

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX013120\
 Data File : VX014775.D
 Acq On : 31 Jan 2020 10:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jan 31 15:35:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	429193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	624912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	568877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305854	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	237606	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	5.48	113	195129	49.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.71	98	745228	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	267771	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	284030	49.31	ug/l	100
3) Chloromethane	1.32	50	271115	46.69	ug/l	99
4) Vinyl Chloride	1.41	62	320455	51.04	ug/l	99
5) Bromomethane	1.63	94	198561	46.57	ug/l	99
6) Chloroethane	1.72	64	175440	48.81	ug/l	99
7) Trichlorofluoromethane	1.92	101	365328	49.98	ug/l	98
8) Diethyl Ether	2.18	74	151400	47.45	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	219478	51.15	ug/l	99
10) Methyl Iodide	2.50	142	285560	50.71	ug/l	99
11) Tert butyl alcohol	3.03	59	224262	199.30	ug/l	99
12) 1,1-Dichloroethene	2.37	96	205970	48.28	ug/l	99
13) Acrolein	2.28	56	285821	322.15	ug/l	100
14) Allyl chloride	2.72	41	378081	49.30	ug/l	98
15) Acrylonitrile	3.12	53	606755	233.05	ug/l	99
16) Acetone	2.43	43	753170	274.18	ug/l	100
17) Carbon Disulfide	2.56	76	549512	47.12	ug/l	99
18) Methyl Acetate	2.76	43	373164	47.59	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	715771	51.22	ug/l	98
20) Methylene Chloride	2.84	84	242956	47.80	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	226845	48.29	ug/l	99
22) Diisopropyl ether	3.84	45	788511	51.68	ug/l	97
23) Vinyl Acetate	3.79	43	3040481	261.42	ug/l	99
24) 1,1-Dichloroethane	3.69	63	418863	50.55	ug/l	99
25) 2-Butanone	4.65	43	957925	243.40	ug/l	98
26) 2,2-Dichloropropane	4.57	77	350592	52.86	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	261482	49.73	ug/l	99
28) Bromochloromethane	5.00	49	157592	43.28	ug/l	99
29) Tetrahydrofuran	5.11	42	542575	232.28	ug/l	99
30) Chloroform	5.19	83	421398	51.34	ug/l	99
31) Cyclohexane	5.57	56	385545	49.47	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	357765	51.56	ug/l	99
36) 1,1-Dichloropropene	5.78	75	315384	54.31	ug/l	99
37) Ethyl Acetate	4.81	43	332691	50.02	ug/l	99
38) Carbon Tetrachloride	5.77	117	312655	56.38	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	396025	54.44	ug/l	97
40) Benzene	6.13	78	948606	52.87	ug/l	99
41) Methacrylonitrile	5.01	41	188660	49.72	ug/l	99
42) 1,2-Dichloroethane	6.18	62	337194	54.42	ug/l	99
43) Isopropyl Acetate	6.43	43	550221	50.52	ug/l	99
44) Trichloroethene	7.20	130	266086	52.51	ug/l	93
45) 1,2-Dichloropropane	7.50	63	249778	54.04	ug/l	98
46) Dibromomethane	7.65	93	161424	53.92	ug/l	100
47) Bromodichloromethane	7.89	83	330915	56.36	ug/l	99
48) Methyl methacrylate	7.76	41	277794	53.39	ug/l	99
49) 1,4-Dioxane	7.73	88	95627	866.96	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1722785	250.64	ug/l	100
52) Toluene	8.78	92	603059	54.68	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	361477	57.18	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	401802	57.77	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	245860	54.45	ug/l	98
56) Ethyl methacrylate	9.17	69	380216	49.68	ug/l	99
57) 1,3-Dichloropropane	9.36	76	416466	53.95	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	602535	265.34	ug/l	99
59) 2-Hexanone	9.48	43	1368849	256.63	ug/l	99
60) Dibromochloromethane	9.57	129	264886	56.20	ug/l	99
61) 1,2-Dibromoethane	9.67	107	256220	53.67	ug/l	99
64) Tetrachloroethene	9.33	164	286668	50.91	ug/l	98
65) Chlorobenzene	10.13	112	654023	53.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	246025	54.84	ug/l	100
67) Ethyl Benzene	10.24	91	1163600	56.01	ug/l	100
68) m/p-Xylenes	10.35	106	885361	112.48	ug/l	100
69) o-Xylene	10.69	106	422584	55.61	ug/l	100
70) Styrene	10.70	104	741696	58.19	ug/l	99
71) Bromoform	10.85	173	203831	57.13	ug/l	# 100
73) Isopropylbenzene	11.01	105	1145303	53.26	ug/l	100
74) N-amyl acetate	10.89	43	480527	50.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	357023	46.50	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	428180	60.17	ug/l	91
77) Bromobenzene	11.25	156	298796	51.72	ug/l	97
78) n-propylbenzene	11.35	91	1330122	54.49	ug/l	100
79) 2-Chlorotoluene	11.42	91	770819	52.19	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	973418	54.54	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	124173	49.66	ug/l	100
82) 4-Chlorotoluene	11.50	91	913752	54.34	ug/l	99
83) tert-Butylbenzene	11.76	119	913906	54.49	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	975097	54.47	ug/l	99
85) sec-Butylbenzene	11.94	105	1143219	55.64	ug/l	99
86) p-Isopropyltoluene	12.06	119	1061575	55.91	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	533824	51.41	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	544600	52.36	ug/l	99
89) n-Butylbenzene	12.38	91	941831	56.95	ug/l	99
90) Hexachloroethane	12.59	117	188079	53.33	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	533405	51.72	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76423	46.32	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

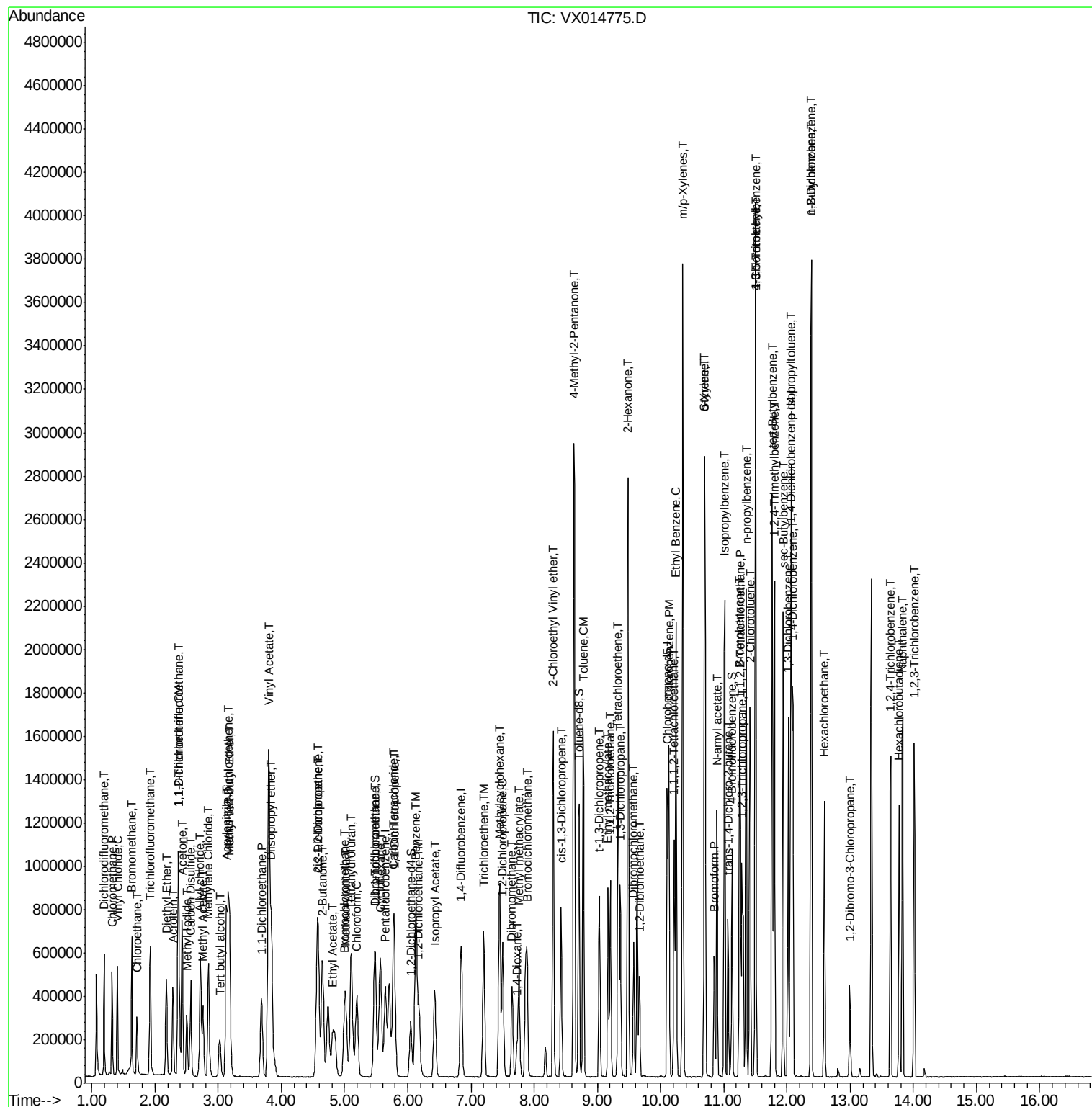
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	372949	56.09	ug/l	99
94) Hexachlorobutadiene	13.77	225	190645	55.71	ug/l	96
95) Naphthalene	13.83	128	1052024	49.09	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	373987	55.63	ug/l	98

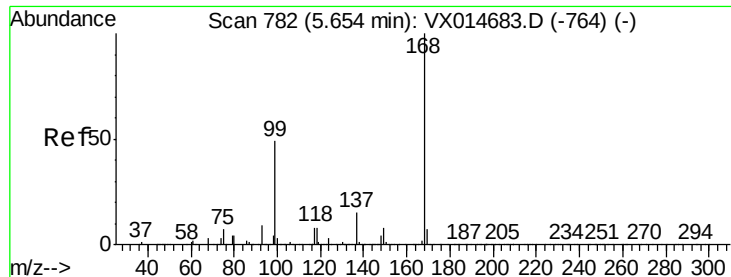
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

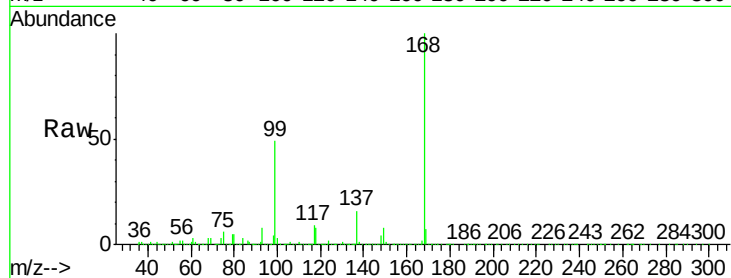
BFB

Tgt Ion:168 Resp: 429193

Ion Ratio Lower Upper

168 100

99 48.4 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

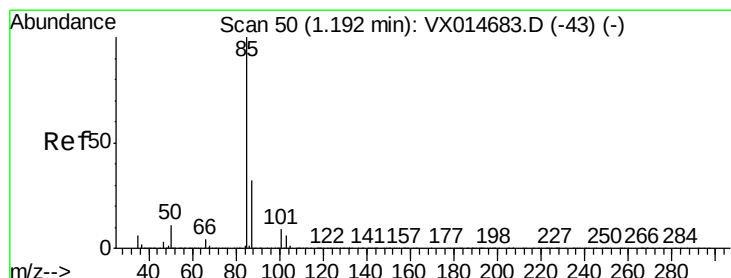
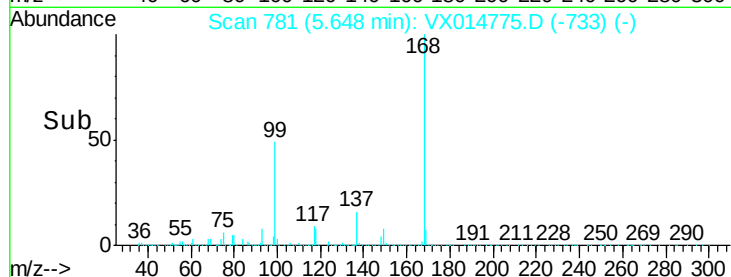
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.31 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014775.D

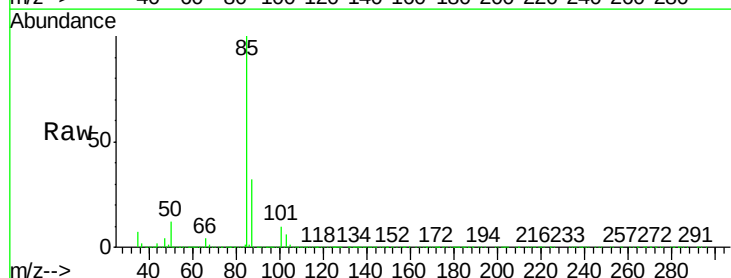
Acq: 31 Jan 2020 10:52

Tgt Ion: 85 Resp: 284030

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

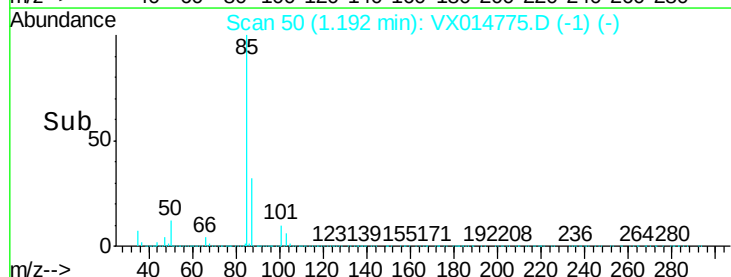
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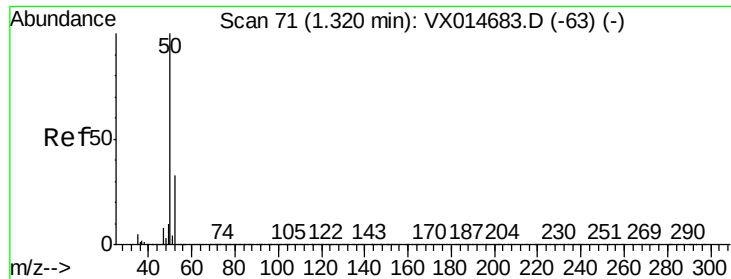
200000

100000

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Time-->

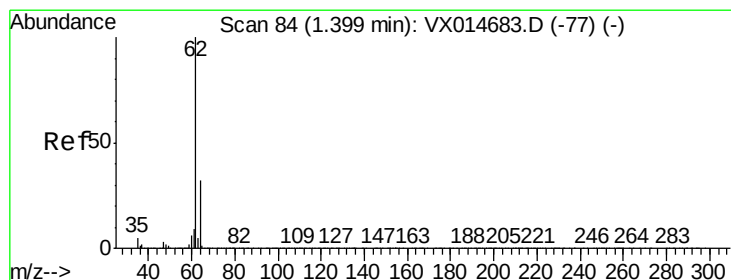
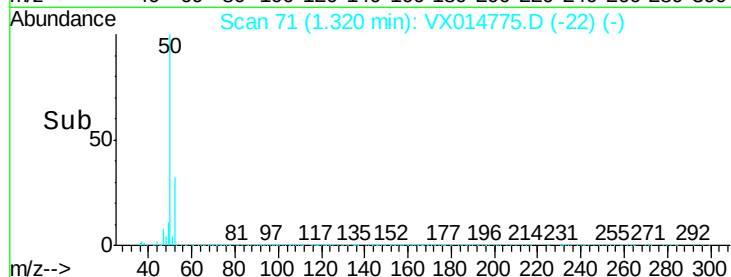
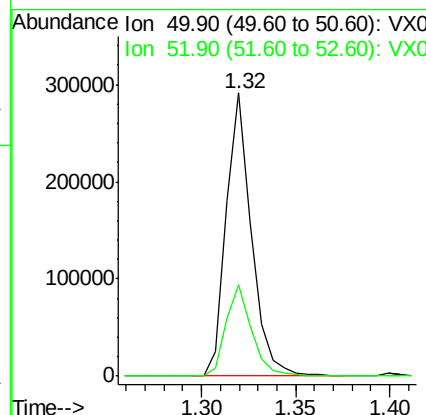
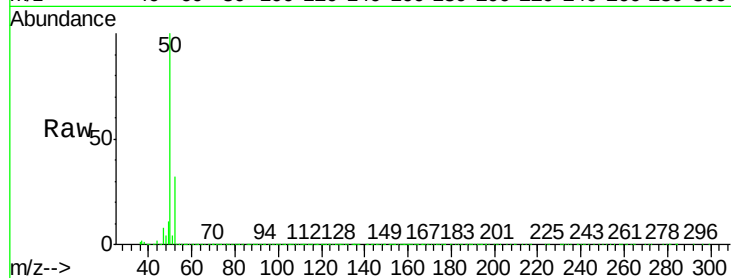




#3
Chloromethane
Concen: 46.69 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

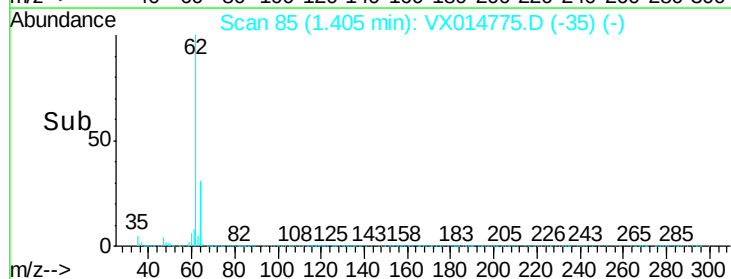
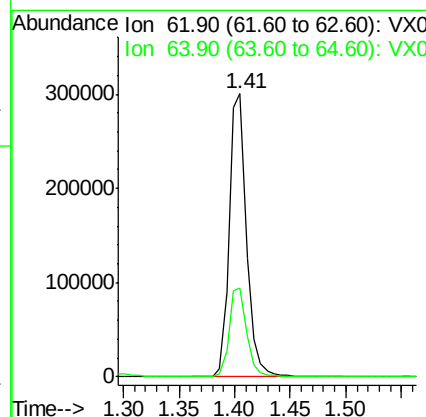
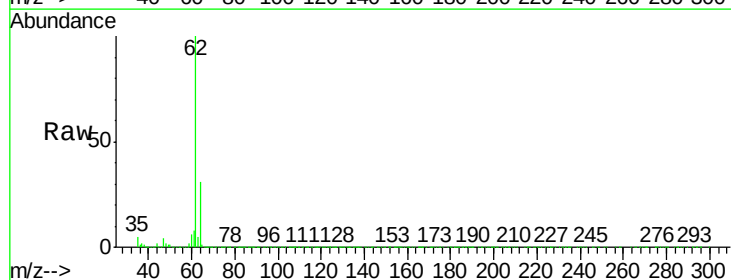
Instrument :
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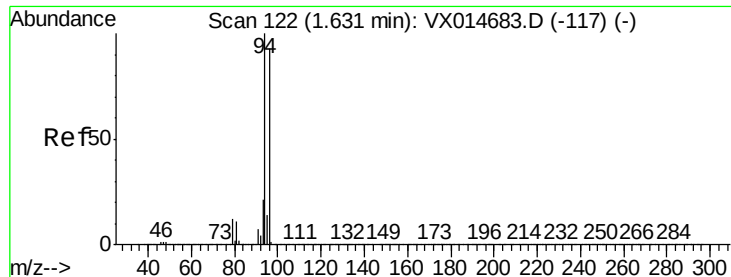
Tgt Ion: 50 Resp: 271115
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.2



#4
Vinyl Chloride
Concen: 51.04 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion: 62 Resp: 320455
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.2





#5

Bromomethane

Concen: 46.57 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

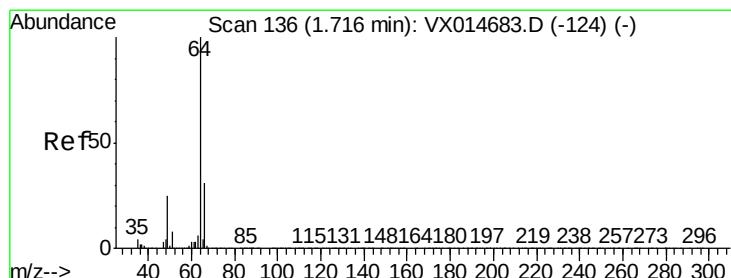
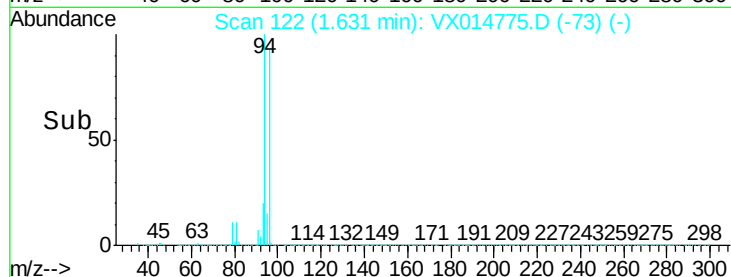
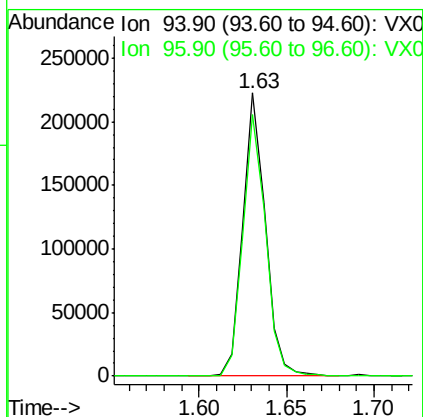
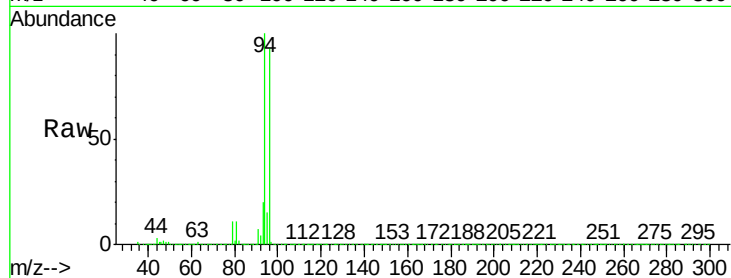
BFB

Tgt Ion: 94 Resp: 198561

Ion Ratio Lower Upper

94 100

96 92.6 74.7 112.1



#6

Chloroethane

Concen: 48.81 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX014775.D

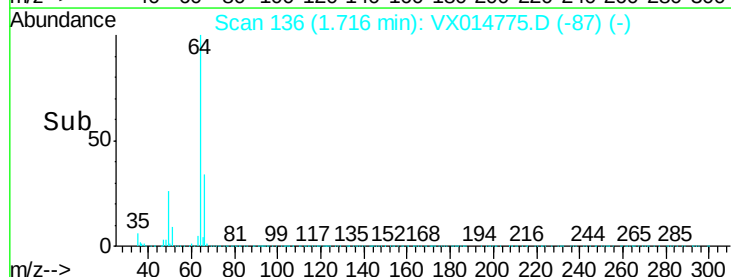
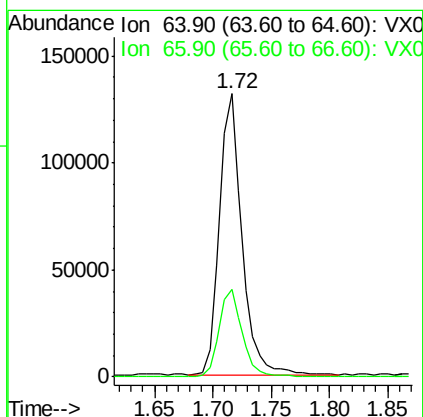
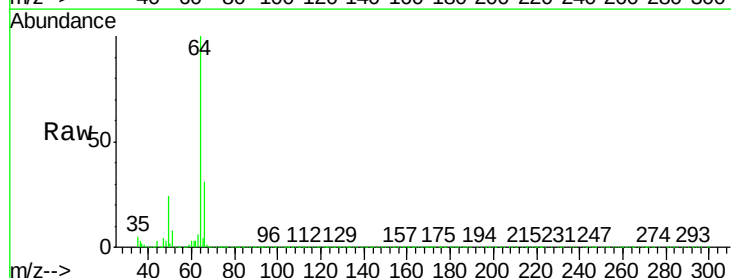
Acq: 31 Jan 2020 10:52

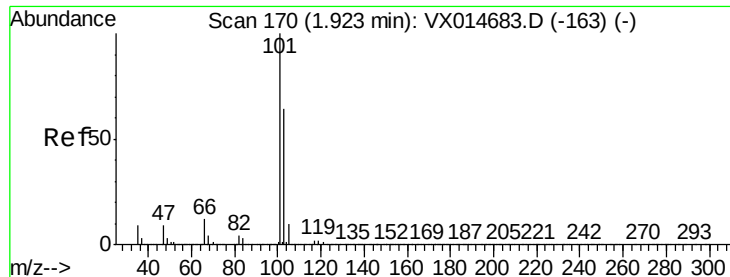
Tgt Ion: 64 Resp: 175440

Ion Ratio Lower Upper

64 100

66 31.1 25.2 37.8



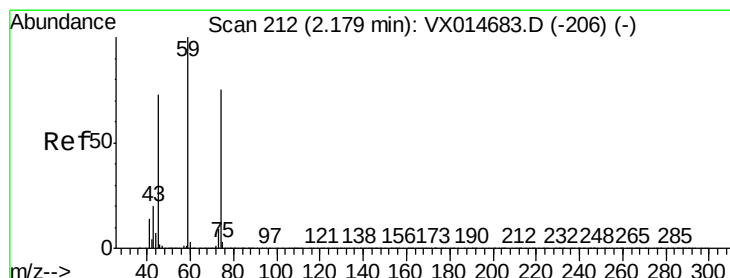
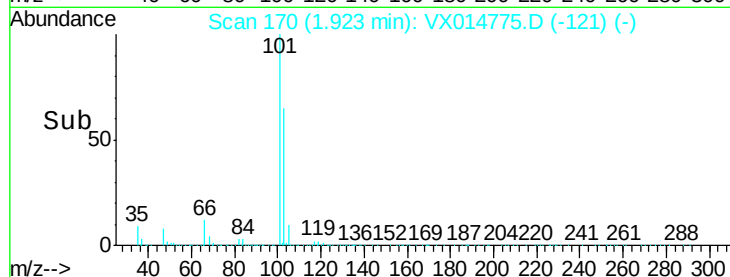
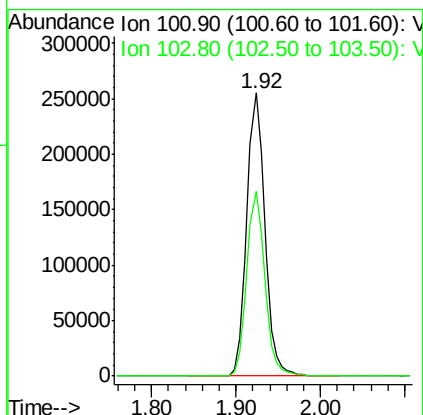
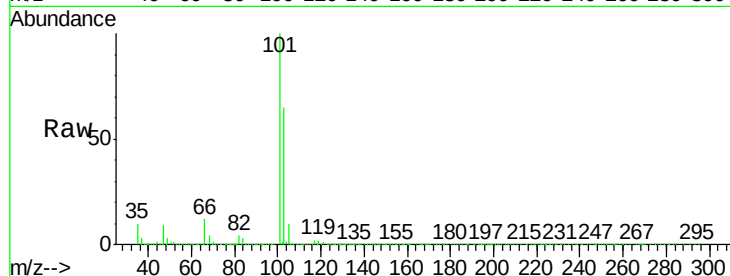


#7

Trichlorofluoromethane
 Concen: 49.98 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

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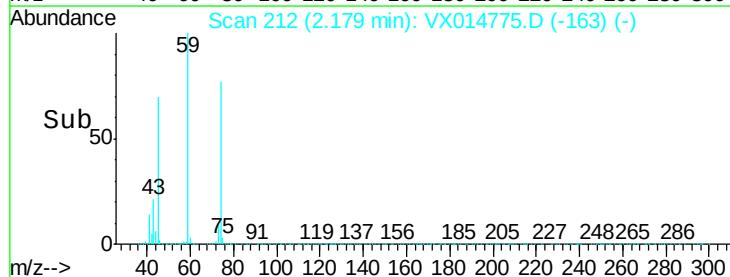
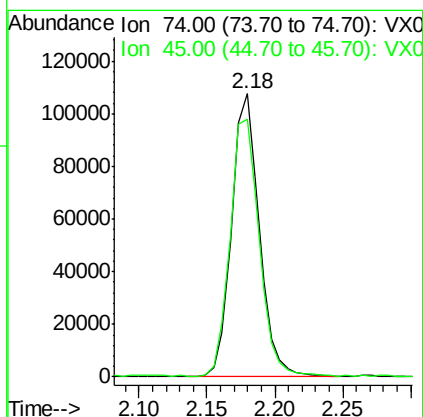
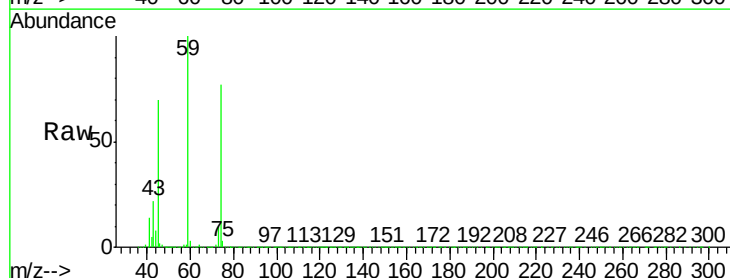
Tgt Ion: 101 Resp: 365328
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.0 76.6

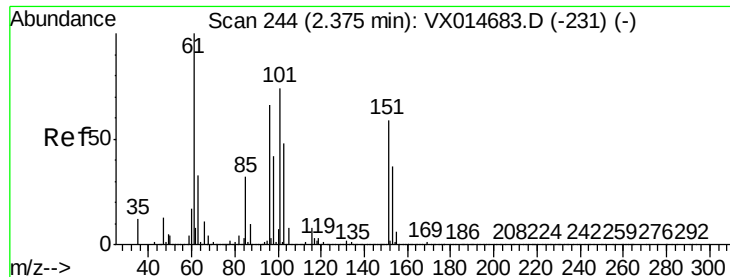


#8

Diethyl Ether
 Concen: 47.45 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion: 74 Resp: 151400
 Ion Ratio Lower Upper
 74 100
 45 96.1 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.15 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

BFB

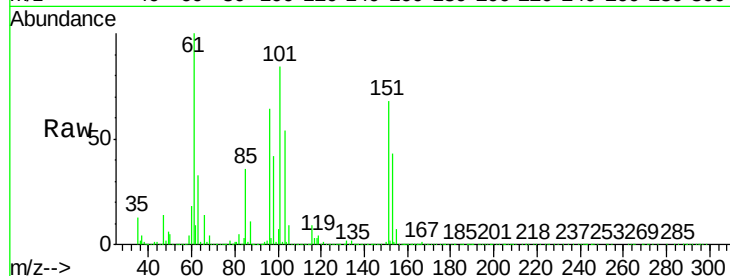
Tgt Ion:101 Resp: 219478

Ion Ratio Lower Upper

101 100

85 43.9 34.7 52.1

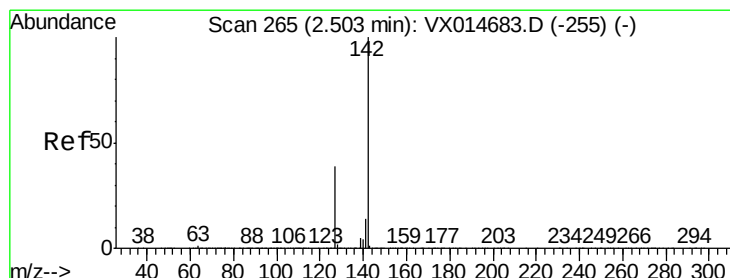
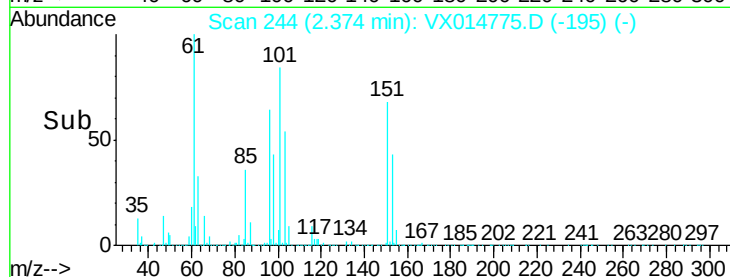
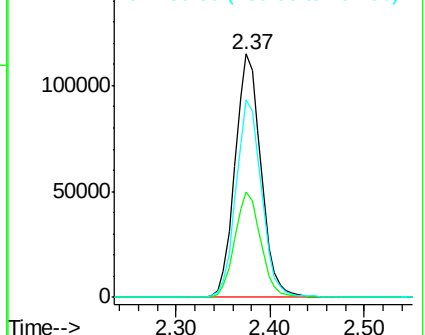
151 80.1 64.7 97.1



