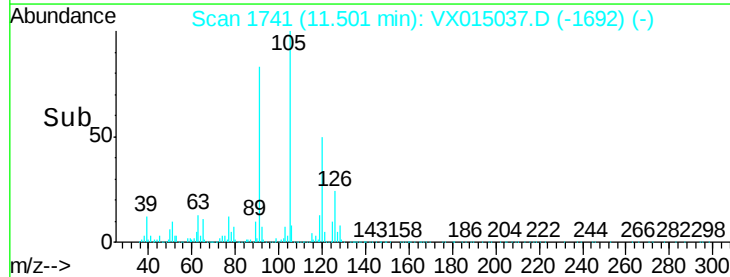
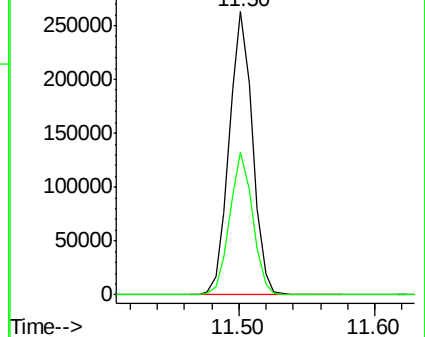
105 100

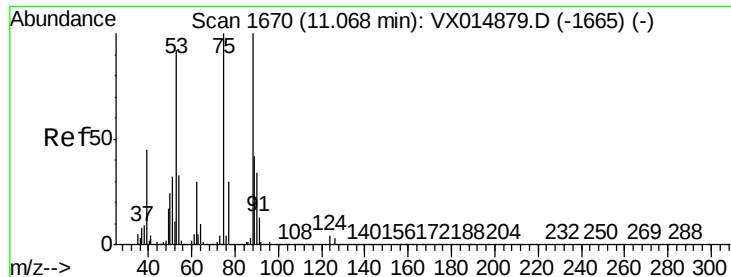
120 49.6 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.11 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

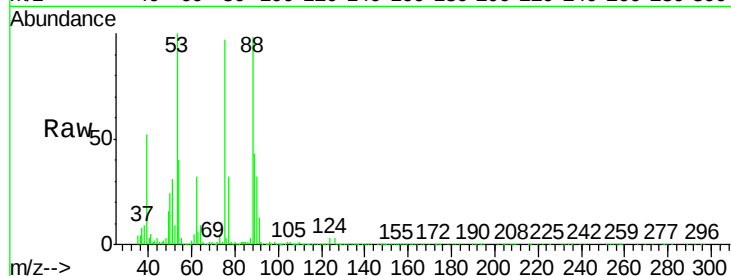
Tgt Ion: 75 Resp: 40500

Ion Ratio Lower Upper

75 100

53 99.8 76.2 114.2

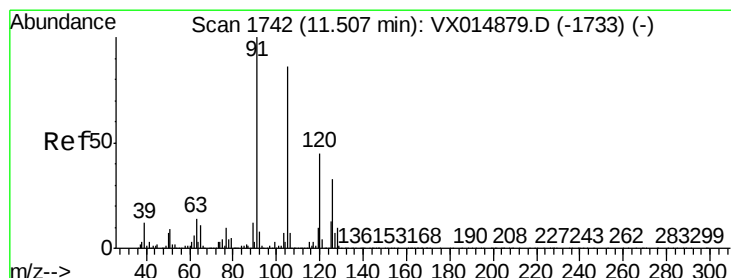
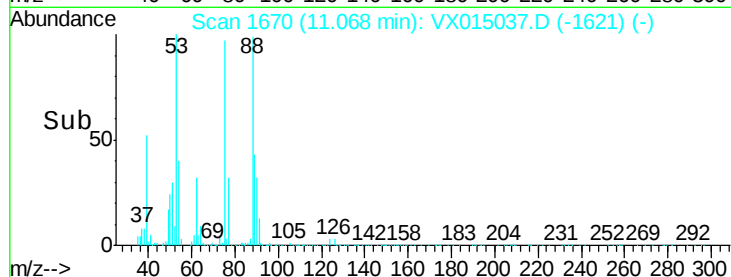
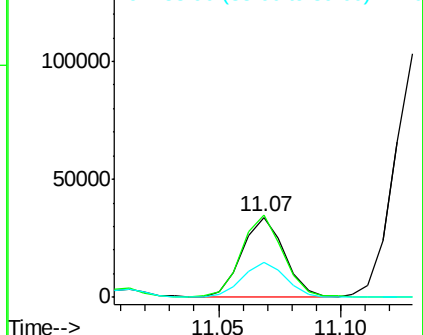
89 46.1 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.33 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015037.D