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: 50.71 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

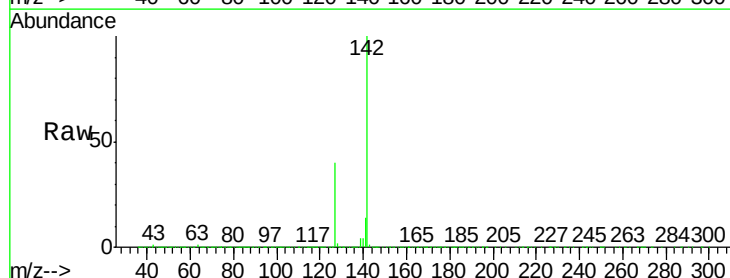
Tgt Ion:142 Resp: 285560

Ion Ratio Lower Upper

142 100

127 40.0 31.1 46.7

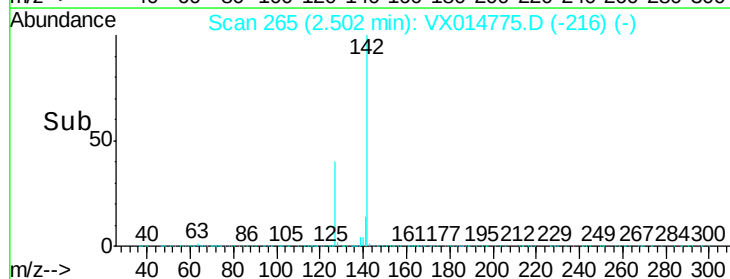
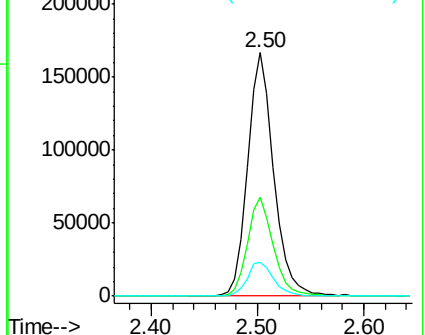
141 14.3 11.3 16.9

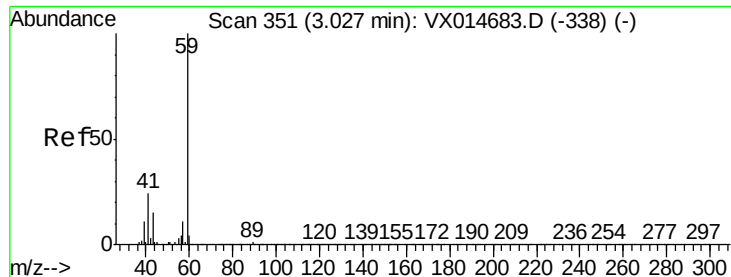


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

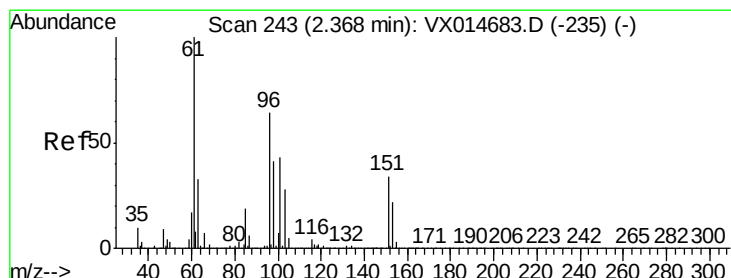
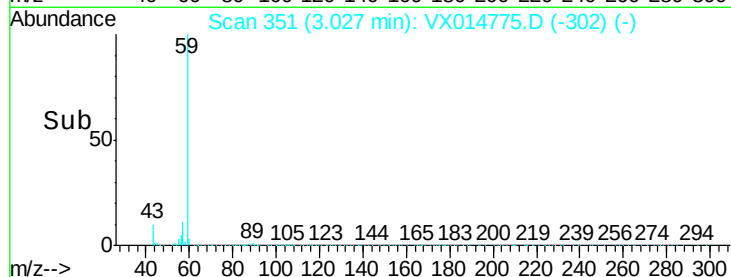
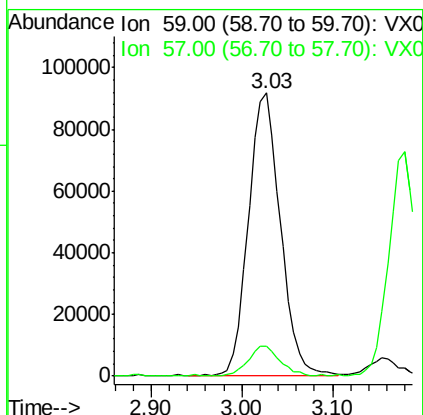
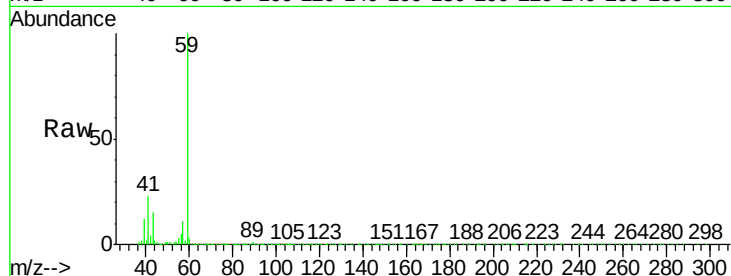




#11
Tert butyl alcohol
Concen: 199.30 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

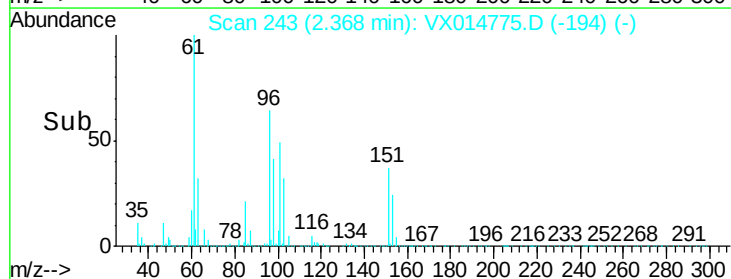
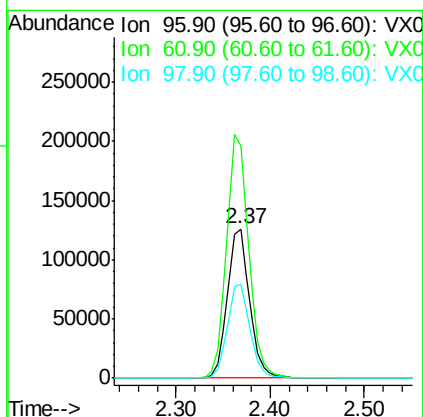
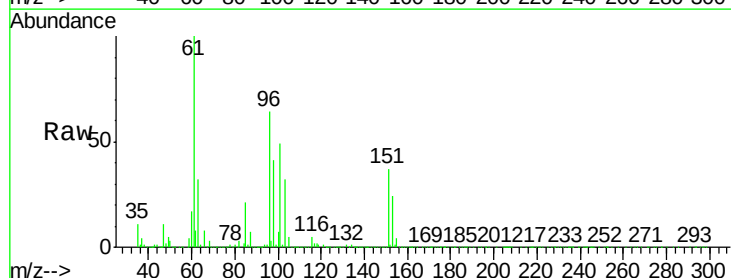
Instrument :
MSVOA_X
ClientSampled :
BFB

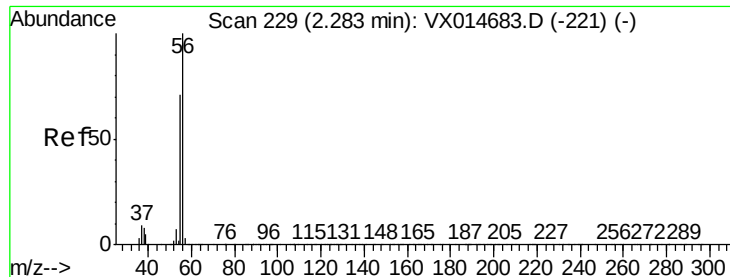
Tgt Ion: 59 Resp: 224262
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.28 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion: 96 Resp: 205970
Ion Ratio Lower Upper
96 100
61 155.7 125.8 188.8
98 63.3 51.5 77.3





#13

Acrolein

Concen: 322.15 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

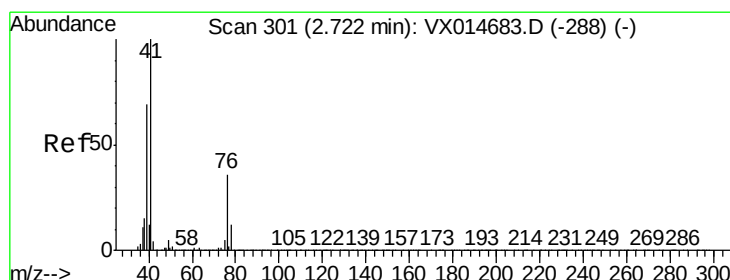
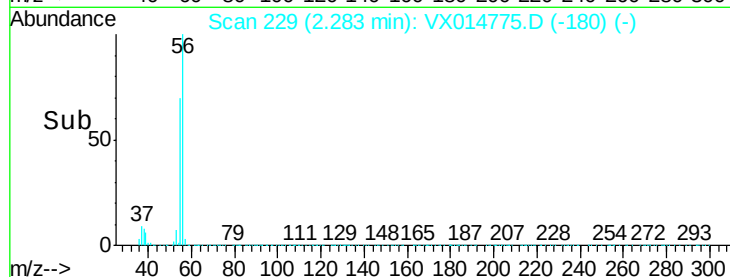
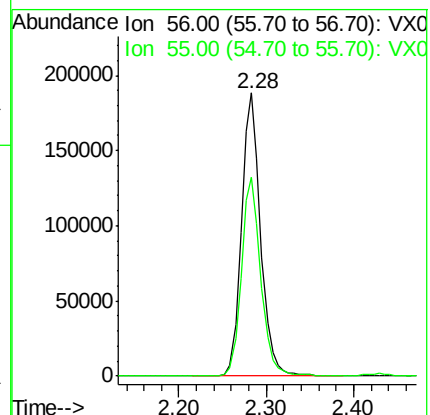
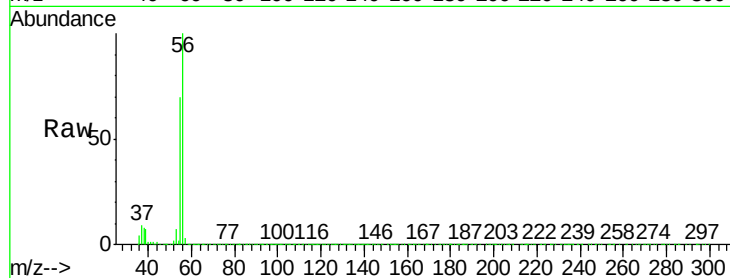
BFB

Tgt Ion: 56 Resp: 285821

Ion Ratio Lower Upper

56 100

55 70.8 56.6 84.8



#14

Allyl chloride

Concen: 49.30 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

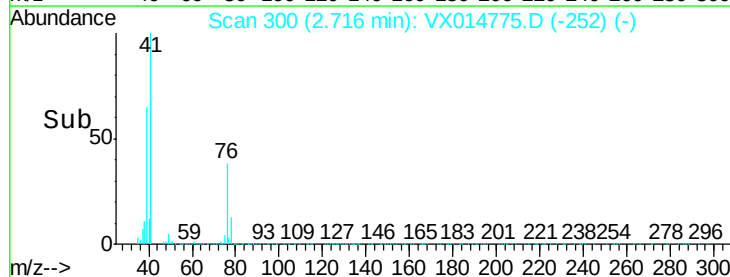
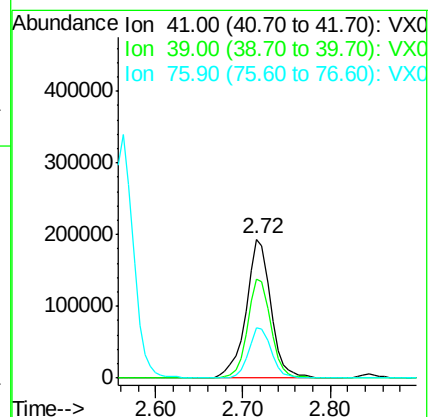
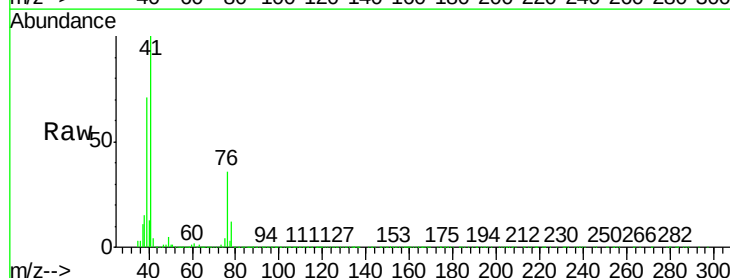
Tgt Ion: 41 Resp: 378081

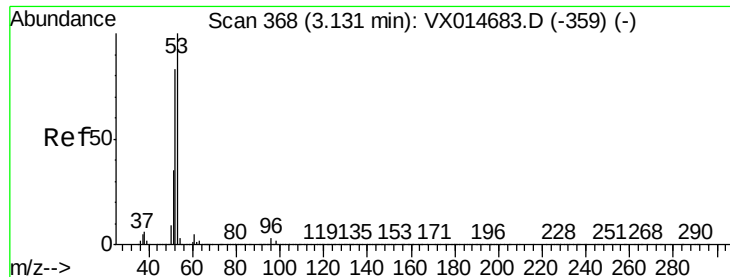
Ion Ratio Lower Upper

41 100

39 66.5 52.0 78.0

76 33.1 26.0 39.0





#15

Acrylonitrile

Concen: 233.05 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

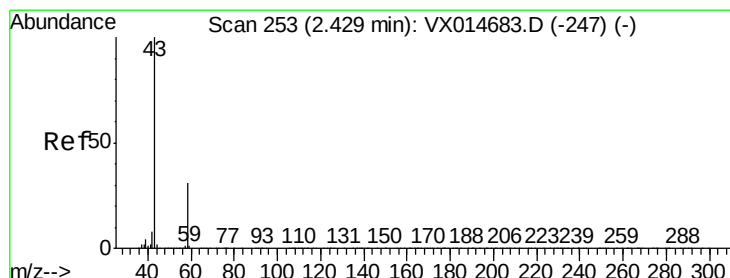
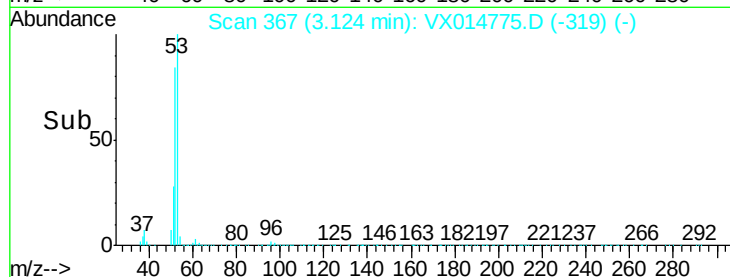
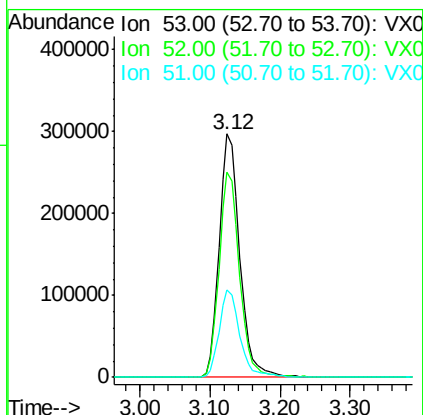
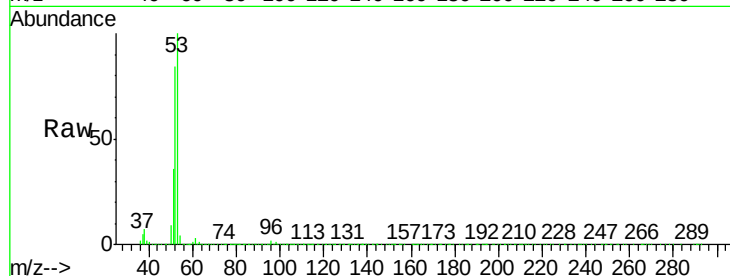
Tgt Ion: 53 Resp: 606755

Ion Ratio Lower Upper

53 100

52 84.2 66.4 99.6

51 36.1 28.7 43.1



#16

Acetone

Concen: 274.18 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014775.D

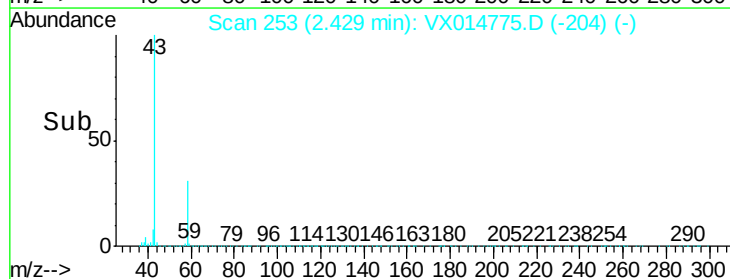
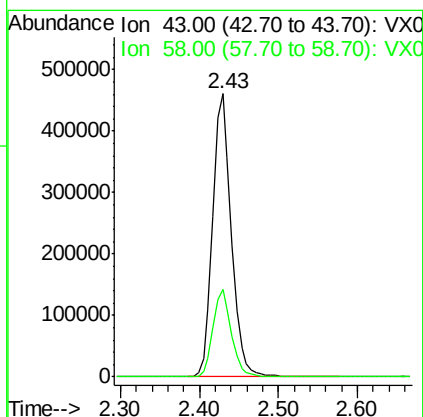
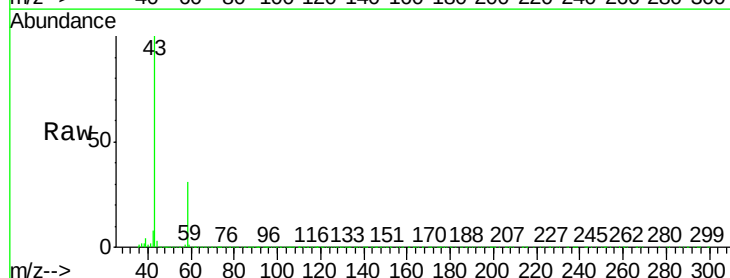
Acq: 31 Jan 2020 10:52

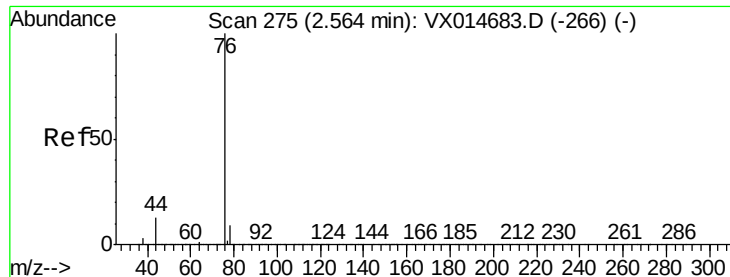
Tgt Ion: 43 Resp: 753170

Ion Ratio Lower Upper

43 100

58 30.8 24.5 36.7





#17

Carbon Disulfide

Concen: 47.12 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

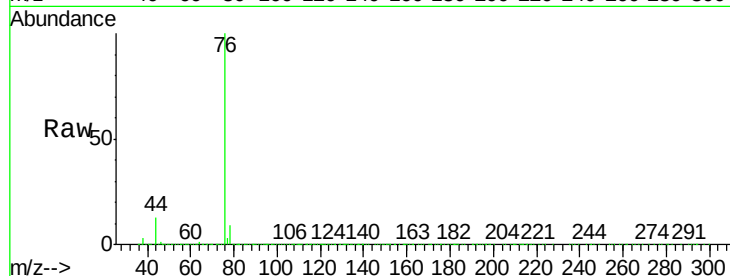
BFB

Tgt Ion: 76 Resp: 549512

Ion Ratio Lower Upper

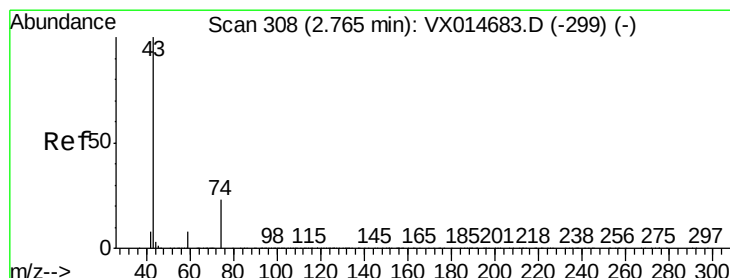
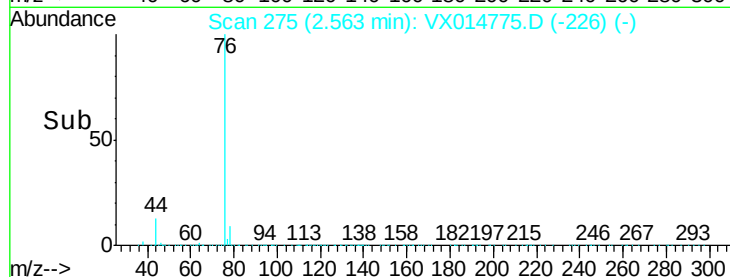
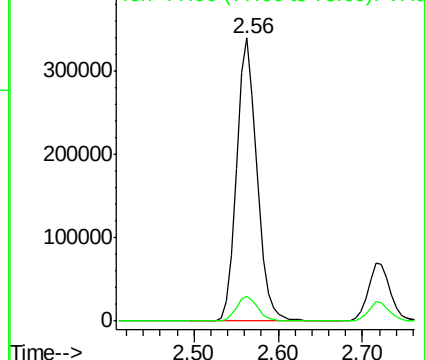
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.59 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014775.D

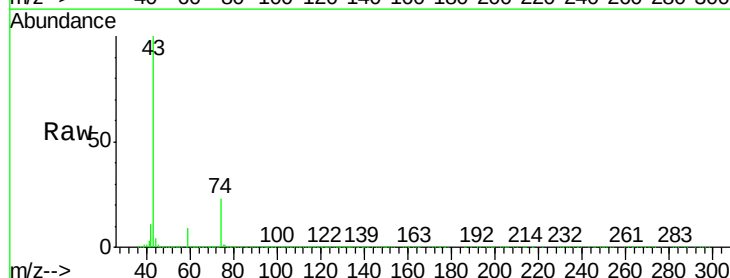
Acq: 31 Jan 2020 10:52

Tgt Ion: 43 Resp: 373164

Ion Ratio Lower Upper

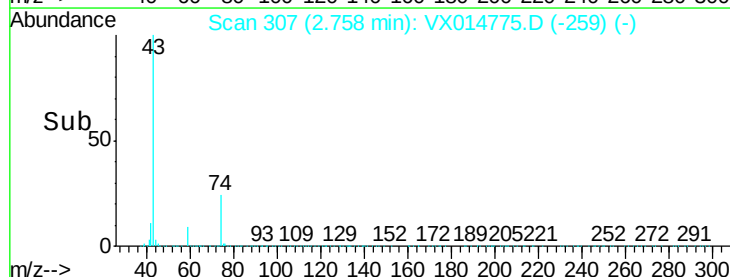
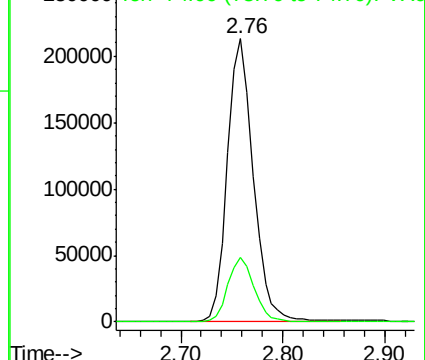
43 100

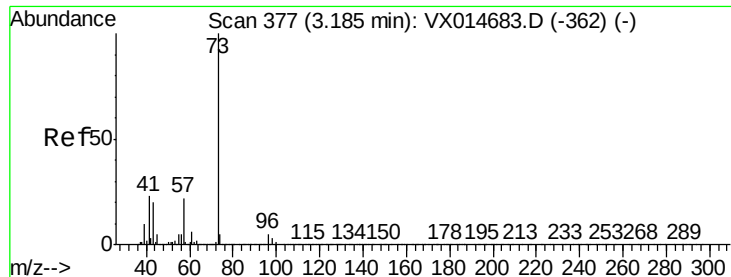
74 23.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 51.22 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

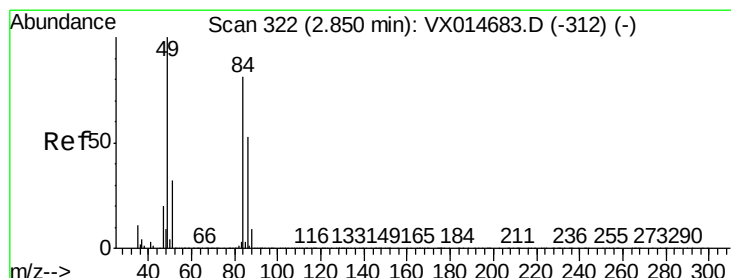
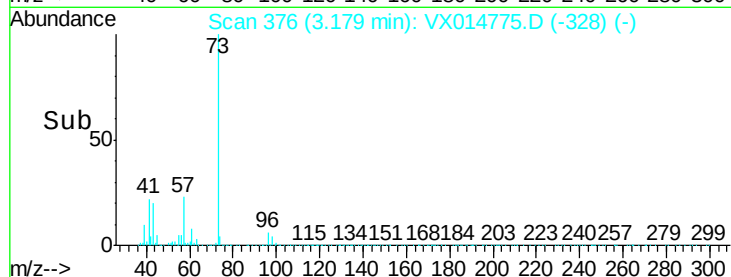
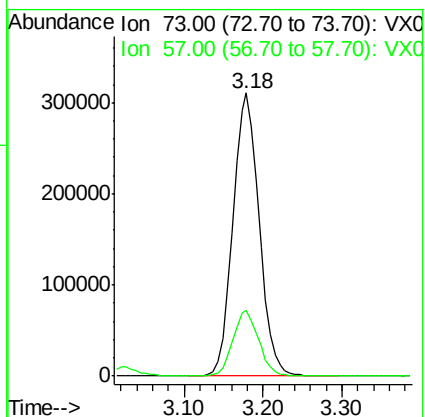
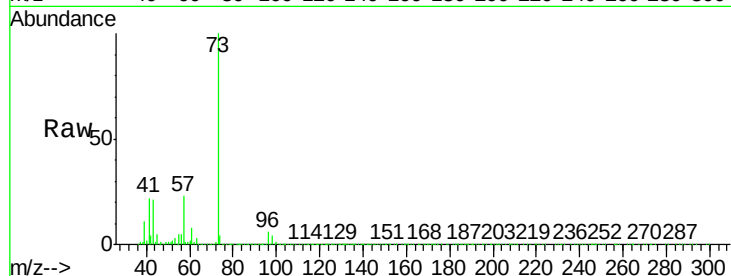
BFB

Tgt Ion: 73 Resp: 715771

Ion Ratio Lower Upper

73 100

57 23.3 18.0 27.0



#20

Methylene Chloride

Concen: 47.80 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion: 84 Resp: 242956

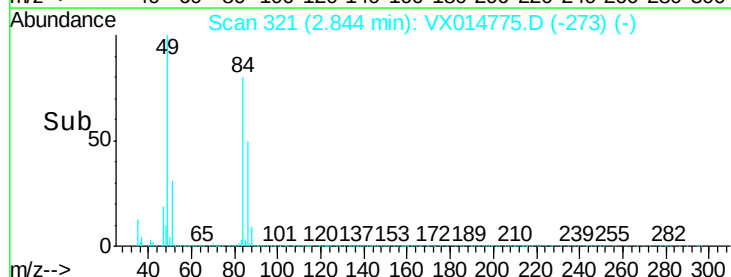
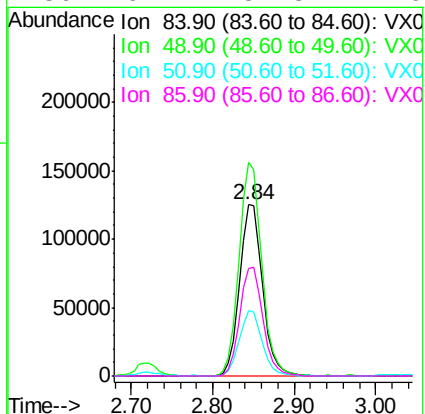
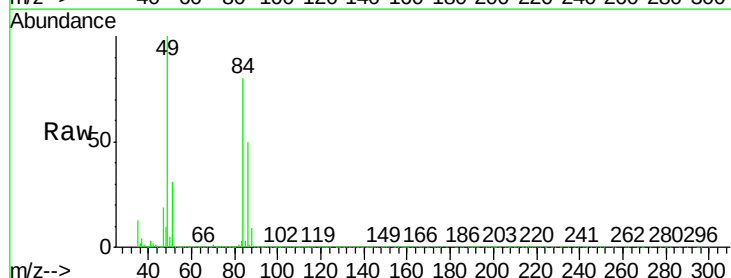
Ion Ratio Lower Upper

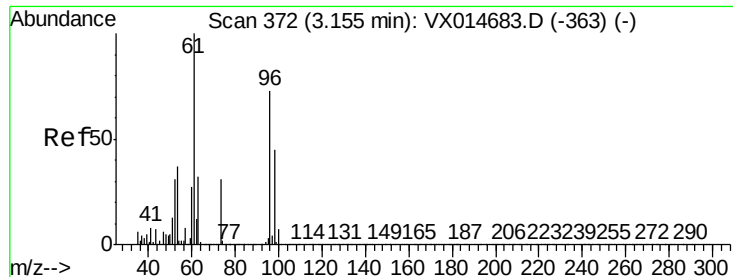
84 100

49 124.5 98.2 147.4

51 38.2 31.3 46.9

86 62.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.29 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

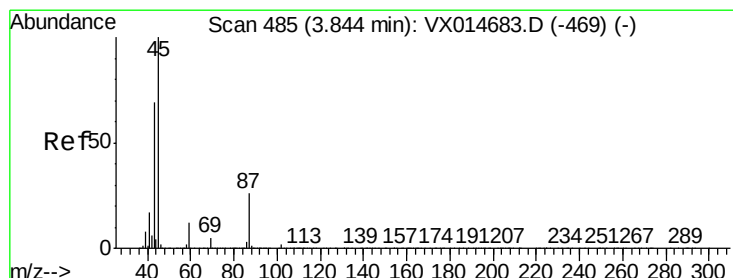
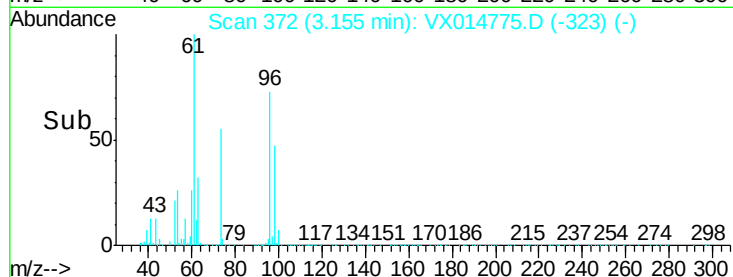
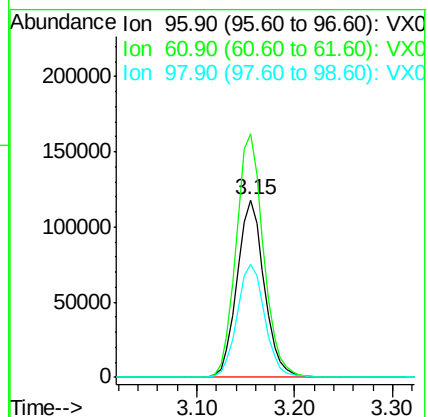
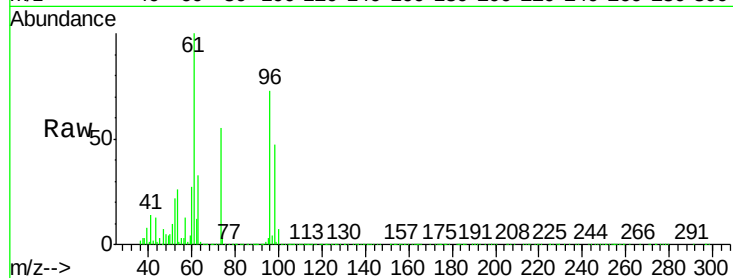
Tgt Ion: 96 Resp: 226845

Ion Ratio Lower Upper

96 100

61 137.4 109.8 164.6

98 64.0 49.6 74.4



#22

Diisopropyl ether

Concen: 51.68 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion: 45 Resp: 788511

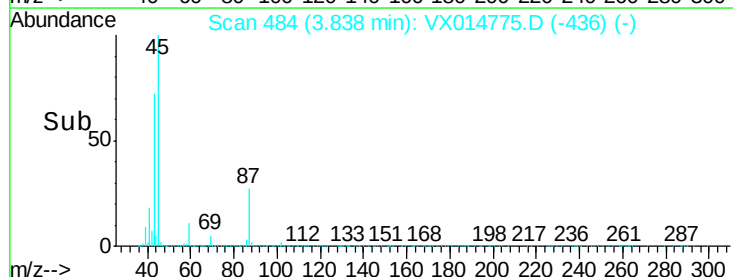
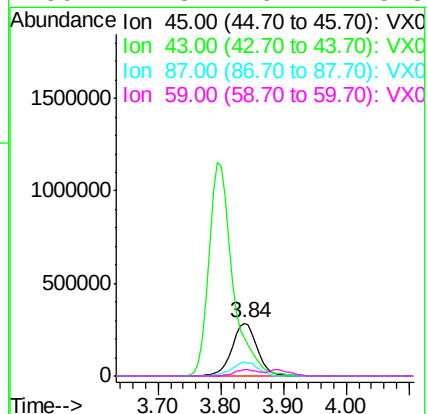
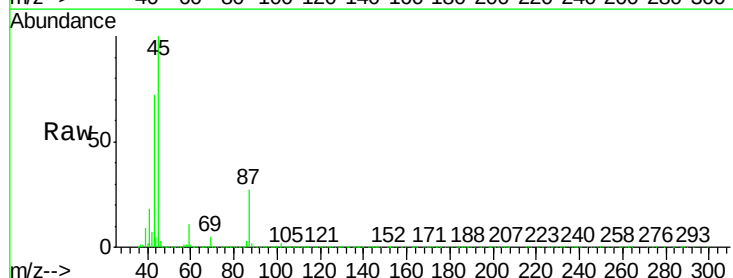
Ion Ratio Lower Upper

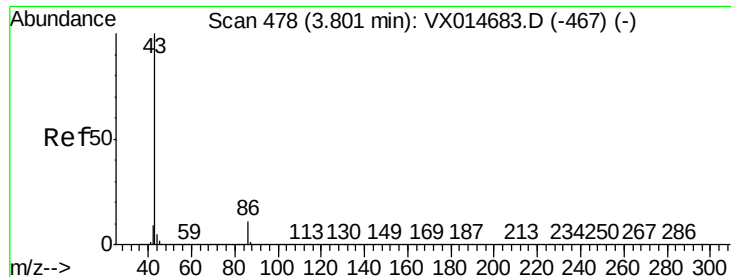
45 100

43 71.3 55.1 82.7

87 27.3 20.7 31.1

59 11.3 9.2 13.8





#23

Vinyl Acetate

Concen: 261.42 ug/l

RT: 3.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

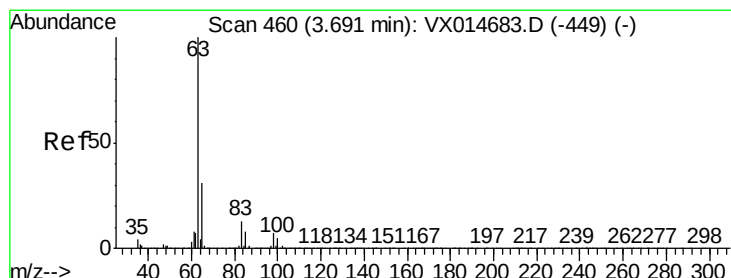
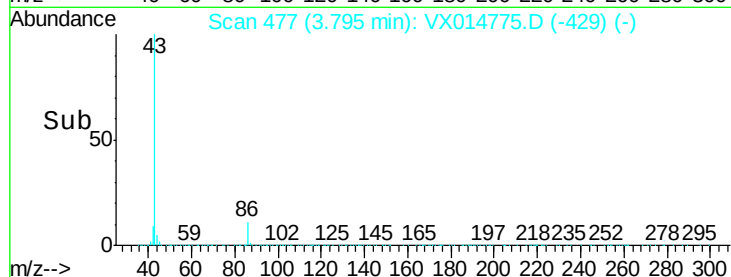
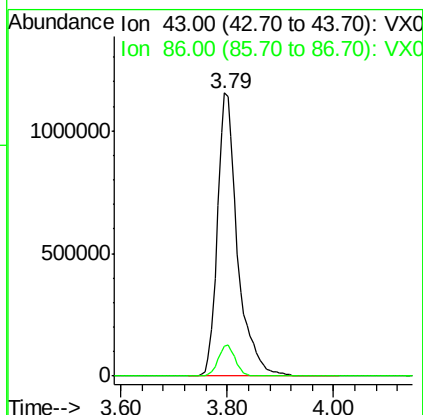
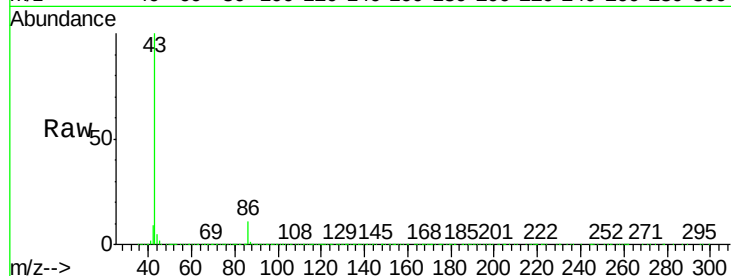
BFB

Tgt Ion: 43 Resp: 3040481

Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



#24

1,1-Dichloroethane

Concen: 50.55 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

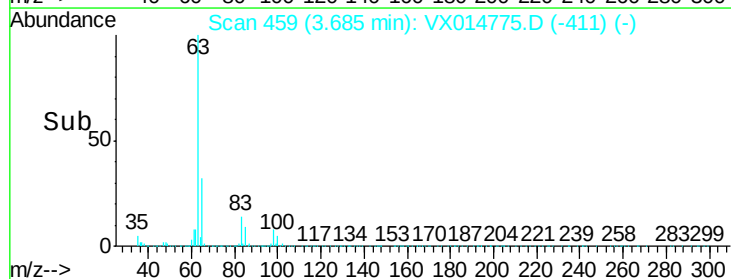
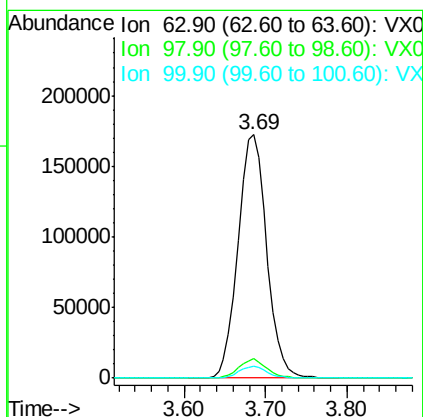
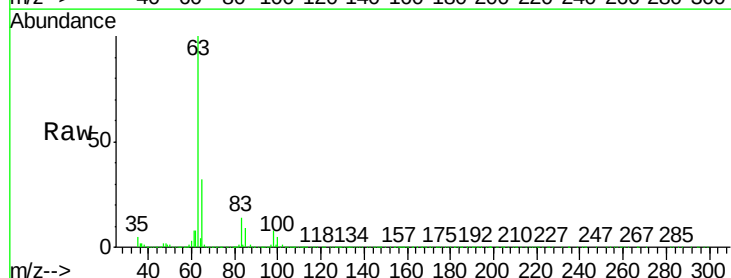
Tgt Ion: 63 Resp: 418863

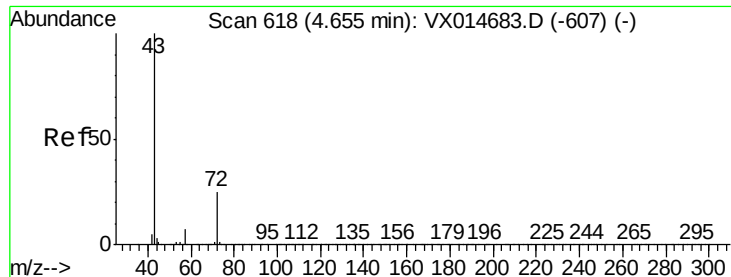
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 243.40 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

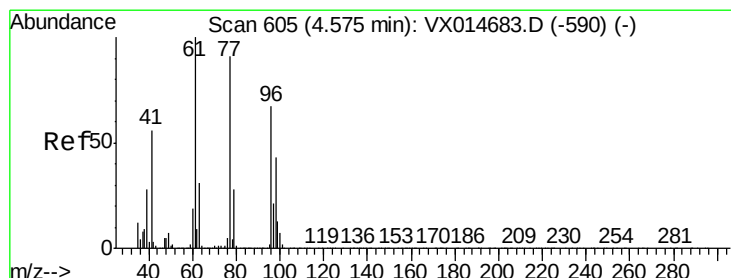
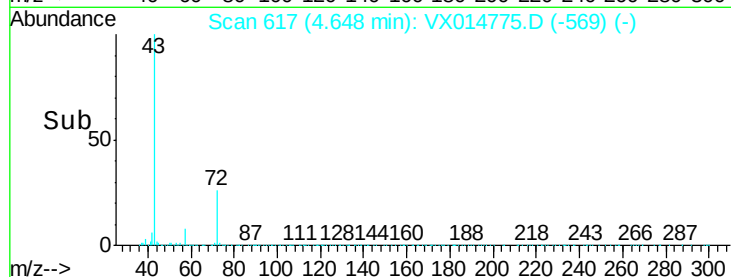
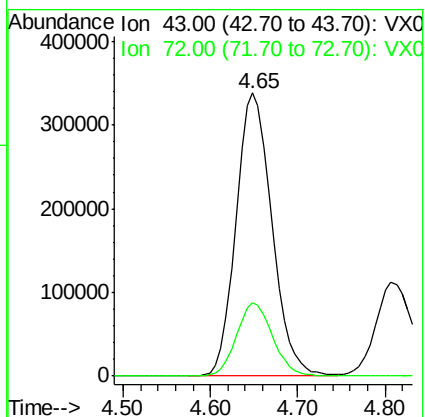
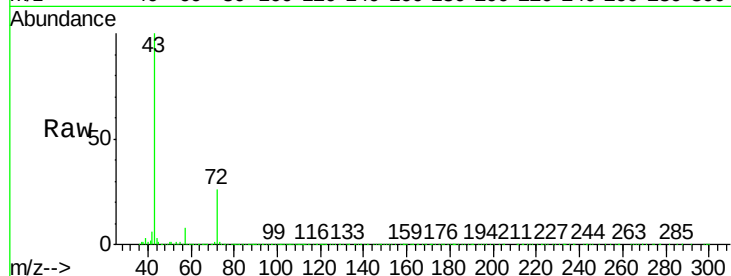
BFB

Tgt Ion: 43 Resp: 957925

Ion Ratio Lower Upper

43 100

72 25.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 52.86 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014775.D

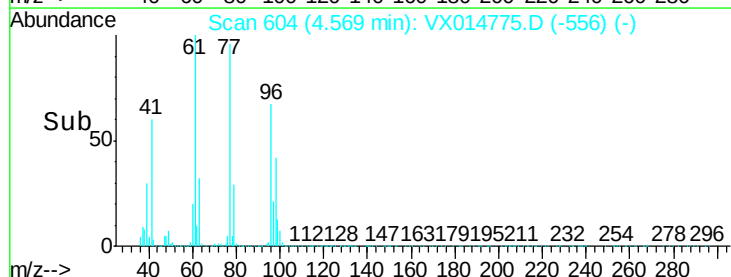
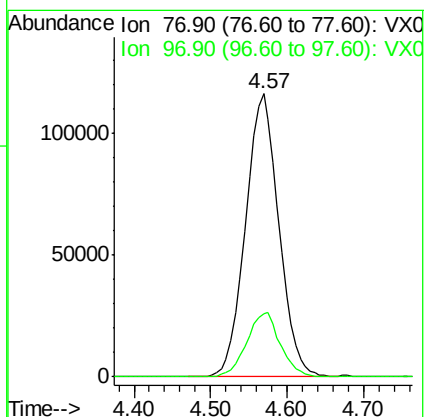
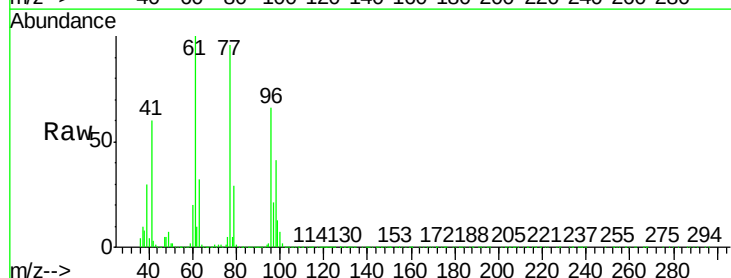
Acq: 31 Jan 2020 10:52

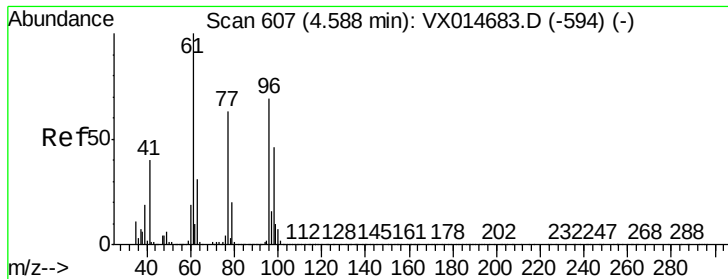
Tgt Ion: 77 Resp: 350592

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 49.73 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

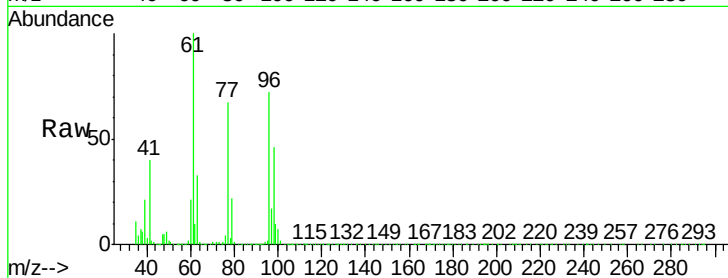
Tgt Ion: 96 Resp: 261482

Ion Ratio Lower Upper

96 100

61 145.0 0.0 291.0

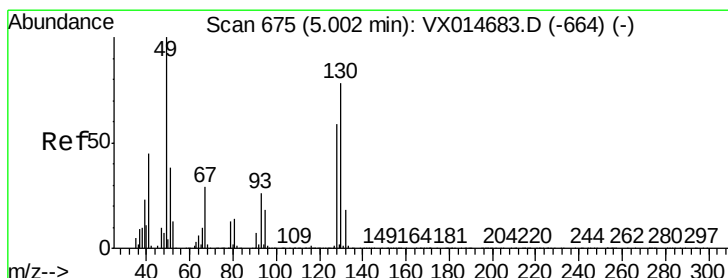
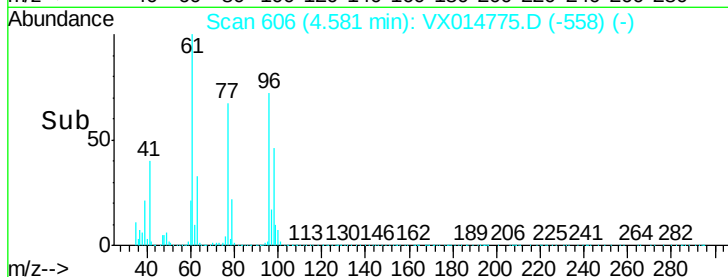
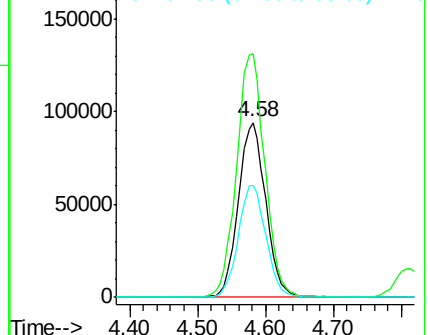
98 64.3 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 43.28 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

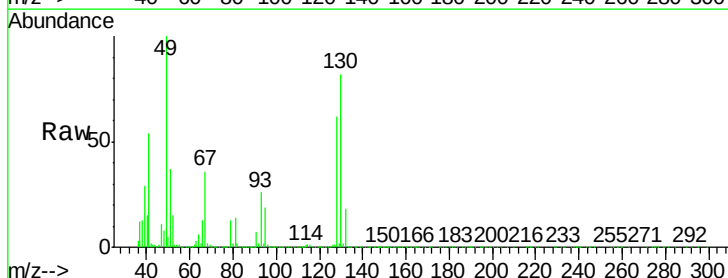
Tgt Ion: 49 Resp: 157592

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

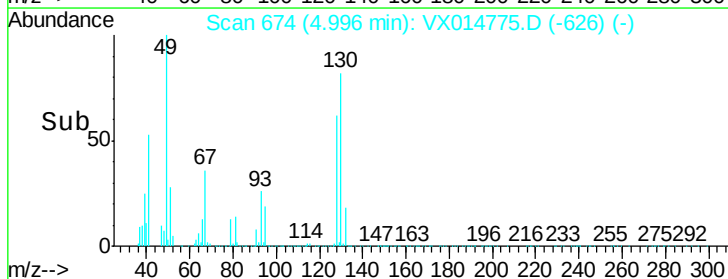
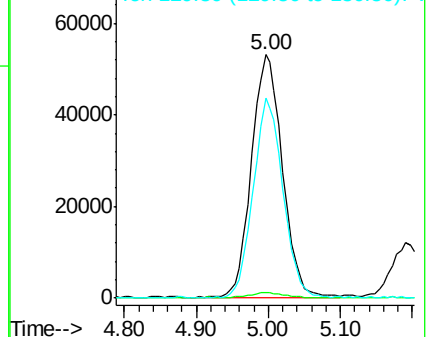
130 79.2 62.4 93.6

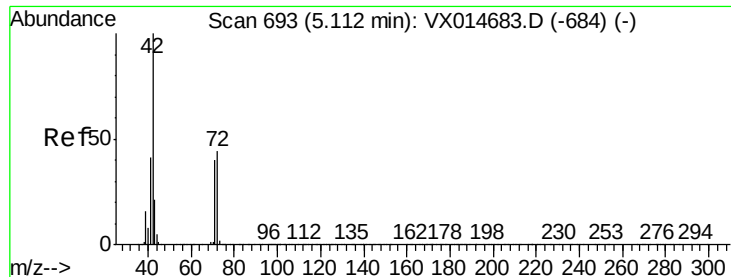


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 232.28 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

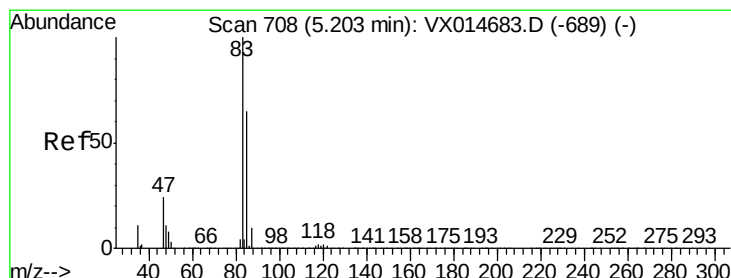
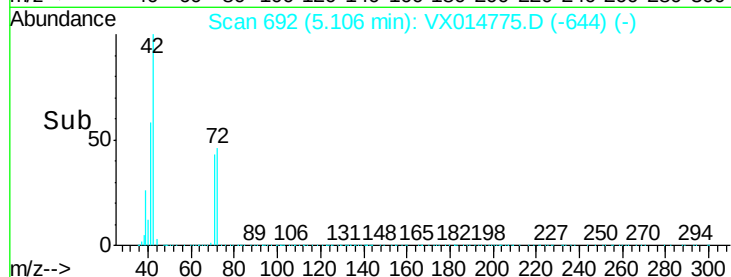
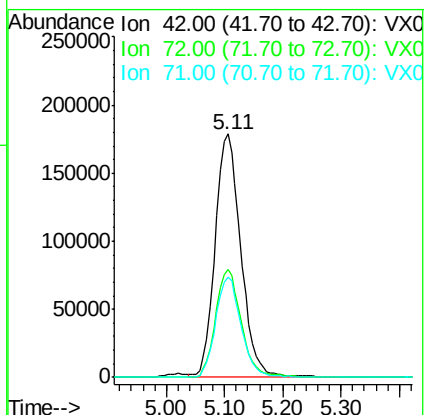
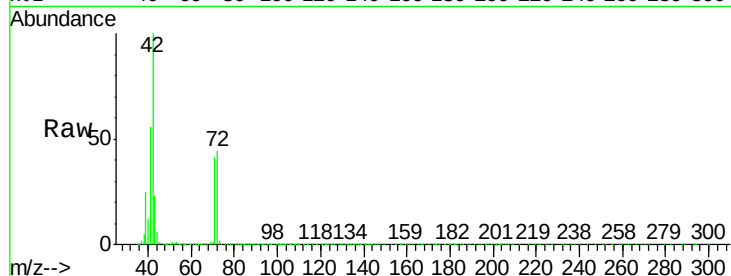
Tgt Ion: 42 Resp: 542575

Ion Ratio Lower Upper

42 100

72 44.5 35.3 52.9

71 40.9 33.1 49.7



#30

Chloroform

Concen: 51.34 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014775.D

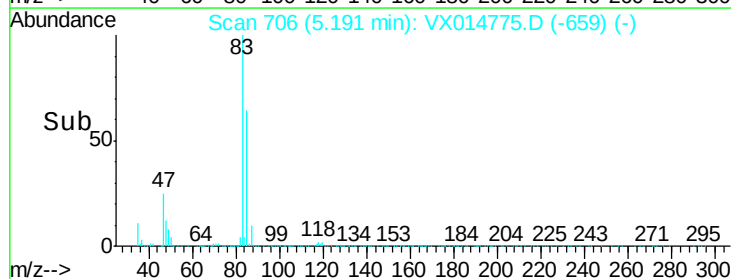
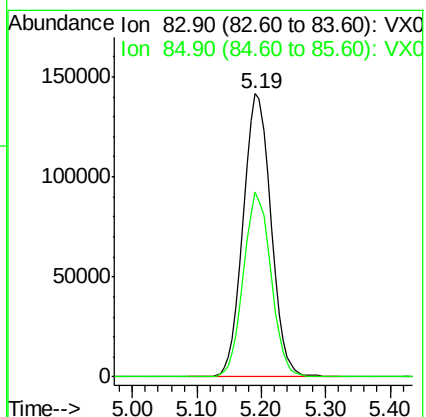
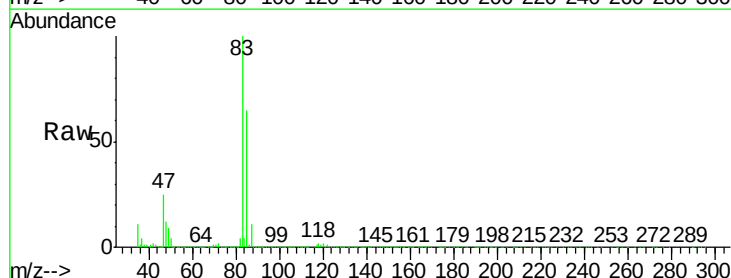
Acq: 31 Jan 2020 10:52

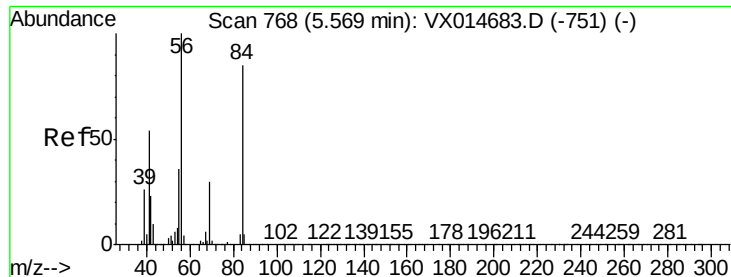
Tgt Ion: 83 Resp: 421398

Ion Ratio Lower Upper

83 100

85 65.0 51.7 77.5

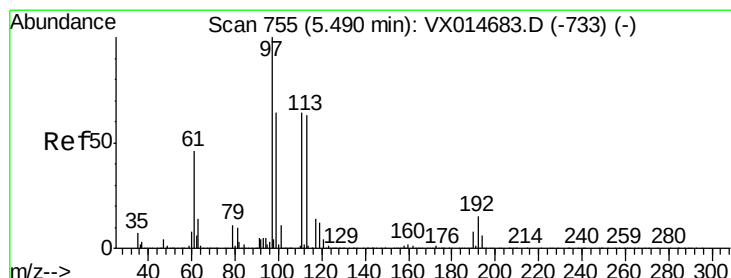
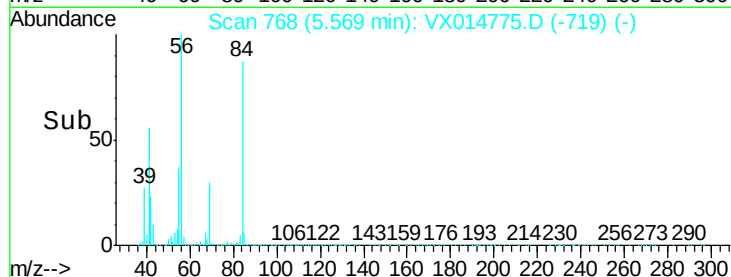
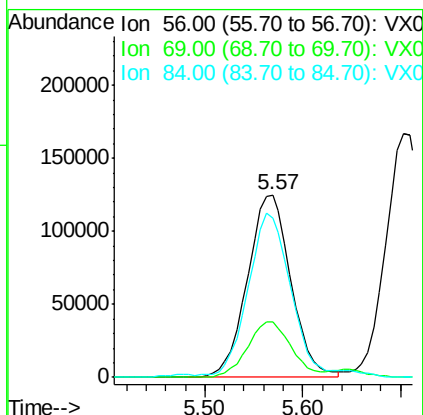
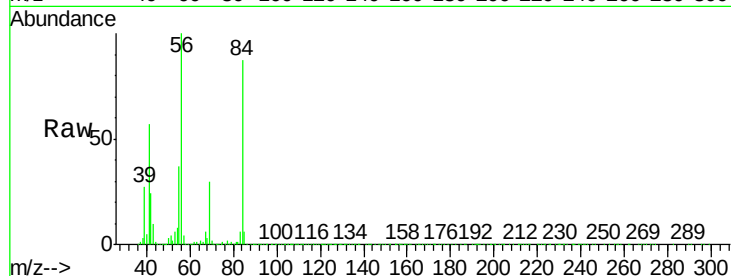




#31
Cyclohexane
Concen: 49.47 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

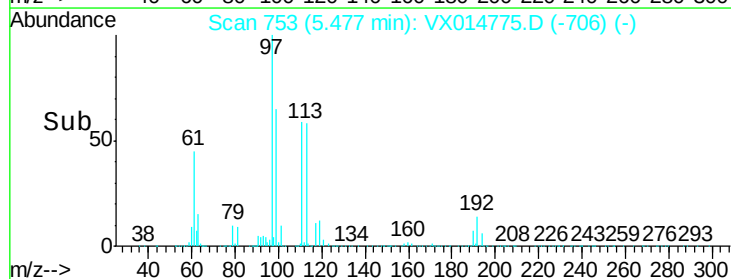
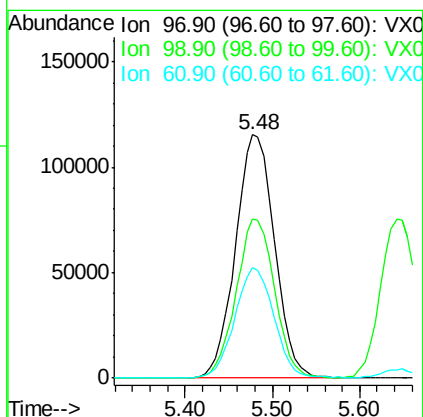
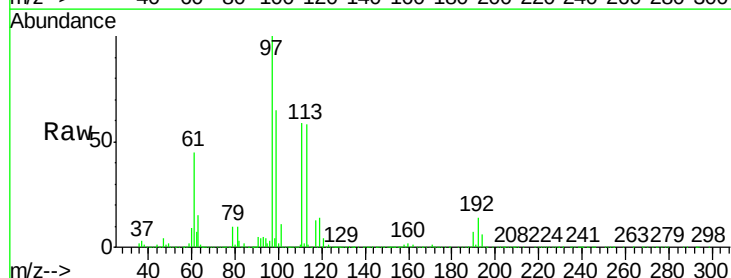
Instrument :
MSVOA_X
ClientSampleId :
BFB

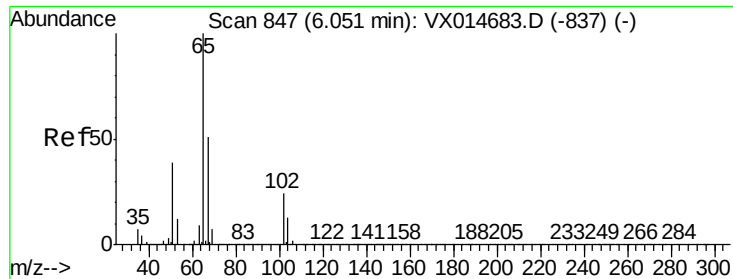
Tgt Ion: 56 Resp: 385545
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.2
84 85.8 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 51.56 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion: 97 Resp: 357765
Ion Ratio Lower Upper
97 100
99 64.6 52.3 78.5
61 45.3 37.2 55.8

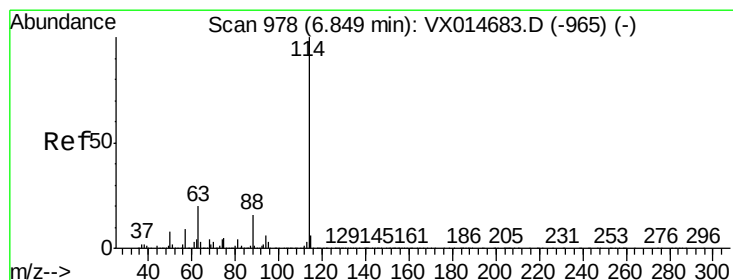
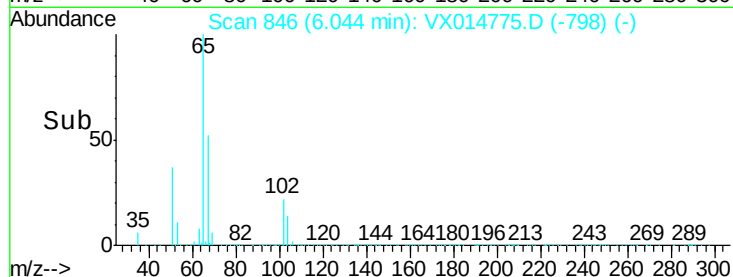
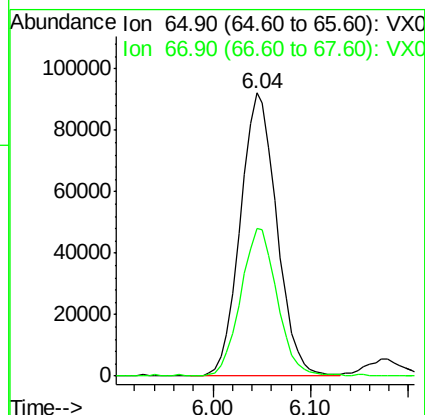
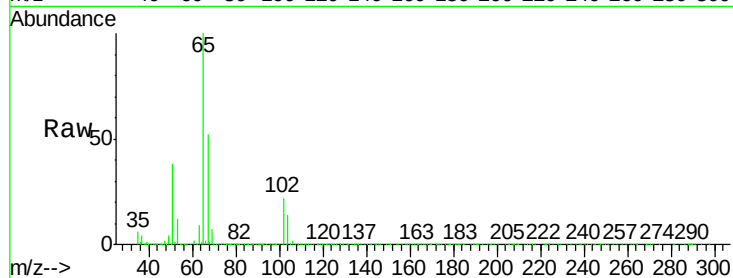