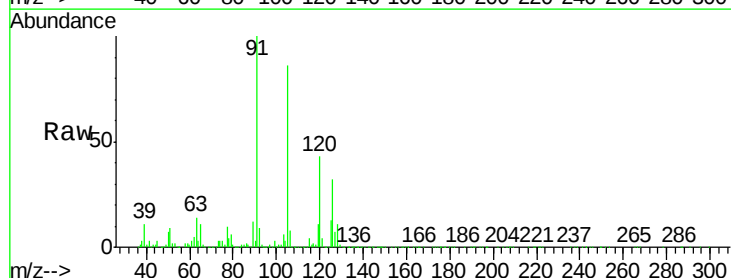
Acq: 27 Feb 2020 11:06

Tgt Ion: 91 Resp: 292925

Ion Ratio Lower Upper

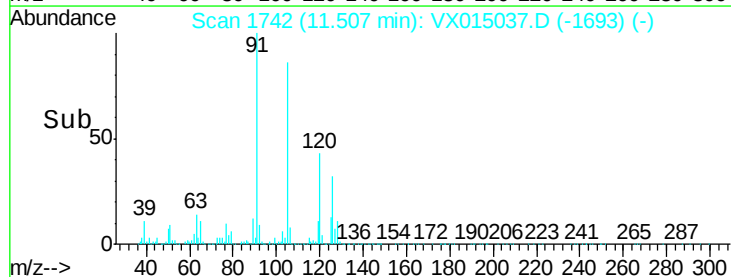
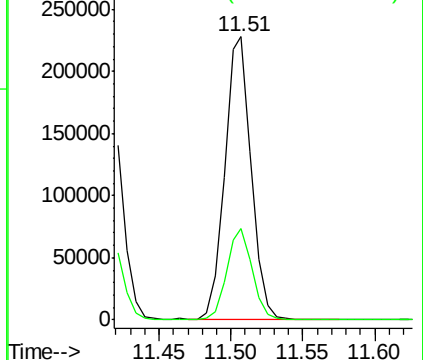
91 100

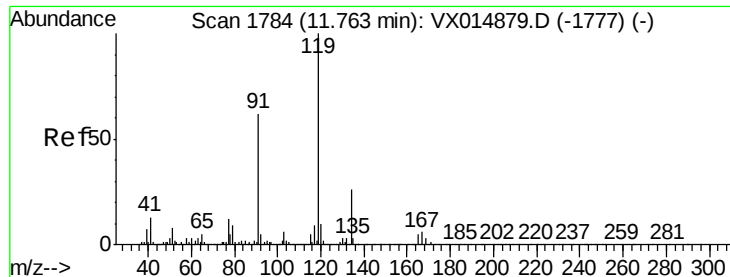
126 31.0 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

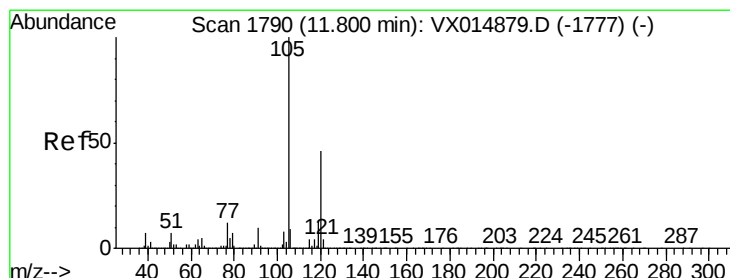
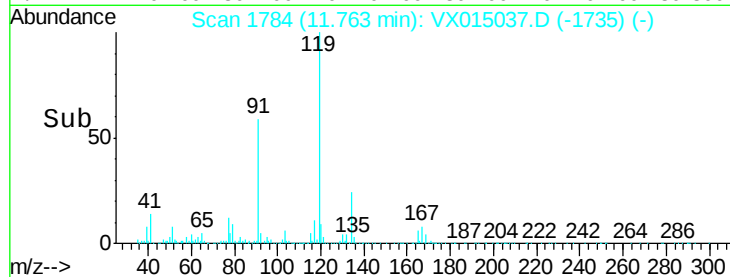
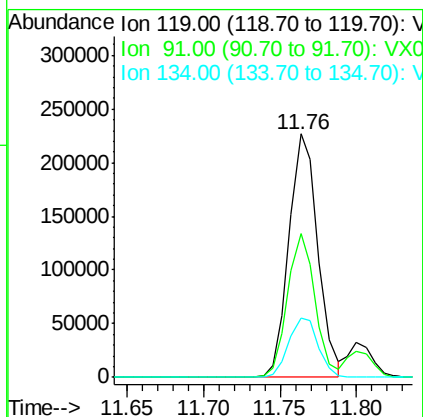
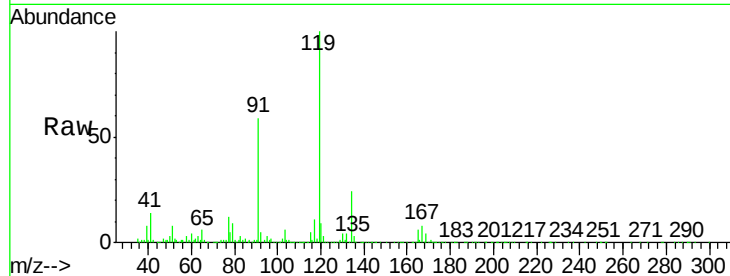




#83
 tert-Butylbenzene
 Concen: 19.88 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