#33
 1,2-Dichloroethane-d4
 Concen: 47.41 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

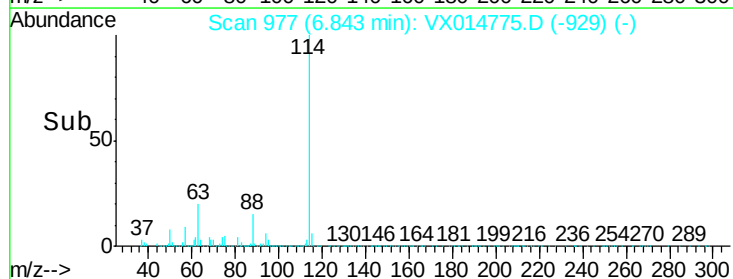
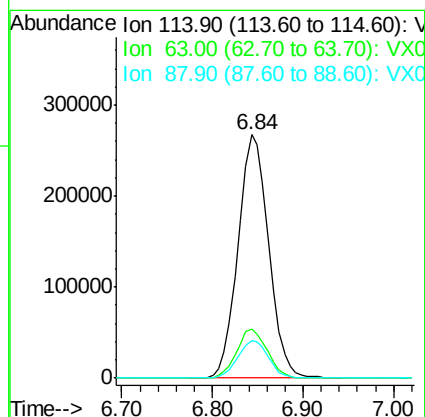
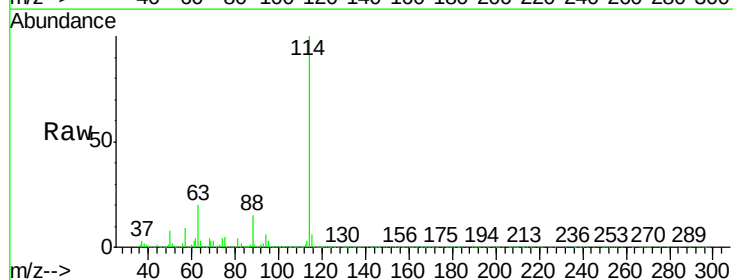
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

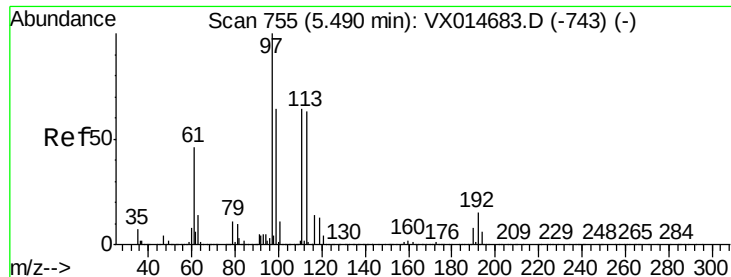
Tgt Ion: 65 Resp: 237606
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion: 114 Resp: 624912
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.49 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

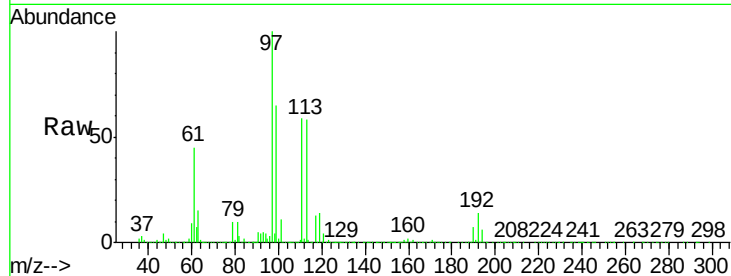
Tgt Ion: 113 Resp: 195129

Ion Ratio Lower Upper

113 100

111 103.9 80.7 121.1

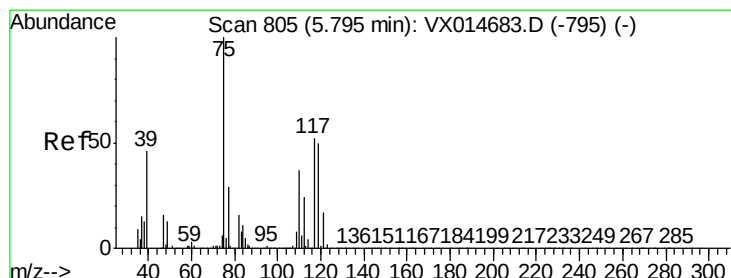
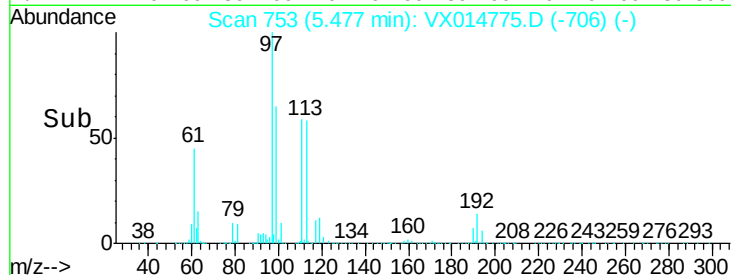
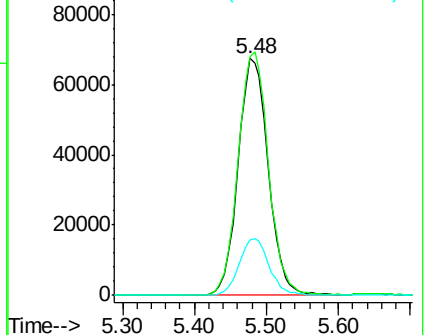
192 24.0 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.31 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

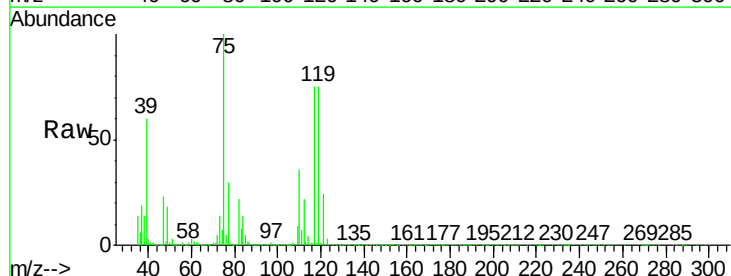
Tgt Ion: 75 Resp: 315384

Ion Ratio Lower Upper

75 100

110 36.5 17.9 53.7

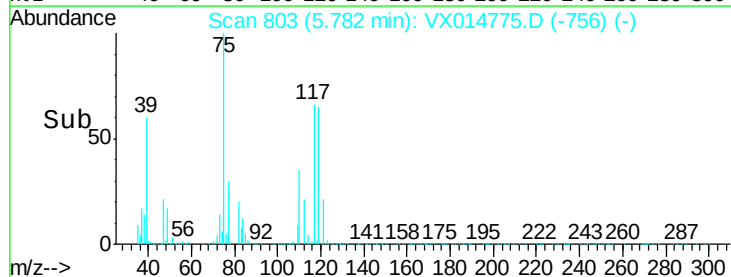
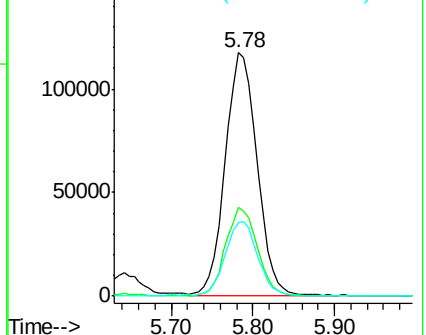
77 30.7 24.1 36.1

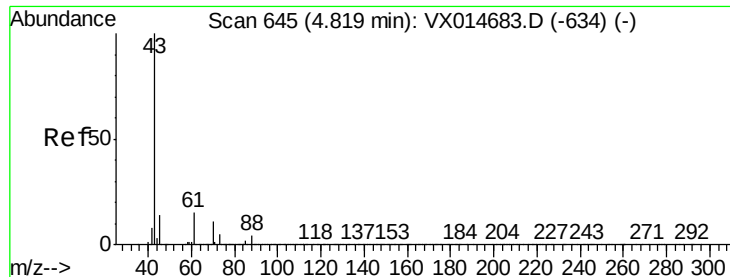


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

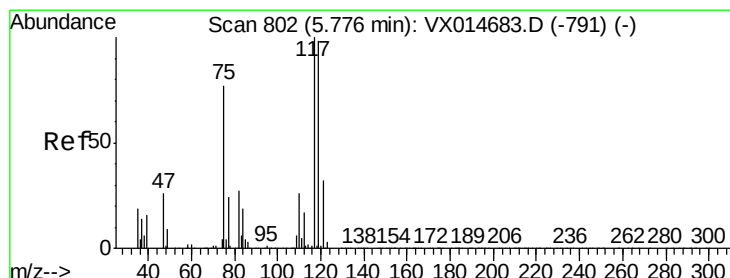
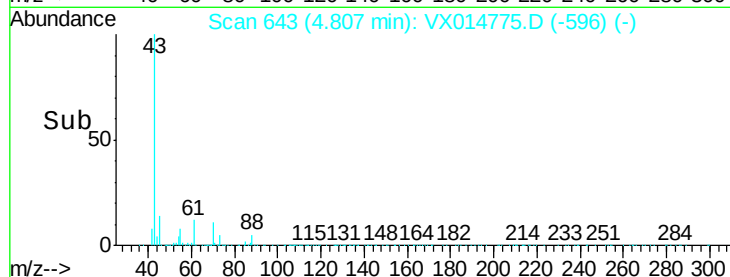
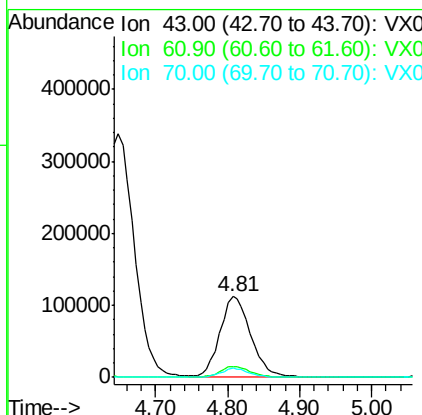
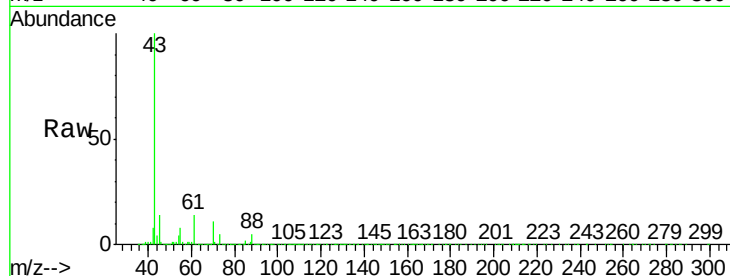




#37
Ethyl Acetate
Concen: 50.02 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

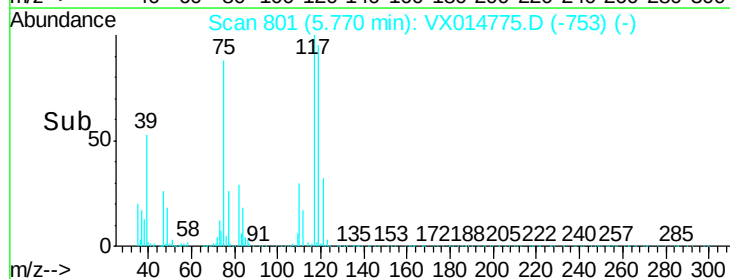
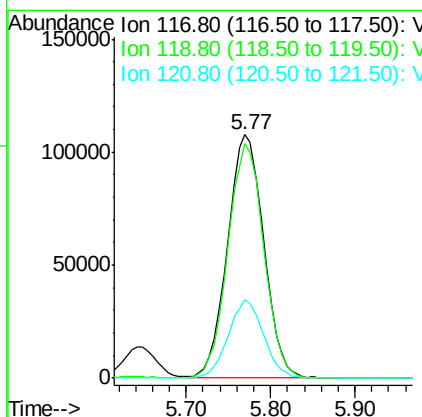
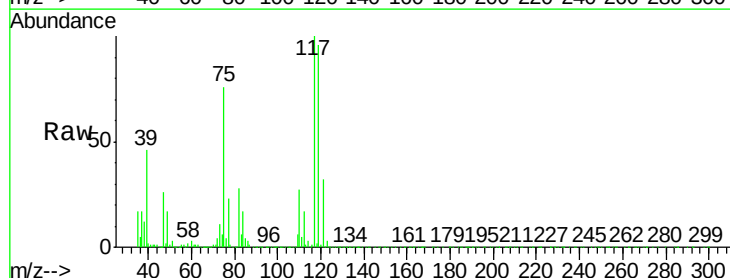
Instrument :
MSVOA_X
ClientSampled :
BFB

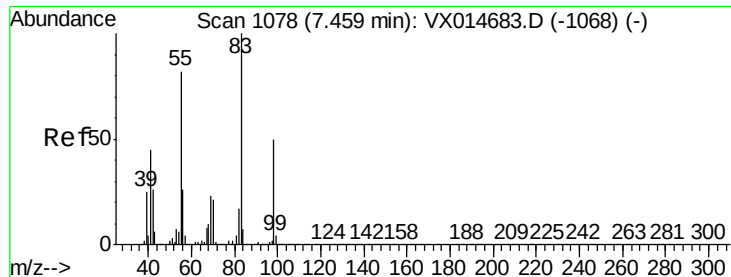
Tgt Ion: 43 Resp: 332691
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.4
70 10.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 56.38 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion: 117 Resp: 312655
Ion Ratio Lower Upper
117 100
119 96.2 77.9 116.9
121 32.3 25.4 38.2

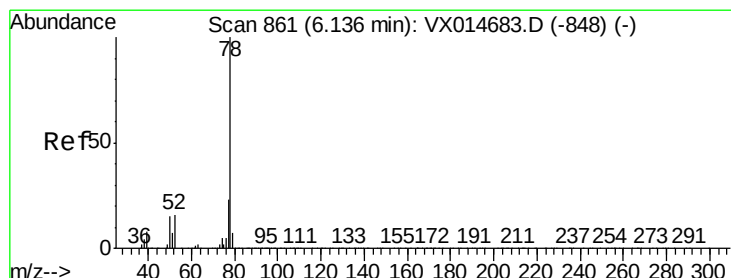
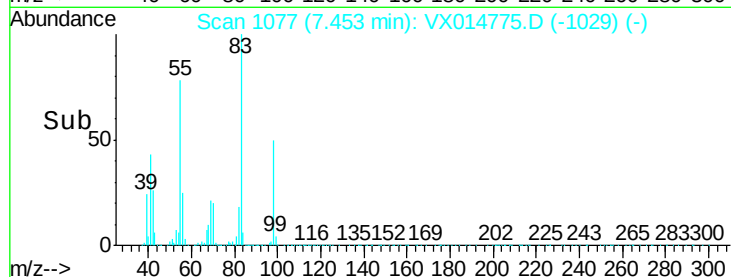
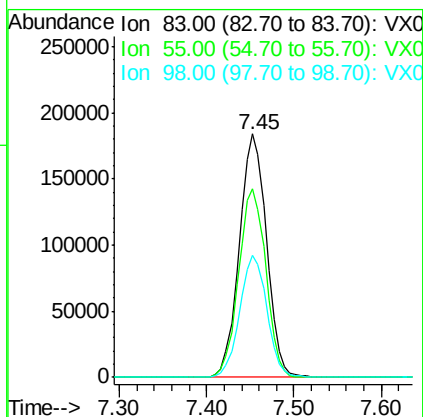
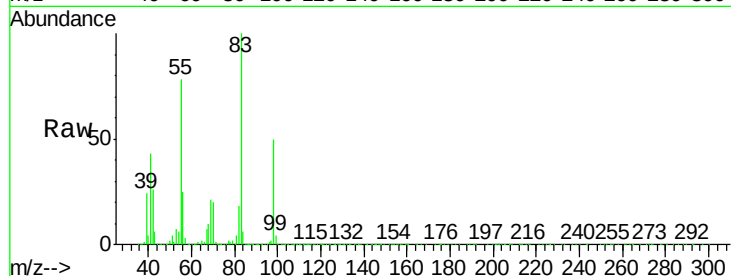




#39
Methylcyclohexane
Concen: 54.44 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

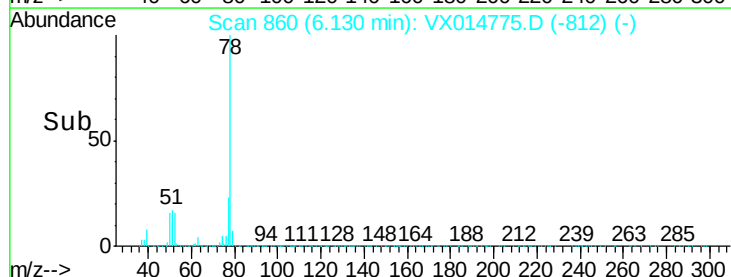
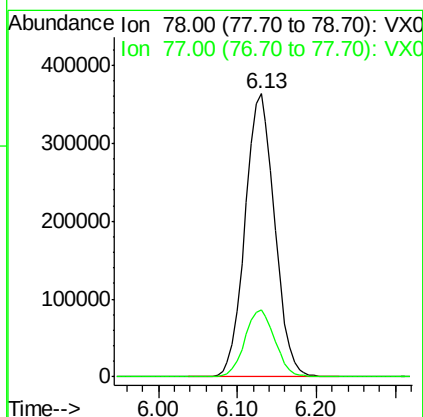
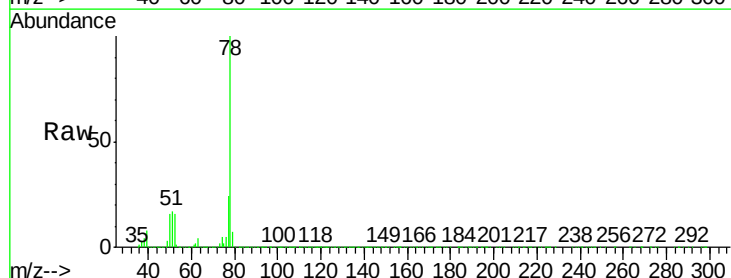
Instrument :
MSVOA_X
ClientSampleId :
BFB

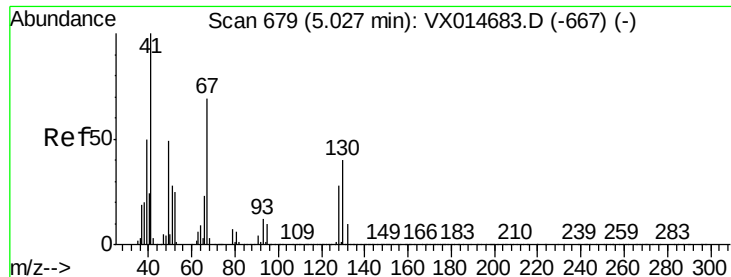
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.6	65.6	98.4
98	49.8	40.2	60.4



#40
Benzene
Concen: 52.87 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.7	28.1

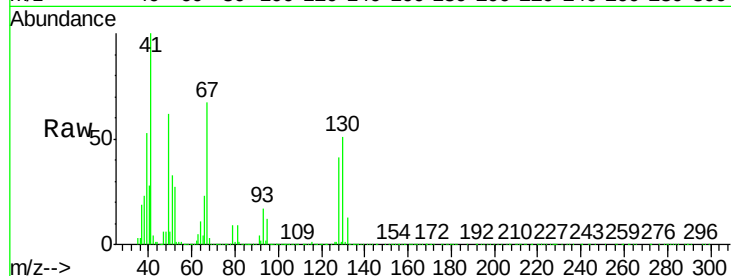




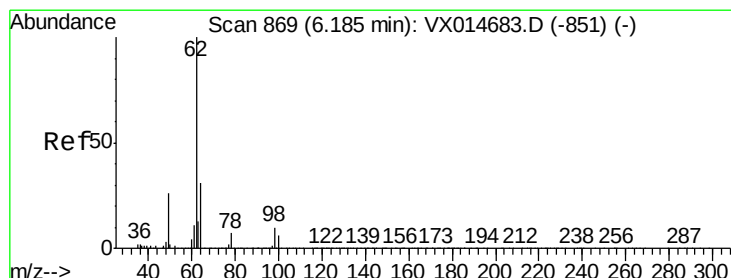
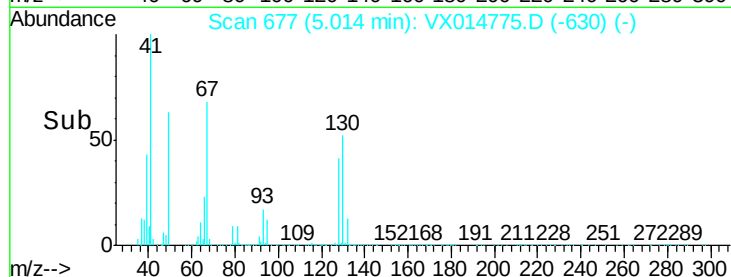
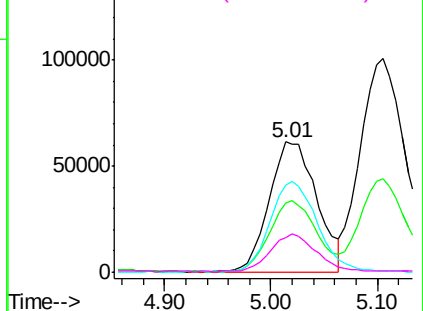
#41
Methacrylonitrile
Concen: 49.72 ug/l
RT: 5.01 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:	41	Resp:	188660
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.2	63.2
67	69.4	55.4	83.0
52	27.5	22.1	33.1

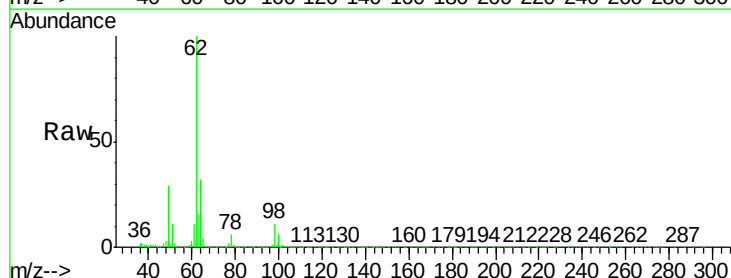


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

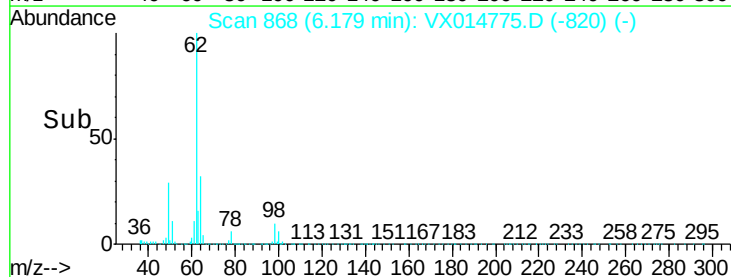
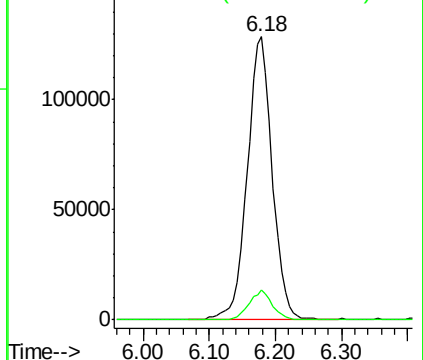


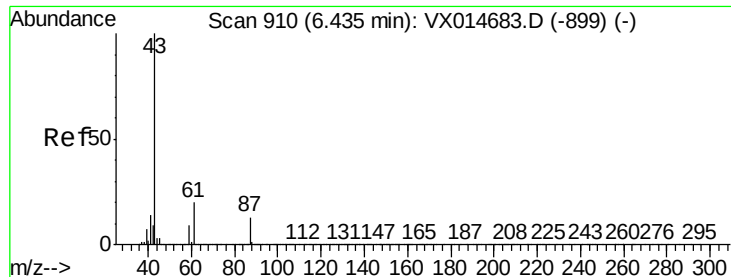
#42
1,2-Dichloroethane
Concen: 54.42 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion:	62	Resp:	337194
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 50.52 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

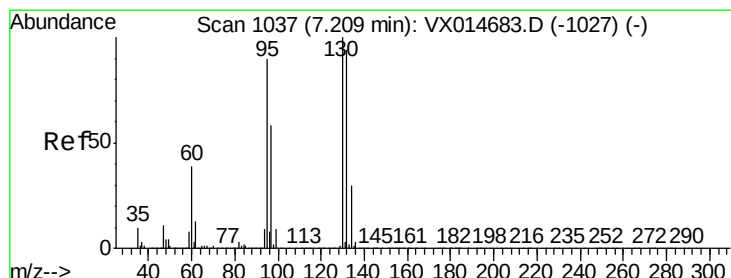
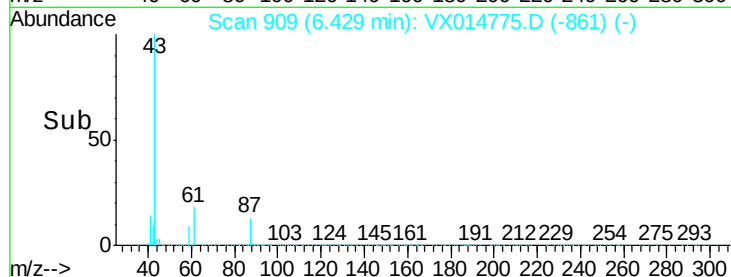
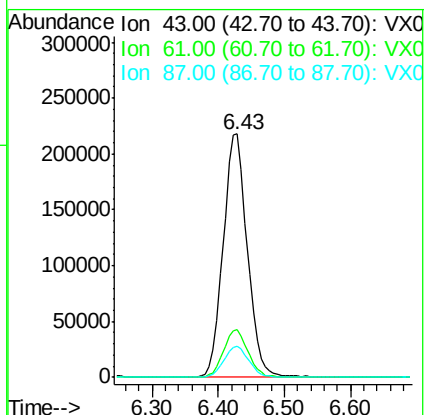
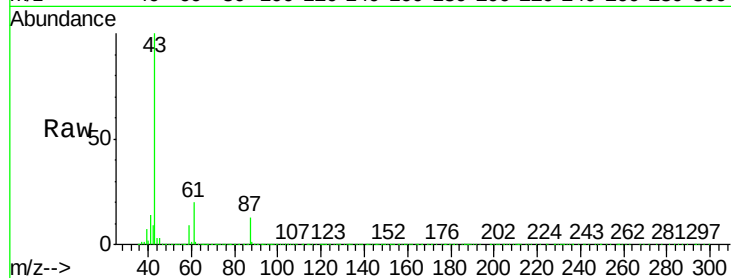
Tgt Ion: 43 Resp: 550221

Ion Ratio Lower Upper

43 100

61 19.8 16.2 24.4

87 13.1 10.5 15.7



#44

Trichloroethene

Concen: 52.51 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014775.D

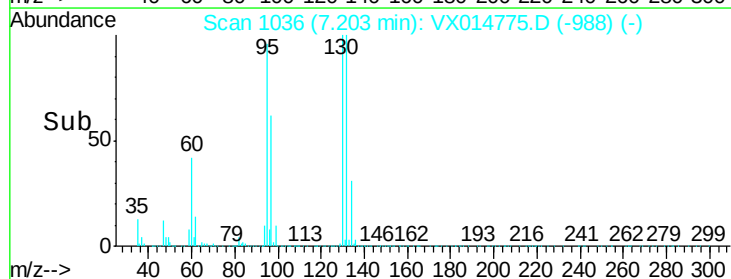
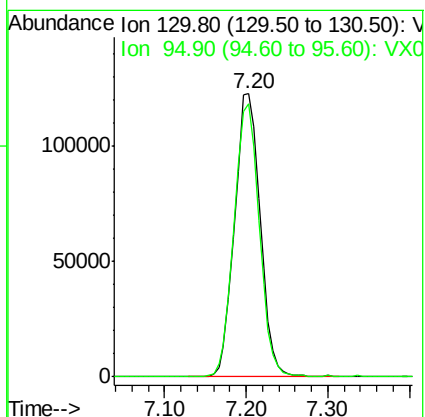
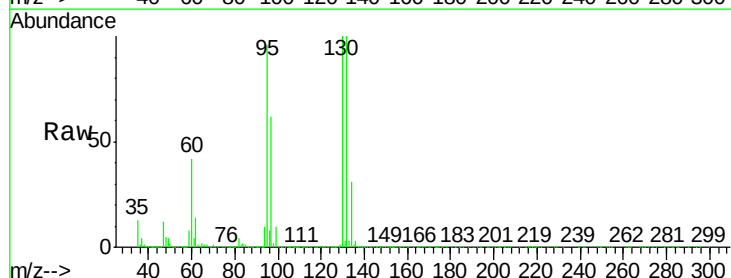
Acq: 31 Jan 2020 10:52

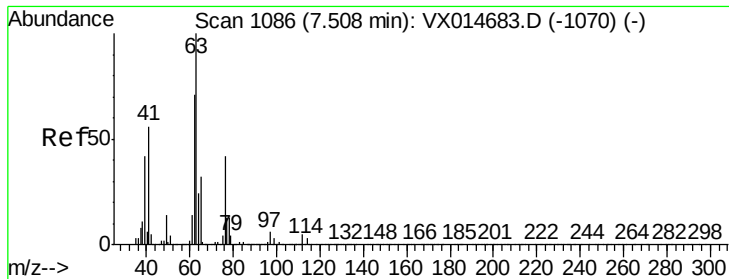
Tgt Ion: 130 Resp: 266086

Ion Ratio Lower Upper

130 100

95 96.3 0.0 179.8

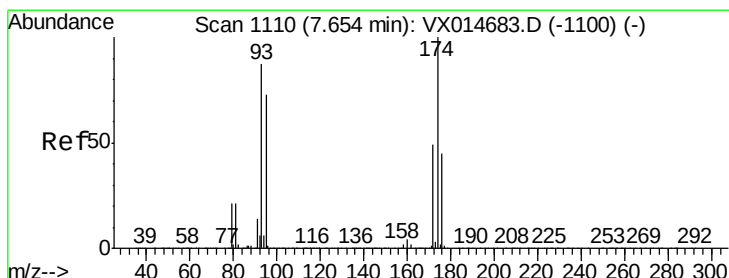
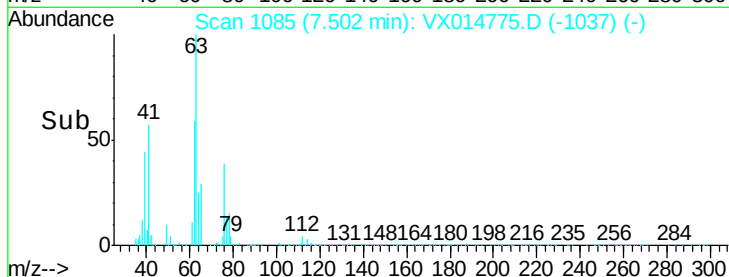
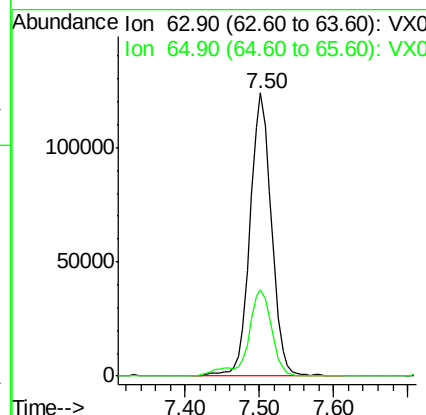
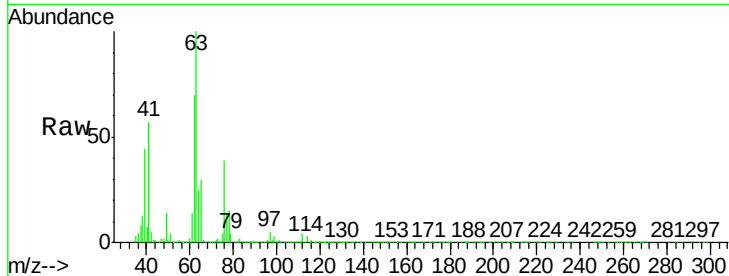




#45
 1,2-Dichloropropane
 Concen: 54.04 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

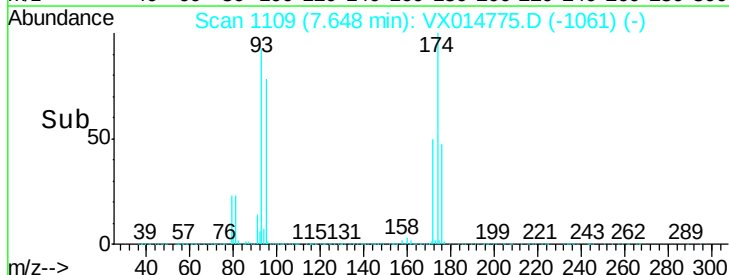
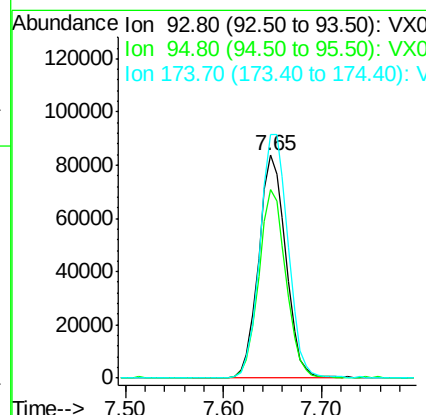
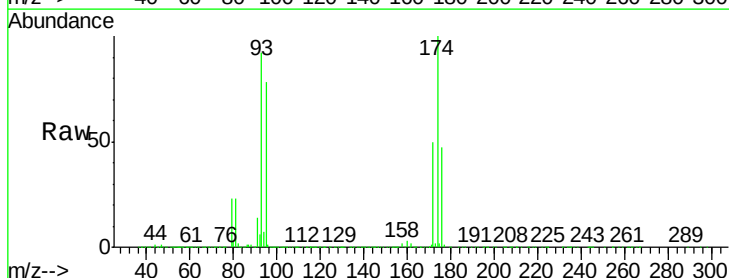
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

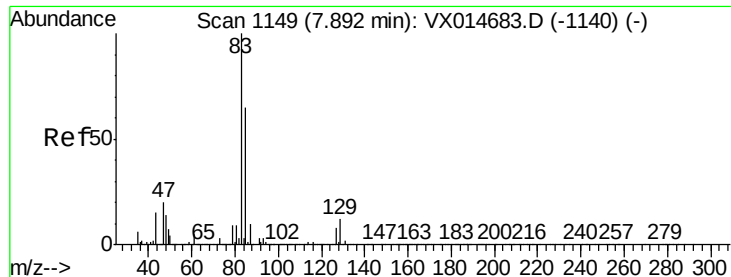
Tgt Ion: 63 Resp: 249778
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.2 37.8



#46
 Dibromomethane
 Concen: 53.92 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion: 93 Resp: 161424
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.4
 174 113.4 90.2 135.2





#47

Bromodichloromethane

Concen: 56.36 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

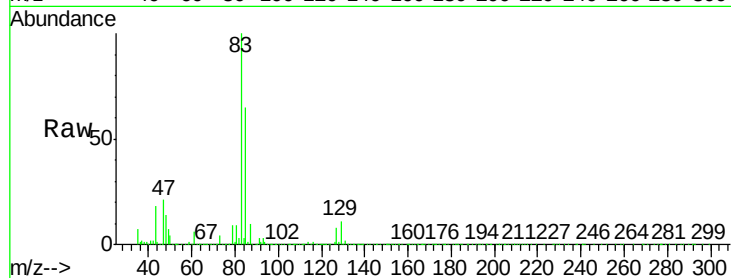
Tgt Ion: 83 Resp: 330915

Ion Ratio Lower Upper

83 100

85 64.8 52.2 78.2

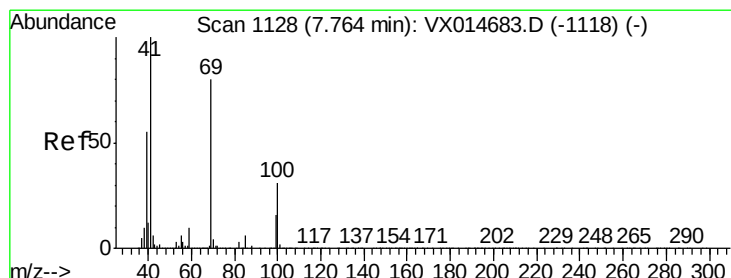
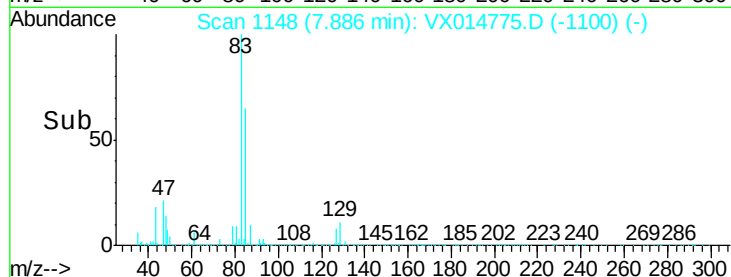
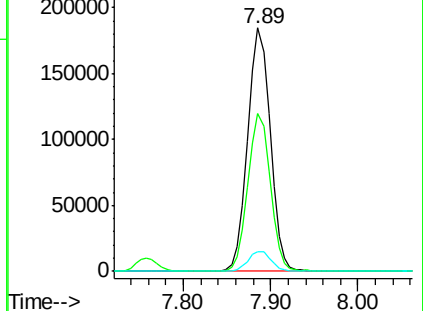
127 8.2 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.39 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

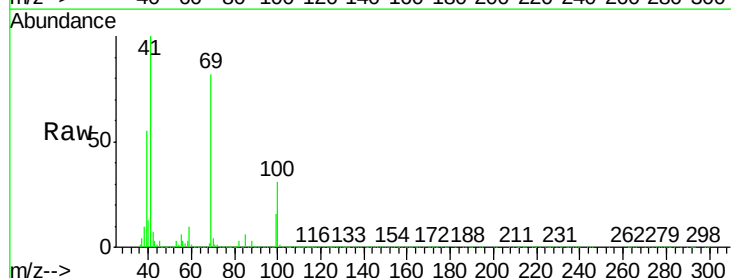
Tgt Ion: 41 Resp: 277794

Ion Ratio Lower Upper

41 100

69 80.0 63.5 95.3

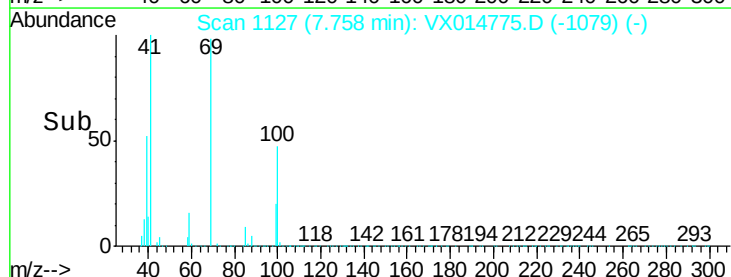
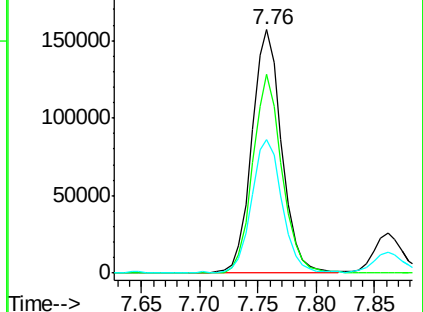
39 56.3 43.7 65.5

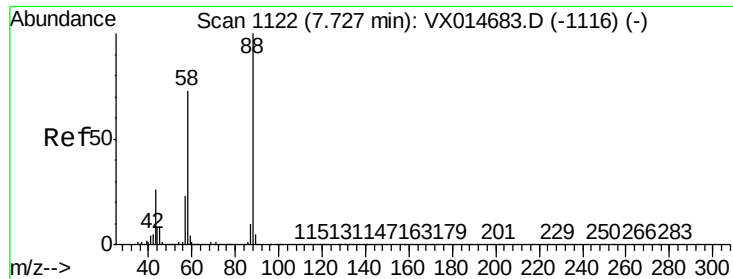


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 866.96 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

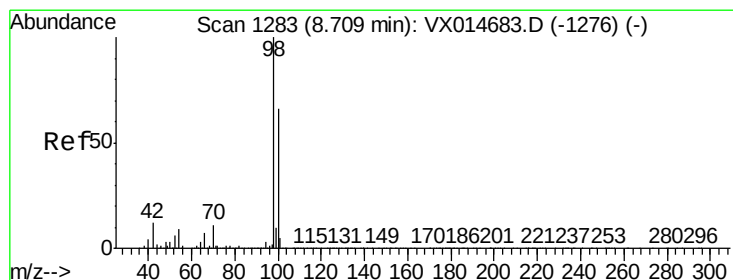
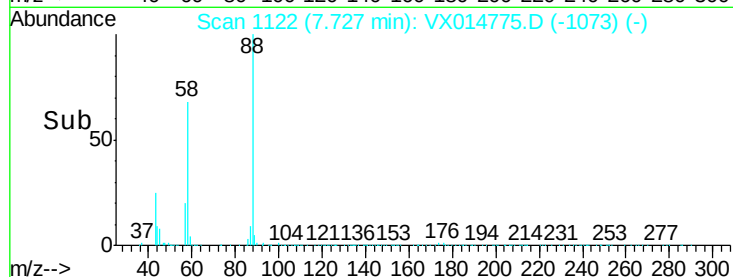
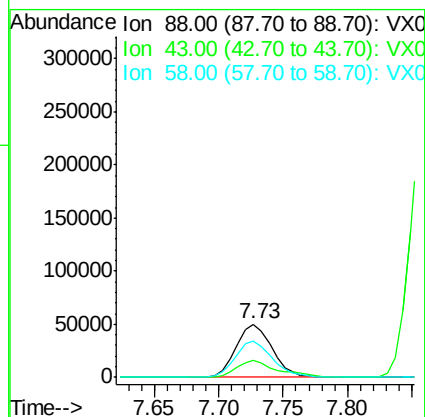
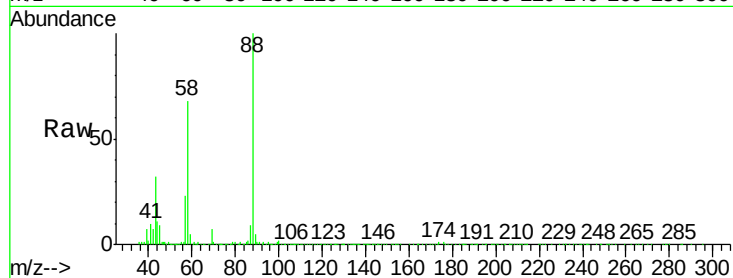
Tgt Ion: 88 Resp: 95627

Ion Ratio Lower Upper

88 100

43 35.1 26.2 39.2

58 71.6 56.6 85.0



#50

Toluene-d8

Concen: 49.16 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014775.D

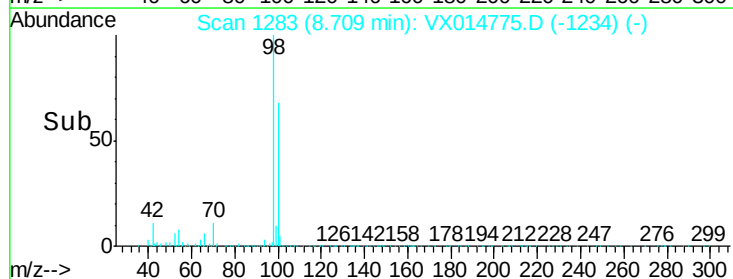
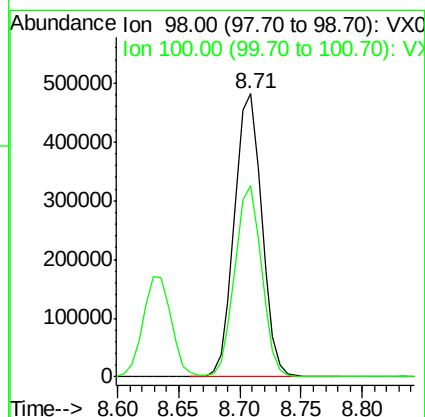
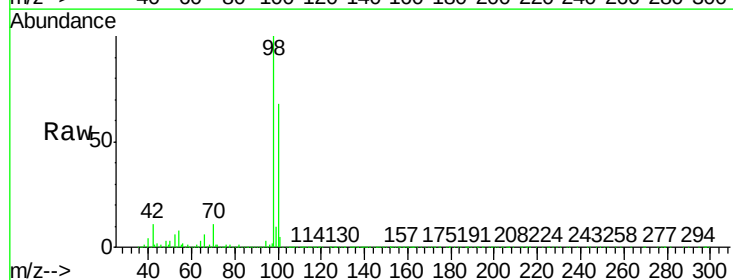
Acq: 31 Jan 2020 10:52

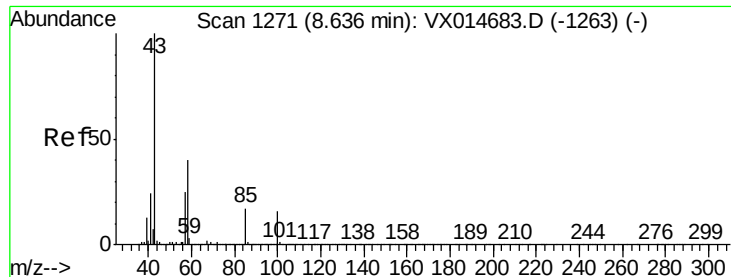
Tgt Ion: 98 Resp: 745228

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 250.64 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

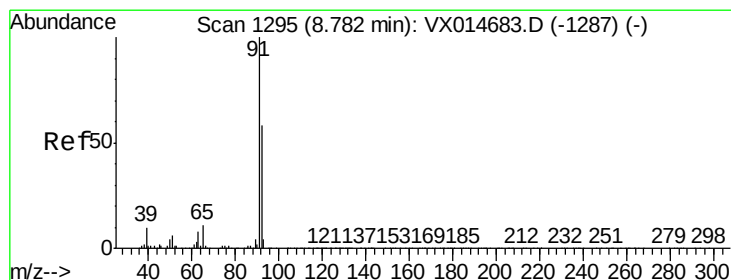
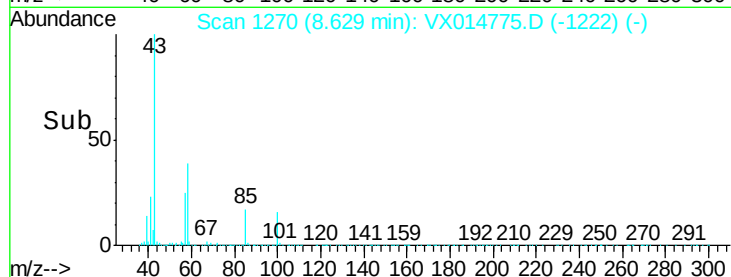
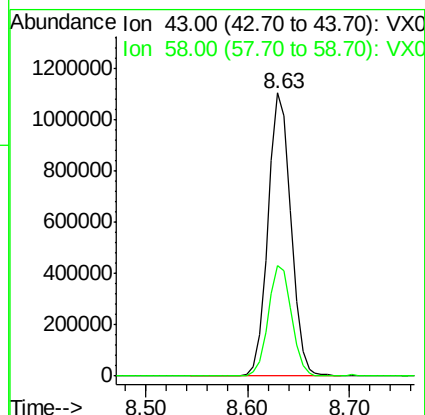
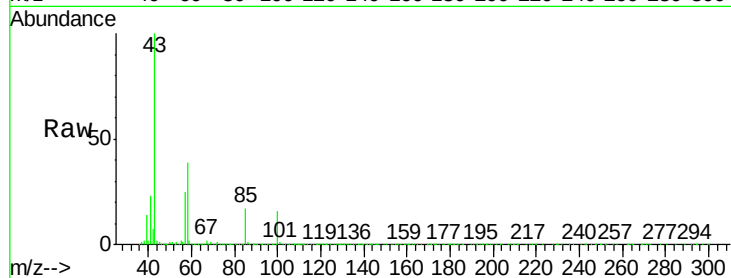
BFB

Tgt Ion: 43 Resp: 1722785

Ion Ratio Lower Upper

43 100

58 39.5 31.6 47.4



#52

Toluene

Concen: 54.68 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014775.D

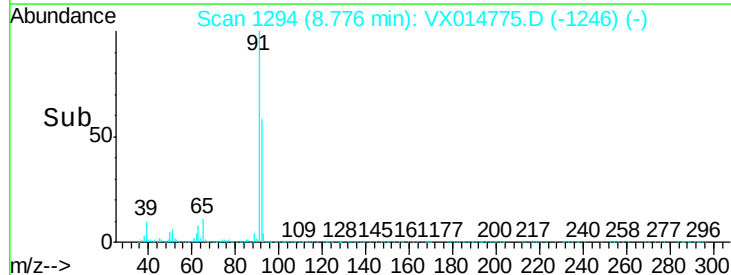
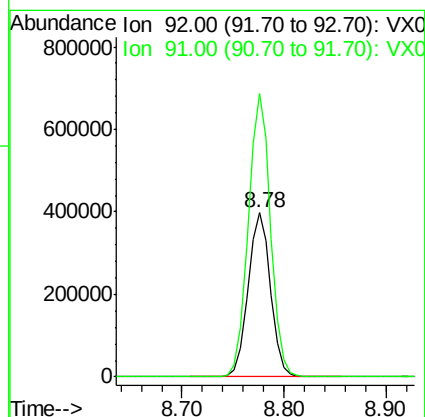
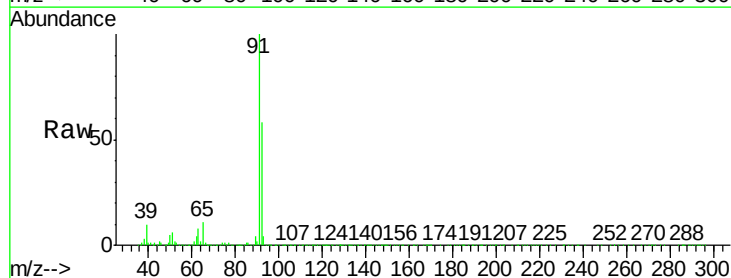
Acq: 31 Jan 2020 10:52

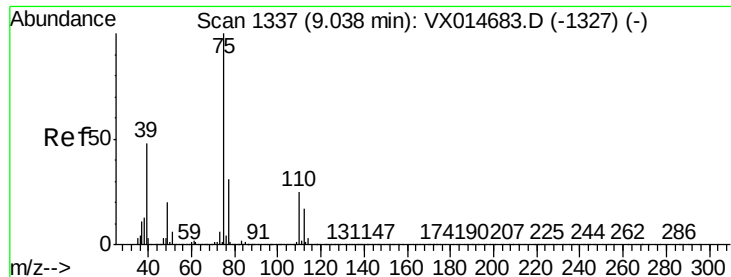
Tgt Ion: 92 Resp: 603059

Ion Ratio Lower Upper

92 100

91 171.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 57.18 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

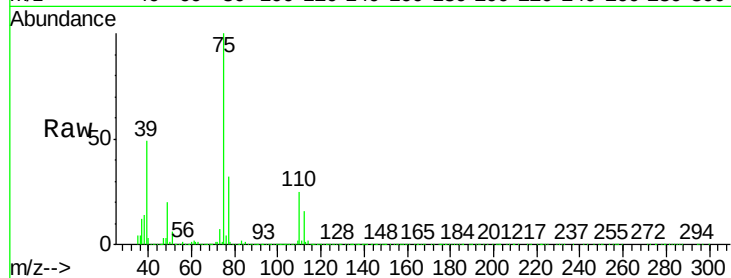
BFB

Tgt Ion: 75 Resp: 361477

Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

250000

200000

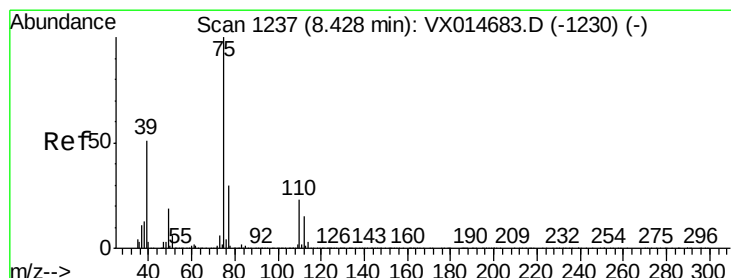
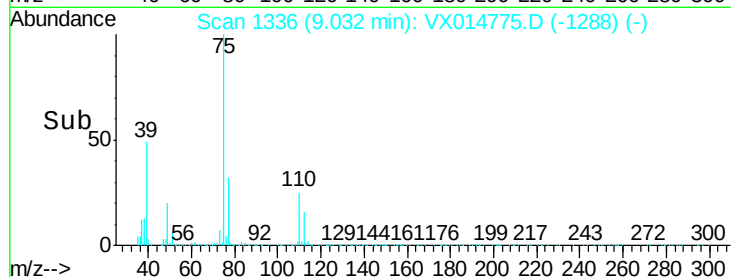
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 57.77 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

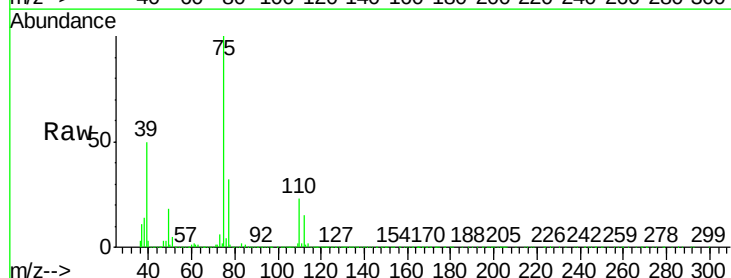
Tgt Ion: 75 Resp: 401802

Ion Ratio Lower Upper

75 100

77 32.0 23.9 35.9

39 50.0 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

8.43

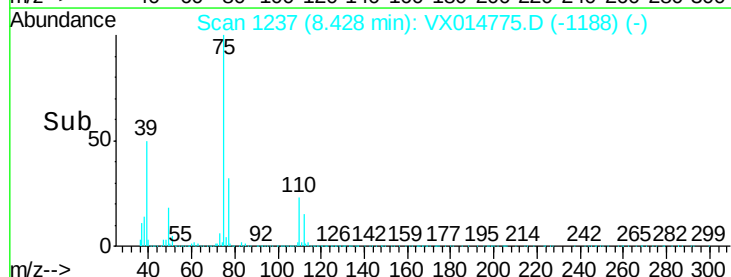
300000

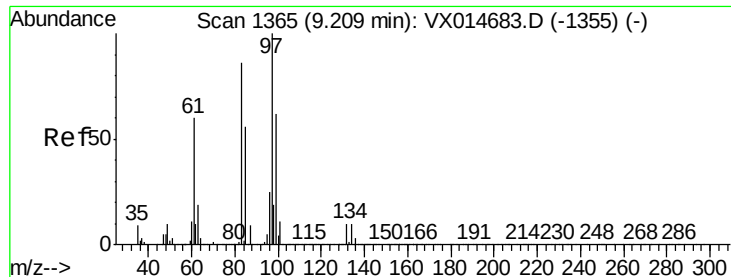
200000

100000

0

Time-->

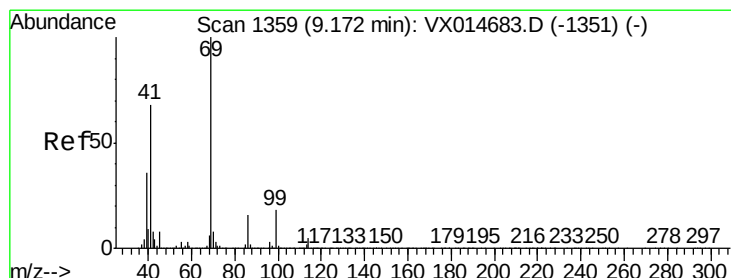
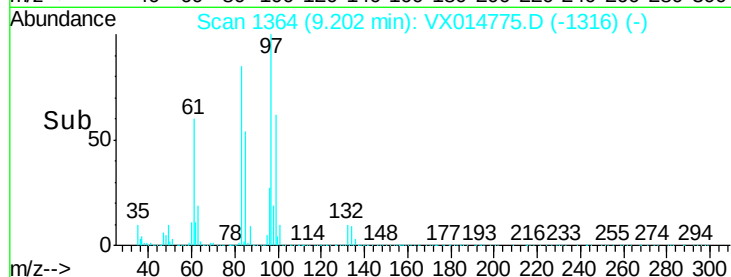
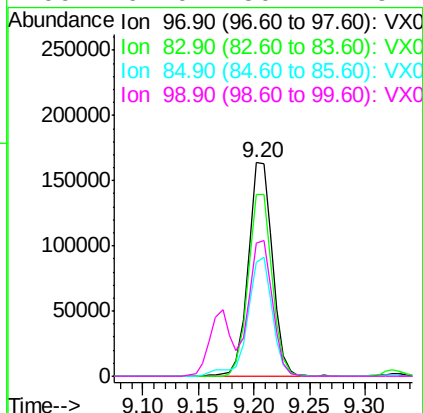
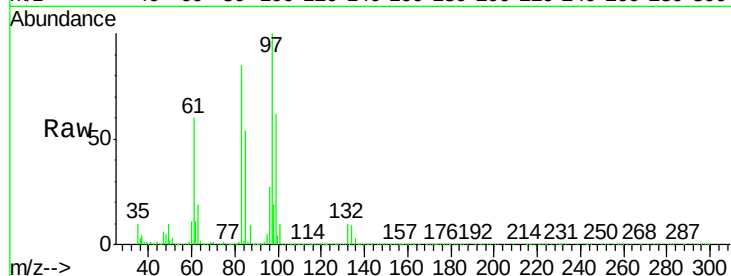




#55
 1,1,2-Trichloroethane
 Concen: 54.45 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

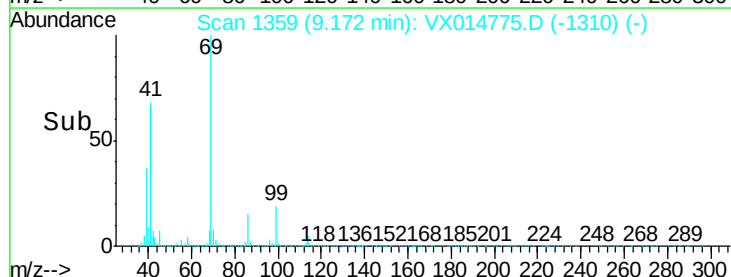
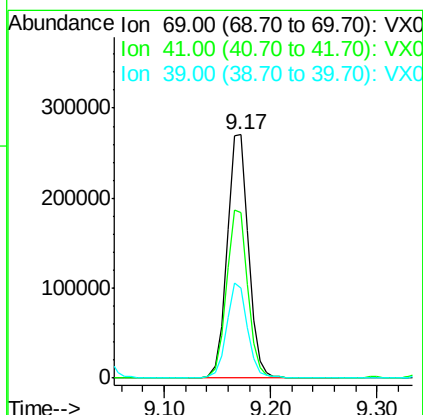
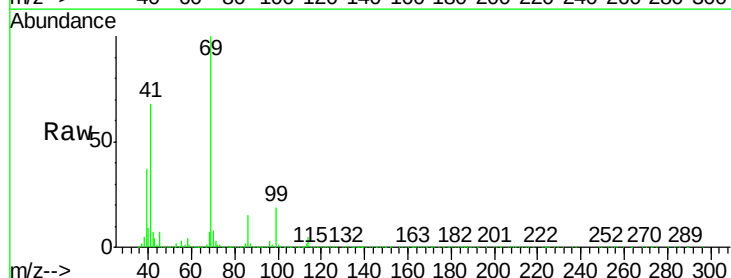
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

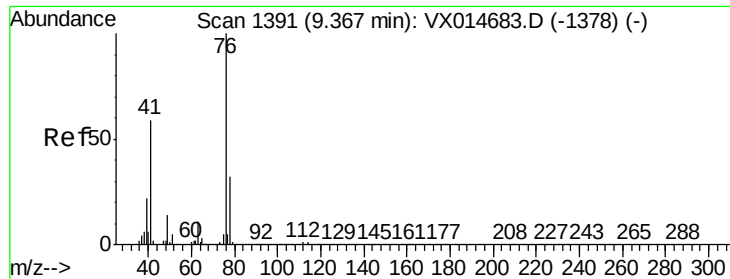
Tgt Ion:	97	Resp:	245860
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.2	103.8
85	53.6	44.6	67.0
99	62.0	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 49.68 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion:	69	Resp:	380216
Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.9	82.3
39	38.1	29.3	43.9





#57

1,3-Dichloropropane

Concen: 53.95 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

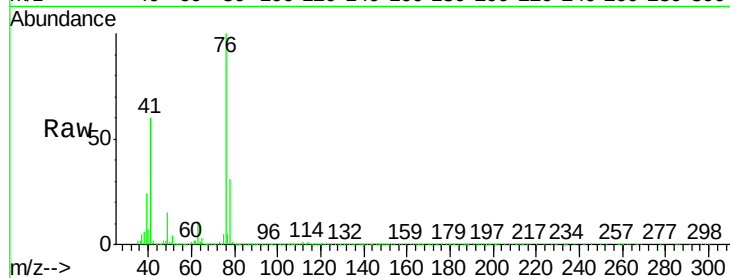
BFB

Tgt Ion: 76 Resp: 416466

Ion Ratio Lower Upper

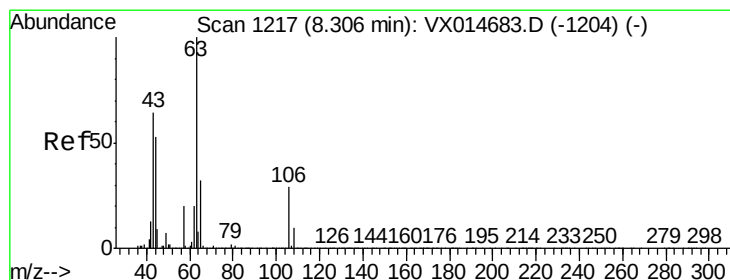
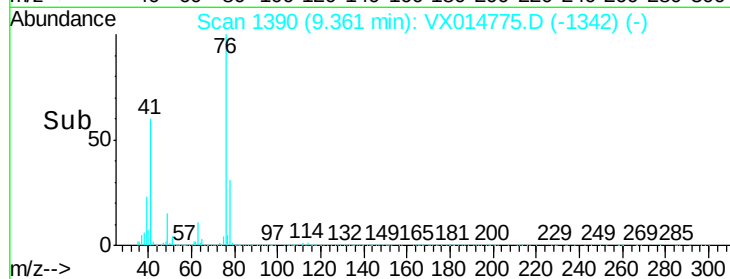
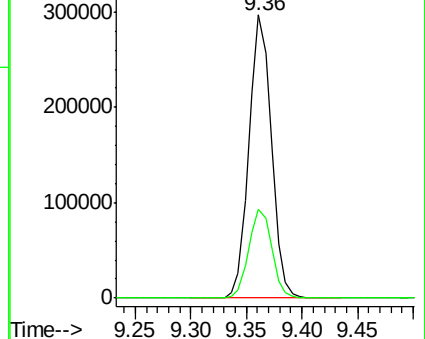
76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 265.34 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014775.D

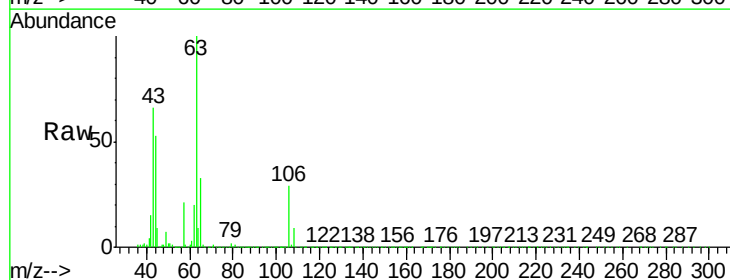
Acq: 31 Jan 2020 10:52

Tgt Ion: 63 Resp: 602535

Ion Ratio Lower Upper

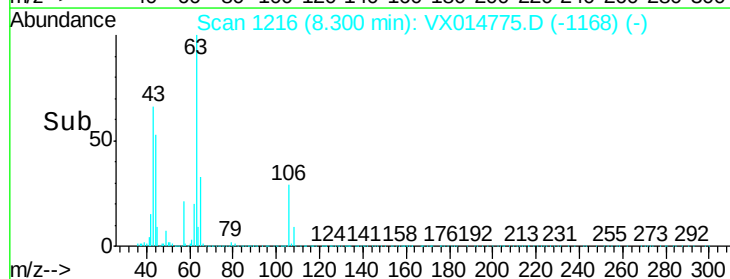
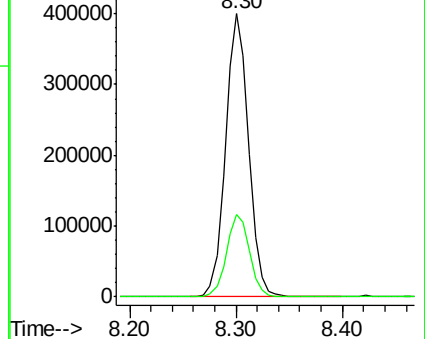
63 100