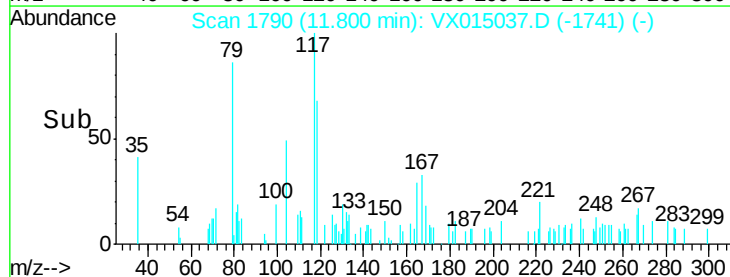
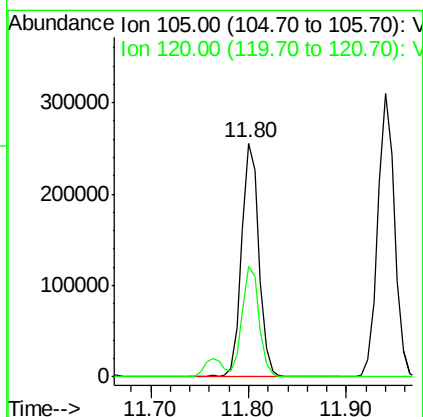
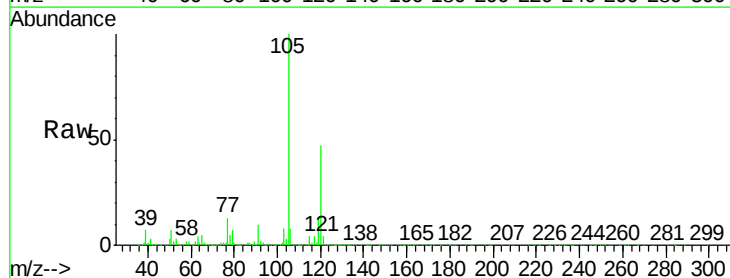
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD02

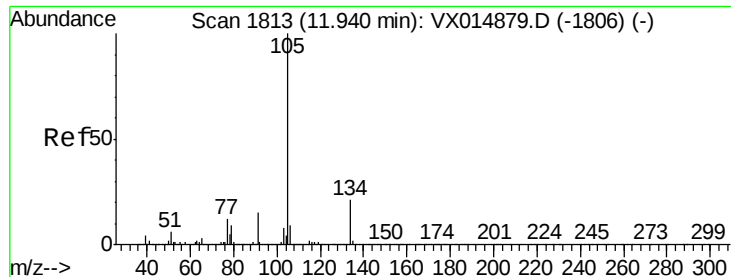
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.4	29.5	88.6
134	25.0	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.80 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.0	69.0





#85

sec-Butylbenzene

Concen: 19.88 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

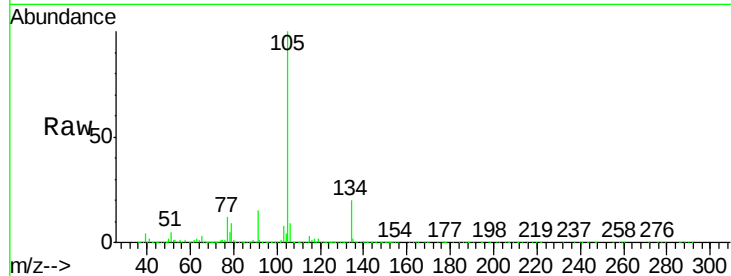
VX0227WBSD02

Tgt Ion:105 Resp: 367629

Ion Ratio Lower Upper

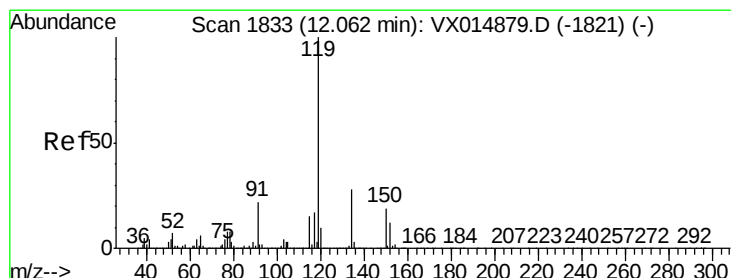
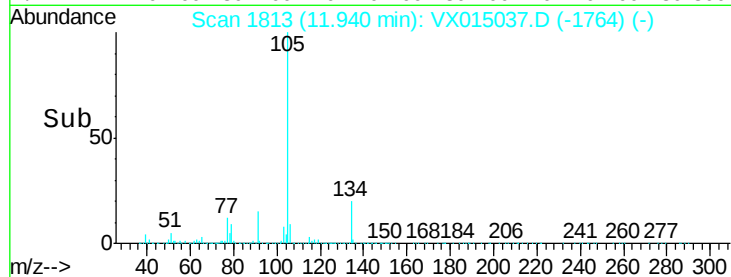
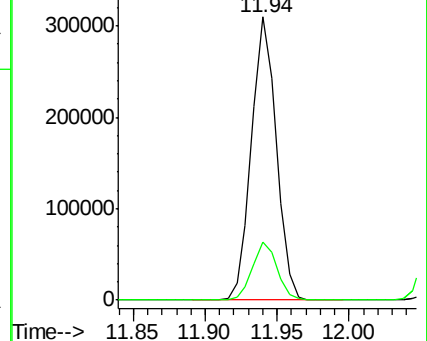
105 100

134 20.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.37 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