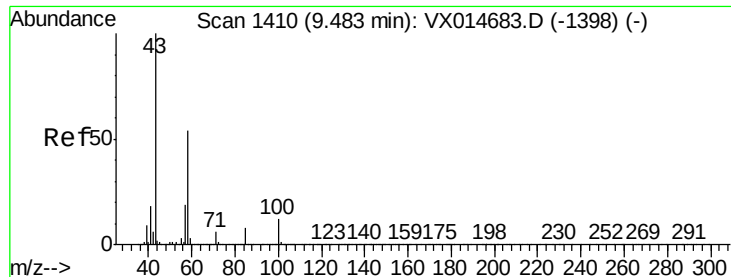
106 29.0 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

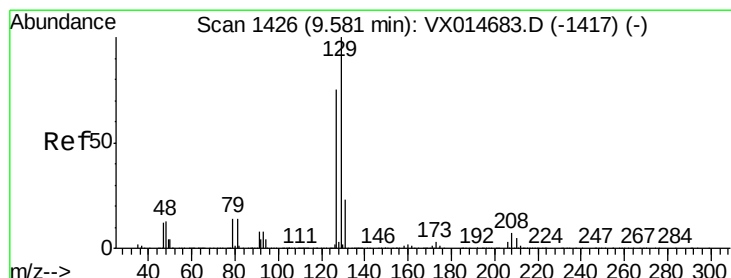
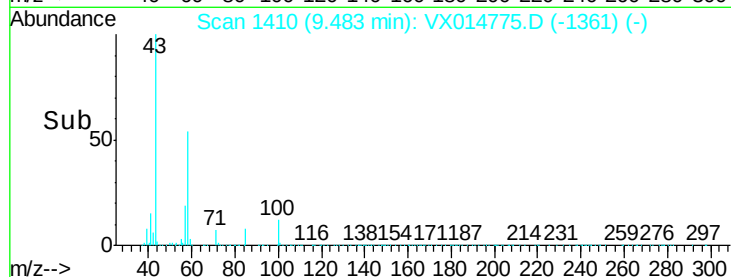
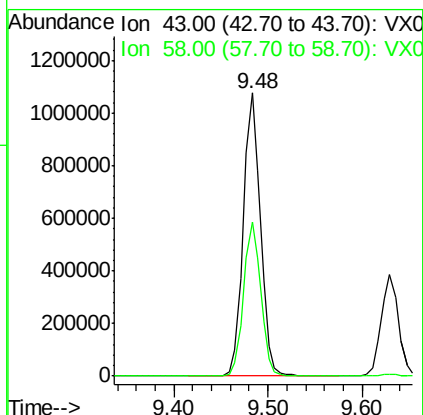
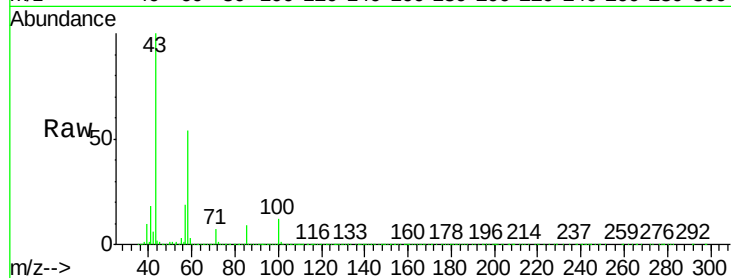




#59
2-Hexanone
Concen: 256.63 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

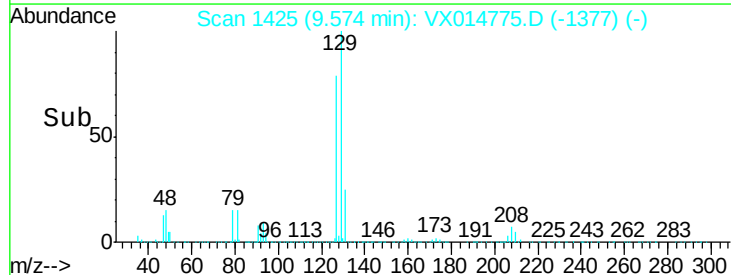
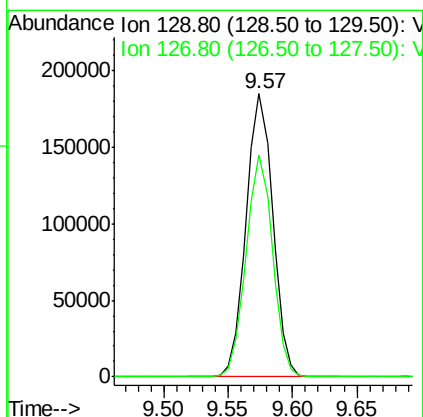
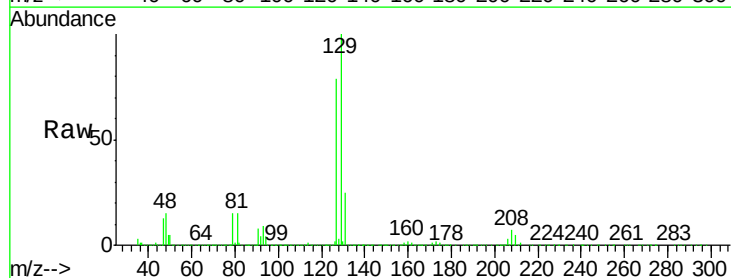
Instrument :
MSVOA_X
ClientSampleId :
BFB

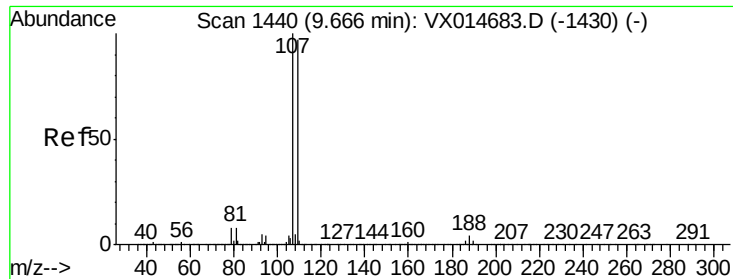
Tgt Ion: 43 Resp: 1368849
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5



#60
Dibromochloromethane
Concen: 56.20 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion: 129 Resp: 264886
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.67 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

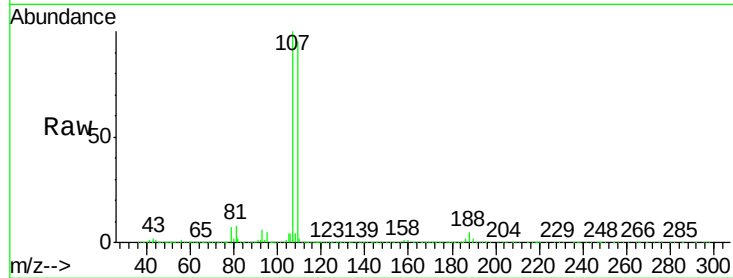
BFB

Tgt Ion: 107 Resp: 256220

Ion Ratio Lower Upper

107 100

109 93.9 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

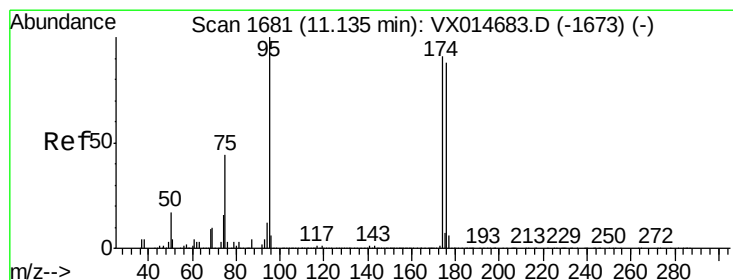
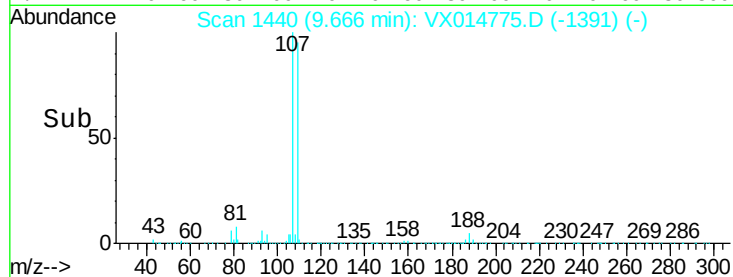
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.59 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

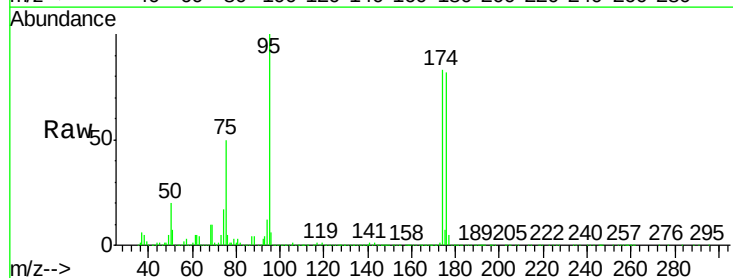
Tgt Ion: 95 Resp: 267771

Ion Ratio Lower Upper

95 100

174 88.9 0.0 176.0

176 87.8 0.0 172.2



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

11.13

250000

200000

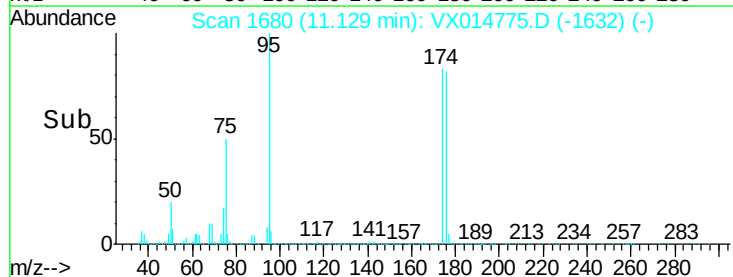
150000

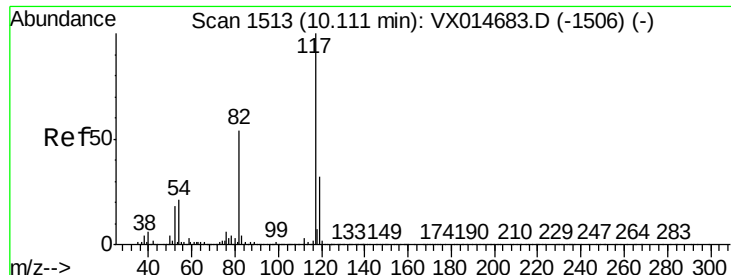
100000

50000

0

Time--> 11.10 11.20

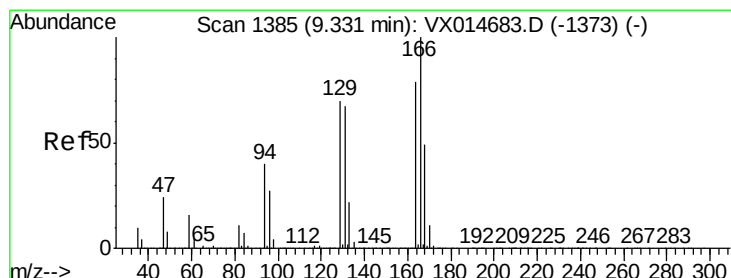
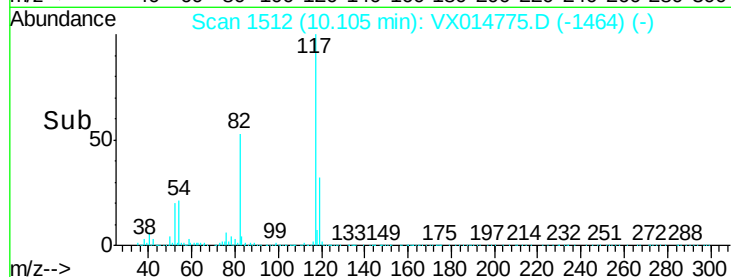
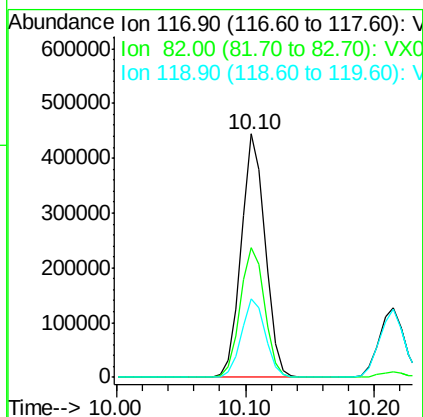
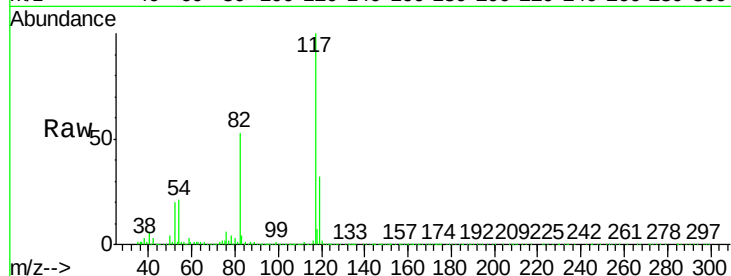




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

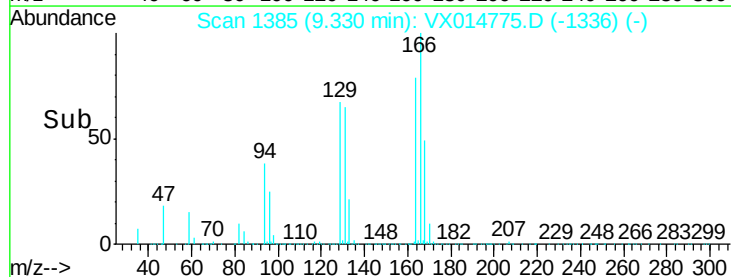
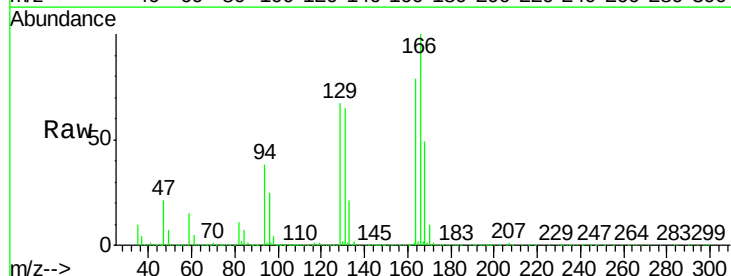
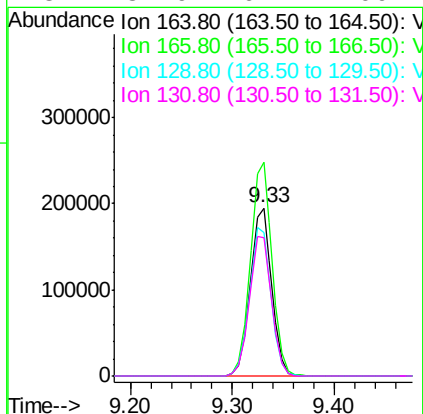
Instrument :
MSVOA_X
ClientSampleId :
BFB

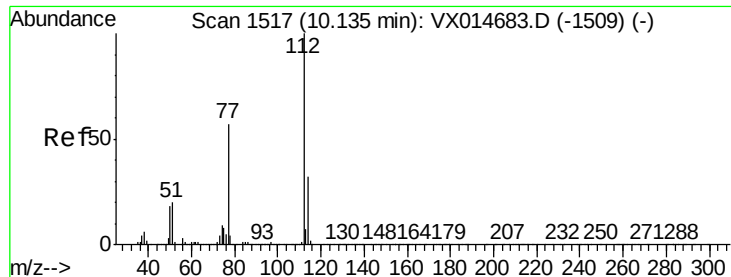
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.2	64.8
119	32.3	25.8	38.6



#64
Tetrachloroethene
Concen: 50.91 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.9	151.3
129	85.3	71.0	106.6
131	81.9	67.1	100.7

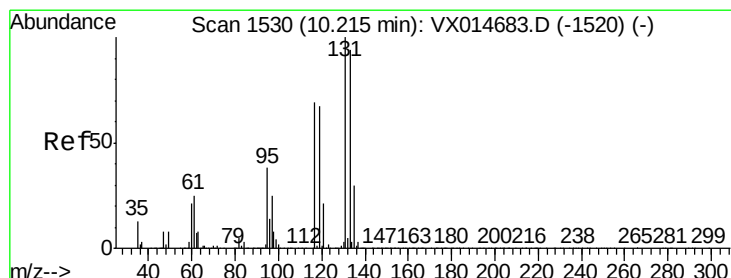
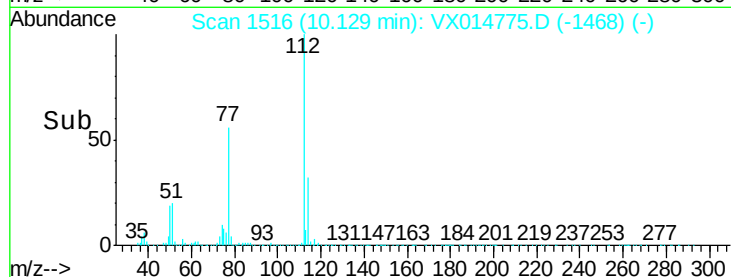
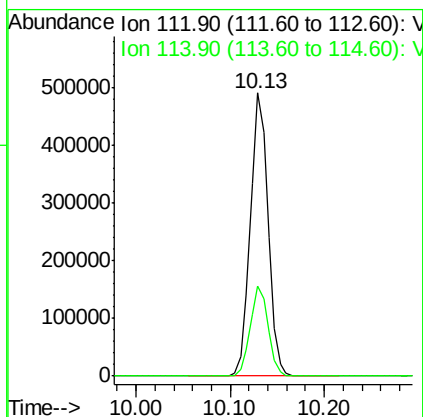
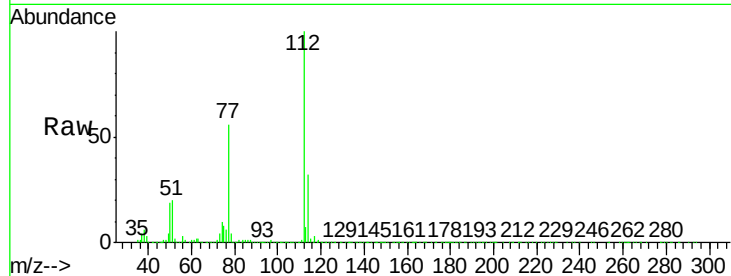




#65
Chlorobenzene
Concen: 53.75 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

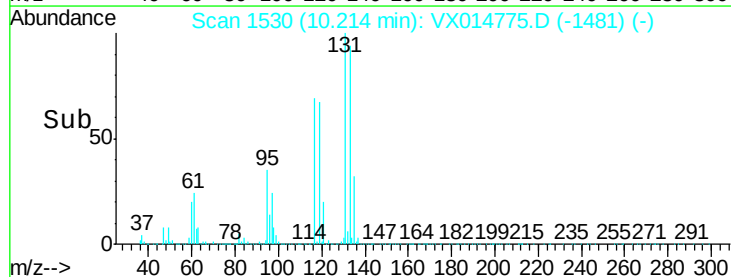
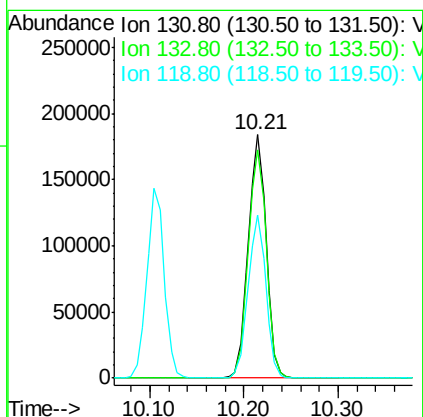
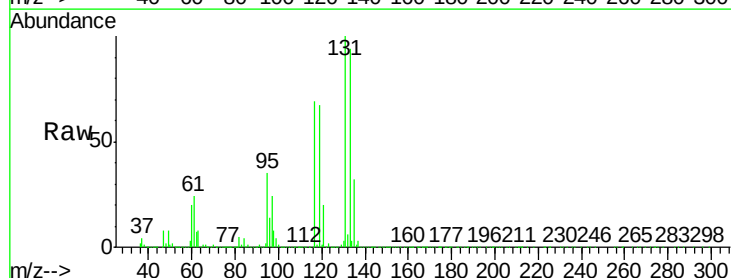
Instrument :
MSVOA_X
ClientSampled :
BFB

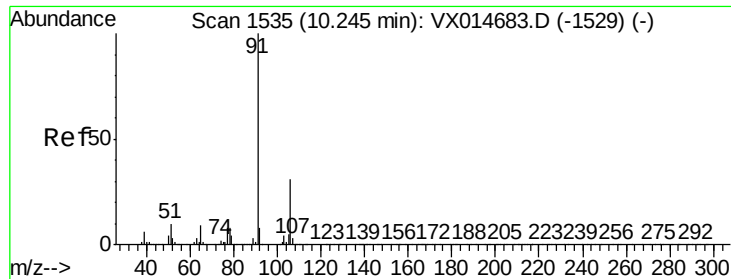
Tgt Ion:112 Resp: 654023
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.84 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion:131 Resp: 246025
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.3
119 66.2 33.3 99.8





#67

Ethyl Benzene

Concen: 56.01 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

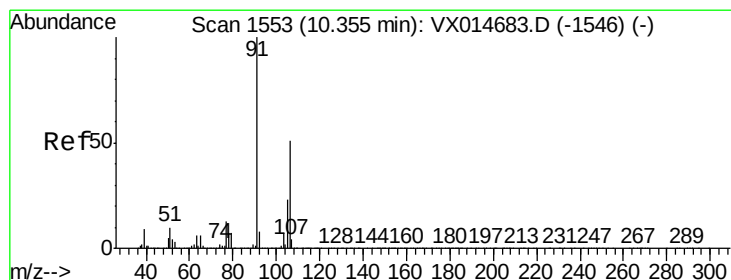
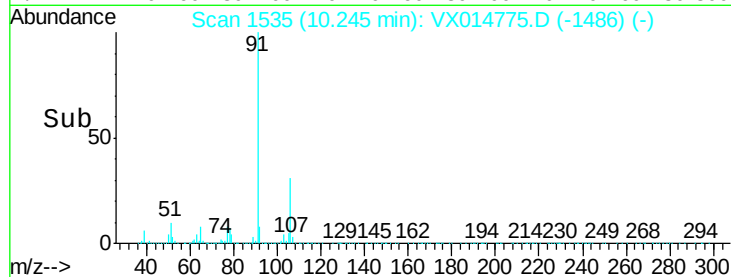
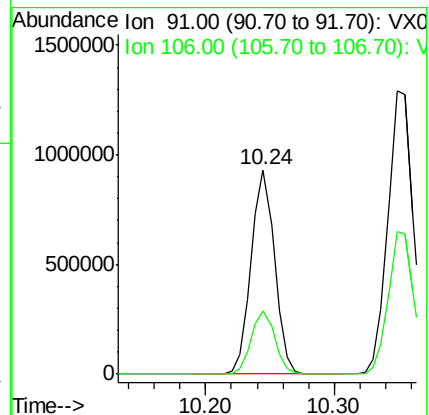
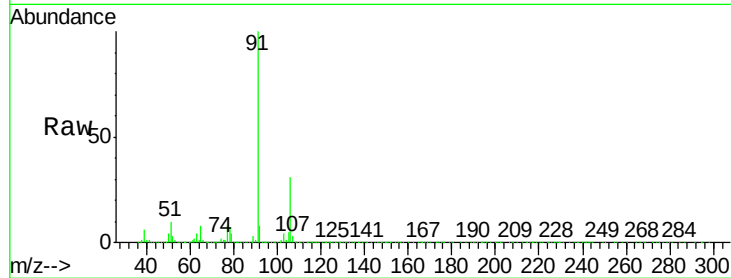
BFB

Tgt Ion: 91 Resp: 1163600

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



#68

m/p-Xylenes

Concen: 112.48 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX014775.D

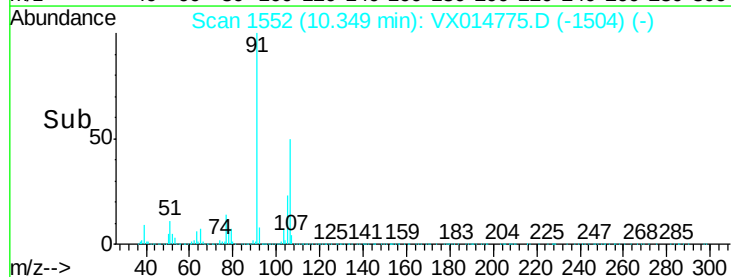
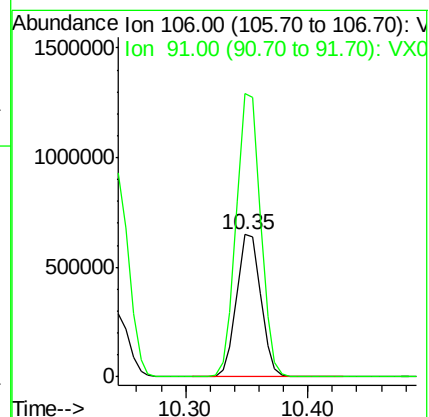
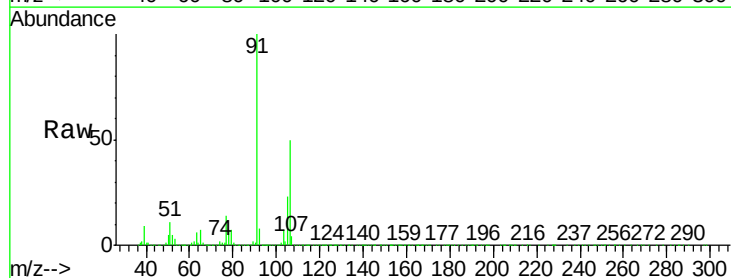
Acq: 31 Jan 2020 10:52

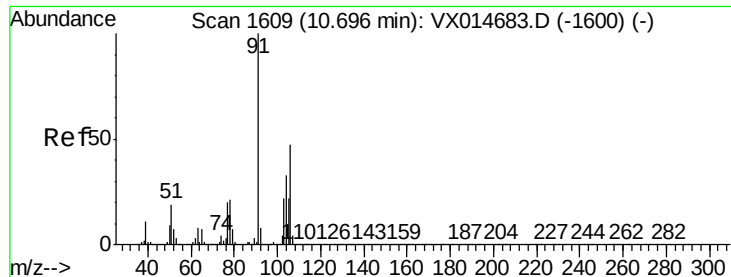
Tgt Ion: 106 Resp: 885361

Ion Ratio Lower Upper

106 100

91 199.9 159.4 239.2

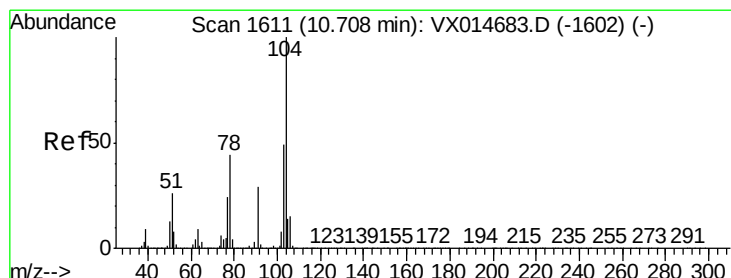
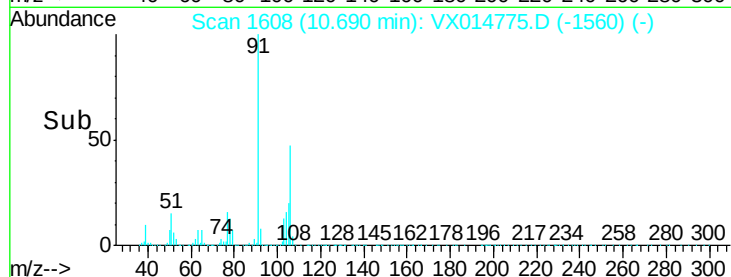
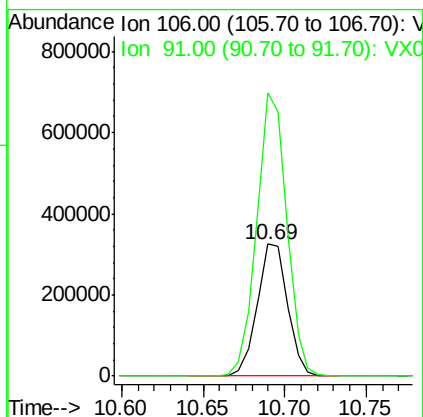
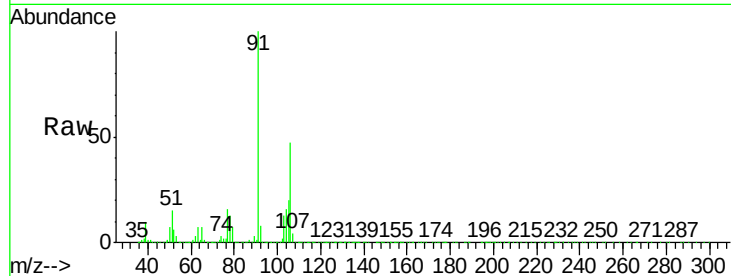




#69
o-Xylene
Concen: 55.61 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

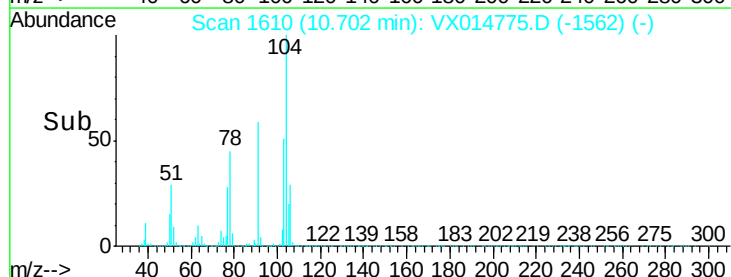
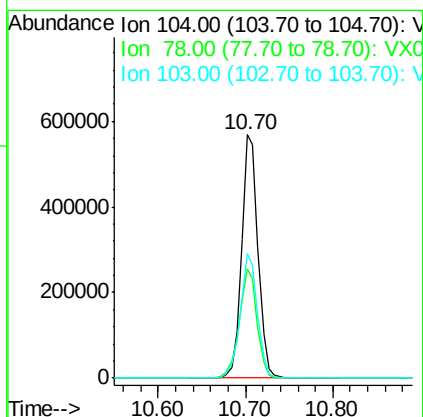
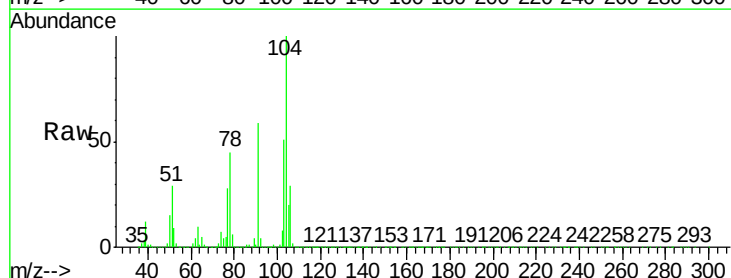
Instrument :
MSVOA_X
ClientSampleId :
BFB

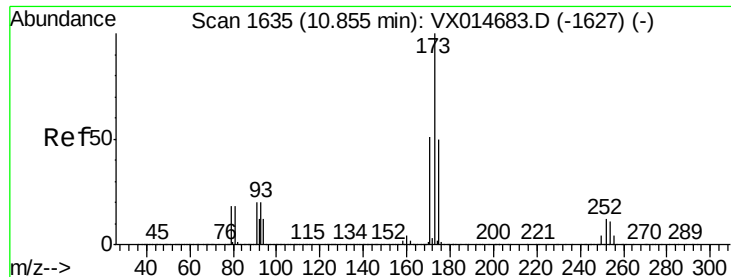
Tgt Ion:106 Resp: 422584
Ion Ratio Lower Upper
106 100
91 212.4 106.2 318.6



#70
Styrene
Concen: 58.19 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion:104 Resp: 741696
Ion Ratio Lower Upper
104 100
78 48.5 39.3 58.9
103 54.1 43.5 65.3

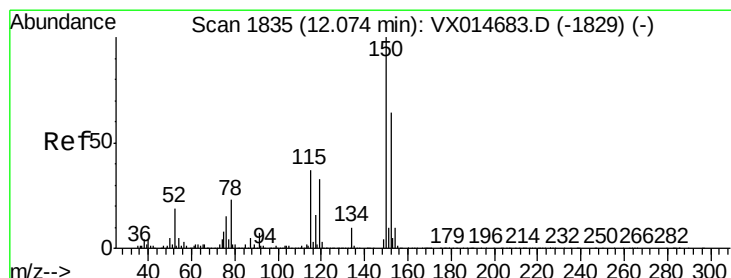
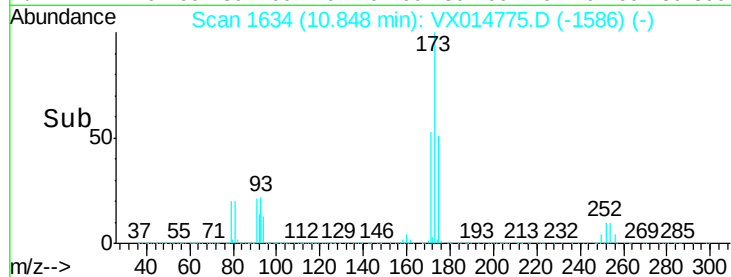
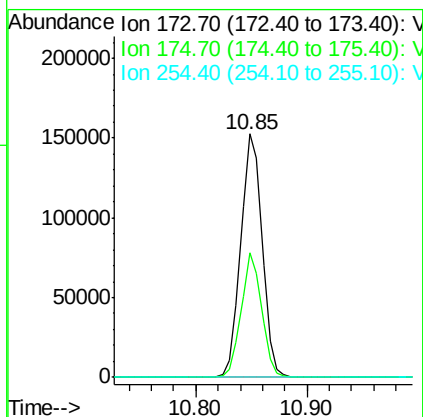
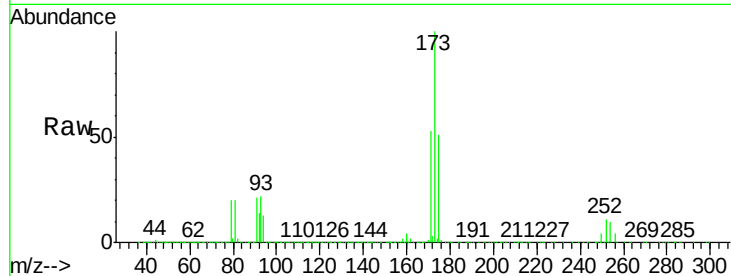




#71
Bromoform
Concen: 57.13 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

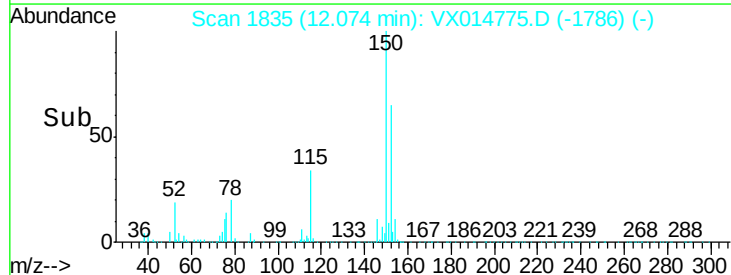
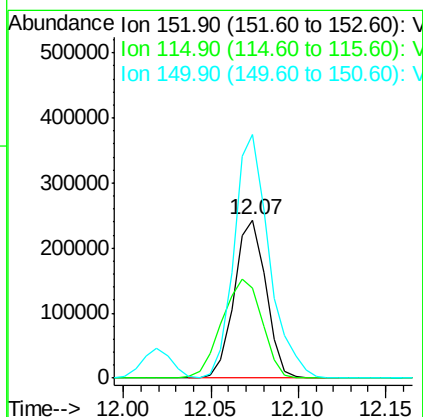
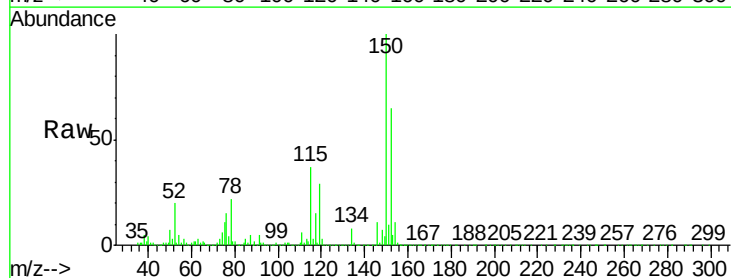
Instrument :
MSVOA_X
ClientSampled :
BFB

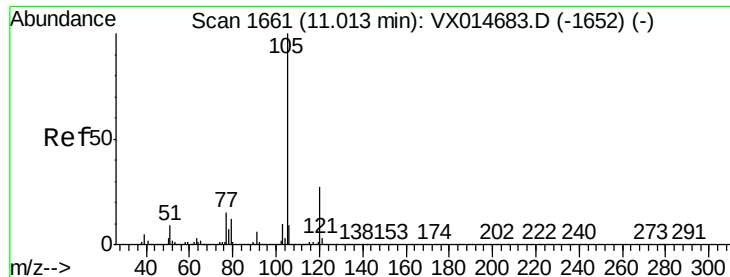
Tgt Ion:173 Resp: 203831
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion:152 Resp: 305854
Ion Ratio Lower Upper
152 100
115 79.2 39.4 118.1
150 170.4 0.0 351.2





#73

Isopropylbenzene

Concen: 53.26 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

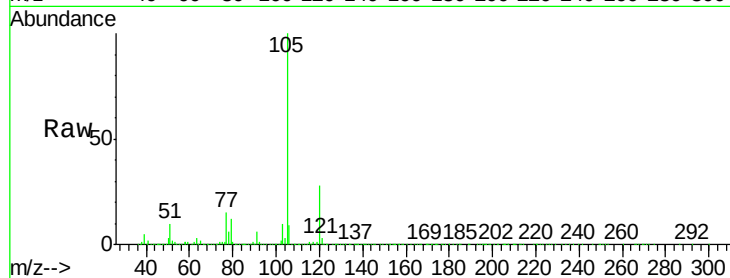
BFB

Tgt Ion: 105 Resp: 1145303

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

800000

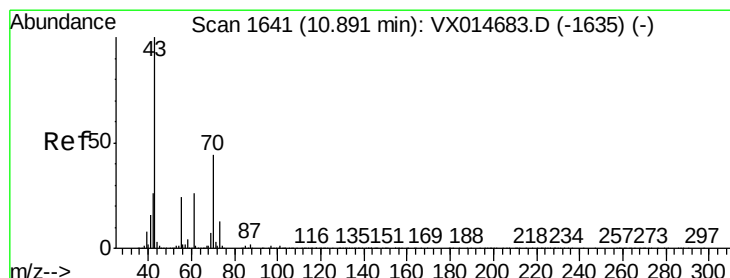
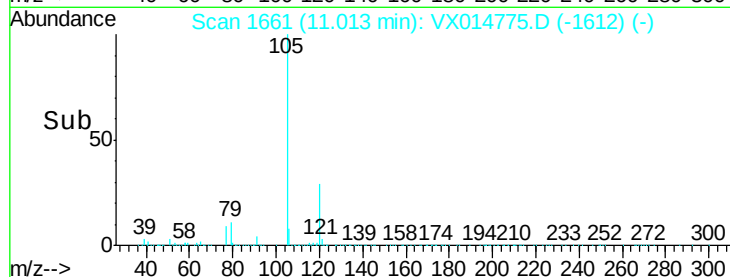
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-amyl acetate

Concen: 50.99 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion: 43 Resp: 480527

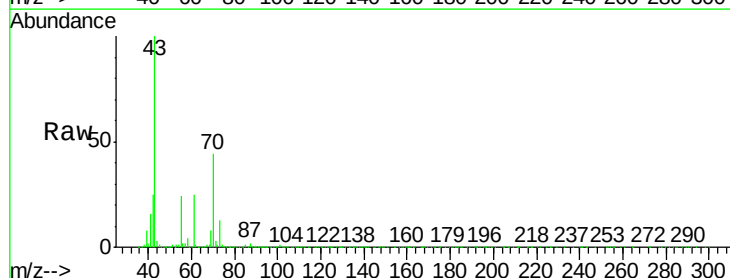
Ion Ratio Lower Upper

43 100

70 43.0 34.6 52.0

55 24.7 19.4 29.2

61 24.5 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

600000

500000

400000

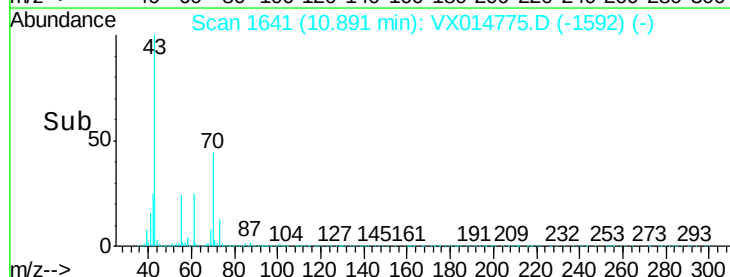
300000

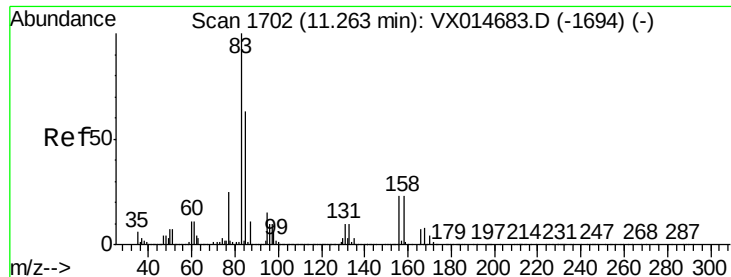
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 46.50 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

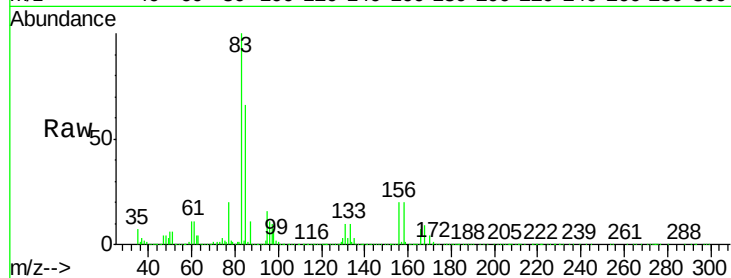
Tgt Ion: 83 Resp: 357023

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

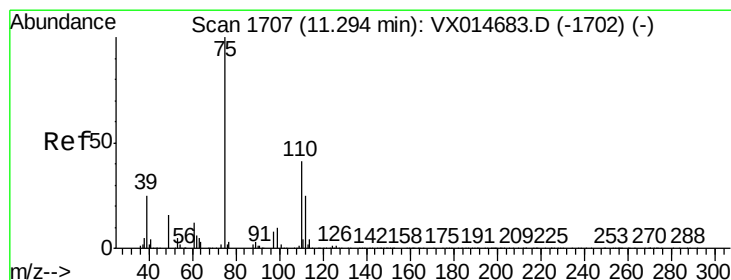
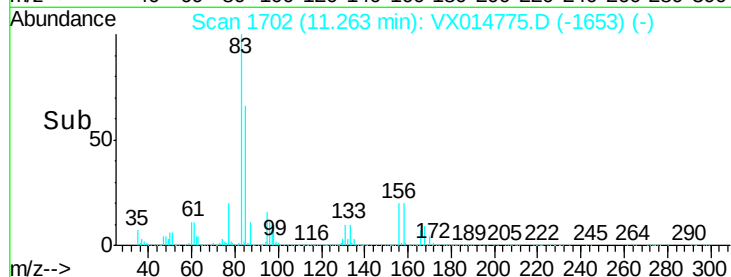
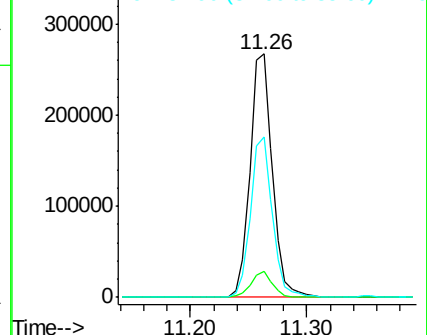
85 64.9 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.17 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014775.D

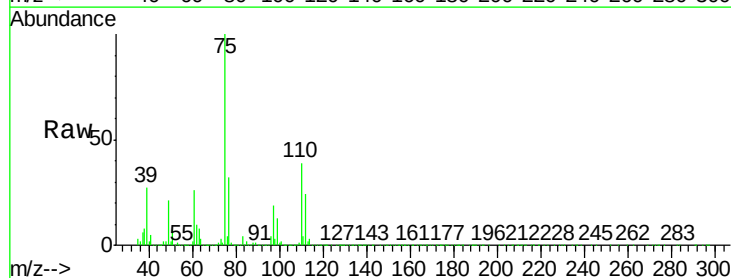
Acq: 31 Jan 2020 10:52

Tgt Ion: 75 Resp: 428180

Ion Ratio Lower Upper

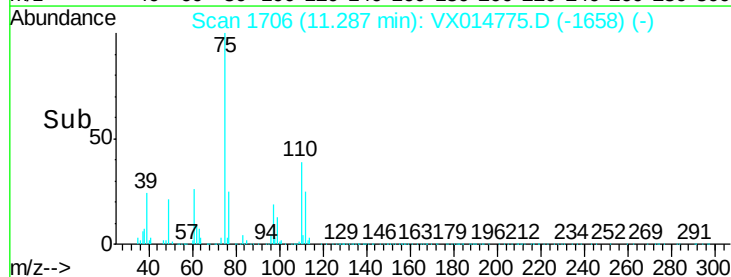
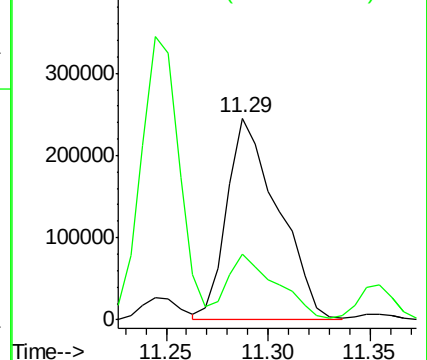
75 100

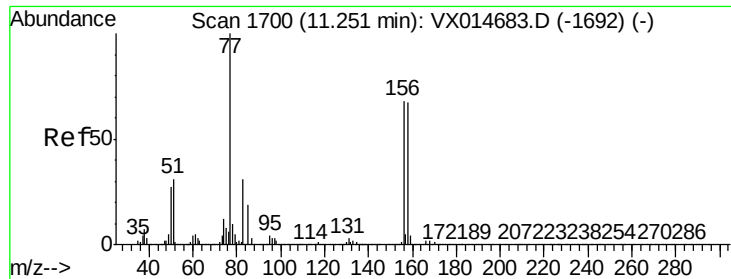
77 31.8 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.72 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

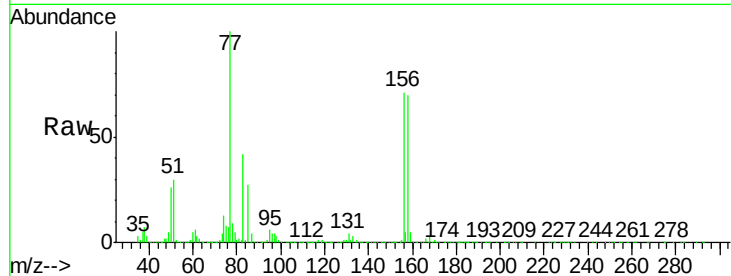
Tgt Ion:156 Resp: 298796

Ion Ratio Lower Upper

156 100

77 150.0 77.5 232.5

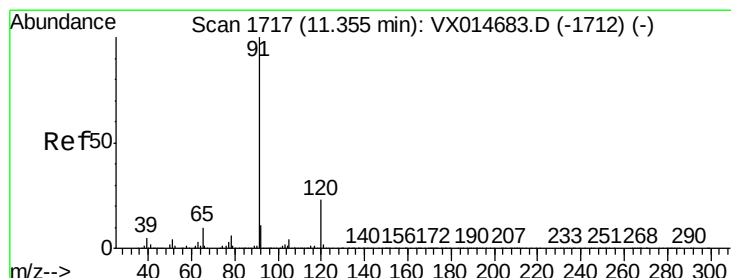
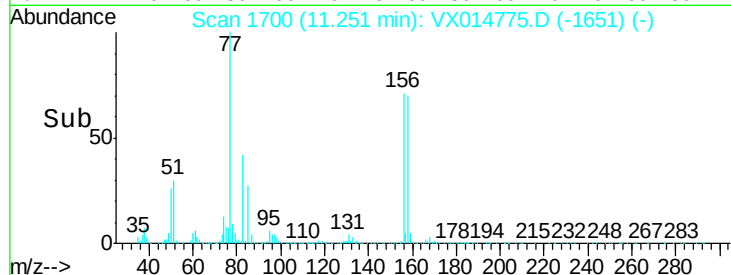
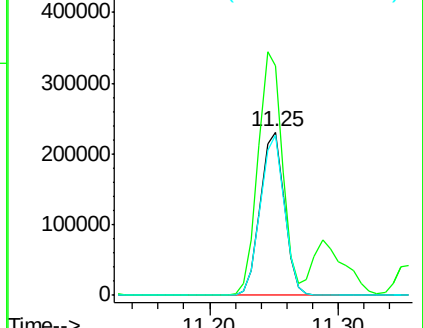
158 97.6 49.1 147.3



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: 54.49 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014775.D

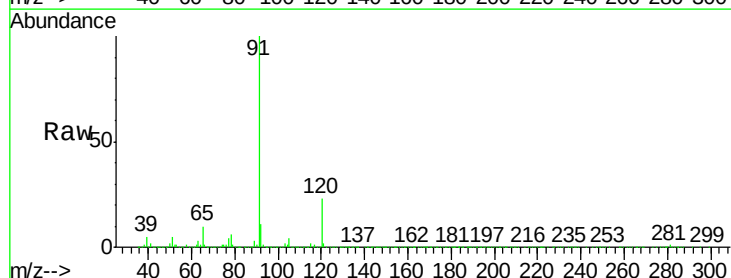
Acq: 31 Jan 2020 10:52

Tgt Ion: 91 Resp: 1330122

Ion Ratio Lower Upper

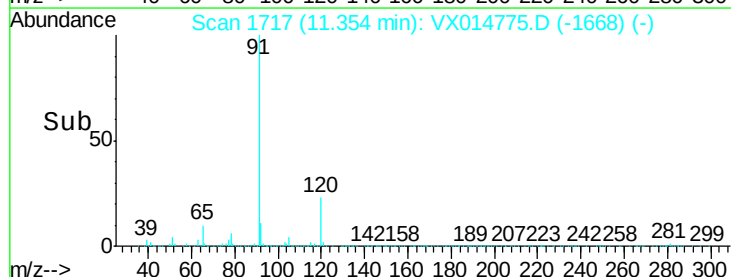
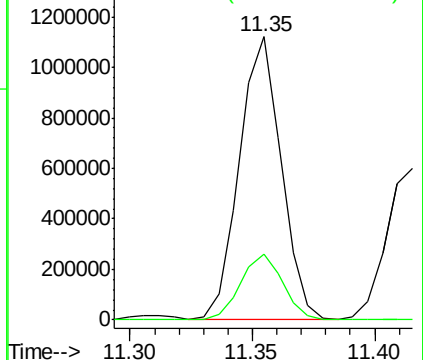
91 100

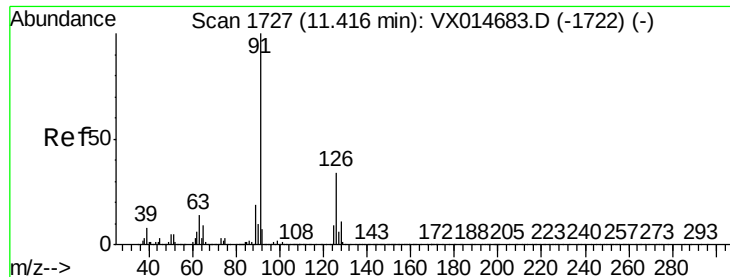
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.19 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

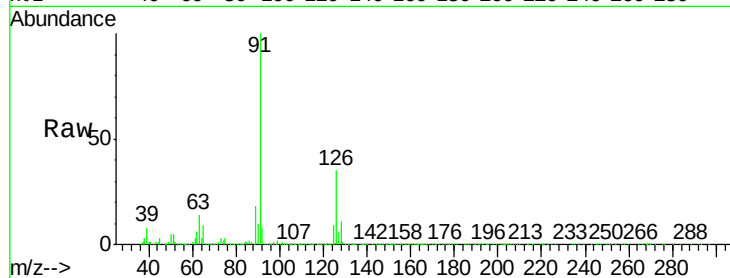
BFB

Tgt Ion: 91 Resp: 770819

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VX014683.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014683.D (-1722) (-)

1200000

1000000

800000

600000

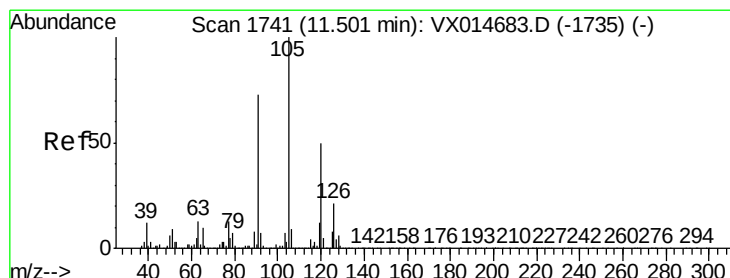
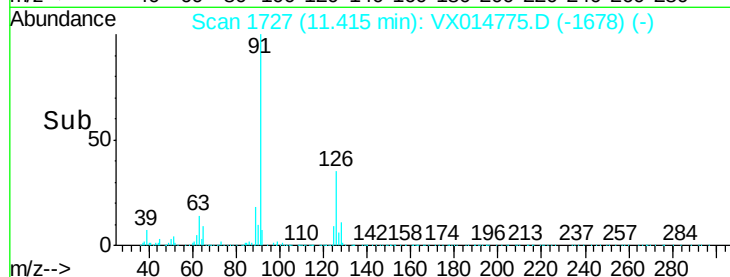
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.54 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014775.D

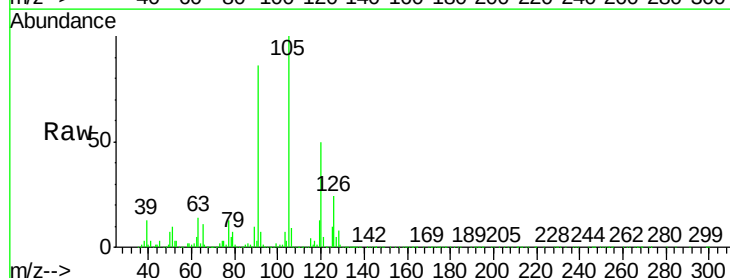
Acq: 31 Jan 2020 10:52

Tgt Ion: 105 Resp: 973418

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX014683.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014683.D (-1735) (-)

800000

600000

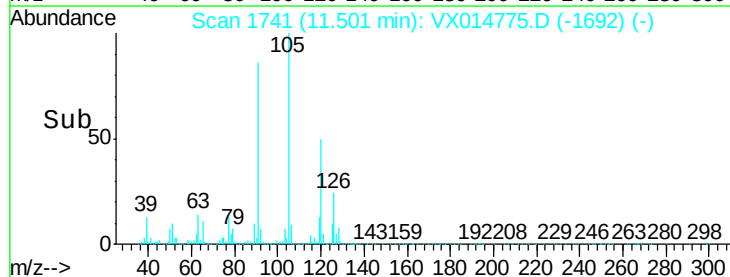
400000

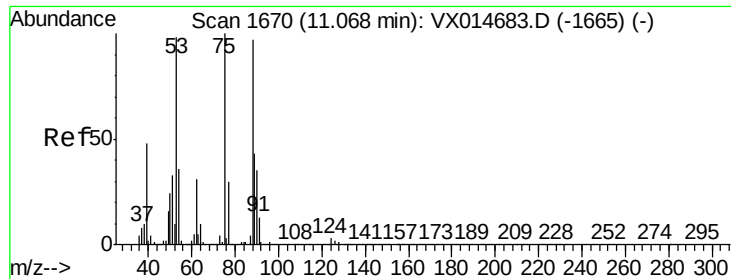
200000

0

11.50 11.60

Time-->

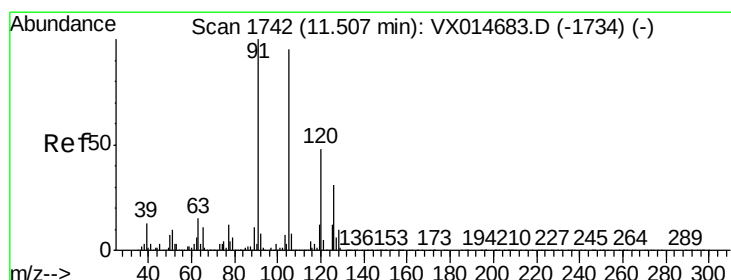
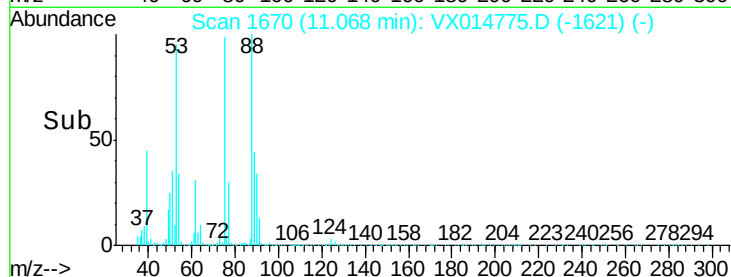
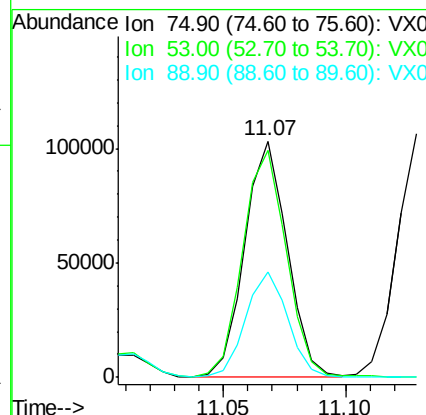
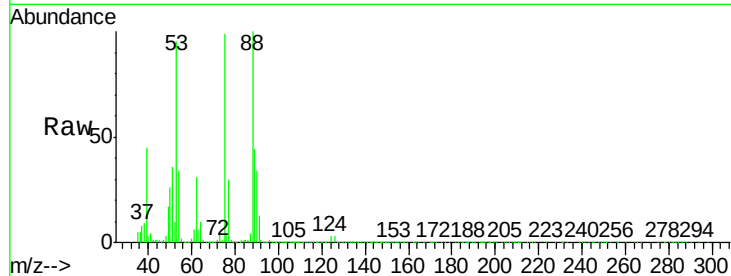




#81
trans-1,4-Dichloro-2-butene
Concen: 49.66 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

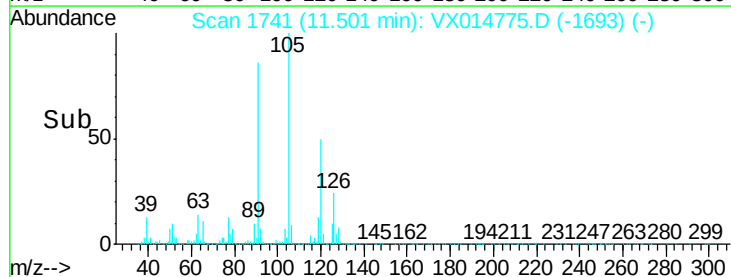
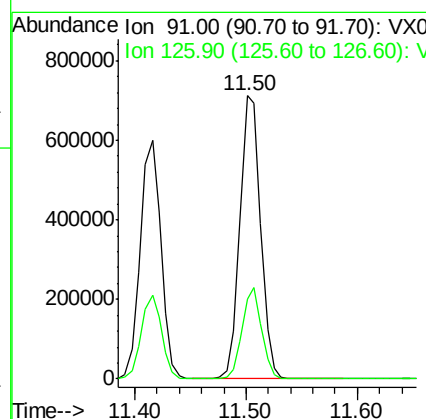
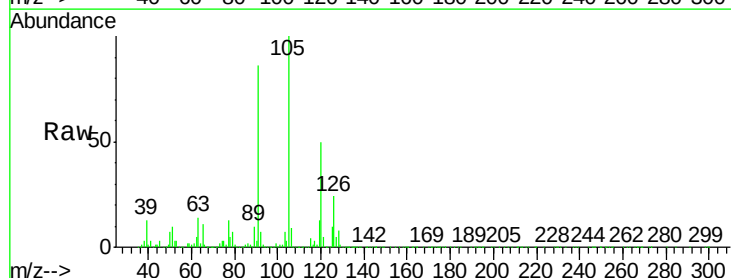
Instrument :
MSVOA_X
ClientSampled :
BFB

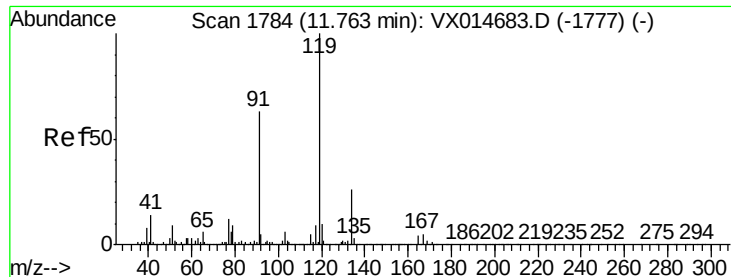
Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.7	78.8	118.2
89	44.9	35.4	53.0



#82
4-Chlorotoluene
Concen: 54.34 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.4	46.4

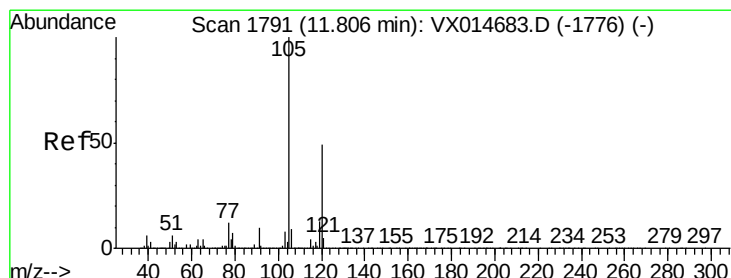
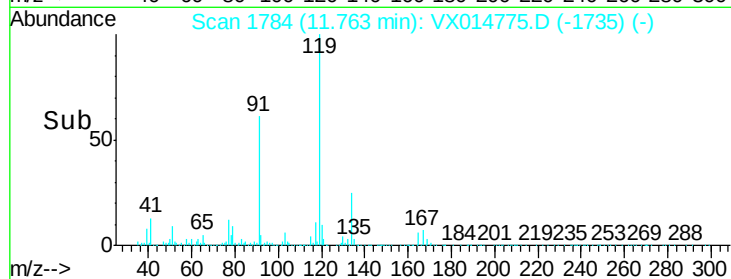
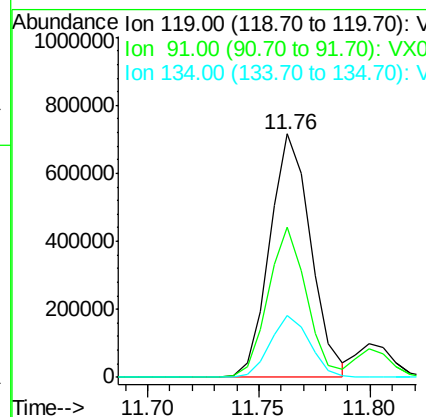
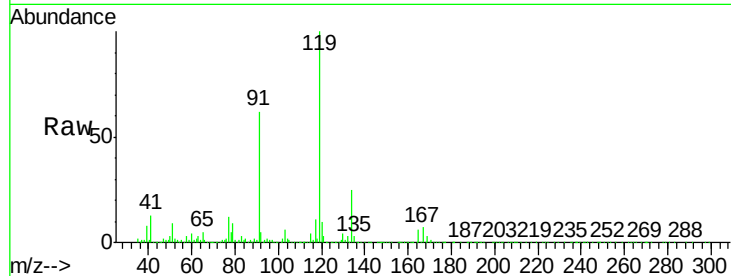