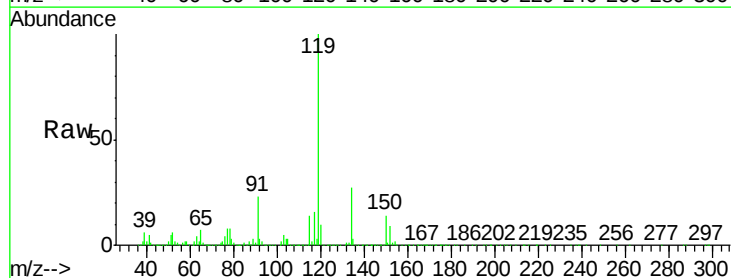
Tgt Ion:119 Resp: 335222

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

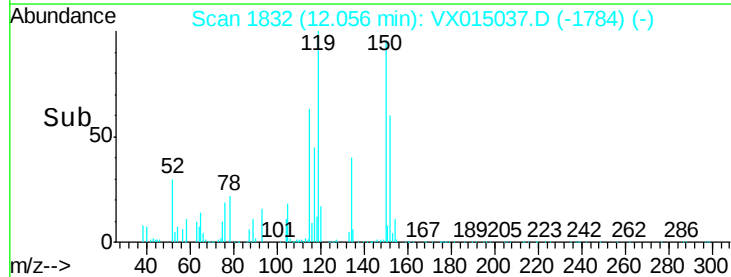
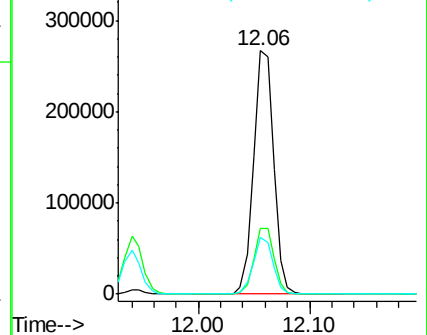
91 22.7 11.4 34.1

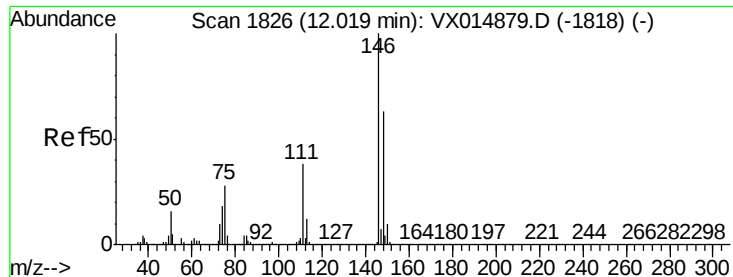


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.14 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

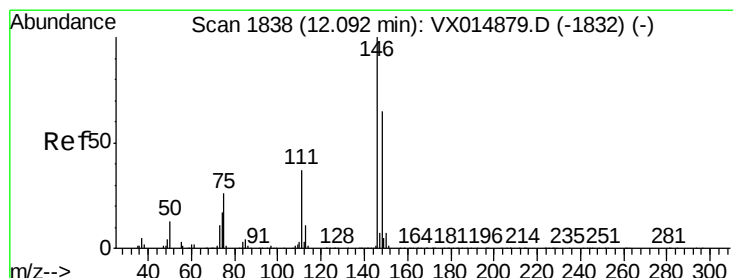
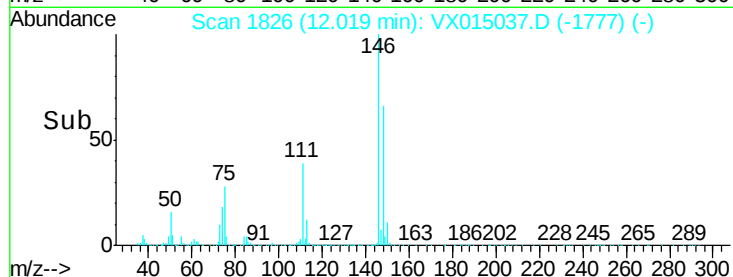
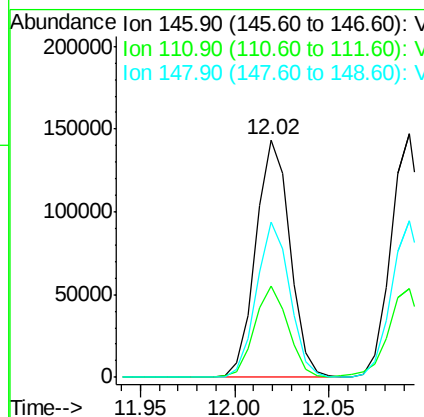
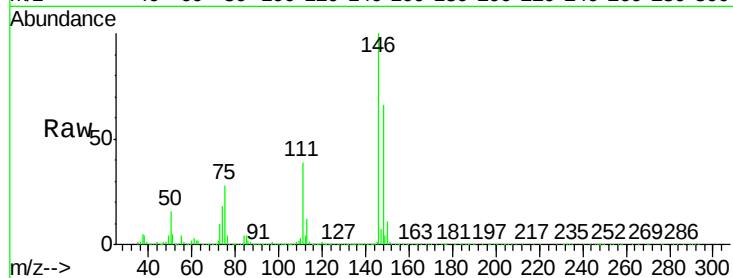
Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

Tgt Ion:	146	Resp:	180307
Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	56.0
148	63.8	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 18.75 ug/l