#83
 tert-Butylbenzene
 Concen: 54.49 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

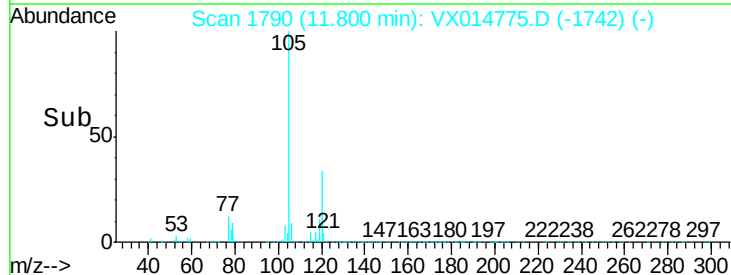
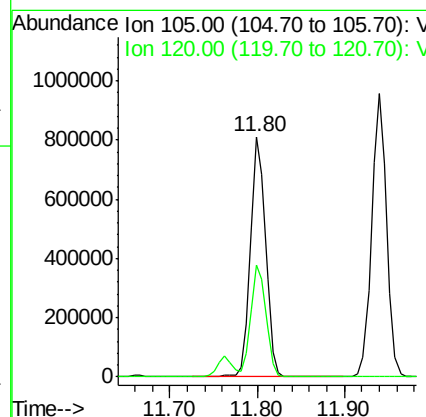
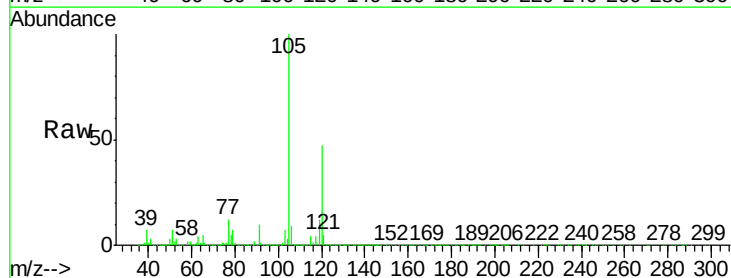
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

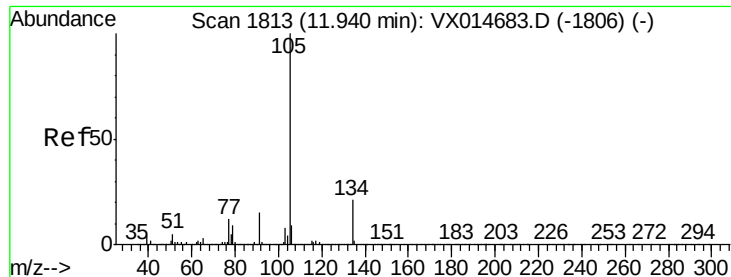
Tgt Ion:119 Resp: 913906
 Ion Ratio Lower Upper
 119 100
 91 58.1 30.0 90.0
 134 24.5 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 54.47 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion:105 Resp: 975097
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.4 70.0





#85

sec-Butylbenzene

Concen: 55.64 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

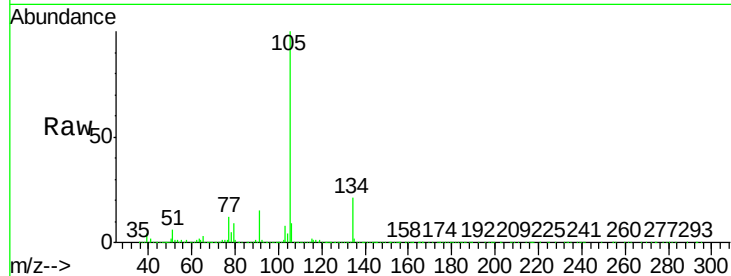
BFB

Tgt Ion:105 Resp: 1143219

Ion Ratio Lower Upper

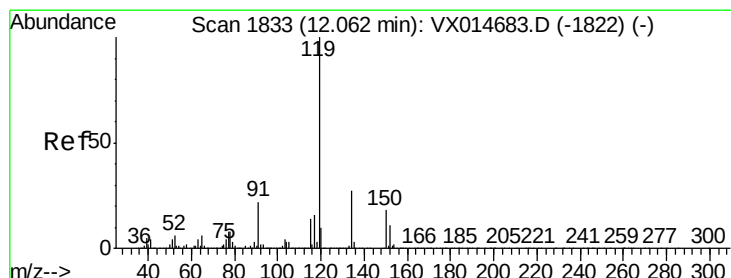
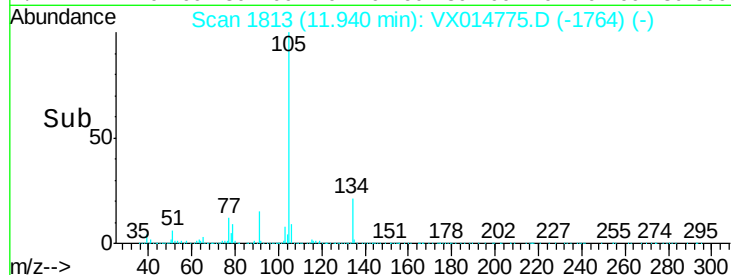
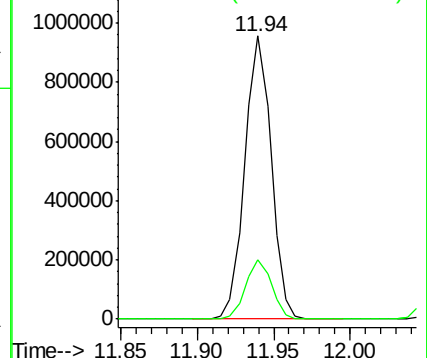
105 100

134 20.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.91 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

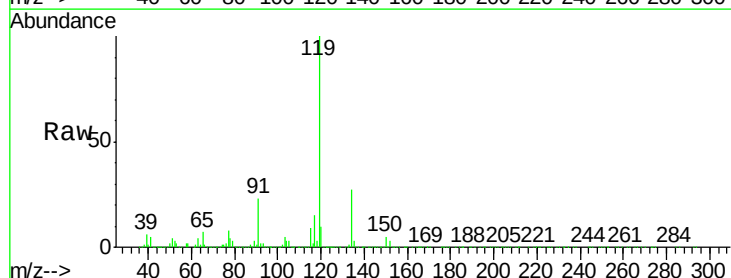
Tgt Ion:119 Resp: 1061575

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

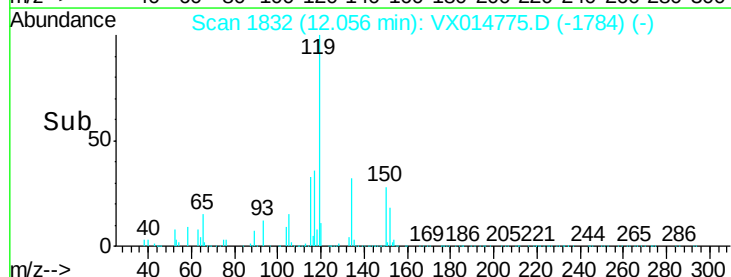
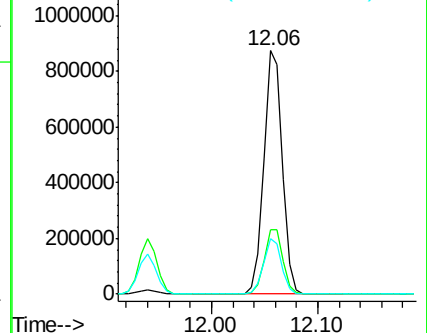
91 22.5 11.3 33.8

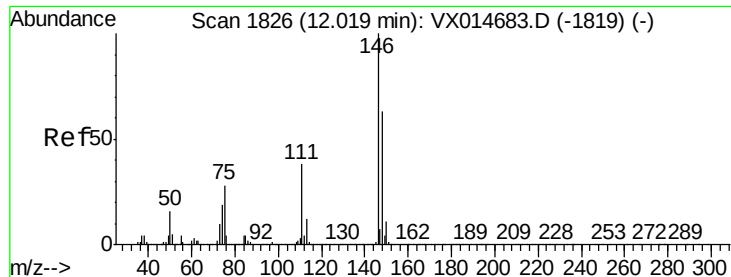


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

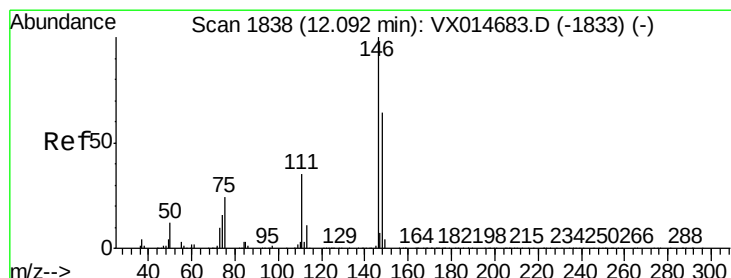
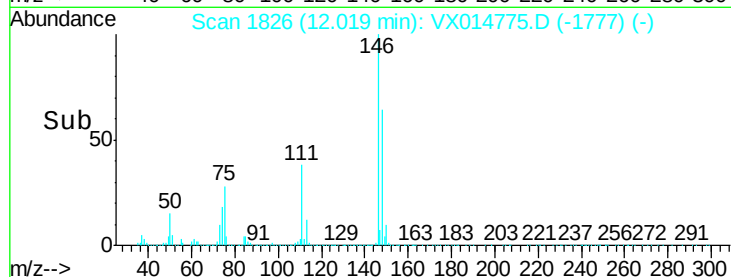
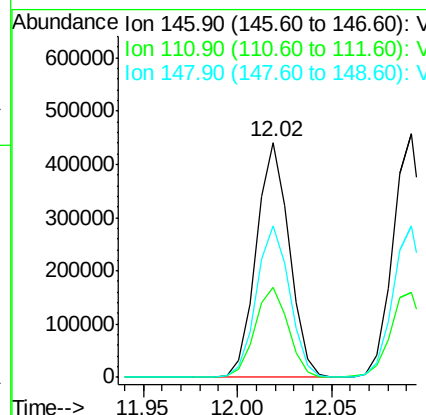
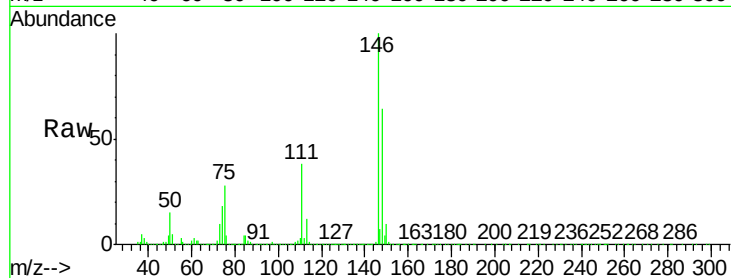




#87
 1,3-Dichlorobenzene
 Concen: 51.41 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

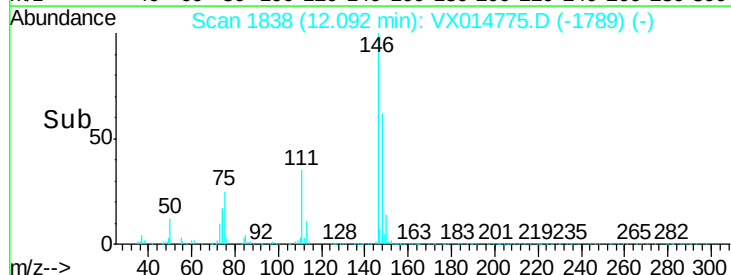
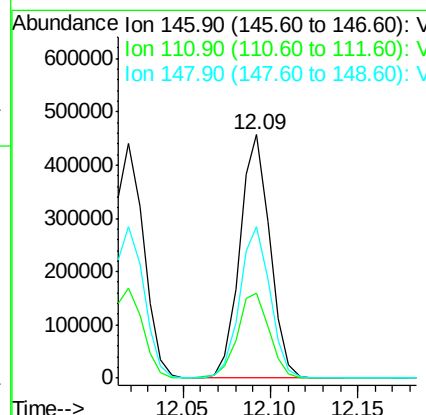
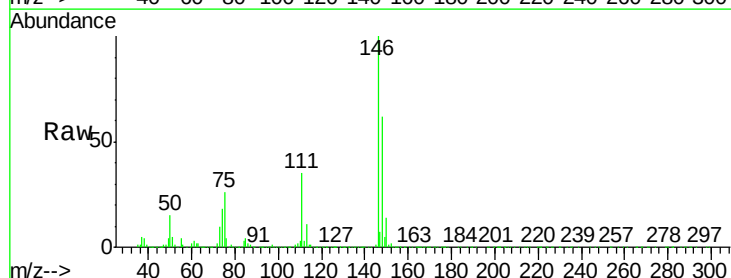
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

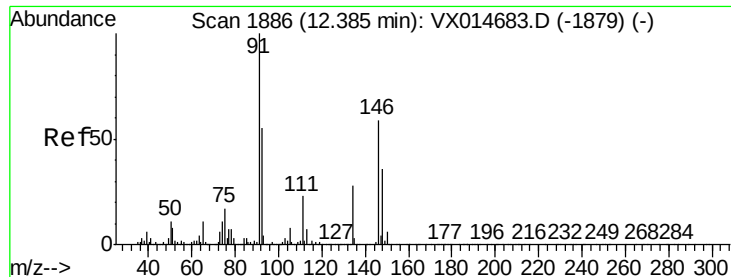
Tgt Ion:146 Resp: 533824
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.0 57.0
 148 64.8 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 52.36 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion:146 Resp: 544600
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.6 55.8
 148 63.0 32.0 96.2





#89

n-Butylbenzene

Concen: 56.95 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

BFB

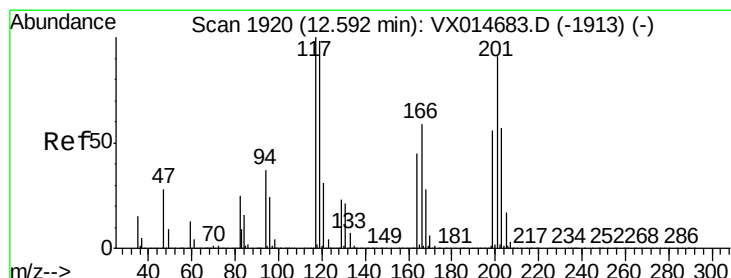
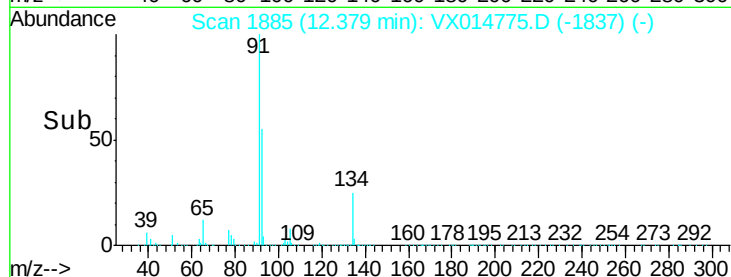
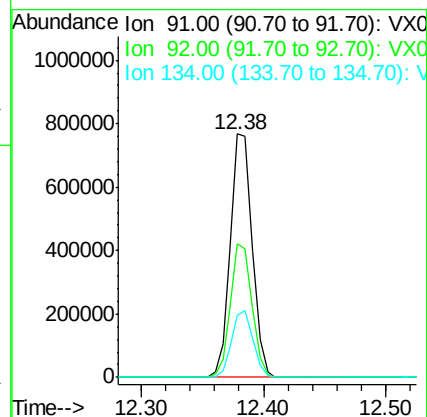
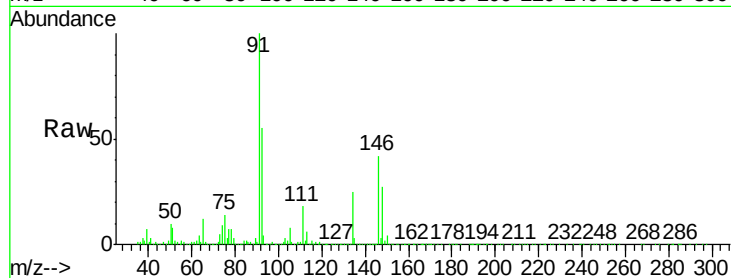
Tgt Ion: 91 Resp: 941831

Ion Ratio Lower Upper

91 100

92 54.2 27.6 82.7

134 26.9 13.3 39.8



#90

Hexachloroethane

Concen: 53.33 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014775.D

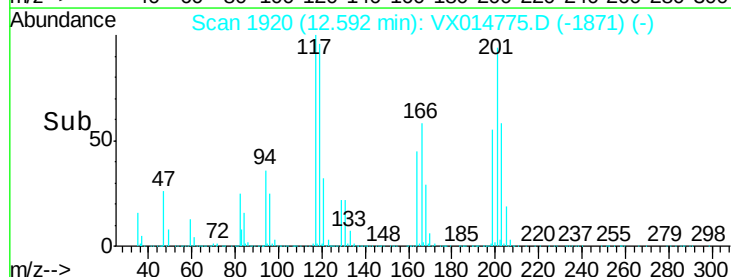
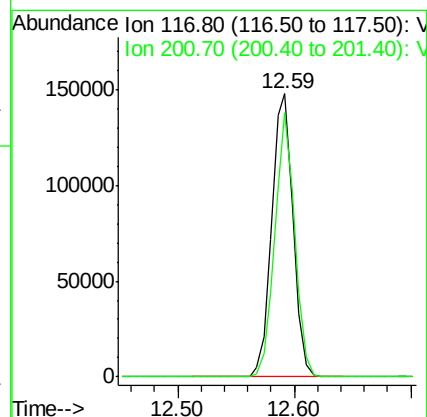
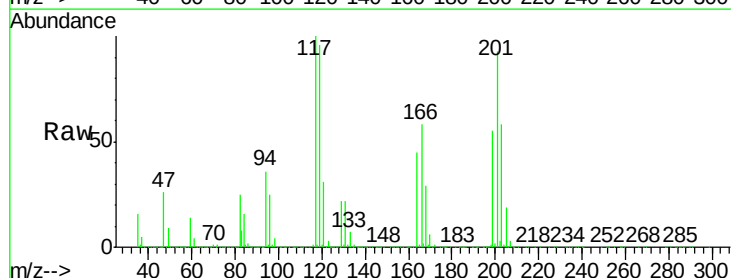
Acq: 31 Jan 2020 10:52

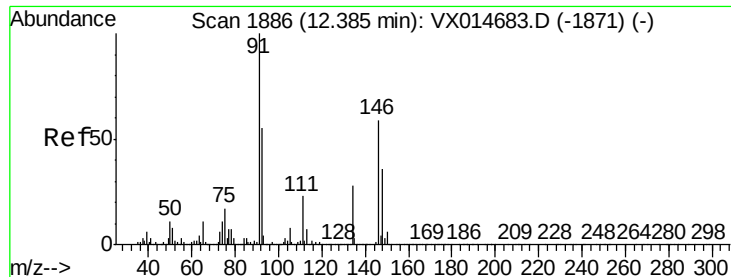
Tgt Ion: 117 Resp: 188079

Ion Ratio Lower Upper

117 100

201 87.2 44.4 133.1

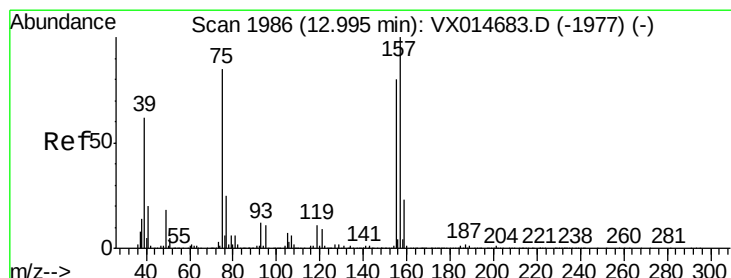
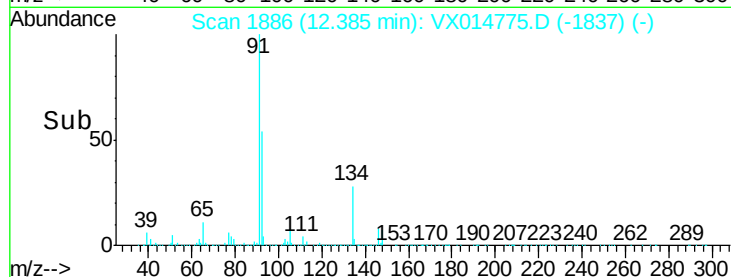
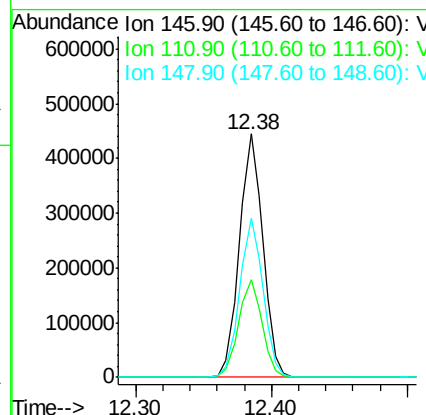
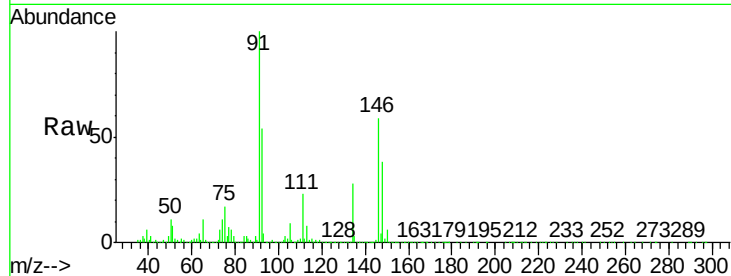




#91
 1,2-Dichlorobenzene
 Concen: 51.72 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

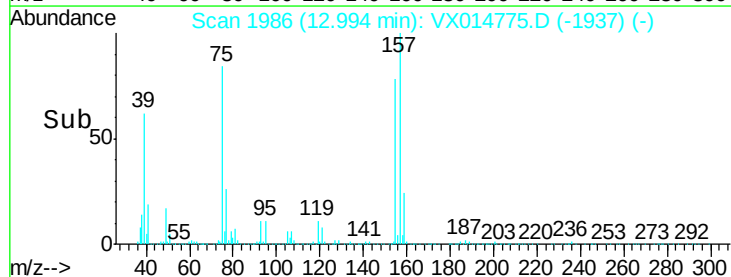
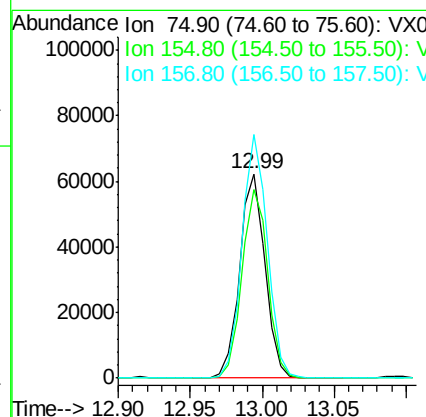
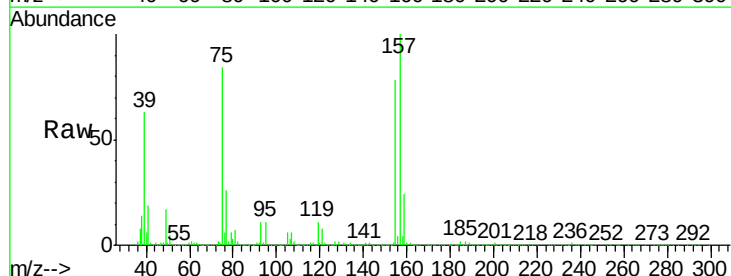
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

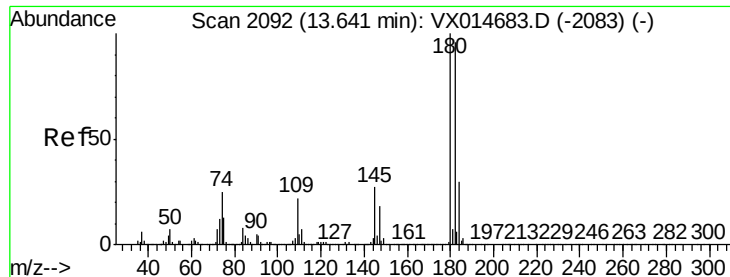
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.8
148	64.8	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.32 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	45.6	136.9
157	119.3	60.3	180.9

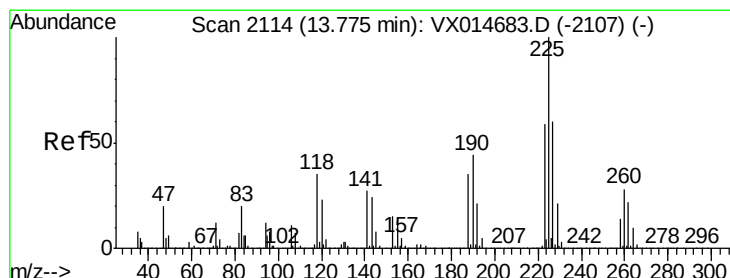
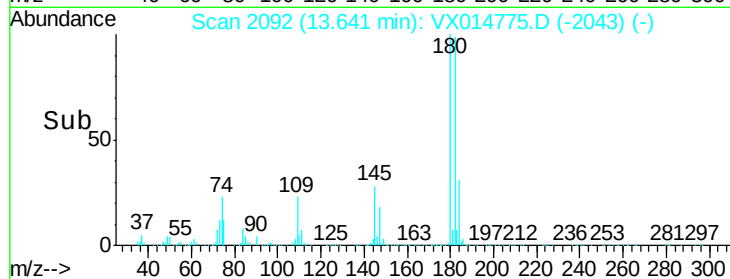
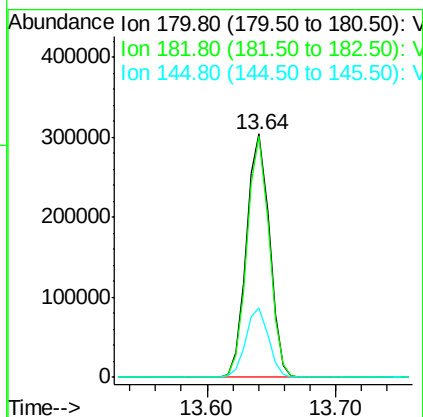
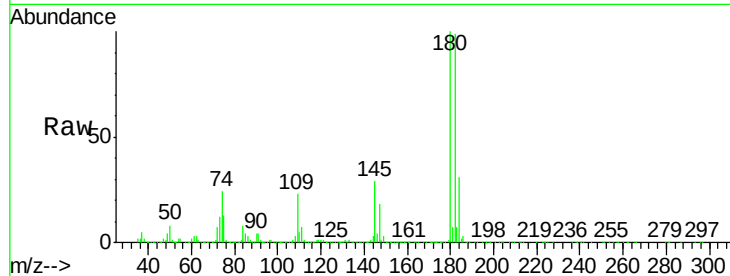




#93
 1,2,4-Trichlorobenzene
 Concen: 56.09 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

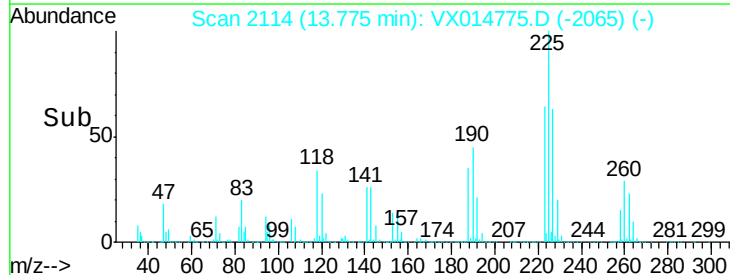
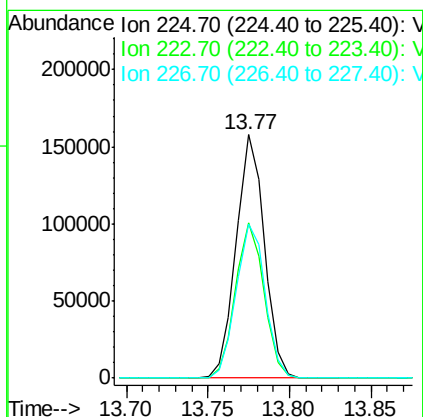
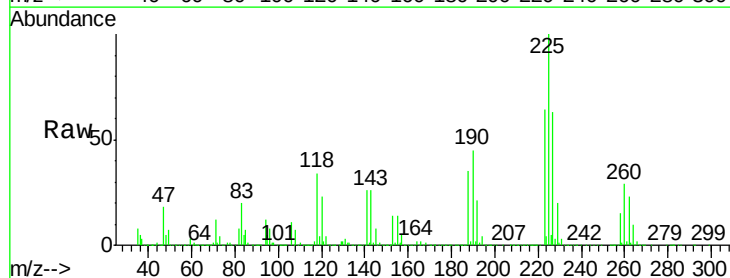
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

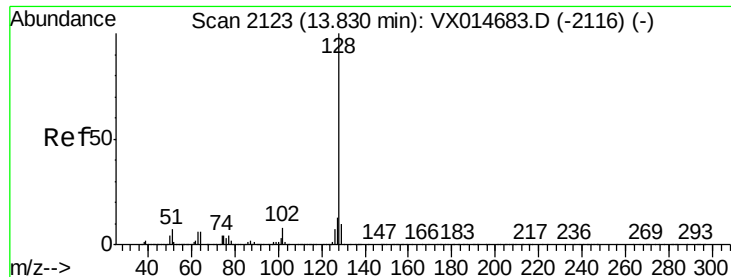
Tgt Ion:180 Resp: 372949
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.5 145.6
 145 28.1 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 55.71 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion:225 Resp: 190645
 Ion Ratio Lower Upper
 225 100
 223 64.4 30.6 91.8
 227 65.0 31.4 94.0

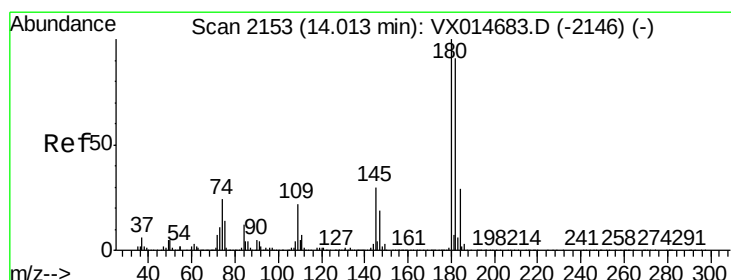
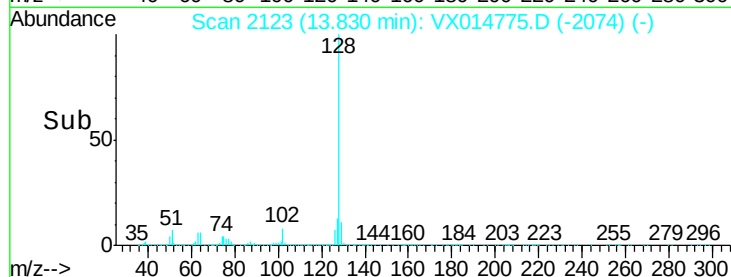
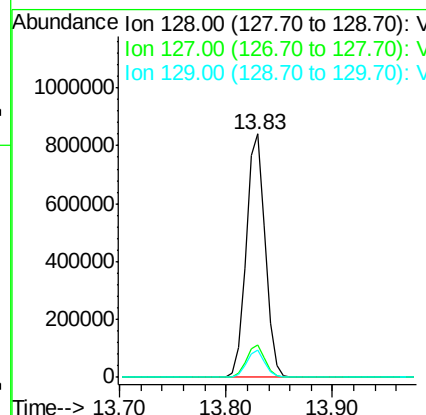
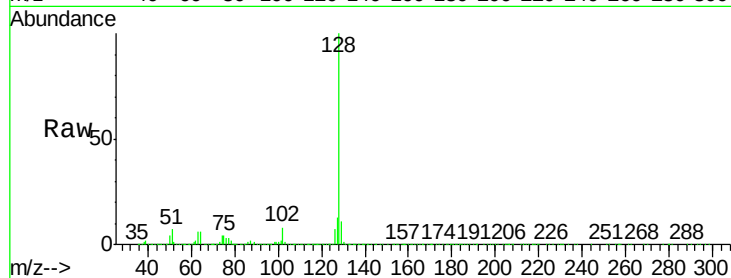




#95
Naphthalene
Concen: 49.09 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:128 Resp: 1052024
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 55.63 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion:180 Resp: 373987
Ion Ratio Lower Upper
180 100
182 96.2 46.6 139.7
145 29.5 14.7 44.1