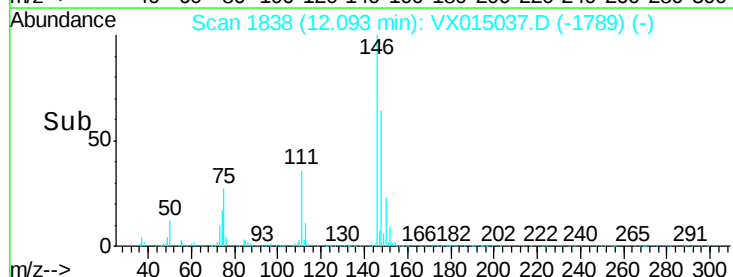
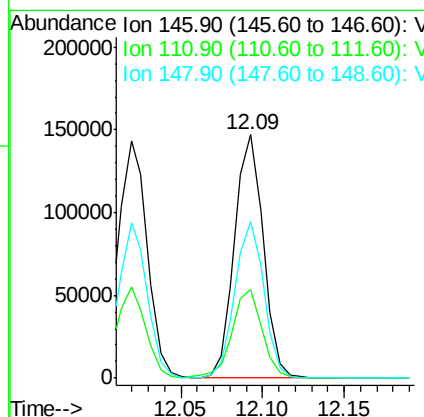
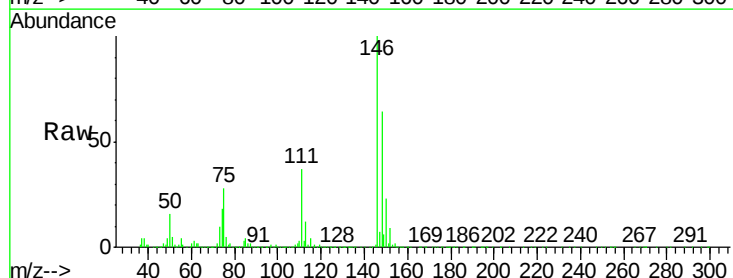
RT: 12.09 min Scan# 1838

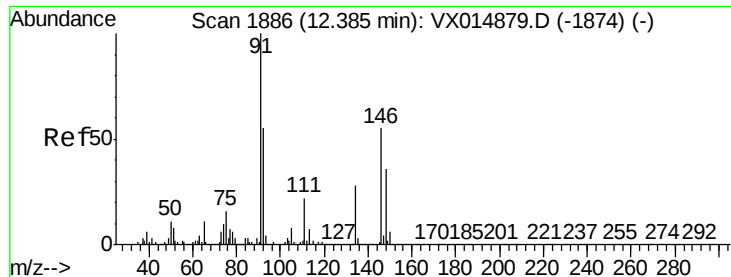
Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Tgt Ion:	146	Resp:	180414
Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.6
148	64.9	32.4	97.0





#89

n-Butylbenzene

Concen: 19.00 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

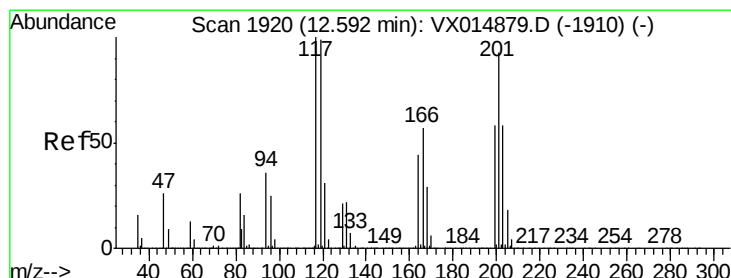
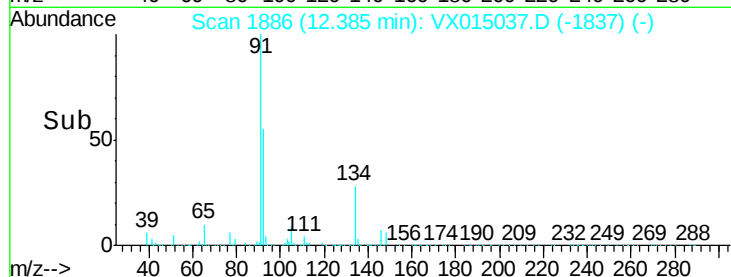
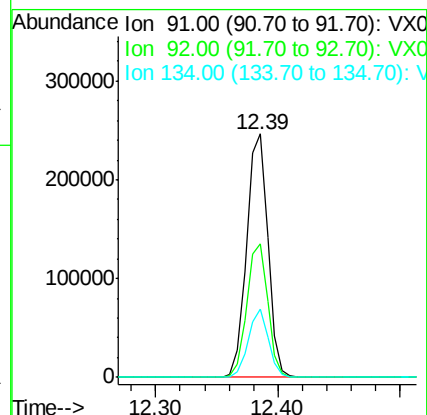
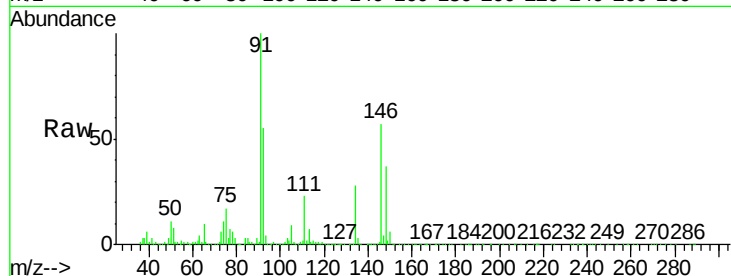
Tgt Ion: 91 Resp: 294476

Ion Ratio Lower Upper

91 100

92 54.1 27.3 81.8

134 26.7 13.8 41.4



#90

Hexachloroethane

Concen: 18.76 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015037.D

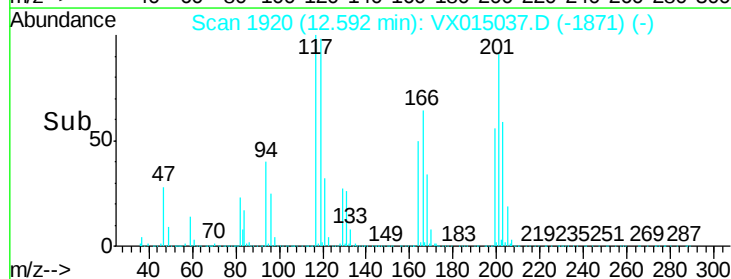
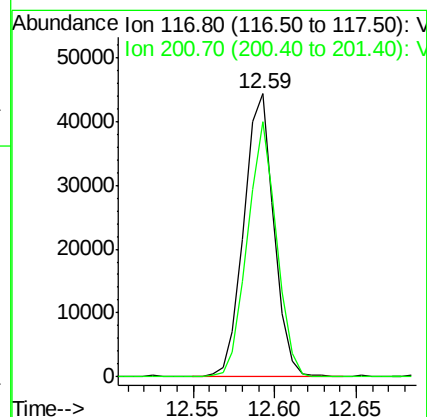
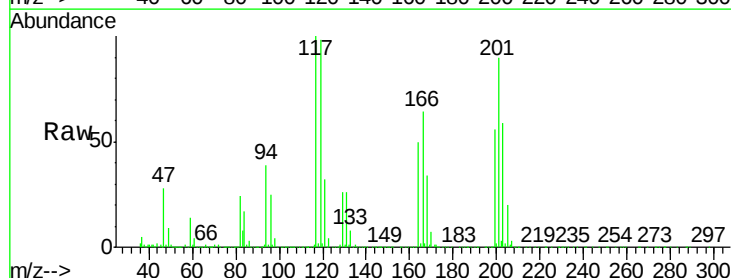
Acq: 27 Feb 2020 11:06

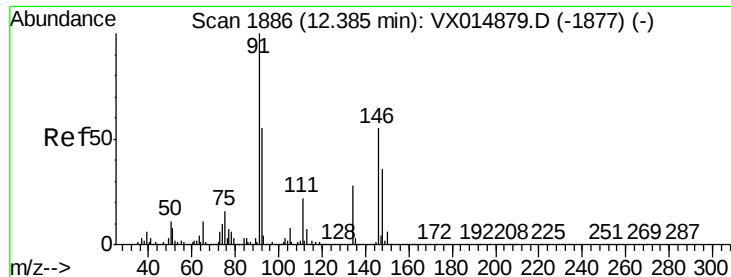
Tgt Ion: 117 Resp: 56703

Ion Ratio Lower Upper

117 100

201 87.5 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.09 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD02

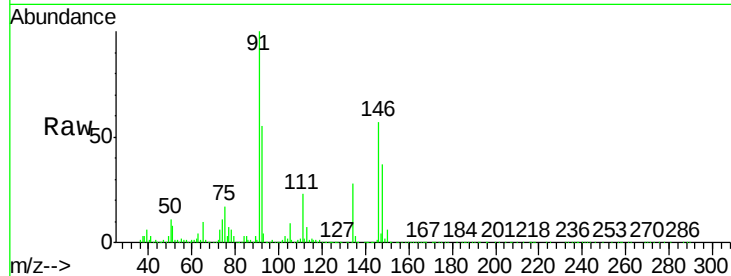
Tgt Ion: 146 Resp: 176369

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.3

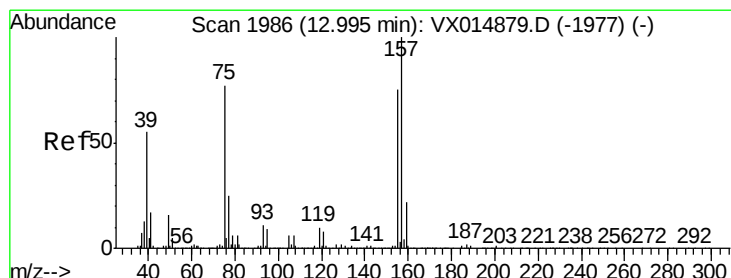
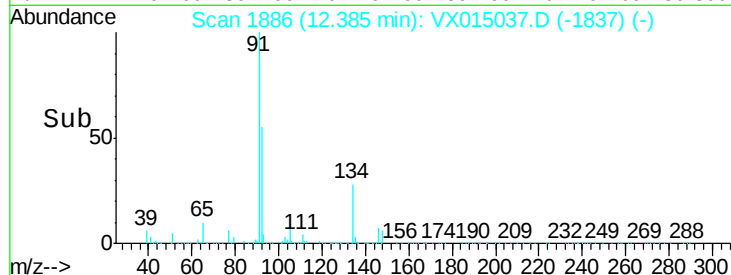
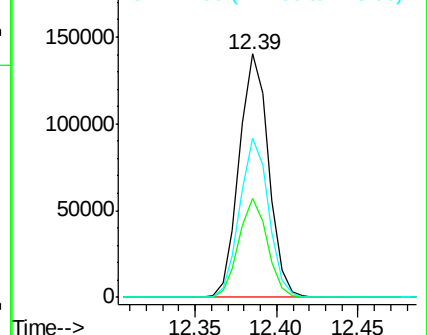
148 64.3 32.4 97.2



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: 18.64 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015037.D

Acq: 27 Feb 2020 11:06

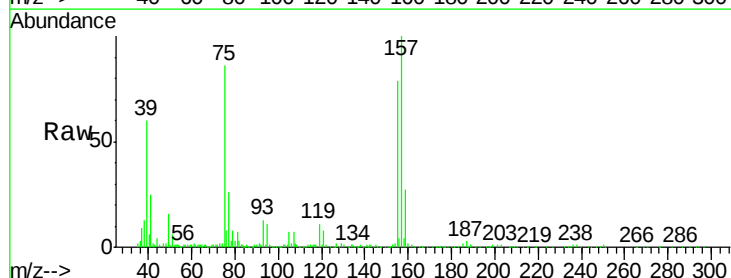
Tgt Ion: 75 Resp: 26890

Ion Ratio Lower Upper

75 100

155 94.0 48.6 145.9

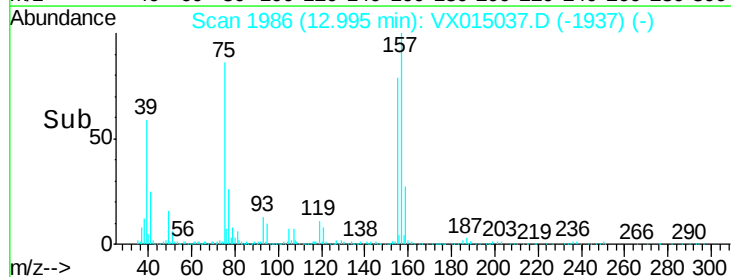
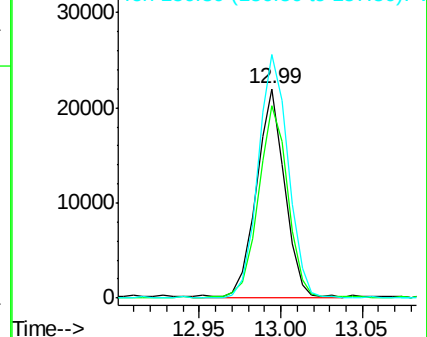
157 122.4 62.0 186.0

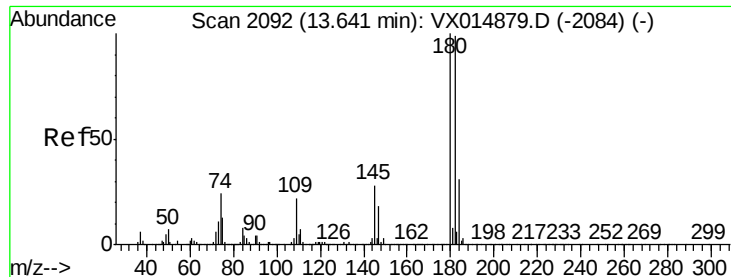


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

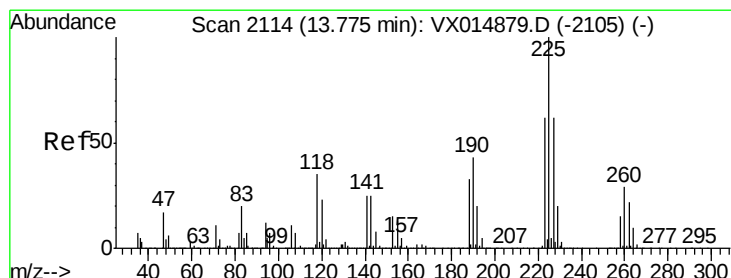
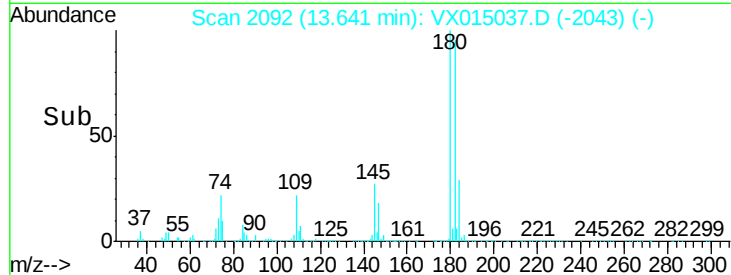
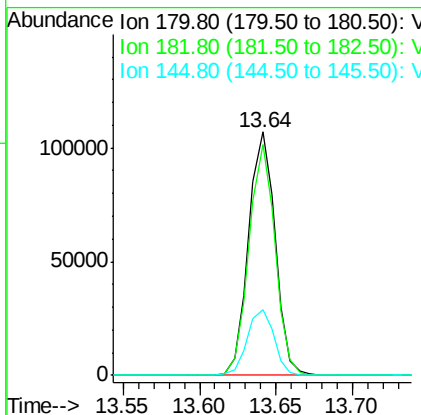
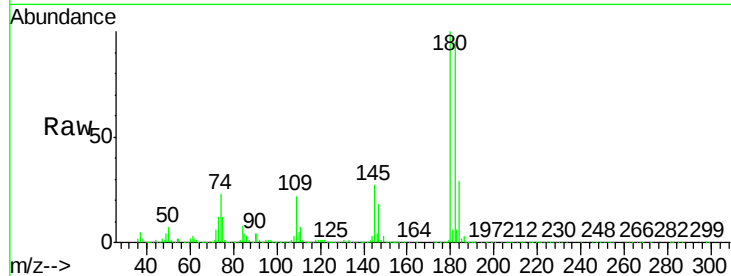




#93
 1,2,4-Trichlorobenzene
 Concen: 19.05 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

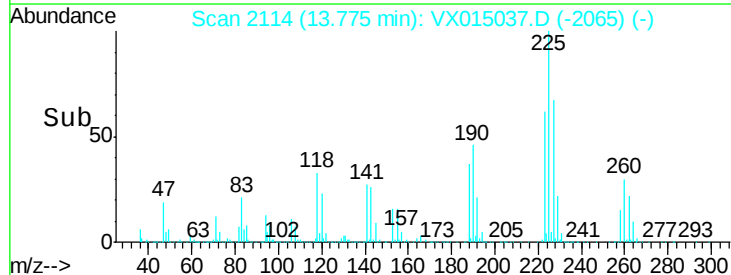
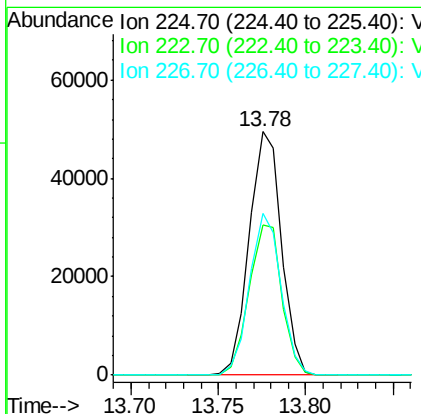
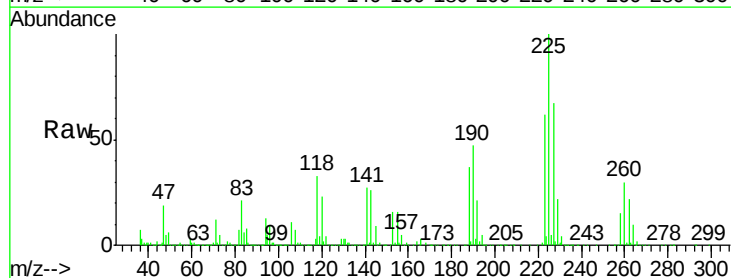
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD02

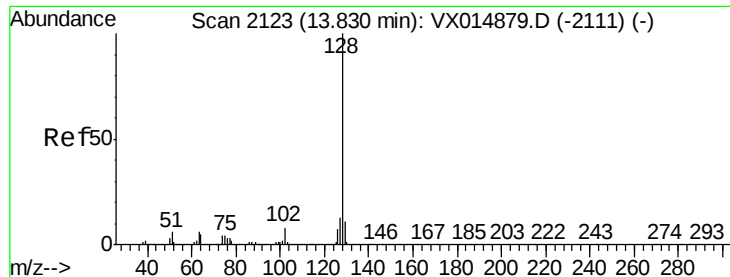
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	48.4	145.3
145	27.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 19.27 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015037.D
 Acq: 27 Feb 2020 11:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.1	93.2
227	64.8	30.9	92.5

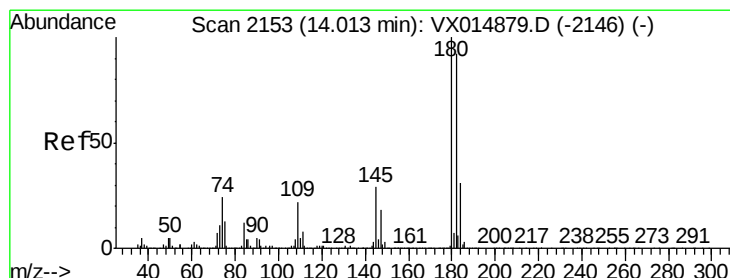
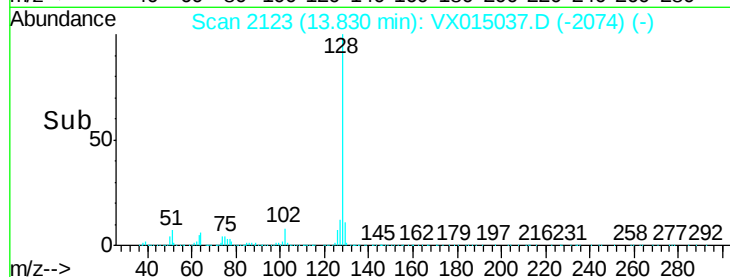
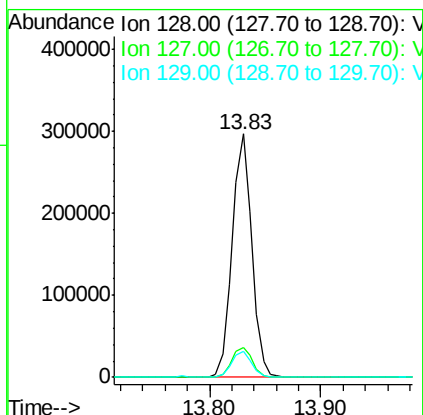
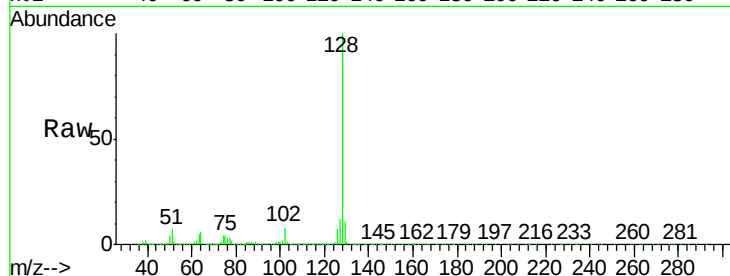




#95
Naphthalene
Concen: 19.96 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.55 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015037.D
Acq: 27 Feb 2020 11:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.6
145	28.9	14.5	43.5

